

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085291.D
 Acq On : 23 Dec 2024 14:03
 Operator : JC\MD
 Sample : VN1223WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 04:08:48 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	170292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	296655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	250042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115159	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	146507	49.222	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.440%
35) Dibromofluoromethane	8.159	113	107897	51.733	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.460%
50) Toluene-d8	10.559	98	395778	51.919	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.840%
62) 4-Bromofluorobenzene	12.847	95	128150	47.067	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	50207	18.507	ug/l	98
3) Chloromethane	2.359	50	49284	19.059	ug/l	99
4) Vinyl Chloride	2.512	62	47901	19.771	ug/l	99
5) Bromomethane	2.965	94	29845	18.779	ug/l	91
6) Chloroethane	3.124	64	30367	19.925	ug/l	100
7) Trichlorofluoromethane	3.506	101	70407	17.996	ug/l	98
8) Diethyl Ether	3.959	74	23665	19.257	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	40207	19.161	ug/l	98
10) Methyl Iodide	4.588	142	44770	18.712	ug/l	94
11) Tert butyl alcohol	5.524	59	24321	58.824	ug/l #	87
12) 1,1-Dichloroethene	4.341	96	35847	18.443	ug/l	90
13) Acrolein	4.183	56	52222	109.679	ug/l	96
14) Allyl chloride	5.018	41	58572m	17.400	ug/l	
15) Acrylonitrile	5.718	53	89189	79.200	ug/l	98
16) Acetone	4.424	43	72648	70.710	ug/l	94
17) Carbon Disulfide	4.706	76	112025	16.889	ug/l	99
18) Methyl Acetate	5.018	43	45817	15.752	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	117289	17.606	ug/l	99
20) Methylene Chloride	5.271	84	41778	18.589	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	38159	17.807	ug/l	92
22) Diisopropyl ether	6.665	45	137605	19.163	ug/l	98
23) Vinyl Acetate	6.600	43	483282	87.097	ug/l	98
24) 1,1-Dichloroethane	6.565	63	77866	18.719	ug/l #	94
25) 2-Butanone	7.477	43	112268	71.355	ug/l	99
26) 2,2-Dichloropropane	7.482	77	67835	17.611	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	44595	17.873	ug/l	98
28) Bromochloromethane	7.812	49	48360	23.053	ug/l	99
29) Tetrahydrofuran	7.835	42	76778	75.701	ug/l	99
30) Chloroform	7.959	83	77369	17.417	ug/l	95
31) Cyclohexane	8.253	56	70164	18.221	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	69747	17.616	ug/l	94
36) 1,1-Dichloropropene	8.371	75	54967	18.927	ug/l	99
37) Ethyl Acetate	7.559	43	51341	15.324	ug/l	100
38) Carbon Tetrachloride	8.359	117	59493	16.943	ug/l	98
39) Methylcyclohexane	9.594	83	55104	18.234	ug/l	98
40) Benzene	8.600	78	168038	18.599	ug/l	97

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 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)
41) Methacrylonitrile	7.771	41	27719	16.234	ug/l	99
42) 1,2-Dichloroethane	8.665	62	62413	18.136	ug/l	98
43) Isopropyl Acetate	8.682	43	87534	14.286	ug/l	98
44) Trichloroethene	9.347	130	38008	18.896	ug/l	98
45) 1,2-Dichloropropane	9.618	63	41963	18.759	ug/l	97
46) Dibromomethane	9.700	93	28179	17.646	ug/l	98
47) Bromodichloromethane	9.882	83	60105	17.568	ug/l	99
48) Methyl methacrylate	9.676	41	38363	15.274	ug/l	94
49) 1,4-Dioxane	9.694	88	10948	276.463	ug/l #	77
51) 4-Methyl-2-Pentanone	10.441	43	240572	74.727	ug/l	98
52) Toluene	10.623	92	100886	18.571	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	59532	17.851	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	65184	18.384	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	37362	18.367	ug/l	97
56) Ethyl methacrylate	10.870	69	51046	14.844	ug/l	97
57) 1,3-Dichloropropane	11.159	76	65535	18.305	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	115539	74.580	ug/l	99
59) 2-Hexanone	11.194	43	164199	71.551	ug/l	100
60) Dibromochloromethane	11.353	129	42515	17.635	ug/l	99
61) 1,2-Dibromoethane	11.465	107	36391	17.369	ug/l	98
64) Tetrachloroethene	11.100	164	34893	20.738	ug/l	92
65) Chlorobenzene	11.888	112	107869	19.192	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	37142	18.941	ug/l	98
67) Ethyl Benzene	11.959	91	181006	18.789	ug/l	100
68) m/p-Xylenes	12.065	106	137141	38.062	ug/l	97
69) o-Xylene	12.394	106	62500	18.454	ug/l	99
70) Styrene	12.406	104	106115	18.768	ug/l	98
71) Bromoform	12.570	173	25404	16.527	ug/l #	99
73) Isopropylbenzene	12.688	105	161784	19.475	ug/l	99
74) N-amyl acetate	12.488	43	66886	16.120	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	48817	16.493	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	49450m	18.014	ug/l	
77) Bromobenzene	12.976	156	39290	18.013	ug/l	95
78) n-propylbenzene	13.029	91	193921	19.034	ug/l	99
79) 2-Chlorotoluene	13.123	91	118678	18.347	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	136524	19.703	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	16647	16.103	ug/l	96
82) 4-Chlorotoluene	13.217	91	119617	18.274	ug/l	97
83) tert-Butylbenzene	13.435	119	109498	18.634	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	135900	19.187	ug/l	98
85) sec-Butylbenzene	13.611	105	157422	19.215	ug/l	98
86) p-Isopropyltoluene	13.723	119	131292	17.864	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	72514	18.053	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	73357	17.650	ug/l	100
89) n-Butylbenzene	14.053	91	112408	18.658	ug/l	100
90) Hexachloroethane	14.329	117	25010	16.618	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	69656	18.645	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8576	15.109	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	34029	17.794	ug/l	98
94) Hexachlorobutadiene	15.494	225	16400	16.500	ug/l	99
95) Naphthalene	15.635	128	93942	14.833	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	33861	17.727	ug/l	98

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MSVOA_N
ClientSampleId :
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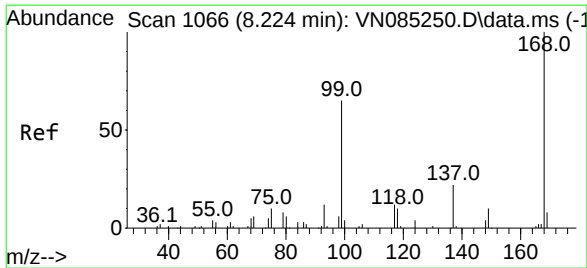
Manual Integrations
APPROVED

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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

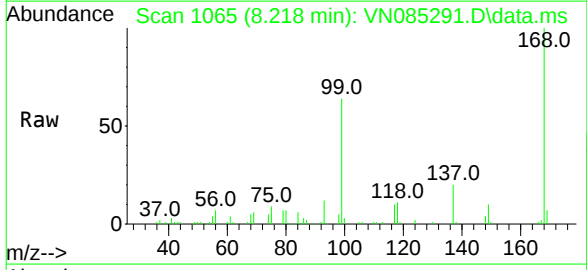
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

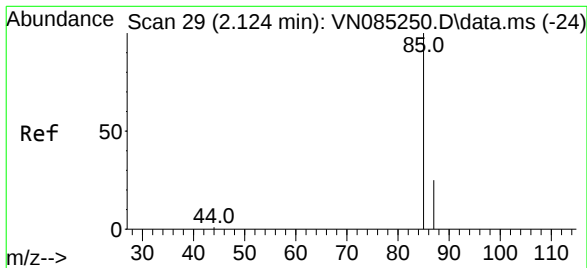
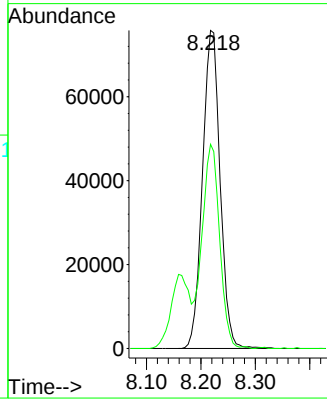
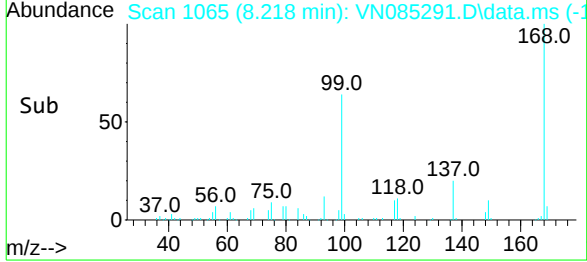
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01



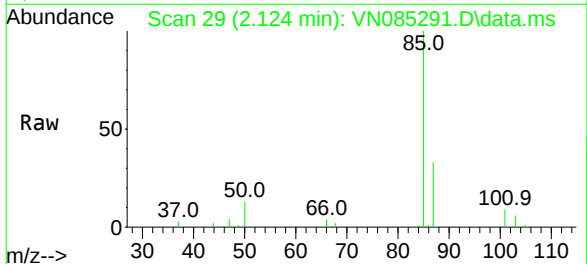
Tgt Ion:168 Resp: 170292
Ion Ratio Lower Upper
168 100
99 64.2 50.7 76.1

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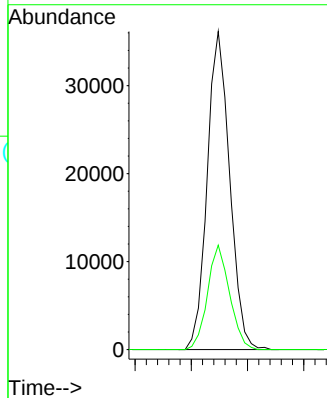
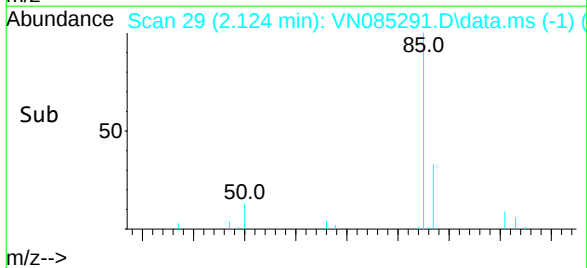
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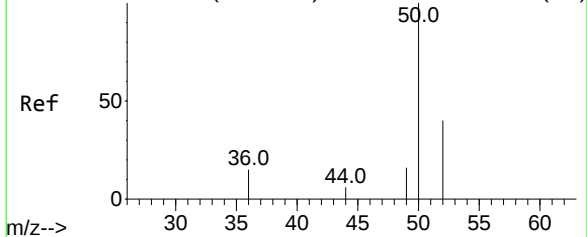
#2
Dichlorodifluoromethane
Concen: 18.507 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03



Tgt Ion: 85 Resp: 50207
Ion Ratio Lower Upper
85 100
87 32.8 17.1 51.3



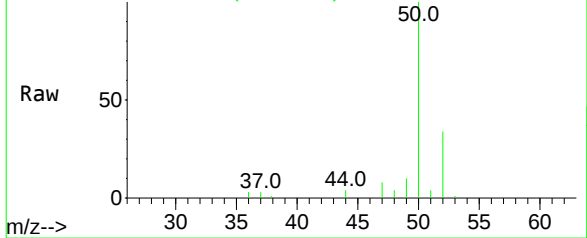
Abundance Scan 69 (2.359 min): VN085250.D\data.ms (-65)



#3
Chloromethane
Concen: 19.059 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Abundance Scan 69 (2.359 min): VN085291.D\data.ms

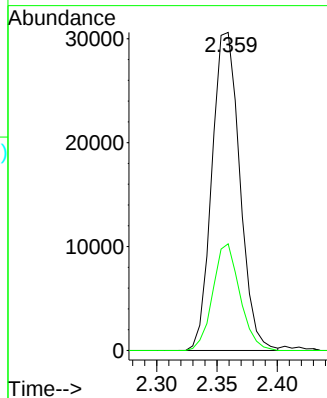
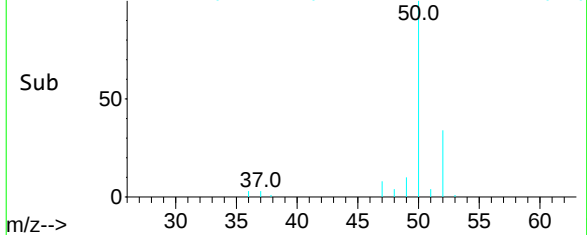


Tgt Ion: 50 Resp: 49284
Ion Ratio Lower Upper
50 100
52 33.5 26.2 39.2

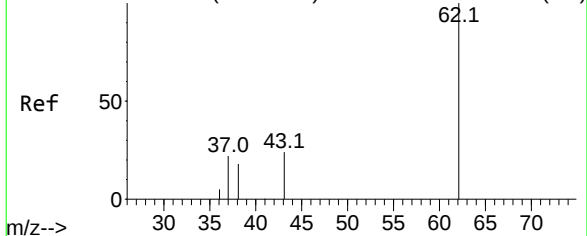
Manual Integrations
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Abundance Scan 69 (2.359 min): VN085291.D\data.ms (-18)



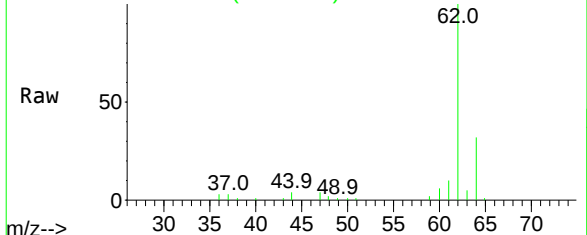
Abundance Scan 95 (2.512 min): VN085250.D\data.ms (-89)



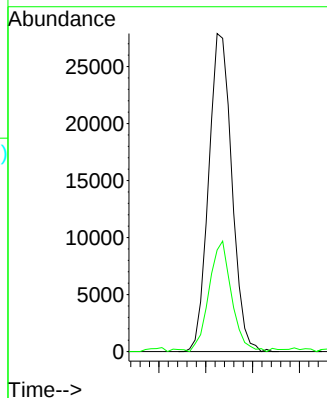
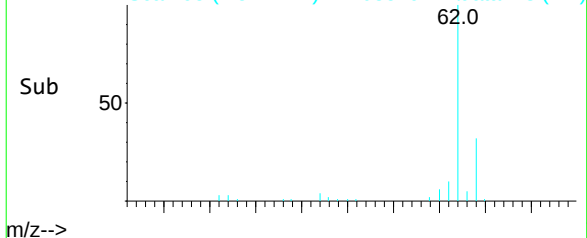
#4
Vinyl Chloride
Concen: 19.771 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

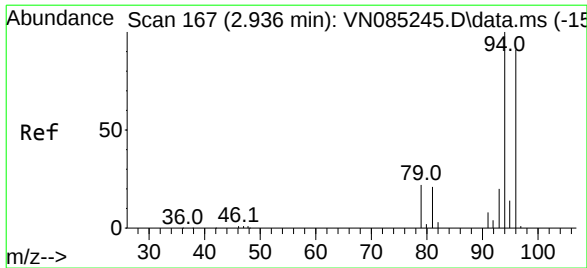
Tgt Ion: 62 Resp: 47901
Ion Ratio Lower Upper
62 100
64 31.3 24.5 36.7

Abundance Scan 95 (2.512 min): VN085291.D\data.ms



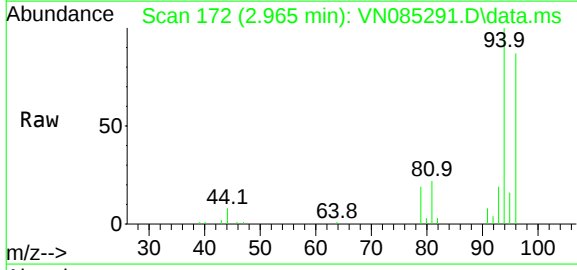
Abundance Scan 95 (2.512 min): VN085291.D\data.ms (-44)





#5
Bromomethane
Concen: 18.779 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.017 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

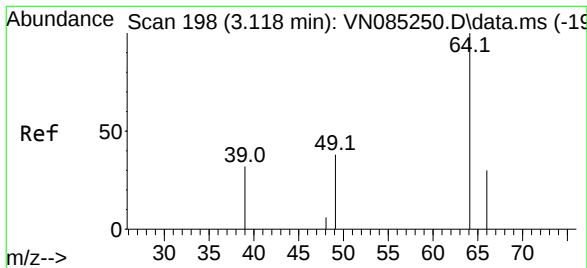
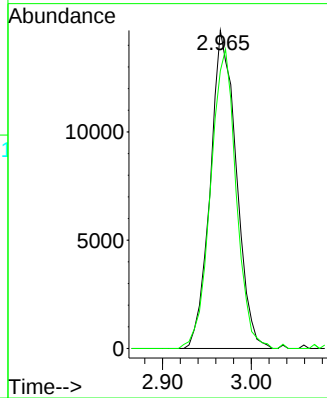
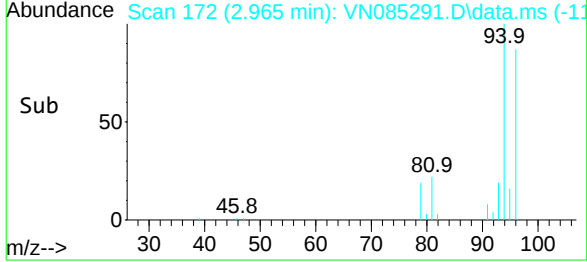
Instrument :
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Tgt Ion: 94 Resp: 29845
Ion Ratio Lower Upper
94 100
96 87.3 76.8 115.2

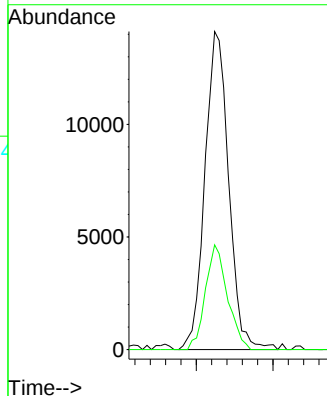
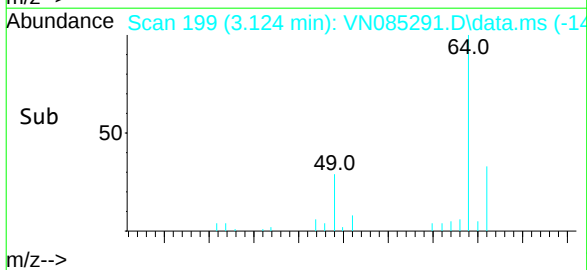
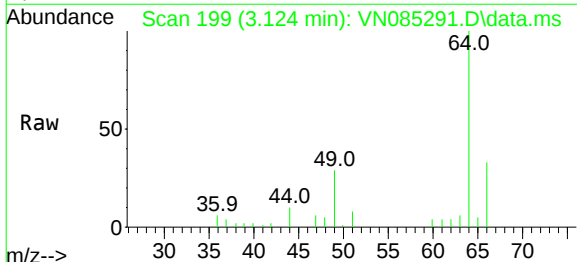
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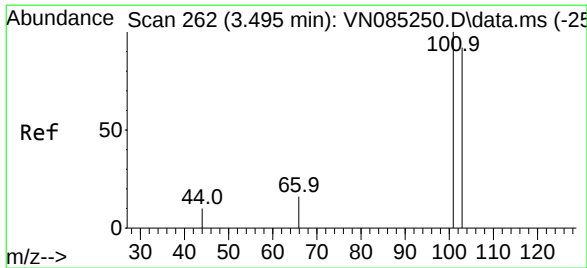
Reviewed By :John Carlone 12/26/2024
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#6
Chloroethane
Concen: 19.925 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

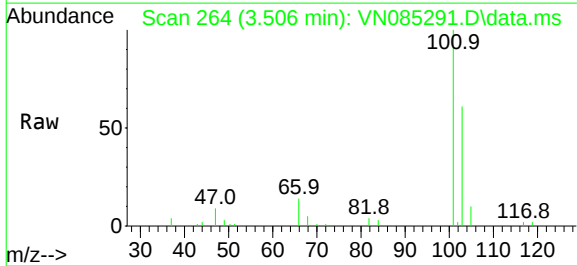
Tgt Ion: 64 Resp: 30367
Ion Ratio Lower Upper
64 100
66 32.9 26.3 39.5





#7
Trichlorofluoromethane
Concen: 17.996 ug/l
RT: 3.506 min Scan# 262
Delta R.T. 0.012 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

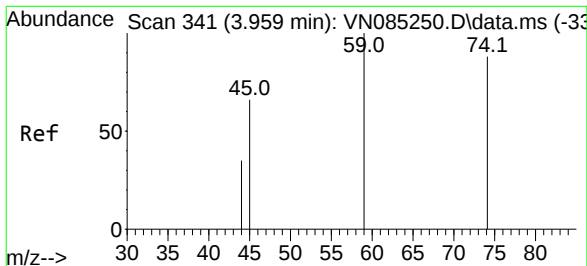
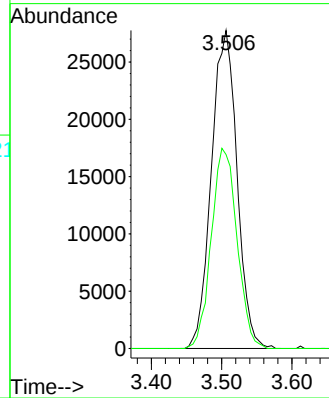
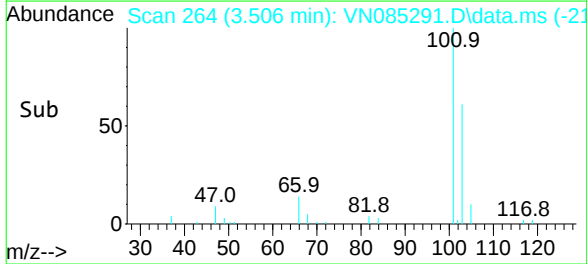
Instrument :
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VN1223WBSD01



Tgt Ion:101 Resp: 70407
Ion Ratio Lower Upper
101 100
103 61.0 50.2 75.4

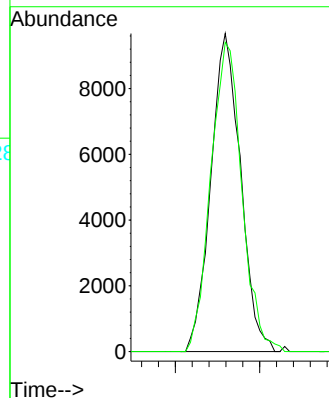
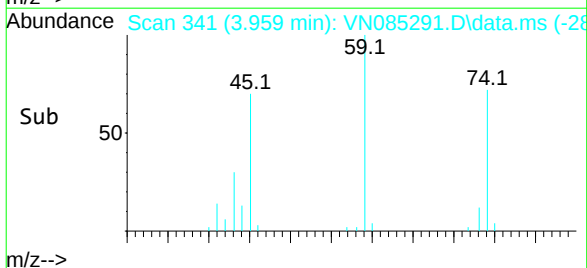
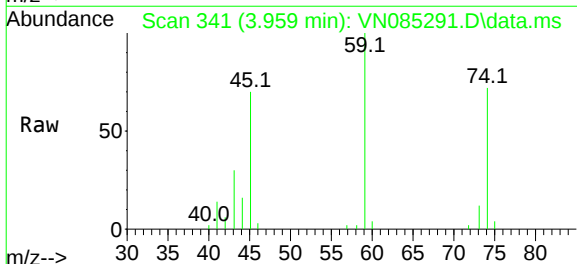
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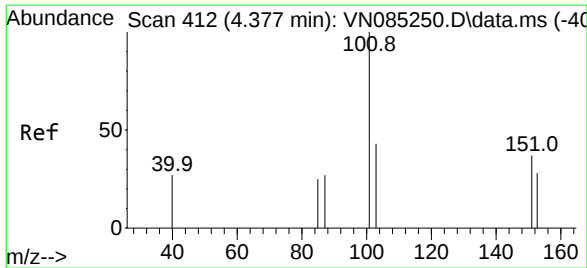
Reviewed By :John Carlone 12/26/2024
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#8
Diethyl Ether
Concen: 19.257 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

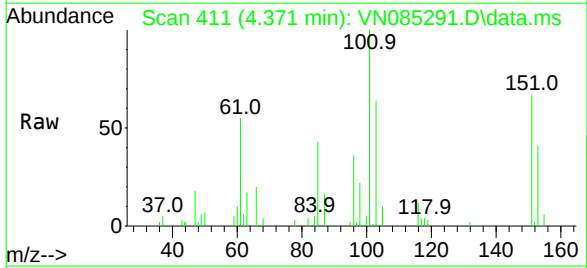
Tgt Ion: 74 Resp: 23665
Ion Ratio Lower Upper
74 100
45 101.7 50.0 150.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.161 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

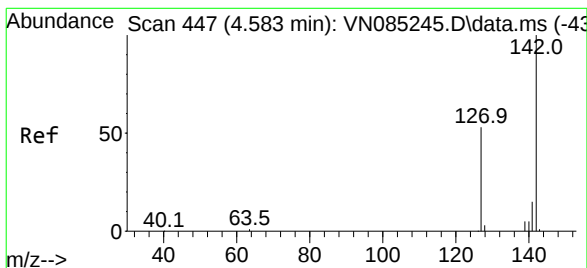
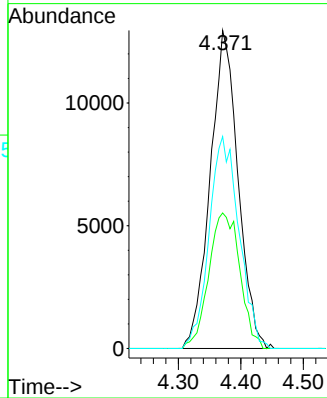
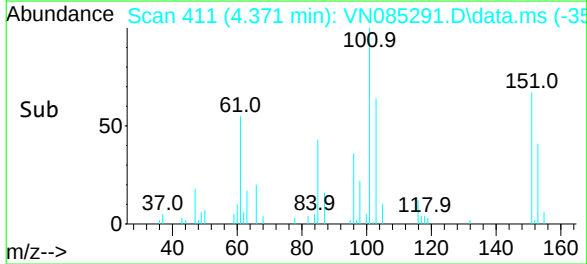
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01



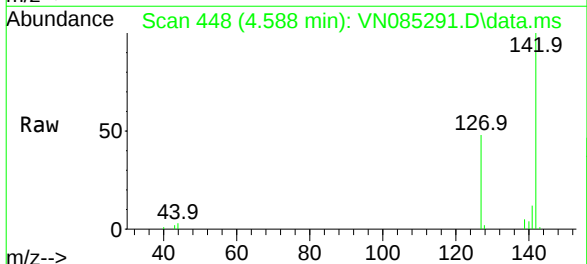
Tgt Ion:101 Resp: 40207
Ion Ratio Lower Upper
101 100
85 47.5 39.0 58.4
151 71.6 58.6 87.8

