

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085290.D
 Acq On : 23 Dec 2024 13:29
 Operator : JC\MD
 Sample : VN1223WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/26/2024
 Supervised By : Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:07:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	188847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	320551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	275426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129719	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	148175	44.891	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.780%
35) Dibromofluoromethane	8.159	113	109977	48.800	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.600%
50) Toluene-d8	10.559	98	419960	50.985	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.960%
62) 4-Bromofluorobenzene	12.847	95	135323	45.996	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	58963	19.599	ug/l	96
3) Chloromethane	2.360	50	57182	19.941	ug/l	100
4) Vinyl Chloride	2.518	62	57603	21.440	ug/l	96
5) Bromomethane	2.965	94	33376	18.937	ug/l	98
6) Chloroethane	3.124	64	34238	20.270	ug/l	98
7) Trichlorofluoromethane	3.501	101	81125	18.698	ug/l	99
8) Diethyl Ether	3.954	74	25143	18.450	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	47435	20.385	ug/l	95
10) Methyl Iodide	4.589	142	50933	19.197	ug/l #	94
11) Tert butyl alcohol	5.512	59	28833	62.885	ug/l #	85
12) 1,1-Dichloroethene	4.342	96	41252	19.138	ug/l	89
13) Acrolein	4.177	56	63502	120.265	ug/l	100
14) Allyl chloride	5.024	41	67258	18.018	ug/l	99
15) Acrylonitrile	5.712	53	97079	77.736	ug/l	98
16) Acetone	4.418	43	93406	81.982	ug/l #	88
17) Carbon Disulfide	4.712	76	130726	17.772	ug/l	99
18) Methyl Acetate	5.018	43	50915	15.785	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	129776	17.566	ug/l	94
20) Methylene Chloride	5.271	84	48594	19.498	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	43681	18.381	ug/l #	88
22) Diisopropyl ether	6.665	45	154225	19.367	ug/l	96
23) Vinyl Acetate	6.595	43	530549	86.221	ug/l	99
24) 1,1-Dichloroethane	6.559	63	89383	19.377	ug/l	99
25) 2-Butanone	7.477	43	129517	74.230	ug/l	96
26) 2,2-Dichloropropane	7.483	77	76460	17.900	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	51069	18.457	ug/l	99
28) Bromochloromethane	7.806	49	52307	22.484	ug/l	100
29) Tetrahydrofuran	7.836	42	84644	75.257	ug/l	99
30) Chloroform	7.959	83	85809	17.419	ug/l	100
31) Cyclohexane	8.247	56	82810	19.392	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	78172	17.804	ug/l	98
36) 1,1-Dichloropropene	8.365	75	63501	20.236	ug/l	99
37) Ethyl Acetate	7.553	43	55458	15.319	ug/l	98
38) Carbon Tetrachloride	8.359	117	68614	18.084	ug/l	97
39) Methylcyclohexane	9.594	83	66110	20.245	ug/l	89
40) Benzene	8.600	78	192862	19.755	ug/l	96

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Manual Integrations
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Reviewed By : John Carlone 12/26/2024
 Supervised By : Mahesh Dadoda 12/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	31789	17.230	ug/l	95
42) 1,2-Dichloroethane	8.665	62	68577	18.442	ug/l	100
43) Isopropyl Acetate	8.683	43	96403	14.561	ug/l	98
44) Trichloroethene	9.347	130	44066	20.275	ug/l	100
45) 1,2-Dichloropropane	9.618	63	48275	19.972	ug/l	99
46) Dibromomethane	9.706	93	31619	18.324	ug/l	98
47) Bromodichloromethane	9.883	83	68387	18.498	ug/l	99
48) Methyl methacrylate	9.677	41	43875	16.166	ug/l	98
49) 1,4-Dioxane	9.688	88	12827	299.766	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	270176	77.667	ug/l	99
52) Toluene	10.624	92	115723	19.714	ug/l	100
53) t-1,3-Dichloropropene	10.830	75	65798	18.259	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	74722	19.503	ug/l	92
55) 1,1,2-Trichloroethane	11.006	97	40329	18.348	ug/l	99
56) Ethyl methacrylate	10.871	69	59474	15.831	ug/l	98
57) 1,3-Dichloropropane	11.159	76	74343	19.217	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	136825	80.250	ug/l	97
59) 2-Hexanone	11.188	43	188068	75.843	ug/l	100
60) Dibromochloromethane	11.353	129	48137	18.479	ug/l	98
61) 1,2-Dibromoethane	11.465	107	40390	17.841	ug/l	100
64) Tetrachloroethene	11.100	164	39505	21.315	ug/l	95
65) Chlorobenzene	11.888	112	122354	19.763	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.953	131	42174	19.525	ug/l	98
67) Ethyl Benzene	11.959	91	209712	19.762	ug/l	98
68) m/p-Xylenes	12.065	106	160625	40.471	ug/l	99
69) o-Xylene	12.394	106	74155	19.878	ug/l	98
70) Styrene	12.406	104	126079	20.244	ug/l	97
71) Bromoform	12.576	173	29550	17.453	ug/l #	98
73) Isopropylbenzene	12.688	105	189553	20.257	ug/l	99
74) N-ethyl acetate	12.488	43	77386	16.558	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	56121	16.832	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	56011m	18.114	ug/l	
77) Bromobenzene	12.976	156	45578	18.551	ug/l	97
78) n-propylbenzene	13.029	91	235109	20.487	ug/l	100
79) 2-Chlorotoluene	13.124	91	141206	19.379	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	161603	20.705	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.729	75	18263	15.683	ug/l	94
82) 4-Chlorotoluene	13.218	91	143530	19.466	ug/l	99
83) tert-Butylbenzene	13.435	119	133152	20.116	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	162165	20.326	ug/l	100
85) sec-Butylbenzene	13.612	105	191643	20.767	ug/l	100
86) p-Isopropyltoluene	13.723	119	157665	18.916	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	85893	18.984	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	87598	18.711	ug/l	99
89) n-Butylbenzene	14.053	91	139104	20.497	ug/l	99
90) Hexachloroethane	14.329	117	30896	18.225	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	80840	19.210	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	9437	14.759	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	38967	18.089	ug/l	97
94) Hexachlorobutadiene	15.494	225	20391	18.213	ug/l	95
95) Naphthalene	15.635	128	104278	14.617	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	38220	17.763	ug/l	99

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ClientSampleId :
VN1223WBS02

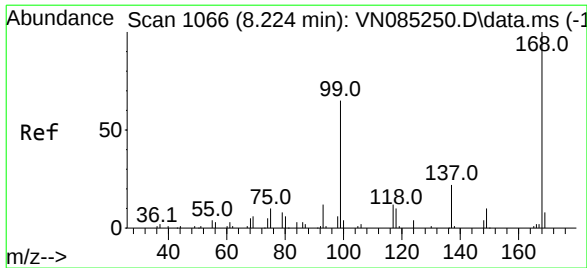
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:07:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed



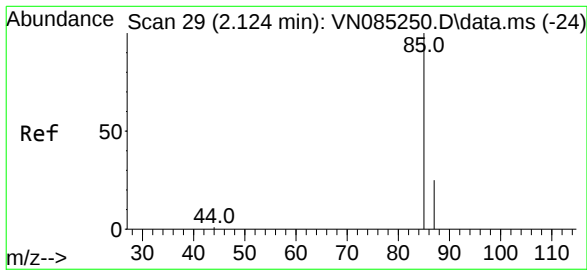
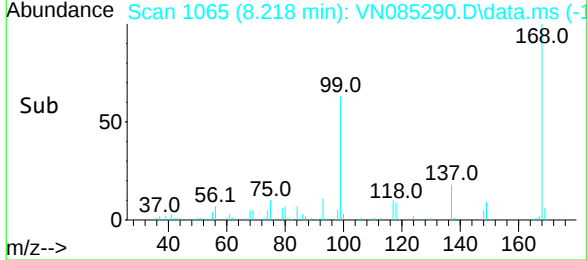
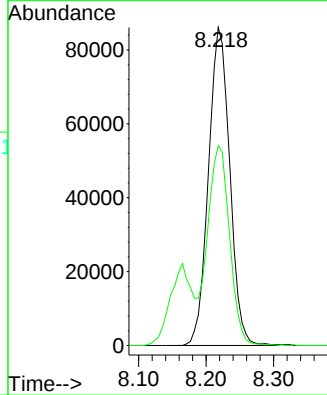
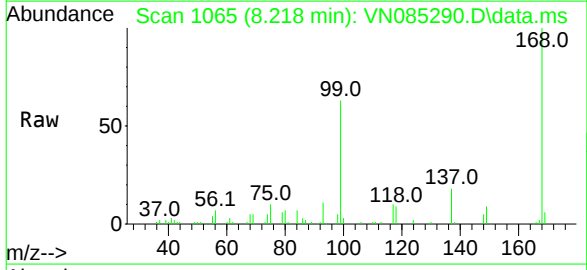
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.000 min
 Lab File: VN085290.D
 Acq: 23 Dec 2024 13:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBS02

Tgt Ion:168 Resp: 188847
 Ion Ratio Lower Upper
 168 100
 99 62.8 50.7 76.1

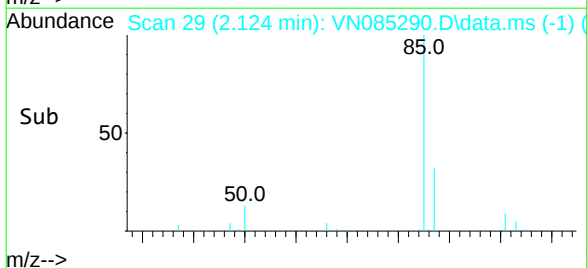
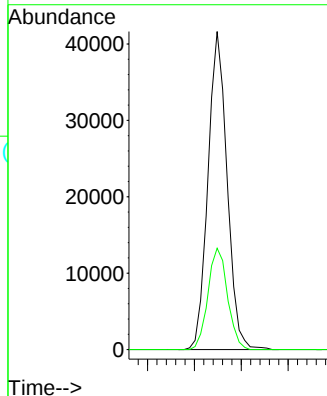
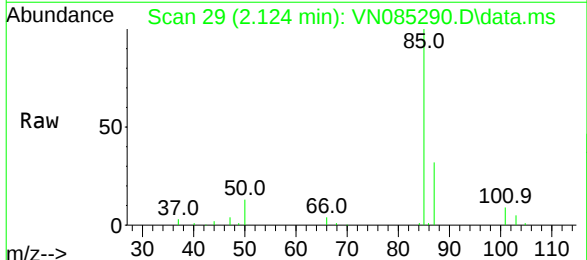
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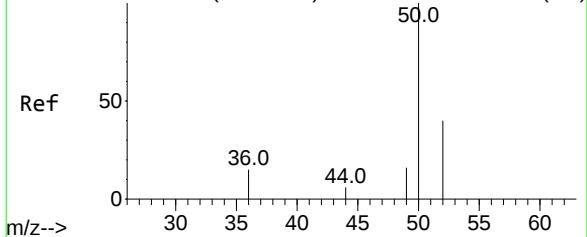


#2
 Dichlorodifluoromethane
 Concen: 19.599 ug/l
 RT: 2.124 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VN085290.D
 Acq: 23 Dec 2024 13:29

Tgt Ion: 85 Resp: 58963
 Ion Ratio Lower Upper
 85 100
 87 31.9 17.1 51.3



Abundance Scan 69 (2.359 min): VN085250.D\data.ms (-65)



#3

Chloromethane

Concen: 19.941 ug/l

RT: 2.360 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN085290.D

Acq: 23 Dec 2024 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS02

Tgt Ion: 50 Resp: 57182

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2

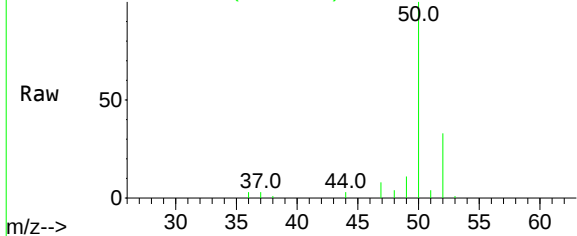
Manual Integrations

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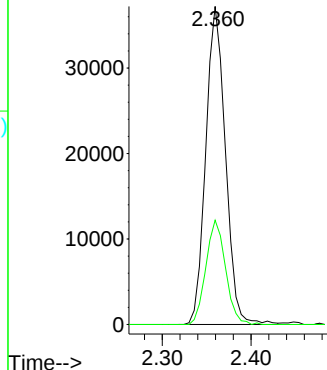
Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024

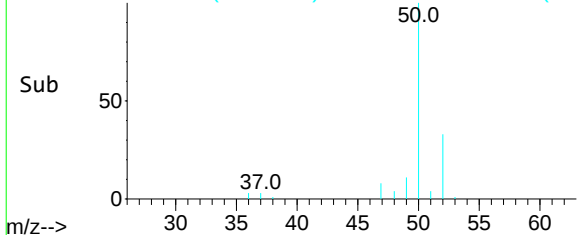
Abundance Scan 69 (2.360 min): VN085290.D\data.ms



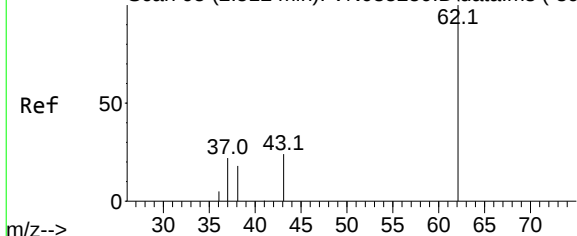
Abundance



Abundance Scan 69 (2.360 min): VN085290.D\data.ms (-18)



Abundance Scan 95 (2.512 min): VN085250.D\data.ms (-89)



#4

Vinyl Chloride

Concen: 21.440 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN085290.D

Acq: 23 Dec 2024 13:29

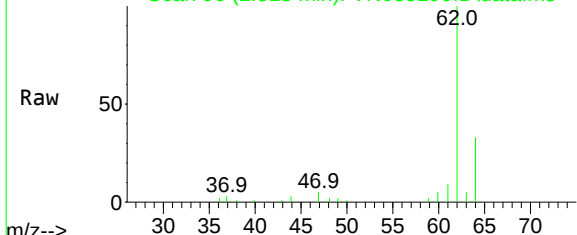
Tgt Ion: 62 Resp: 57603

Ion Ratio Lower Upper

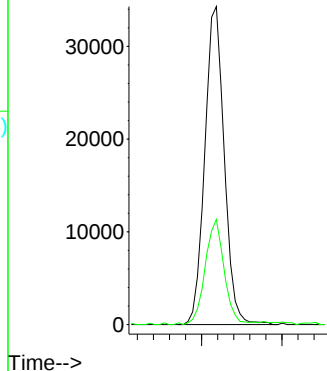
62 100

64 32.5 24.5 36.7

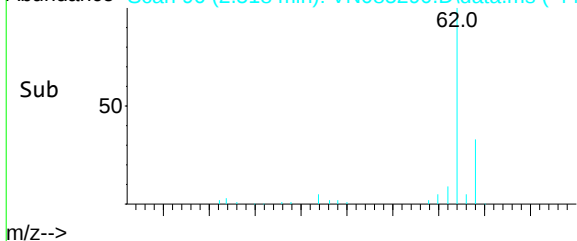
Abundance Scan 96 (2.518 min): VN085290.D\data.ms

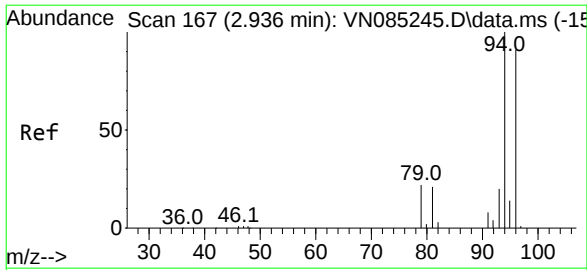


Abundance



Abundance Scan 96 (2.518 min): VN085290.D\data.ms (-44)





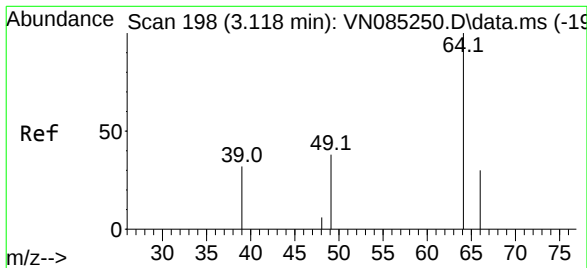
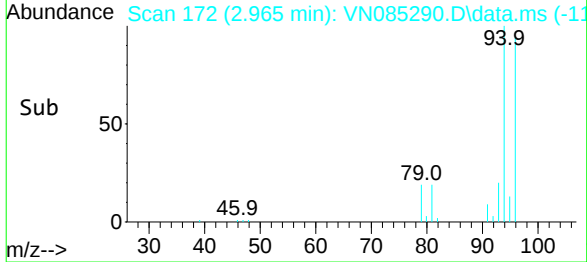
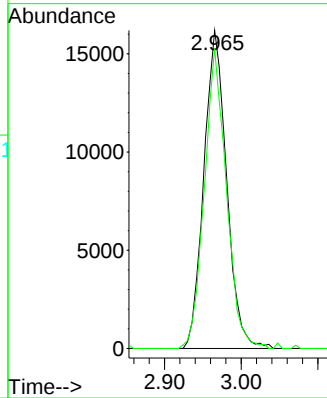
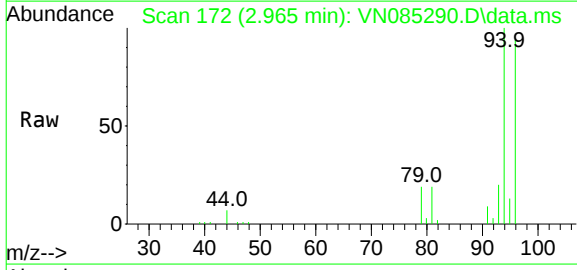
#5
Bromomethane
Concen: 18.937 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.018 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Instrument :
MSVOA_N
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VN1223WBS02

Tgt Ion: 94 Resp: 33376
Ion Ratio Lower Upper
94 100
96 94.2 76.8 115.2

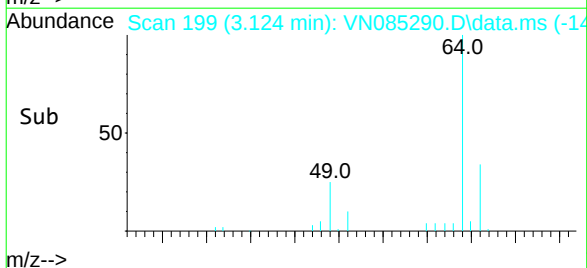
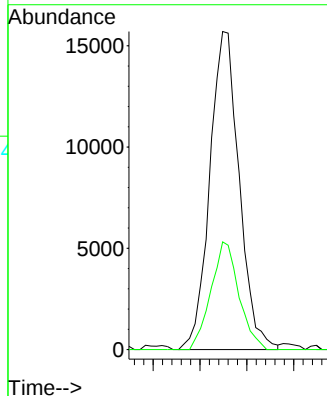
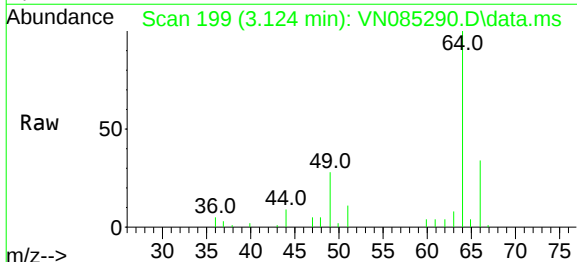
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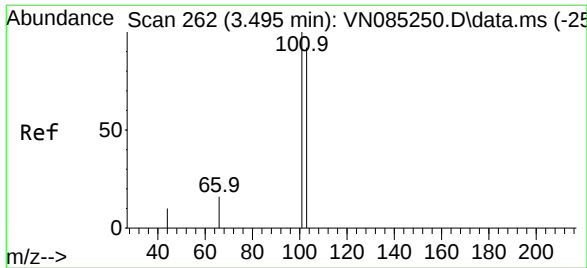
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#6
Chloroethane
Concen: 20.270 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Tgt Ion: 64 Resp: 34238
Ion Ratio Lower Upper
64 100
66 33.9 26.3 39.5





#7

Trichlorofluoromethane

Concen: 18.698 ug/l

RT: 3.501 min Scan# 262

Delta R.T. 0.006 min

Lab File: VN085290.D

Acq: 23 Dec 2024 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS02

Tgt Ion:101 Resp: 81125

Ion Ratio Lower Upper

101 100

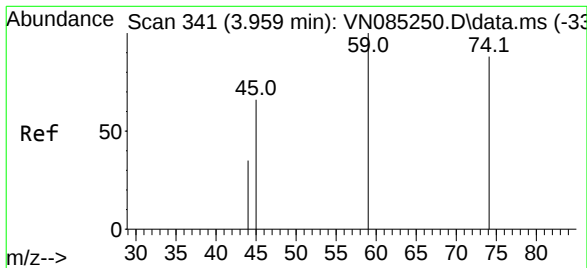
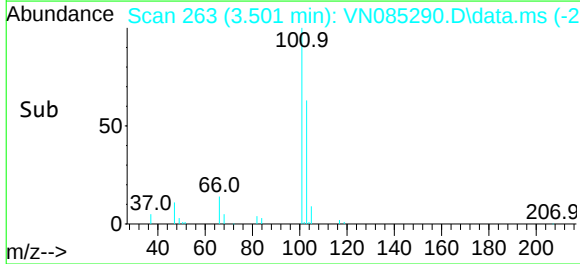
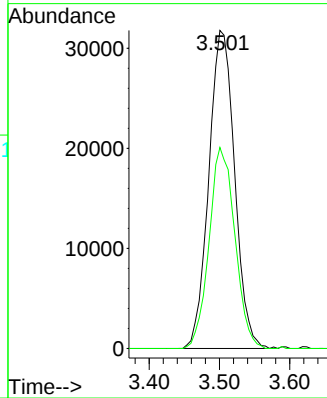
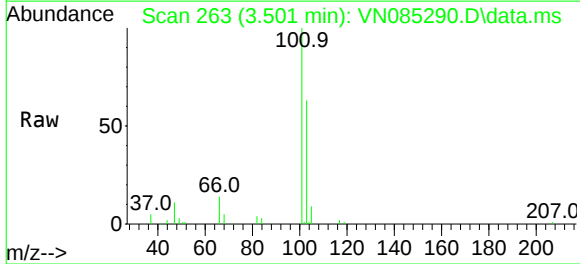
103 63.2 50.2 75.4

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 12/26/2024



#8

Diethyl Ether

Concen: 18.450 ug/l

RT: 3.954 min Scan# 340

Delta R.T. 0.001 min

Lab File: VN085290.D

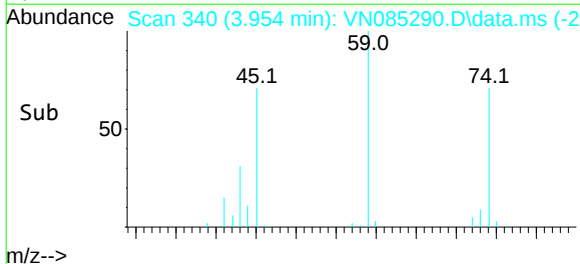
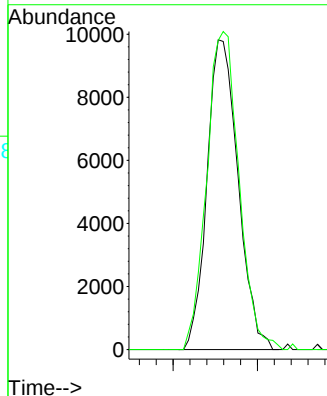
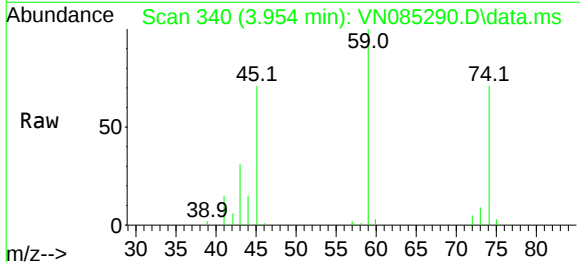
Acq: 23 Dec 2024 13:29

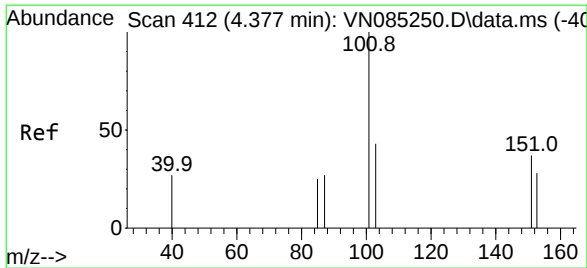
Tgt Ion: 74 Resp: 25143

Ion Ratio Lower Upper

74 100

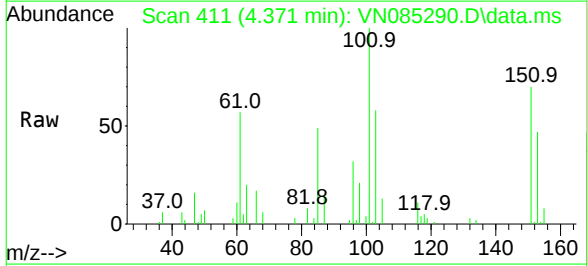
45 106.5 50.0 150.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.385 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

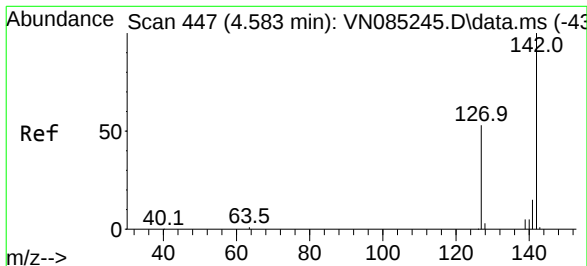
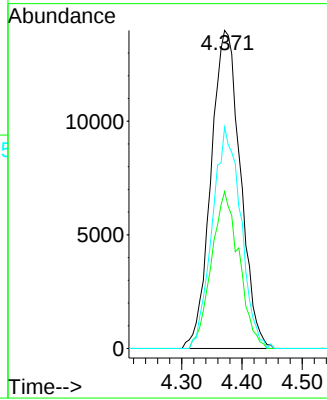
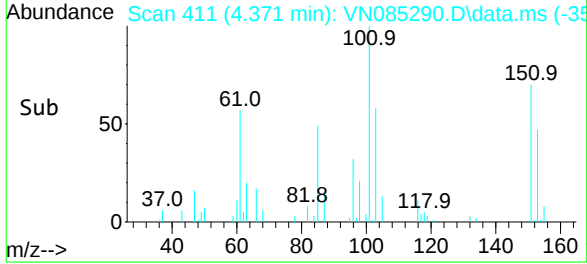
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02



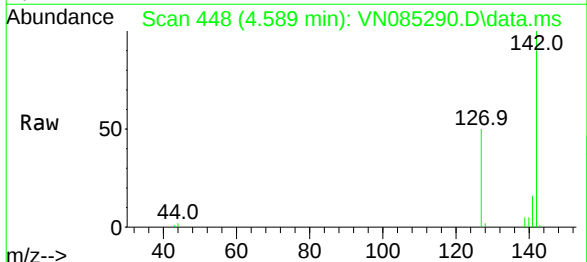
Tgt Ion:101 Resp: 47435
Ion Ratio Lower Upper
101 100
85 46.3 39.0 58.4
151 67.7 58.6 87.8

