

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
 Data File : VN085313.D
 Acq On : 26 Dec 2024 13:25
 Operator : JC\MD
 Sample : VN1226WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1226WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/27/2024
 Supervised By : Mahesh Dadoda 12/27/2024

Quant Time: Dec 27 00:43:23 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	138143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	244179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	212429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94893	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	109336	45.283	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.560%
35) Dibromofluoromethane	8.165	113	82708	48.178	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.360%
50) Toluene-d8	10.565	98	309328	49.299	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.847	95	103239	46.066	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.140%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.124	85	37894	17.219	ug/l 100
3) Chloromethane	2.359	50	40522	19.318	ug/l 95
4) Vinyl Chloride	2.518	62	43375	22.070	ug/l 97
5) Bromomethane	2.965	94	28531	22.130	ug/l 95
6) Chloroethane	3.124	64	28205	22.926	ug/l 96
7) Trichlorofluoromethane	3.501	101	56937	17.940	ug/l 99
8) Diethyl Ether	3.959	74	19940	20.002	ug/l 97
9) 1,1,2-Trichlorotrifluo...	4.371	101	31229	18.346	ug/l 100
10) Methyl Iodide	4.589	142	38979	20.083	ug/l # 97
11) Tert butyl alcohol	5.512	59	24052	71.712	ug/l 99
12) 1,1-Dichloroethene	4.342	96	30412	19.288	ug/l 82
13) Acrolein	4.177	56	43154	111.726	ug/l 94
14) Allyl chloride	5.018	41	45846	16.790	ug/l 98
15) Acrylonitrile	5.712	53	75591	82.746	ug/l 99
16) Acetone	4.424	43	62025	74.420	ug/l 92
17) Carbon Disulfide	4.712	76	87938	16.343	ug/l 99
18) Methyl Acetate	5.012	43	39632	16.797	ug/l 98
19) Methyl tert-butyl Ether	5.789	73	103406	19.134	ug/l 98
20) Methylene Chloride	5.271	84	34122	18.716	ug/l 94
21) trans-1,2-Dichloroethene	5.783	96	30882	17.765	ug/l 93
22) Diisopropyl ether	6.665	45	109447	18.788	ug/l 96
23) Vinyl Acetate	6.600	43	399612	88.779	ug/l 100
24) 1,1-Dichloroethane	6.565	63	62346	18.476	ug/l 99
25) 2-Butanone	7.477	43	97810	76.633	ug/l 95
26) 2,2-Dichloropropane	7.483	77	55627	17.803	ug/l 99
27) cis-1,2-Dichloroethene	7.483	96	38161	18.854	ug/l 98
28) Bromochloromethane	7.812	49	37462	22.014	ug/l 96
29) Tetrahydrofuran	7.836	42	66215	80.480	ug/l 96
30) Chloroform	7.959	83	64717	17.959	ug/l 93
31) Cyclohexane	8.253	56	56216	17.996	ug/l 95
32) 1,1,1-Trichloroethane	8.165	97	56441	17.573	ug/l 94
36) 1,1-Dichloropropene	8.365	75	45125	18.878	ug/l 99
37) Ethyl Acetate	7.553	43	41258	14.961	ug/l 98
38) Carbon Tetrachloride	8.359	117	48750	16.867	ug/l 93
39) Methylcyclohexane	9.600	83	47635	19.150	ug/l 93
40) Benzene	8.606	78	138149	18.577	ug/l 98

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 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	7.777	41	23001	16.366	ug/l	98
42) 1,2-Dichloroethane	8.665	62	49867	17.605	ug/l	99
43) Isopropyl Acetate	8.683	43	77174	15.302	ug/l	98
44) Trichloroethene	9.347	130	31415	18.975	ug/l	99
45) 1,2-Dichloropropane	9.618	63	34602	18.792	ug/l	99
46) Dibromomethane	9.700	93	23756	18.073	ug/l	99
47) Bromodichloromethane	9.882	83	50886	18.069	ug/l	99
48) Methyl methacrylate	9.677	41	33455	16.183	ug/l	94
49) 1,4-Dioxane	9.688	88	9984	306.303	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	214603	80.986	ug/l	98
52) Toluene	10.629	92	84564	18.912	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	51013	18.584	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	55346	18.964	ug/l	90
55) 1,1,2-Trichloroethane	11.012	97	31392	18.749	ug/l	96
56) Ethyl methacrylate	10.871	69	48219	16.706	ug/l	97
57) 1,3-Dichloropropane	11.159	76	56081	19.031	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	125190	93.276	ug/l	98
59) 2-Hexanone	11.194	43	150374	79.609	ug/l	97
60) Dibromochloromethane	11.353	129	36459	18.373	ug/l	99
61) 1,2-Dibromoethane	11.465	107	31435	18.228	ug/l	100
64) Tetrachloroethene	11.100	164	28285	19.787	ug/l	92
65) Chlorobenzene	11.888	112	90586	18.970	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	31462	18.885	ug/l	100
67) Ethyl Benzene	11.959	91	157342	19.224	ug/l	98
68) m/p-Xylenes	12.071	106	120313	39.304	ug/l	96
69) o-Xylene	12.394	106	56468	19.625	ug/l	97
70) Styrene	12.406	104	92235	19.202	ug/l	98
71) Bromoform	12.576	173	21864	16.743	ug/l #	99
73) Isopropylbenzene	12.694	105	142016	20.746	ug/l	100
74) N-amyl acetate	12.488	43	60967	17.832	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	42030	17.233	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	33878m	14.977	ug/l	
77) Bromobenzene	12.976	156	33090	18.411	ug/l	99
78) n-propylbenzene	13.029	91	168905	20.119	ug/l	99
79) 2-Chlorotoluene	13.123	91	104171	19.543	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	117403	20.562	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	14509	17.032	ug/l	98
82) 4-Chlorotoluene	13.218	91	103852	19.254	ug/l	98
83) tert-Butylbenzene	13.435	119	99429	20.534	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	119654	20.502	ug/l	100
85) sec-Butylbenzene	13.612	105	140841	20.863	ug/l	99
86) p-Isopropyltoluene	13.723	119	116395	19.072	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	62350	18.838	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	62317	18.196	ug/l	98
89) n-Butylbenzene	14.053	91	99329	20.008	ug/l	99
90) Hexachloroethane	14.329	117	22474	18.122	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	58977	19.158	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	7718	16.501	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	28978	18.389	ug/l	98
94) Hexachlorobutadiene	15.500	225	13225	16.147	ug/l	97
95) Naphthalene	15.635	128	90717	17.383	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	28618	18.182	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VN1226WBSD01

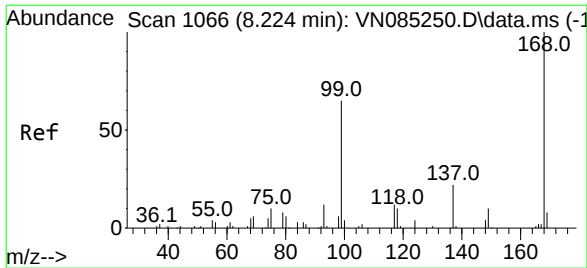
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/27/2024

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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

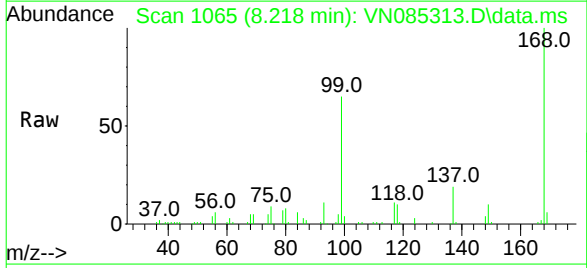
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

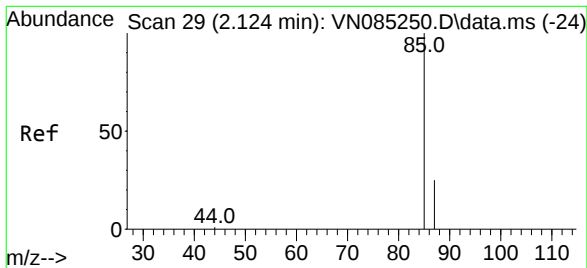
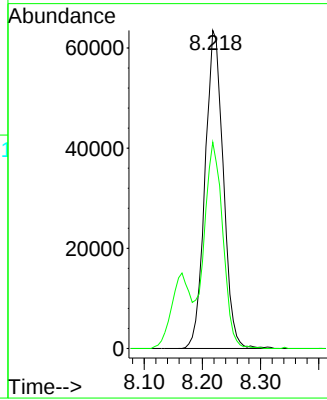
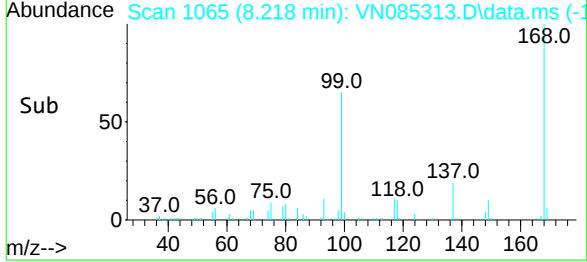
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01



Tgt Ion: 168 Resp: 138143
Ion Ratio Lower Upper
168 100
99 64.9 50.7 76.1

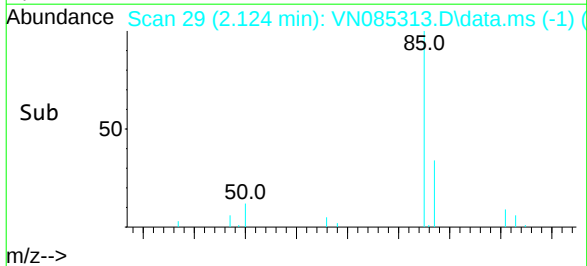
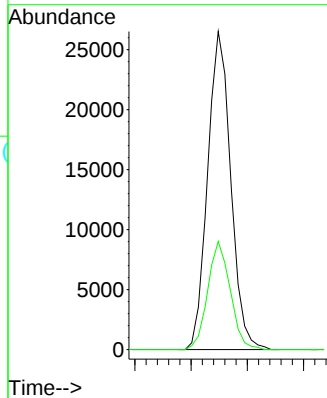
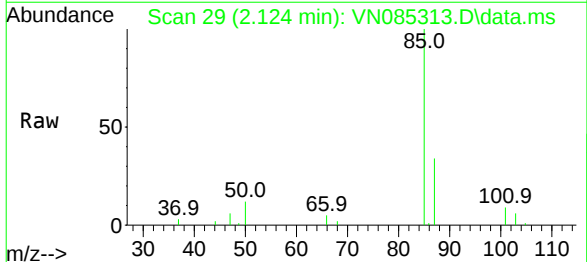
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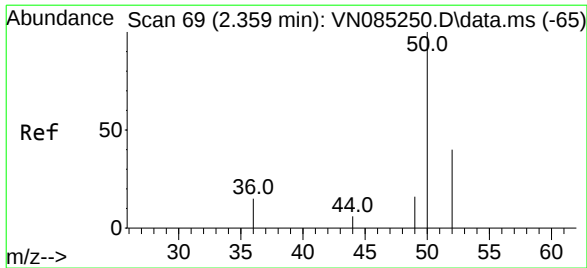
Reviewed By : John Carlone 12/27/2024
Supervised By : Mahesh Dadoda 12/27/2024



#2
Dichlorodifluoromethane
Concen: 17.219 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

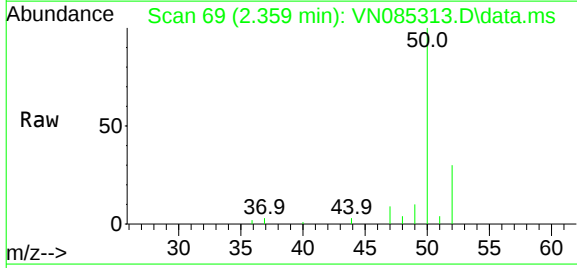
Tgt Ion: 85 Resp: 37894
Ion Ratio Lower Upper
85 100
87 34.0 17.1 51.3





#3
Chloromethane
Concen: 19.318 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

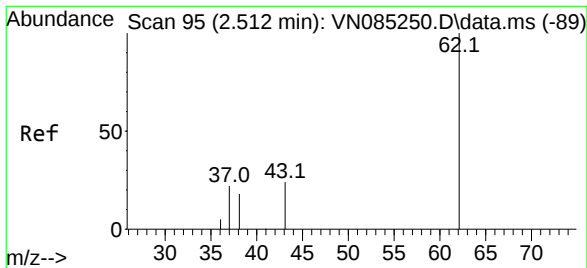
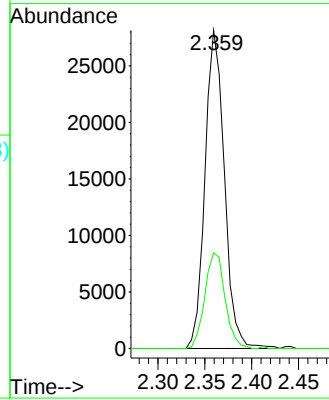
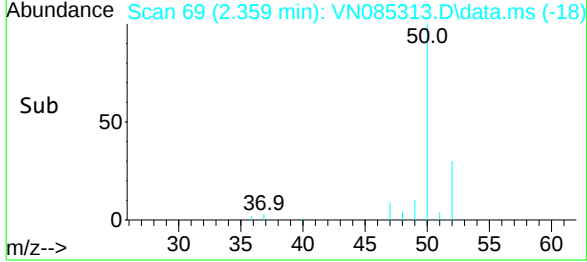
Instrument :
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Tgt Ion: 50 Resp: 40522
Ion Ratio Lower Upper
50 100
52 30.0 26.2 39.2

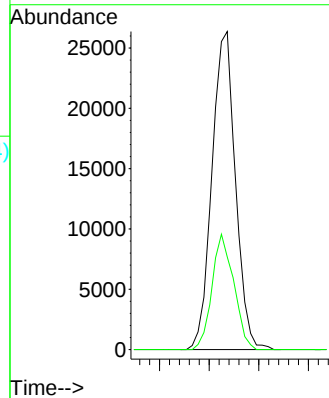
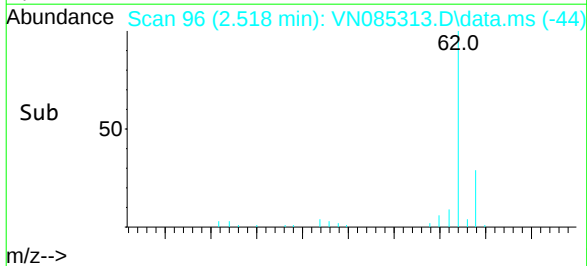
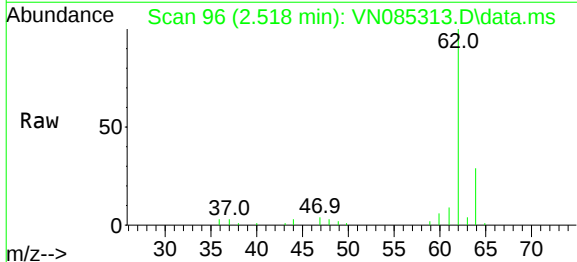
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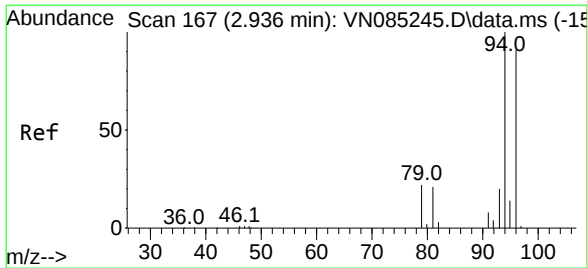
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#4
Vinyl Chloride
Concen: 22.070 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

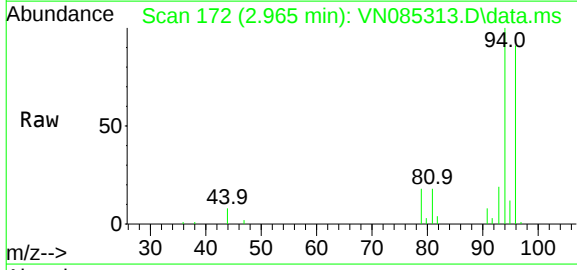
Tgt Ion: 62 Resp: 43375
Ion Ratio Lower Upper
62 100
64 29.1 24.5 36.7





#5
Bromomethane
Concen: 22.130 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.018 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

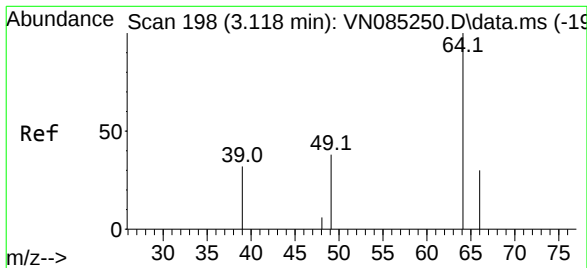
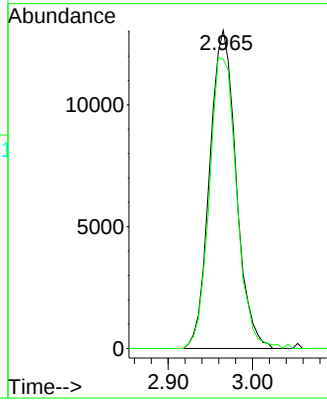
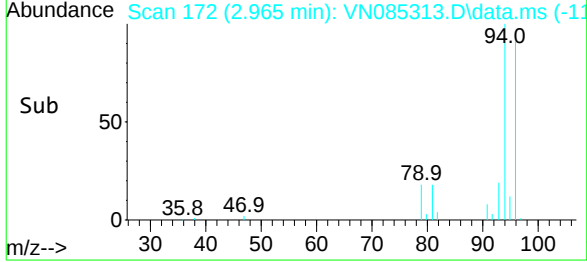
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Tgt Ion: 94 Resp: 28531
Ion Ratio Lower Upper
94 100
96 91.0 76.8 115.2