Manual Integrations
APPROVED

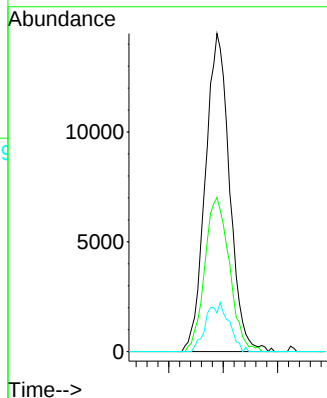
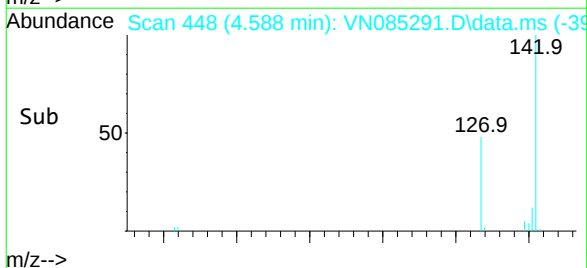
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

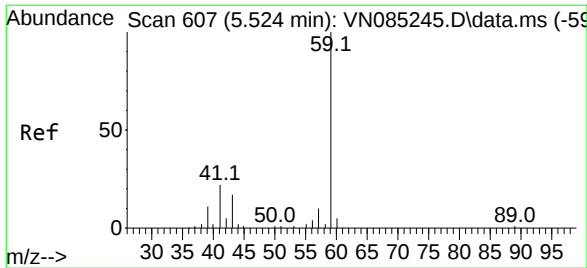


#10
Methyl Iodide
Concen: 18.712 ug/l
RT: 4.588 min Scan# 448
Delta R.T. -0.001 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03



Tgt Ion:142 Resp: 44770
Ion Ratio Lower Upper
142 100
127 48.4 42.5 63.7
141 12.2 10.2 15.4





#11

Tert butyl alcohol

Concen: 58.824 ug/l

RT: 5.524 min Scan# 607

Delta R.T. 0.006 min

Lab File: VN085291.D

Acq: 23 Dec 2024 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01

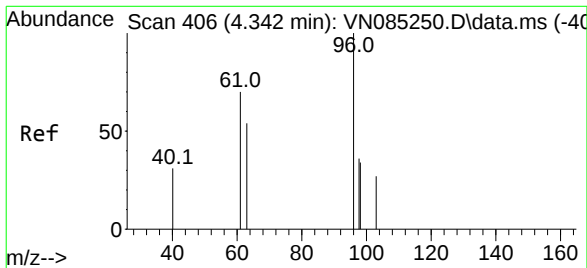
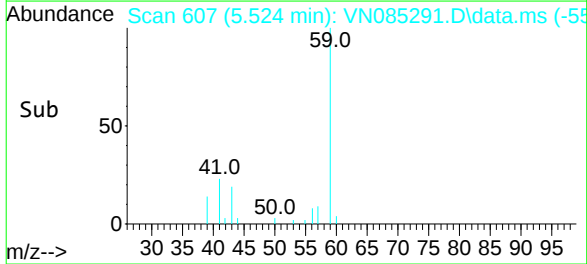
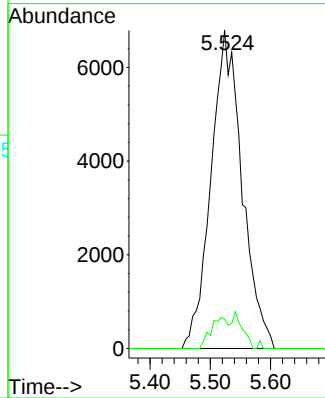
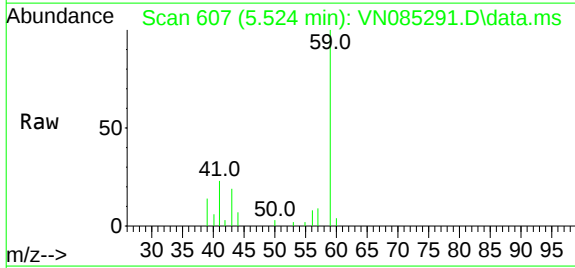
Tgt Ion	Ratio	Lower	Upper
59	100		
57	5.4	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#12

1,1-Dichloroethene

Concen: 18.443 ug/l

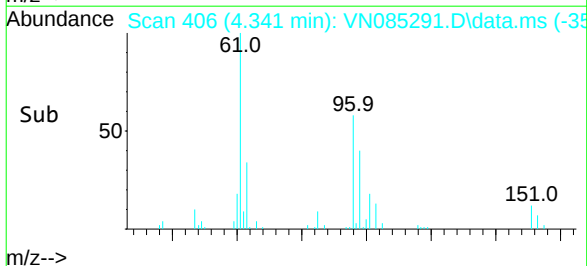
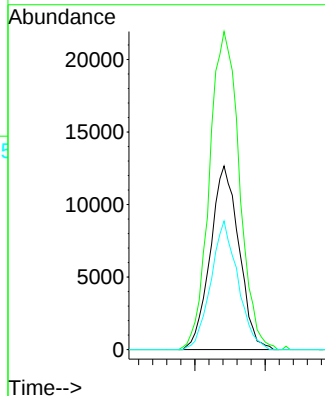
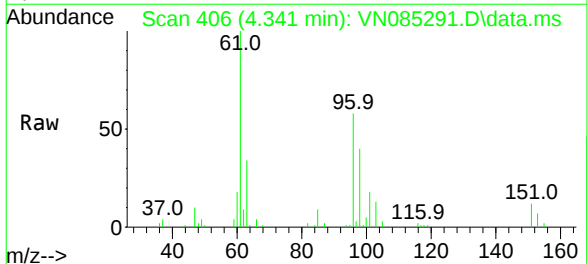
RT: 4.341 min Scan# 406

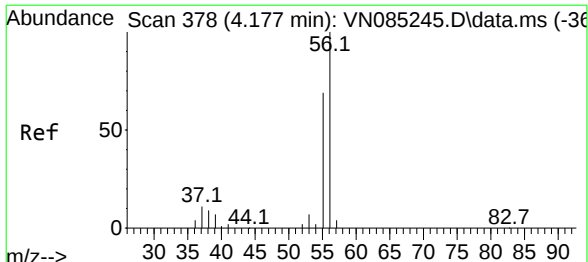
Delta R.T. 0.006 min

Lab File: VN085291.D

Acq: 23 Dec 2024 14:03

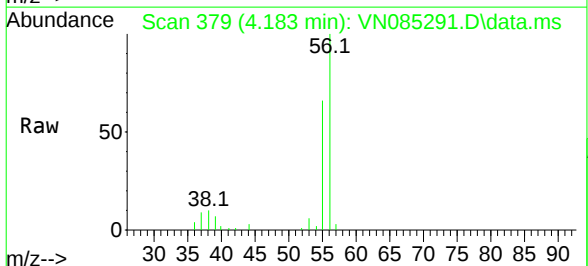
Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.2	151.6	227.4
98	70.0	51.9	77.9





#13
Acrolein
Concen: 109.679 ug/l
RT: 4.183 min Scan# 37
Delta R.T. 0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

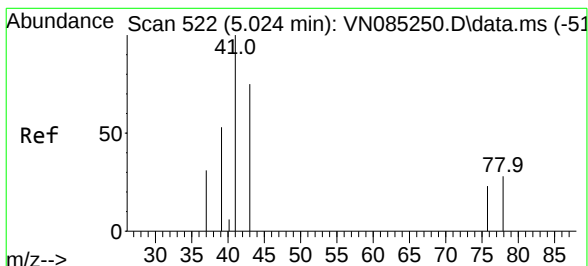
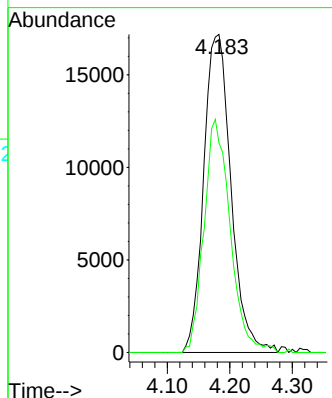
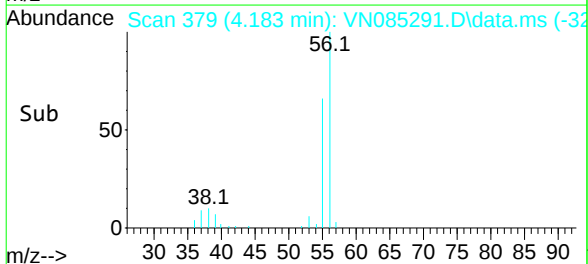
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01



Tgt Ion:	56	Resp:	52222
Ion	Ratio	Lower	Upper
56	100		
55	70.3	59.0	88.6

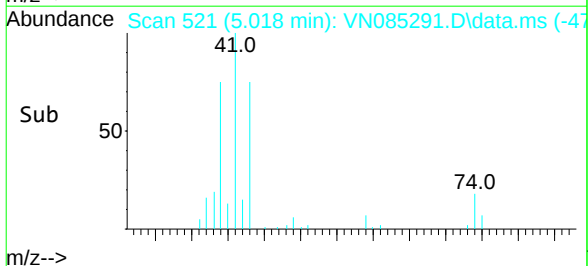
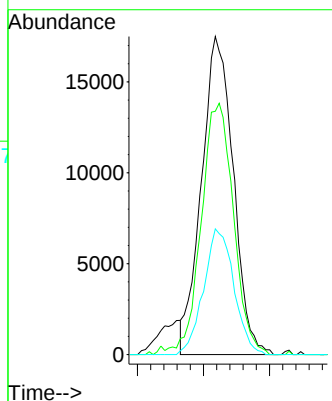
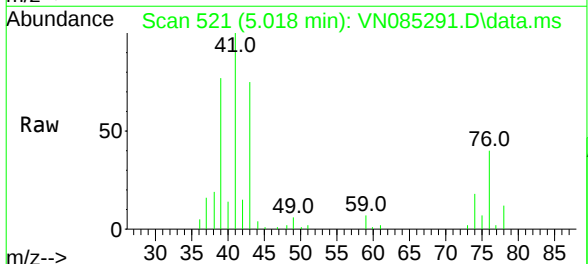
Manual Integrations
APPROVED

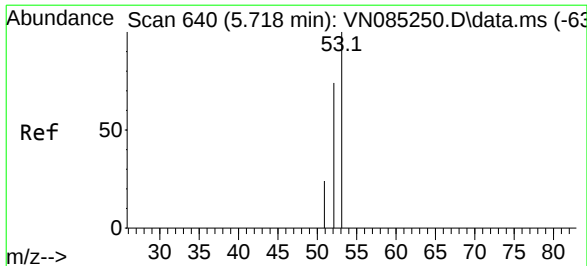
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#14
Allyl chloride
Concen: 17.400 ug/l m
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

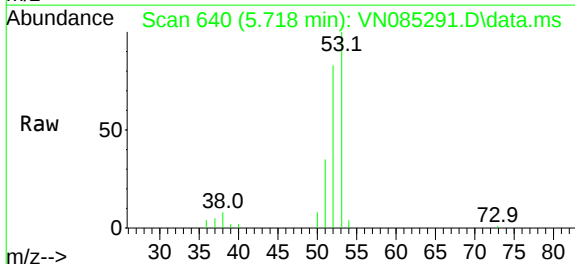
Tgt Ion:	41	Resp:	58572
Ion	Ratio	Lower	Upper
41	100		
39	79.6	66.7	100.1
76	37.6	29.4	44.2





#15
Acrylonitrile
Concen: 79.200 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

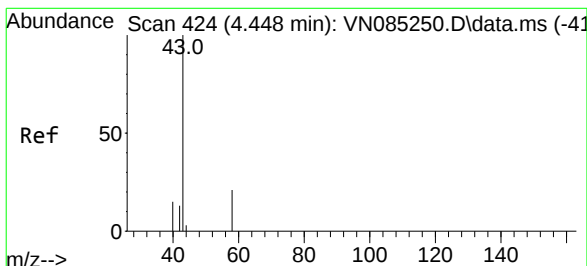
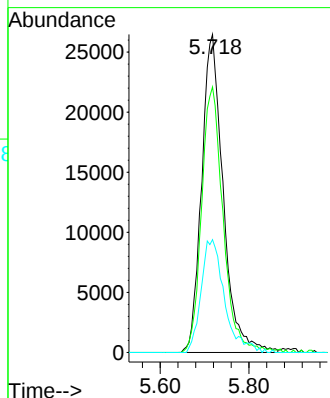
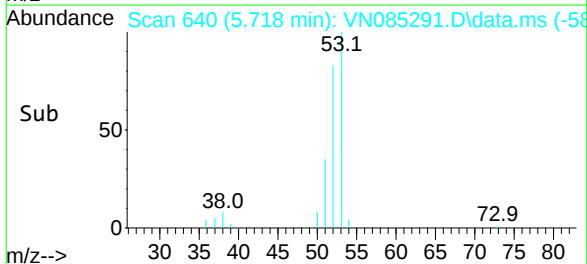
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01



Tgt Ion: 53 Resp: 89189
Ion Ratio Lower Upper
53 100
52 83.7 66.3 99.5
51 38.6 28.2 42.2

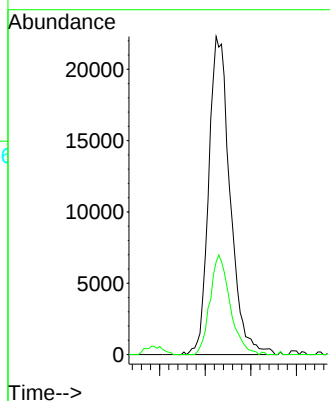
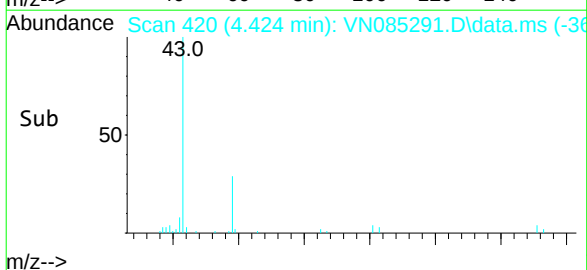
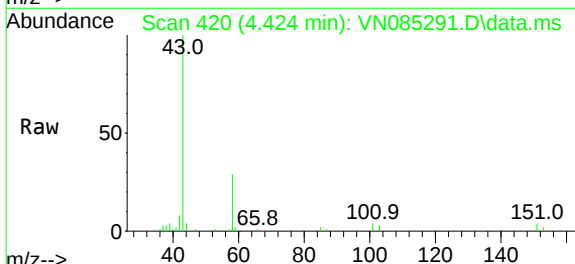
Manual Integrations
APPROVED

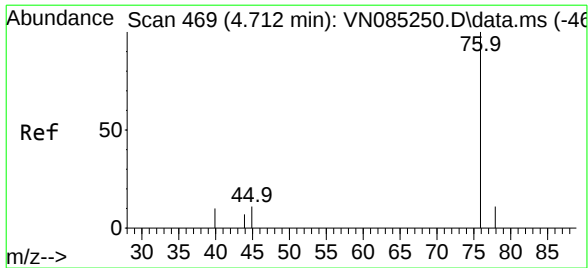
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#16
Acetone
Concen: 70.710 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Tgt Ion: 43 Resp: 72648
Ion Ratio Lower Upper
43 100
58 29.1 20.8 31.2





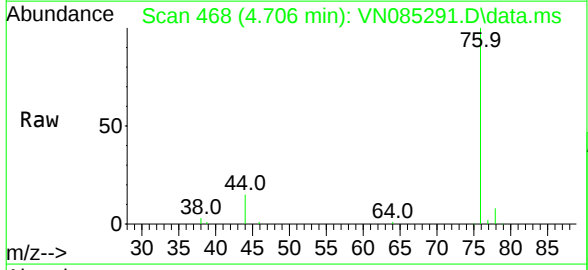
#17
Carbon Disulfide
Concen: 16.889 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01



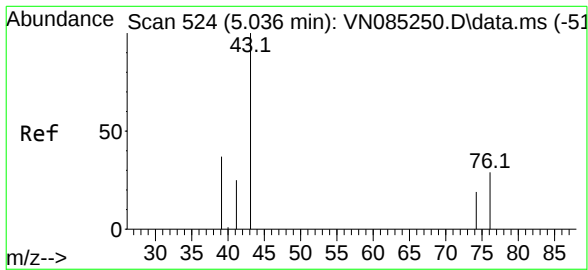
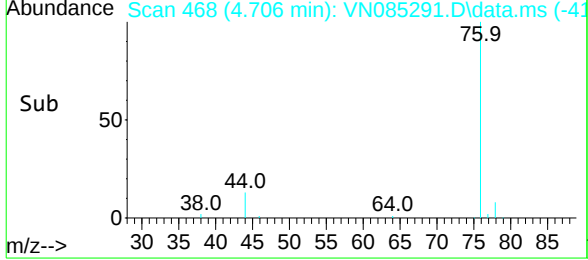
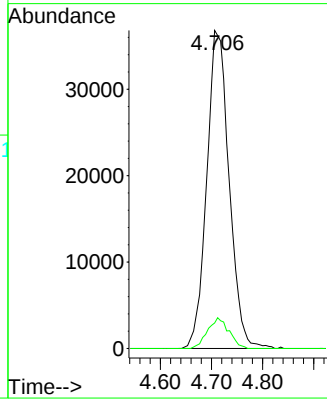
Tgt Ion: 76 Resp: 112025
Ion Ratio Lower Upper
76 100
78 8.0 6.8 10.2

Manual Integrations

APPROVED

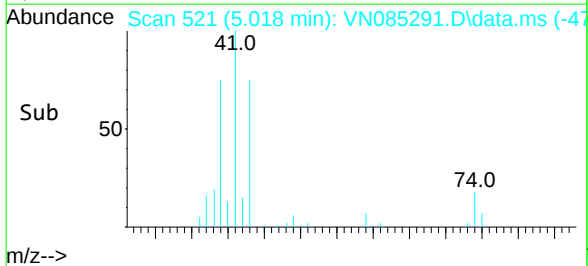
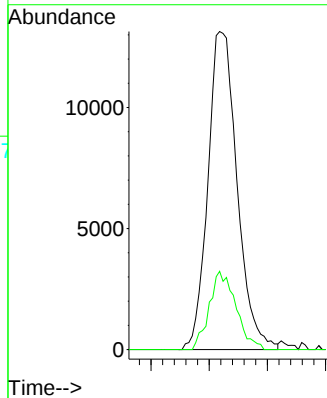
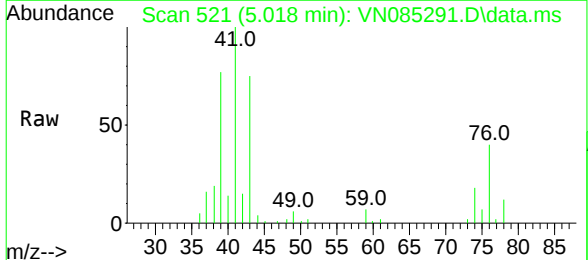
Reviewed By :John Carlone 12/26/2024

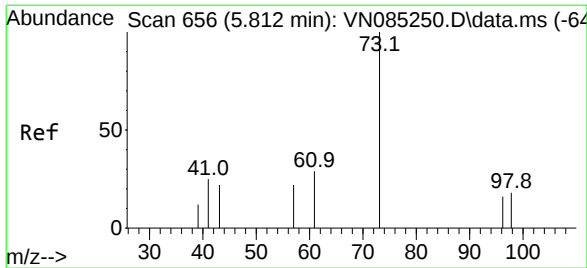
Supervised By :Mahesh Dadoda 12/26/2024



#18
Methyl Acetate
Concen: 15.752 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Tgt Ion: 43 Resp: 45817
Ion Ratio Lower Upper
43 100
74 22.4 17.5 26.3





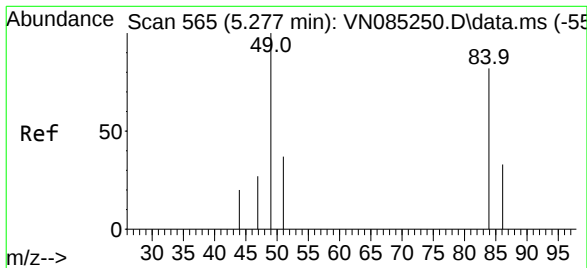
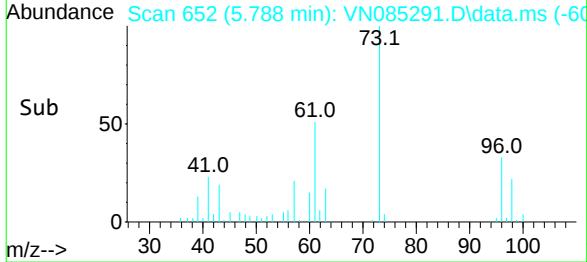
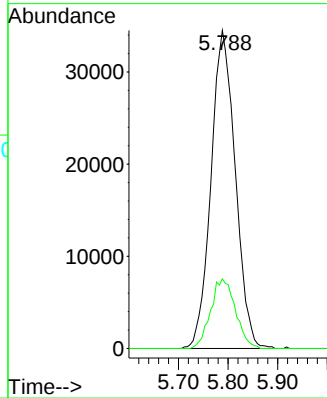
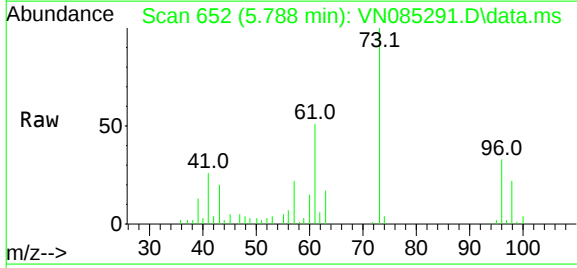
#19
Methyl tert-butyl Ether
Concen: 17.606 ug/l
RT: 5.788 min Scan# 65
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Tgt Ion: 73 Resp: 117289
Ion Ratio Lower Upper
73 100
57 21.9 17.0 25.6

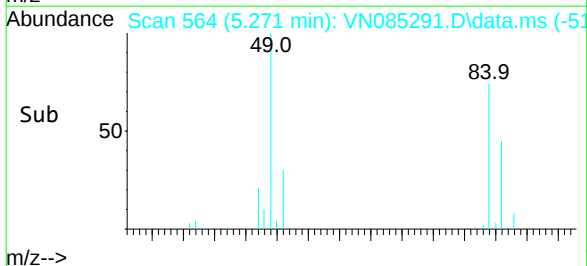
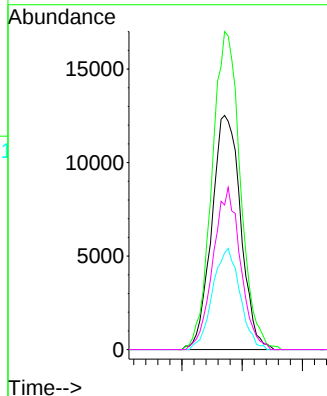
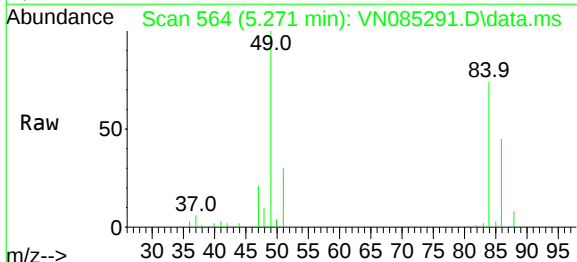
Manual Integrations
APPROVED

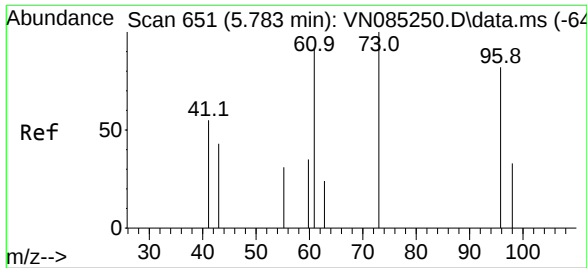
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#20
Methylene Chloride
Concen: 18.589 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

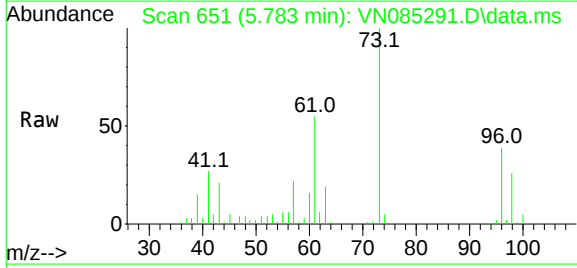
Tgt Ion: 84 Resp: 41778
Ion Ratio Lower Upper
84 100
49 135.8 103.6 155.4
51 41.3 34.2 51.2
86 61.8 48.9 73.3





#21
trans-1,2-Dichloroethene
Concen: 17.807 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

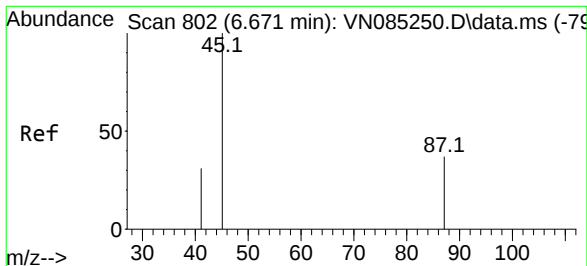
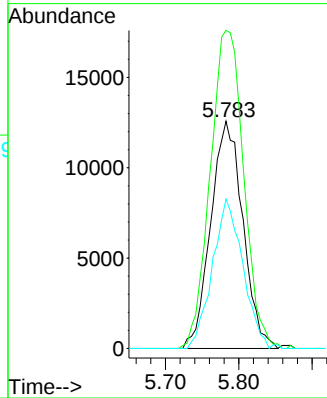
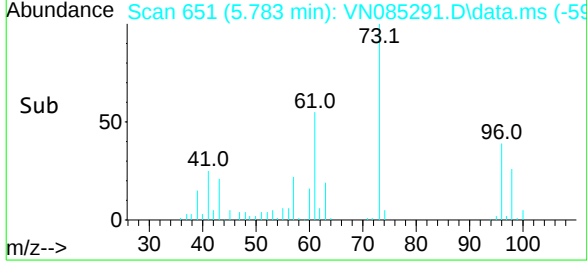
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01



Tgt Ion: 96 Resp: 38159
Ion Ratio Lower Upper
96 100
61 140.0 122.0 183.0
98 65.7 54.3 81.5

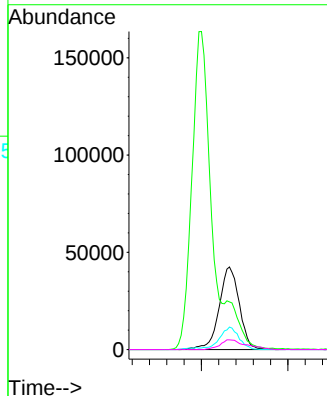
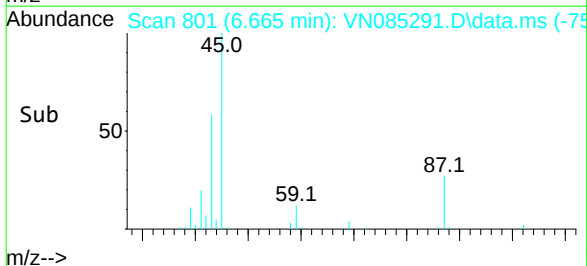
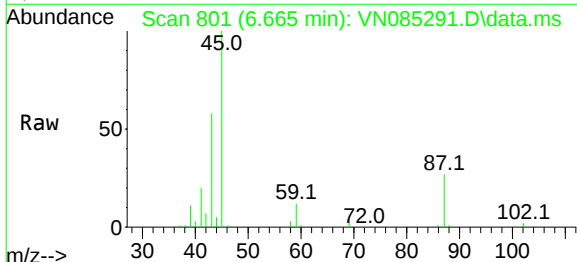
Manual Integrations
APPROVED