Manual Integrations
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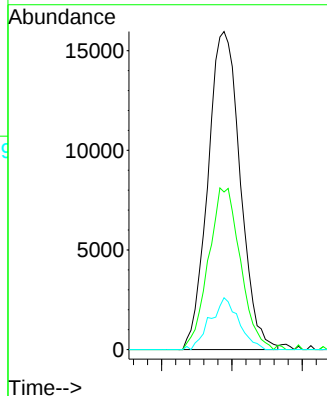
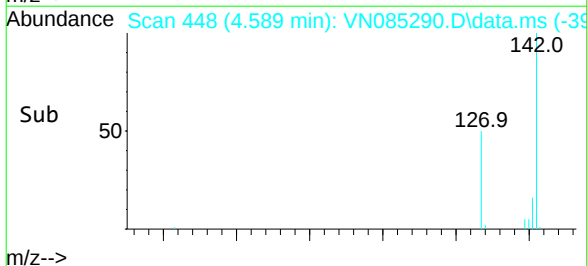
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

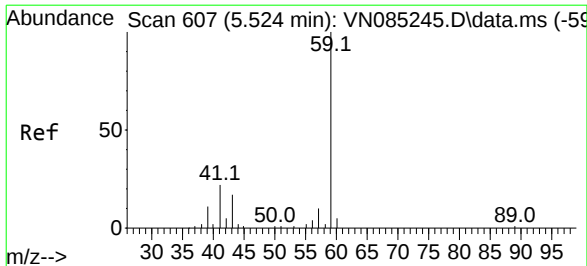


#10
Methyl Iodide
Concen: 19.197 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29



Tgt Ion:142 Resp: 50933
Ion Ratio Lower Upper
142 100
127 49.6 42.5 63.7
141 16.3 10.2 15.4#





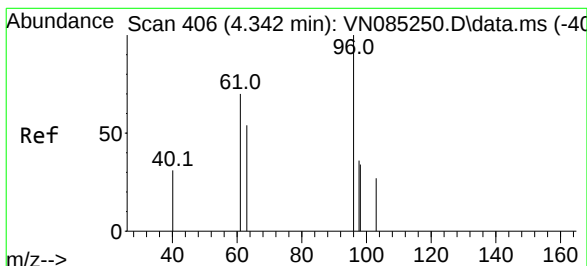
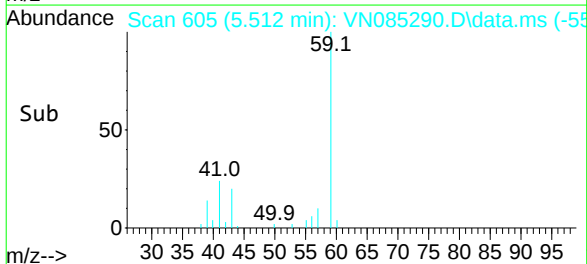
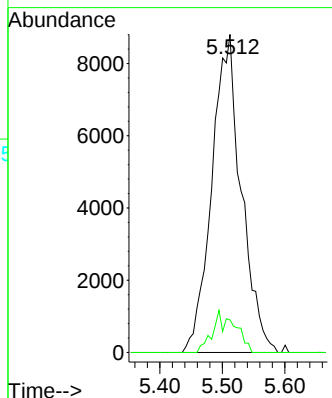
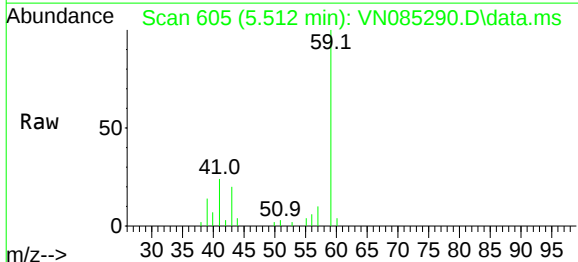
#11
Tert butyl alcohol
Concen: 62.885 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Instrument : MSVOA_N
ClientSampleId : VN1223WBS02

Tgt Ion: 59 Resp: 28833
Ion Ratio Lower Upper
59 100
57 4.6 8.2 12.4

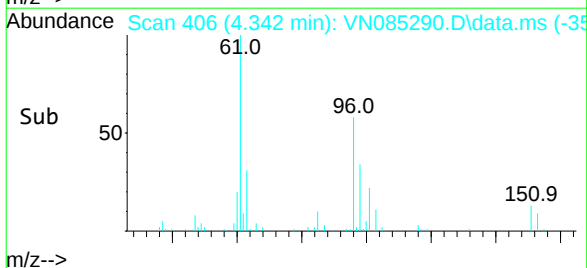
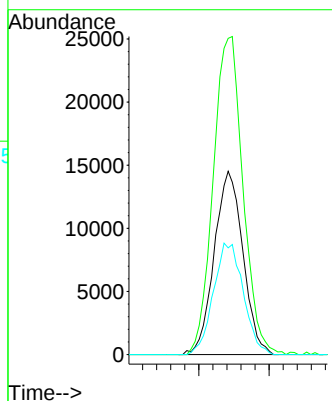
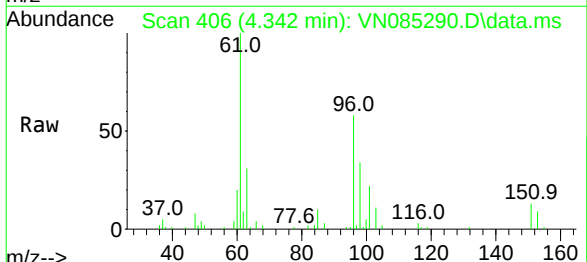
Manual Integrations
APPROVED

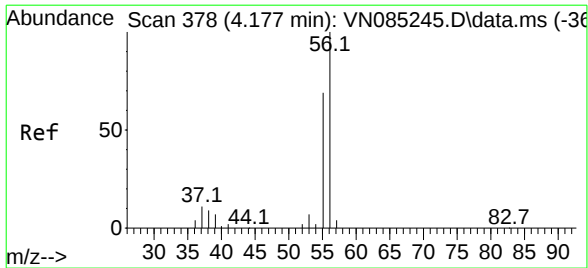
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#12
1,1-Dichloroethene
Concen: 19.138 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Tgt Ion: 96 Resp: 41252
Ion Ratio Lower Upper
96 100
61 172.5 151.6 227.4
98 58.2 51.9 77.9





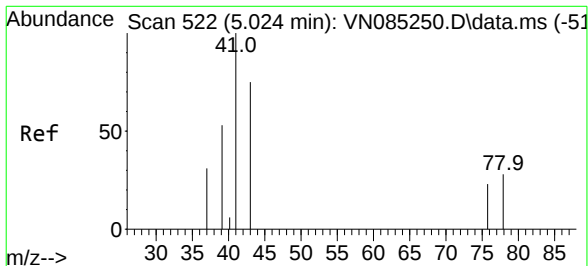
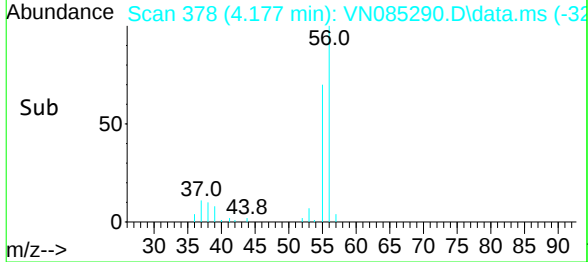
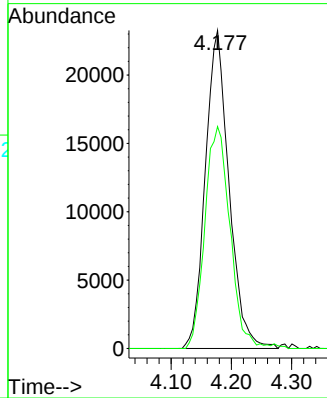
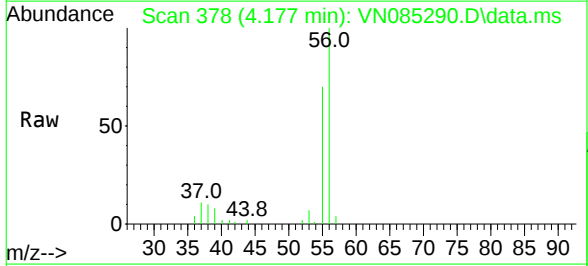
#13
Acrolein
Concen: 120.265 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02

Tgt Ion: 56 Resp: 63502
Ion Ratio Lower Upper
56 100
55 74.0 59.0 88.6

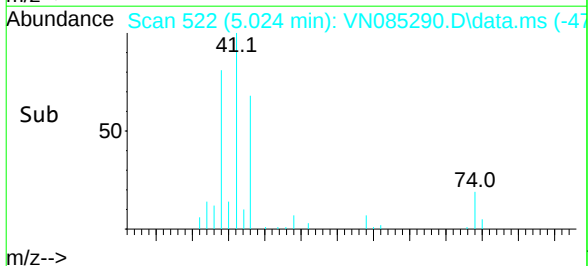
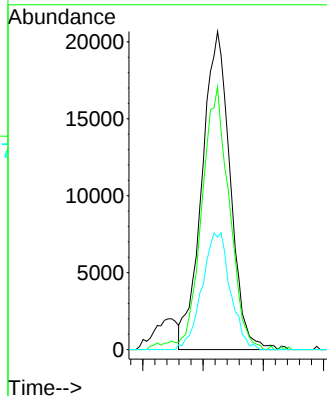
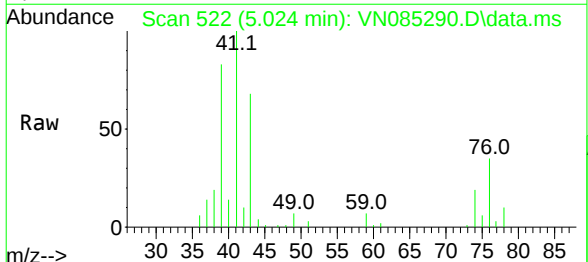
Manual Integrations
APPROVED

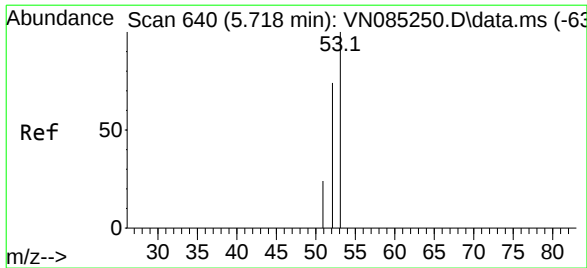
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#14
Allyl chloride
Concen: 18.018 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Tgt Ion: 41 Resp: 67258
Ion Ratio Lower Upper
41 100
39 81.5 66.7 100.1
76 36.9 29.4 44.2





#15

Acrylonitrile

Concen: 77.736 ug/l

RT: 5.712 min Scan# 63

Delta R.T. 0.000 min

Lab File: VN085290.D

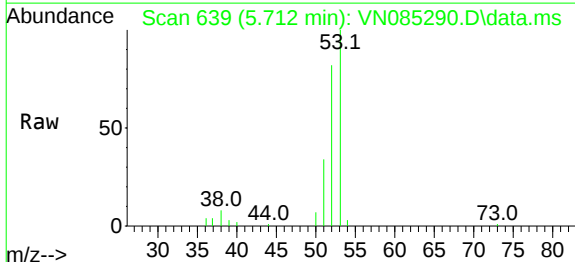
Acq: 23 Dec 2024 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS02



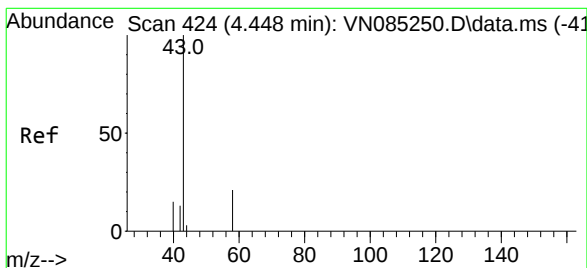
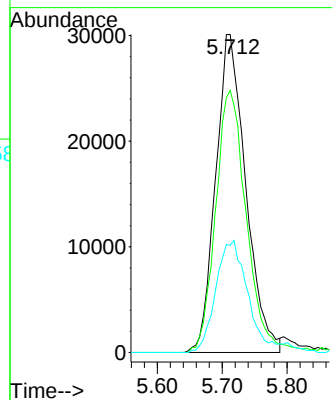
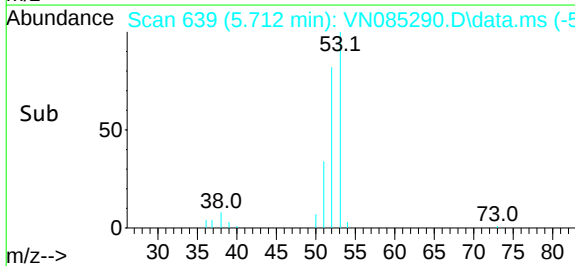
Tgt Ion:	53	Resp:	97079
Ion	Ratio	Lower	Upper
53	100		
52	84.5	66.3	99.5
51	37.6	28.2	42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#16

Acetone

Concen: 81.982 ug/l

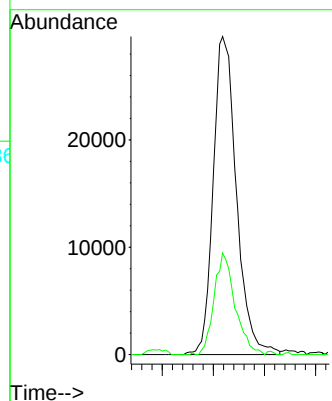
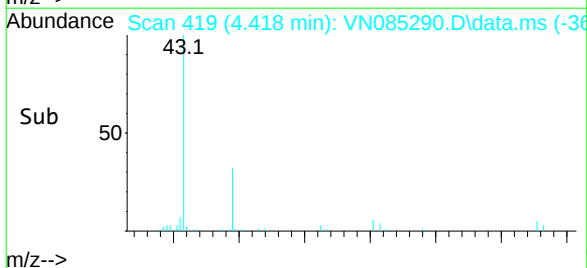
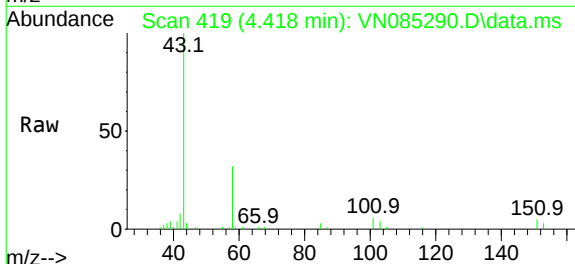
RT: 4.418 min Scan# 419

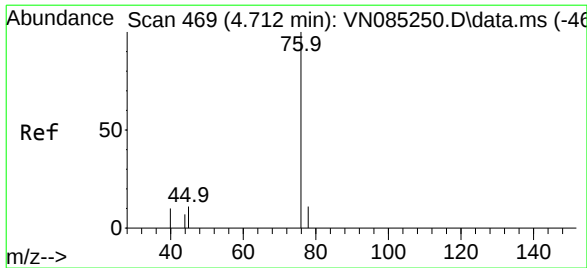
Delta R.T. -0.006 min

Lab File: VN085290.D

Acq: 23 Dec 2024 13:29

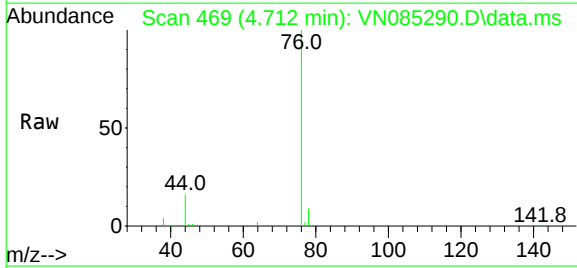
Tgt Ion:	43	Resp:	93406
Ion	Ratio	Lower	Upper
43	100		
58	31.9	20.8	31.2#





#17
Carbon Disulfide
Concen: 17.772 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

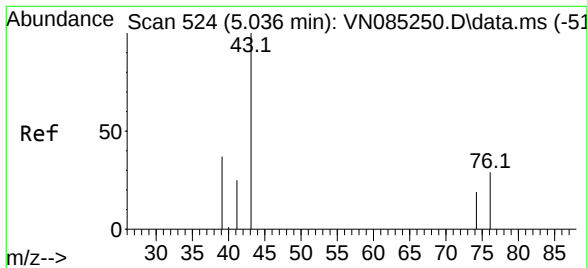
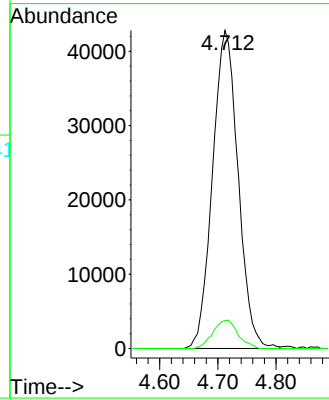
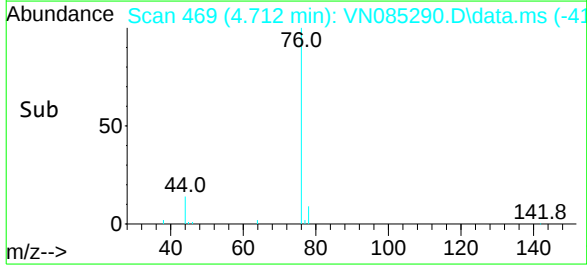
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02



Tgt Ion: 76 Resp: 130726
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2

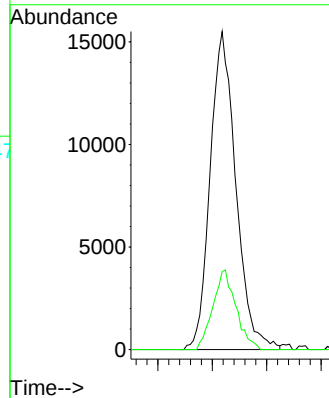
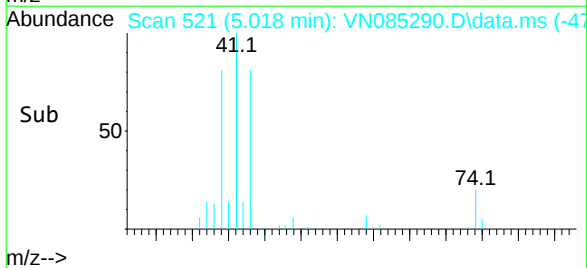
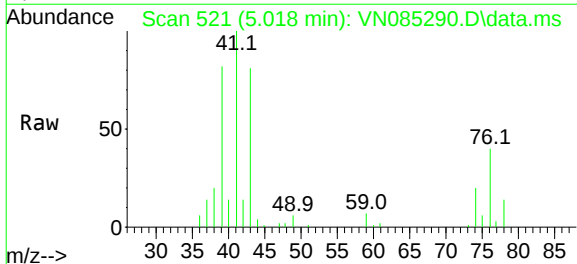
Manual Integrations
APPROVED

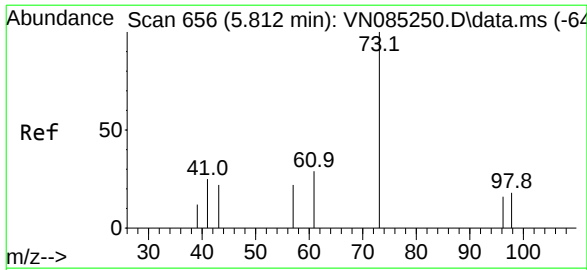
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#18
Methyl Acetate
Concen: 15.785 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

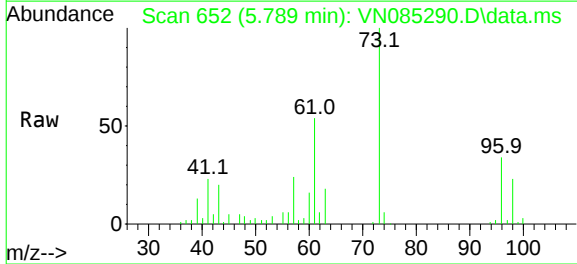
Tgt Ion: 43 Resp: 50915
Ion Ratio Lower Upper
43 100
74 22.4 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 17.566 ug/l
RT: 5.789 min Scan# 65
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

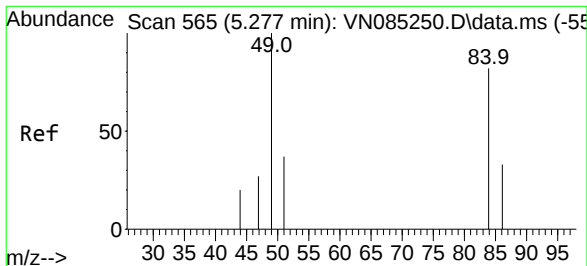
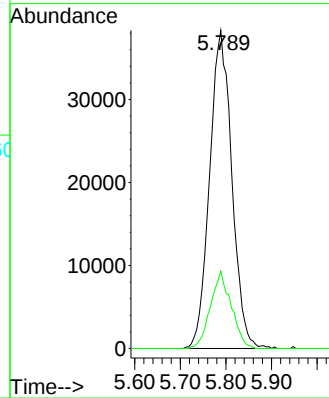
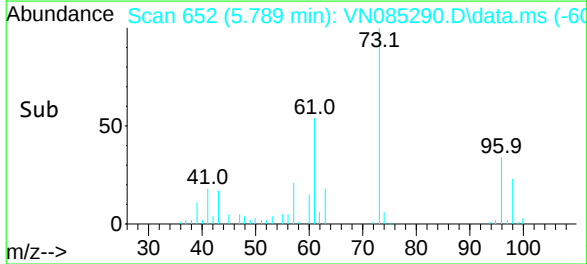
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02



Tgt Ion: 73 Resp: 129776
Ion Ratio Lower Upper
73 100
57 24.3 17.0 25.6

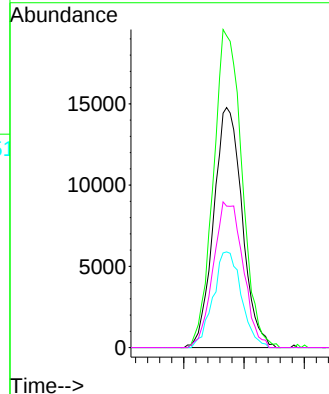
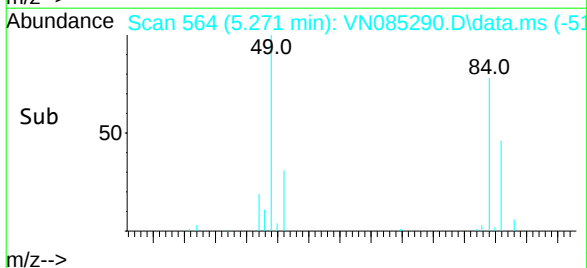
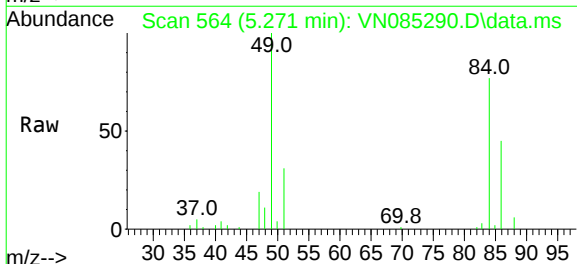
Manual Integrations
APPROVED

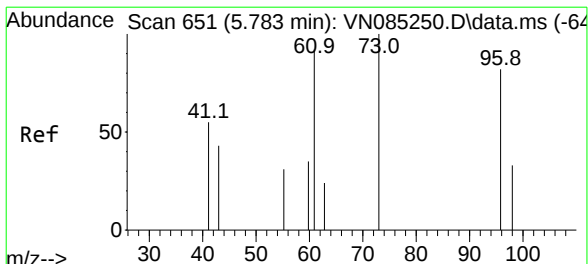
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#20
Methylene Chloride
Concen: 19.498 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

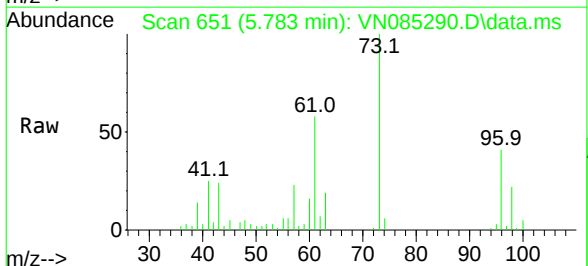
Tgt Ion: 84 Resp: 48594
Ion Ratio Lower Upper
84 100
49 129.9 103.6 155.4
51 39.9 34.2 51.2
86 58.9 48.9 73.3





#21
trans-1,2-Dichloroethene
Concen: 18.381 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

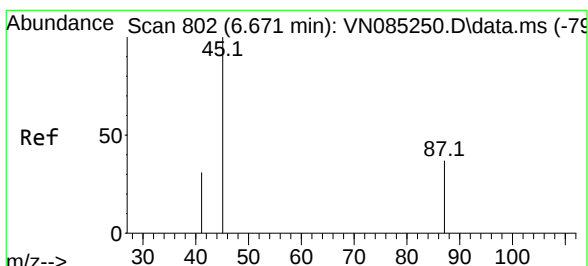
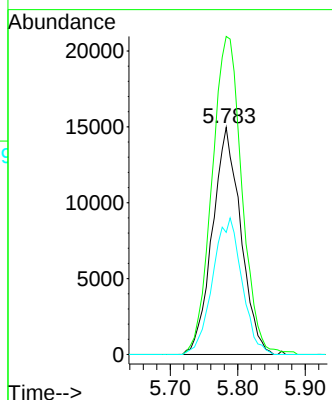
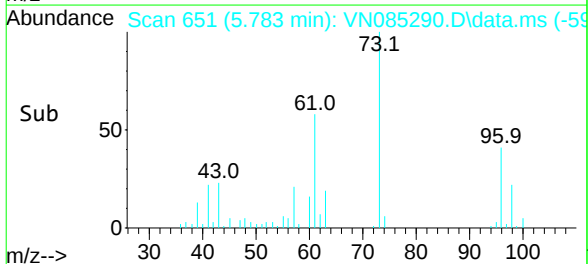
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02



Tgt Ion:	96	Resp:	43681
Ion	Ratio	Lower	Upper
96	100		
61	140.1	122.0	183.0
98	53.8	54.3	81.5

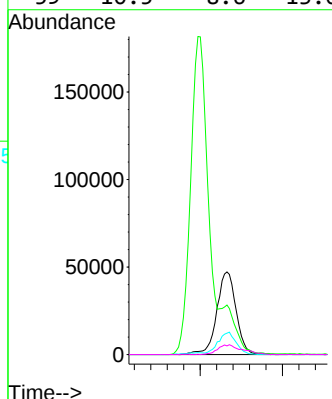
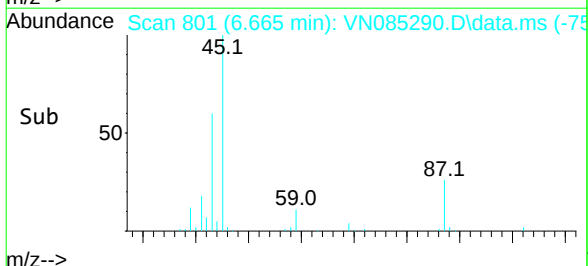
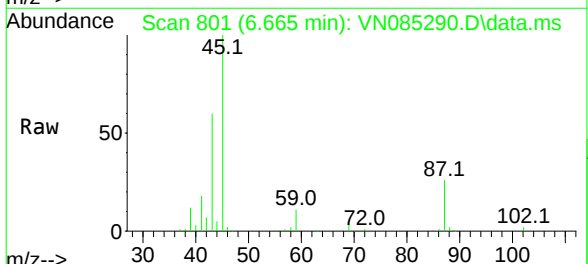
Manual Integrations
APPROVED