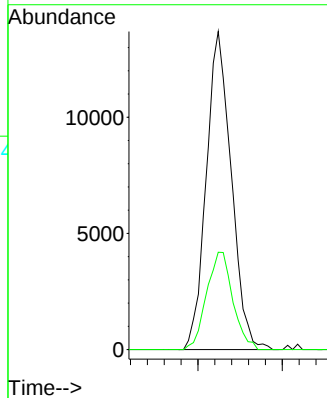
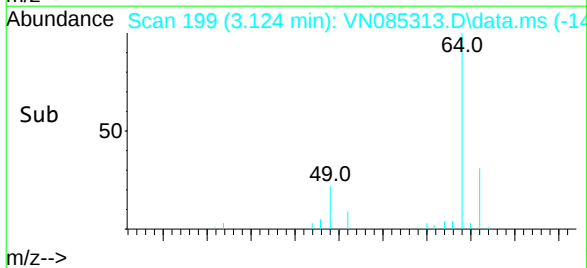
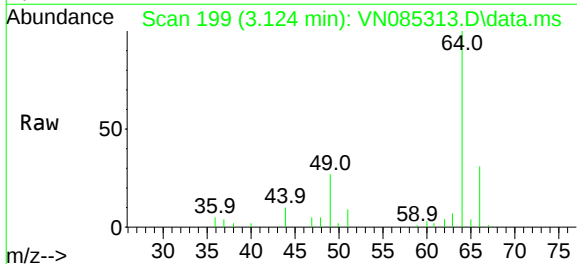
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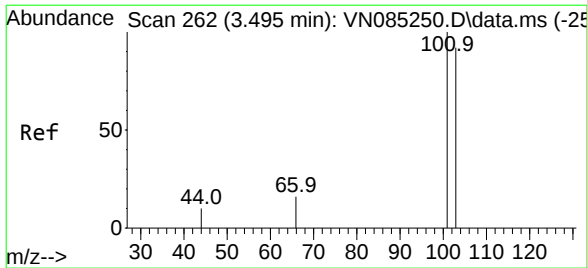
Reviewed By :John Carlone 12/27/2024
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#6
Chloroethane
Concen: 22.926 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

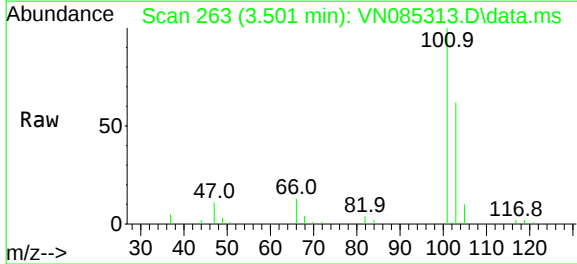
Tgt Ion: 64 Resp: 28205
Ion Ratio Lower Upper
64 100
66 30.6 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 17.940 ug/l
 RT: 3.501 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN085313.D
 Acq: 26 Dec 2024 13:25

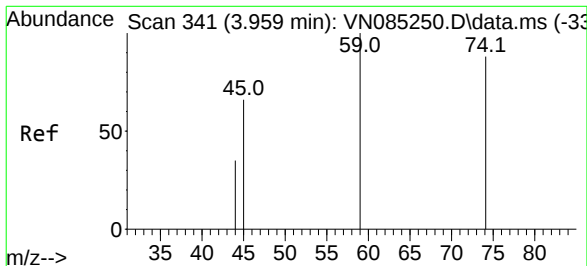
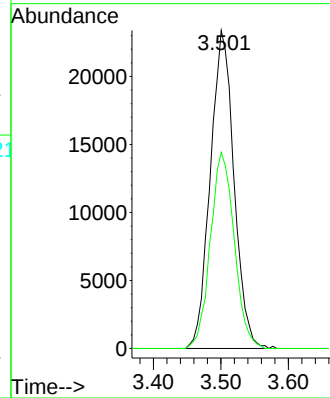
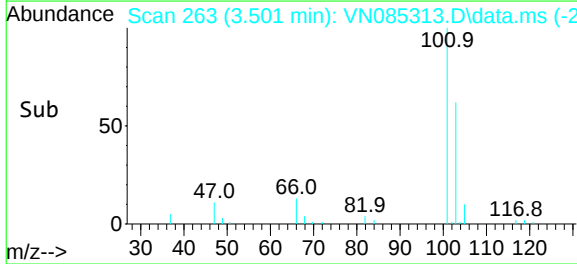
Instrument :
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Tgt Ion: 101 Resp: 56937
 Ion Ratio Lower Upper
 101 100
 103 61.6 50.2 75.4

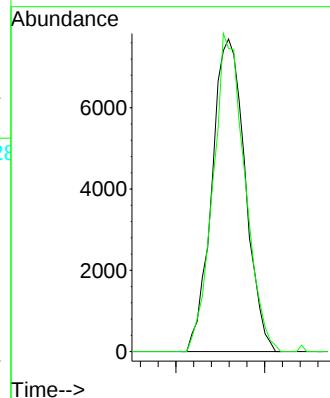
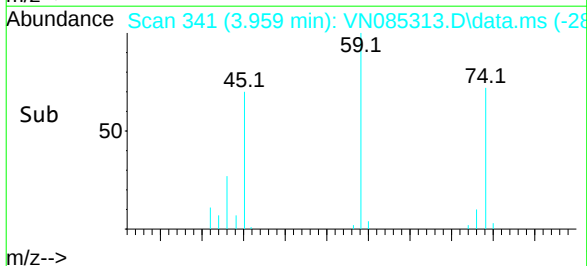
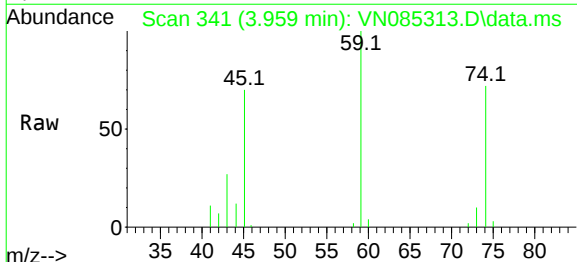
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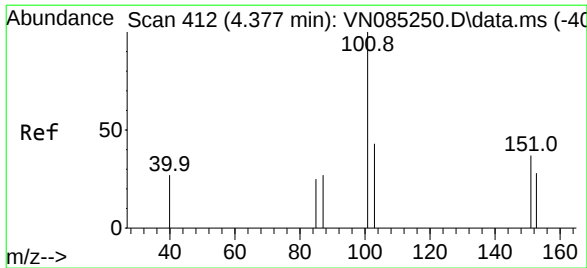
Reviewed By : John Carlone 12/27/2024
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#8
 Diethyl Ether
 Concen: 20.002 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085313.D
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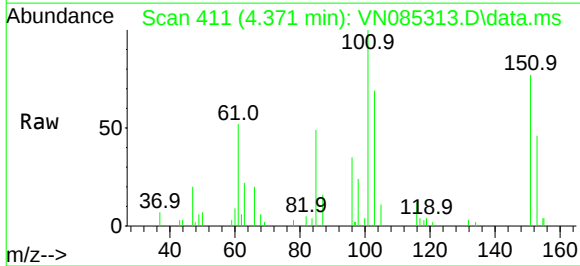
Tgt Ion: 74 Resp: 19940
 Ion Ratio Lower Upper
 74 100
 45 97.4 50.0 150.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.346 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

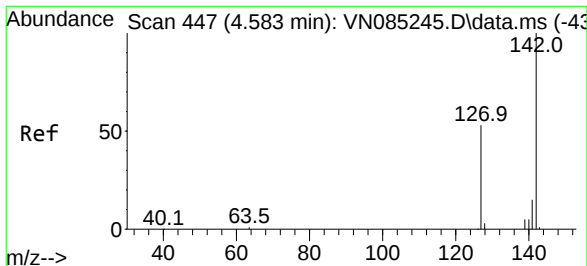
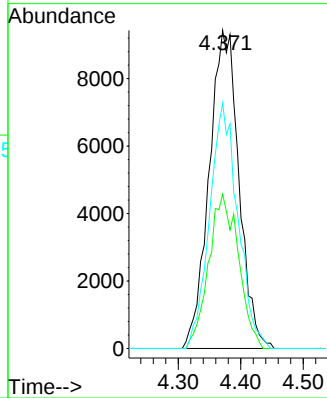
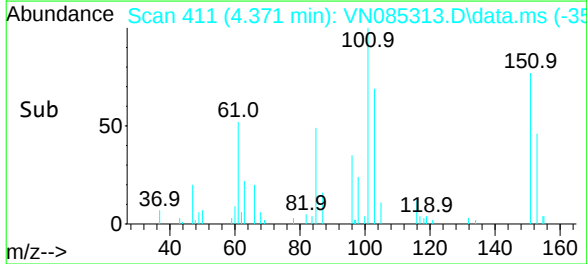
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01



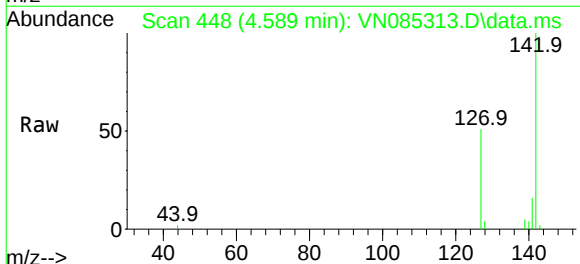
Tgt Ion:101 Resp: 31229
Ion Ratio Lower Upper
101 100
85 48.4 39.0 58.4
151 73.4 58.6 87.8

Manual Integrations
APPROVED

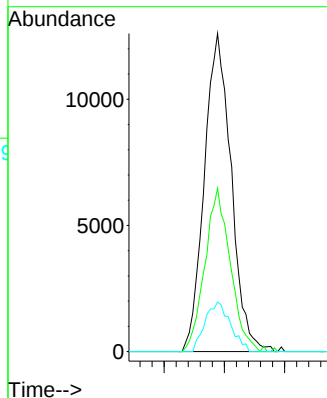
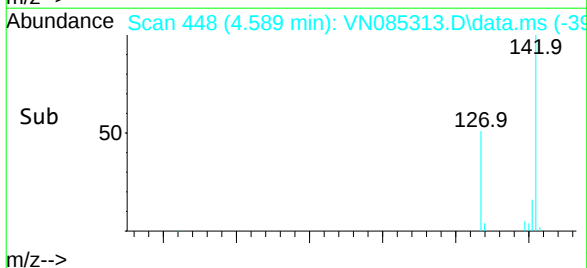
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

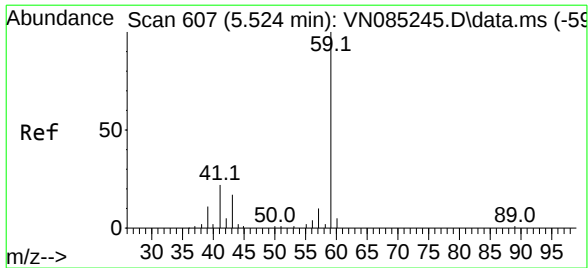


#10
Methyl Iodide
Concen: 20.083 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25



Tgt Ion:142 Resp: 38979
Ion Ratio Lower Upper
142 100
127 51.3 42.5 63.7
141 15.6 10.2 15.4#





#11

Tert butyl alcohol

Concen: 71.712 ug/l

RT: 5.512 min Scan# 60

Delta R.T. -0.006 min

Lab File: VN085313.D

Acq: 26 Dec 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBSD01

Tgt Ion: 59 Resp: 24052

Ion Ratio Lower Upper

59 100

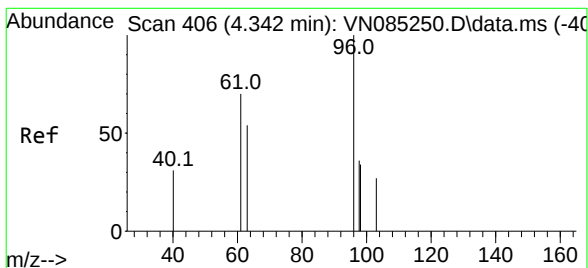
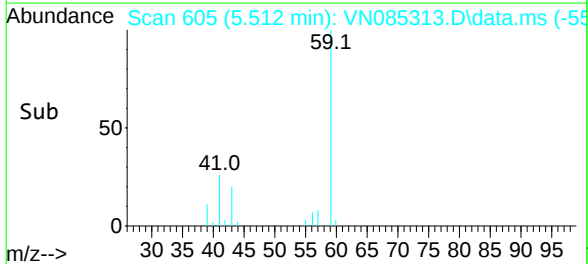
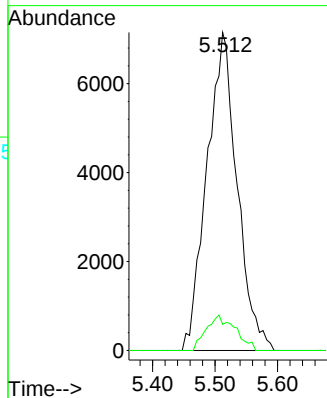
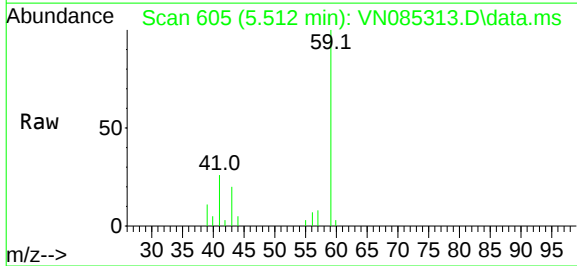
57 10.6 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#12

1,1-Dichloroethene

Concen: 19.288 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.006 min

Lab File: VN085313.D

Acq: 26 Dec 2024 13:25

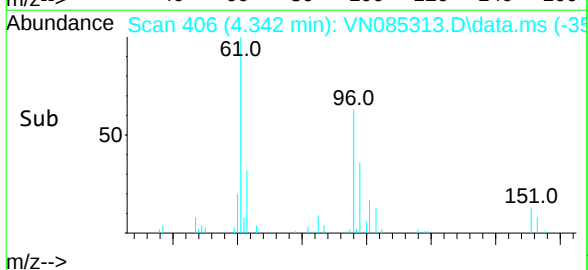
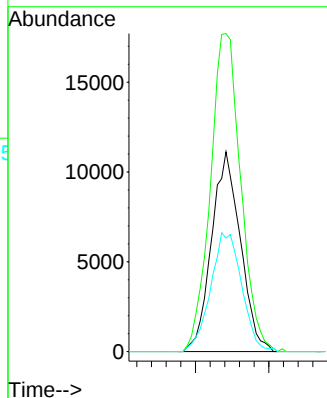
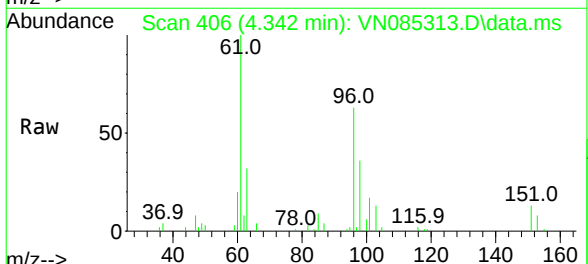
Tgt Ion: 96 Resp: 30412

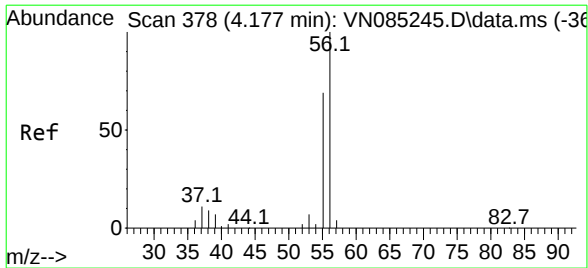
Ion Ratio Lower Upper

96 100

61 159.2 151.6 227.4

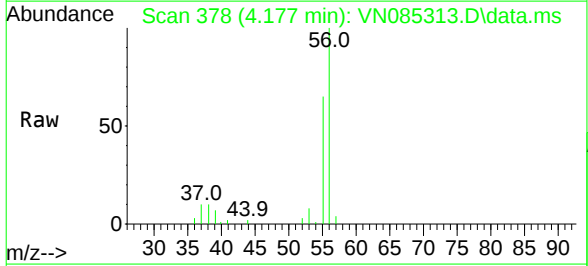
98 56.8 51.9 77.9





#13
Acrolein
Concen: 111.726 ug/l
RT: 4.177 min Scan# 37
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

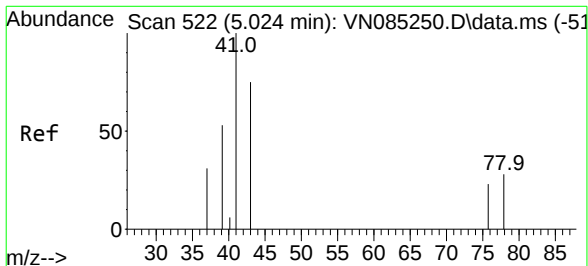
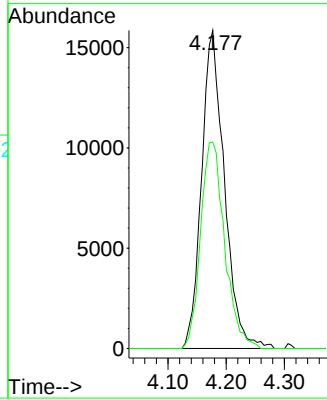
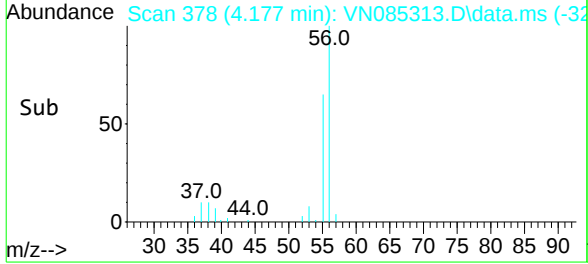
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01



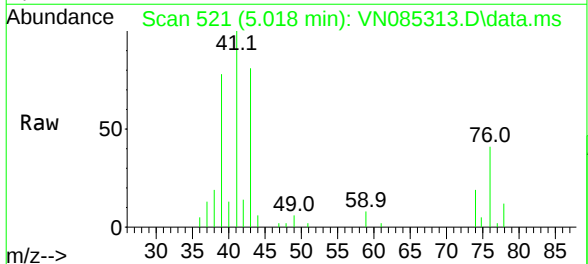
Tgt Ion: 56 Resp: 43154
Ion Ratio Lower Upper
56 100
55 68.5 59.0 88.6

Manual Integrations
APPROVED

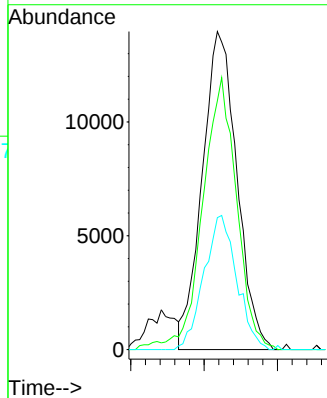
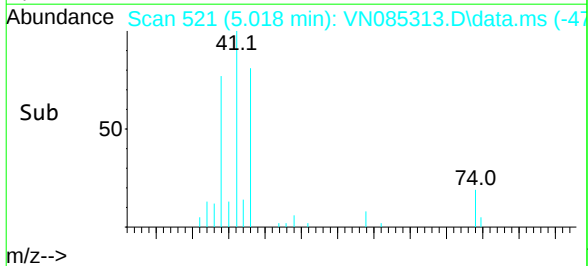
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