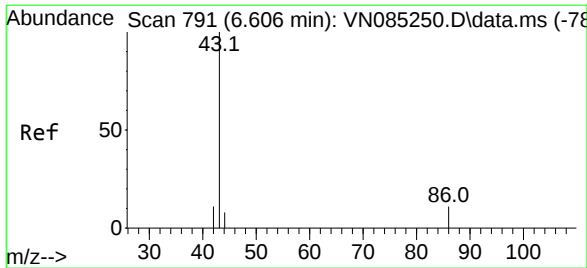
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#22
Diisopropyl ether
Concen: 19.163 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Tgt Ion: 45 Resp: 137605
Ion Ratio Lower Upper
45 100
43 56.7 43.8 65.6
87 27.3 21.2 31.8
59 11.8 8.6 13.0





#23

Vinyl Acetate

Concen: 87.097 ug/l

RT: 6.600 min Scan# 791

Delta R.T. -0.000 min

Lab File: VN085291.D

Acq: 23 Dec 2024 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01

Tgt Ion: 43 Resp: 483282

Ion Ratio Lower Upper

43 100

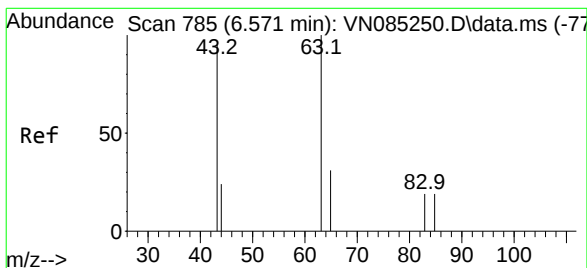
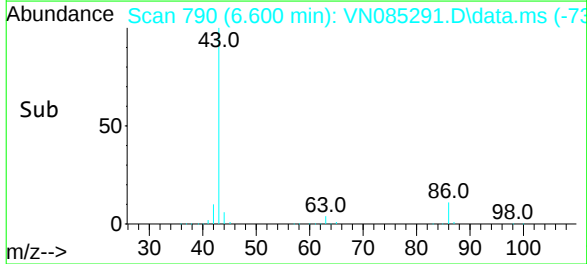
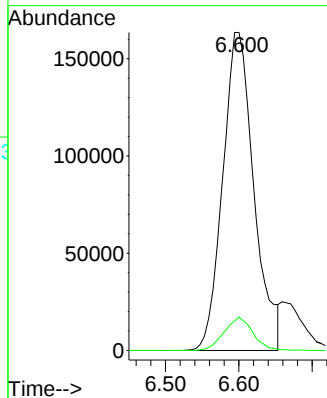
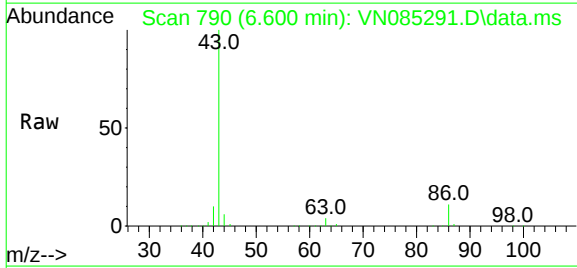
86 10.5 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#24

1,1-Dichloroethane

Concen: 18.719 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.000 min

Lab File: VN085291.D

Acq: 23 Dec 2024 14:03

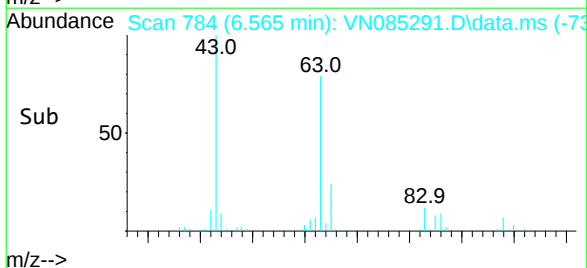
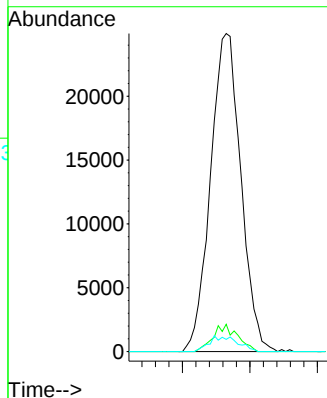
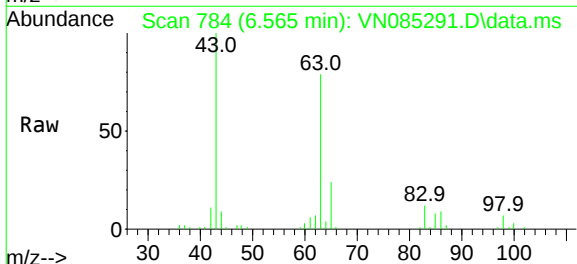
Tgt Ion: 63 Resp: 77866

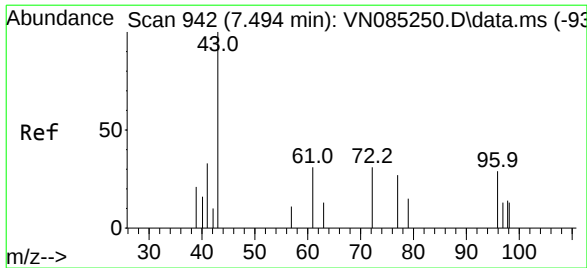
Ion Ratio Lower Upper

63 100

98 8.6 2.9 8.6#

100 3.8 2.1 6.5





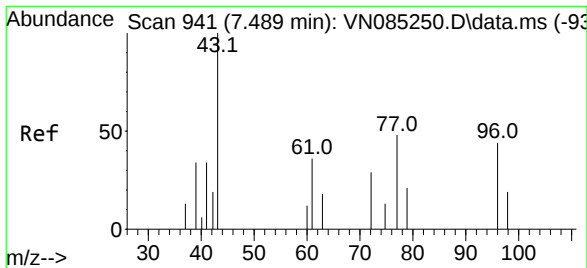
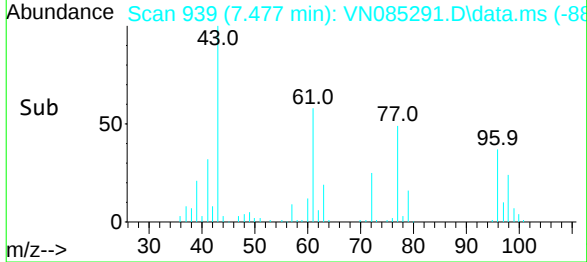
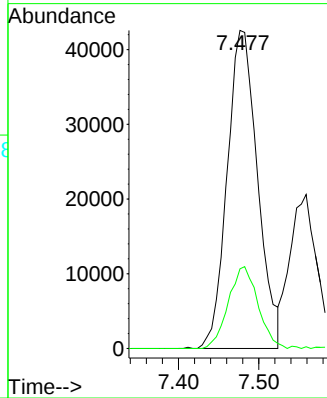
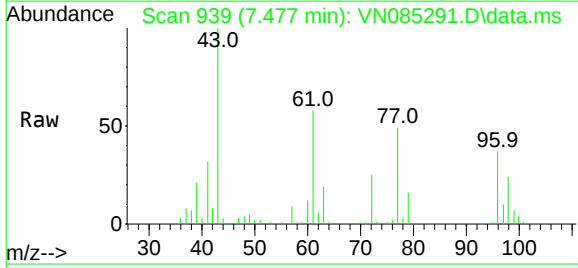
#25
2-Butanone
Concen: 71.355 ug/l
RT: 7.477 min Scan# 93
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Tgt Ion: 43 Resp: 112268
Ion Ratio Lower Upper
43 100
72 25.0 19.6 29.4

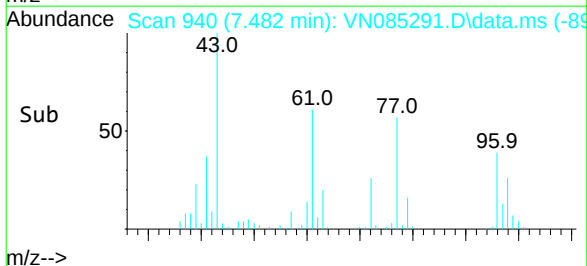
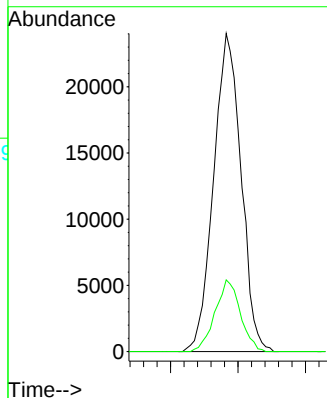
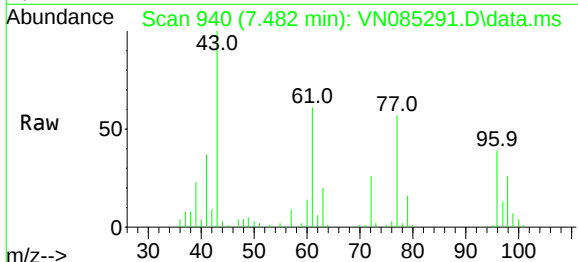
Manual Integrations
APPROVED

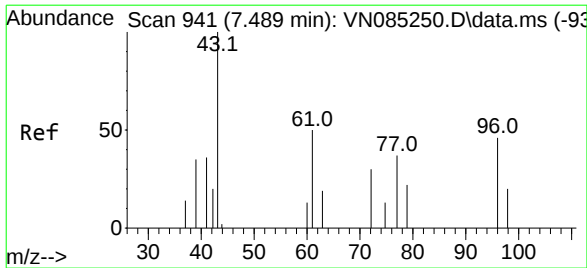
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#26
2,2-Dichloropropane
Concen: 17.611 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

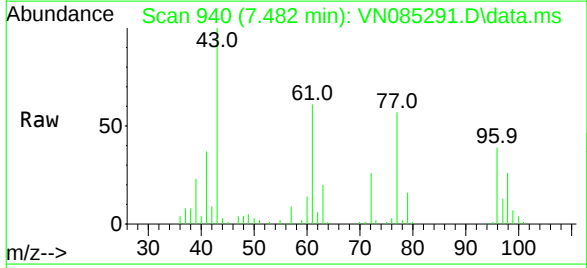
Tgt Ion: 77 Resp: 67835
Ion Ratio Lower Upper
77 100
97 20.7 10.5 31.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.873 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN085291.D
 Acq: 23 Dec 2024 14:03

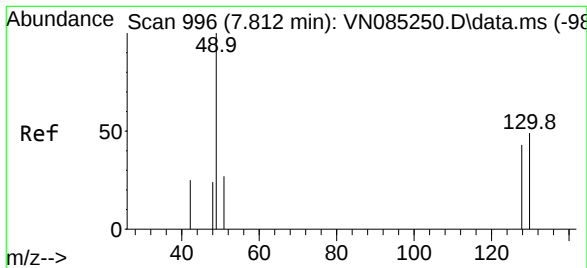
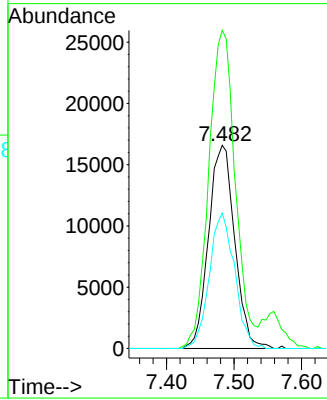
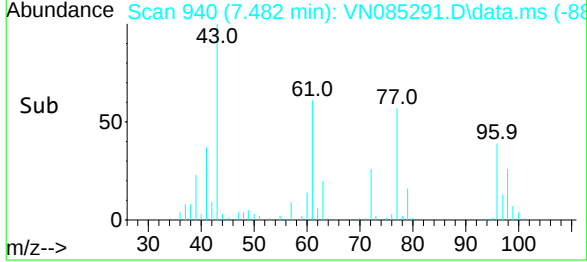
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBSD01



Tgt Ion: 96 Resp: 44595
 Ion Ratio Lower Upper
 96 100
 61 159.8 0.0 316.4
 98 64.5 0.0 125.4

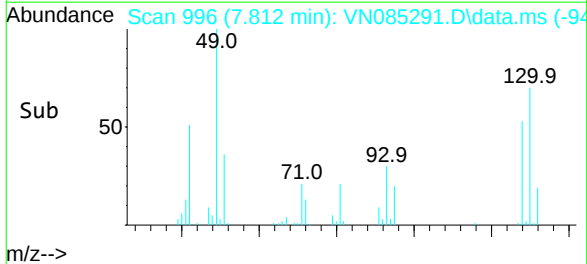
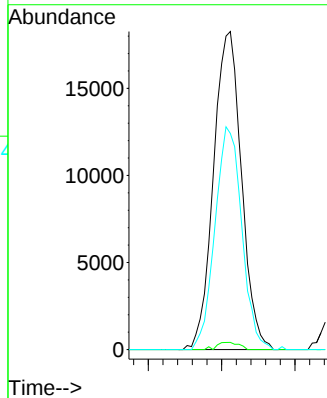
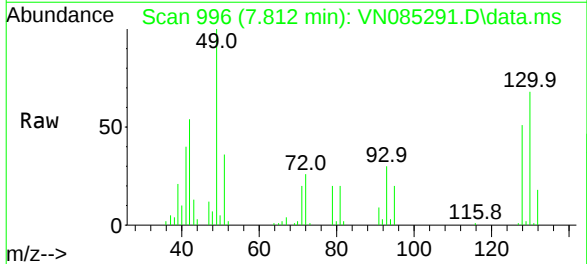
Manual Integrations
 APPROVED

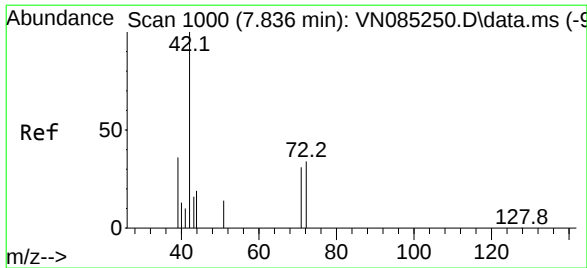
Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024



#28
 Bromochloromethane
 Concen: 23.053 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN085291.D
 Acq: 23 Dec 2024 14:03

Tgt Ion: 49 Resp: 48360
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 67.1 54.1 81.1





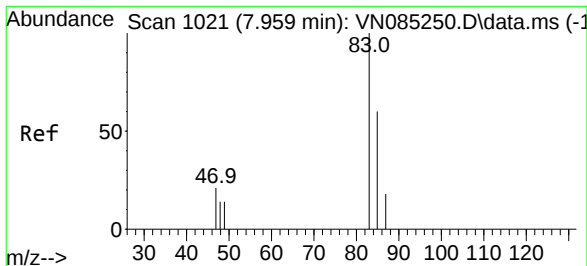
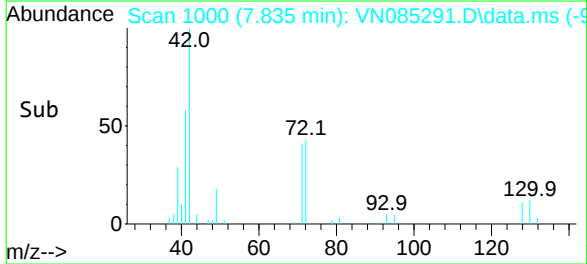
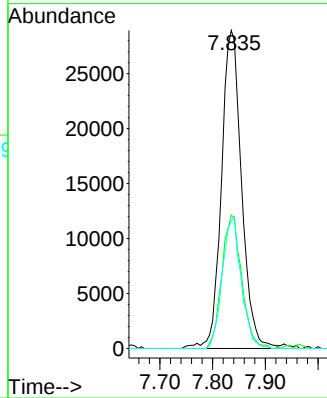
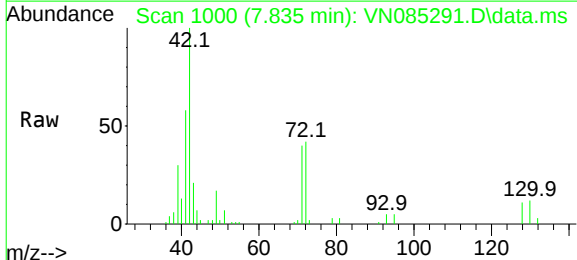
#29
Tetrahydrofuran
Concen: 75.701 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Tgt Ion: 42 Resp: 76778
Ion Ratio Lower Upper
42 100
72 41.2 32.7 49.1
71 38.8 31.4 47.2

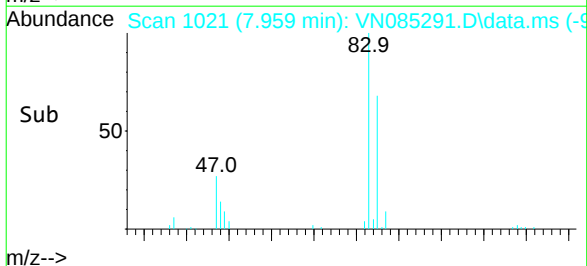
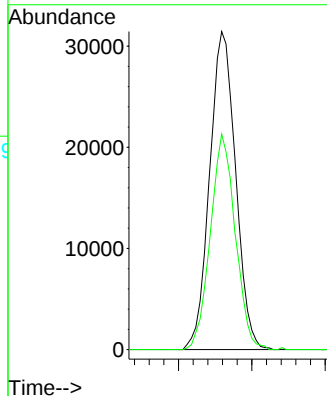
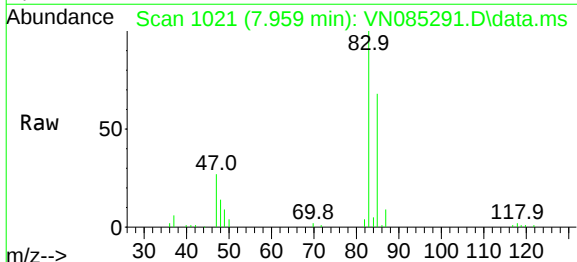
Manual Integrations
APPROVED

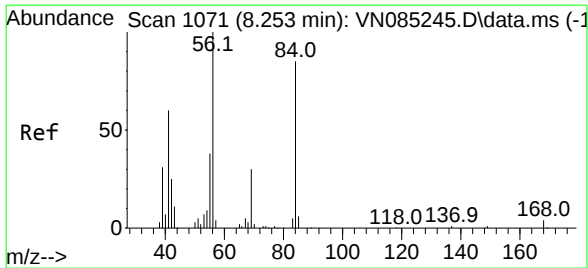
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#30
Chloroform
Concen: 17.417 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Tgt Ion: 83 Resp: 77369
Ion Ratio Lower Upper
83 100
85 67.7 51.4 77.0





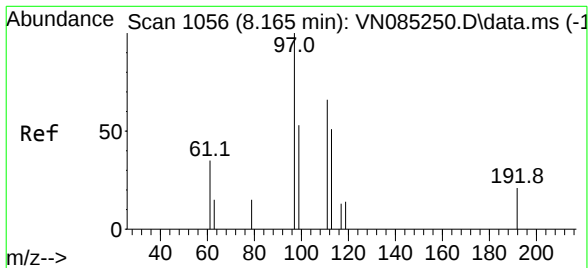
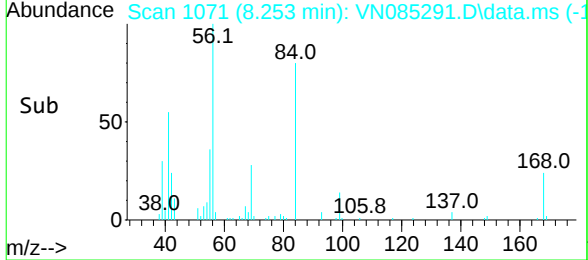
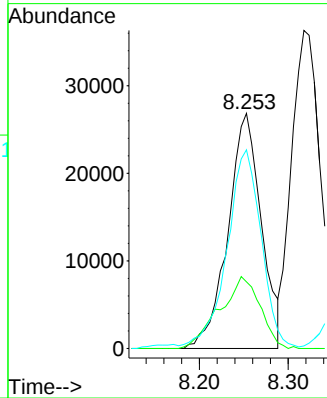
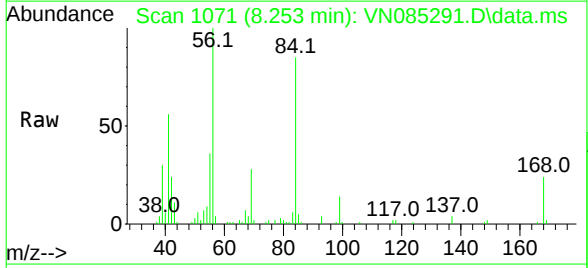
#31
Cyclohexane
Concen: 18.221 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Tgt Ion: 56	Resp: 70164
Ion Ratio	Lower Upper
56 100	
69 28.3	23.6 35.4
84 83.3	66.6 99.8

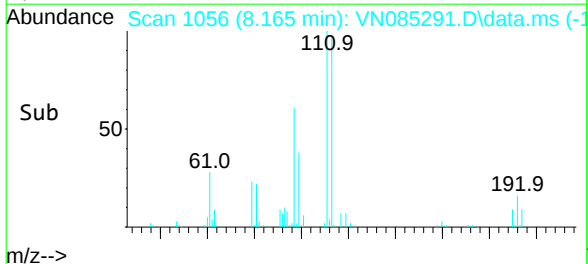
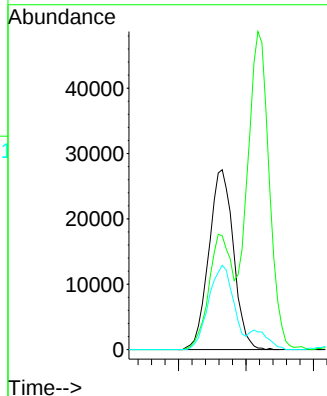
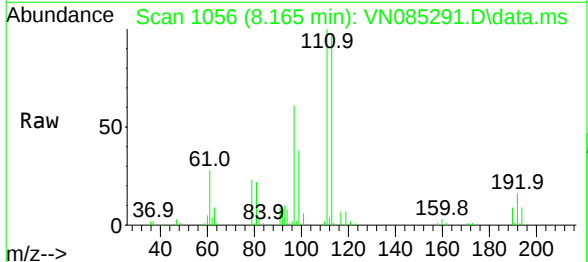
Manual Integrations
APPROVED

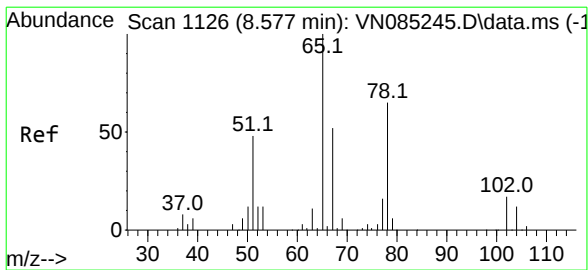
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#32
1,1,1-Trichloroethane
Concen: 17.616 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

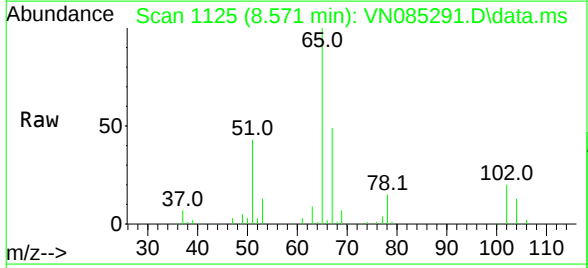
Tgt Ion: 97	Resp: 69747
Ion Ratio	Lower Upper
97 100	
99 58.9	51.4 77.0
61 47.6	40.4 60.6





#33
1,2-Dichloroethane-d4
Concen: 49.222 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

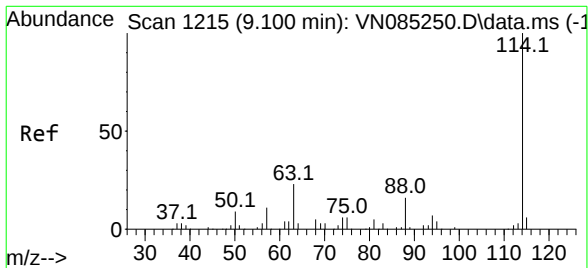
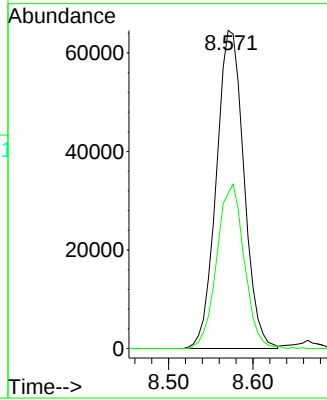
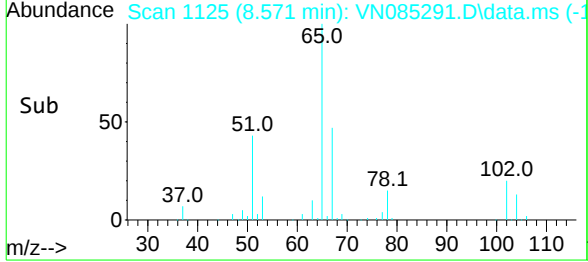
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01



Tgt Ion: 65 Resp: 146507
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.2

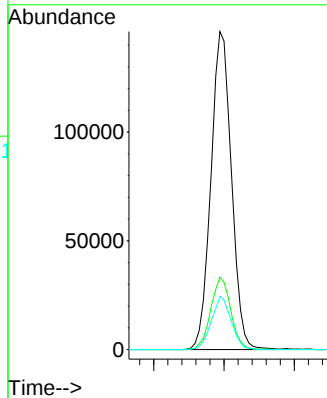
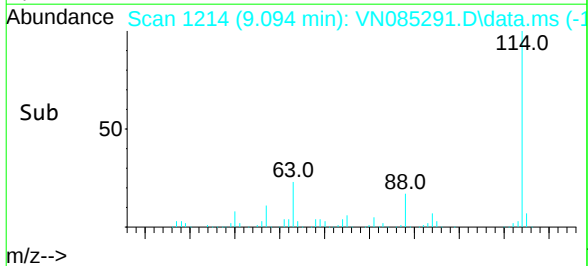
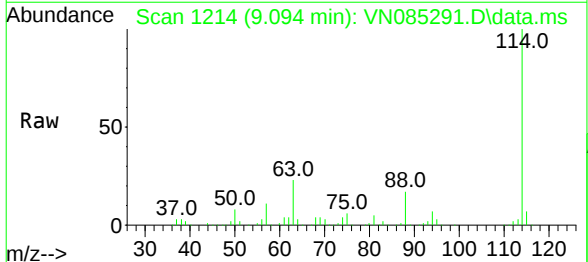
Manual Integrations
APPROVED