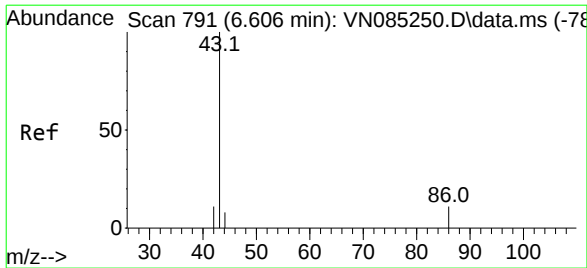
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#22
Diisopropyl ether
Concen: 19.367 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Tgt Ion:	45	Resp:	154225
Ion	Ratio	Lower	Upper
45	100		
43	59.1	43.8	65.6
87	25.9	21.2	31.8
59	10.5	8.6	13.0





#23

Vinyl Acetate

Concen: 86.221 ug/l

RT: 6.595 min Scan# 78

Delta R.T. -0.006 min

Lab File: VN085290.D

Acq: 23 Dec 2024 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS02

Tgt Ion: 43 Resp: 530549

Ion Ratio Lower Upper

43 100

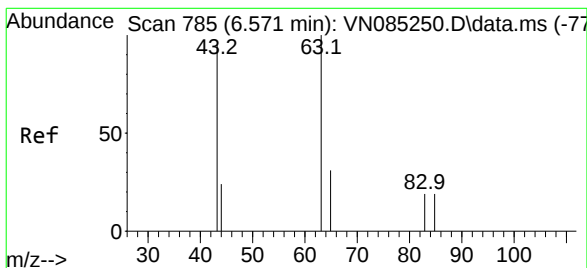
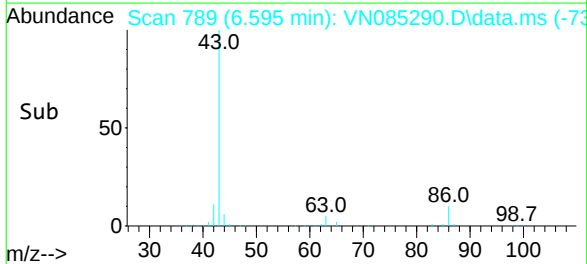
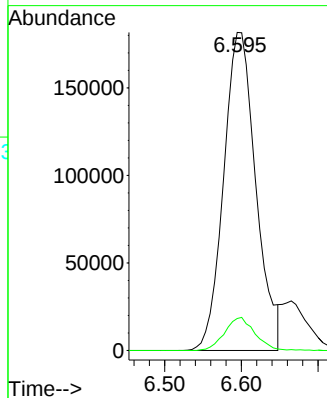
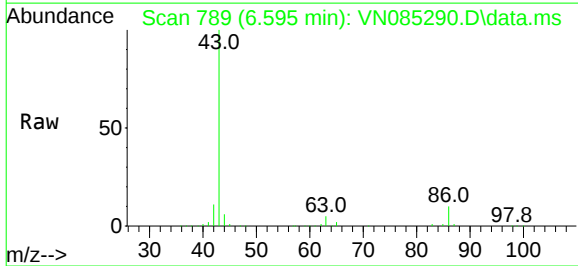
86 10.1 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#24

1,1-Dichloroethane

Concen: 19.377 ug/l

RT: 6.559 min Scan# 783

Delta R.T. -0.006 min

Lab File: VN085290.D

Acq: 23 Dec 2024 13:29

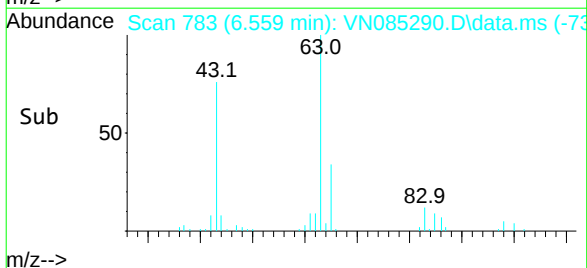
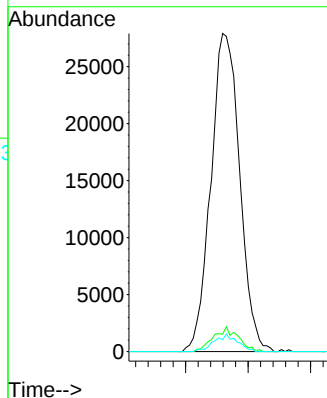
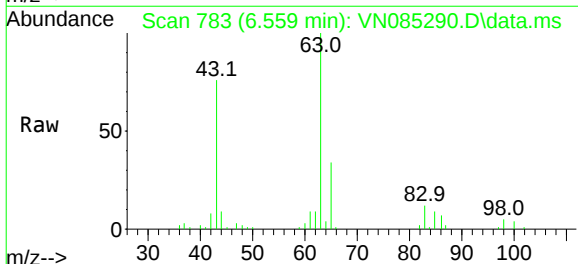
Tgt Ion: 63 Resp: 89383

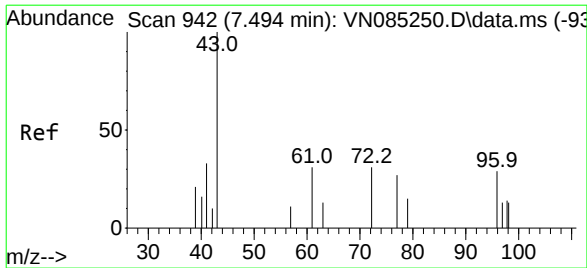
Ion Ratio Lower Upper

63 100

98 5.5 2.9 8.6

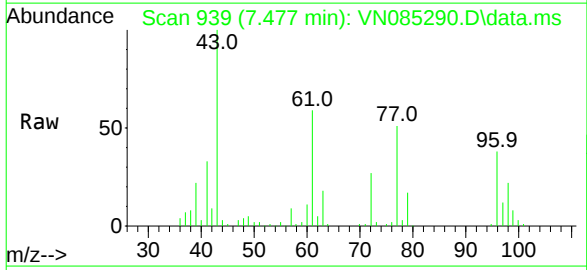
100 3.7 2.1 6.5





#25
2-Butanone
Concen: 74.230 ug/l
RT: 7.477 min Scan# 93
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

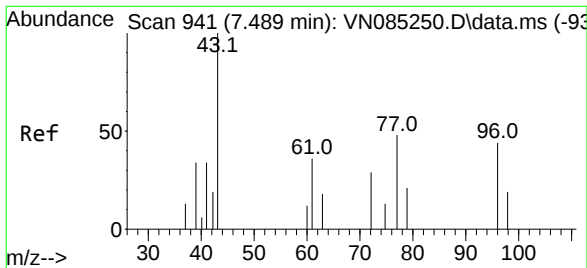
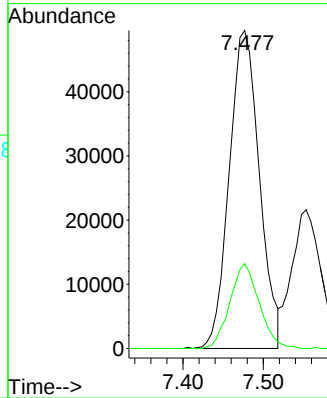
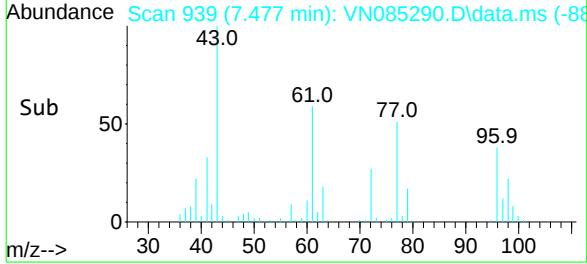
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02



Tgt Ion: 43 Resp: 129517
Ion Ratio Lower Upper
43 100
72 26.7 19.6 29.4

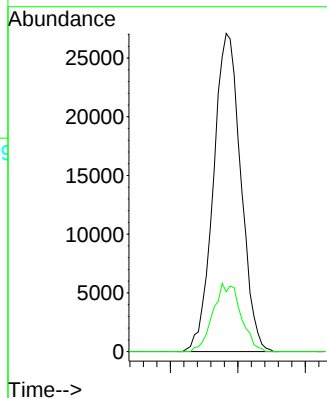
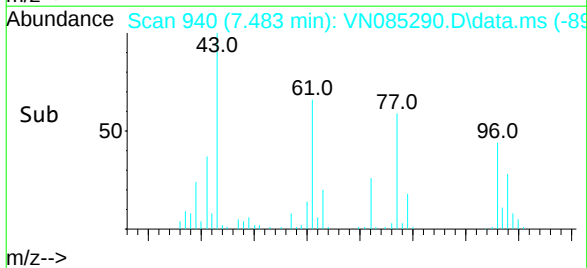
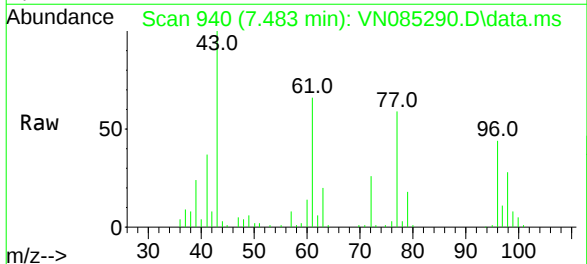
Manual Integrations
APPROVED

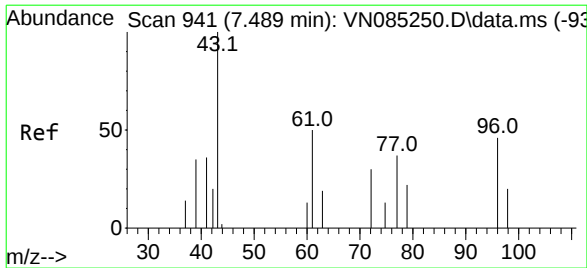
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#26
2,2-Dichloropropane
Concen: 17.900 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

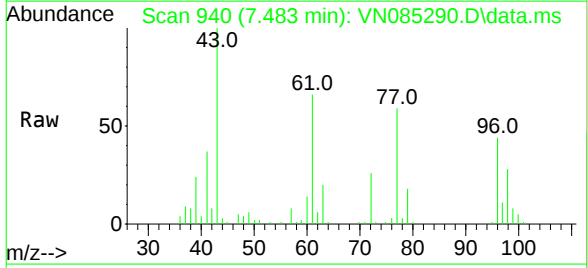
Tgt Ion: 77 Resp: 76460
Ion Ratio Lower Upper
77 100
97 21.7 10.5 31.6





#27
cis-1,2-Dichloroethene
Concen: 18.457 ug/l
RT: 7.483 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

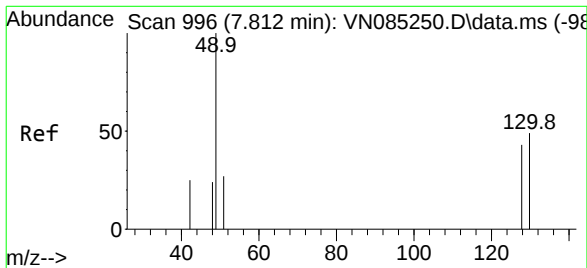
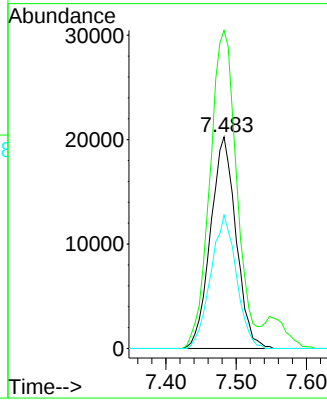
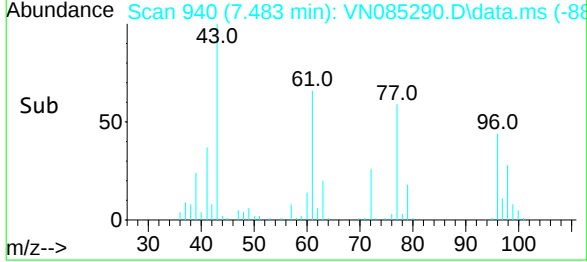
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02



Tgt Ion: 96 Resp: 51069
Ion Ratio Lower Upper
96 100
61 157.2 0.0 316.4
98 63.4 0.0 125.4

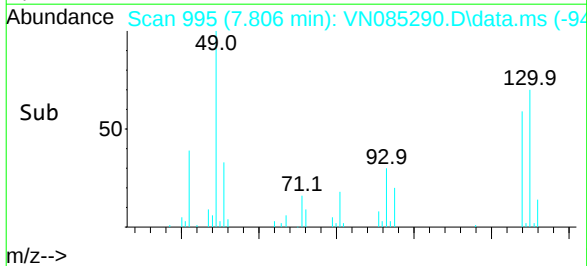
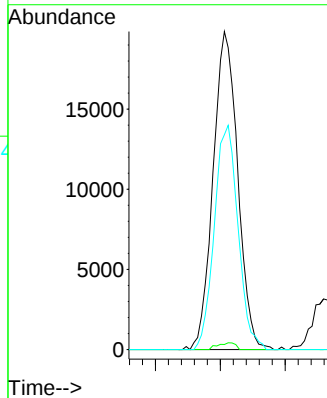
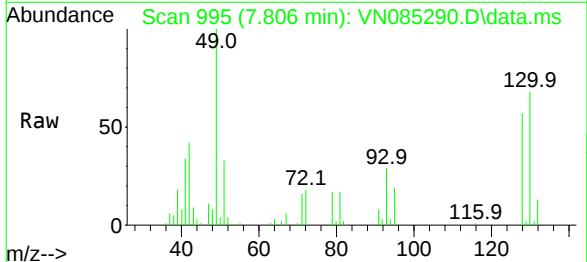
Manual Integrations
APPROVED

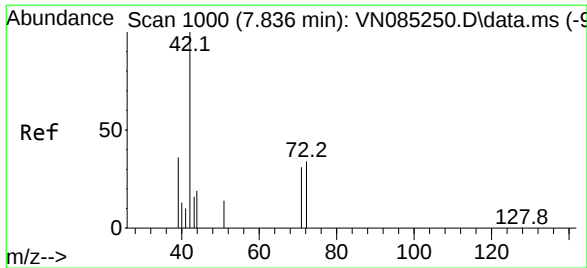
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#28
Bromochloromethane
Concen: 22.484 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Tgt Ion: 49 Resp: 52307
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.4
130 67.9 54.1 81.1





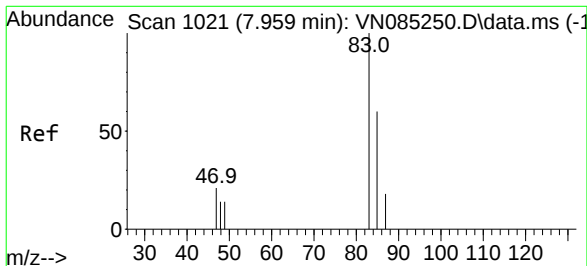
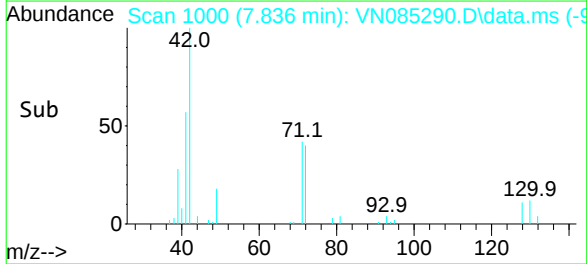
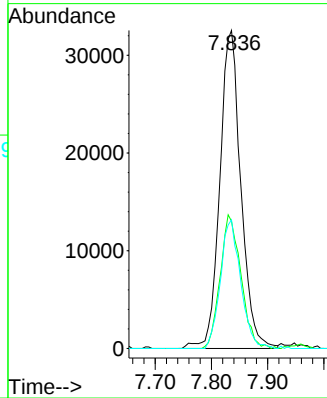
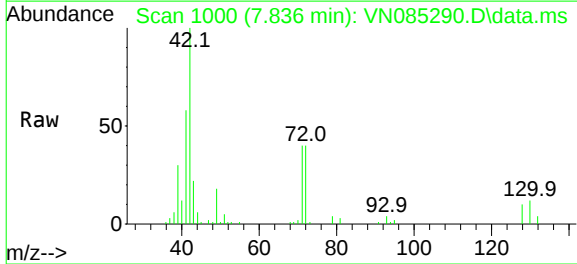
#29
Tetrahydrofuran
Concen: 75.257 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02

Tgt Ion: 42 Resp: 84644
Ion Ratio Lower Upper
42 100
72 41.4 32.7 49.1
71 38.8 31.4 47.2

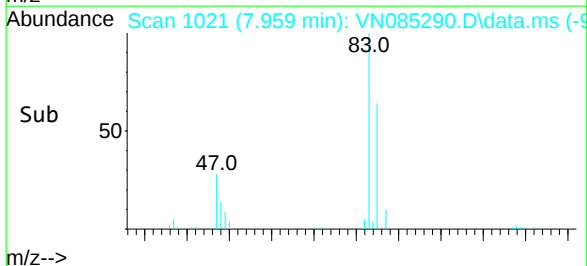
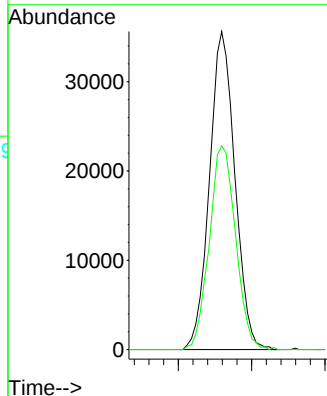
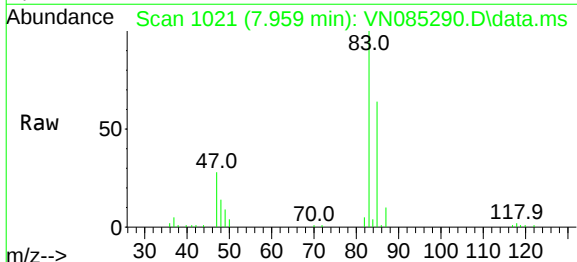
Manual Integrations
APPROVED

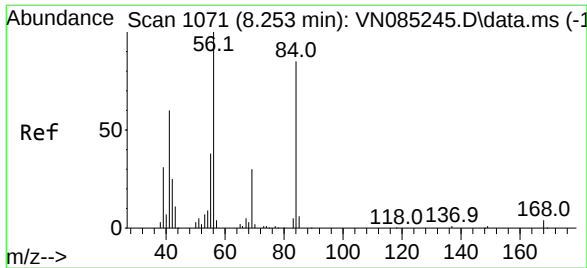
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#30
Chloroform
Concen: 17.419 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Tgt Ion: 83 Resp: 85809
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.0





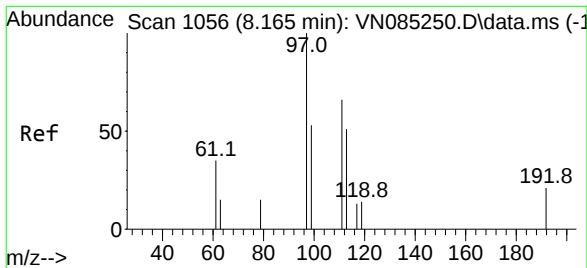
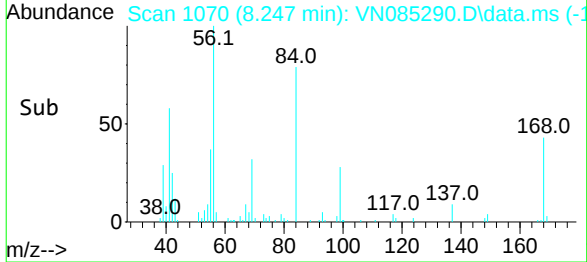
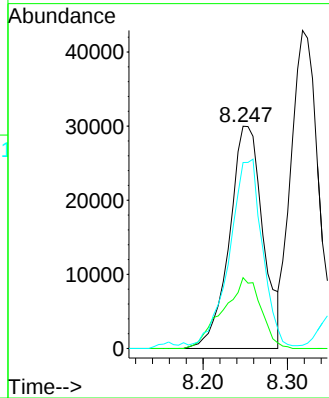
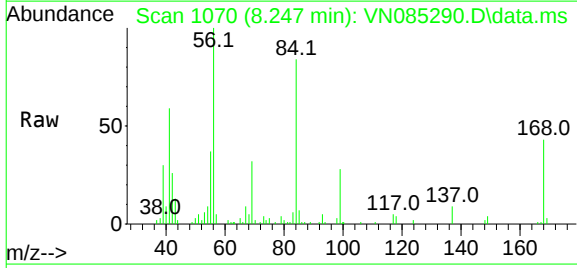
#31
Cyclohexane
Concen: 19.392 ug/l
RT: 8.247 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02

Tgt Ion:	56	Resp:	82810
Ion	Ratio	Lower	Upper
56	100		
69	31.9	23.6	35.4
84	82.2	66.6	99.8

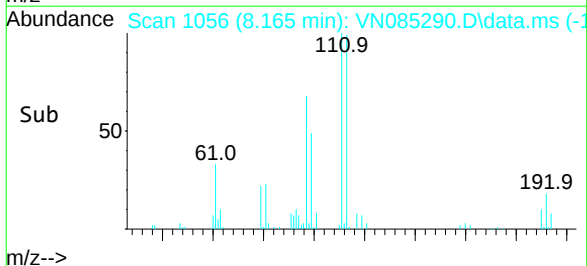
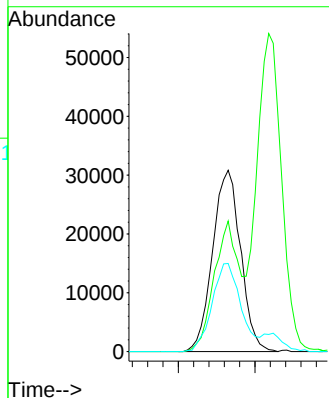
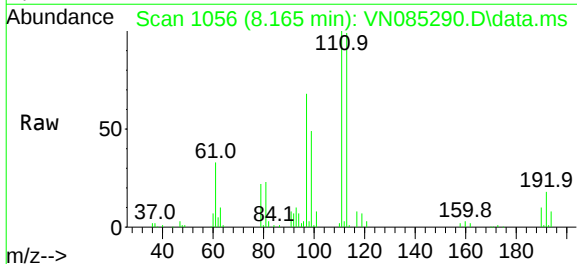
Manual Integrations
APPROVED

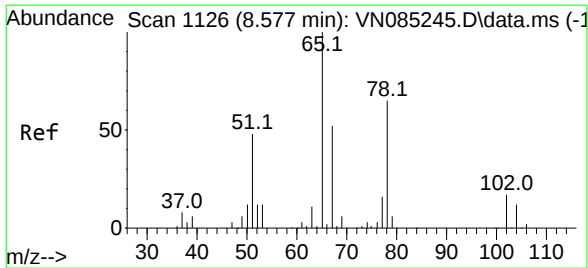
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#32
1,1,1-Trichloroethane
Concen: 17.804 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

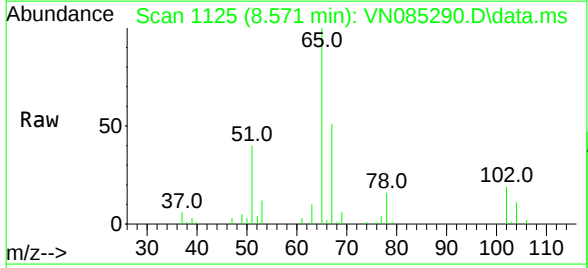
Tgt Ion:	97	Resp:	78172
Ion	Ratio	Lower	Upper
97	100		
99	61.7	51.4	77.0
61	50.3	40.4	60.6





#33
1,2-Dichloroethane-d4
Concen: 44.891 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

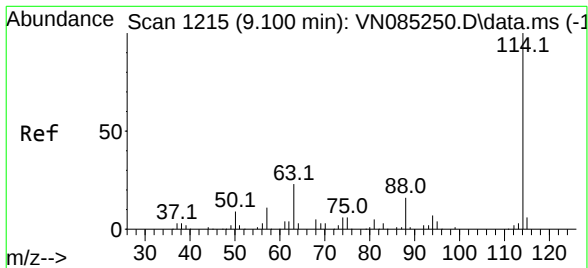
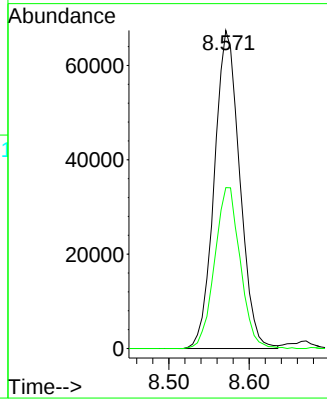
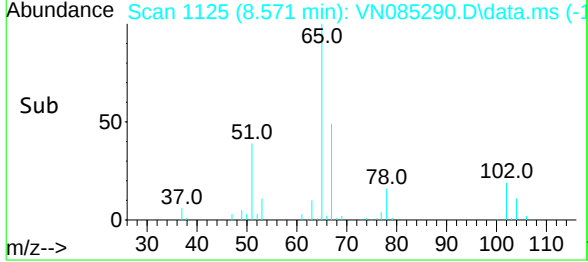
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02



Tgt Ion: 65 Resp: 148175
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.2

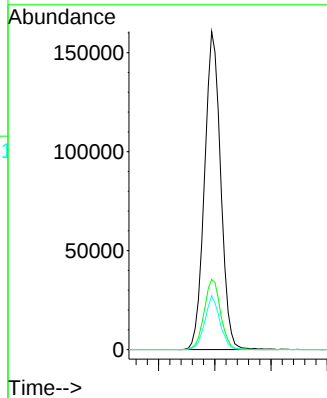
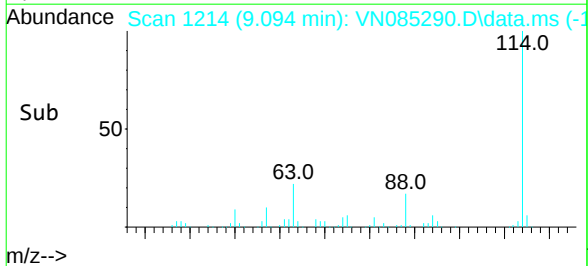
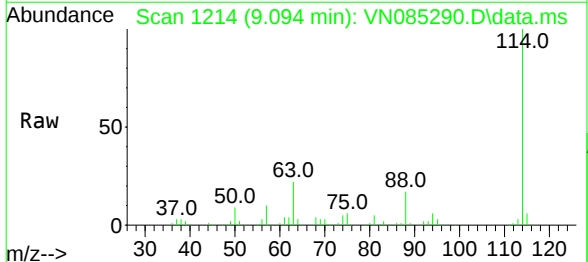
Manual Integrations
APPROVED