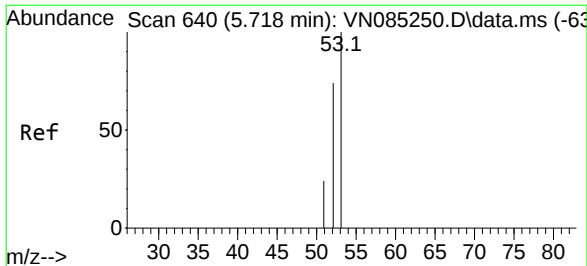


#14
Allyl chloride
Concen: 16.790 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25



Tgt Ion: 41 Resp: 45846
Ion Ratio Lower Upper
41 100
39 83.7 66.7 100.1
76 39.9 29.4 44.2





#15

Acrylonitrile

Concen: 82.746 ug/l

RT: 5.712 min Scan# 63

Delta R.T. -0.000 min

Lab File: VN085313.D

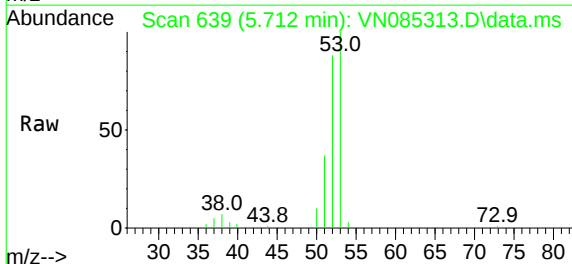
Acq: 26 Dec 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBSD01



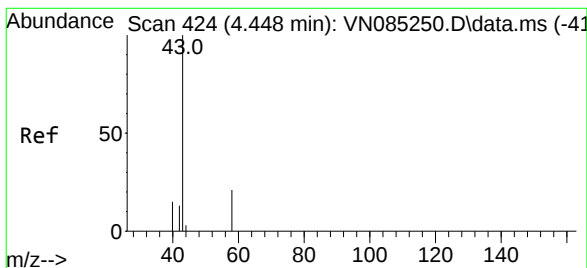
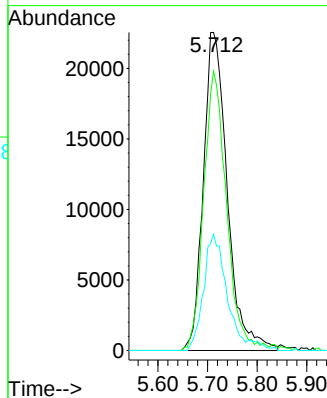
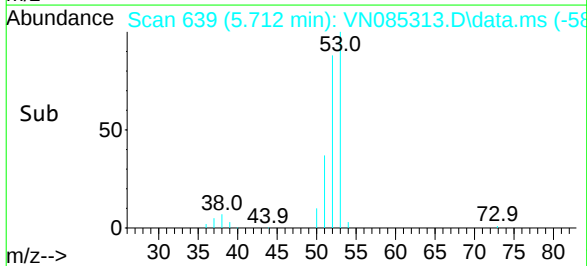
Tgt Ion:	53	Resp:	75591
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.3	99.5
51	36.6	28.2	42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#16

Acetone

Concen: 74.420 ug/l

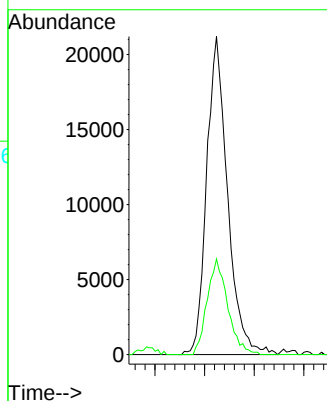
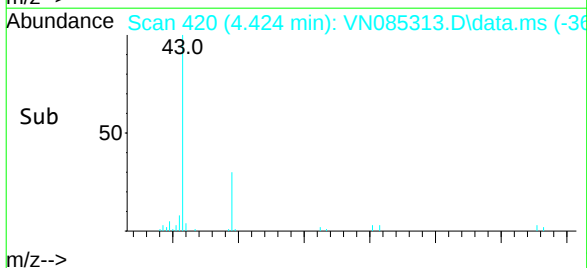
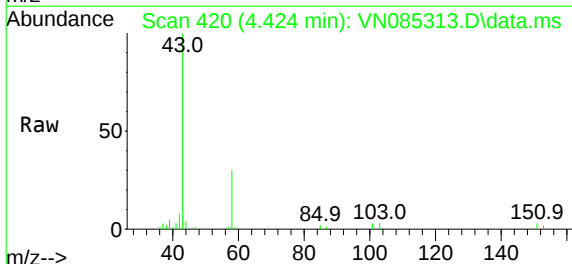
RT: 4.424 min Scan# 420

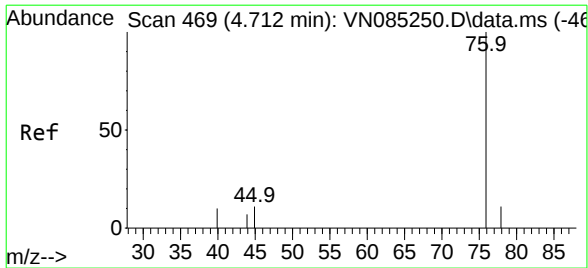
Delta R.T. -0.000 min

Lab File: VN085313.D

Acq: 26 Dec 2024 13:25

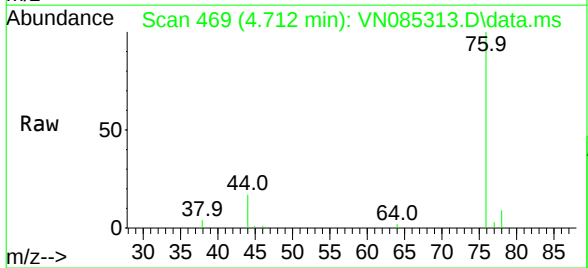
Tgt Ion:	43	Resp:	62025
Ion	Ratio	Lower	Upper
43	100		
58	30.1	20.8	31.2





#17
Carbon Disulfide
Concen: 16.343 ug/l
RT: 4.712 min Scan# 46
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

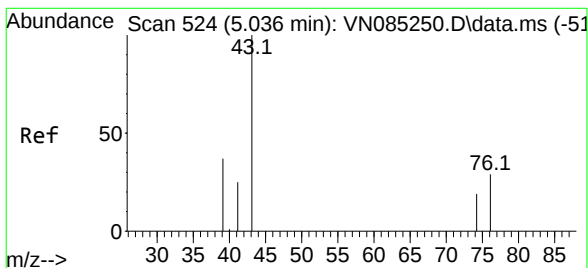
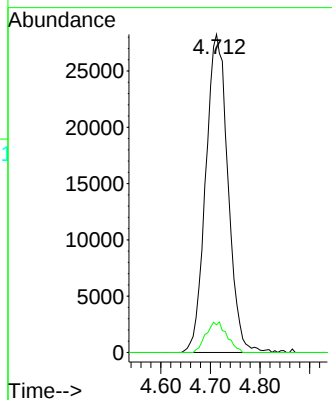
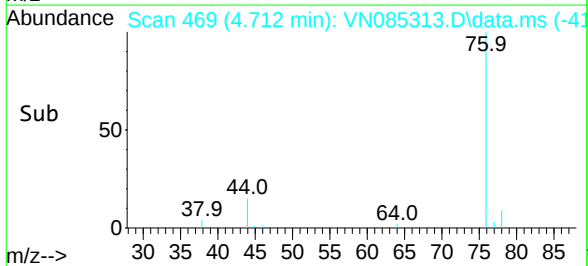
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01



Tgt Ion: 76 Resp: 87938
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2

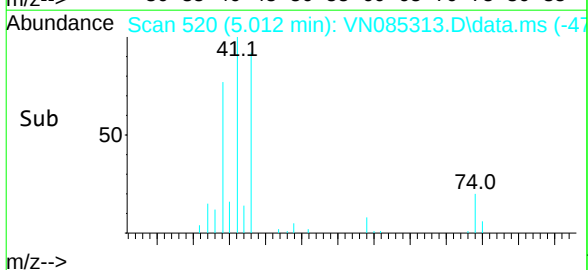
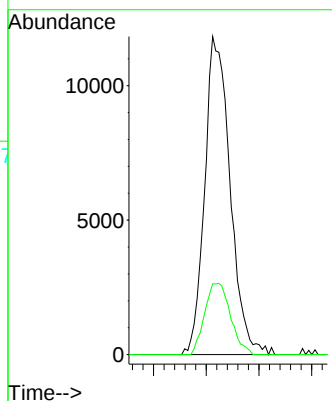
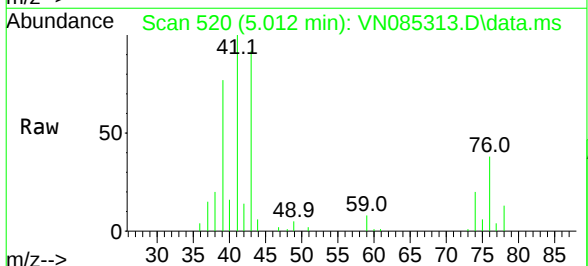
Manual Integrations
APPROVED

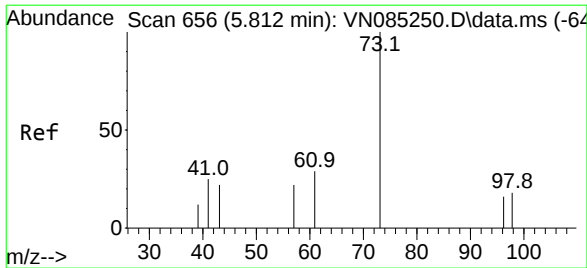
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#18
Methyl Acetate
Concen: 16.797 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Tgt Ion: 43 Resp: 39632
Ion Ratio Lower Upper
43 100
74 22.7 17.5 26.3





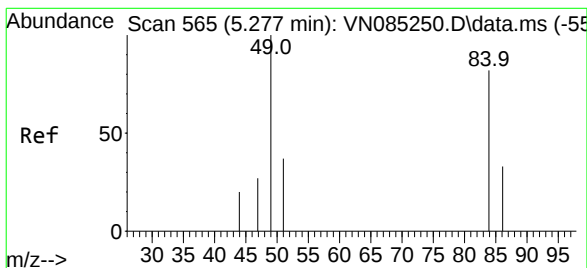
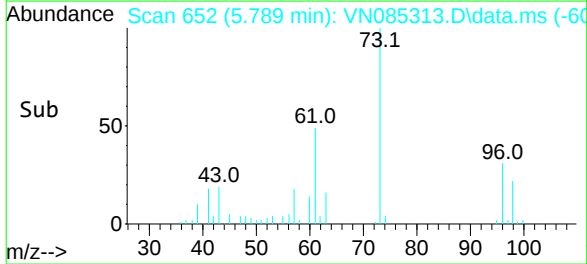
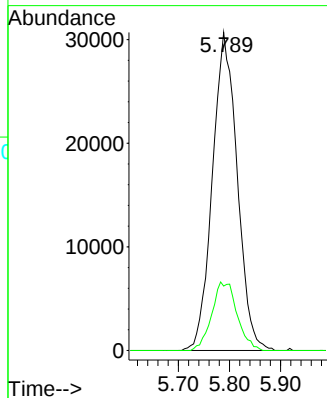
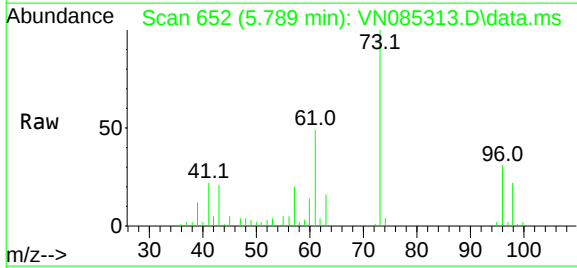
#19
Methyl tert-butyl Ether
Concen: 19.134 ug/l
RT: 5.789 min Scan# 65
Delta R.T. -0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01

Tgt Ion: 73 Resp: 103406
Ion Ratio Lower Upper
73 100
57 20.3 17.0 25.6

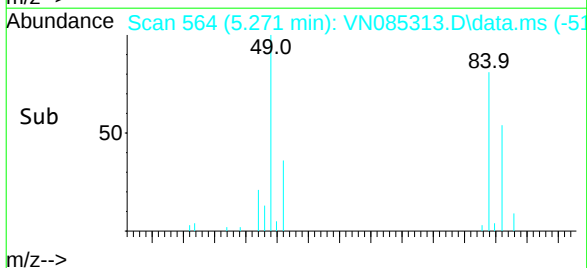
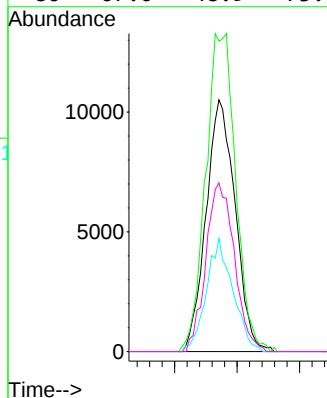
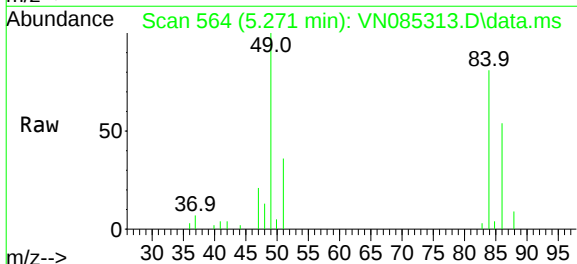
Manual Integrations
APPROVED

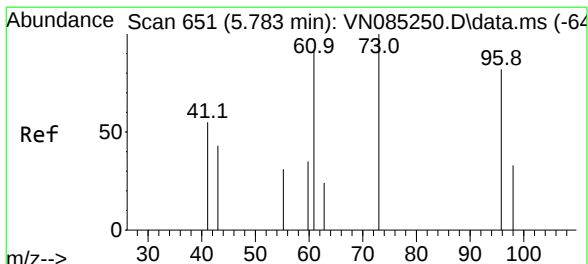
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#20
Methylene Chloride
Concen: 18.716 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

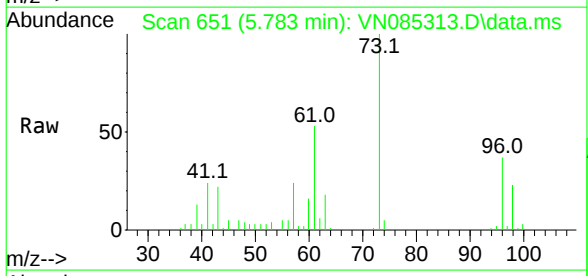
Tgt Ion: 84 Resp: 34122
Ion Ratio Lower Upper
84 100
49 123.4 103.6 155.4
51 44.9 34.2 51.2
86 67.0 48.9 73.3





#21
trans-1,2-Dichloroethene
Concen: 17.765 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

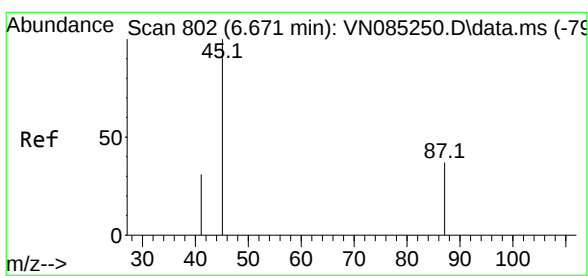
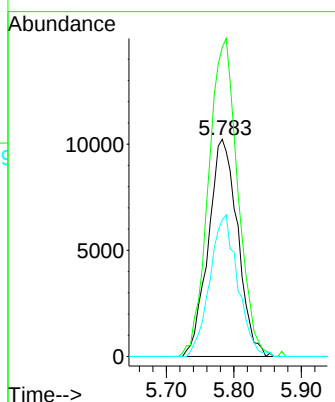
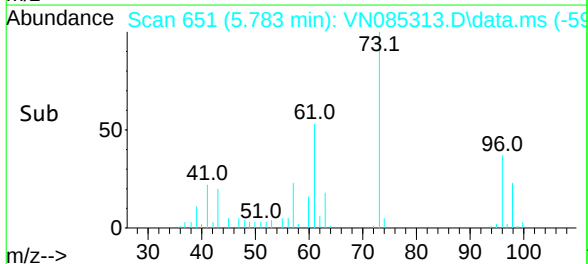
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01



Tgt Ion:	96	Resp:	30882
Ion	Ratio	Lower	Upper
96	100		
61	142.4	122.0	183.0
98	62.9	54.3	81.5

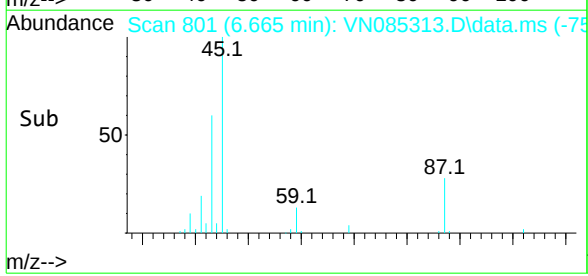
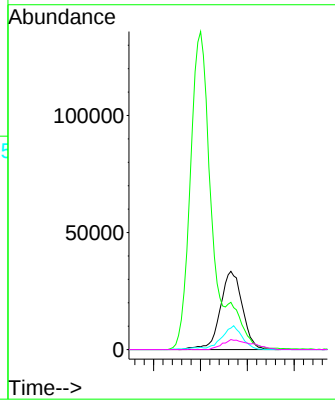
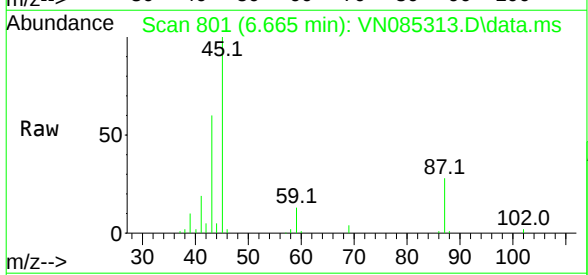
Manual Integrations
APPROVED

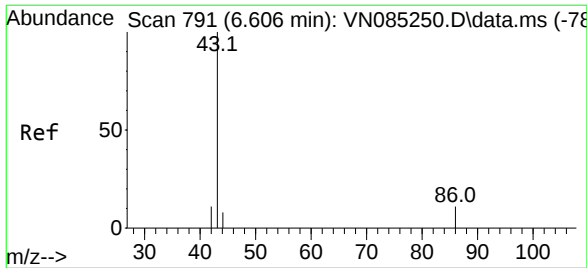
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#22
Diisopropyl ether
Concen: 18.788 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