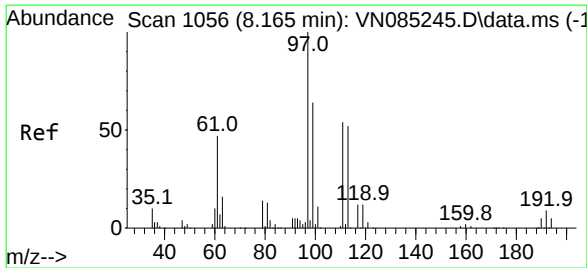
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Tgt Ion:114 Resp: 296655
Ion Ratio Lower Upper
114 100
63 22.8 0.0 46.2
88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.733 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN085291.D

Acq: 23 Dec 2024 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01

Tgt Ion:113 Resp: 107897

Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

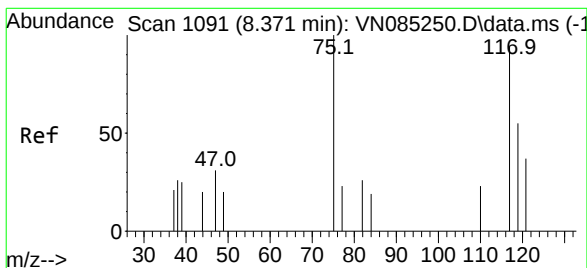
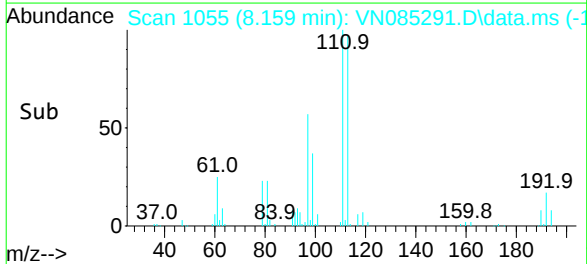
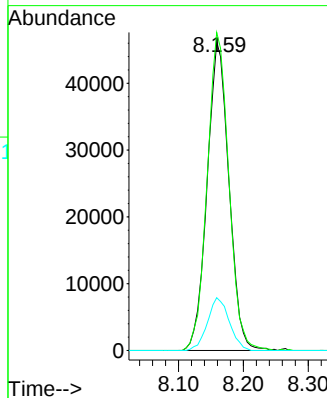
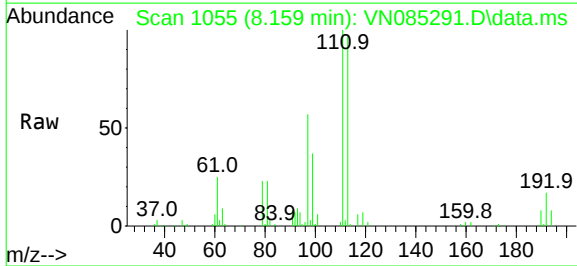
192 17.1 13.4 20.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#36

1,1-Dichloropropene

Concen: 18.927 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085291.D

Acq: 23 Dec 2024 14:03

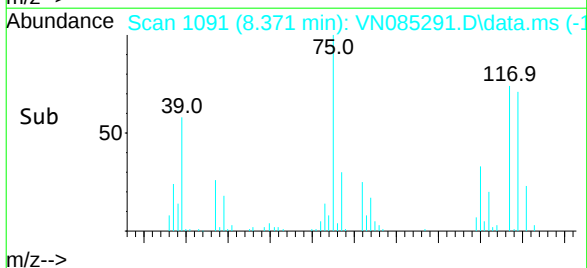
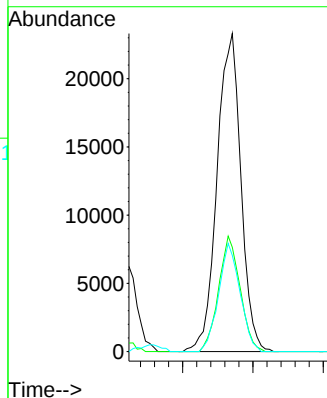
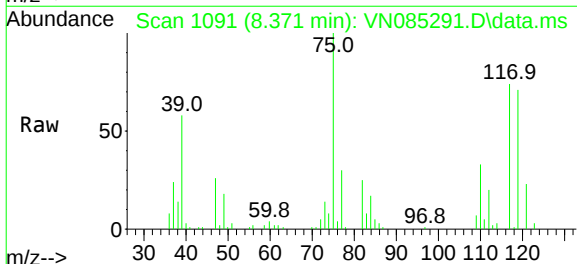
Tgt Ion: 75 Resp: 54967

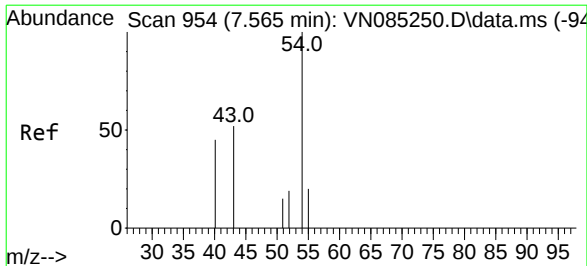
Ion Ratio Lower Upper

75 100

110 32.7 16.0 48.0

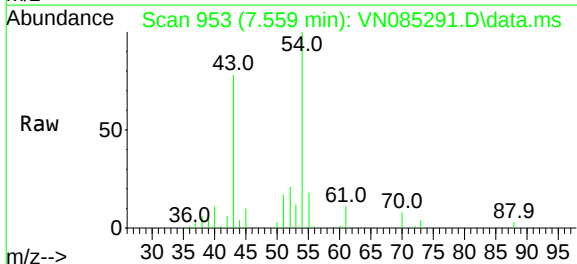
77 30.5 24.6 36.8





#37
Ethyl Acetate
Concen: 15.324 ug/l
RT: 7.559 min Scan# 954
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

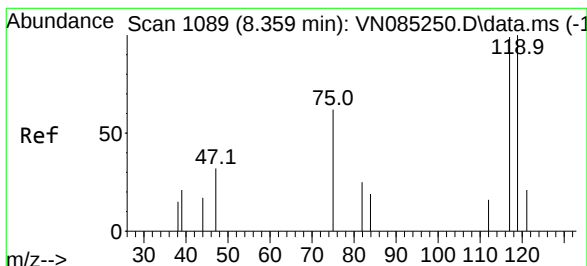
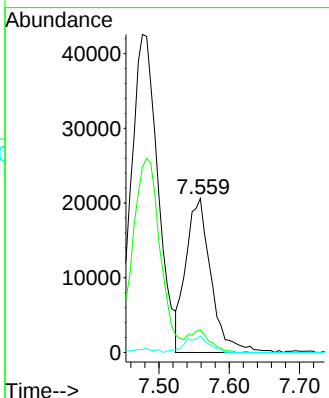
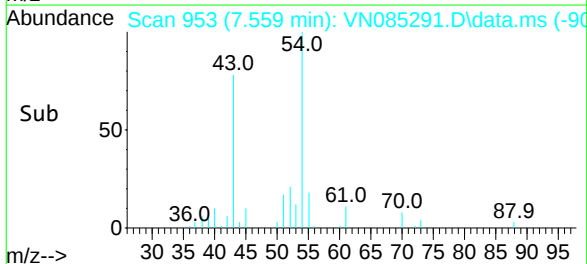
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01



Tgt Ion:	43	Ratio	100	Lower	Upper
43	100				
61	12.1		9.8	14.6	
70	9.8		7.8	11.8	

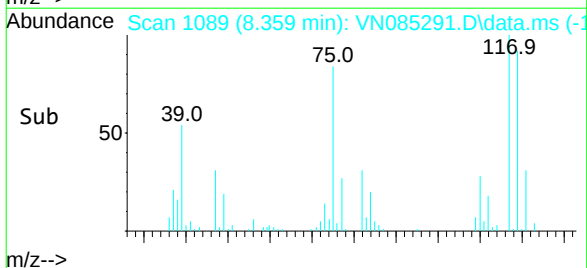
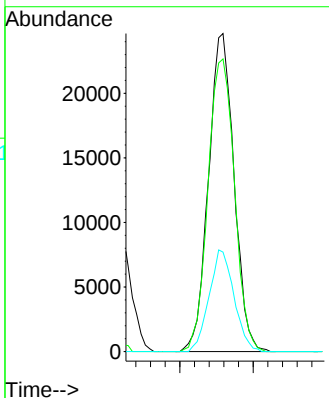
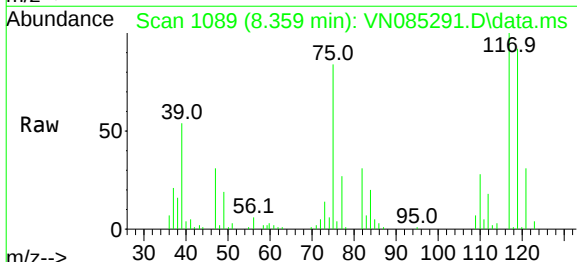
Manual Integrations
APPROVED

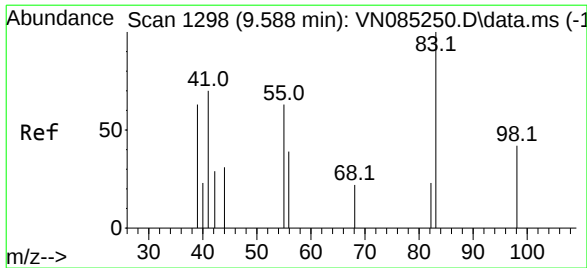
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#38
Carbon Tetrachloride
Concen: 16.943 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Tgt Ion:	117	Ratio	100	Lower	Upper
117	100				
119	92.0		74.8	112.2	
121	31.3		24.2	36.4	





#39

Methylcyclohexane

Concen: 18.234 ug/l

RT: 9.594 min Scan# 12

Delta R.T. -0.006 min

Lab File: VN085291.D

Acq: 23 Dec 2024 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01

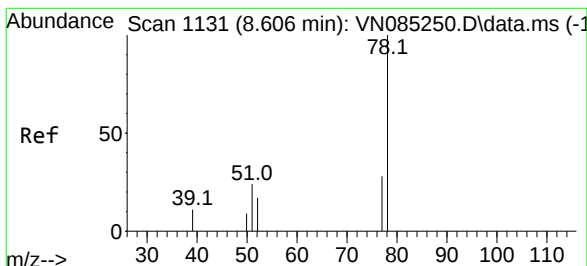
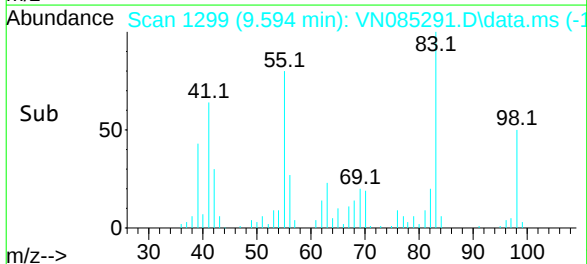
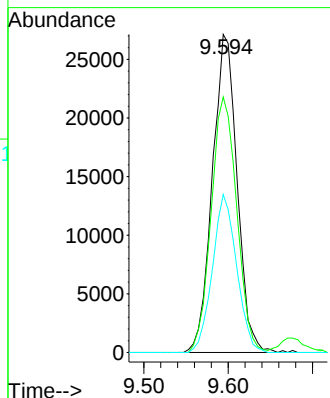
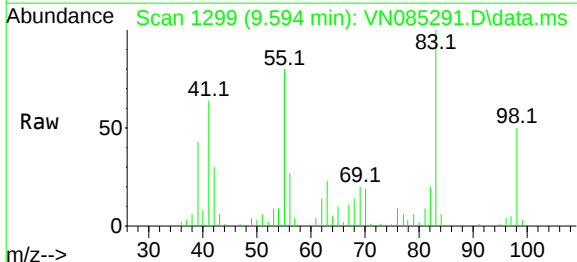
Tgt Ion:	83	Resp:	55104
Ion	Ratio	Lower	Upper
83	100		
55	80.3	66.8	100.2
98	49.7	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#40

Benzene

Concen: 18.599 ug/l

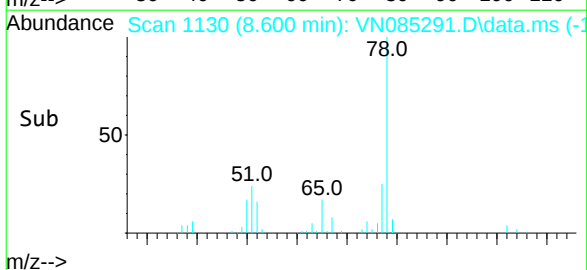
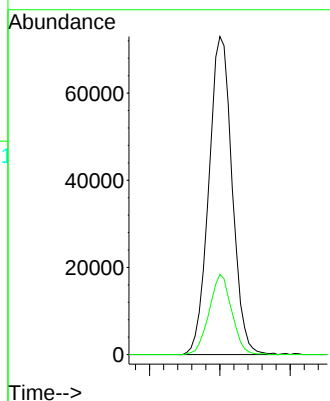
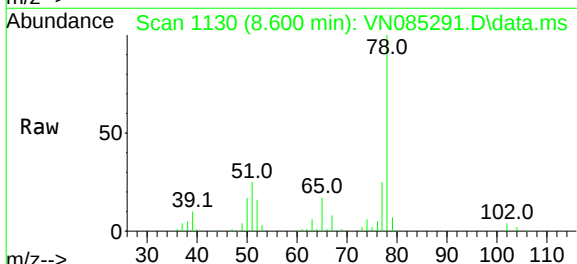
RT: 8.600 min Scan# 1130

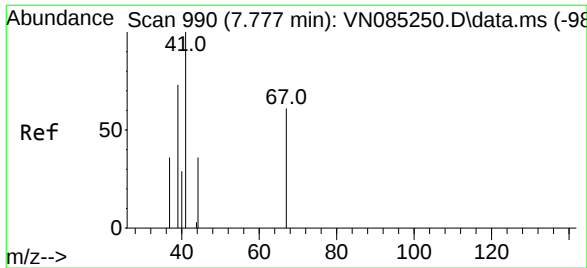
Delta R.T. -0.000 min

Lab File: VN085291.D

Acq: 23 Dec 2024 14:03

Tgt Ion:	78	Resp:	168038
Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.9	28.3





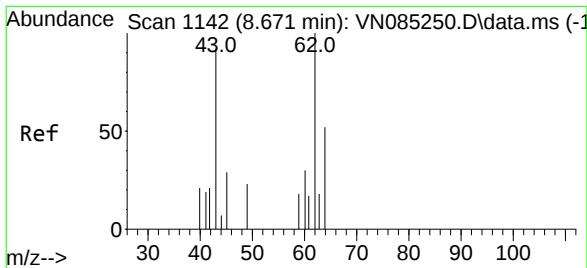
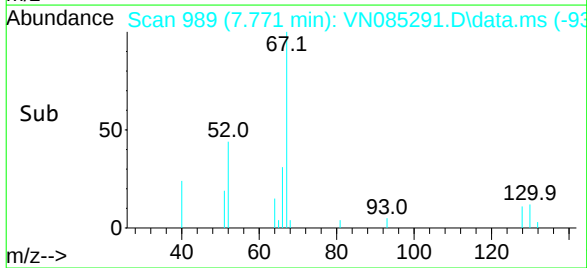
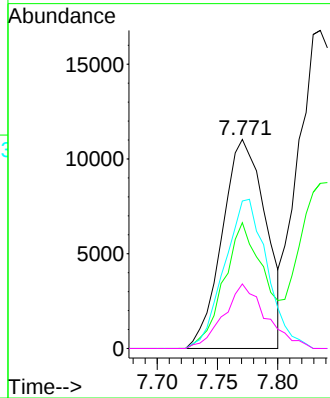
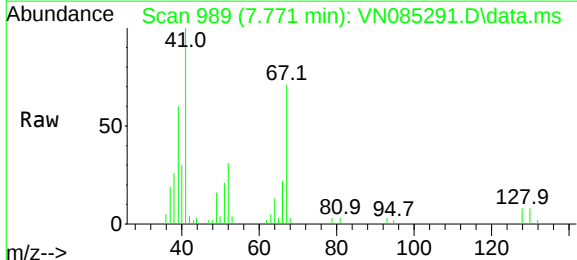
#41
Methacrylonitrile
Concen: 16.234 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Tgt Ion:	41	Resp:	27719
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.0	66.0
67	70.0	56.0	84.0
52	30.1	25.8	38.6

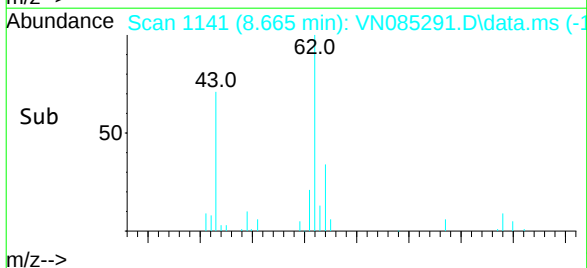
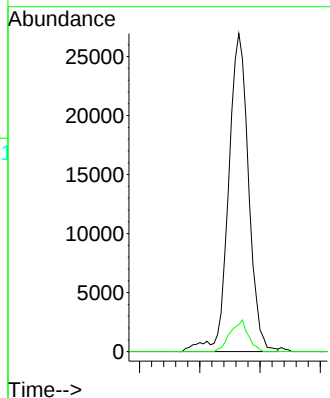
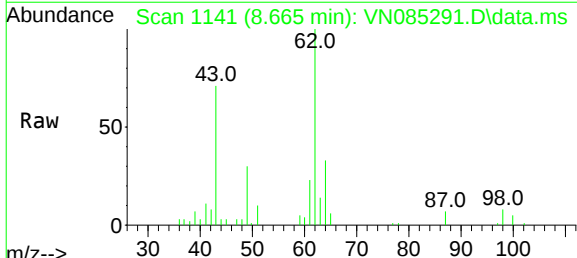
Manual Integrations
APPROVED

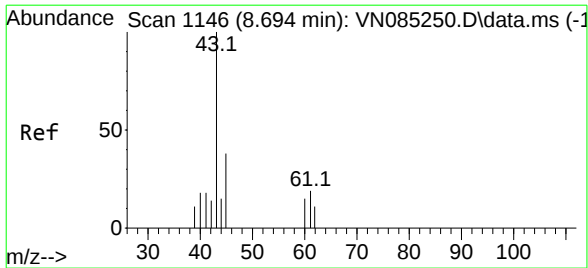
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#42
1,2-Dichloroethane
Concen: 18.136 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Tgt Ion:	62	Resp:	62413
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.4





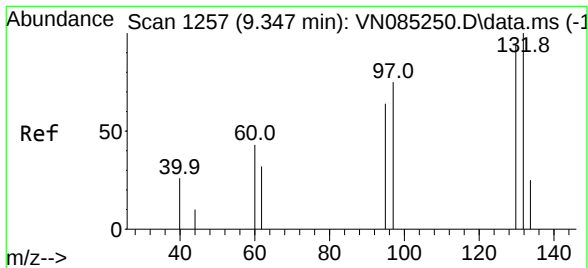
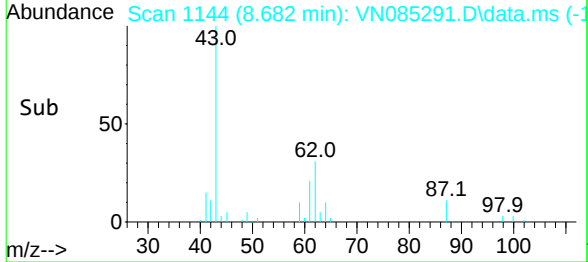
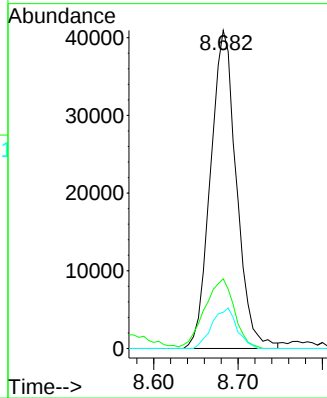
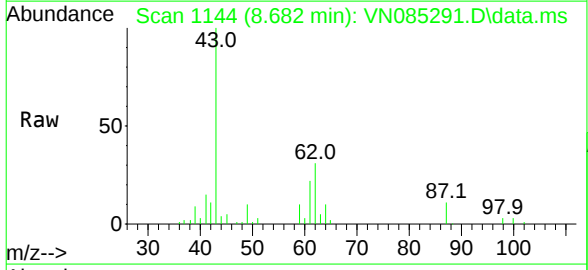
#43
Isopropyl Acetate
Concen: 14.286 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Tgt Ion: 43 Resp: 87534
Ion Ratio Lower Upper
43 100
61 25.1 19.0 28.4
87 12.2 9.3 13.9

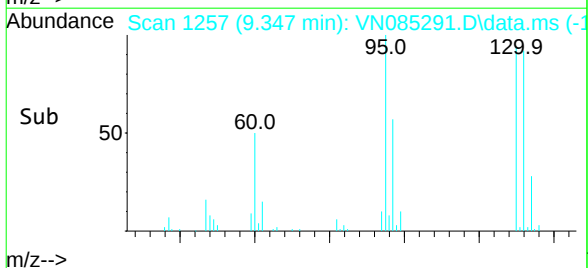
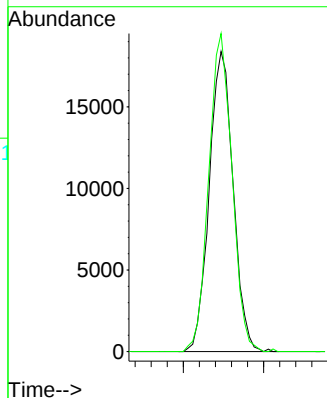
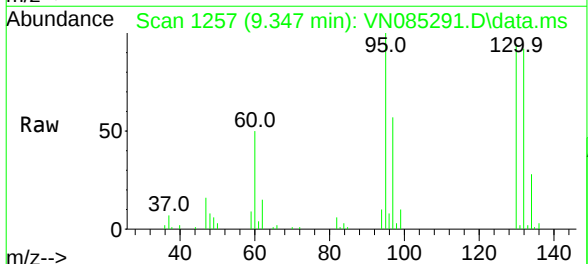
Manual Integrations
APPROVED

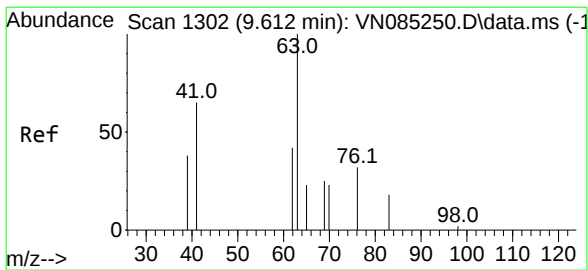
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#44
Trichloroethene
Concen: 18.896 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Tgt Ion:130 Resp: 38008
Ion Ratio Lower Upper
130 100
95 106.0 0.0 207.6





#45

1,2-Dichloropropane

Concen: 18.759 ug/l

RT: 9.618 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN085291.D

Acq: 23 Dec 2024 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01

Tgt Ion: 63 Resp: 41963

Ion Ratio Lower Upper

63 100

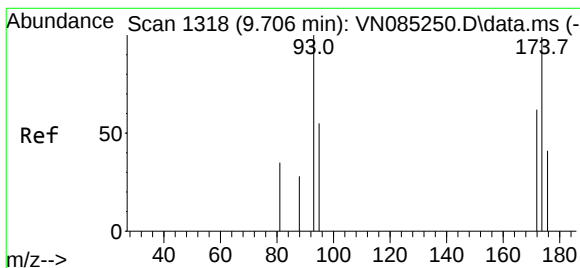
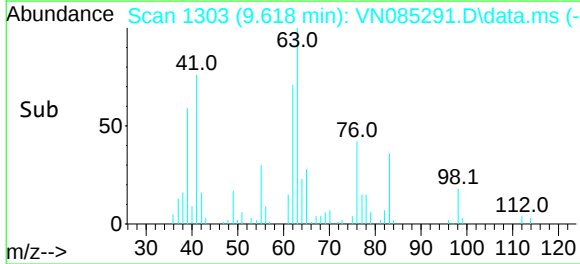
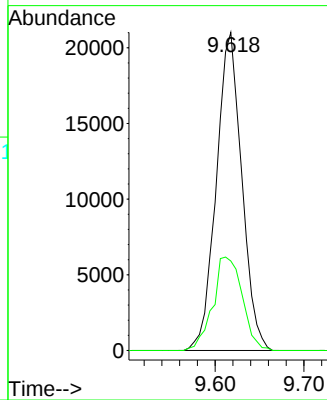
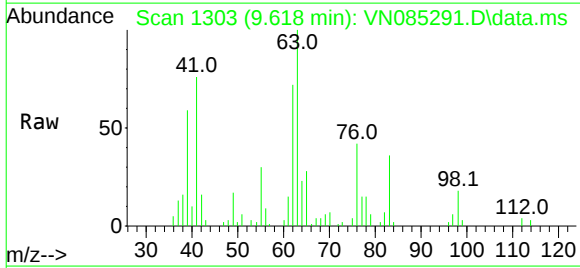
65 28.1 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#46

Dibromomethane

Concen: 17.646 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VN085291.D

Acq: 23 Dec 2024 14:03

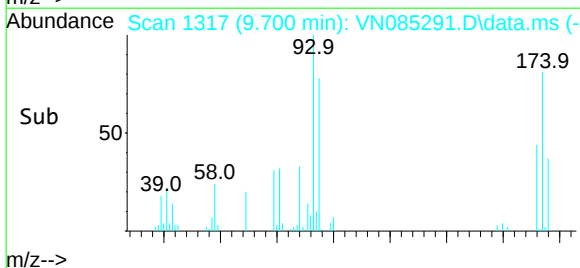
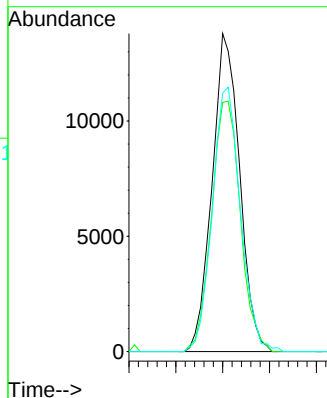
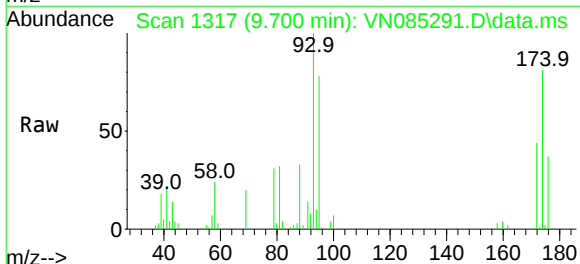
Tgt Ion: 93 Resp: 28179