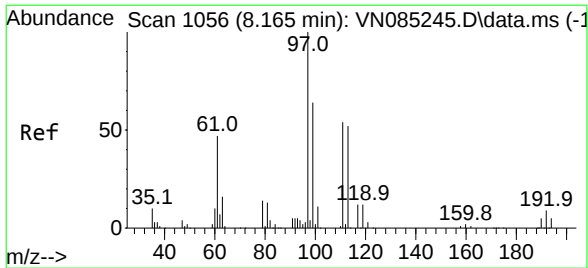
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Tgt Ion:114 Resp: 320551
Ion Ratio Lower Upper
114 100
63 22.1 0.0 46.2
88 17.0 0.0 32.6





#35
 Dibromofluoromethane
 Concen: 48.800 ug/l
 RT: 8.159 min Scan# 1097
 Delta R.T. -0.006 min
 Lab File: VN085290.D
 Acq: 23 Dec 2024 13:29

Instrument :

MSVOA_N

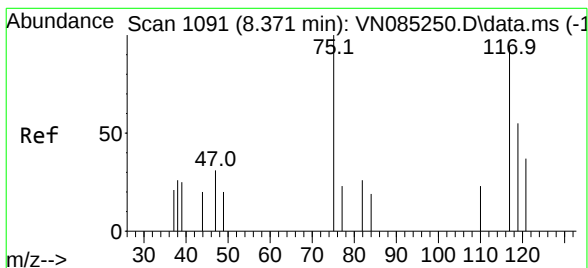
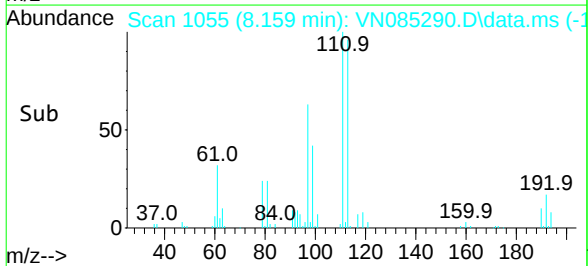
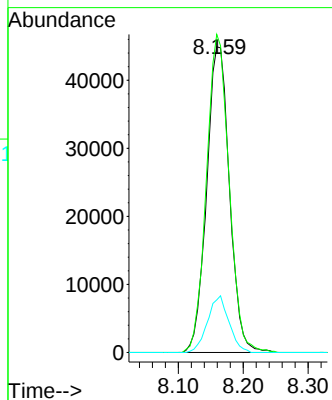
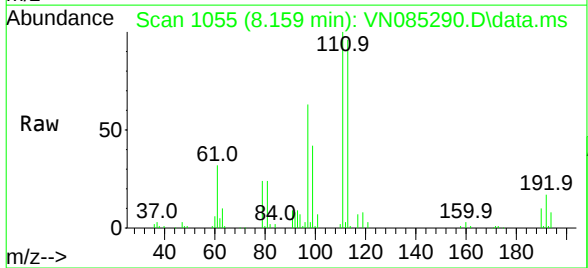
ClientSampleId :

VN1223WBS02

Tgt Ion:	113	Resp:	109977
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.1	123.1
192	17.4	13.4	20.0

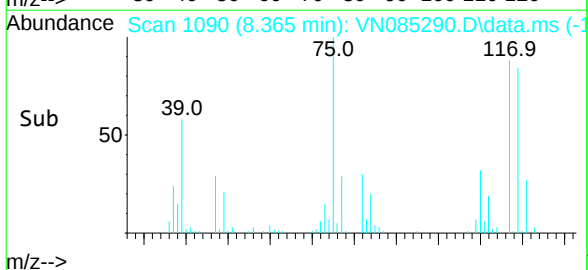
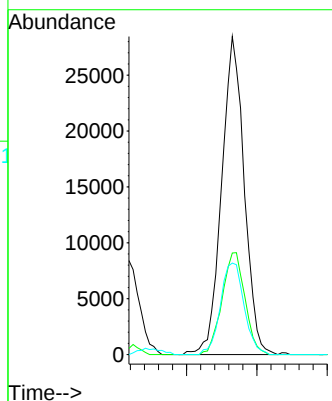
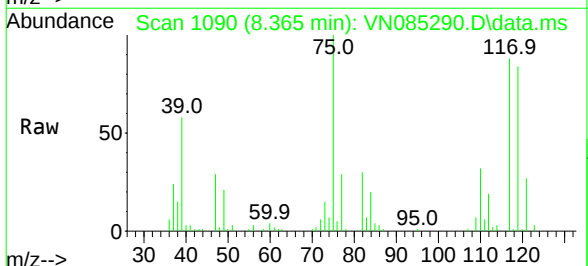
Manual Integrations
 APPROVED

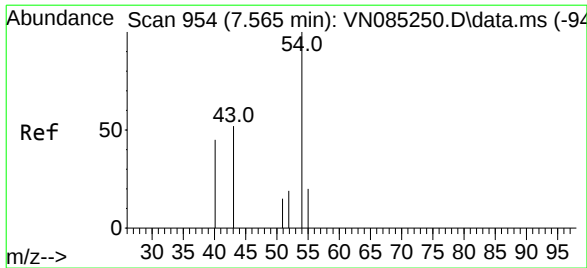
Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024



#36
 1,1-Dichloropropene
 Concen: 20.236 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VN085290.D
 Acq: 23 Dec 2024 13:29

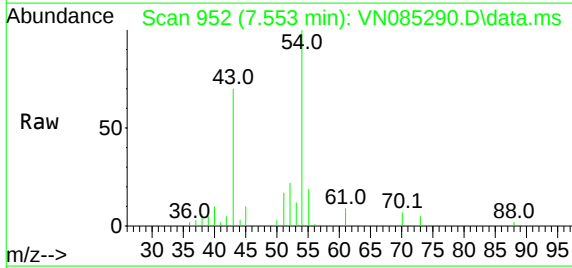
Tgt Ion:	75	Resp:	63501
Ion	Ratio	Lower	Upper
75	100		
110	32.6	16.0	48.0
77	30.2	24.6	36.8





#37
Ethyl Acetate
Concen: 15.319 ug/l
RT: 7.553 min Scan# 954
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

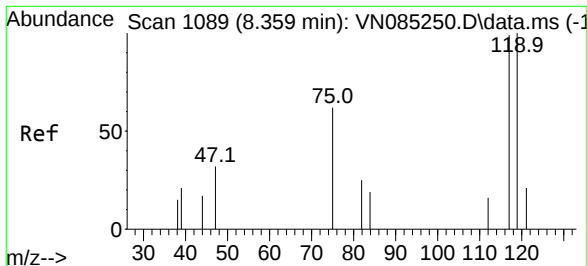
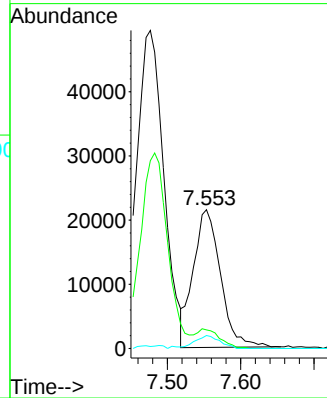
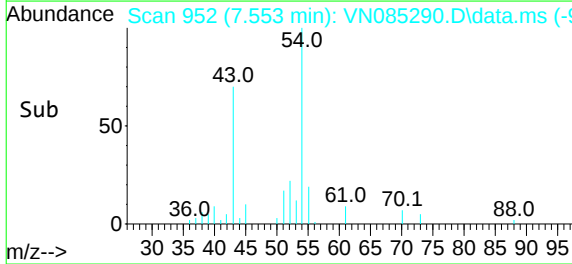
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02



Tgt Ion: 43 Resp: 55458
Ion Ratio Lower Upper
43 100
61 11.6 9.8 14.6
70 8.9 7.8 11.8

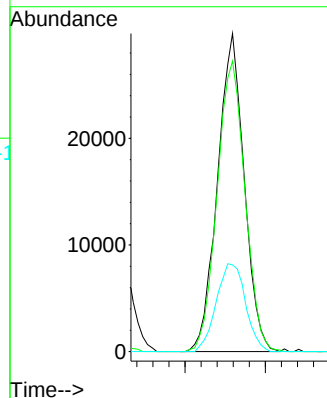
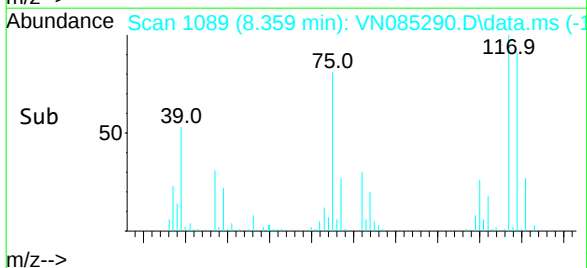
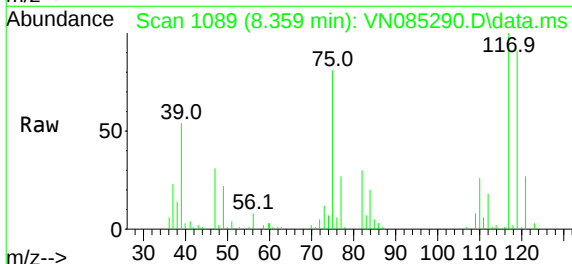
Manual Integrations
APPROVED

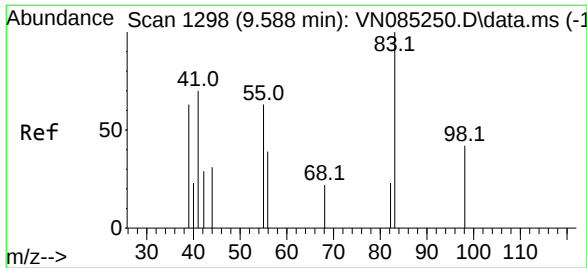
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#38
Carbon Tetrachloride
Concen: 18.084 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Tgt Ion:117 Resp: 68614
Ion Ratio Lower Upper
117 100
119 91.3 74.8 112.2
121 27.3 24.2 36.4





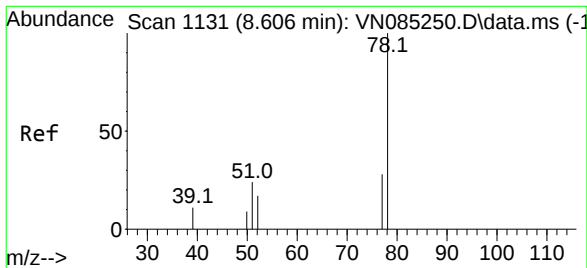
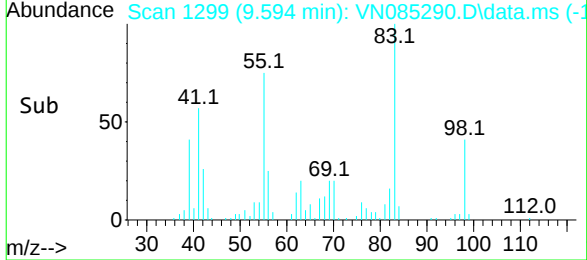
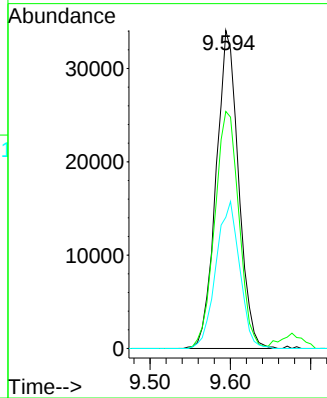
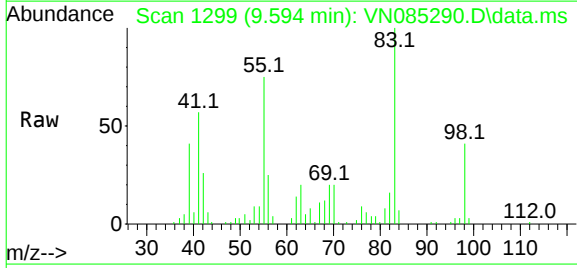
#39
Methylcyclohexane
Concen: 20.245 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02

Tgt Ion: 83 Resp: 66110
Ion Ratio Lower Upper
83 100
55 74.5 66.8 100.2
98 41.3 39.4 59.2

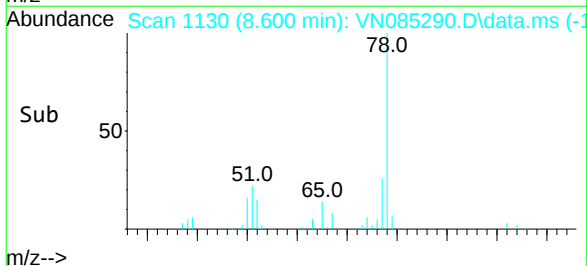
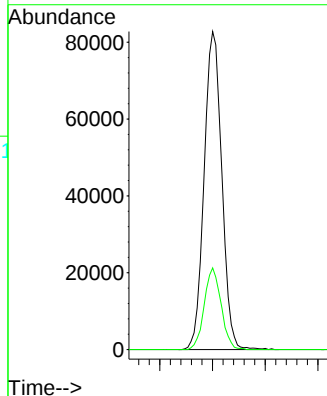
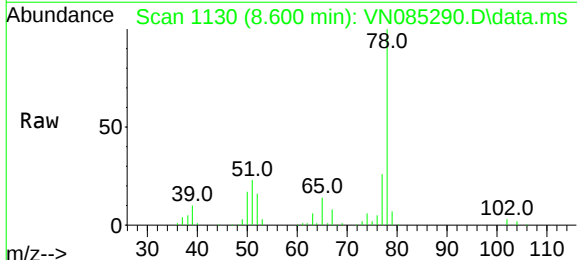
Manual Integrations
APPROVED

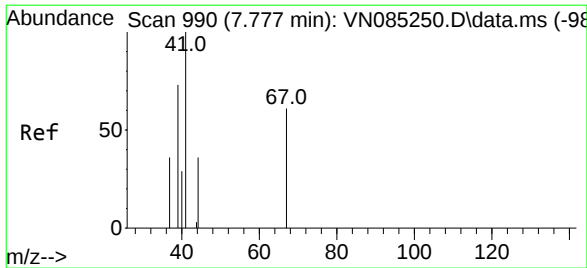
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#40
Benzene
Concen: 19.755 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Tgt Ion: 78 Resp: 192862
Ion Ratio Lower Upper
78 100
77 25.7 18.9 28.3





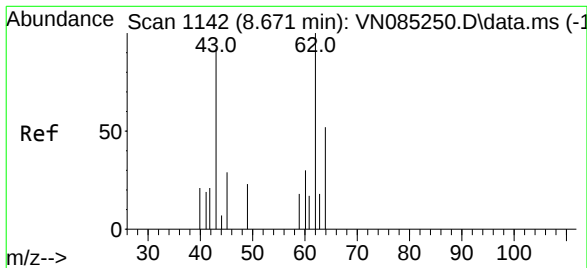
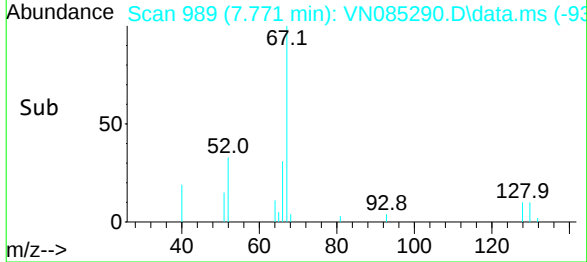
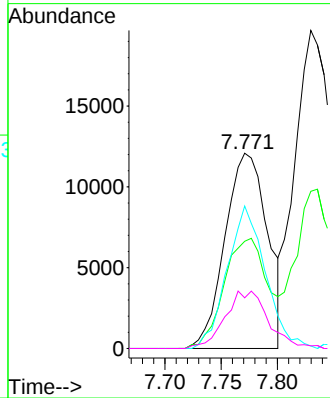
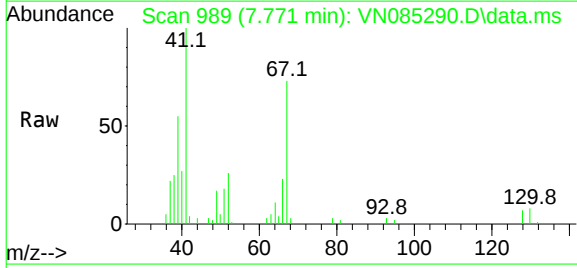
#41
Methacrylonitrile
Concen: 17.230 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02

Tgt Ion:	41	Resp:	31789
Ion	Ratio	Lower	Upper
41	100		
39	57.7	44.0	66.0
67	65.6	56.0	84.0
52	29.9	25.8	38.6

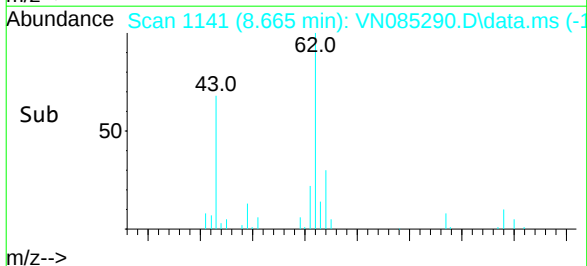
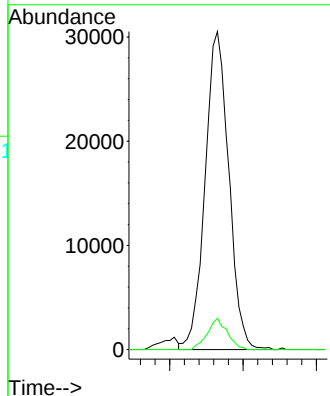
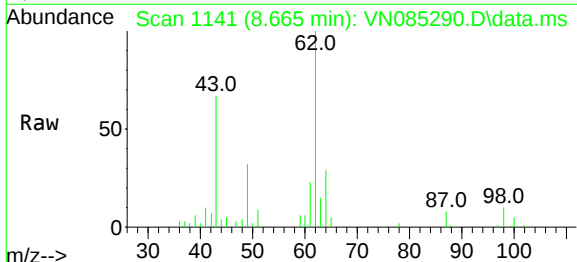
Manual Integrations
APPROVED

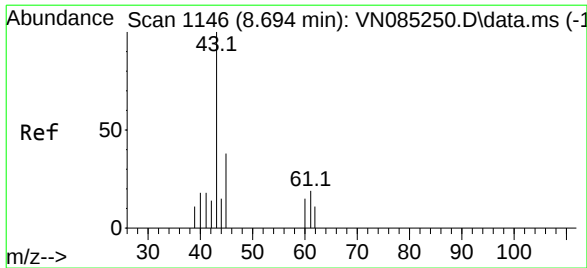
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#42
1,2-Dichloroethane
Concen: 18.442 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Tgt Ion:	62	Resp:	68577
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.4





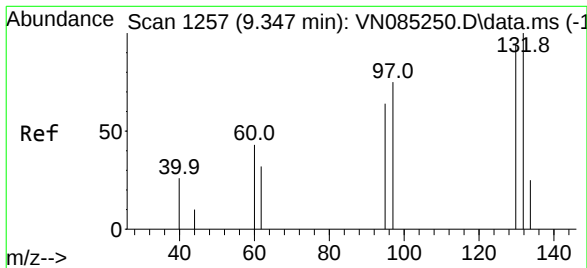
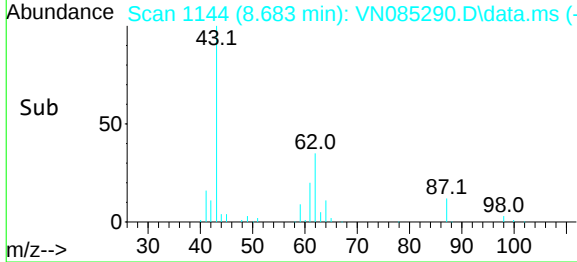
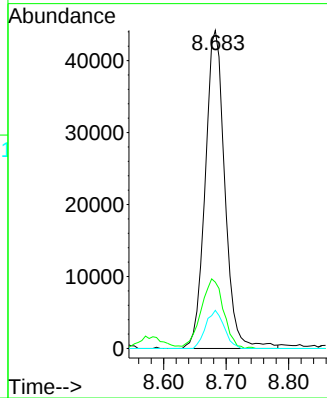
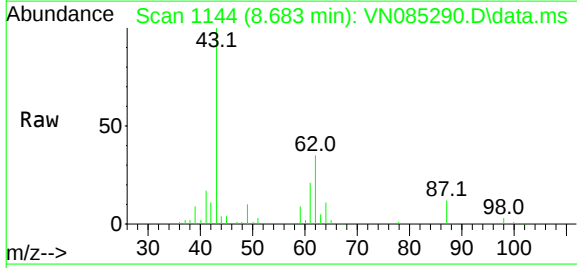
#43
Isopropyl Acetate
Concen: 14.561 ug/l
RT: 8.683 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	25.1	19.0	28.4
87	11.3	9.3	13.9

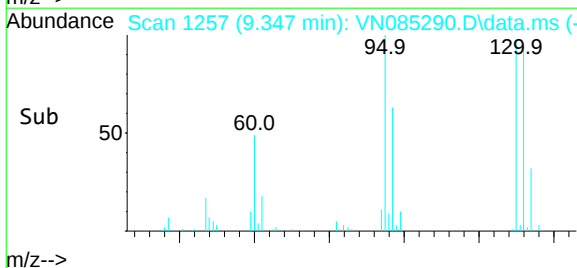
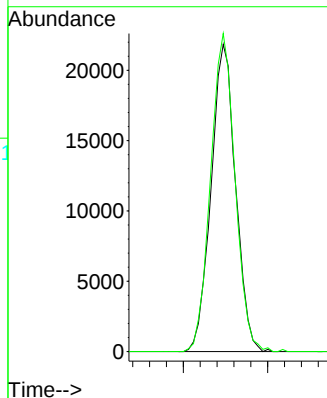
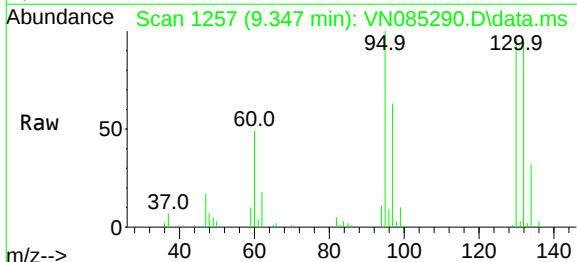
Manual Integrations
APPROVED

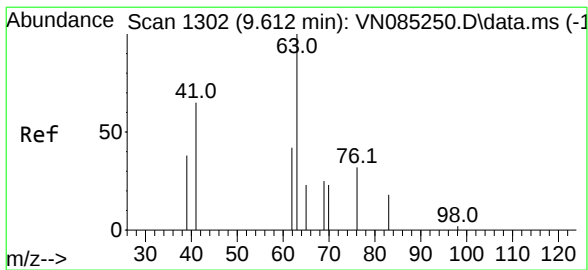
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#44
Trichloroethene
Concen: 20.275 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.5	0.0	207.6





#45

1,2-Dichloropropane

Concen: 19.972 ug/l

RT: 9.618 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN085290.D

Acq: 23 Dec 2024 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS02

Tgt Ion: 63 Resp: 48275

Ion Ratio Lower Upper

63 100

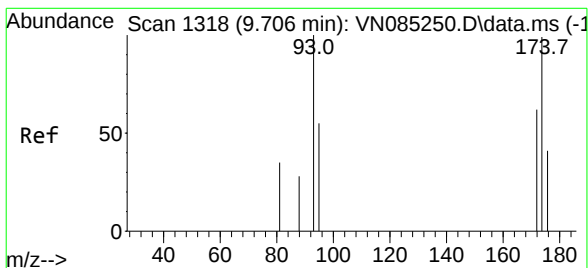
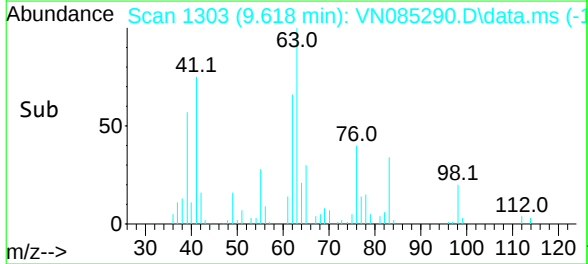
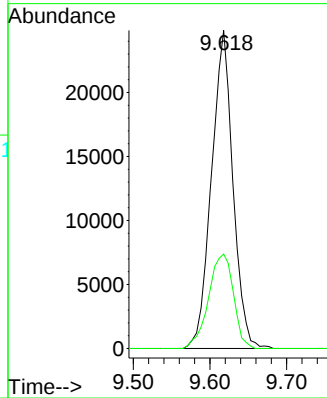
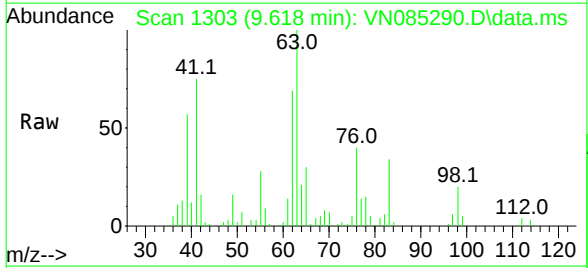
65 29.7 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#46

Dibromomethane

Concen: 18.324 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085290.D

Acq: 23 Dec 2024 13:29

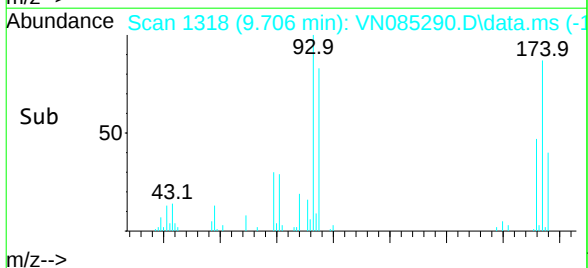
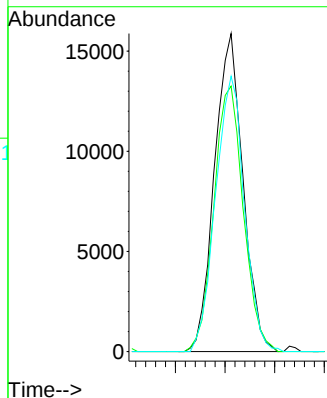
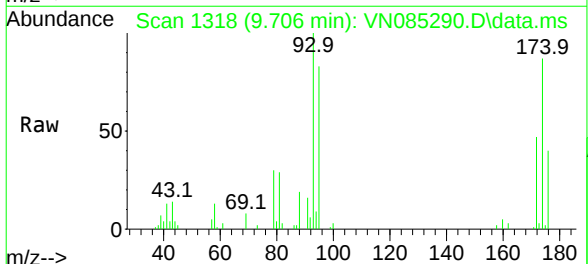
Tgt Ion: 93 Resp: 31619