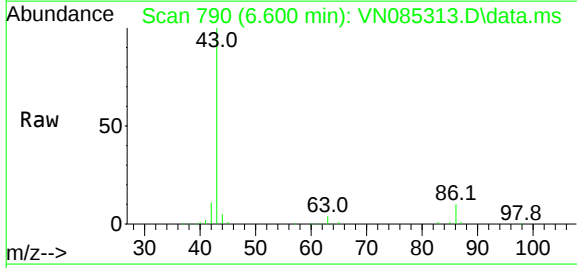
Tgt Ion:	45	Resp:	109447
Ion	Ratio	Lower	Upper
45	100		
43	58.6	43.8	65.6
87	27.5	21.2	31.8
59	12.9	8.6	13.0





#23
 Vinyl Acetate
 Concen: 88.779 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: VN085313.D
 Acq: 26 Dec 2024 13:25

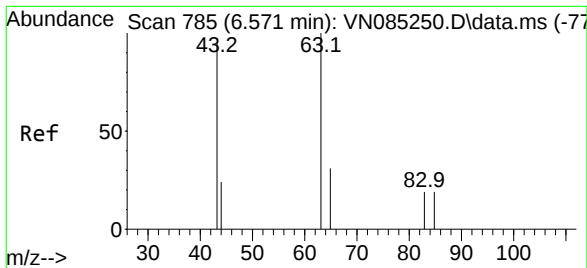
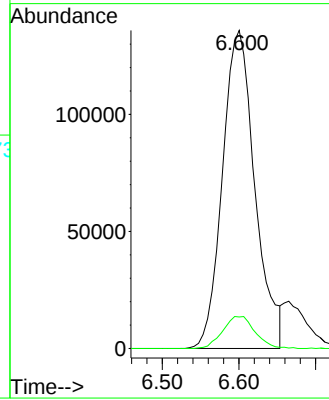
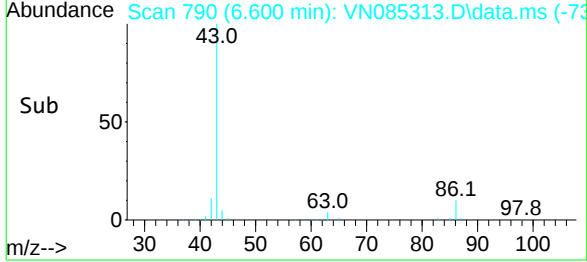
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1226WBSD01



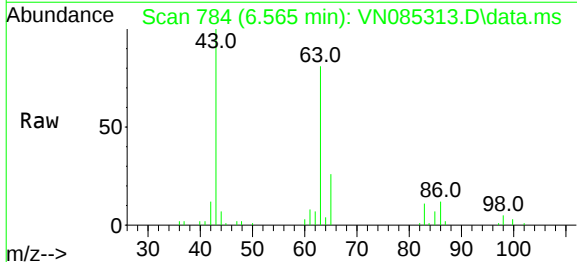
Tgt Ion: 43 Resp: 399612
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

Manual Integrations
 APPROVED

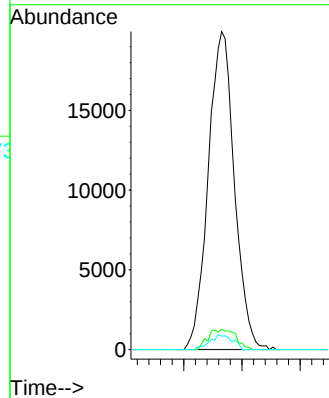
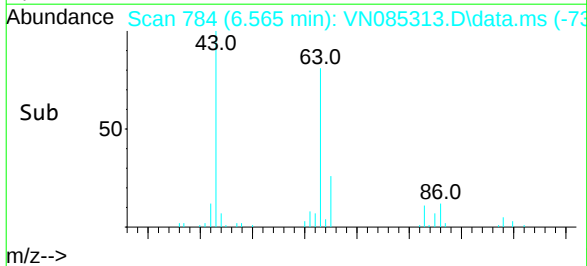
Reviewed By :John Carlone 12/27/2024
 Supervised By :Mahesh Dadoda 12/27/2024

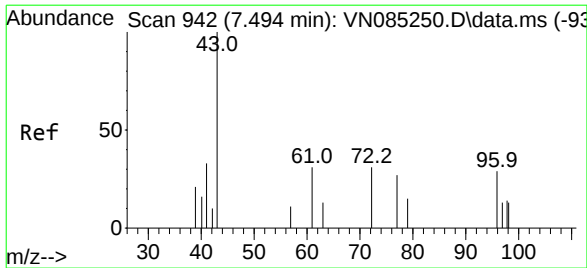


#24
 1,1-Dichloroethane
 Concen: 18.476 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085313.D
 Acq: 26 Dec 2024 13:25



Tgt Ion: 63 Resp: 62346
 Ion Ratio Lower Upper
 63 100
 98 6.4 2.9 8.6
 100 4.2 2.1 6.5





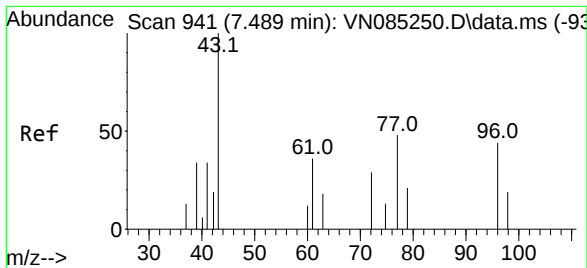
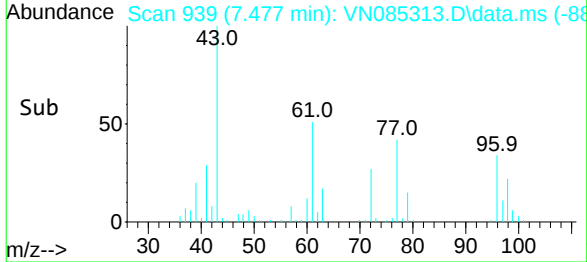
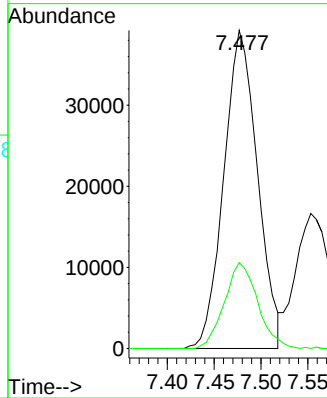
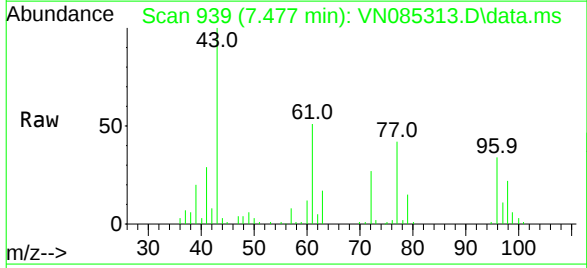
#25
2-Butanone
Concen: 76.633 ug/l
RT: 7.477 min Scan# 93
Delta R.T. -0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01

Tgt Ion: 43 Resp: 97810
Ion Ratio Lower Upper
43 100
72 27.0 19.6 29.4

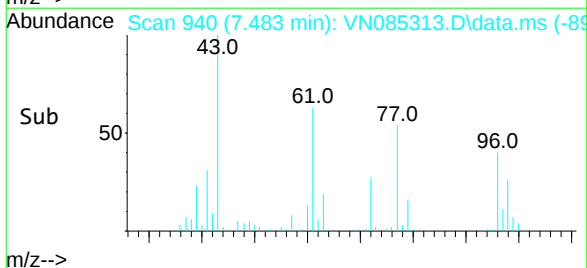
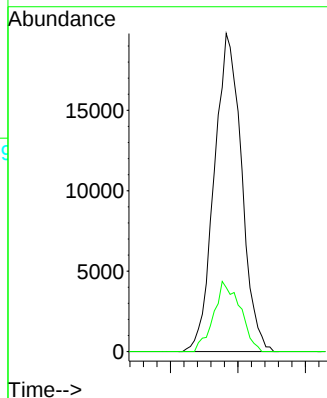
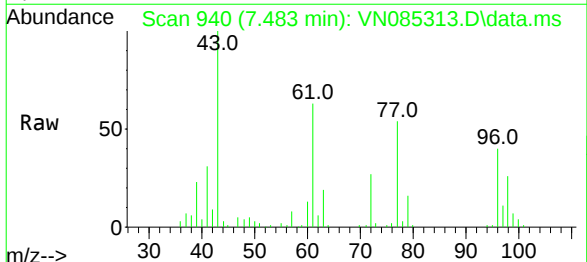
Manual Integrations
APPROVED

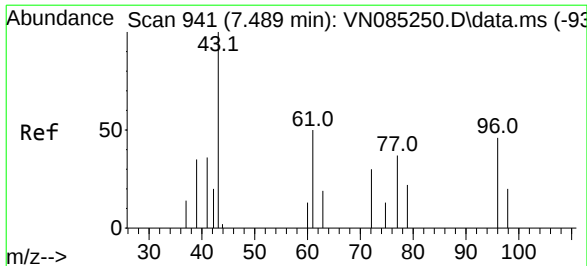
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#26
2,2-Dichloropropane
Concen: 17.803 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

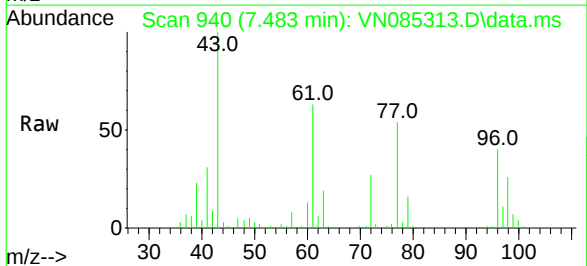
Tgt Ion: 77 Resp: 55627
Ion Ratio Lower Upper
77 100
97 21.5 10.5 31.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.854 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN085313.D
 Acq: 26 Dec 2024 13:25

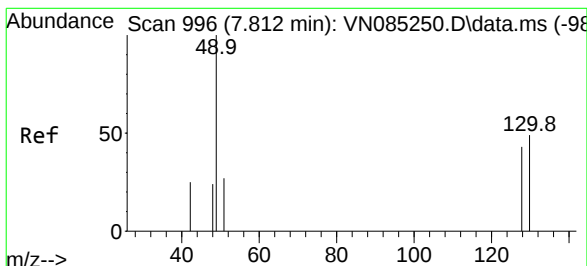
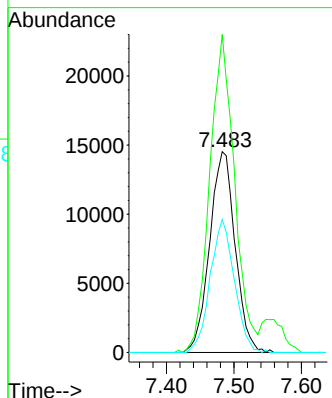
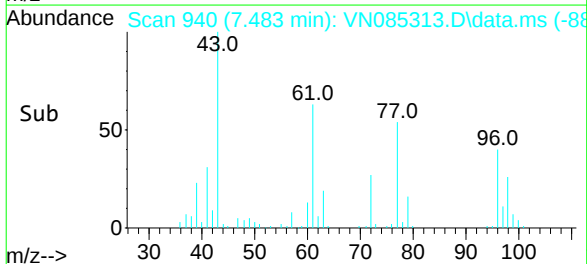
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1226WBSD01



Tgt Ion: 96 Resp: 38161
 Ion Ratio Lower Upper
 96 100
 61 154.4 0.0 316.4
 98 62.9 0.0 125.4

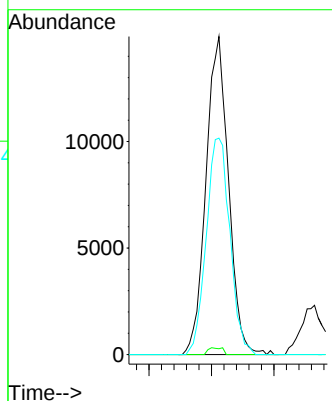
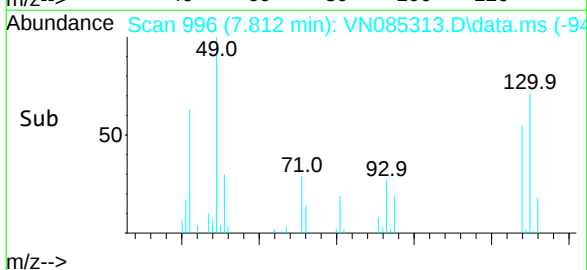
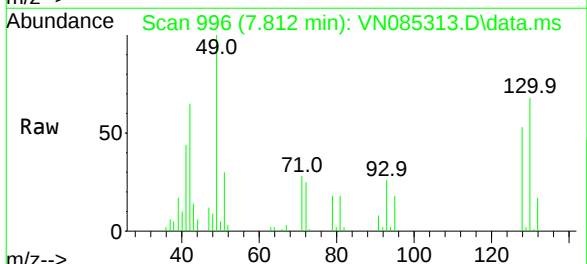
Manual Integrations
 APPROVED

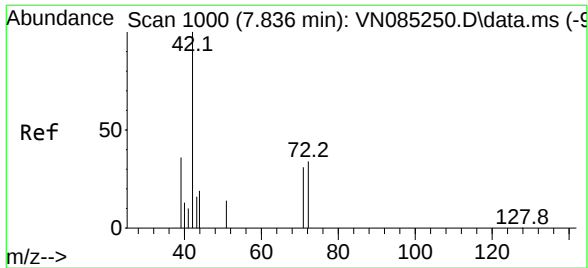
Reviewed By :John Carlone 12/27/2024
 Supervised By :Mahesh Dadoda 12/27/2024



#28
 Bromochloromethane
 Concen: 22.014 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN085313.D
 Acq: 26 Dec 2024 13:25

Tgt Ion: 49 Resp: 37462
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.4
 130 71.3 54.1 81.1





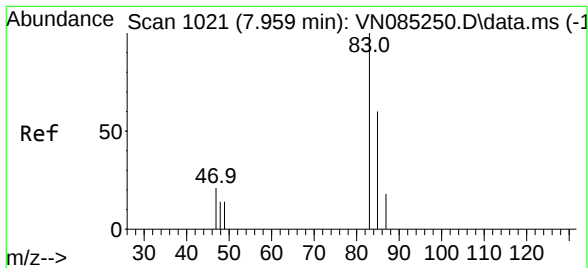
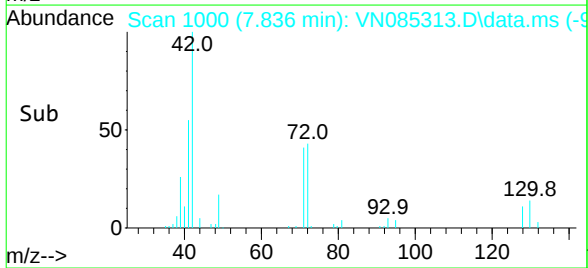
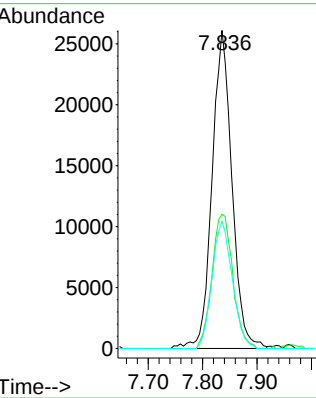
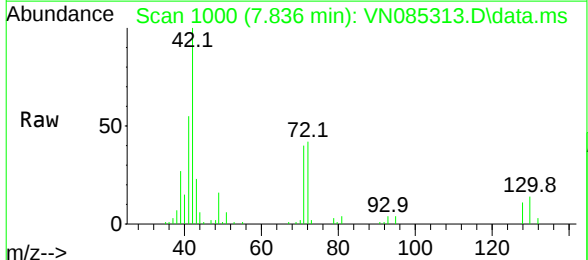
#29
Tetrahydrofuran
Concen: 80.480 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01

Tgt Ion: 42 Resp: 66215
Ion Ratio Lower Upper
42 100
72 44.1 32.7 49.1
71 40.9 31.4 47.2

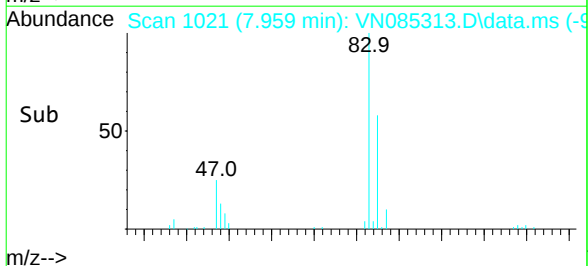
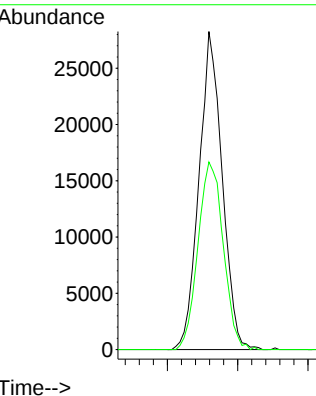
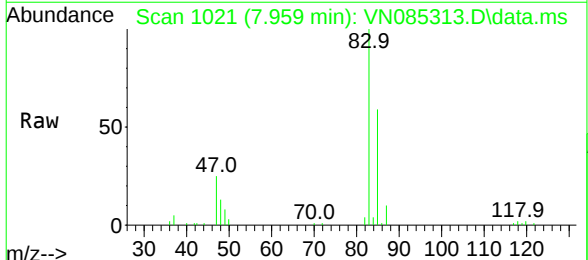
Manual Integrations
APPROVED

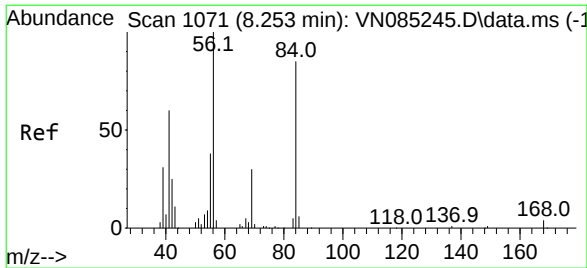
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#30
Chloroform
Concen: 17.959 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Tgt Ion: 83 Resp: 64717
Ion Ratio Lower Upper
83 100
85 59.0 51.4 77.0