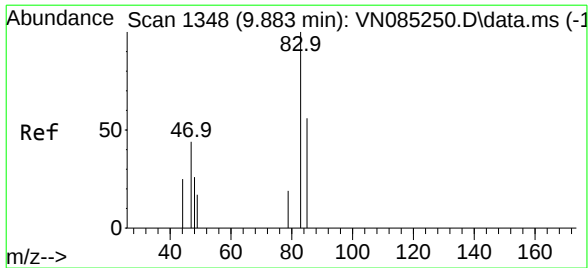
Ion Ratio Lower Upper

93 100

95 82.5 67.0 100.6

174 84.8 69.3 103.9





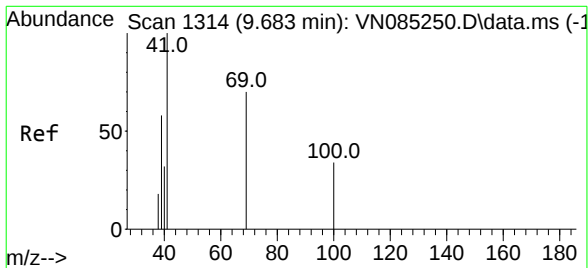
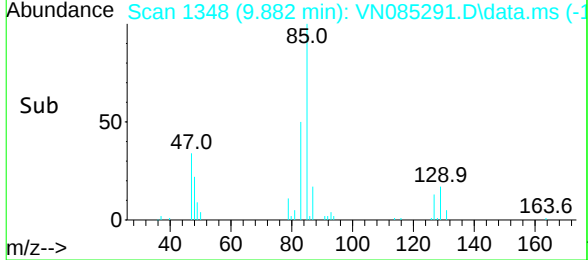
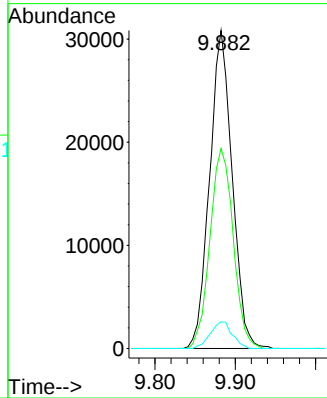
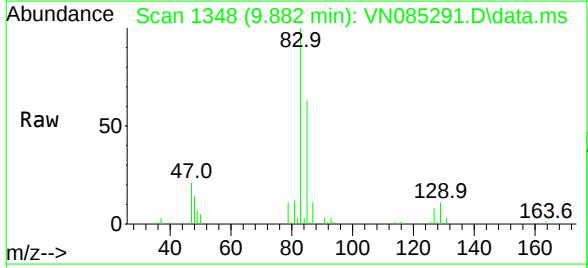
#47
Bromodichloromethane
Concen: 17.568 ug/l
RT: 9.882 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Tgt Ion:	83	Resp:	60105
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.0	76.4
127	8.4	6.3	9.5

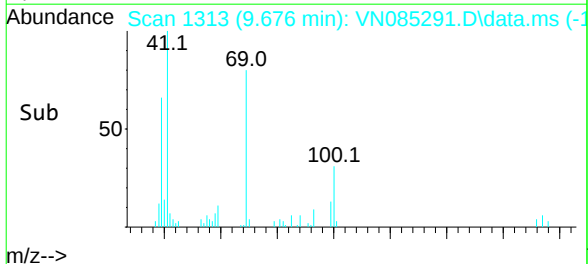
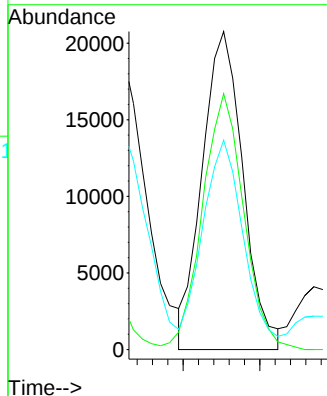
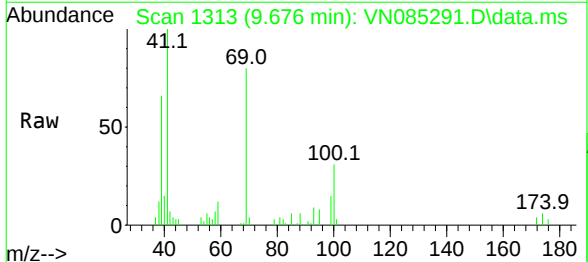
Manual Integrations
APPROVED

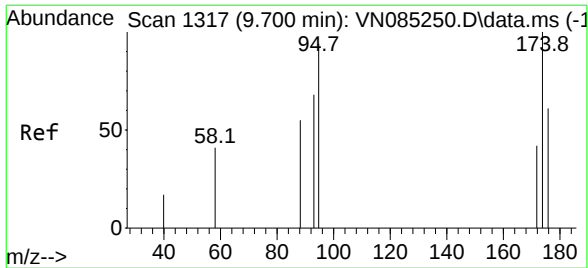
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#48
Methyl methacrylate
Concen: 15.274 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

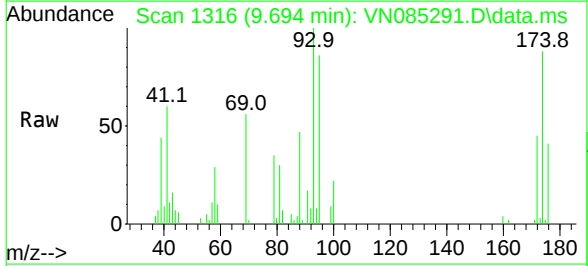
Tgt Ion:	41	Resp:	38363
Ion	Ratio	Lower	Upper
41	100		
69	81.5	61.0	91.4
39	66.3	49.8	74.8





#49
1,4-Dioxane
Concen: 276.463 ug/l
RT: 9.694 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

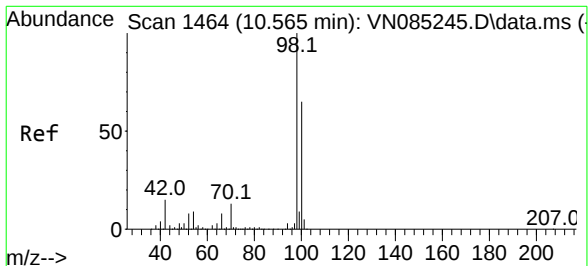
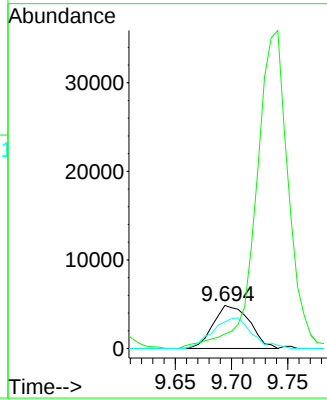
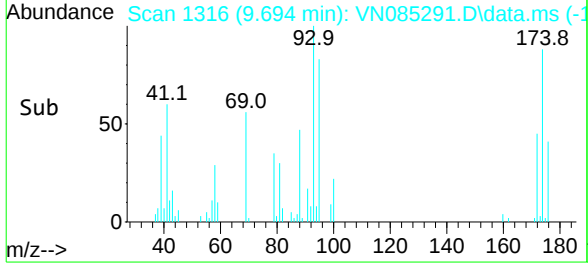
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01



Tgt Ion: 88 Resp: 10948
Ion Ratio Lower Upper
88 100
43 0.0 25.6 38.4
58 76.2 56.5 84.7

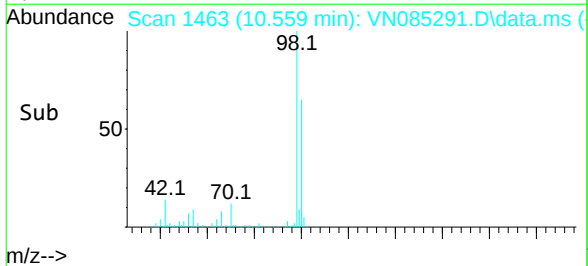
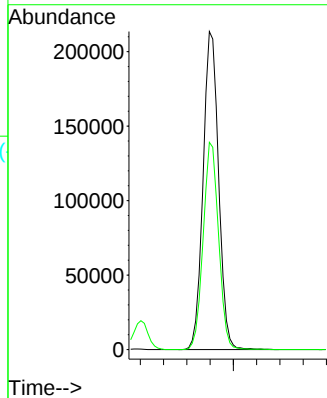
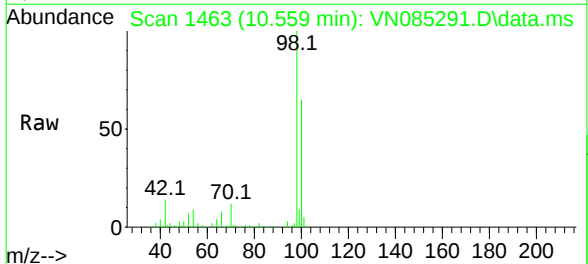
Manual Integrations
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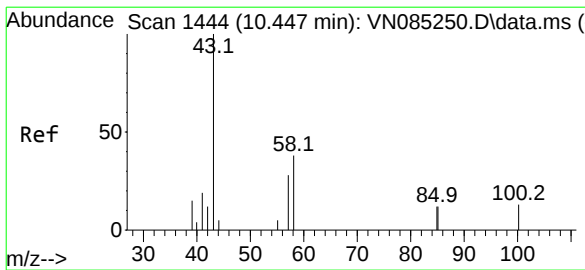
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#50
Toluene-d8
Concen: 51.919 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Tgt Ion: 98 Resp: 395778
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4





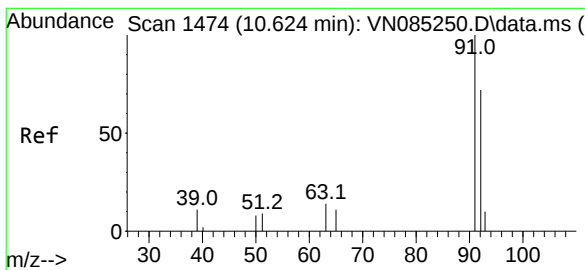
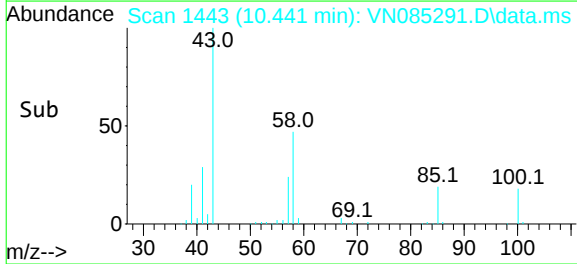
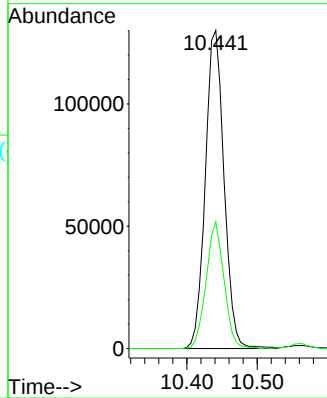
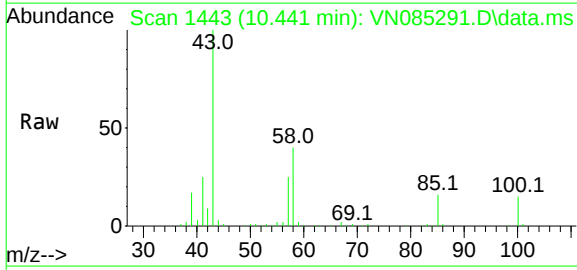
#51
4-Methyl-2-Pentanone
Concen: 74.727 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Tgt Ion: 43 Resp: 240572
Ion Ratio Lower Upper
43 100
58 38.0 29.4 44.2

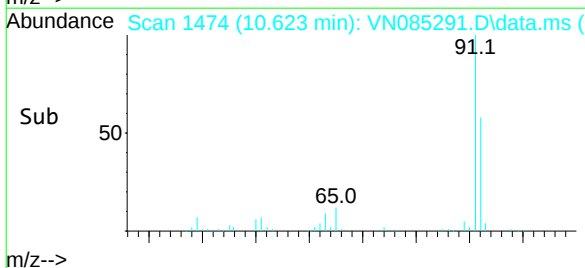
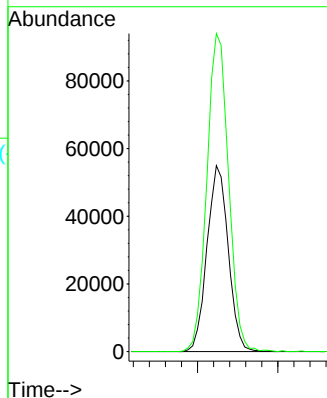
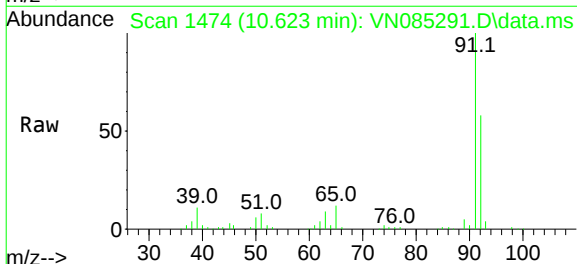
Manual Integrations
APPROVED

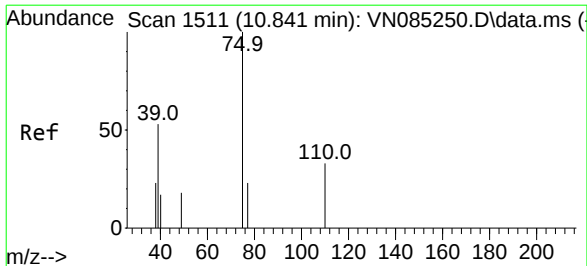
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#52
Toluene
Concen: 18.571 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

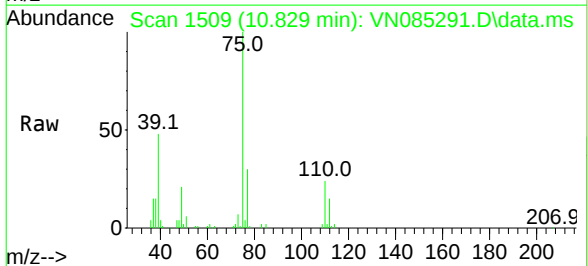
Tgt Ion: 92 Resp: 100886
Ion Ratio Lower Upper
92 100
91 174.7 138.9 208.3





#53
t-1,3-Dichloropropene
Concen: 17.851 ug/l
RT: 10.829 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

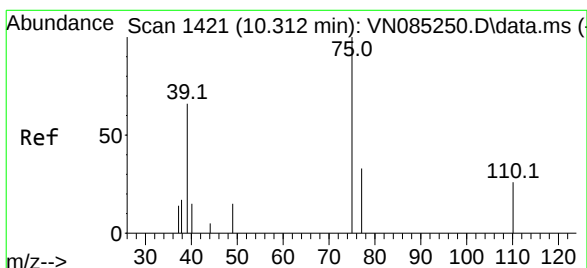
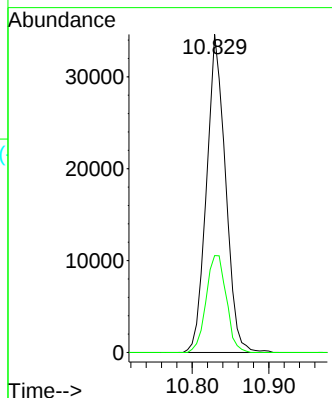
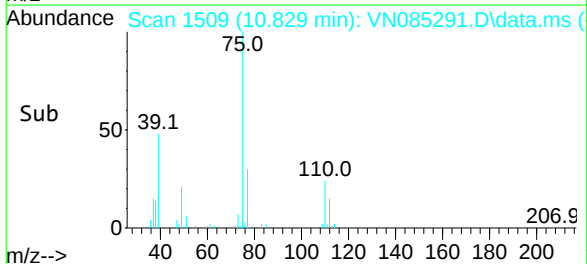
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01



Tgt Ion: 75 Resp: 59532
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0

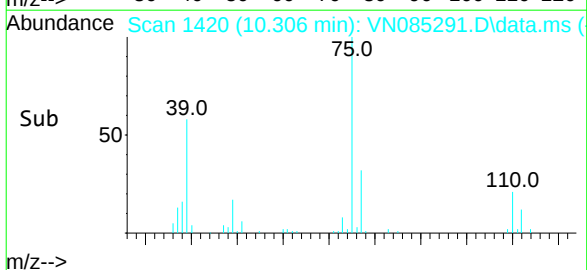
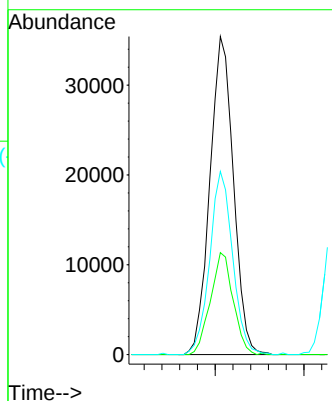
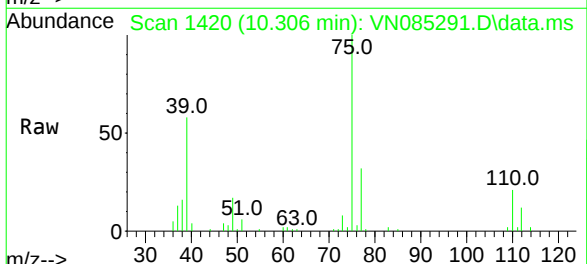
Manual Integrations
APPROVED

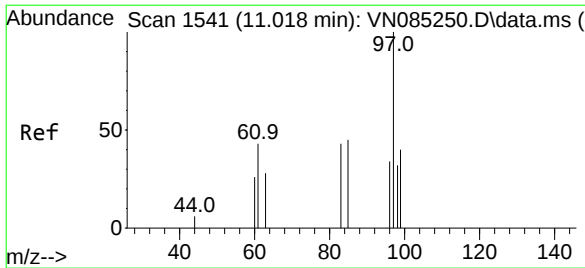
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#54
cis-1,3-Dichloropropene
Concen: 18.384 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

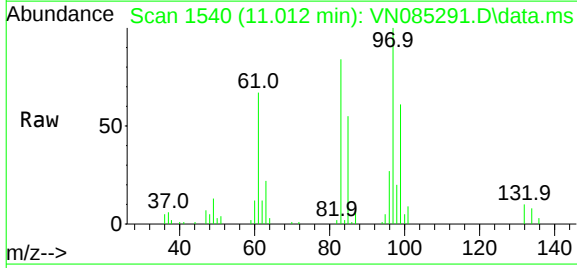
Tgt Ion: 75 Resp: 65184
Ion Ratio Lower Upper
75 100
77 32.1 26.6 39.8
39 57.6 45.3 67.9





#55
1,1,2-Trichloroethane
Concen: 18.367 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

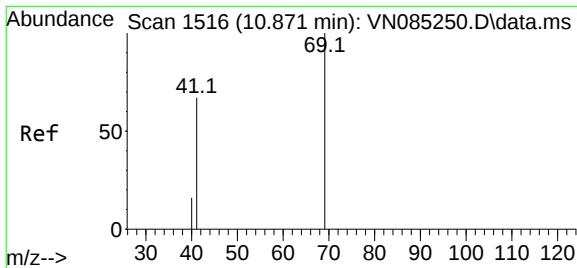
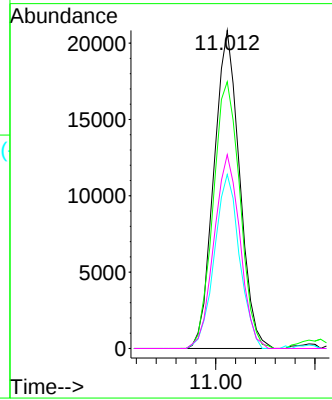
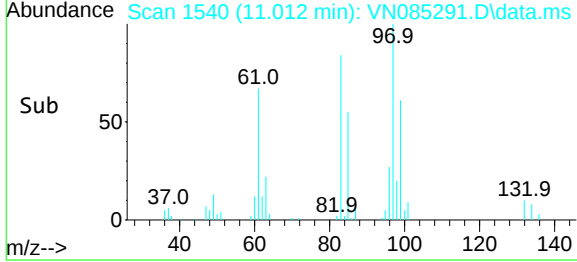
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.6	104.4
85	54.7	45.7	68.5
99	60.9	50.4	75.6

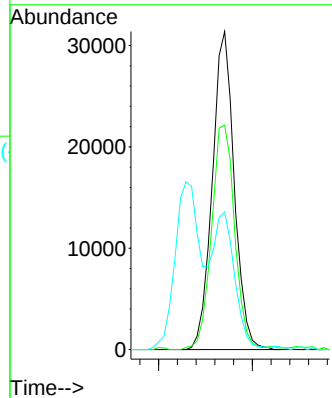
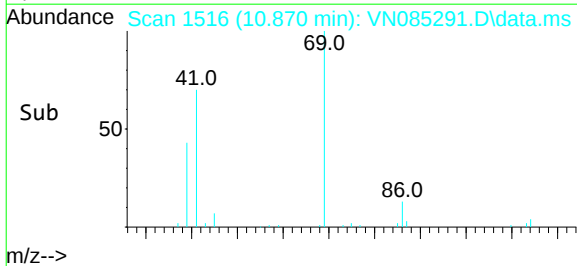
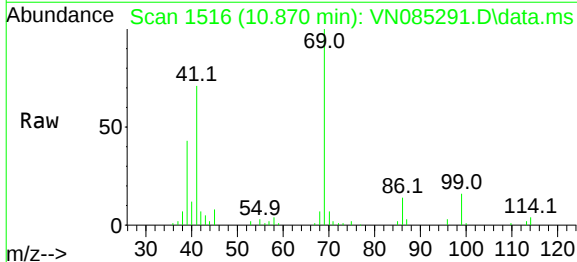
Manual Integrations
APPROVED

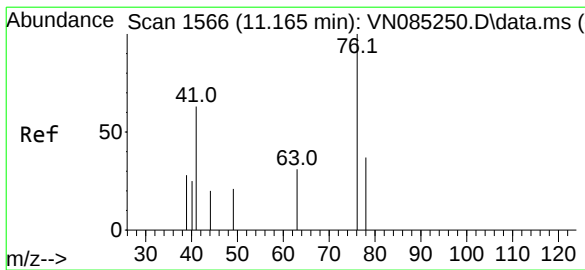
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#56
Ethyl methacrylate
Concen: 14.844 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

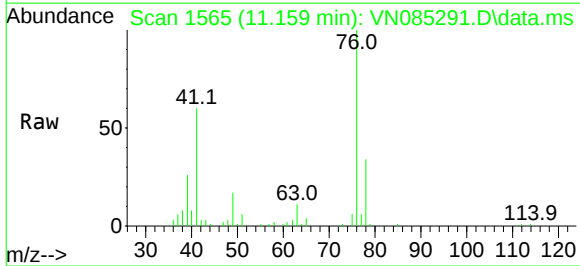
Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.1	57.5	86.3
39	40.1	33.4	50.2





#57
1,3-Dichloropropane
Concen: 18.305 ug/l
RT: 11.159 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

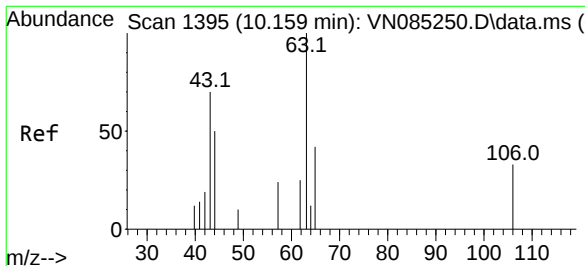
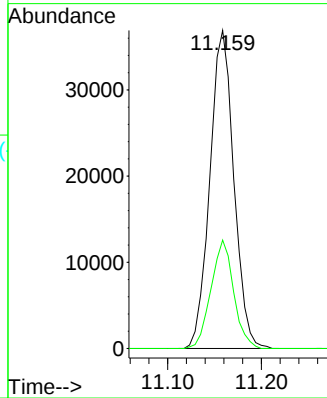
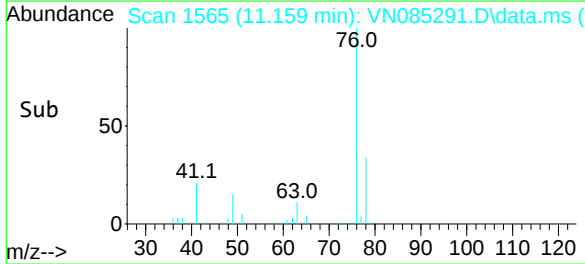
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01



Tgt Ion: 76 Resp: 65535
Ion Ratio Lower Upper
76 100
78 32.2 25.4 38.2

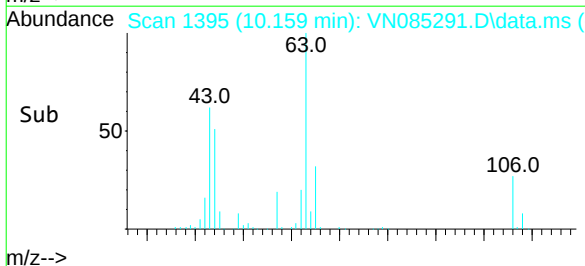
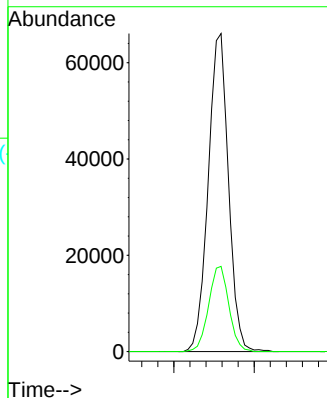
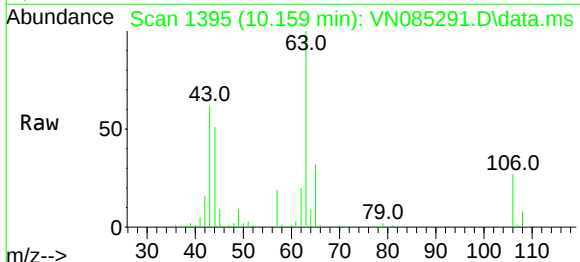
Manual Integrations
APPROVED

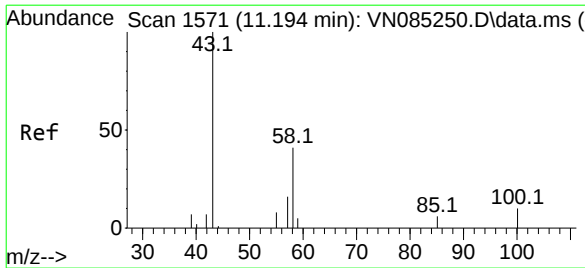
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#58
2-Chloroethyl Vinyl ether
Concen: 74.580 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Tgt Ion: 63 Resp: 115539
Ion Ratio Lower Upper
63 100
106 26.8 21.2 31.8