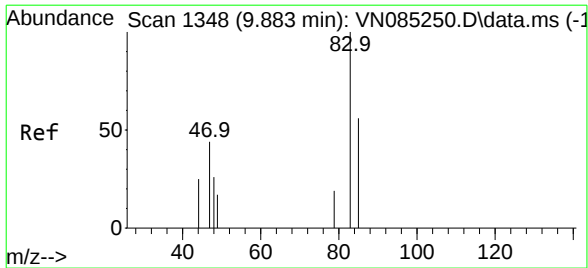
Ion Ratio Lower Upper

93 100

95 86.4 67.0 100.6

174 87.9 69.3 103.9





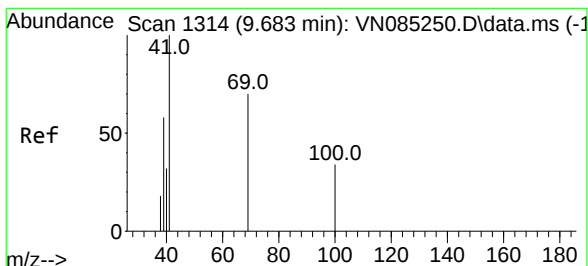
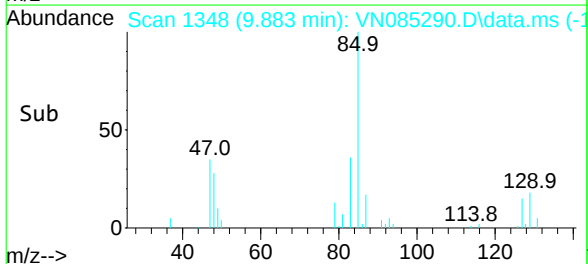
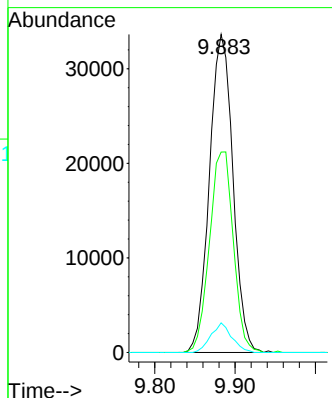
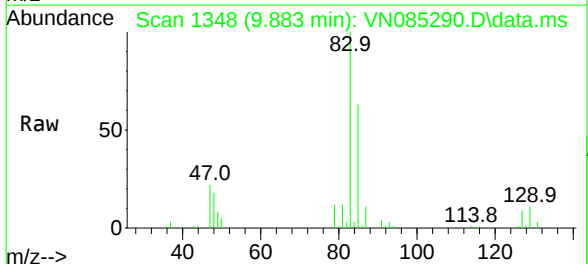
#47
Bromodichloromethane
Concen: 18.498 ug/l
RT: 9.883 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02

Tgt Ion: 83	Resp: 68387
Ion Ratio	Lower Upper
83 100	
85 63.0	51.0 76.4
127 9.3	6.3 9.5

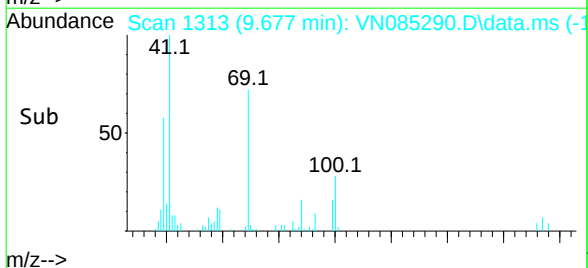
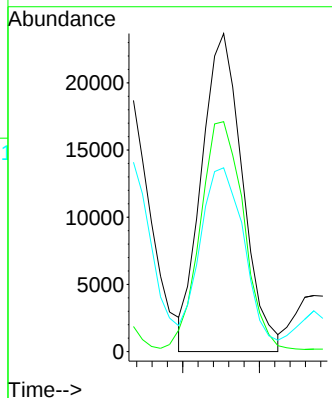
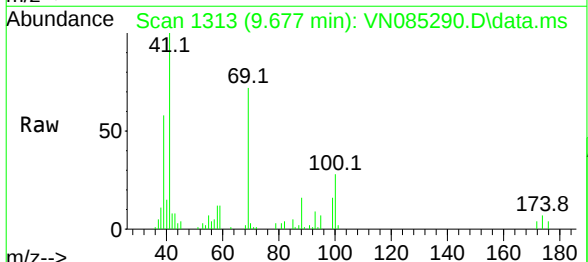
Manual Integrations
APPROVED

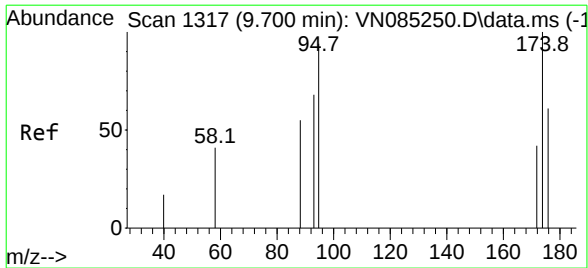
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#48
Methyl methacrylate
Concen: 16.166 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

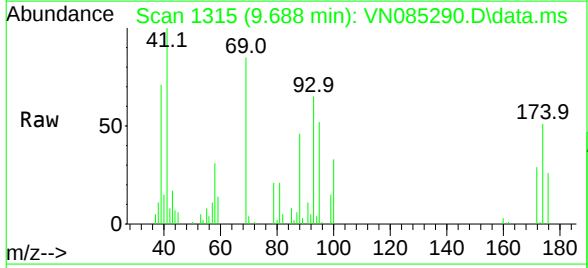
Tgt Ion: 41	Resp: 43875
Ion Ratio	Lower Upper
41 100	
69 78.1	61.0 91.4
39 63.3	49.8 74.8





#49
1,4-Dioxane
Concen: 299.766 ug/l
RT: 9.688 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

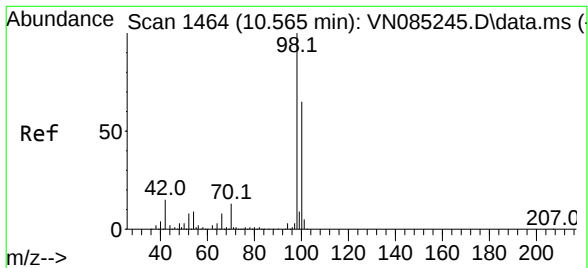
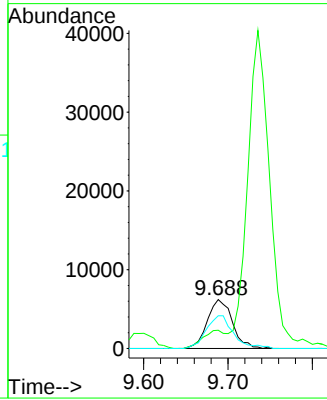
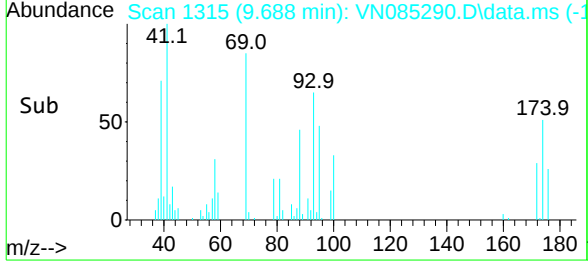
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02



Tgt Ion: 88 Resp: 12827
Ion Ratio Lower Upper
88 100
43 36.3 25.6 38.4
58 72.3 56.5 84.7

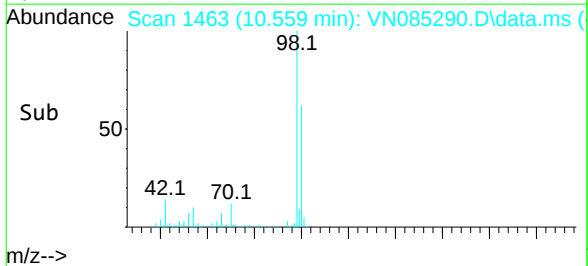
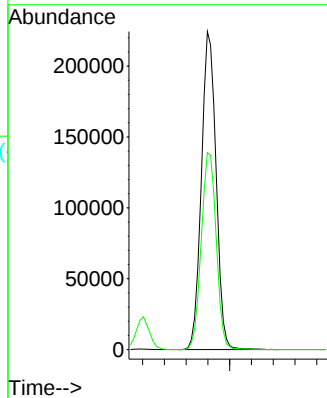
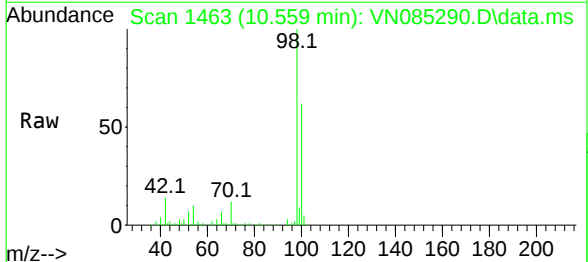
Manual Integrations
APPROVED

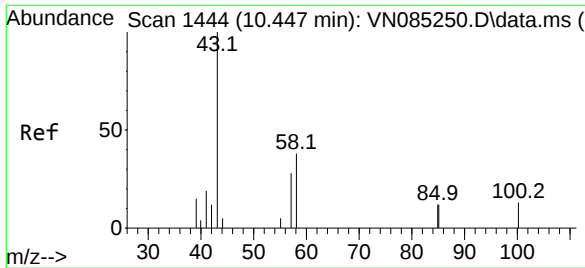
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#50
Toluene-d8
Concen: 50.985 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Tgt Ion: 98 Resp: 419960
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4





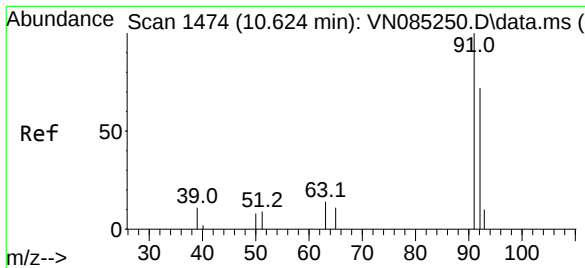
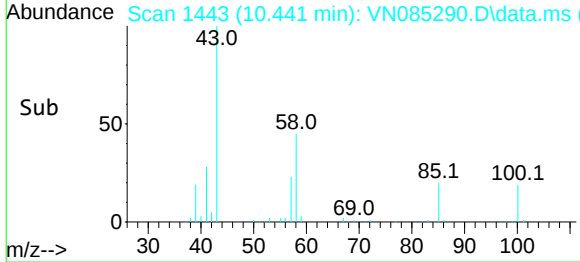
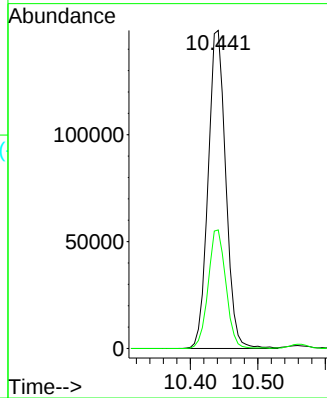
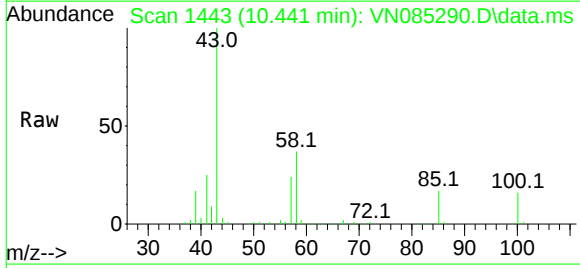
#51
4-Methyl-2-Pentanone
Concen: 77.667 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02

Tgt Ion: 43 Resp: 270176
Ion Ratio Lower Upper
43 100
58 37.4 29.4 44.2

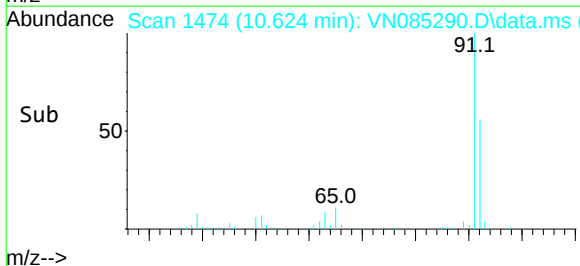
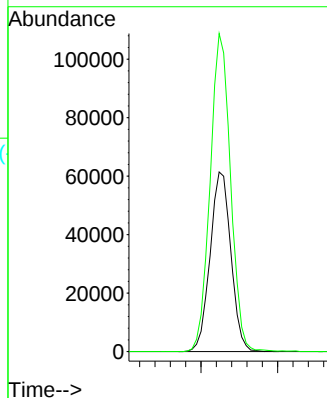
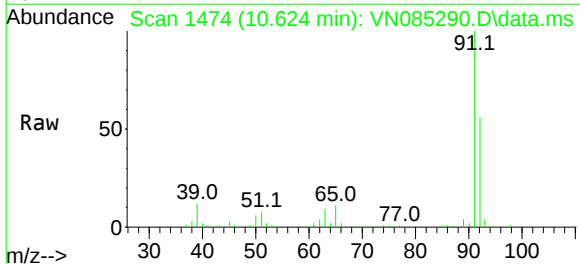
Manual Integrations
APPROVED

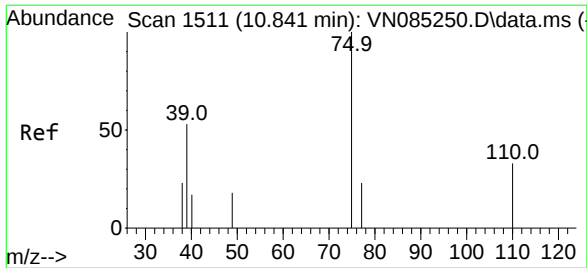
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#52
Toluene
Concen: 19.714 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

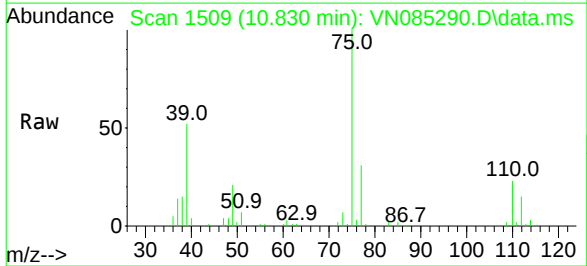
Tgt Ion: 92 Resp: 115723
Ion Ratio Lower Upper
92 100
91 173.6 138.9 208.3





#53
t-1,3-Dichloropropene
Concen: 18.259 ug/l
RT: 10.830 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

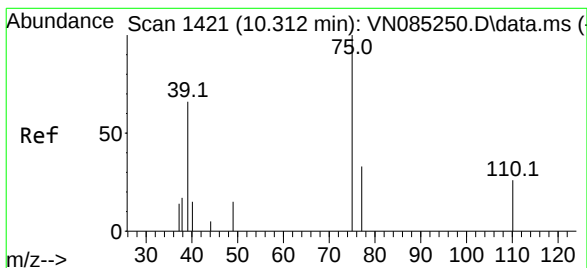
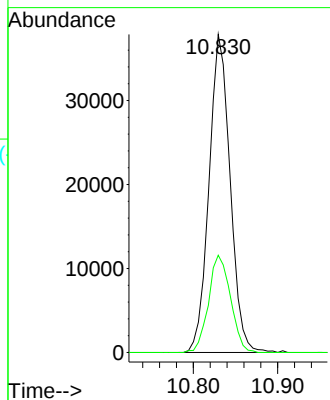
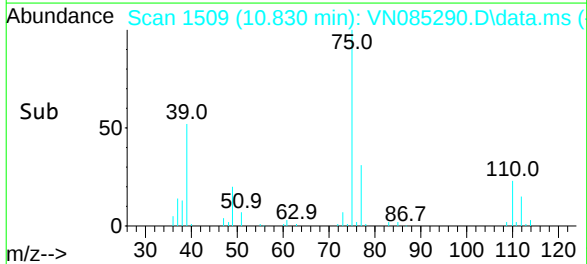
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02



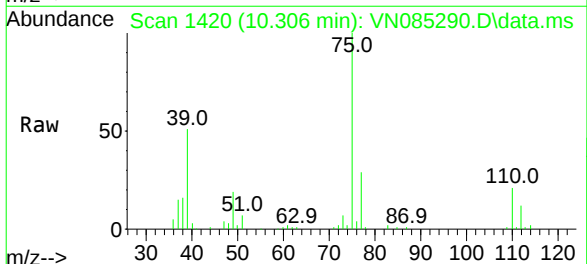
Tgt Ion: 75 Resp: 65798
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0

Manual Integrations
APPROVED

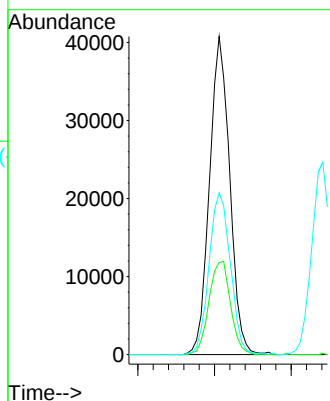
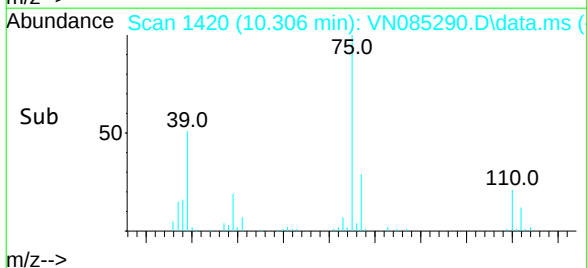
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

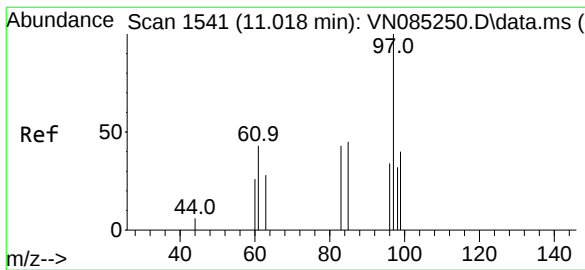


#54
cis-1,3-Dichloropropene
Concen: 19.503 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29



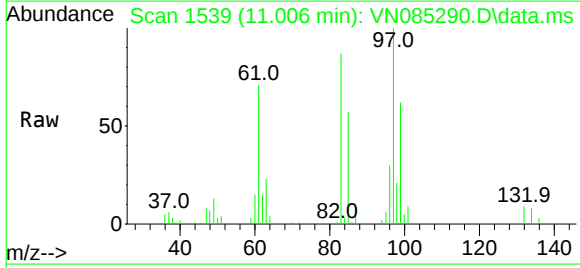
Tgt Ion: 75 Resp: 74722
Ion Ratio Lower Upper
75 100
77 29.0 26.6 39.8
39 50.9 45.3 67.9





#55
1,1,2-Trichloroethane
Concen: 18.348 ug/l
RT: 11.006 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

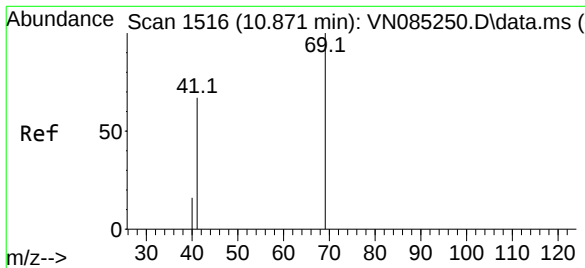
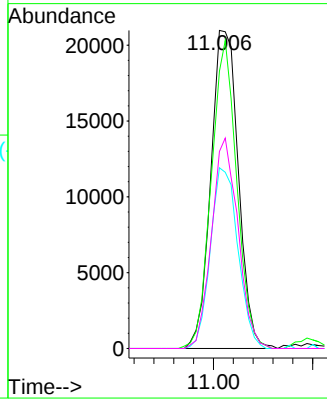
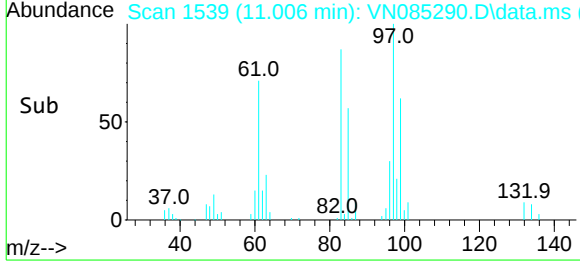
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02



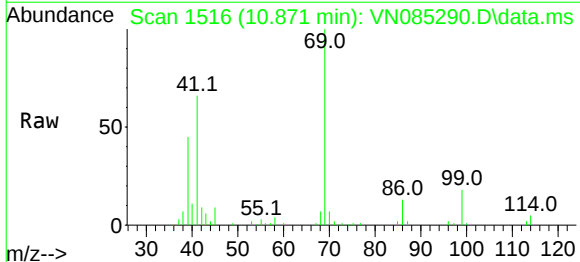
Tgt Ion: 97 Resp: 40329
Ion Ratio Lower Upper
97 100
83 87.2 69.6 104.4
85 56.8 45.7 68.5
99 62.0 50.4 75.6

Manual Integrations
APPROVED

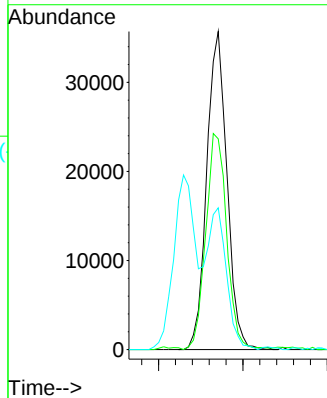
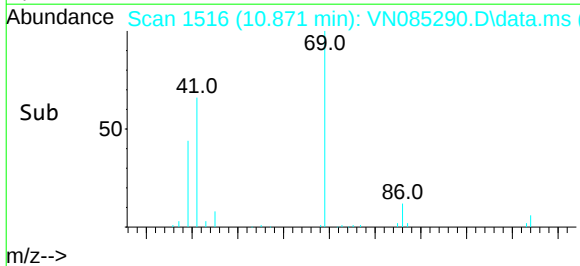
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

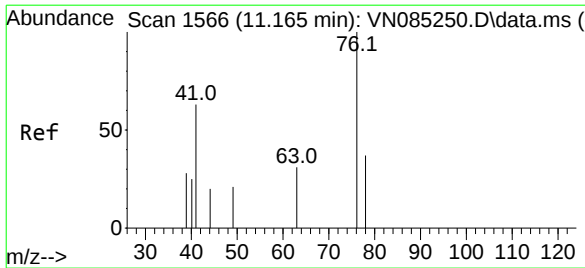


#56
Ethyl methacrylate
Concen: 15.831 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29



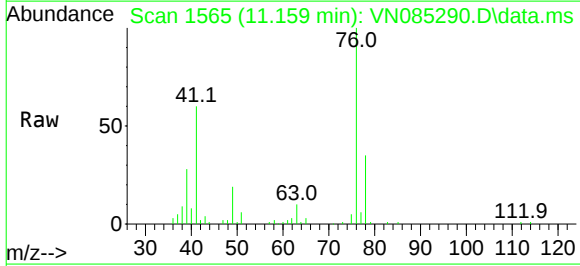
Tgt Ion: 69 Resp: 59474
Ion Ratio Lower Upper
69 100
41 70.5 57.5 86.3
39 40.0 33.4 50.2





#57
1,3-Dichloropropane
Concen: 19.217 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

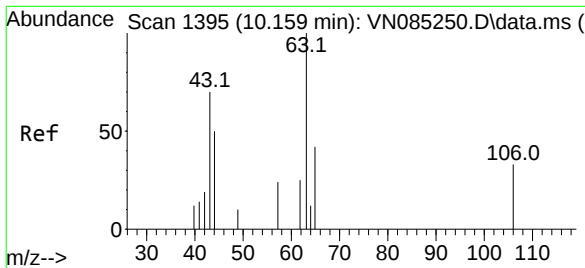
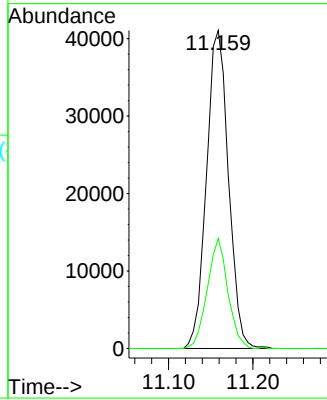
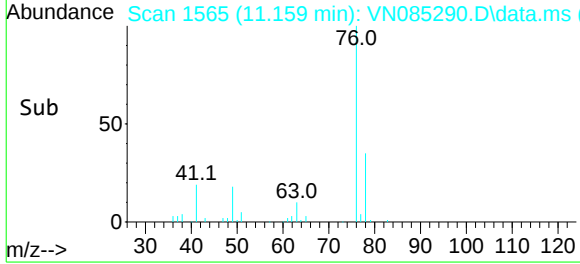
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02



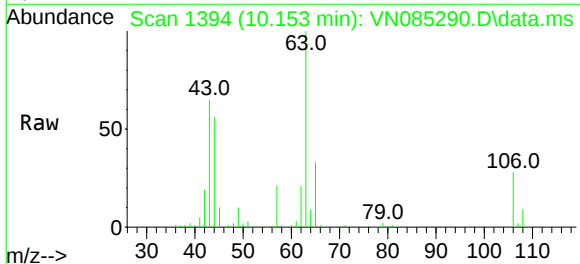
Tgt Ion: 76 Resp: 74343
Ion Ratio Lower Upper
76 100
78 32.3 25.4 38.2

Manual Integrations
APPROVED

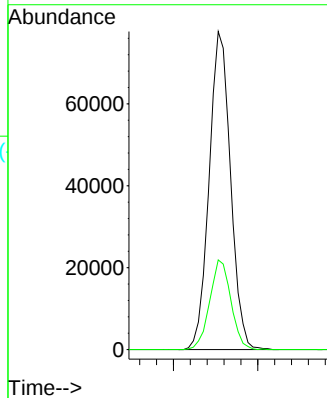
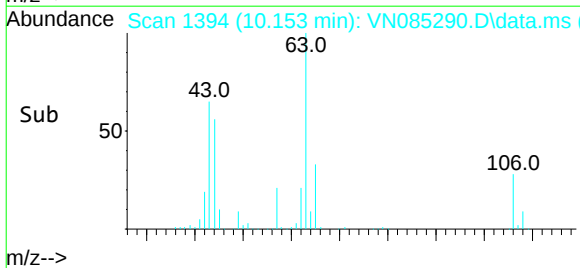
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

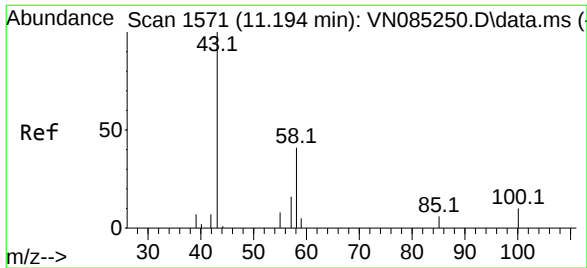


#58
2-Chloroethyl Vinyl ether
Concen: 80.250 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29