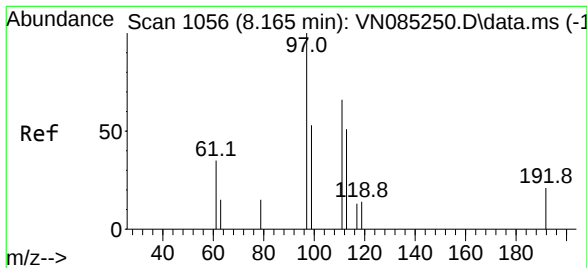
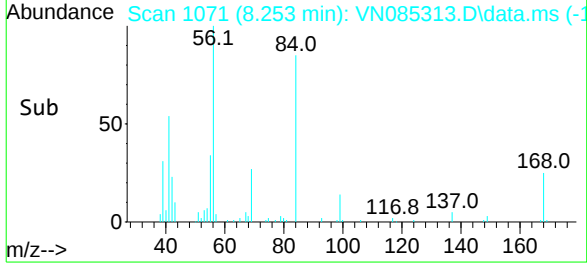
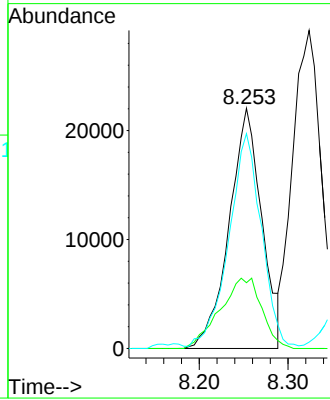
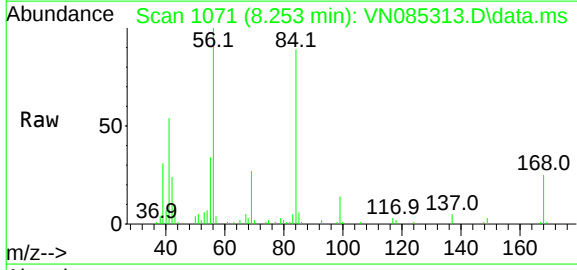
#31
Cyclohexane
Concen: 17.996 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01

Tgt Ion	56	69	84
Ratio	100	27.4	87.6
Lower		23.6	66.6
Upper		35.4	99.8

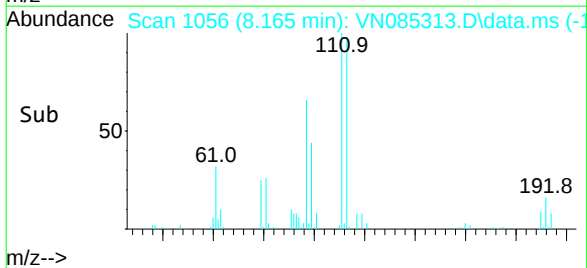
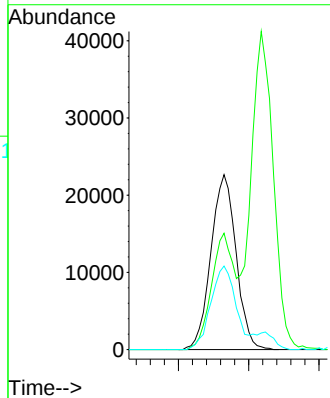
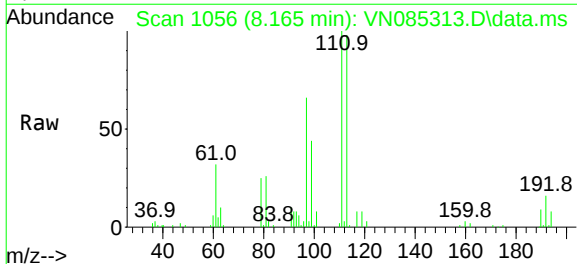
Manual Integrations
APPROVED

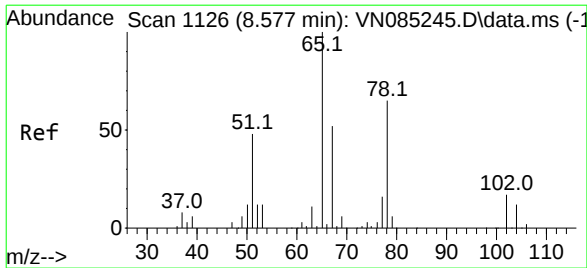
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#32
1,1,1-Trichloroethane
Concen: 17.573 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

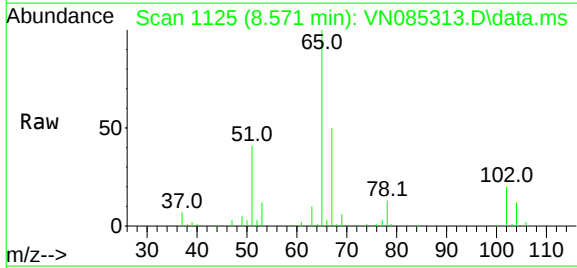
Tgt Ion	97	99	61
Ratio	100	58.7	47.3
Lower		51.4	40.4
Upper		77.0	60.6





#33
1,2-Dichloroethane-d4
Concen: 45.283 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

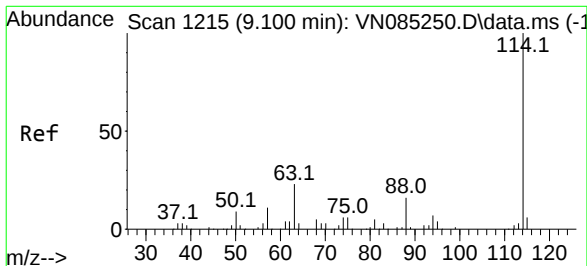
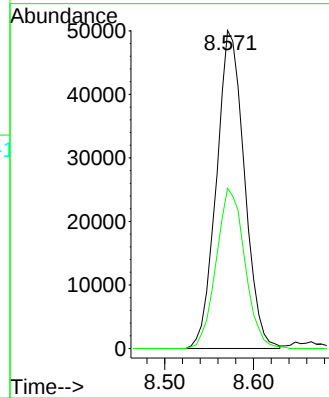
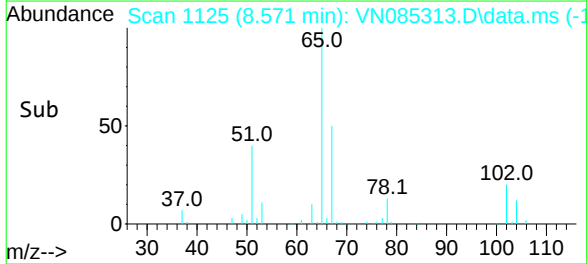
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01



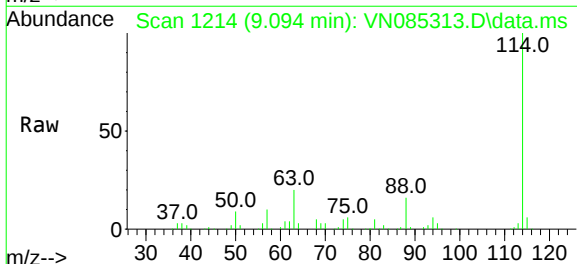
Tgt Ion: 65 Resp: 109336
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.2

Manual Integrations
APPROVED

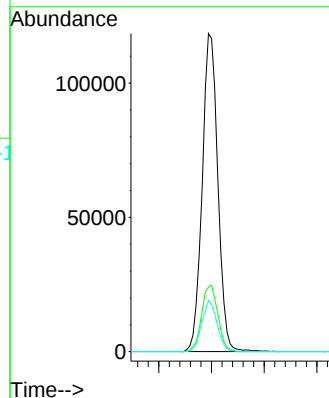
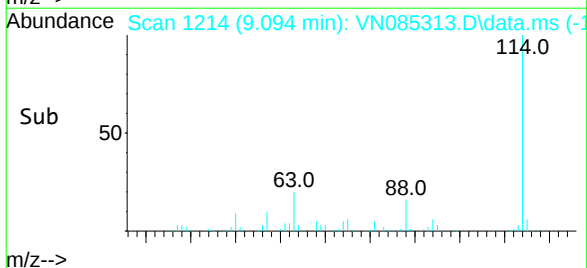
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

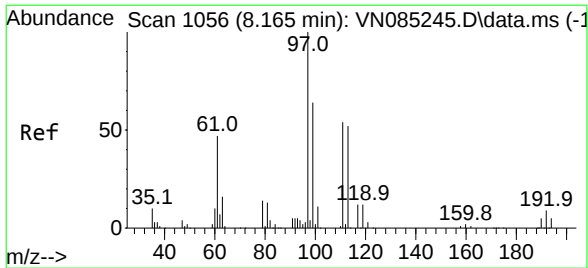


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25



Tgt Ion:114 Resp: 244179
Ion Ratio Lower Upper
114 100
63 20.3 0.0 46.2
88 16.1 0.0 32.6





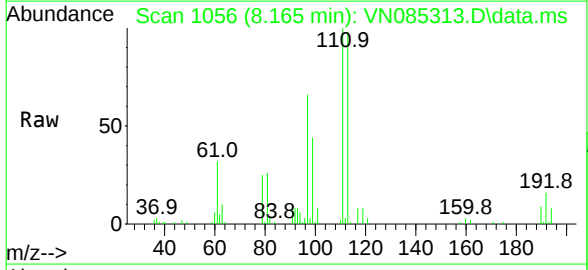
#35
 Dibromofluoromethane
 Concen: 48.178 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN085313.D
 Acq: 26 Dec 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBSD01



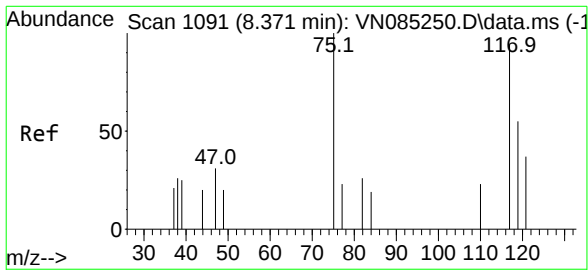
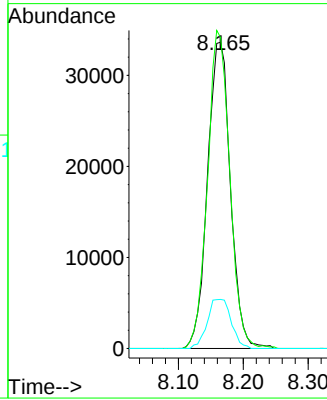
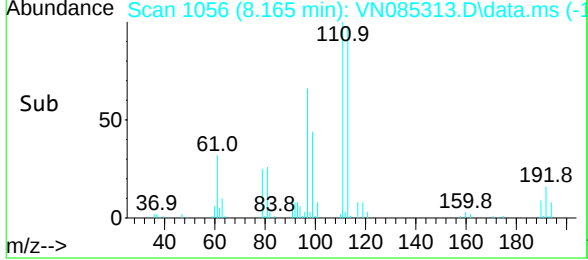
Tgt Ion:	113	Resp:	82708
Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.1	123.1
192	16.7	13.4	20.0

Manual Integrations

APPROVED

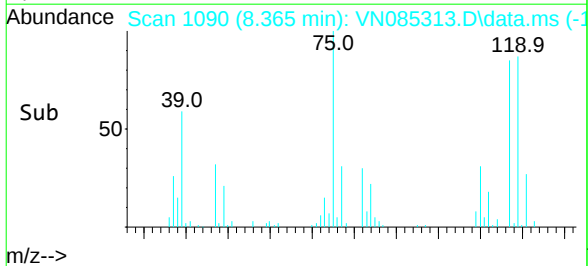
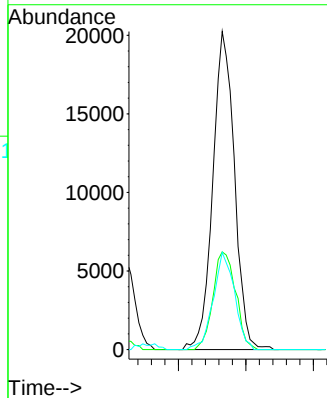
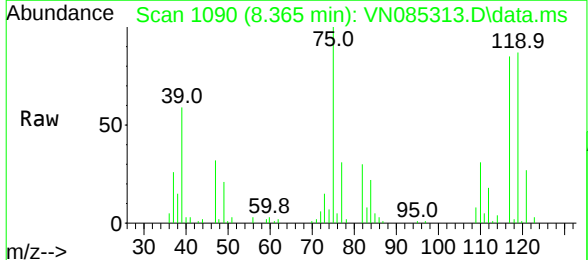
Reviewed By :John Carlone 12/27/2024

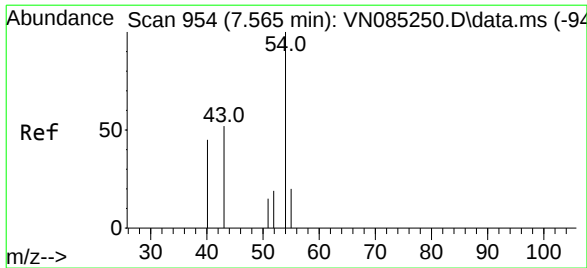
Supervised By :Mahesh Dadoda 12/27/2024



#36
 1,1-Dichloropropene
 Concen: 18.878 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VN085313.D
 Acq: 26 Dec 2024 13:25

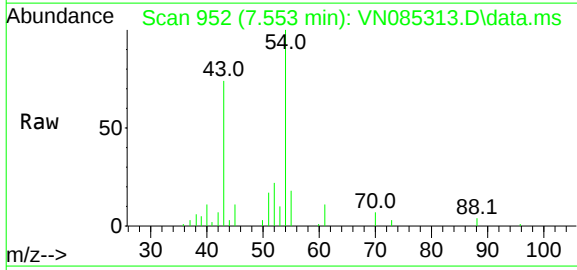
Tgt Ion:	75	Resp:	45125
Ion	Ratio	Lower	Upper
75	100		
110	32.1	16.0	48.0
77	30.1	24.6	36.8





#37
Ethyl Acetate
Concen: 14.961 ug/l
RT: 7.553 min Scan# 954
Delta R.T. -0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

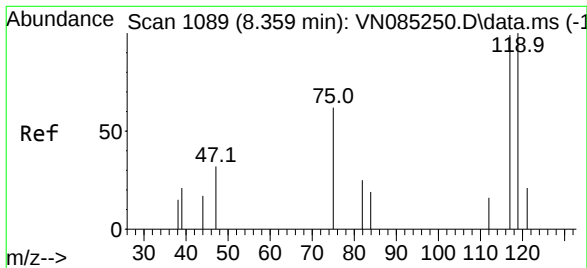
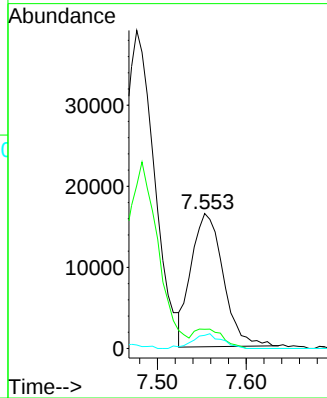
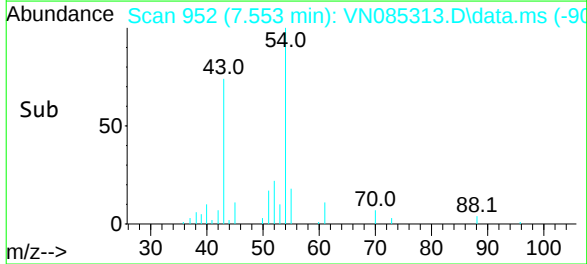
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01



Tgt Ion: 43 Resp: 41258
Ion Ratio Lower Upper
43 100
61 13.2 9.8 14.6
70 10.0 7.8 11.8

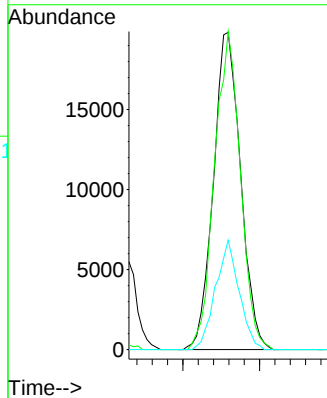
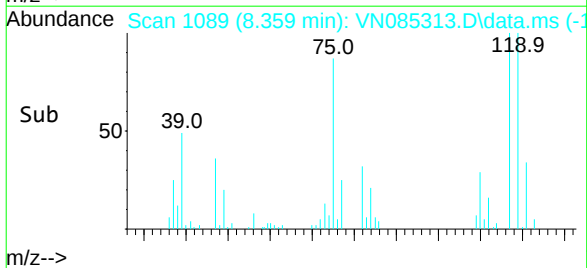
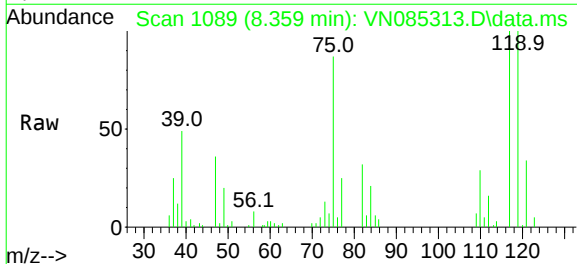
Manual Integrations
APPROVED

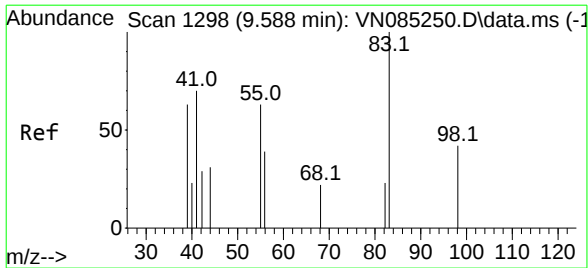
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#38
Carbon Tetrachloride
Concen: 16.867 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

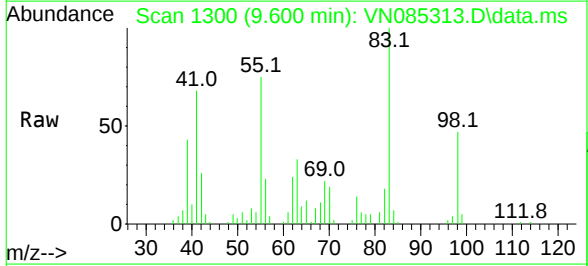
Tgt Ion:117 Resp: 48750
Ion Ratio Lower Upper
117 100
119 100.2 74.8 112.2
121 34.5 24.2 36.4





#39
Methylcyclohexane
Concen: 19.150 ug/l
RT: 9.600 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

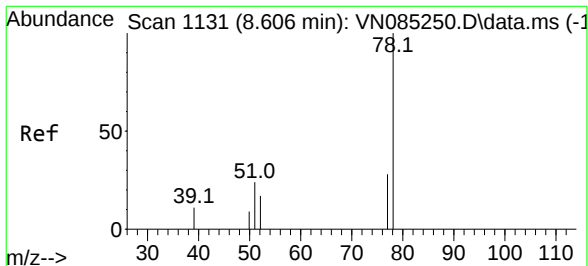
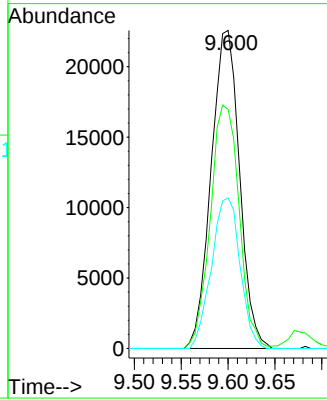
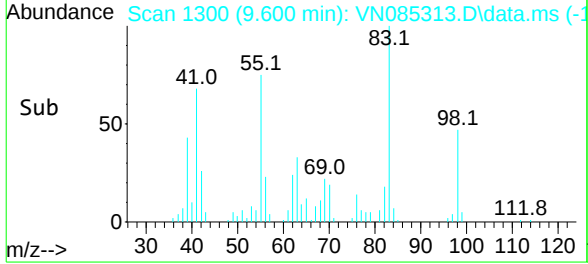
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01