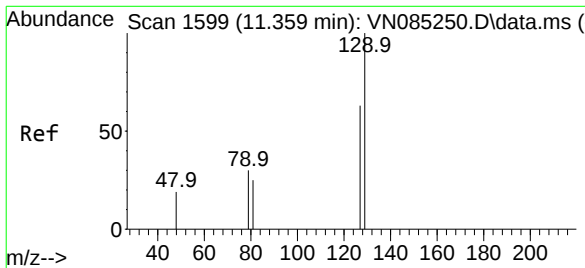
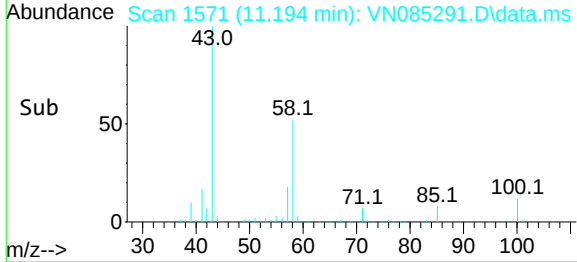
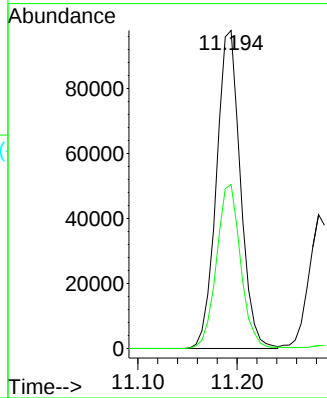
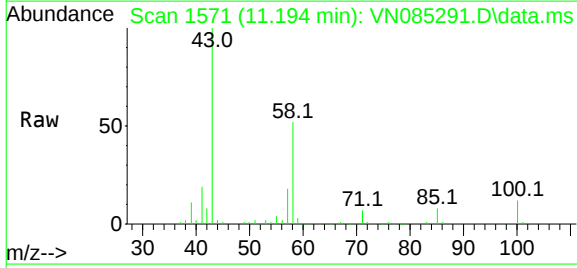
#59
2-Hexanone
Concen: 71.551 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Tgt Ion: 43 Resp: 164199
Ion Ratio Lower Upper
43 100
58 51.9 25.8 77.4

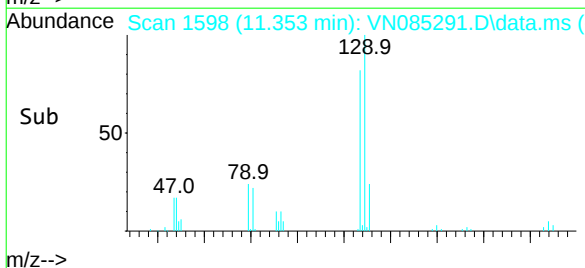
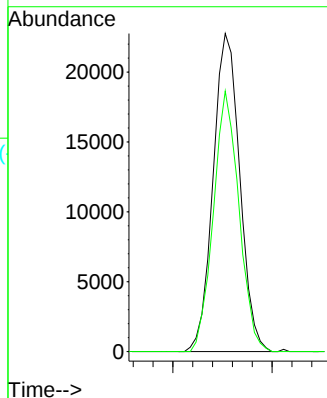
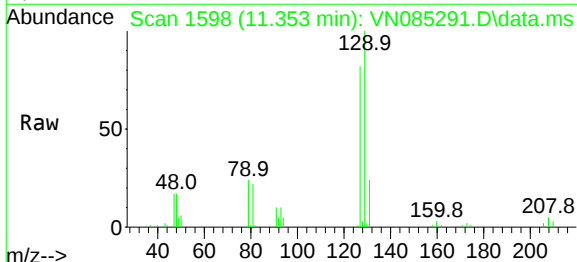
Manual Integrations
APPROVED

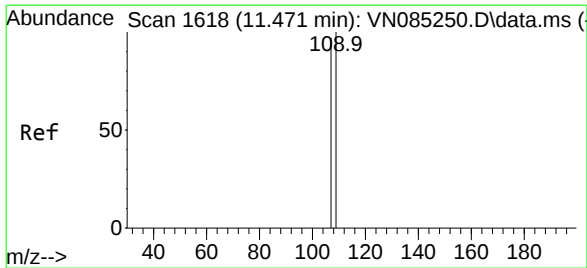
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#60
Dibromochloromethane
Concen: 17.635 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

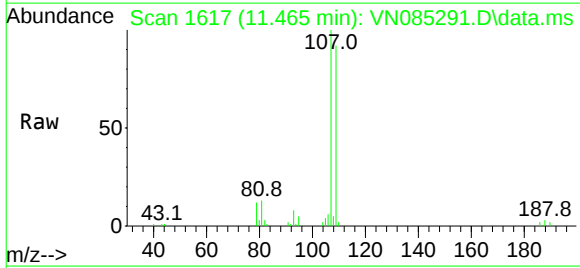
Tgt Ion:129 Resp: 42515
Ion Ratio Lower Upper
129 100
127 78.5 39.6 118.8





#61
1,2-Dibromoethane
Concen: 17.369 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

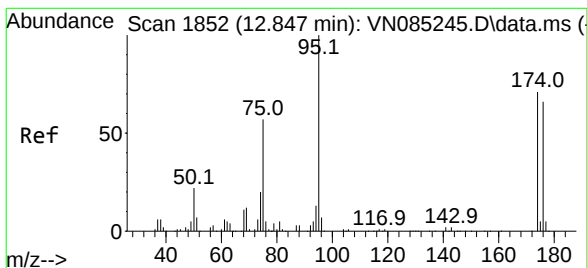
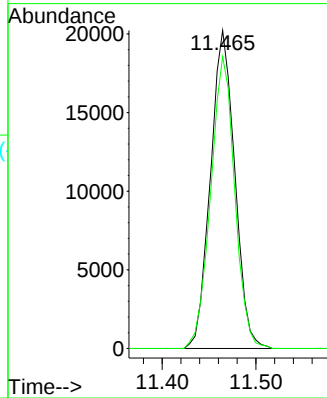
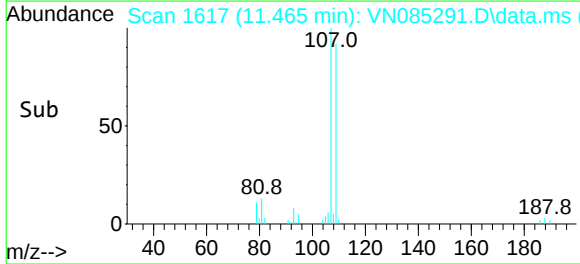
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01



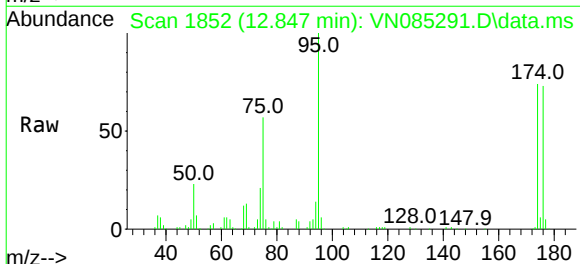
Tgt Ion: 107 Resp: 36391
Ion Ratio Lower Upper
107 100
109 90.9 74.2 111.4

Manual Integrations
APPROVED

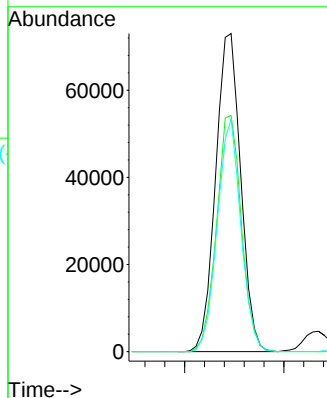
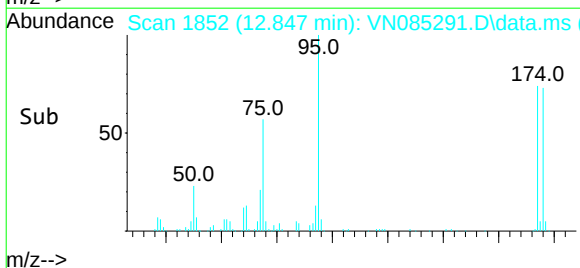
Reviewed By : John Carlone 12/26/2024
Supervised By : Mahesh Dadoda 12/26/2024

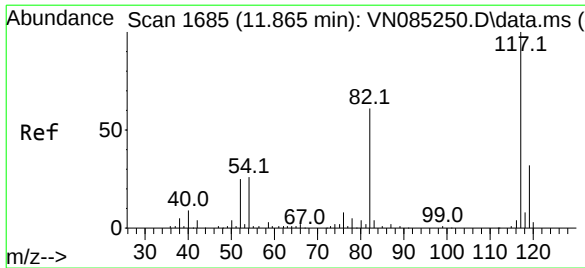


#62
4-Bromofluorobenzene
Concen: 47.067 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03



Tgt Ion: 95 Resp: 128150
Ion Ratio Lower Upper
95 100
174 73.4 0.0 144.4
176 68.9 0.0 136.6





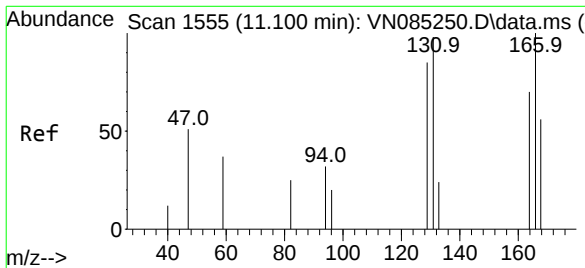
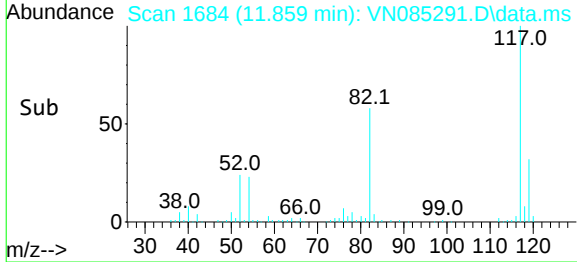
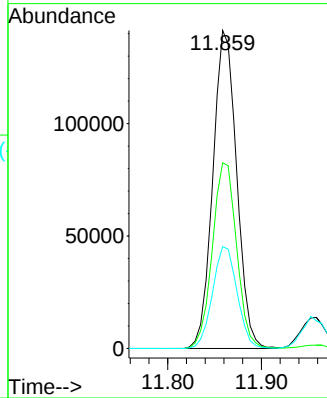
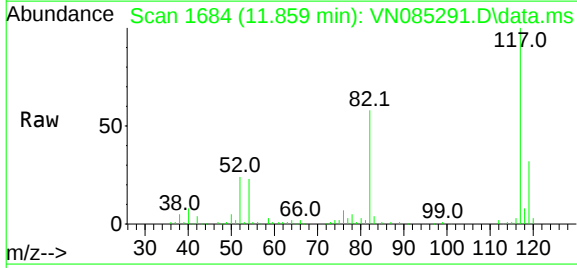
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Tgt Ion:	117	Resp:	250042
Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.4	71.2
119	32.0	25.6	38.4

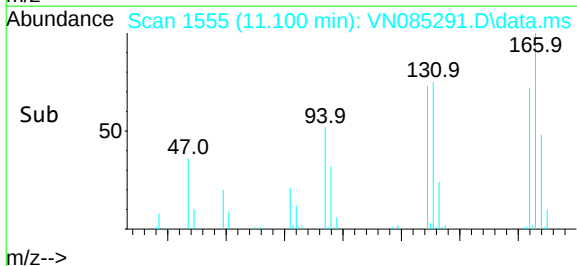
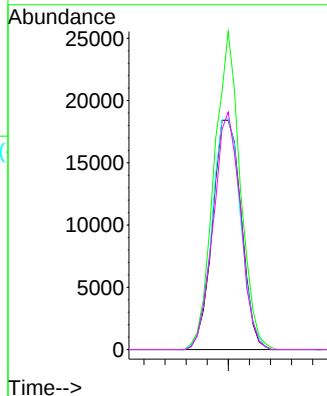
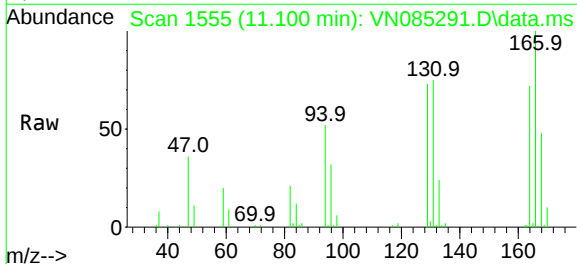
Manual Integrations
APPROVED

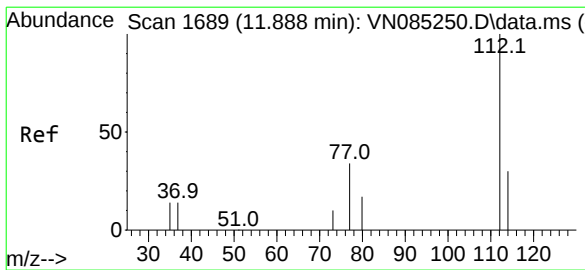
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#64
Tetrachloroethene
Concen: 20.738 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

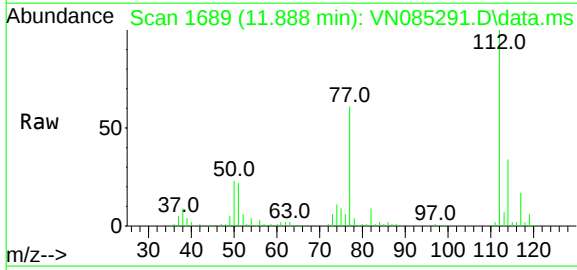
Tgt Ion:	164	Resp:	34893
Ion	Ratio	Lower	Upper
164	100		
166	138.6	101.5	152.3
129	100.7	79.4	119.2
131	103.6	73.9	110.9





#65
Chlorobenzene
Concen: 19.192 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

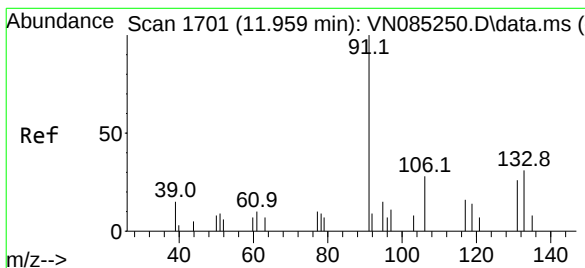
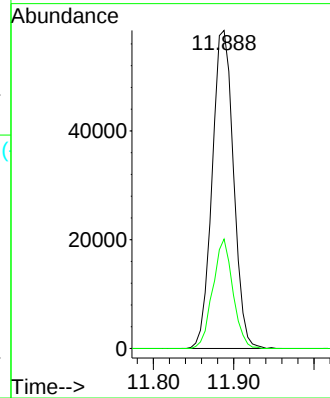
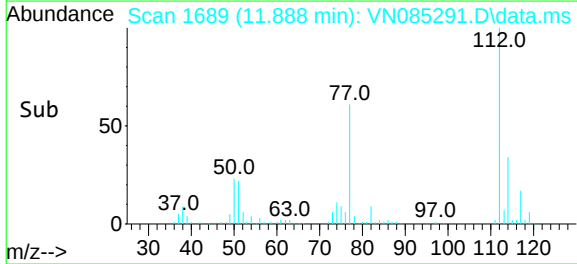
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01



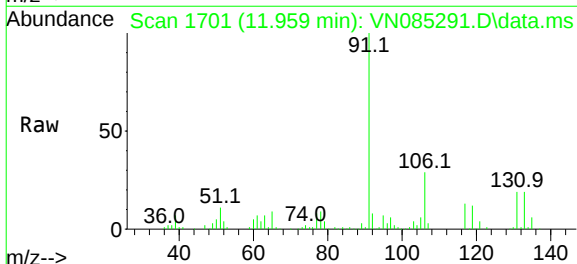
Tgt Ion:112 Resp: 107869
Ion Ratio Lower Upper
112 100
114 34.4 26.2 39.4

Manual Integrations
APPROVED

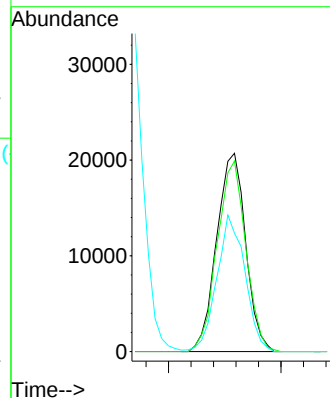
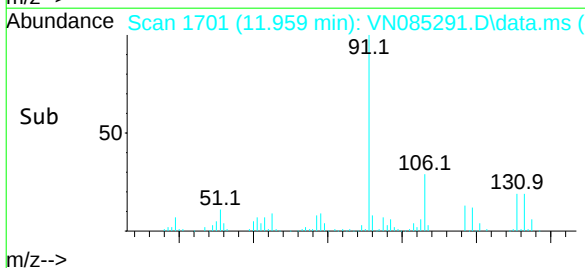
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

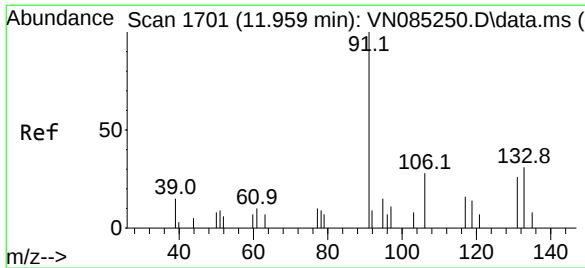


#66
1,1,1,2-Tetrachloroethane
Concen: 18.941 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03



Tgt Ion:131 Resp: 37142
Ion Ratio Lower Upper
131 100
133 94.8 48.6 145.8
119 66.5 32.5 97.5





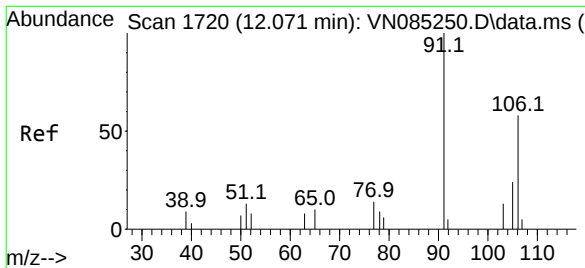
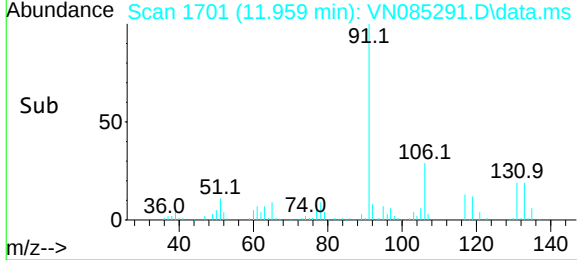
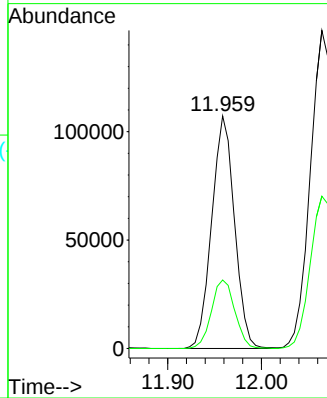
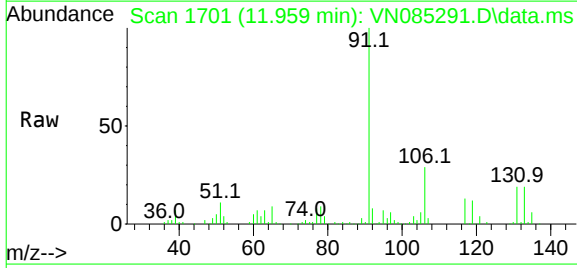
#67
Ethyl Benzene
Concen: 18.789 ug/l
RT: 11.959 min Scan# 1710
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Tgt Ion: 91 Resp: 181006
Ion Ratio Lower Upper
91 100
106 29.5 23.5 35.3

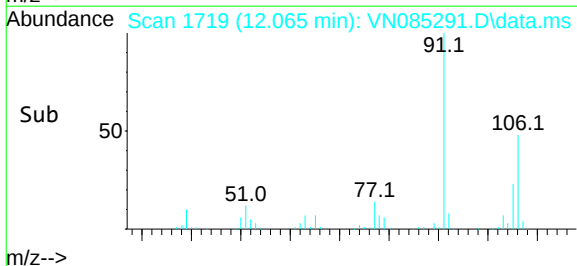
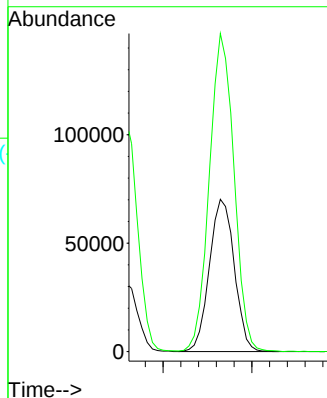
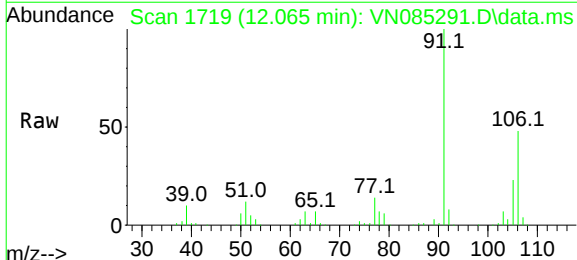
Manual Integrations
APPROVED

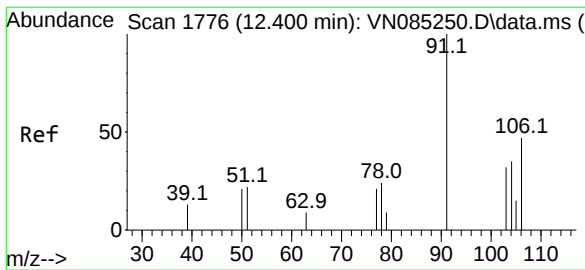
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#68
m/p-Xylenes
Concen: 38.062 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Tgt Ion:106 Resp: 137141
Ion Ratio Lower Upper
106 100
91 206.3 168.3 252.5





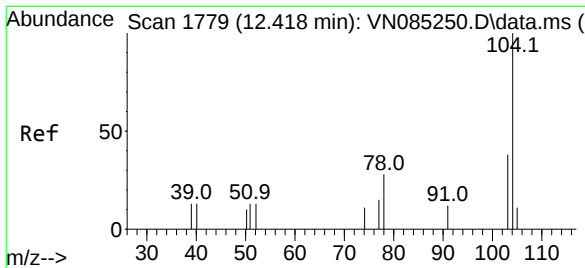
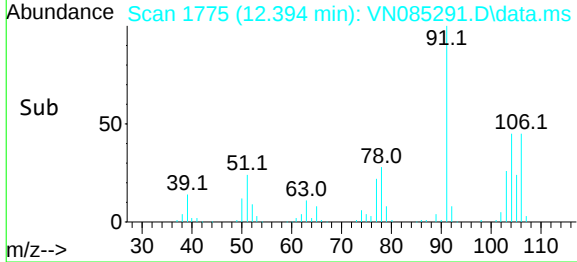
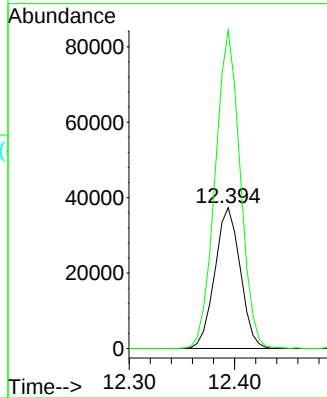
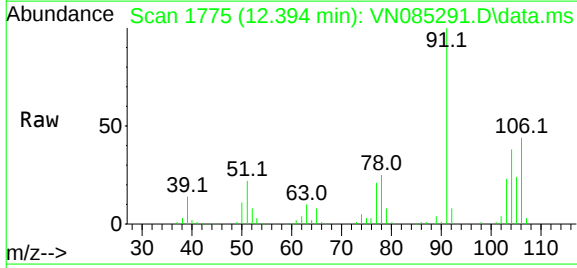
#69
o-Xylene
Concen: 18.454 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Tgt Ion:106 Resp: 62500
Ion Ratio Lower Upper
106 100
91 222.8 112.1 336.2

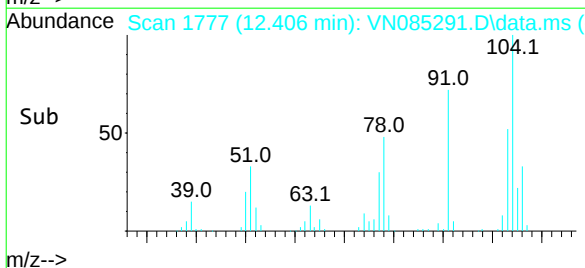
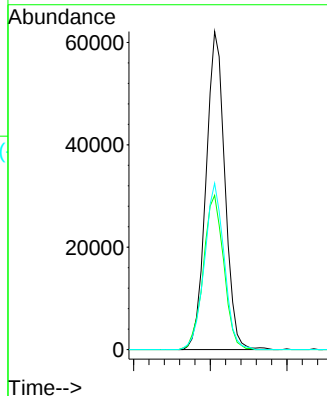
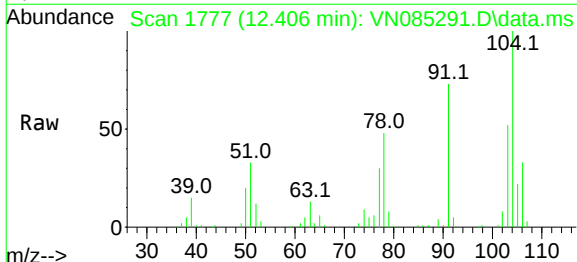
Manual Integrations
APPROVED

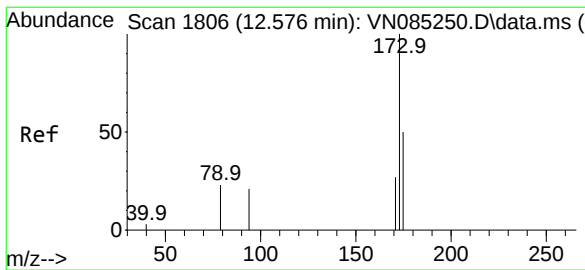
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#70
Styrene
Concen: 18.768 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Tgt Ion:104 Resp: 106115
Ion Ratio Lower Upper
104 100
78 52.2 43.2 64.8
103 54.7 44.6 66.8





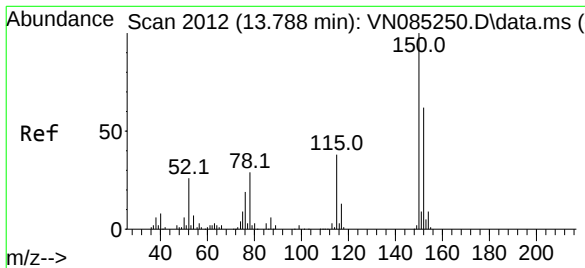
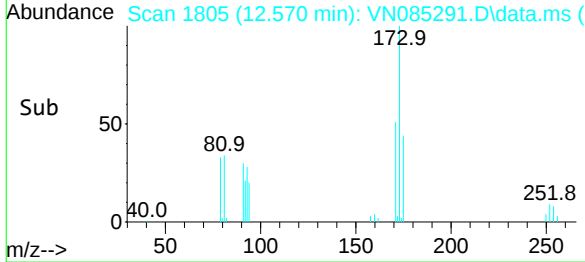
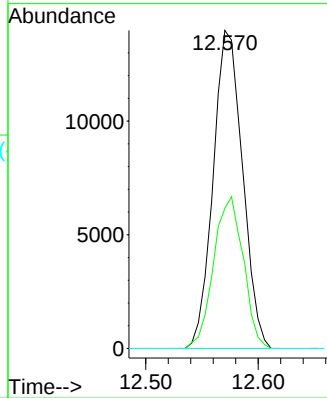
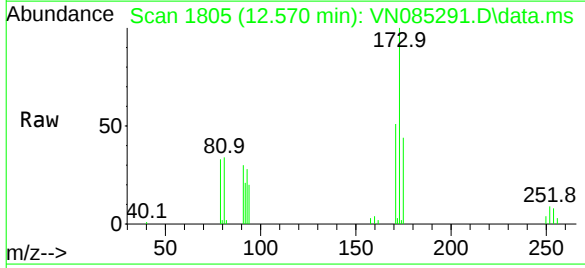
#71
Bromoform
Concen: 16.527 ug/l
RT: 12.570 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Tgt Ion:173 Resp: 25404
Ion Ratio Lower Upper
173 100
175 48.1 24.5 73.5
254 0.0 0.0 0.0