Tgt Ion: 63 Resp: 136825
Ion Ratio Lower Upper
63 100
106 28.0 21.2 31.8





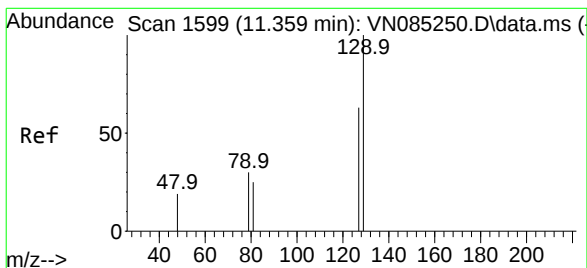
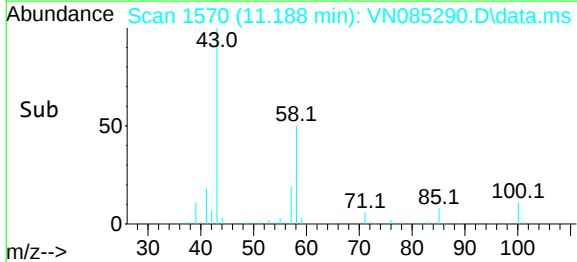
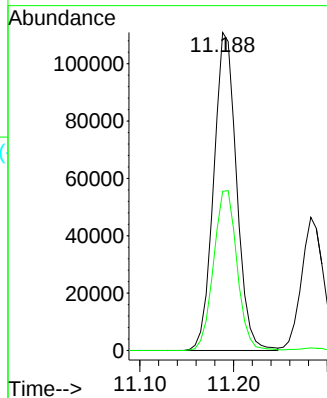
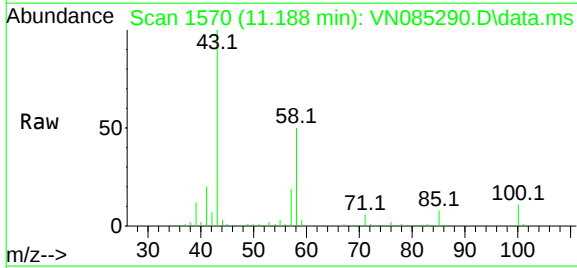
#59
2-Hexanone
Concen: 75.843 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02

Tgt Ion: 43 Resp: 188068
Ion Ratio Lower Upper
43 100
58 51.7 25.8 77.4

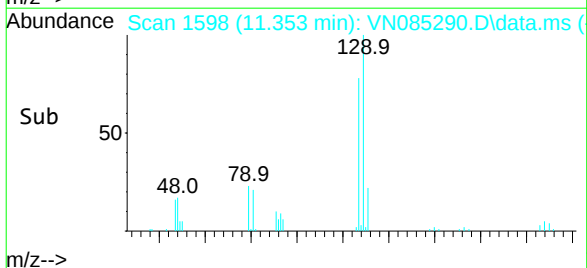
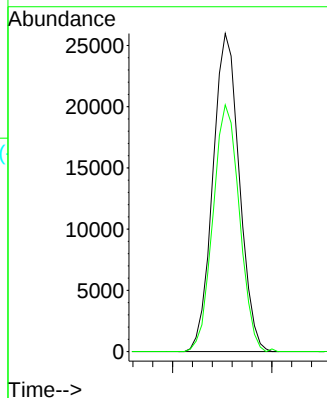
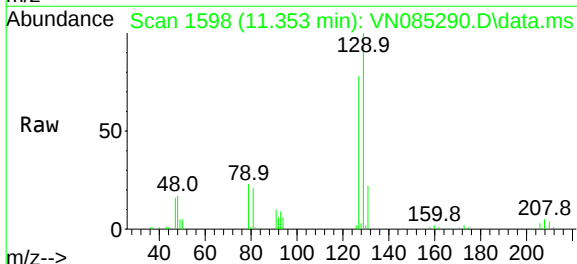
Manual Integrations
APPROVED

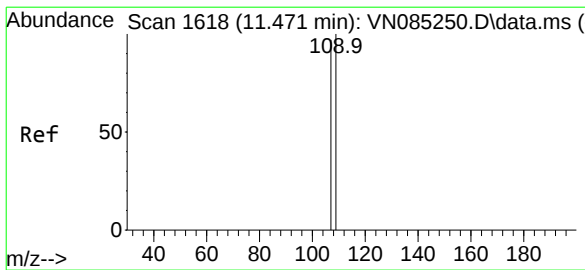
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#60
Dibromochloromethane
Concen: 18.479 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

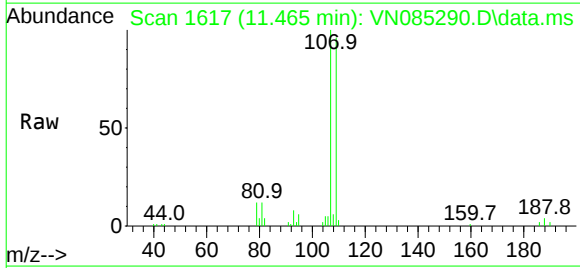
Tgt Ion:129 Resp: 48137
Ion Ratio Lower Upper
129 100
127 77.5 39.6 118.8





#61
1,2-Dibromoethane
Concen: 17.841 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

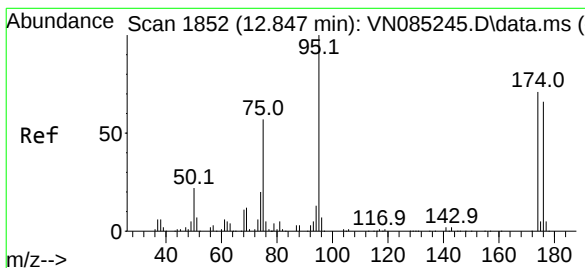
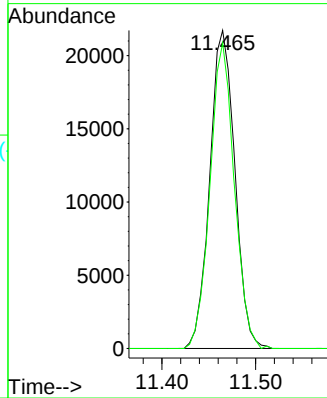
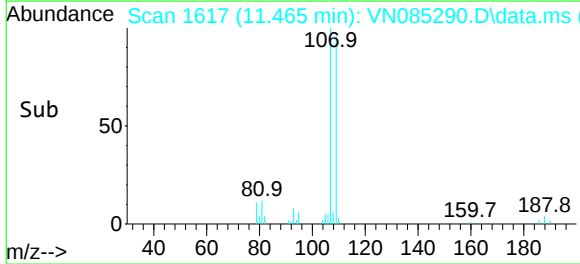
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02



Tgt Ion: 107 Resp: 40390
Ion Ratio Lower Upper
107 100
109 93.2 74.2 111.4

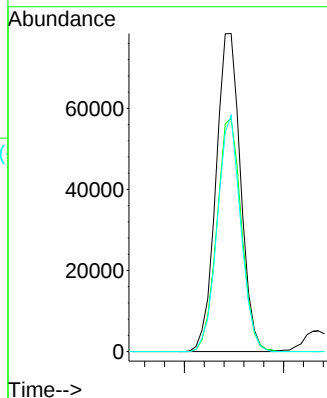
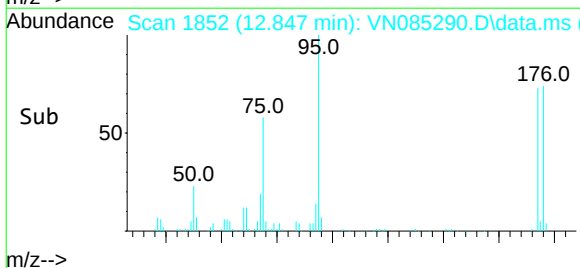
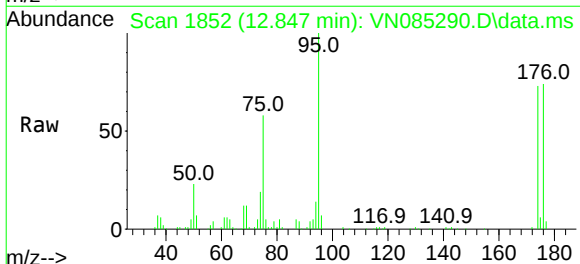
Manual Integrations
APPROVED

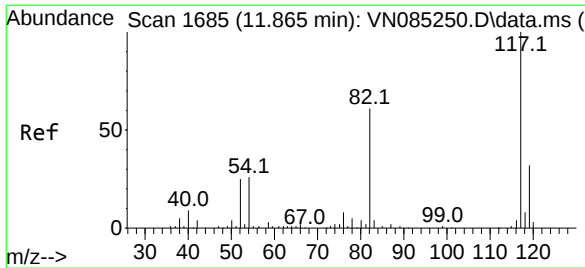
Reviewed By : John Carlone 12/26/2024
Supervised By : Mahesh Dadoda 12/26/2024



#62
4-Bromofluorobenzene
Concen: 45.996 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

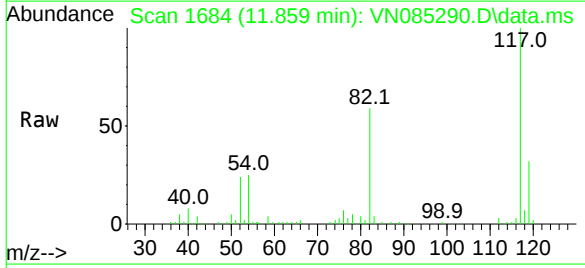
Tgt Ion: 95 Resp: 135323
Ion Ratio Lower Upper
95 100
174 73.1 0.0 144.4
176 70.7 0.0 136.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

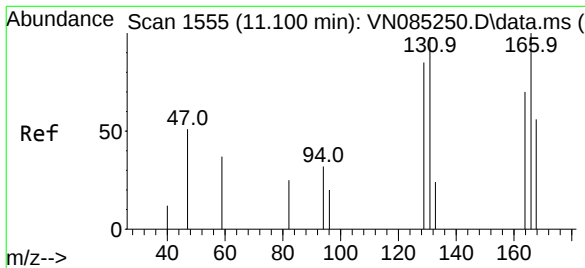
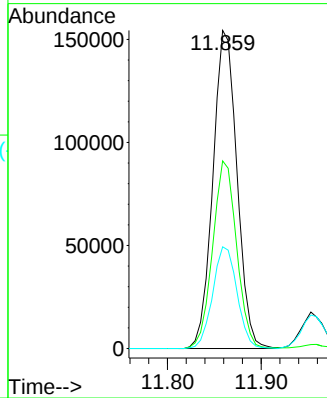
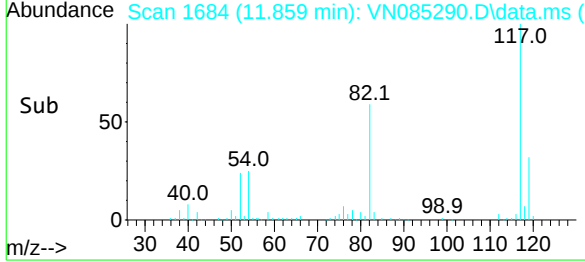
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02



Tgt Ion:117 Resp: 275426
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 32.0 25.6 38.4

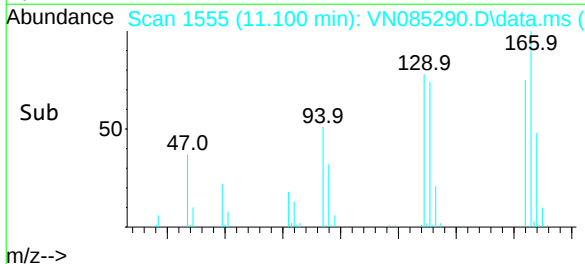
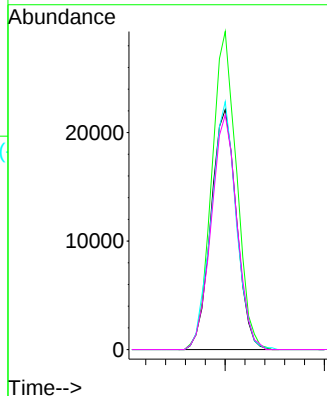
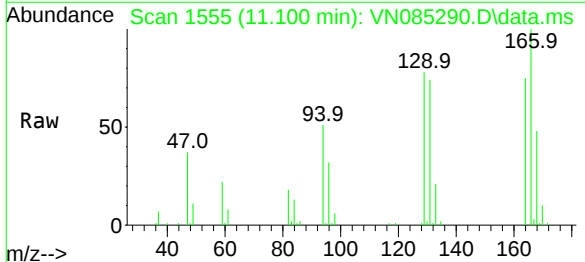
Manual Integrations
APPROVED

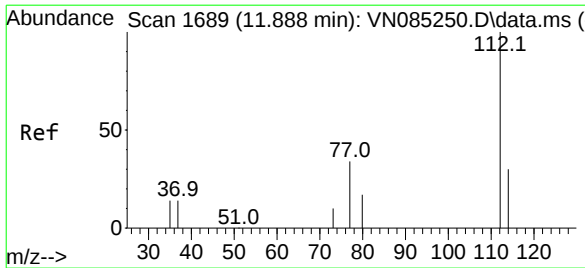
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#64
Tetrachloroethene
Concen: 21.315 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Tgt Ion:164 Resp: 39505
Ion Ratio Lower Upper
164 100
166 132.5 101.5 152.3
129 103.3 79.4 119.2
131 97.8 73.9 110.9





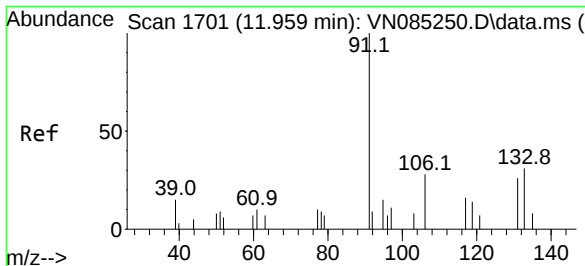
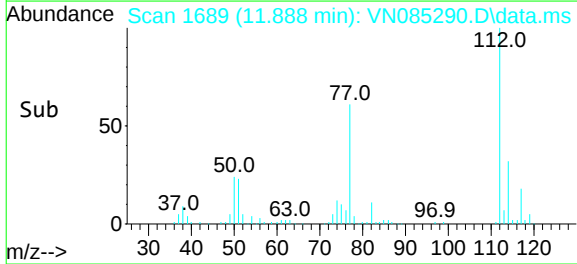
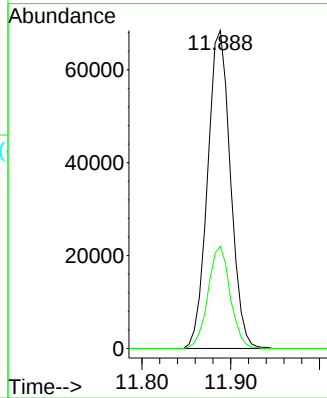
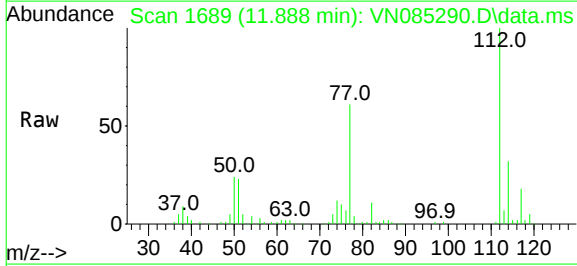
#65
Chlorobenzene
Concen: 19.763 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02

Tgt Ion:112 Resp: 122354
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4

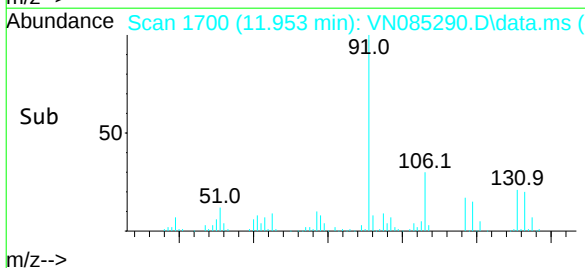
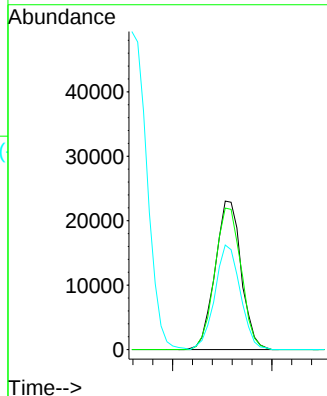
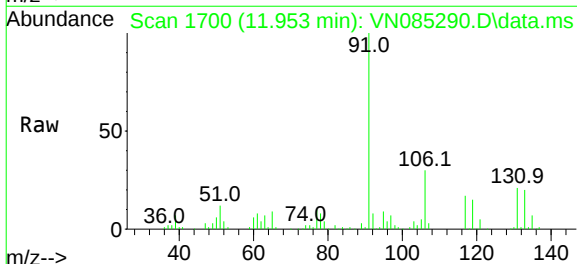
Manual Integrations
APPROVED

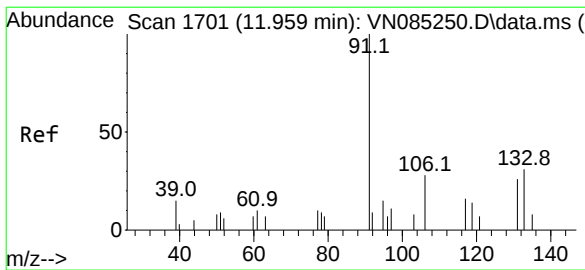
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.525 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Tgt Ion:131 Resp: 42174
Ion Ratio Lower Upper
131 100
133 96.2 48.6 145.8
119 68.4 32.5 97.5





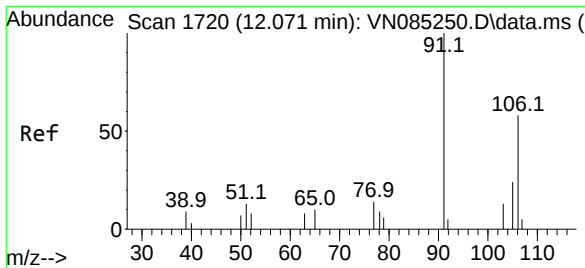
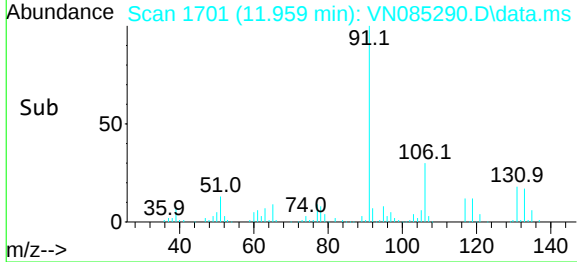
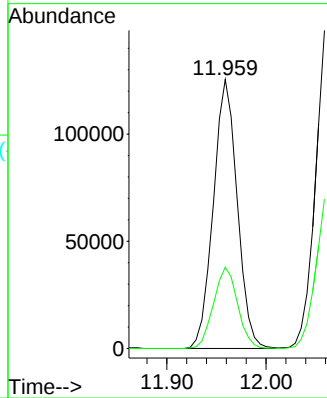
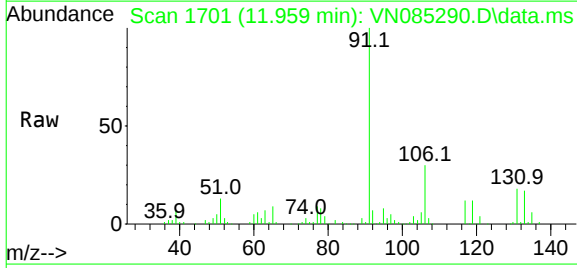
#67
Ethyl Benzene
Concen: 19.762 ug/l
RT: 11.959 min Scan# 1712
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02

Tgt Ion: 91 Resp: 209712
Ion Ratio Lower Upper
91 100
106 30.2 23.5 35.3

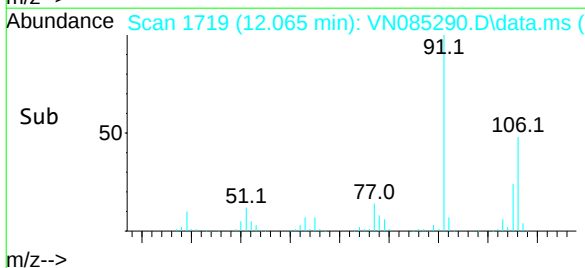
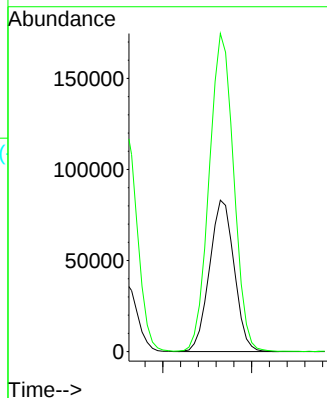
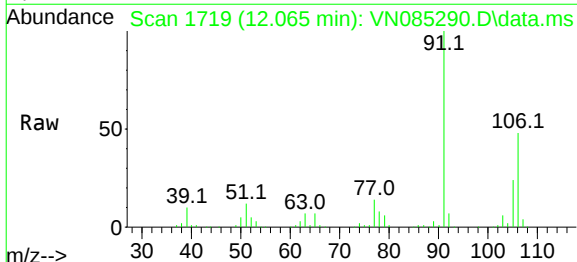
Manual Integrations
APPROVED

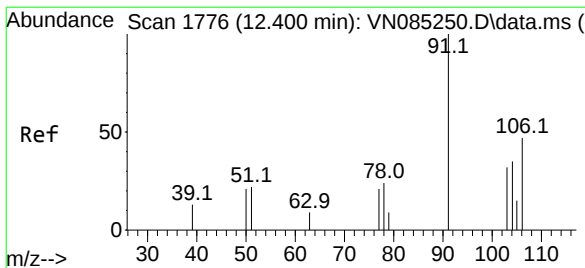
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#68
m/p-Xylenes
Concen: 40.471 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Tgt Ion:106 Resp: 160625
Ion Ratio Lower Upper
106 100
91 209.2 168.3 252.5





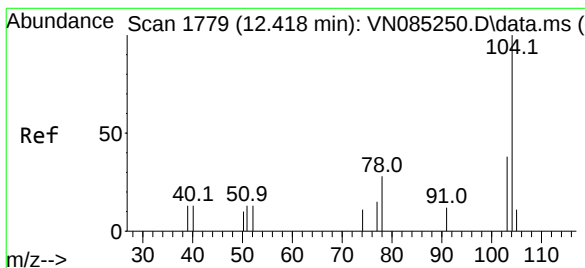
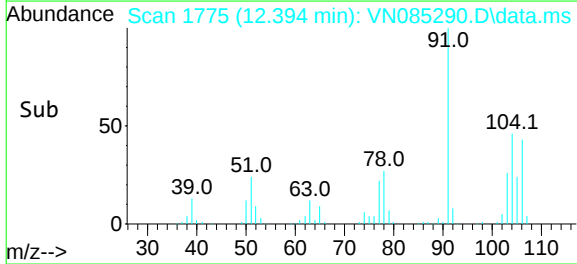
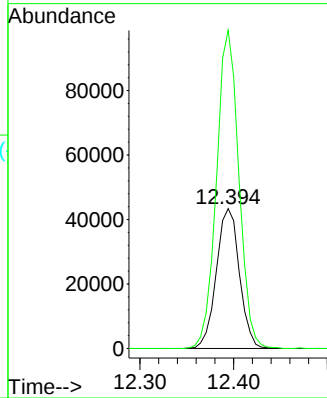
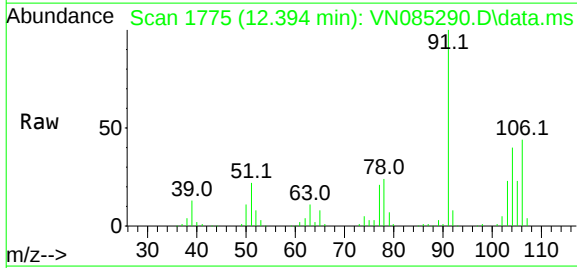
#69
o-Xylene
Concen: 19.878 ug/l
RT: 12.394 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02

Tgt Ion:106 Resp: 74155
Ion Ratio Lower Upper
106 100
91 220.9 112.1 336.2

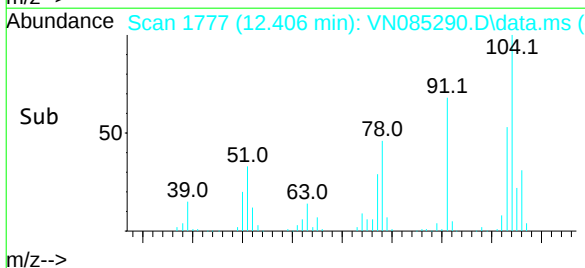
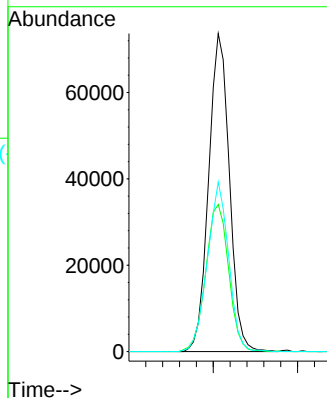
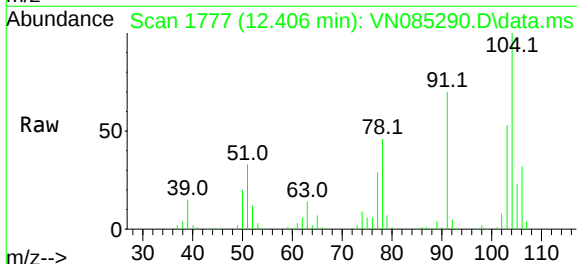
Manual Integrations
APPROVED

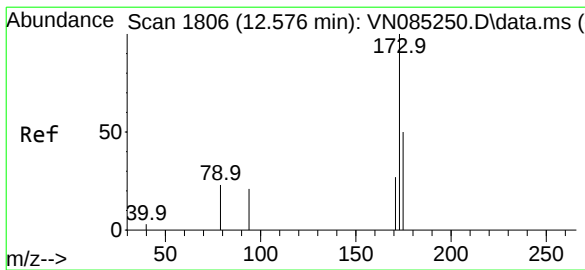
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#70
Styrene
Concen: 20.244 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Tgt Ion:104 Resp: 126079
Ion Ratio Lower Upper
104 100
78 51.0 43.2 64.8
103 54.7 44.6 66.8





#71

Bromoform

Concen: 17.453 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN085290.D

Acq: 23 Dec 2024 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS02

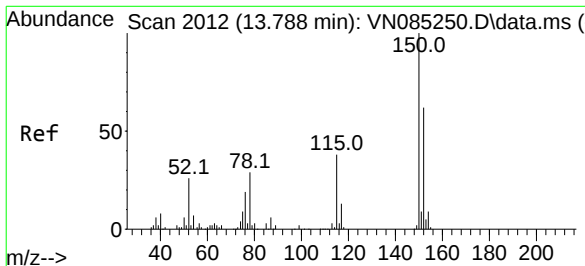
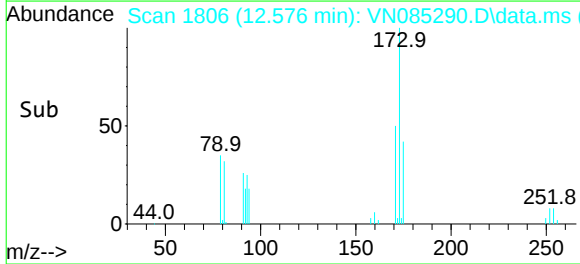
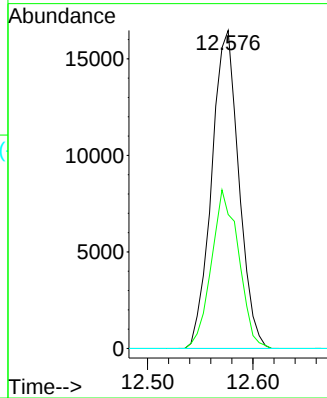
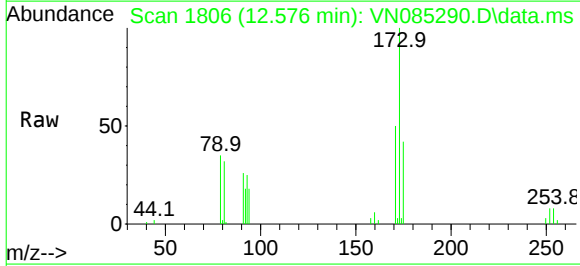
Tgt Ion:	173	Resp:	29550
Ion Ratio	Lower	Upper	
173	100		
175	50.1	24.5	73.5
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