Tgt Ion: 83 Resp: 47635
Ion Ratio Lower Upper
83 100
55 75.2 66.8 100.2
98 47.4 39.4 59.2

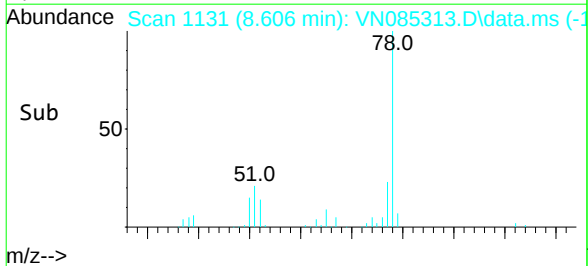
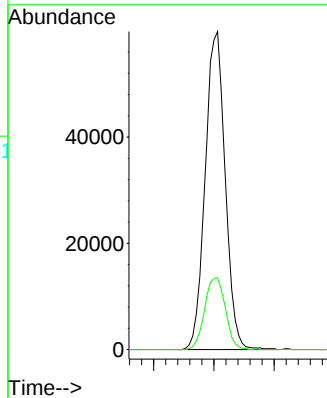
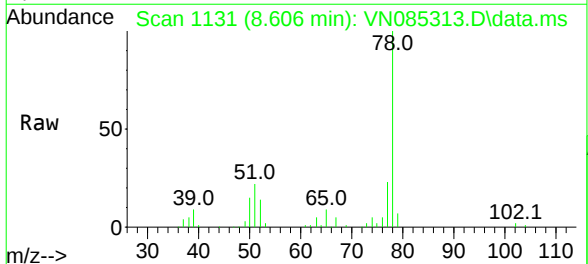
Manual Integrations
APPROVED

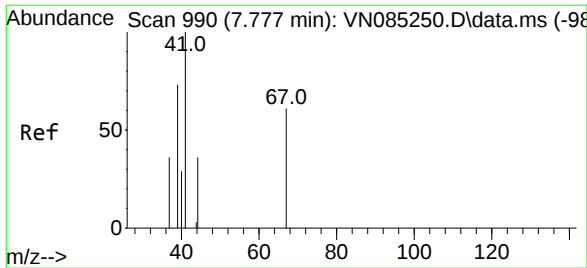
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#40
Benzene
Concen: 18.577 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

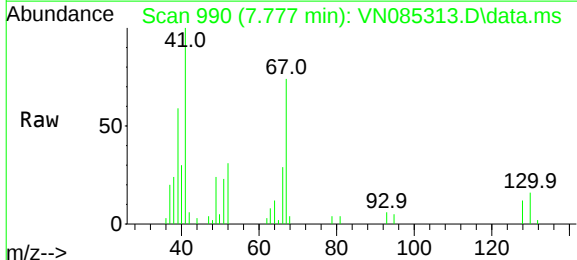
Tgt Ion: 78 Resp: 138149
Ion Ratio Lower Upper
78 100
77 22.6 18.9 28.3





#41
Methacrylonitrile
Concen: 16.366 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

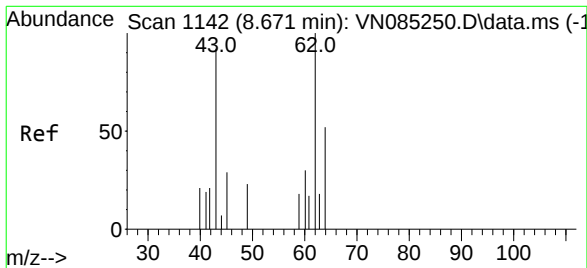
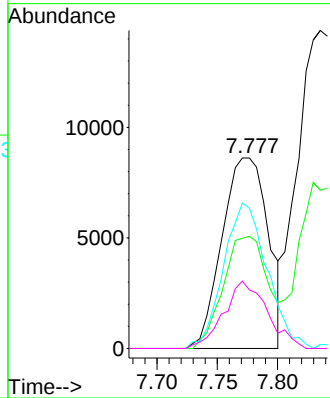
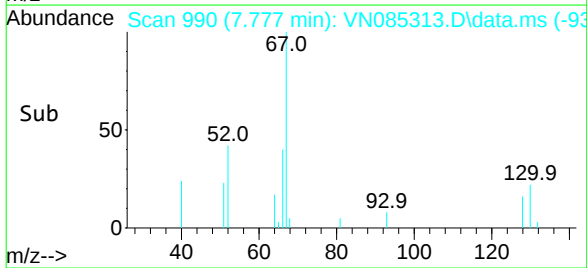
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01



Tgt Ion:	41	Resp:	23001
Ion	Ratio	Lower	Upper
41	100		
39	56.6	44.0	66.0
67	72.0	56.0	84.0
52	33.2	25.8	38.6

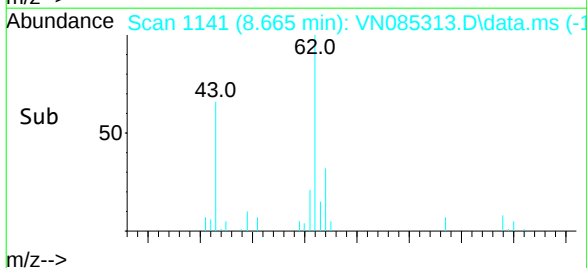
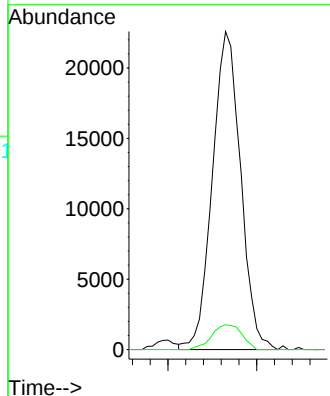
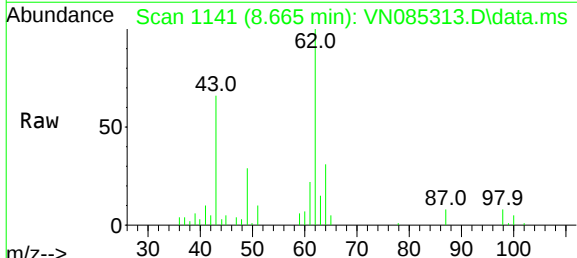
Manual Integrations
APPROVED

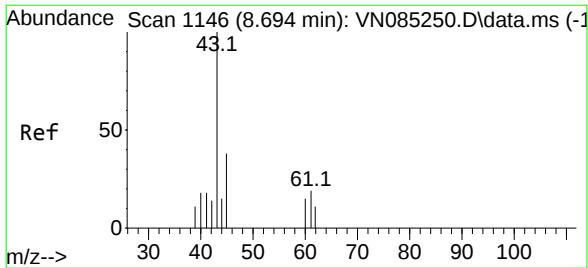
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#42
1,2-Dichloroethane
Concen: 17.605 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Tgt Ion:	62	Resp:	49867
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.4





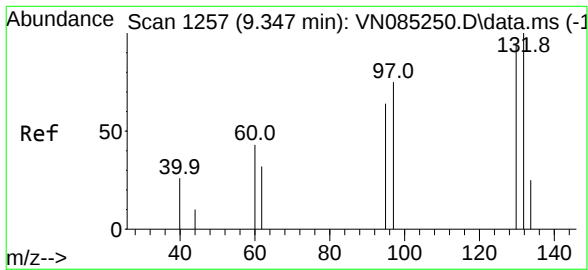
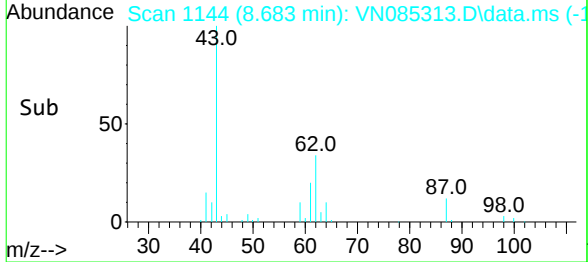
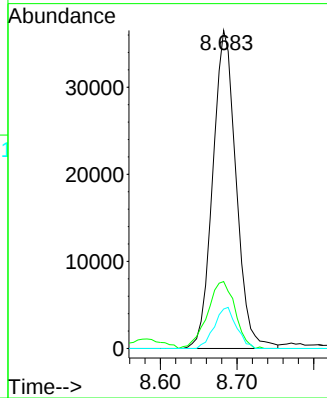
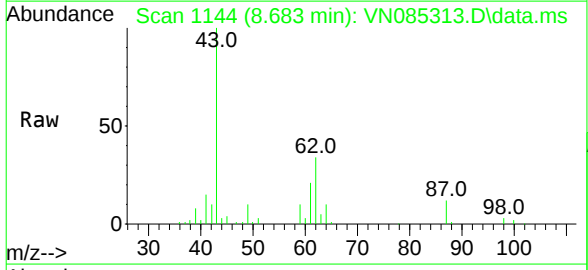
#43
Isopropyl Acetate
Concen: 15.302 ug/l
RT: 8.683 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01

Tgt Ion: 43	Resp: 77174
Ion Ratio	Lower Upper
43 100	
61 24.9	19.0 28.4
87 12.3	9.3 13.9

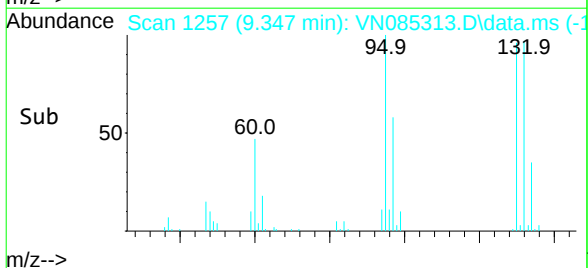
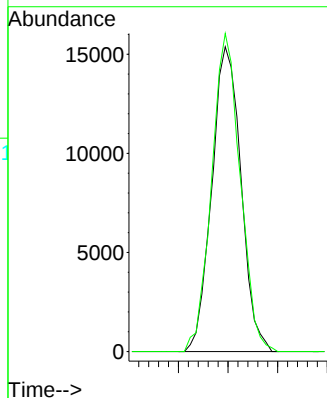
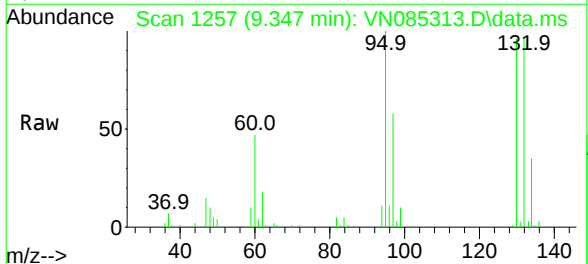
Manual Integrations
APPROVED

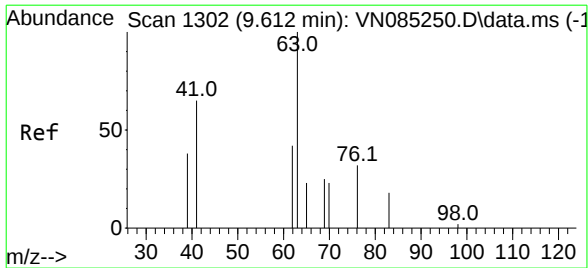
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#44
Trichloroethene
Concen: 18.975 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

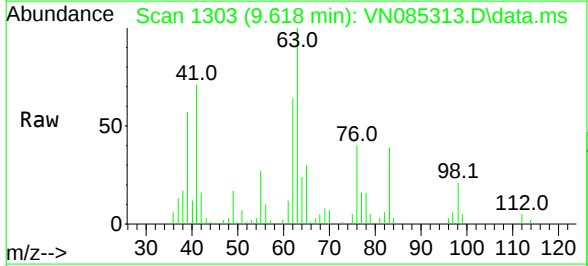
Tgt Ion:130	Resp: 31415
Ion Ratio	Lower Upper
130 100	
95 104.4	0.0 207.6





#45
1,2-Dichloropropane
Concen: 18.792 ug/l
RT: 9.618 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

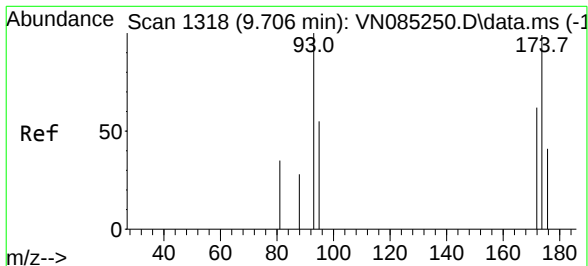
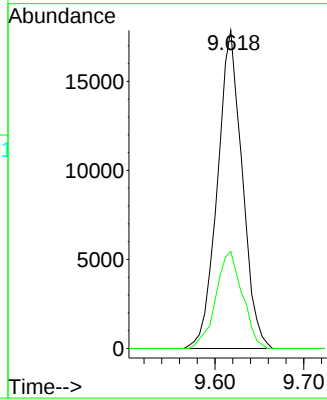
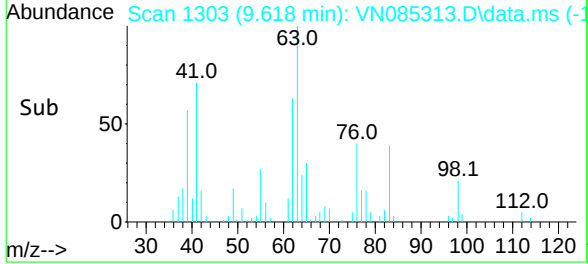
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01



Tgt Ion: 63 Resp: 34602
Ion Ratio Lower Upper
63 100
65 30.5 24.0 36.0

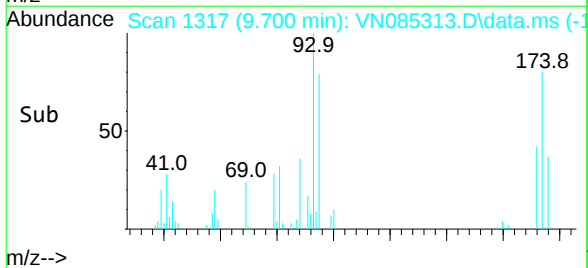
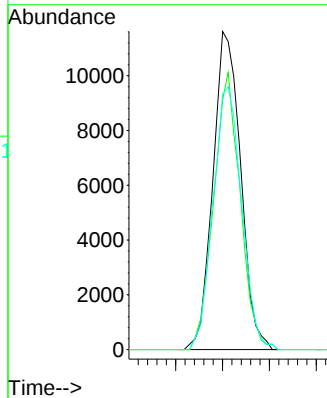
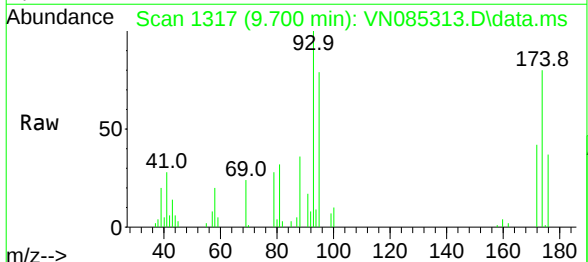
Manual Integrations
APPROVED

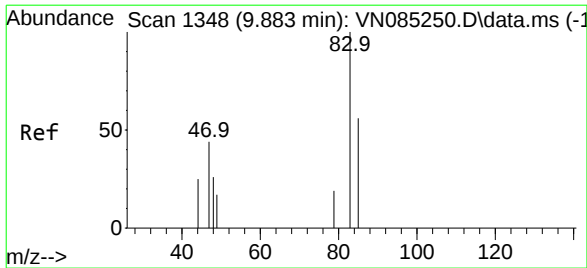
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#46
Dibromomethane
Concen: 18.073 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

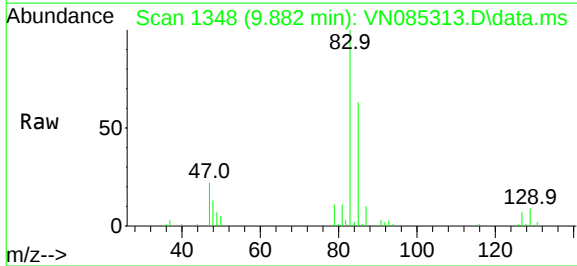
Tgt Ion: 93 Resp: 23756
Ion Ratio Lower Upper
93 100
95 83.5 67.0 100.6
174 85.7 69.3 103.9





#47
Bromodichloromethane
Concen: 18.069 ug/l
RT: 9.882 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

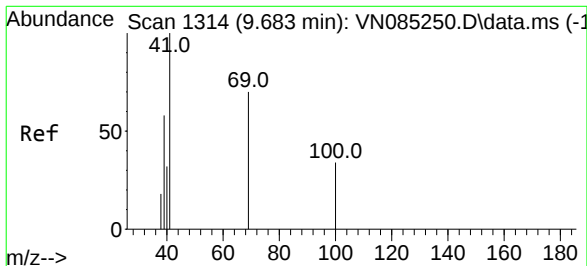
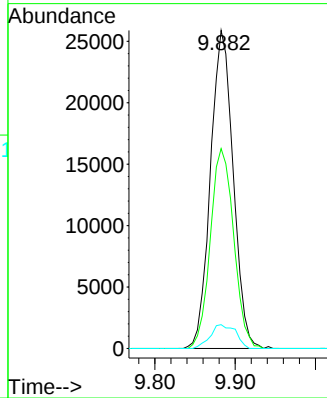
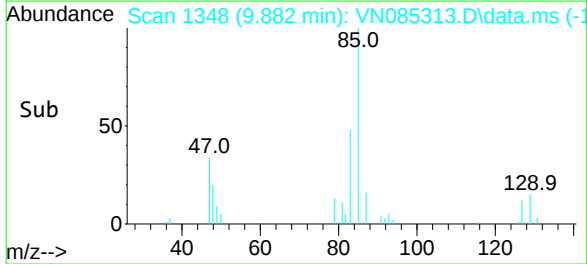
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01



Tgt Ion: 83 Resp: 50886
Ion Ratio Lower Upper
83 100
85 62.9 51.0 76.4
127 7.5 6.3 9.5