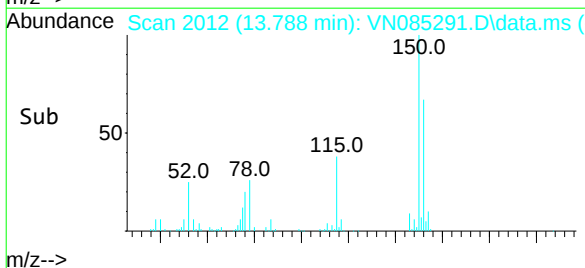
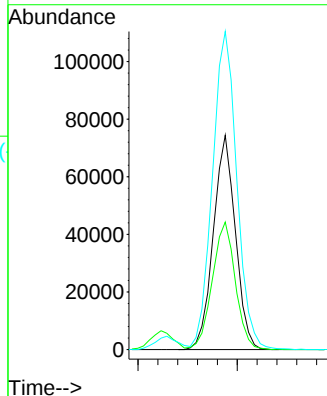
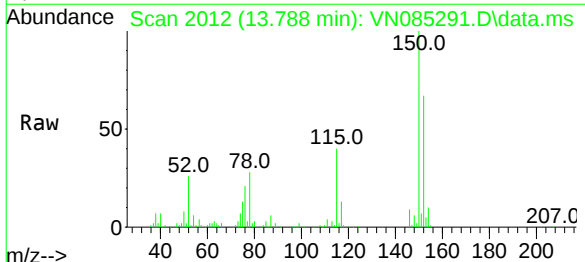
Manual Integrations
APPROVED

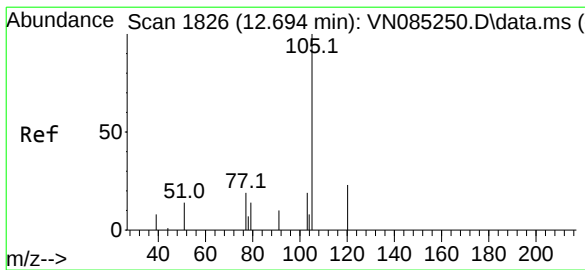
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Tgt Ion:152 Resp: 115159
Ion Ratio Lower Upper
152 100
115 62.2 32.1 96.3
150 163.6 0.0 354.6





#73

Isopropylbenzene

Concen: 19.475 ug/l

RT: 12.688 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN085291.D

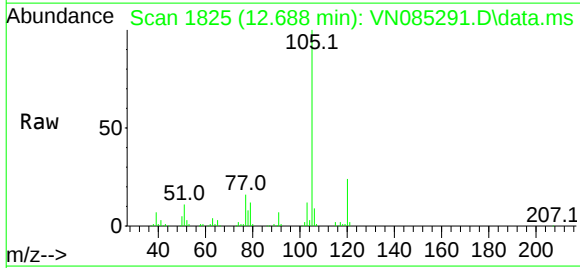
Acq: 23 Dec 2024 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01



Tgt Ion: 105 Resp: 161784

Ion Ratio Lower Upper

105 100

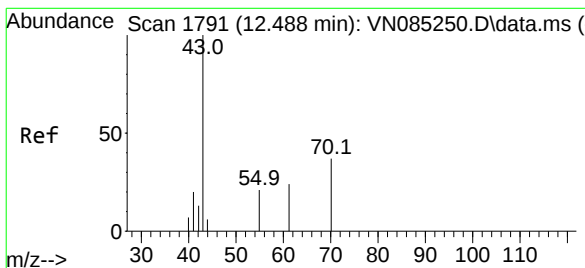
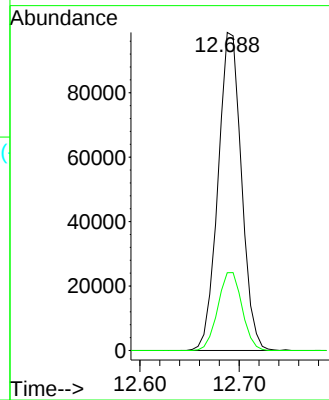
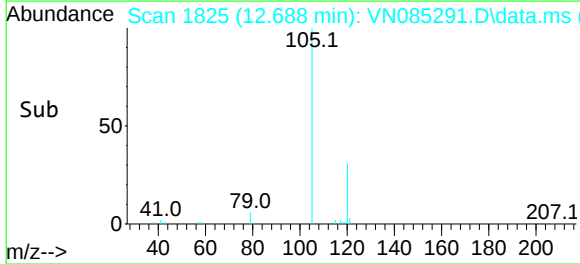
120 25.3 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#74

N-ethyl acetate

Concen: 16.120 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VN085291.D

Acq: 23 Dec 2024 14:03

Tgt Ion: 43 Resp: 66886

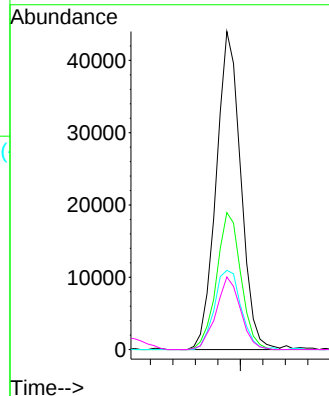
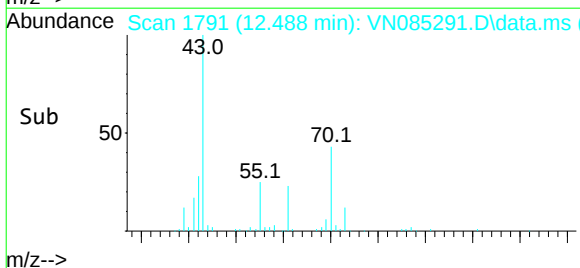
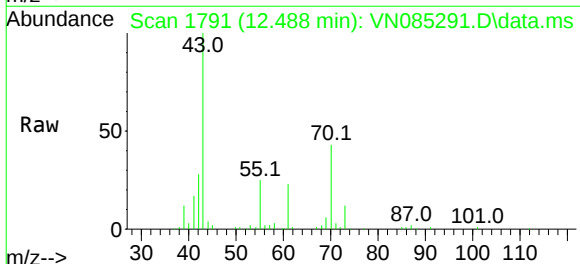
Ion Ratio Lower Upper

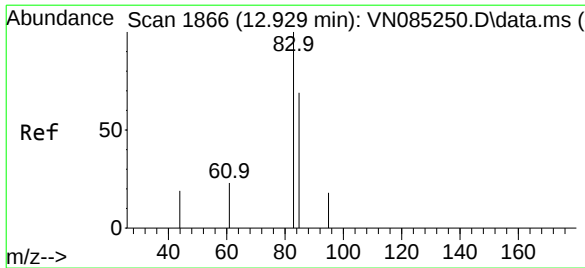
43 100

70 42.6 31.5 47.3

55 27.1 19.0 28.4

61 22.6 18.1 27.1





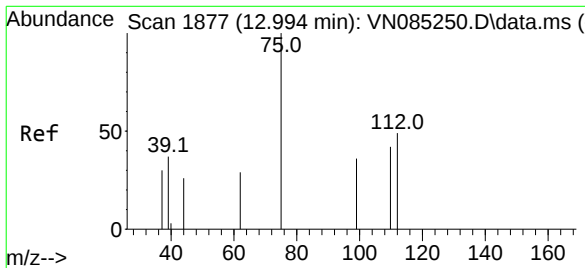
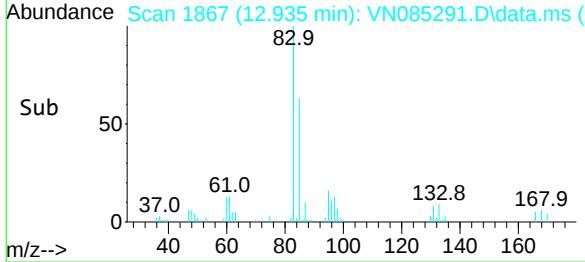
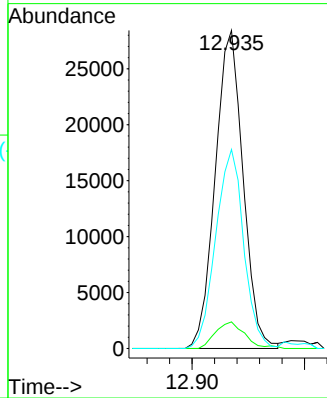
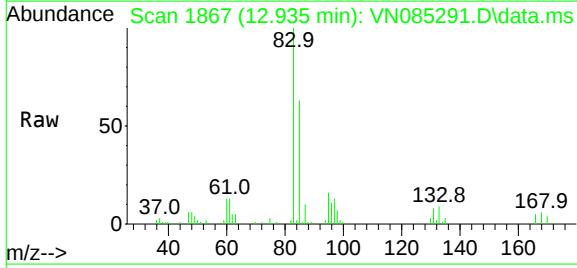
#75
1,1,2,2-Tetrachloroethane
Concen: 16.493 ug/l
RT: 12.935 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Tgt Ion: 83 Resp: 48817
Ion Ratio Lower Upper
83 100
131 8.9 4.7 14.1
85 63.0 32.5 97.4

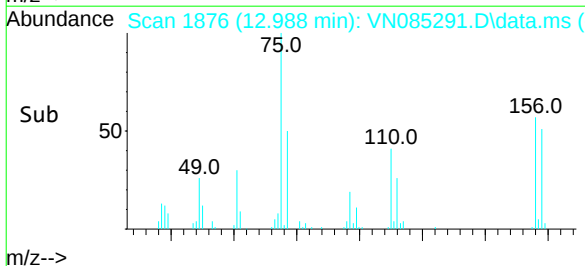
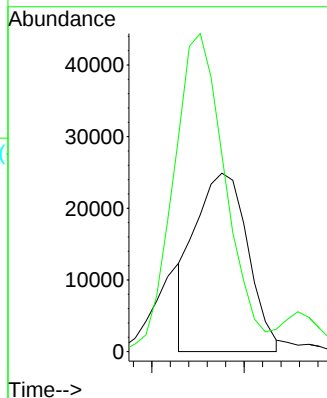
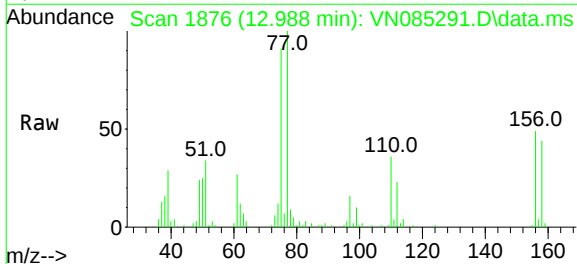
Manual Integrations
APPROVED

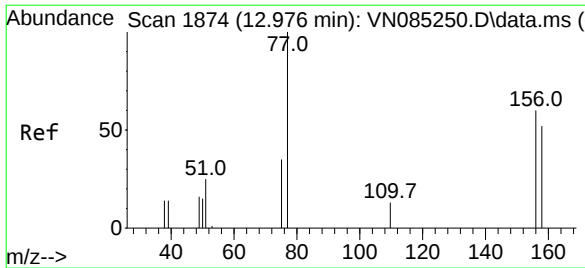
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#76
1,2,3-Trichloropropane
Concen: 18.014 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Tgt Ion: 75 Resp: 49450
Ion Ratio Lower Upper
75 100
77 175.7 102.6 307.7





#77

Bromobenzene

Concen: 18.013 ug/l

RT: 12.976 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085291.D

Acq: 23 Dec 2024 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01

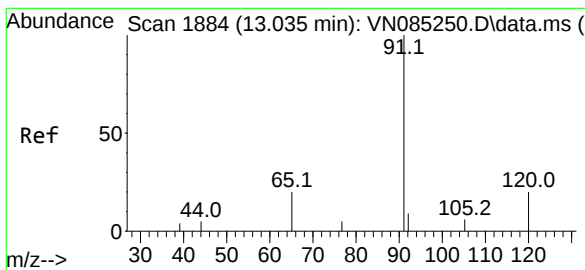
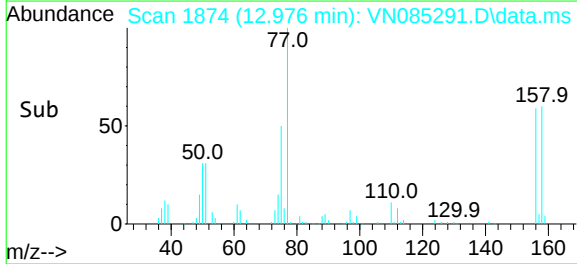
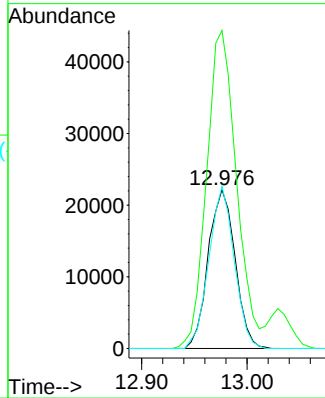
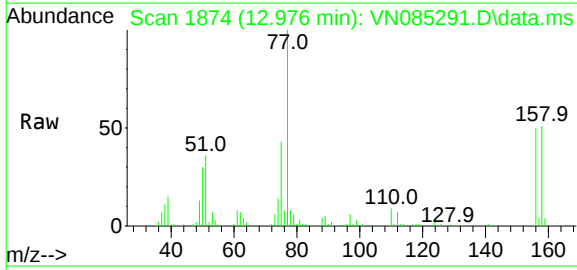
Tgt Ion	Ratio	Lower	Upper
156	100		
77	221.1	115.8	347.3
158	96.4	47.9	143.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#78

n-propylbenzene

Concen: 19.034 ug/l

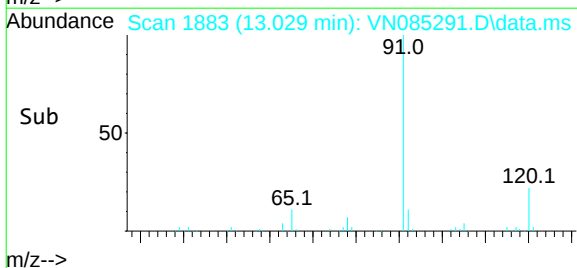
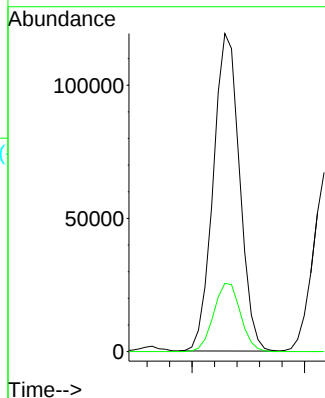
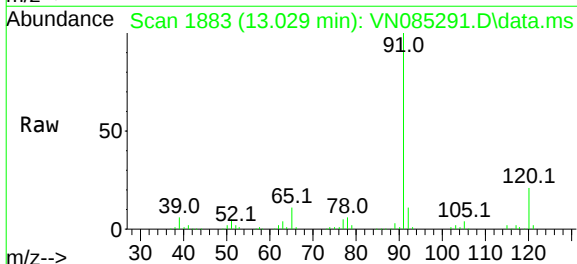
RT: 13.029 min Scan# 1883

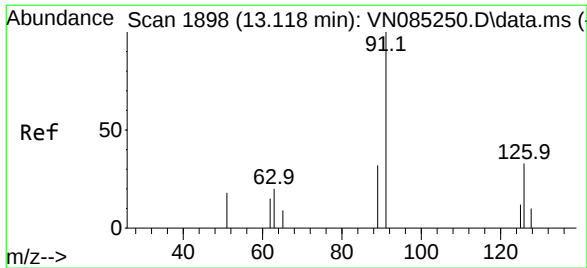
Delta R.T. -0.006 min

Lab File: VN085291.D

Acq: 23 Dec 2024 14:03

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.8	32.3





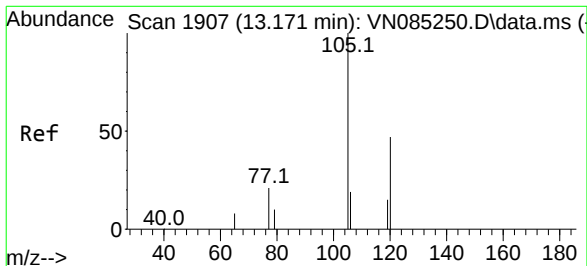
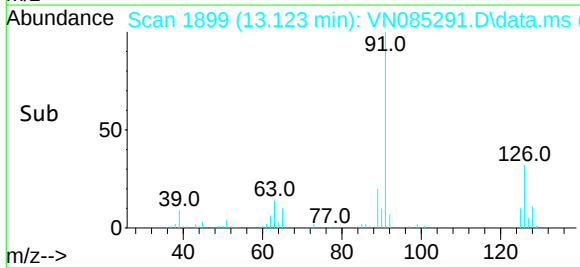
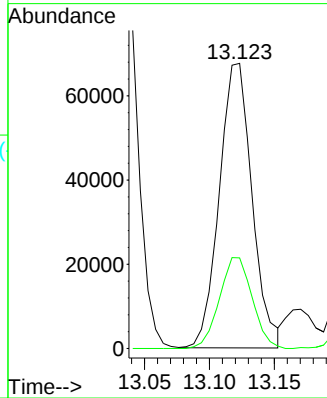
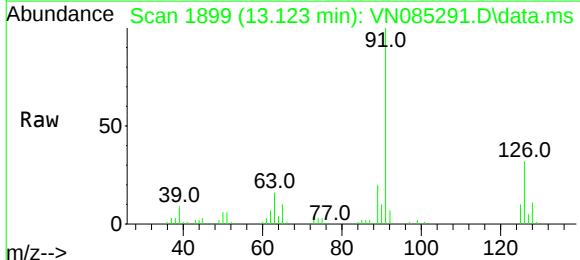
#79
2-Chlorotoluene
Concen: 18.347 ug/l
RT: 13.123 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Tgt Ion: 91 Resp: 118678
Ion Ratio Lower Upper
91 100
126 31.9 15.2 45.5

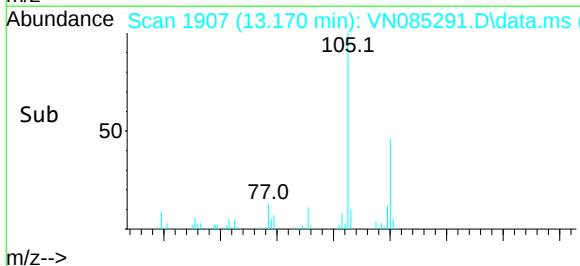
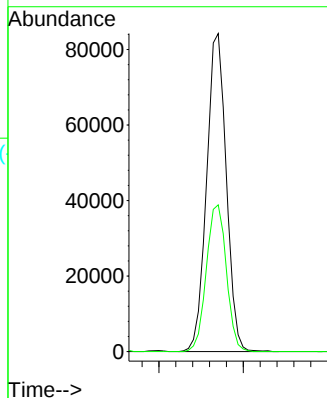
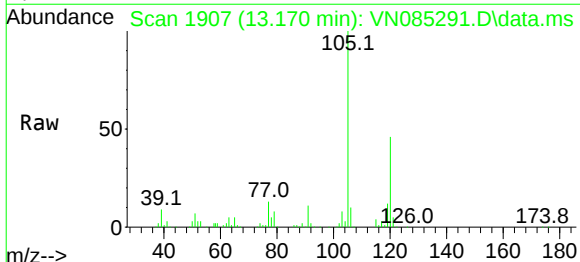
Manual Integrations
APPROVED

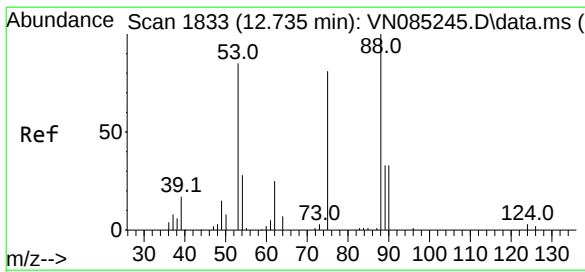
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.703 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Tgt Ion:105 Resp: 136524
Ion Ratio Lower Upper
105 100
120 46.9 23.4 70.2





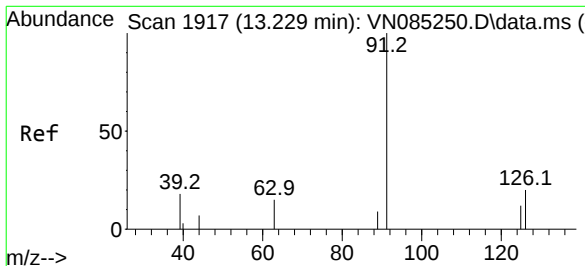
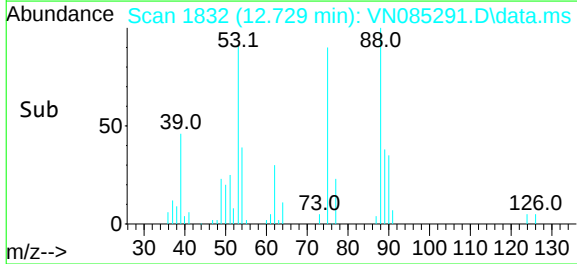
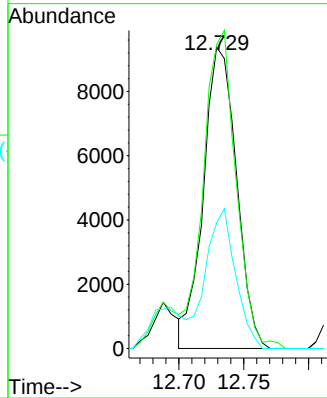
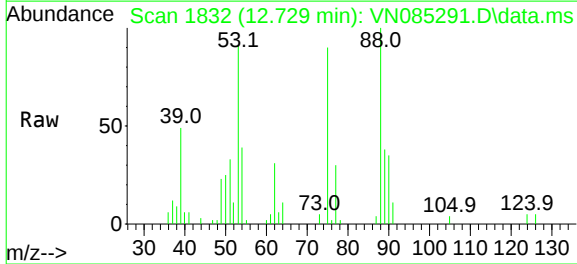
#81
trans-1,4-Dichloro-2-butene
Concen: 16.103 ug/l
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	103.9	84.9	127.3
89	41.8	37.9	56.9

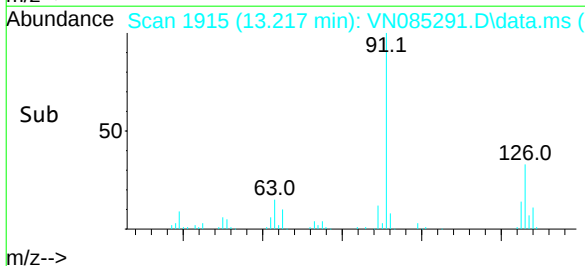
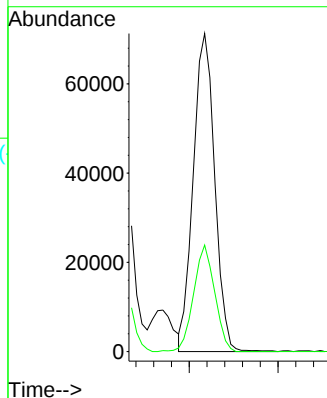
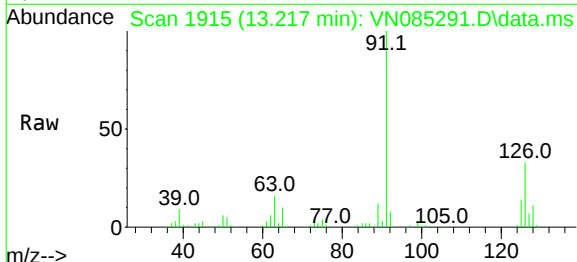
Manual Integrations
APPROVED

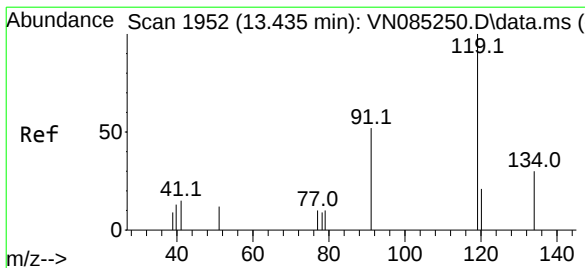
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#82
4-Chlorotoluene
Concen: 18.274 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

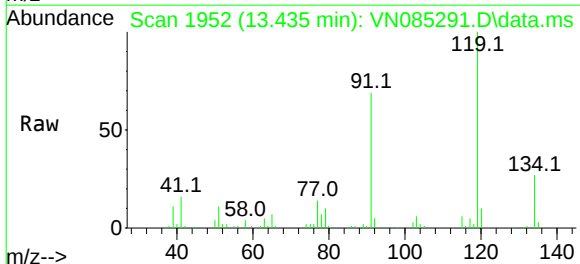
Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	15.6	46.8





#83
tert-Butylbenzene
Concen: 18.634 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

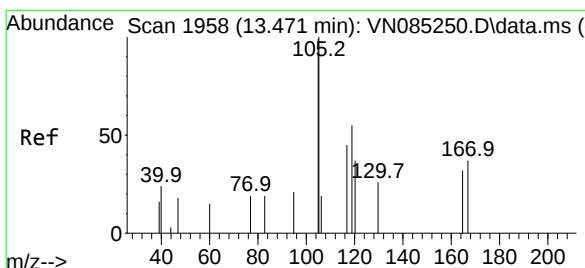
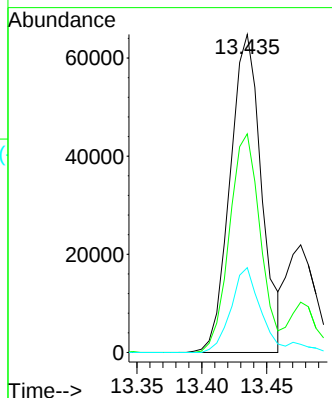
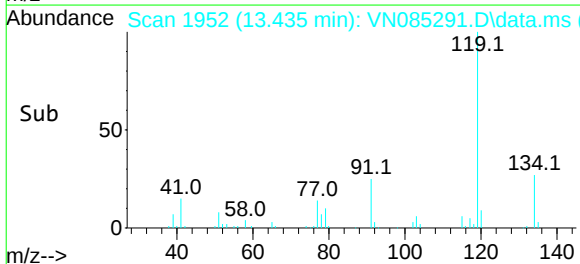
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01