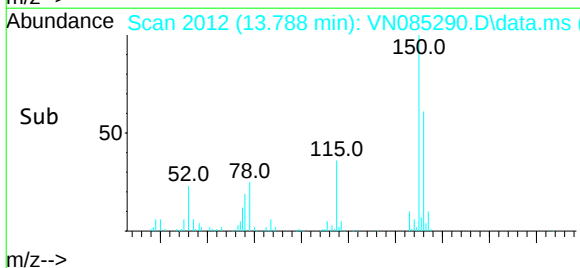
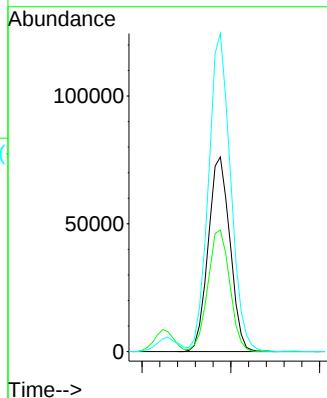
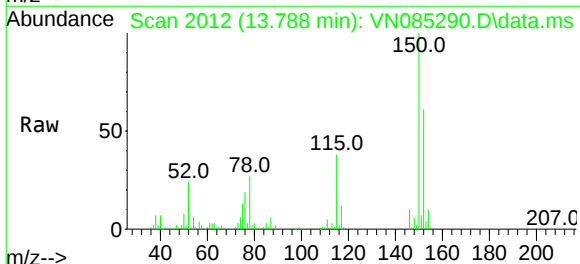
RT: 13.788 min Scan# 2012

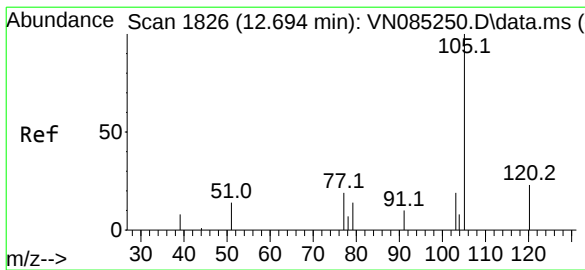
Delta R.T. 0.000 min

Lab File: VN085290.D

Acq: 23 Dec 2024 13:29

Tgt Ion:	152	Resp:	129719
Ion Ratio	Lower	Upper	
152	100		
115	62.7	32.1	96.3
150	165.9	0.0	354.6





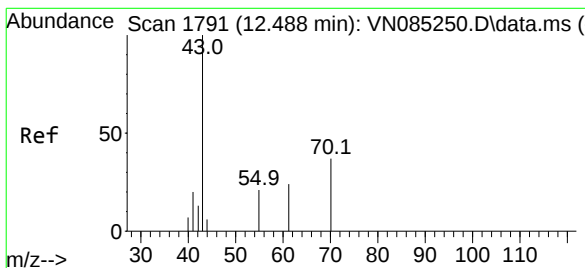
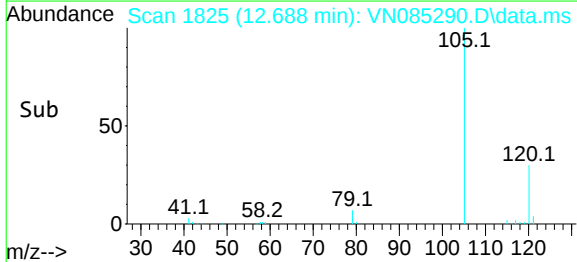
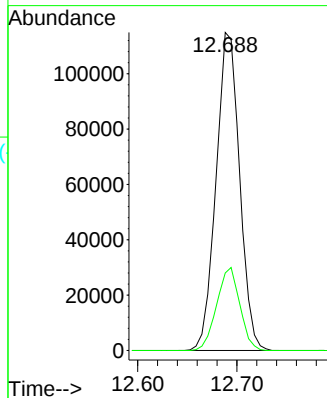
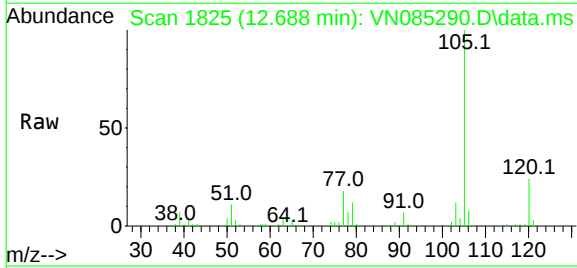
#73
Isopropylbenzene
Concen: 20.257 ug/l
RT: 12.688 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02

Tgt Ion: 105 Resp: 189553
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9

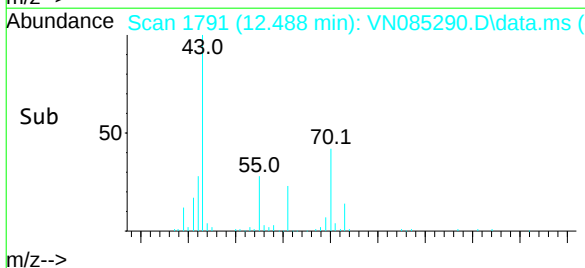
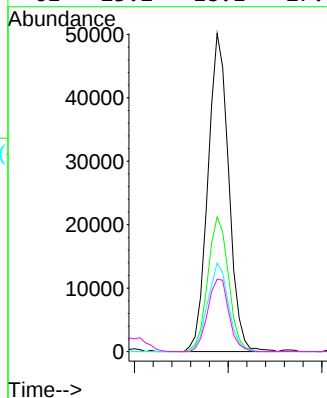
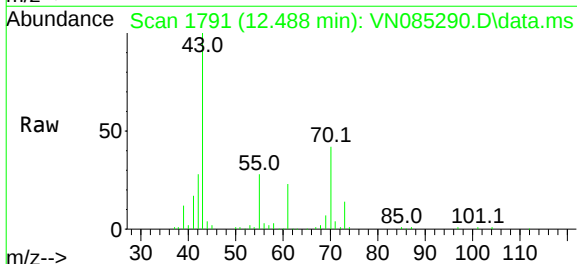
Manual Integrations
APPROVED

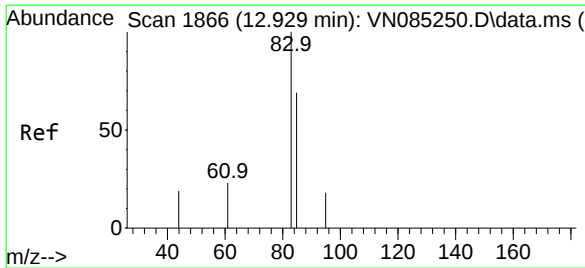
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#74
N-ethyl acetate
Concen: 16.558 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Tgt Ion: 43 Resp: 77386
Ion Ratio Lower Upper
43 100
70 42.1 31.5 47.3
55 27.7 19.0 28.4
61 23.2 18.1 27.1





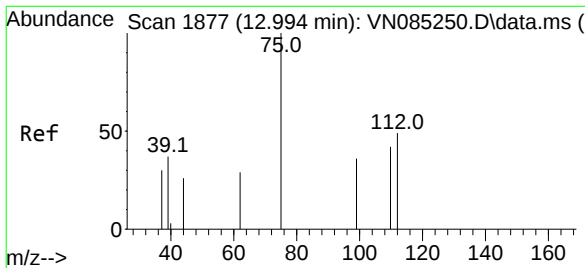
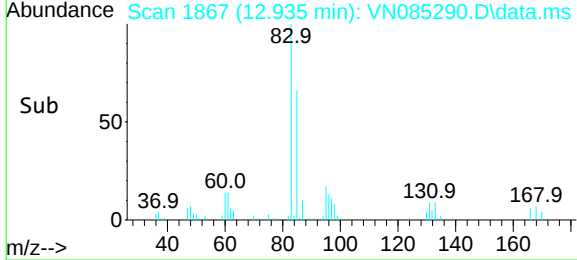
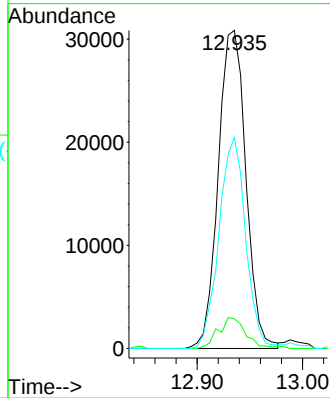
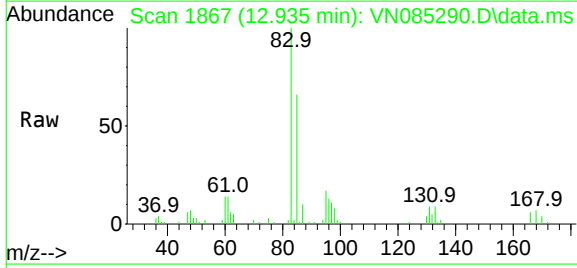
#75
1,1,2,2-Tetrachloroethane
Concen: 16.832 ug/l
RT: 12.935 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02

Tgt Ion:	83	Resp:	56121
Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.7	14.1
85	64.2	32.5	97.4

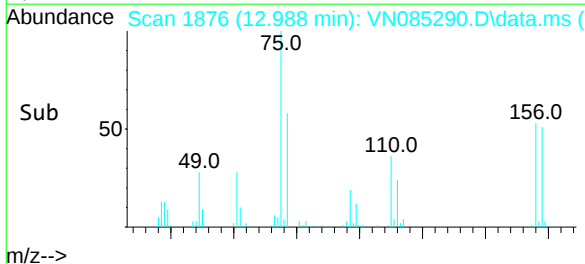
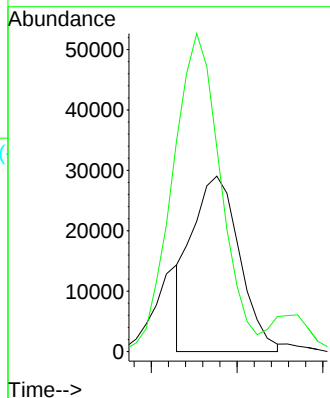
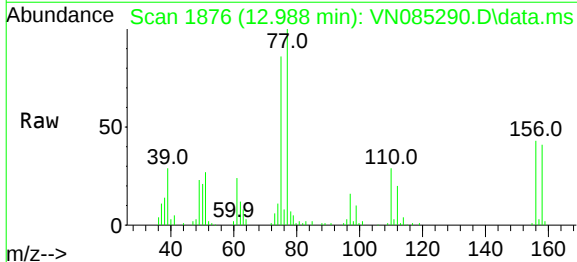
Manual Integrations
APPROVED

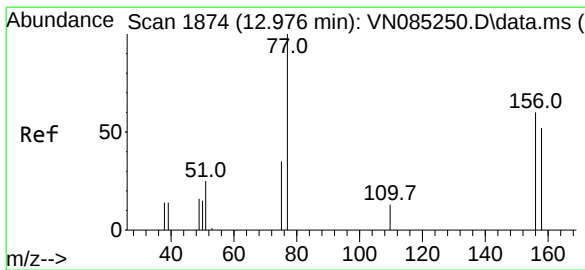
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#76
1,2,3-Trichloropropane
Concen: 18.114 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

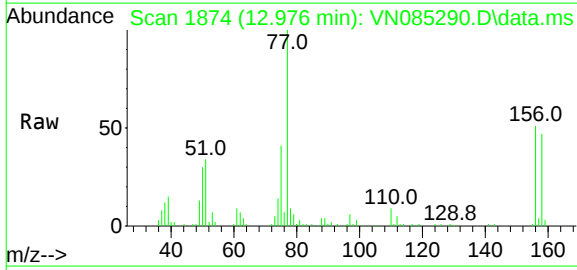
Tgt Ion:	75	Resp:	56011
Ion	Ratio	Lower	Upper
75	100		
77	183.7	102.6	307.7





#77
Bromobenzene
Concen: 18.551 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

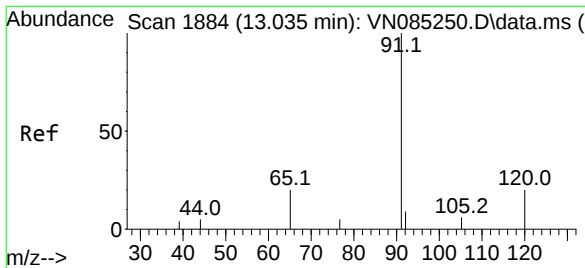
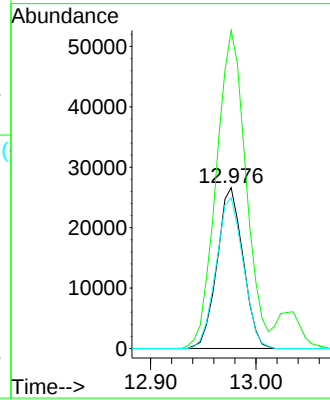
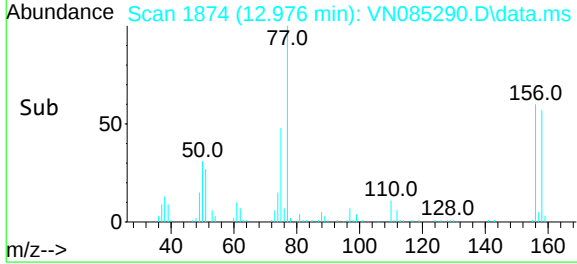
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02



Tgt Ion:156 Resp: 45578
Ion Ratio Lower Upper
156 100
77 225.8 115.8 347.3
158 98.2 47.9 143.7

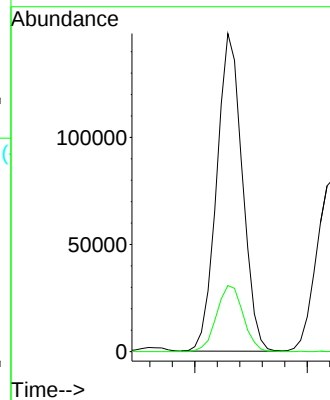
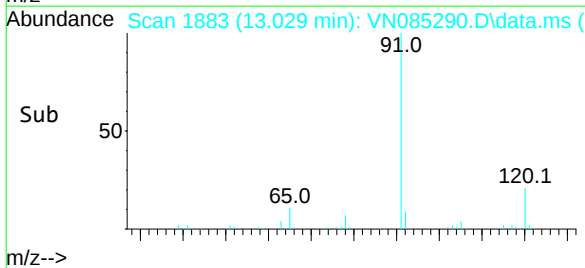
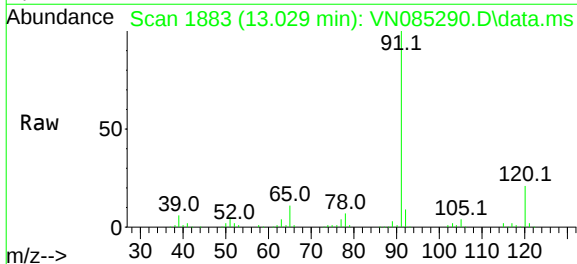
Manual Integrations
APPROVED

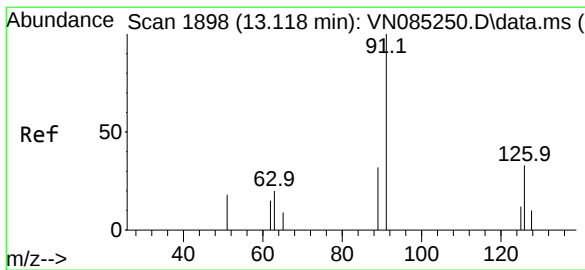
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#78
n-propylbenzene
Concen: 20.487 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Tgt Ion: 91 Resp: 235109
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.3





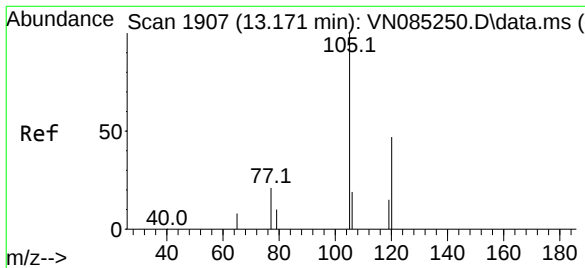
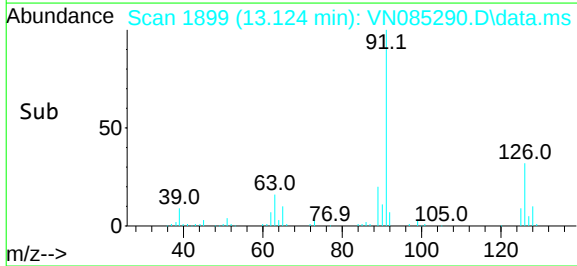
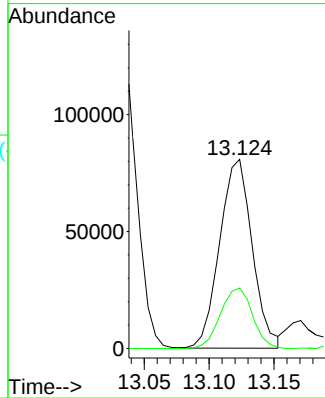
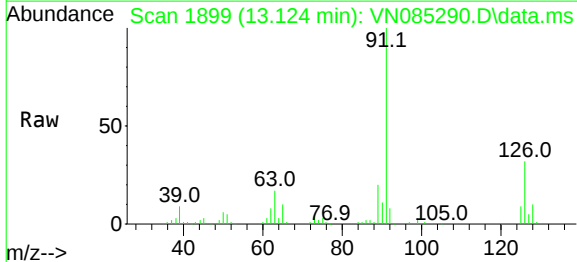
#79
2-Chlorotoluene
Concen: 19.379 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02

Tgt Ion: 91 Resp: 141206
Ion Ratio Lower Upper
91 100
126 31.3 15.2 45.5

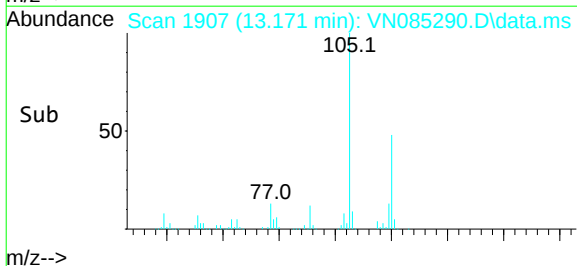
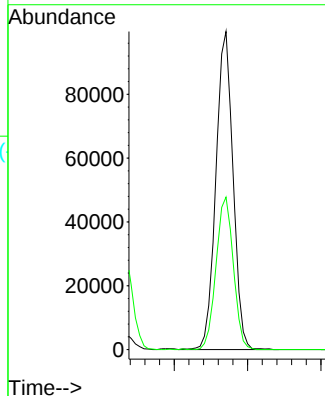
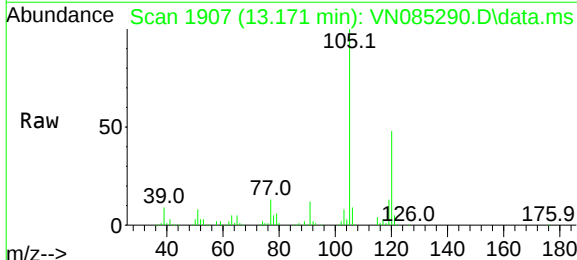
Manual Integrations
APPROVED

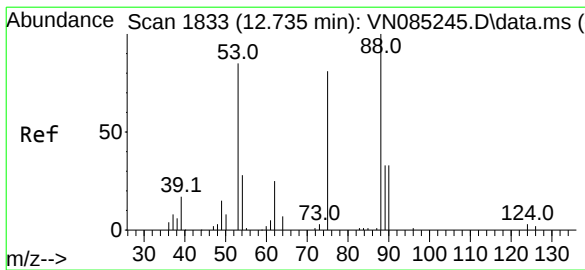
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.705 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

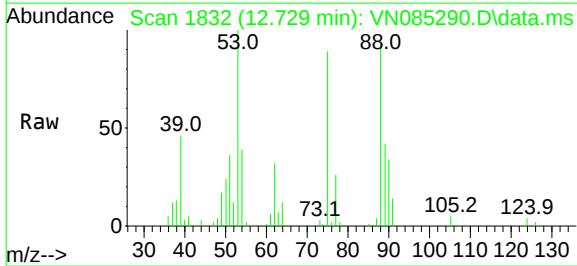
Tgt Ion:105 Resp: 161603
Ion Ratio Lower Upper
105 100
120 48.4 23.4 70.2





#81
trans-1,4-Dichloro-2-butene
Concen: 15.683 ug/l
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

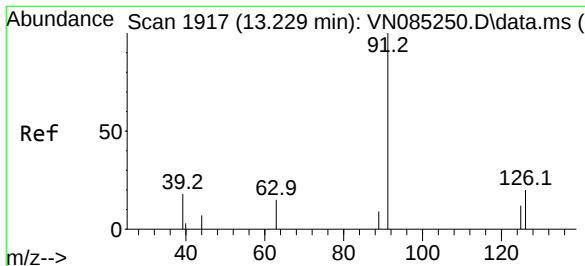
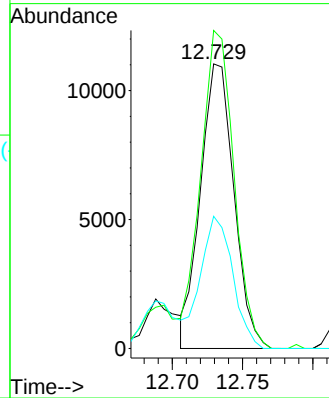
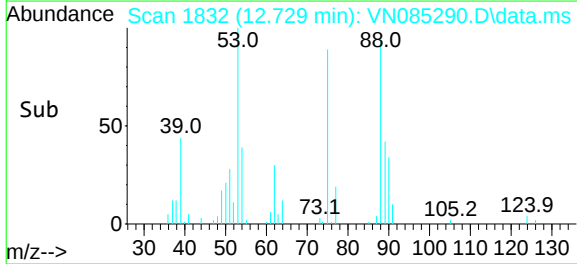
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02



Tgt Ion: 75 Resp: 18263
Ion Ratio Lower Upper
75 100
53 113.0 84.9 127.3
89 45.2 37.9 56.9

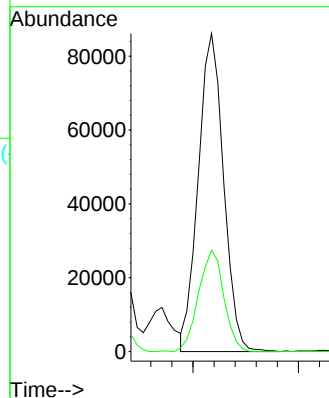
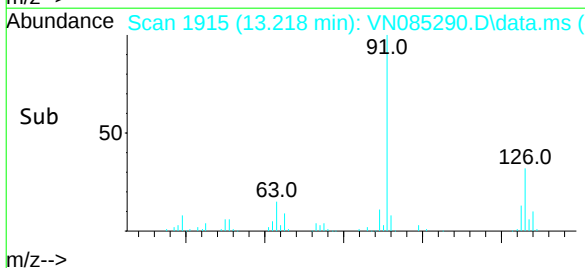
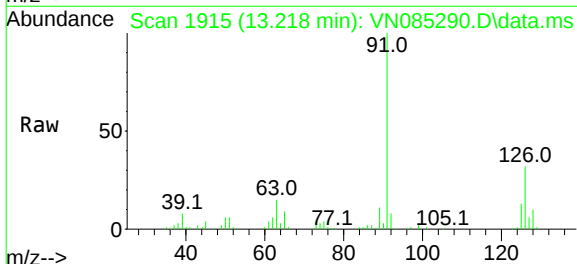
Manual Integrations
APPROVED

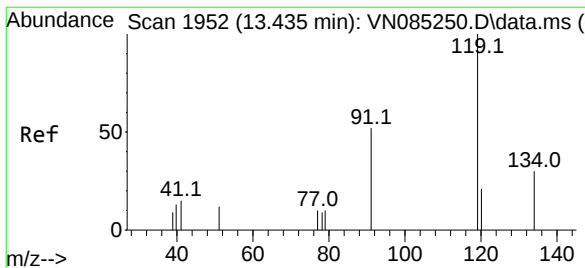
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#82
4-Chlorotoluene
Concen: 19.466 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Tgt Ion: 91 Resp: 143530
Ion Ratio Lower Upper
91 100
126 31.9 15.6 46.8





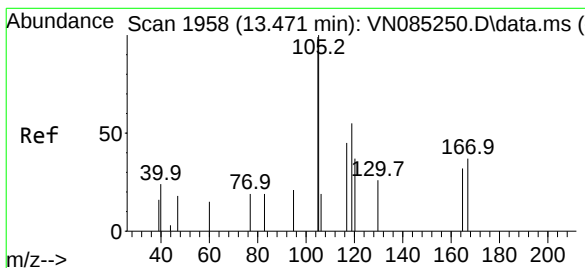
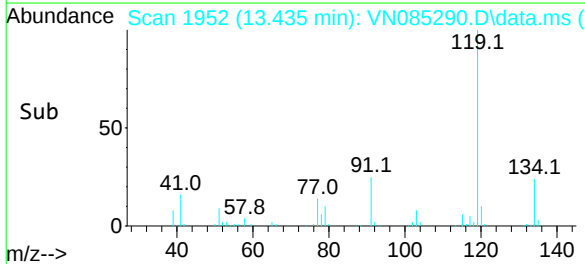
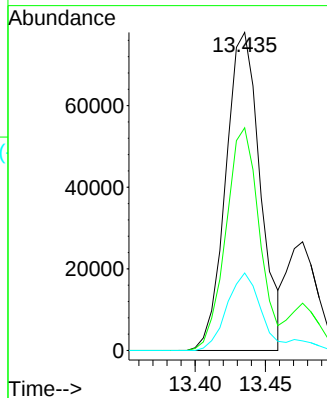
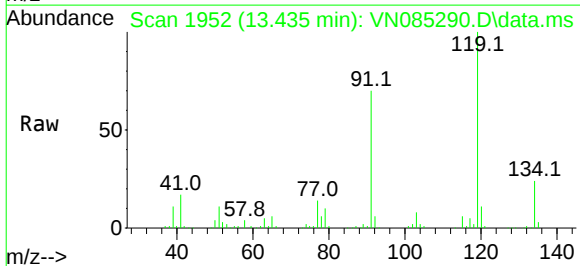
#83
tert-Butylbenzene
Concen: 20.116 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02

Tgt Ion:119 Resp: 133152
Ion Ratio Lower Upper
119 100
91 67.8 36.3 108.7
134 23.9 12.2 36.6