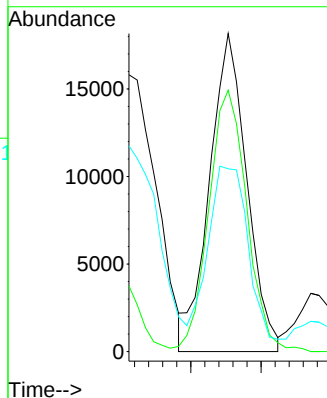
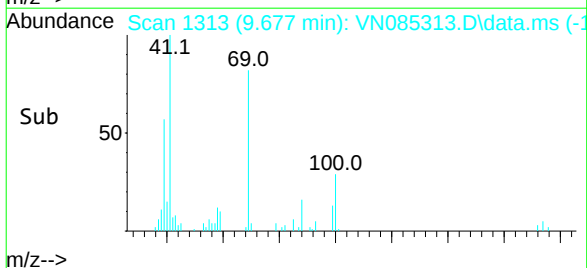
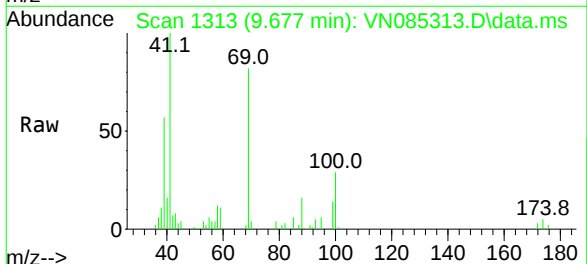
Manual Integrations
APPROVED

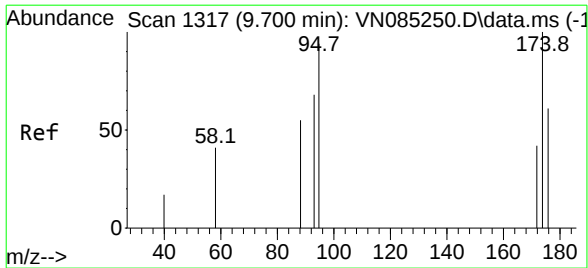
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#48
Methyl methacrylate
Concen: 16.183 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

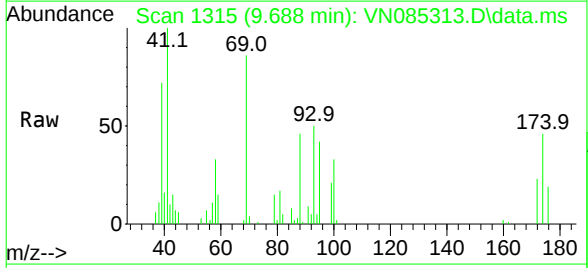
Tgt Ion: 41 Resp: 33455
Ion Ratio Lower Upper
41 100
69 84.1 61.0 91.4
39 64.7 49.8 74.8





#49
1,4-Dioxane
Concen: 306.303 ug/l
RT: 9.688 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

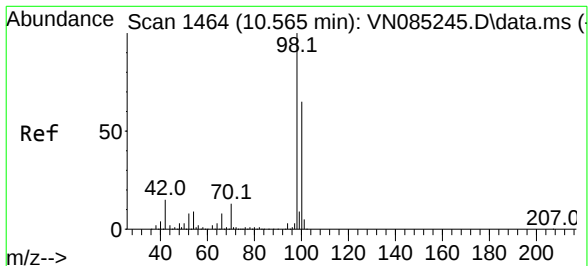
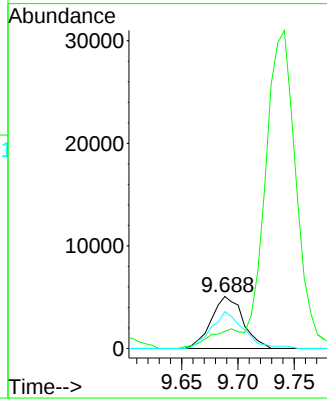
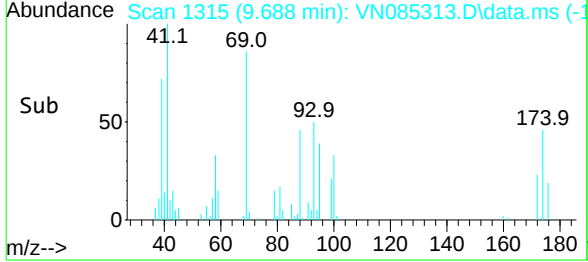
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01



Tgt Ion: 88 Resp: 9984
Ion Ratio Lower Upper
88 100
43 0.0 25.6 38.4#
58 72.9 56.5 84.7

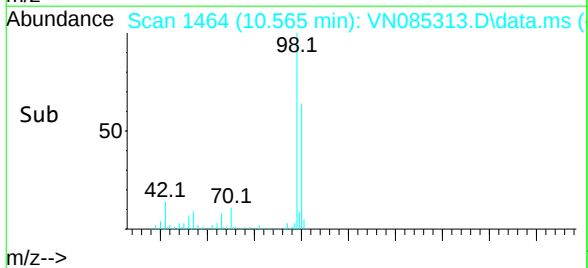
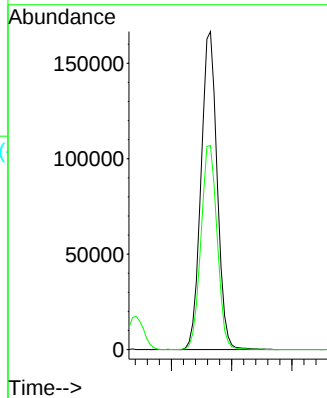
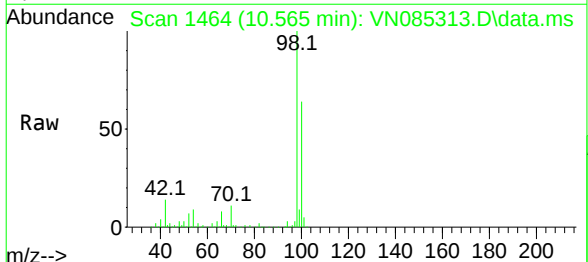
Manual Integrations
APPROVED

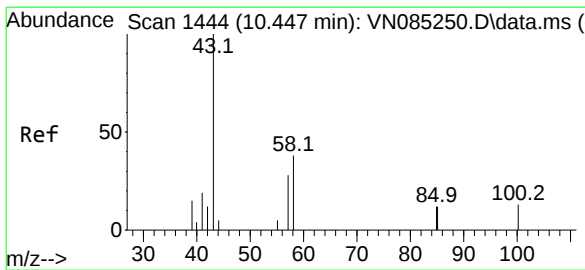
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#50
Toluene-d8
Concen: 49.299 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Tgt Ion: 98 Resp: 309328
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4





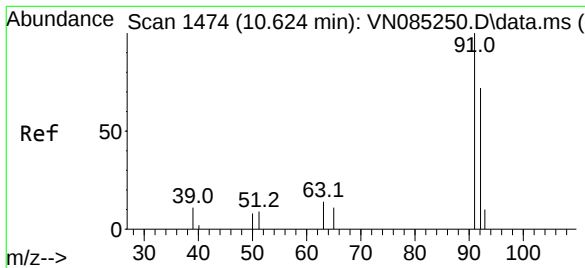
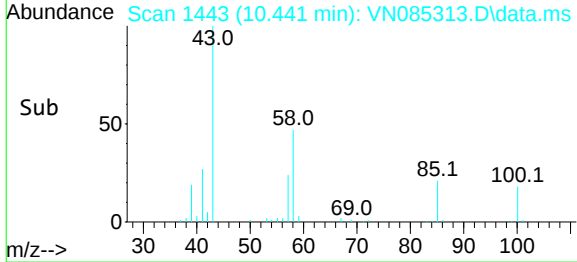
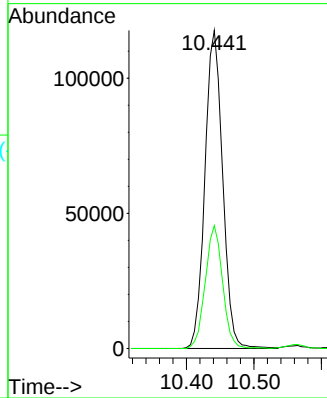
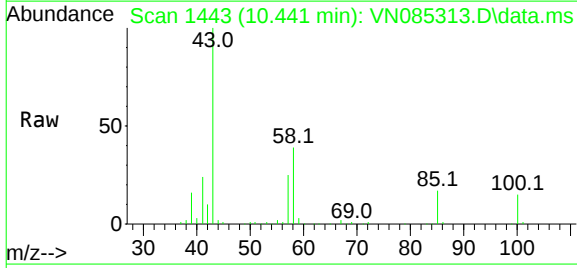
#51
4-Methyl-2-Pentanone
Concen: 80.986 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01

Tgt Ion: 43 Resp: 214603
Ion Ratio Lower Upper
43 100
58 37.8 29.4 44.2

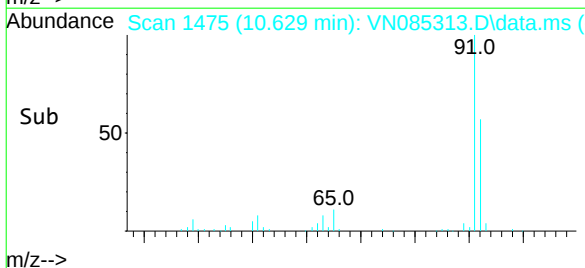
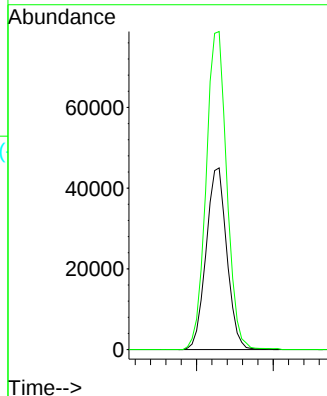
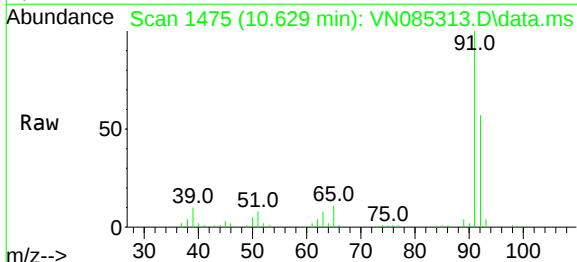
Manual Integrations
APPROVED

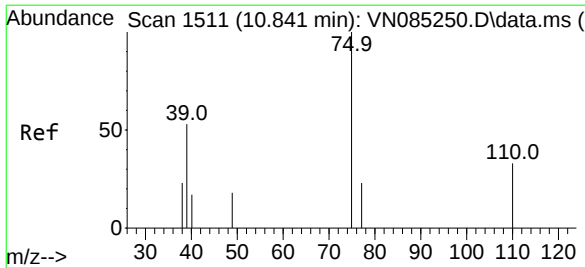
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#52
Toluene
Concen: 18.912 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

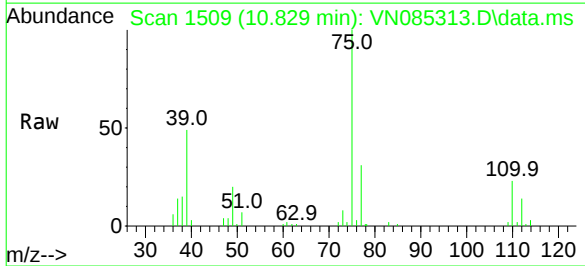
Tgt Ion: 92 Resp: 84564
Ion Ratio Lower Upper
92 100
91 174.8 138.9 208.3





#53
t-1,3-Dichloropropene
Concen: 18.584 ug/l
RT: 10.829 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

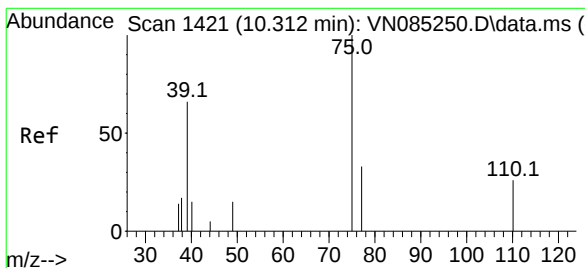
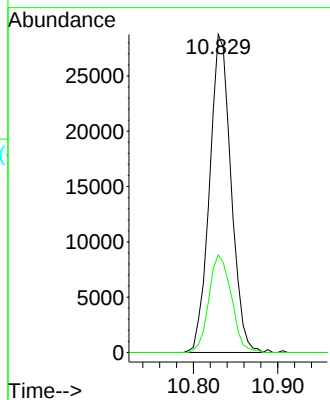
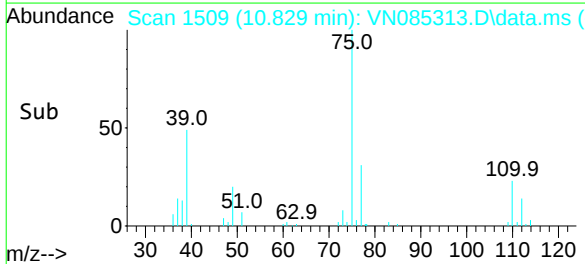
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01



Tgt Ion: 75 Resp: 51013
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

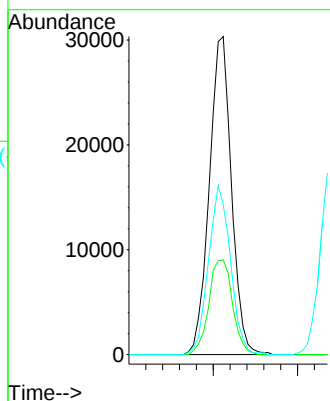
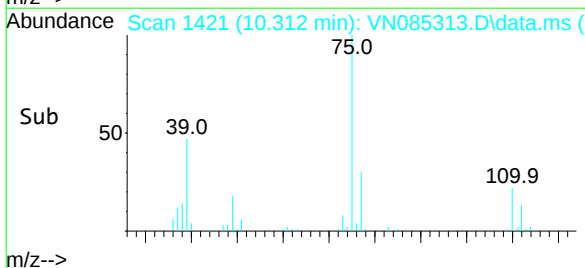
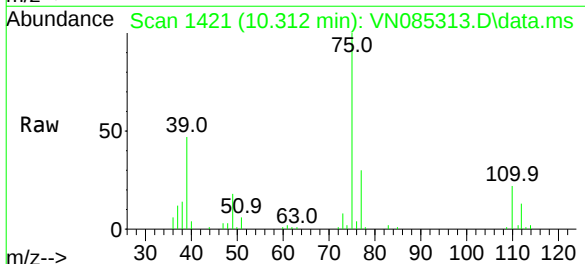
Manual Integrations
APPROVED

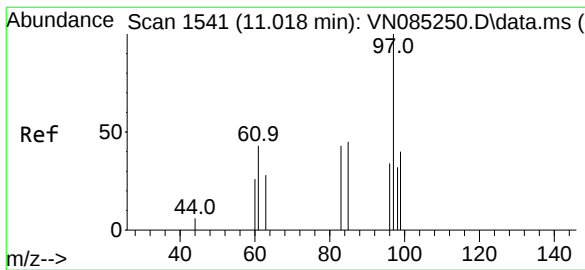
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#54
cis-1,3-Dichloropropene
Concen: 18.964 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

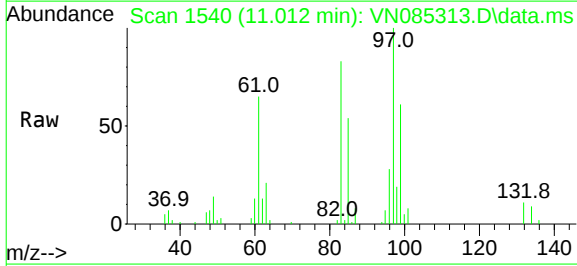
Tgt Ion: 75 Resp: 55346
Ion Ratio Lower Upper
75 100
77 29.8 26.6 39.8
39 47.1 45.3 67.9





#55
1,1,2-Trichloroethane
Concen: 18.749 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

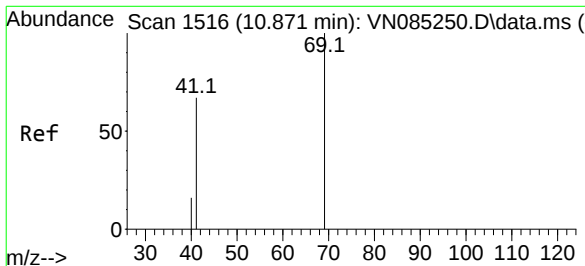
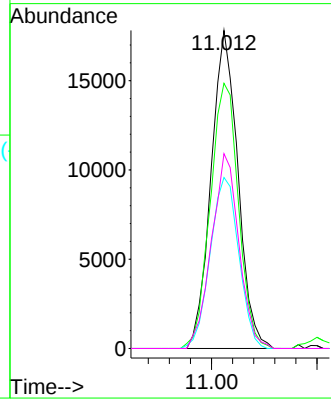
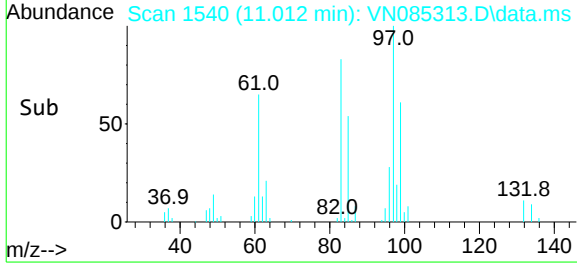
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.4	69.6	104.4
85	53.8	45.7	68.5
99	61.2	50.4	75.6

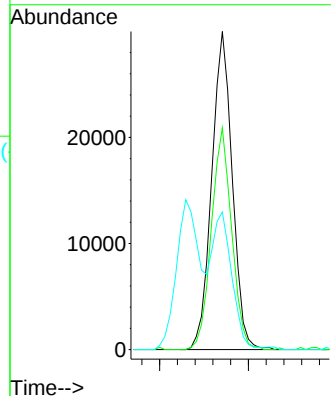
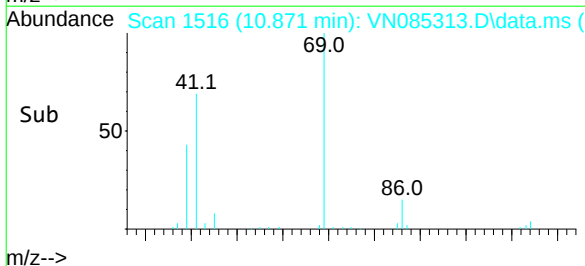
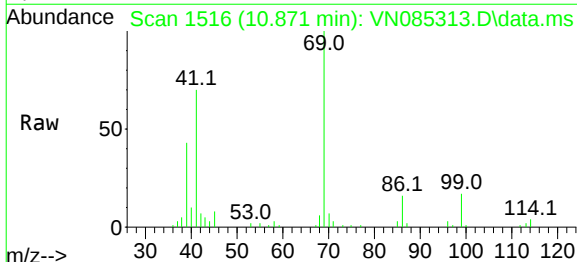
Manual Integrations
APPROVED