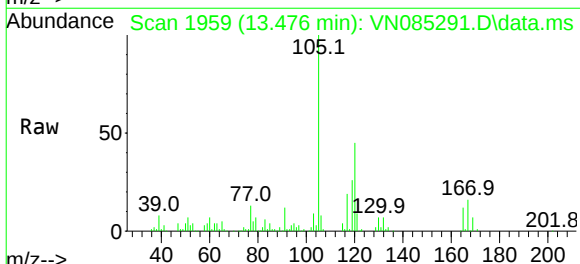
Tgt Ion:119 Resp: 109498
Ion Ratio Lower Upper
119 100
91 67.2 36.3 108.7
134 24.9 12.2 36.6

Manual Integrations
APPROVED

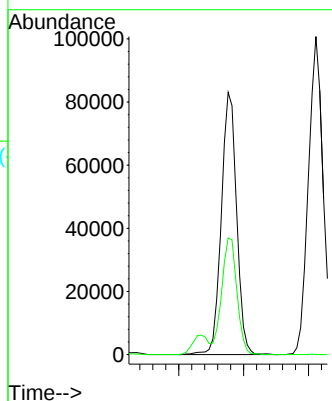
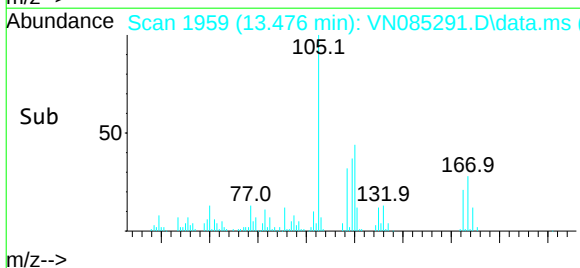
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

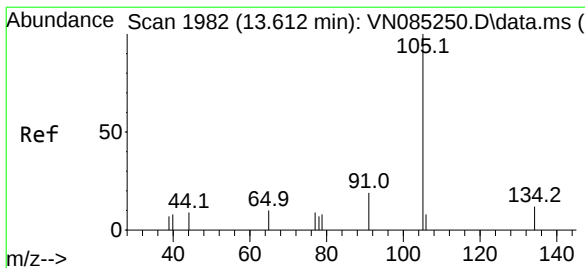


#84
1,2,4-Trimethylbenzene
Concen: 19.187 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03



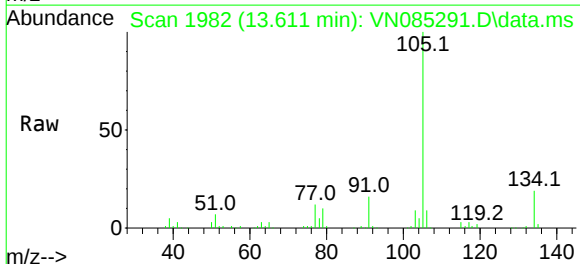
Tgt Ion:105 Resp: 135900
Ion Ratio Lower Upper
105 100
120 44.8 21.8 65.3





#85
sec-Butylbenzene
Concen: 19.215 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

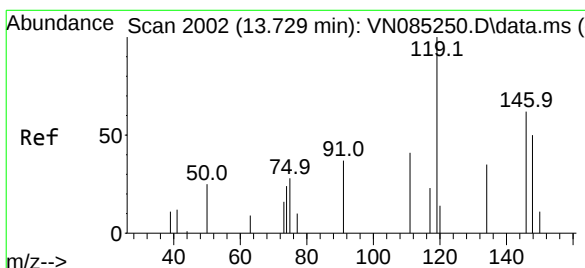
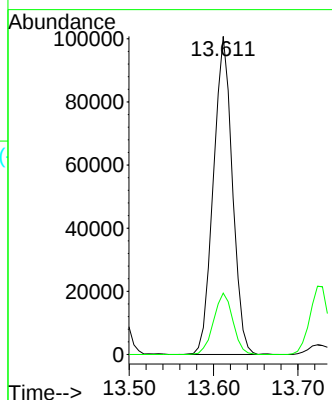
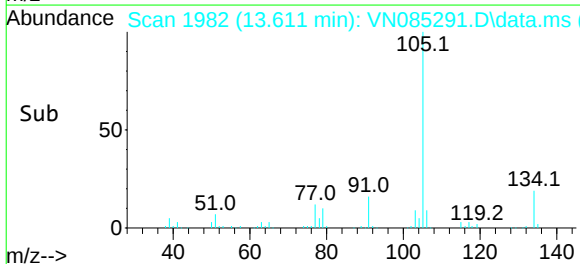
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01



Tgt Ion:105 Resp: 157422
Ion Ratio Lower Upper
105 100
134 19.6 9.4 28.3

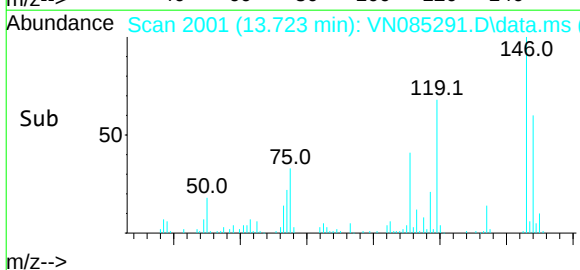
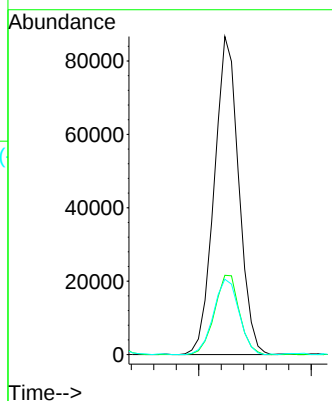
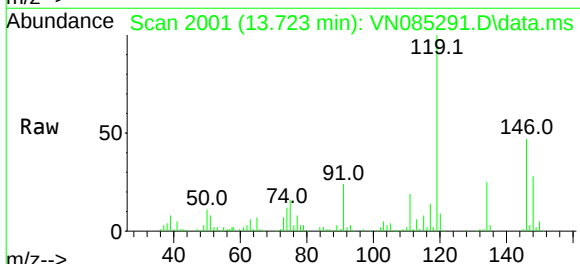
Manual Integrations
APPROVED

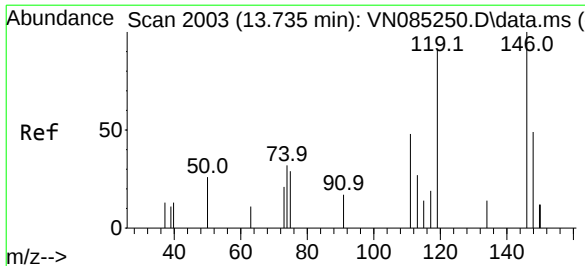
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#86
p-Isopropyltoluene
Concen: 17.864 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Tgt Ion:119 Resp: 131292
Ion Ratio Lower Upper
119 100
134 25.3 12.5 37.5
91 24.8 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 18.053 ug/l

RT: 13.729 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN085291.D

Acq: 23 Dec 2024 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01

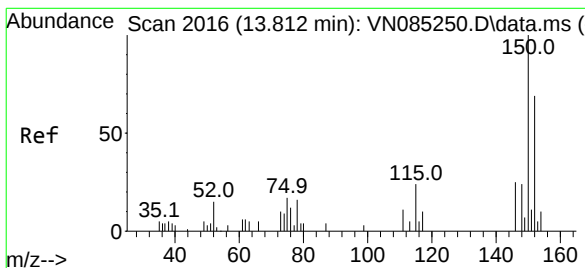
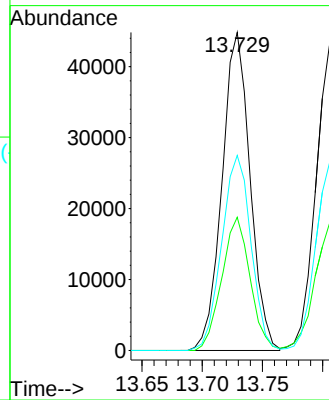
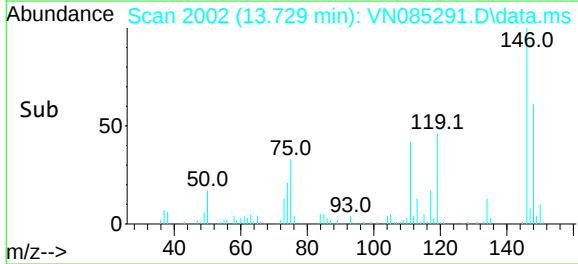
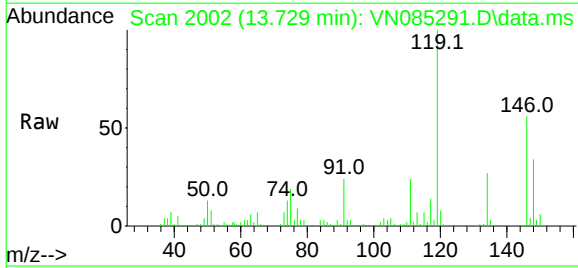
Tgt Ion:	146	Resp:	72514
Ion Ratio	Lower	Upper	
146	100		
111	42.4	21.5	64.5
148	64.0	31.4	94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#88

1,4-Dichlorobenzene

Concen: 17.650 ug/l

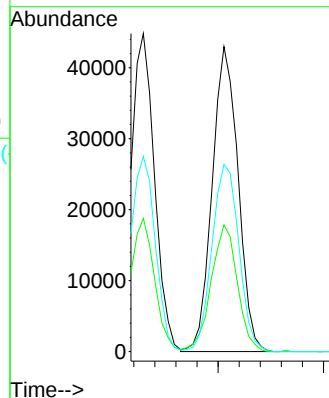
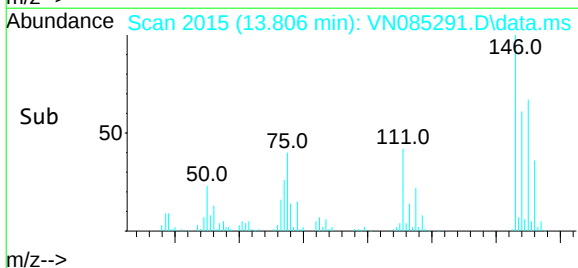
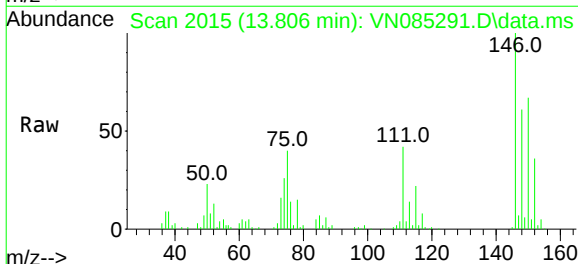
RT: 13.806 min Scan# 2015

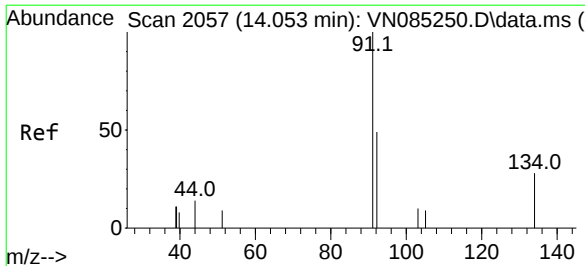
Delta R.T. -0.006 min

Lab File: VN085291.D

Acq: 23 Dec 2024 14:03

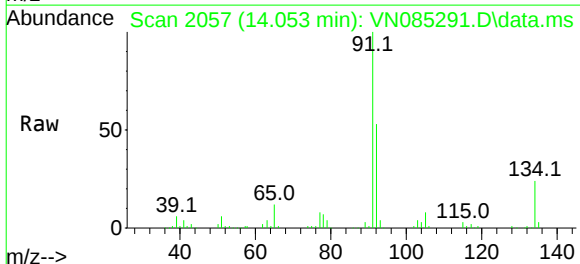
Tgt Ion:	146	Resp:	73357
Ion Ratio	Lower	Upper	
146	100		
111	42.1	20.8	62.5
148	64.1	31.9	95.9





#89
n-Butylbenzene
Concen: 18.658 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

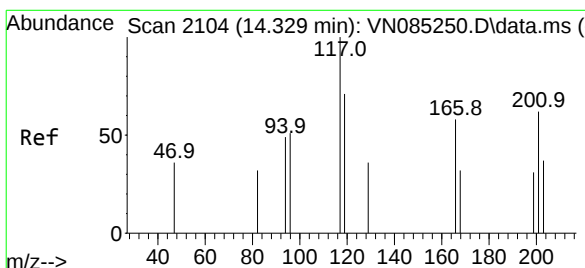
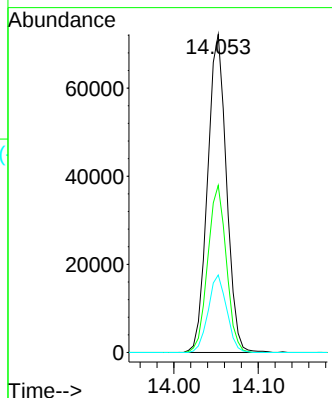
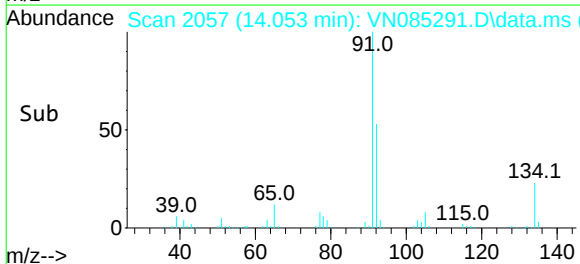
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01



Tgt Ion: 91 Resp: 112408
Ion Ratio Lower Upper
91 100
92 51.5 25.8 77.3
134 23.9 12.0 36.0

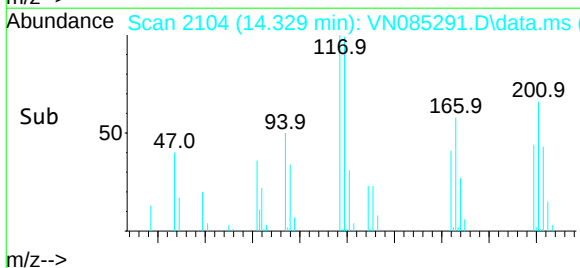
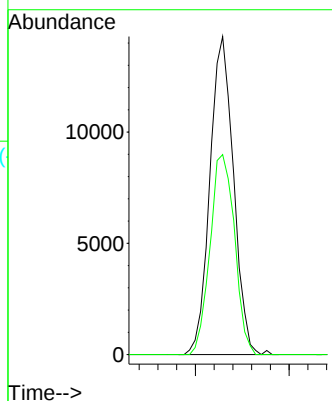
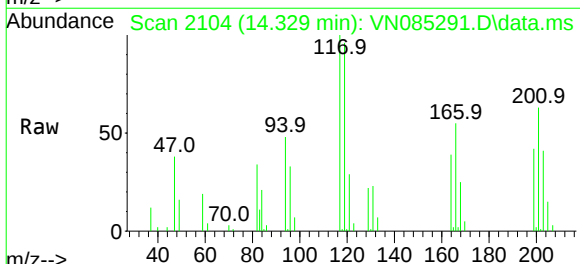
Manual Integrations
APPROVED

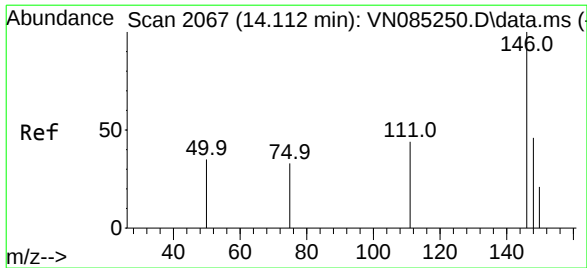
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#90
Hexachloroethane
Concen: 16.618 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

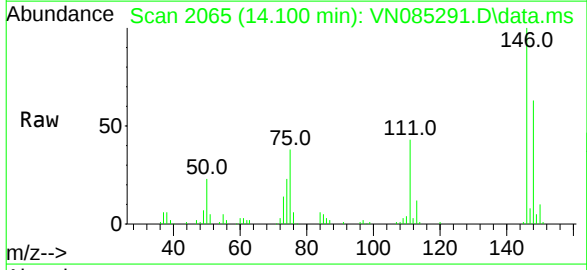
Tgt Ion:117 Resp: 25010
Ion Ratio Lower Upper
117 100
201 65.2 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 18.645 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

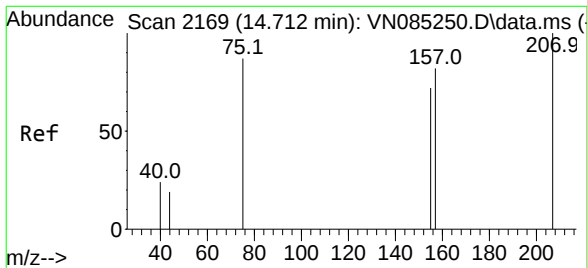
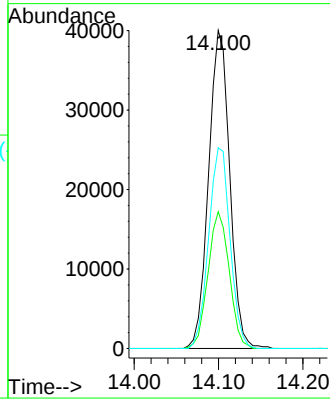
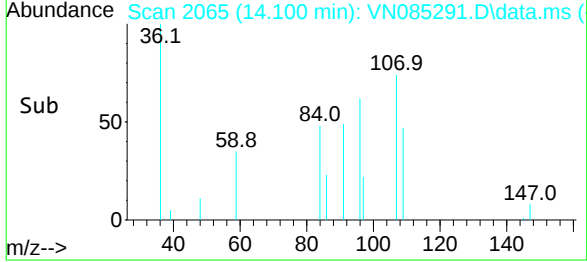
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01



Tgt Ion:146 Resp: 69656
Ion Ratio Lower Upper
146 100
111 43.2 22.1 66.1
148 64.1 31.9 95.9

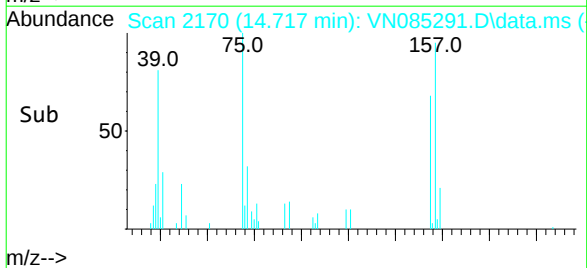
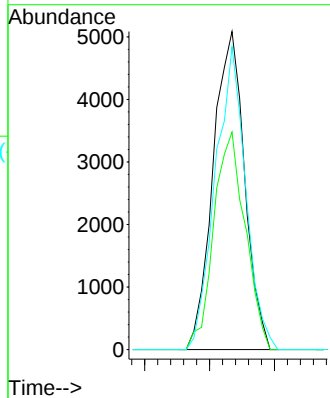
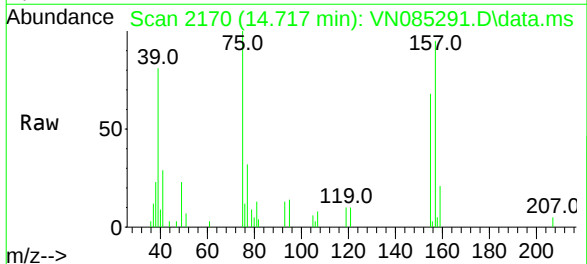
Manual Integrations
APPROVED

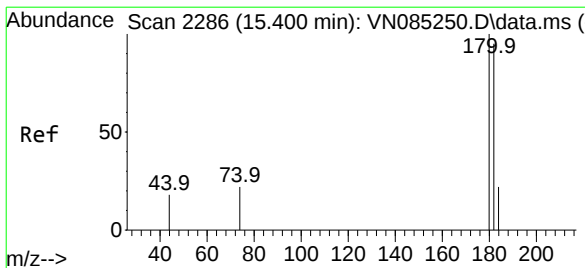
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.109 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085291.D
Acq: 23 Dec 2024 14:03

Tgt Ion: 75 Resp: 8576
Ion Ratio Lower Upper
75 100
155 68.2 35.4 106.2
157 91.6 43.3 129.9





#93

1,2,4-Trichlorobenzene

Concen: 17.794 ug/l

RT: 15.388 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN085291.D

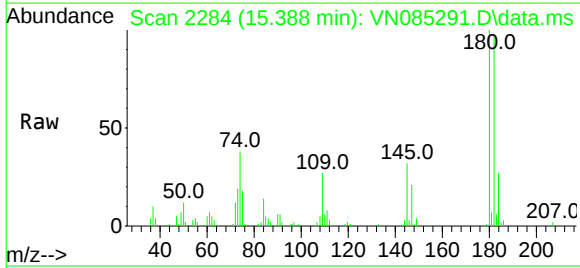
Acq: 23 Dec 2024 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01



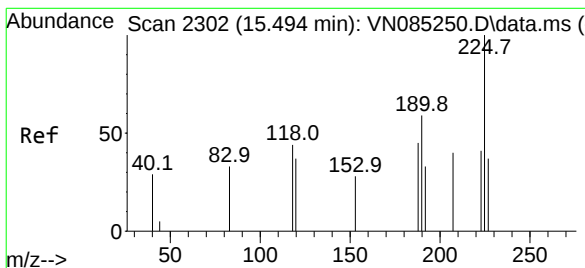
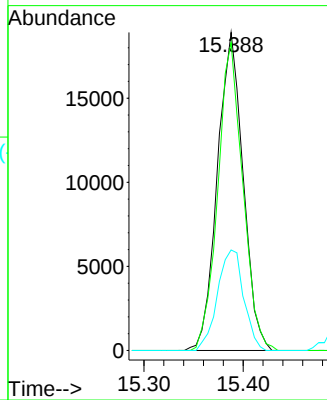
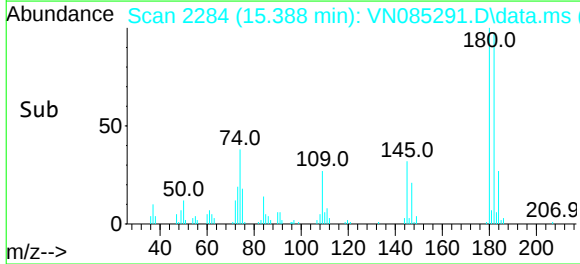
Tgt Ion:	180	Resp:	34029
Ion Ratio	Lower	Upper	
180	100		
182	94.0	46.3	138.8
145	32.3	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#94

Hexachlorobutadiene

Concen: 16.500 ug/l

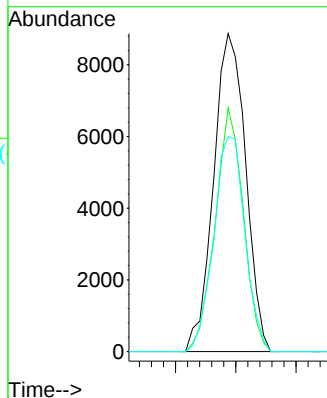
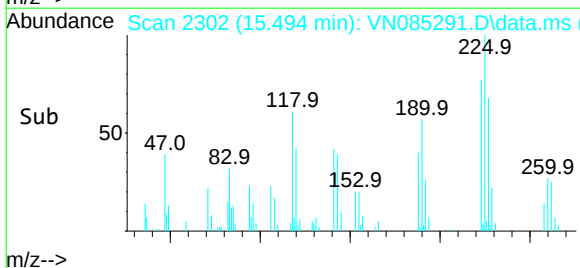
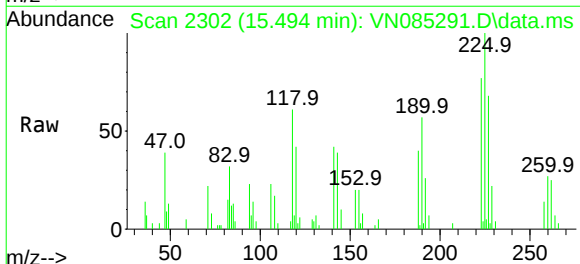
RT: 15.494 min Scan# 2302

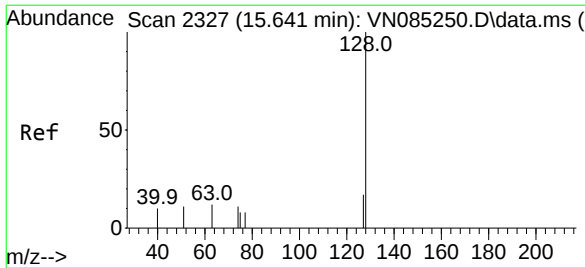
Delta R.T. -0.000 min

Lab File: VN085291.D

Acq: 23 Dec 2024 14:03

Tgt Ion:	225	Resp:	16400
Ion Ratio	Lower	Upper	
225	100		
223	67.4	34.1	102.2
227	65.8	33.2	99.6





#95

Naphthalene

Concen: 14.833 ug/l

RT: 15.635 min Scan# 23

Delta R.T. -0.006 min

Lab File: VN085291.D

Acq: 23 Dec 2024 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01

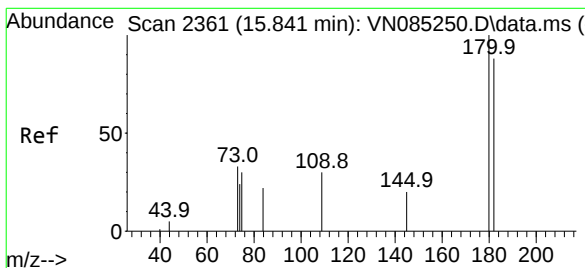
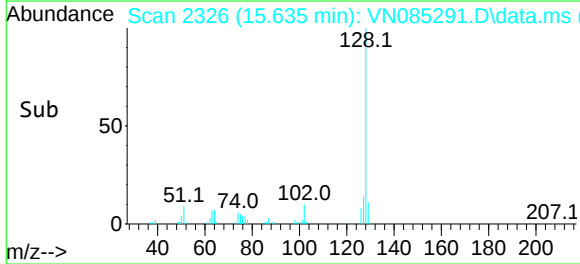
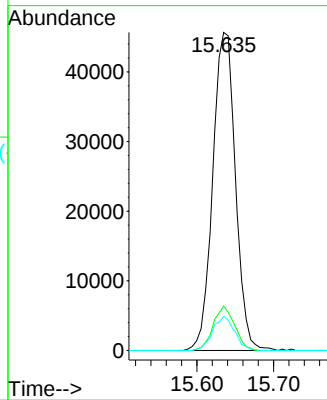
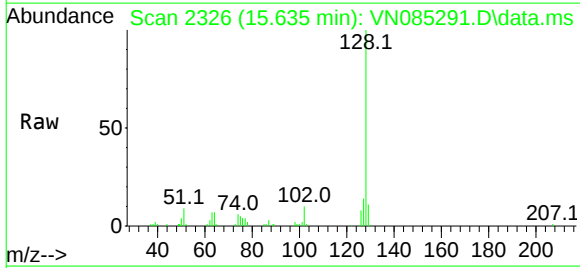
Tgt Ion:	128	Resp:	93942
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	10.5	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.727 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085291.D

Acq: 23 Dec 2024 14:03

Tgt Ion:	180	Resp:	33861
Ion Ratio	Lower	Upper	
180	100		
182	96.3	46.9	140.6
145	34.6	17.6	52.8