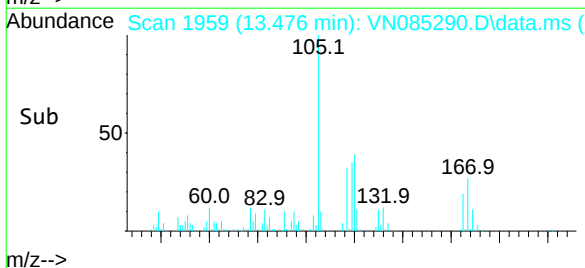
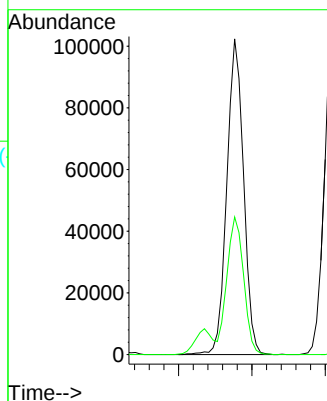
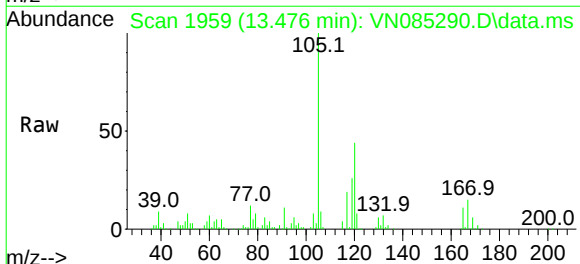
Manual Integrations
APPROVED

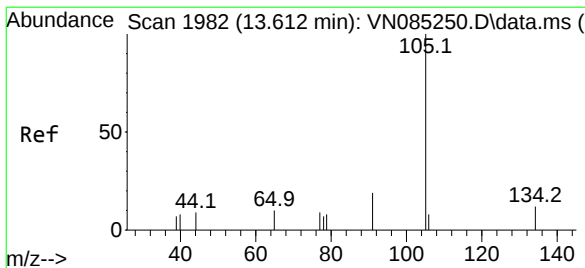
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.326 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

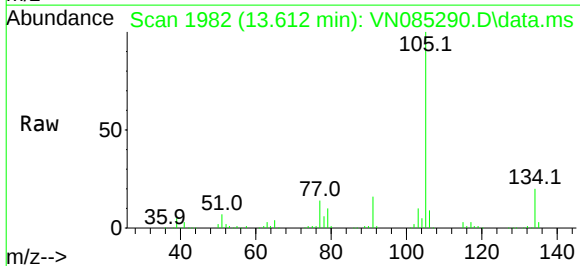
Tgt Ion:105 Resp: 162165
Ion Ratio Lower Upper
105 100
120 43.4 21.8 65.3





#85
sec-Butylbenzene
Concen: 20.767 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

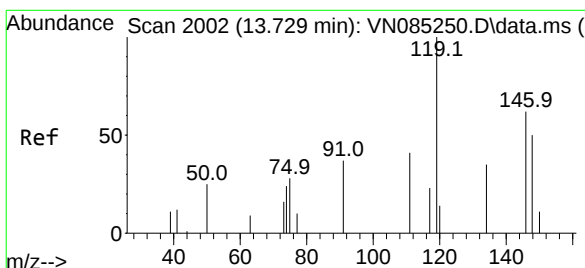
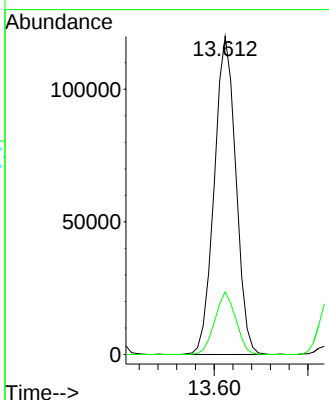
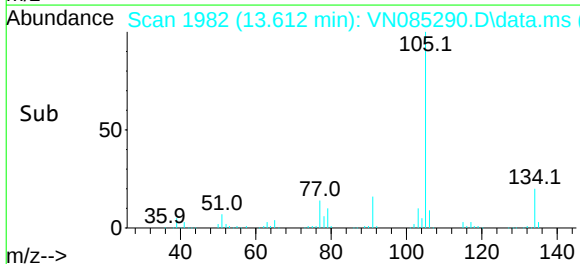
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02



Tgt Ion:105 Resp: 191643
Ion Ratio Lower Upper
105 100
134 19.1 9.4 28.3

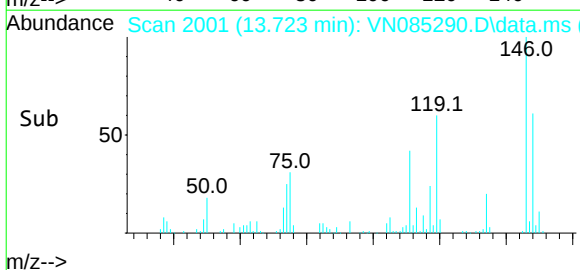
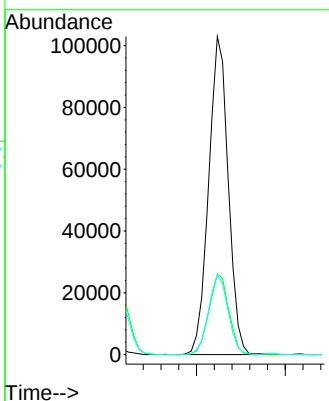
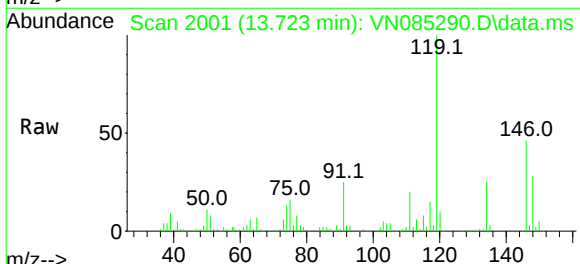
Manual Integrations
APPROVED

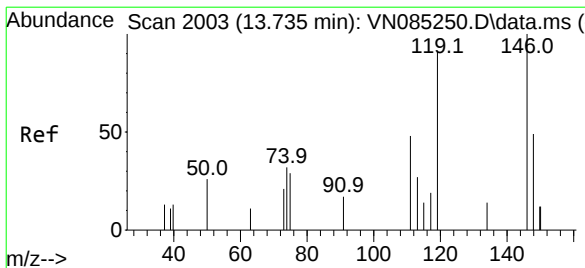
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#86
p-Isopropyltoluene
Concen: 18.916 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

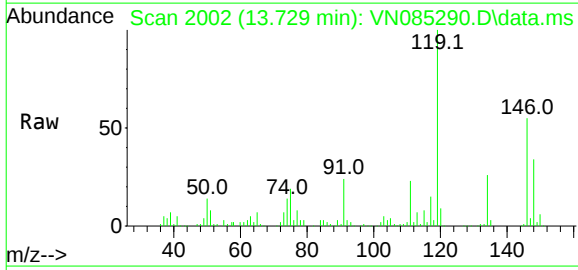
Tgt Ion:119 Resp: 157665
Ion Ratio Lower Upper
119 100
134 25.6 12.5 37.5
91 25.0 13.0 38.9





#87
1,3-Dichlorobenzene
Concen: 18.984 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

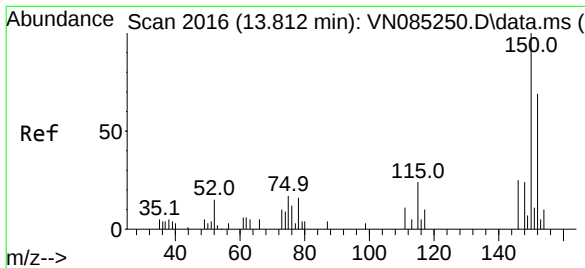
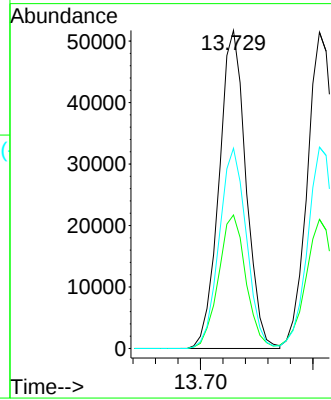
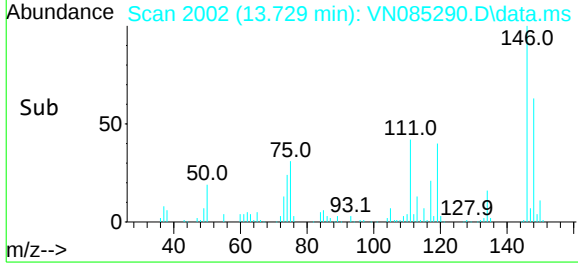
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02



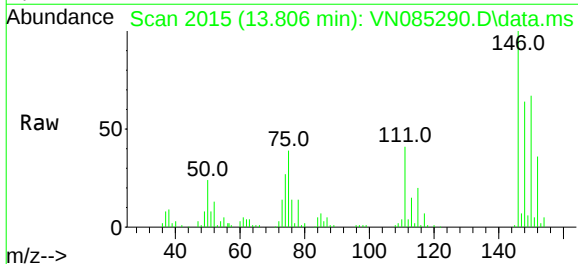
Tgt Ion:146 Resp: 85893
Ion Ratio Lower Upper
146 100
111 42.8 21.5 64.5
148 63.8 31.4 94.0

Manual Integrations
APPROVED

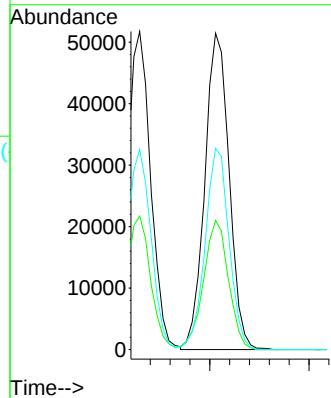
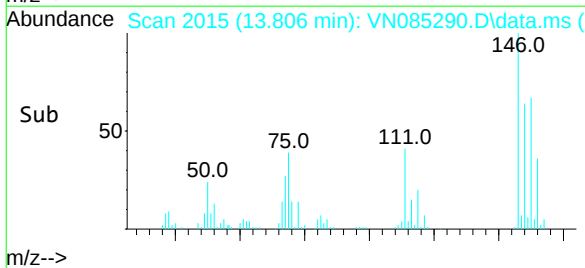
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

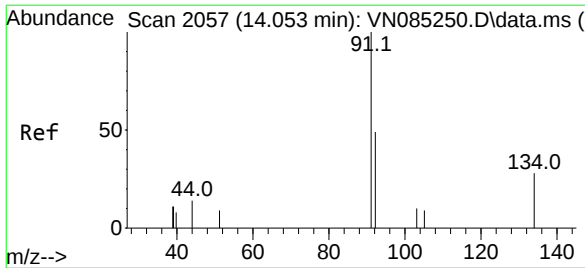


#88
1,4-Dichlorobenzene
Concen: 18.711 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29



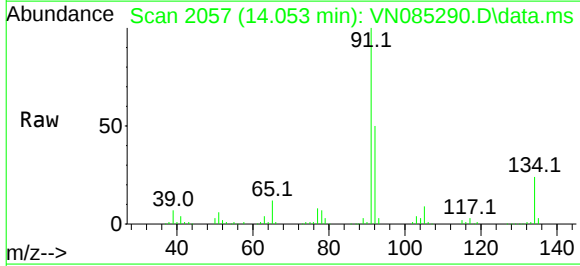
Tgt Ion:146 Resp: 87598
Ion Ratio Lower Upper
146 100
111 42.1 20.8 62.5
148 62.6 31.9 95.9





#89
n-Butylbenzene
Concen: 20.497 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

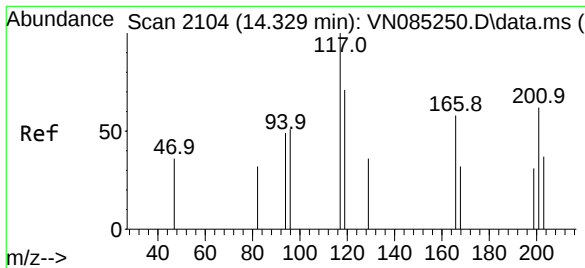
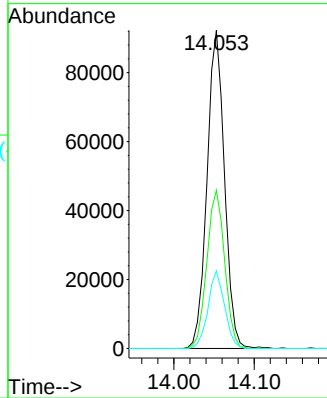
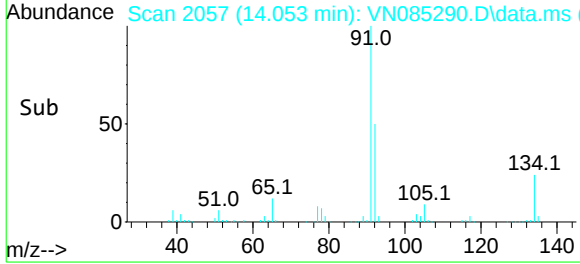
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02



Tgt Ion: 91 Resp: 139104
Ion Ratio Lower Upper
91 100
92 50.7 25.8 77.3
134 23.2 12.0 36.0

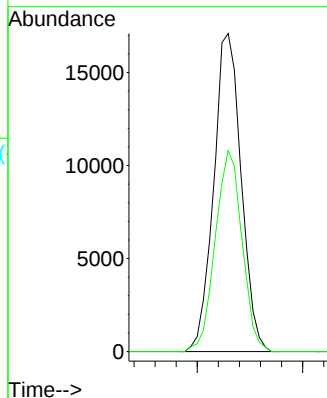
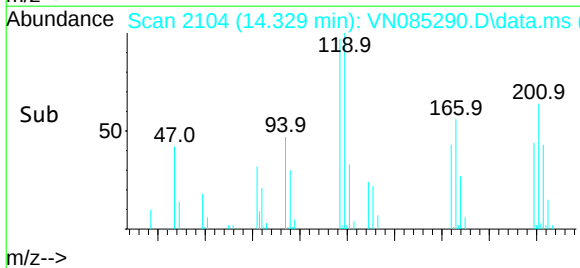
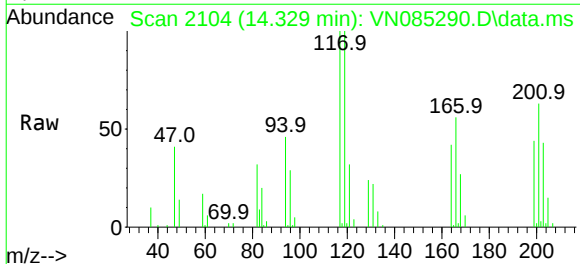
Manual Integrations
APPROVED

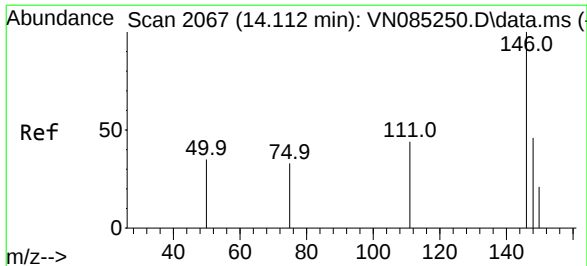
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#90
Hexachloroethane
Concen: 18.225 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

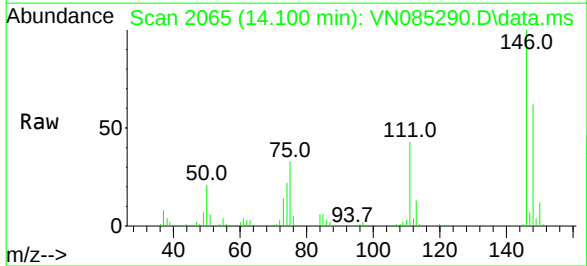
Tgt Ion:117 Resp: 30896
Ion Ratio Lower Upper
117 100
201 61.6 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 19.210 ug/l
RT: 14.100 min Scan# 2067
Delta R.T. -0.006 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

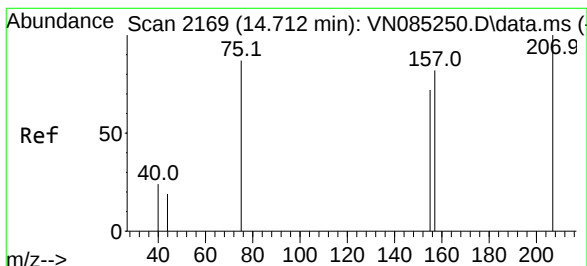
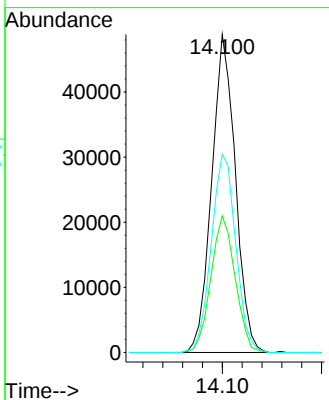
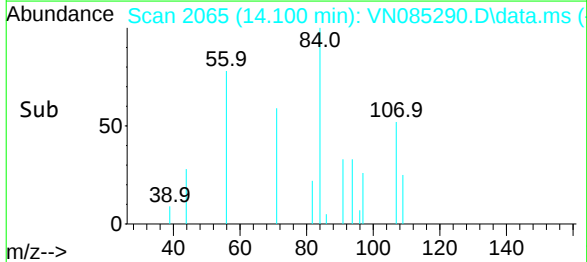
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02



Tgt Ion: 146 Resp: 80840
Ion Ratio Lower Upper
146 100
111 44.0 22.1 66.1
148 64.6 31.9 95.9

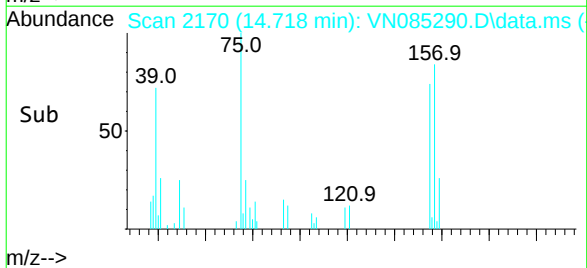
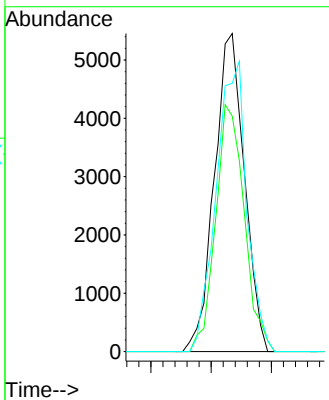
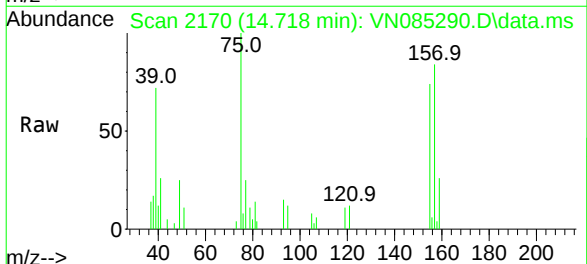
Manual Integrations
APPROVED

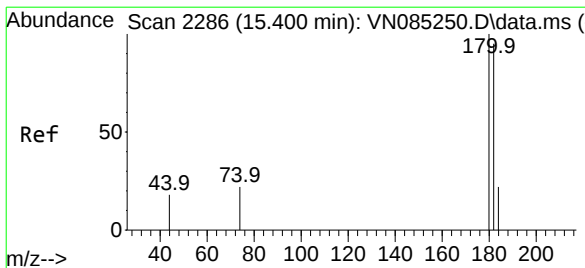
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 14.759 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085290.D
Acq: 23 Dec 2024 13:29

Tgt Ion: 75 Resp: 9437
Ion Ratio Lower Upper
75 100
155 74.2 35.4 106.2
157 93.2 43.3 129.9





#93

1,2,4-Trichlorobenzene

Concen: 18.089 ug/l

RT: 15.388 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VN085290.D

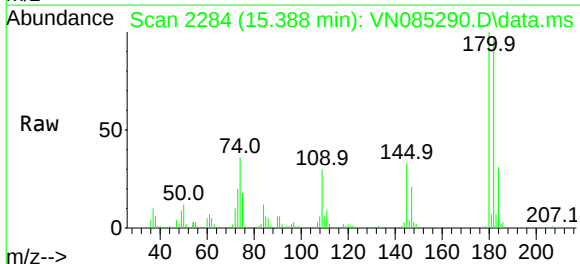
Acq: 23 Dec 2024 13:29

Instrument :

MSVOA_N

ClientSampleId :

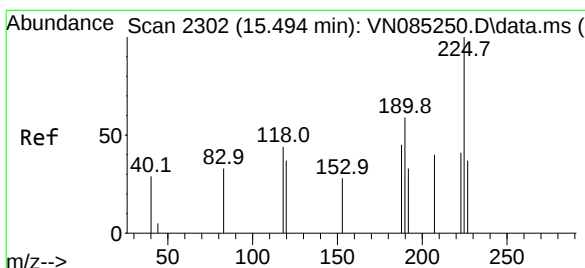
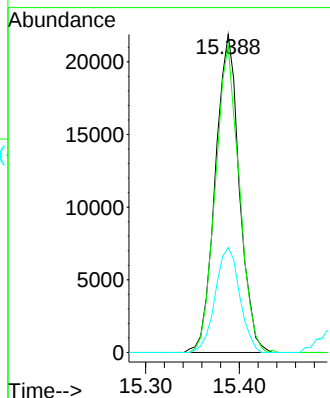
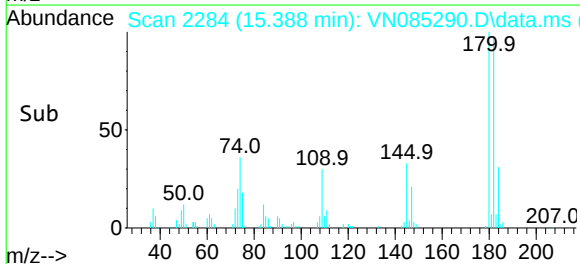
VN1223WBS02



Tgt Ion:	180	Resp:	38967
Ion Ratio	Lower	Upper	
180	100		
182	95.6	46.3	138.8
145	33.5	16.6	49.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#94

Hexachlorobutadiene

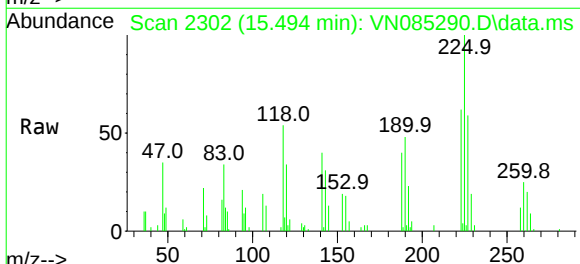
Concen: 18.213 ug/l

RT: 15.494 min Scan# 2302

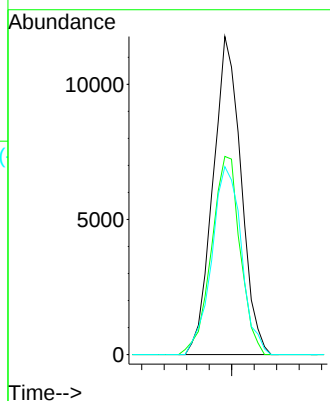
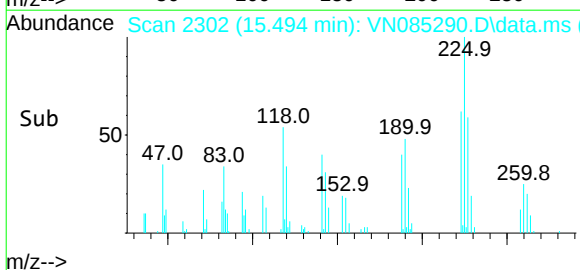
Delta R.T. 0.000 min

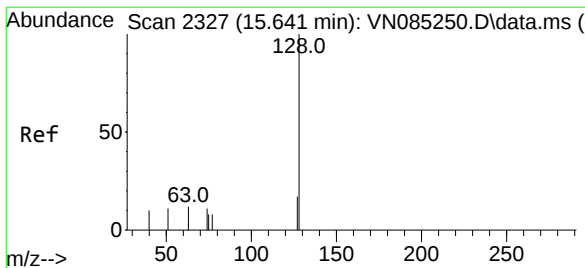
Lab File: VN085290.D

Acq: 23 Dec 2024 13:29



Tgt Ion:	225	Resp:	20391
Ion Ratio	Lower	Upper	
225	100		
223	63.6	34.1	102.2
227	62.5	33.2	99.6





#95

Naphthalene

Concen: 14.617 ug/l

RT: 15.635 min Scan# 23

Delta R.T. -0.006 min

Lab File: VN085290.D

Acq: 23 Dec 2024 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS02

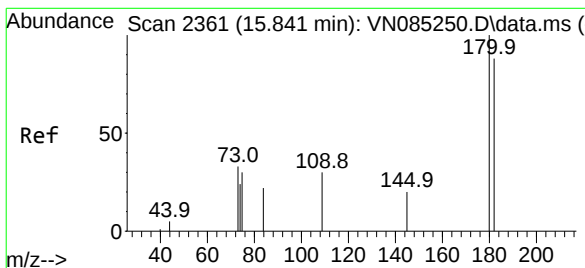
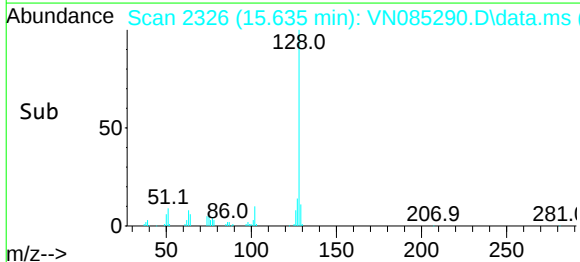
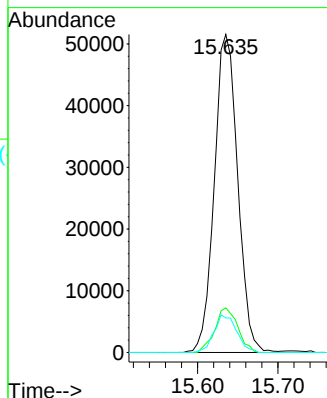
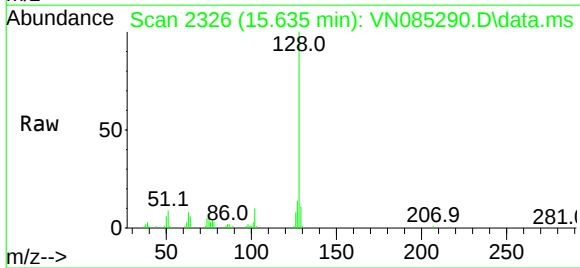
Tgt Ion:	128	Resp:	104278
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.3	15.5
129	11.5	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.763 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085290.D

Acq: 23 Dec 2024 13:29

Tgt Ion:	180	Resp:	38220
Ion Ratio	Lower	Upper	
180	100		
182	94.7	46.9	140.6
145	33.9	17.6	52.8