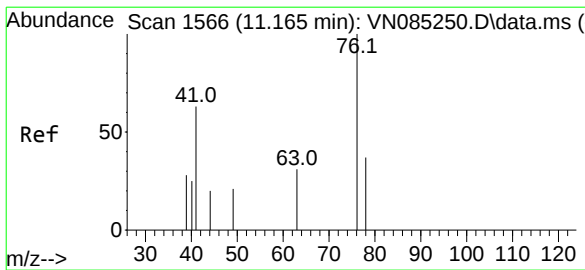
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#56
Ethyl methacrylate
Concen: 16.706 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

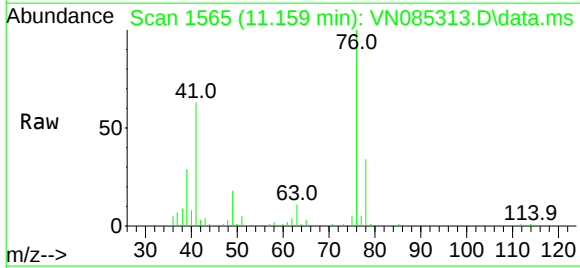
Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.7	57.5	86.3
39	40.2	33.4	50.2





#57
1,3-Dichloropropane
Concen: 19.031 ug/l
RT: 11.159 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

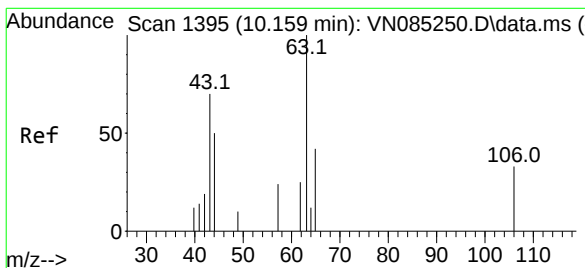
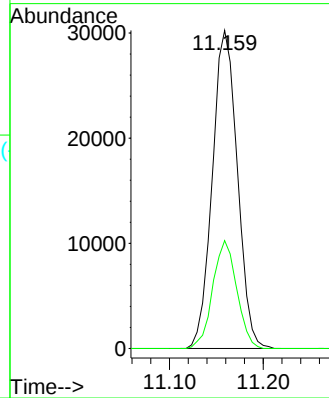
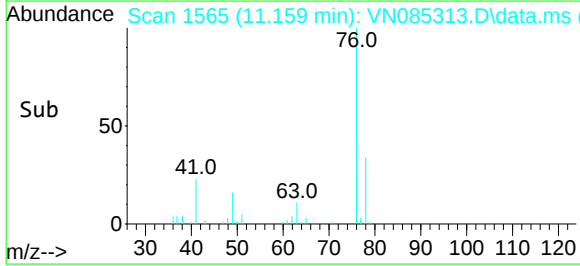
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01



Tgt Ion: 76 Resp: 56081
Ion Ratio Lower Upper
76 100
78 32.6 25.4 38.2

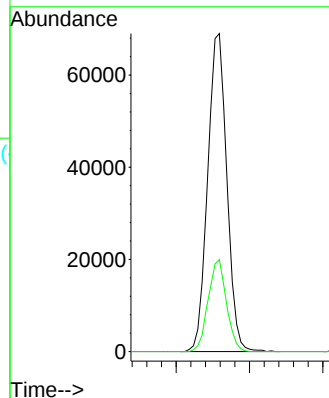
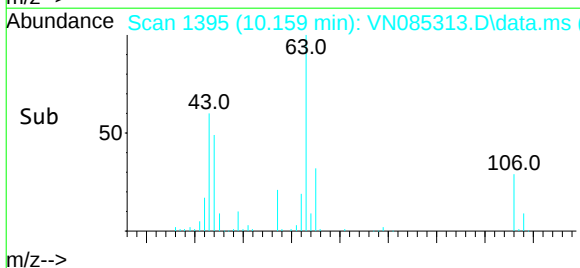
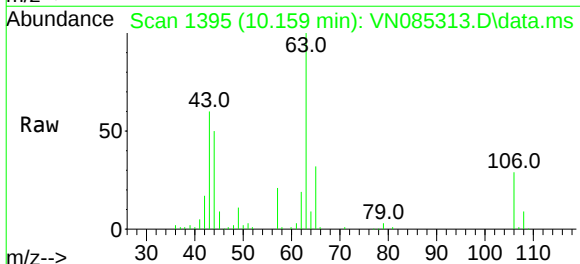
Manual Integrations
APPROVED

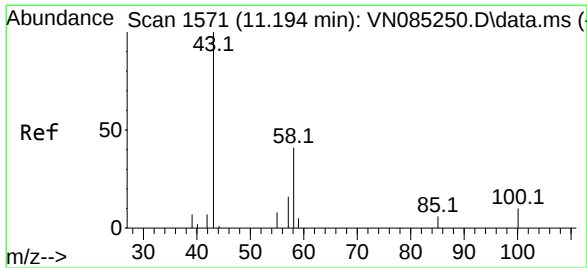
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#58
2-Chloroethyl Vinyl ether
Concen: 93.276 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Tgt Ion: 63 Resp: 125190
Ion Ratio Lower Upper
63 100
106 27.6 21.2 31.8





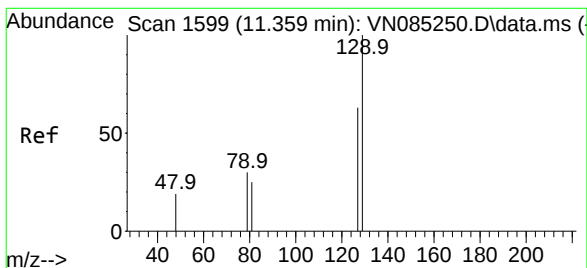
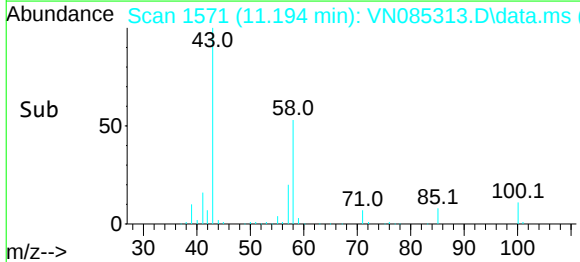
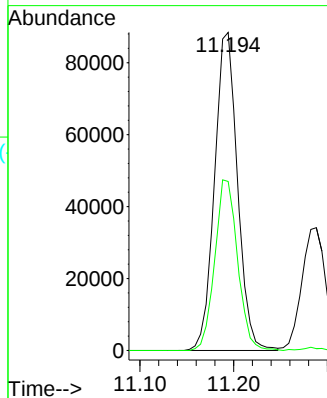
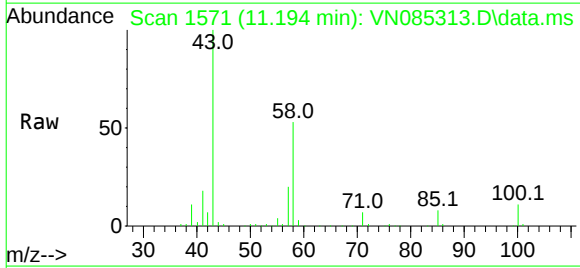
#59
2-Hexanone
Concen: 79.609 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01

Tgt Ion: 43 Resp: 150374
Ion Ratio Lower Upper
43 100
58 53.4 25.8 77.4

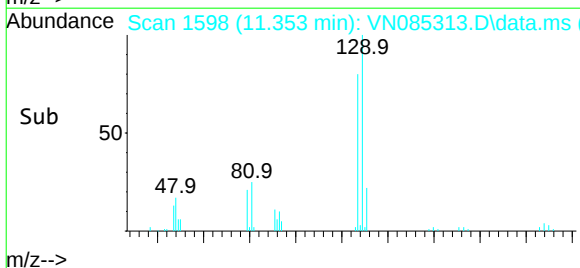
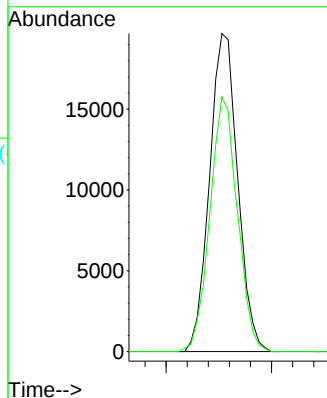
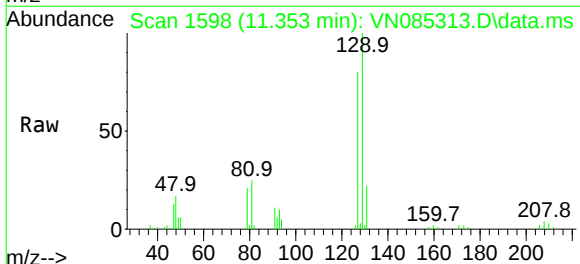
Manual Integrations
APPROVED

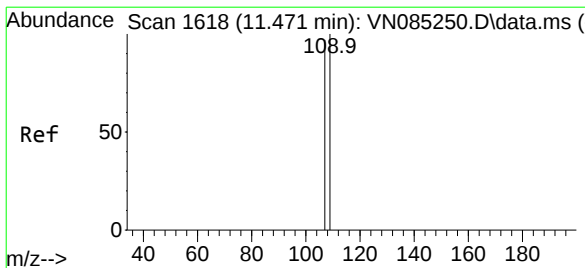
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#60
Dibromochloromethane
Concen: 18.373 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

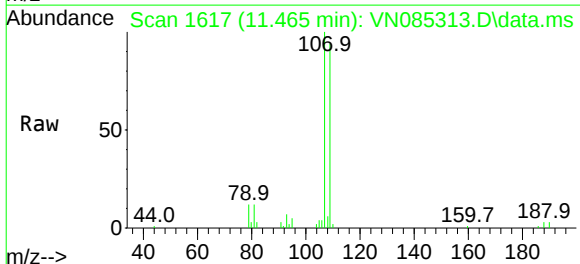
Tgt Ion:129 Resp: 36459
Ion Ratio Lower Upper
129 100
127 78.3 39.6 118.8





#61
1,2-Dibromoethane
Concen: 18.228 ug/l
RT: 11.465 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

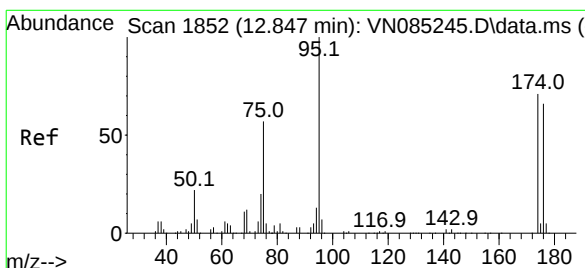
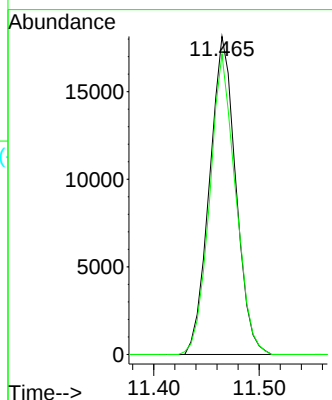
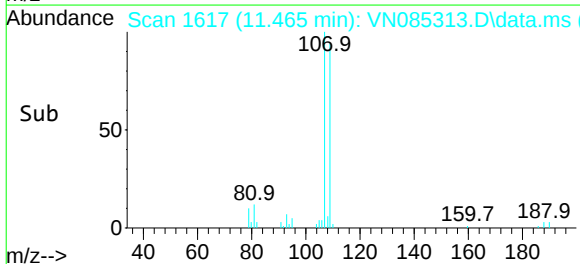
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01



Tgt Ion: 107 Resp: 31435
Ion Ratio Lower Upper
107 100
109 92.9 74.2 111.4

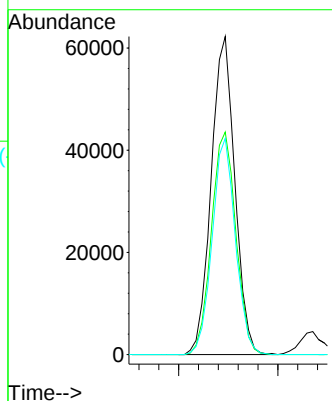
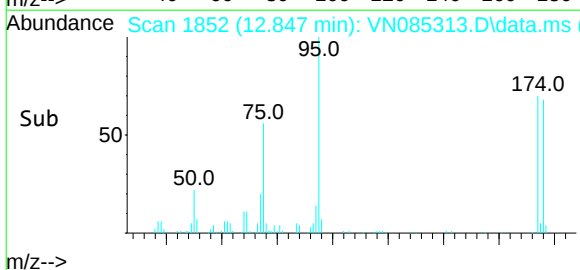
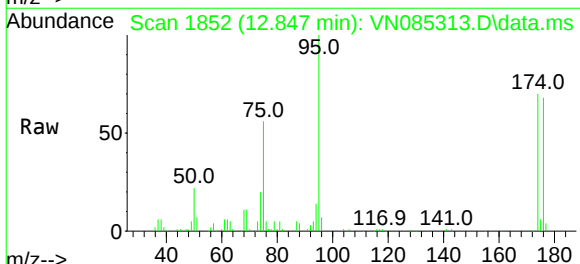
Manual Integrations
APPROVED

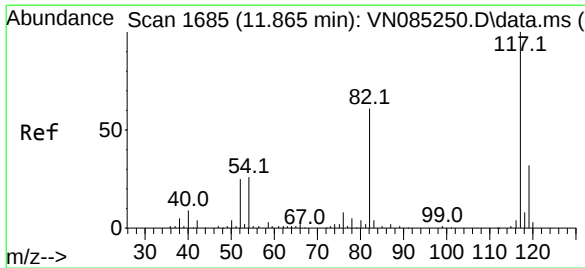
Reviewed By : John Carlone 12/27/2024
Supervised By : Mahesh Dadoda 12/27/2024



#62
4-Bromofluorobenzene
Concen: 46.066 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Tgt Ion: 95 Resp: 103239
Ion Ratio Lower Upper
95 100
174 72.3 0.0 144.4
176 66.7 0.0 136.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Instrument :

MSVOA_N

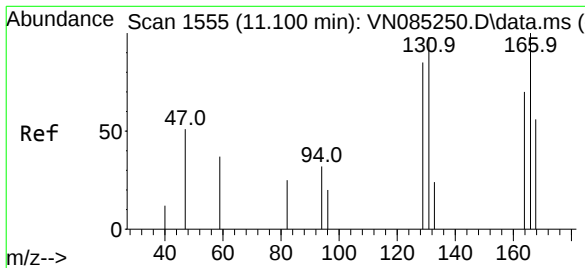
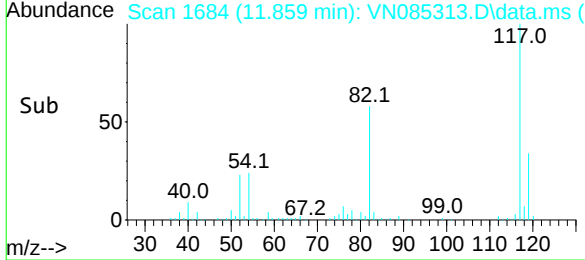
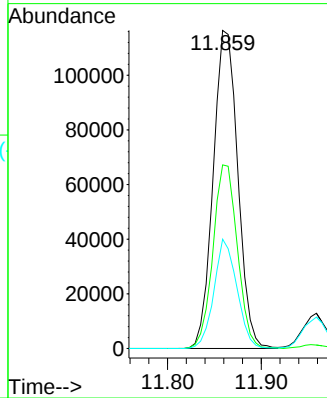
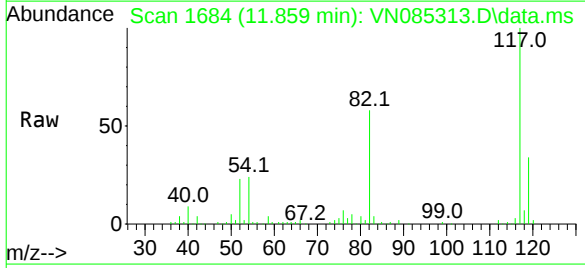
ClientSampleId :

VN1226WBSD01

Tgt Ion:117 Resp: 212429
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 34.4 25.6 38.4

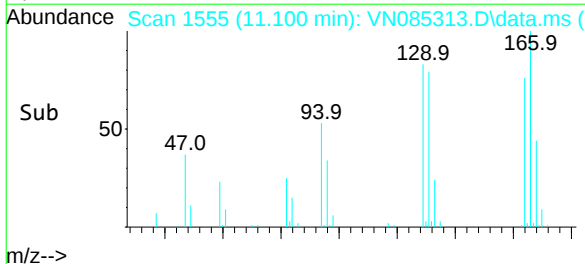
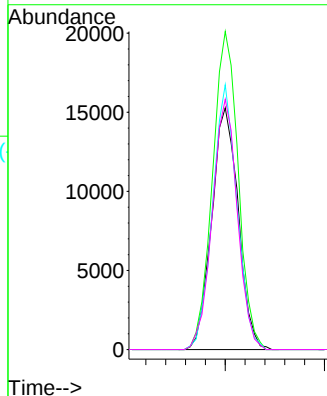
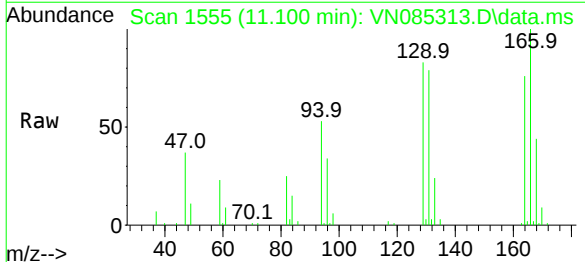
Manual Integrations
APPROVED

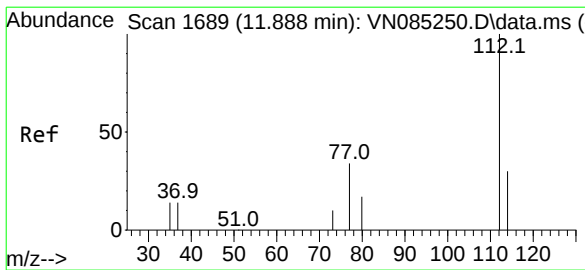
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#64
Tetrachloroethene
Concen: 19.787 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Tgt Ion:164 Resp: 28285
Ion Ratio Lower Upper
164 100
166 131.6 101.5 152.3
129 109.6 79.4 119.2
131 103.5 73.9 110.9





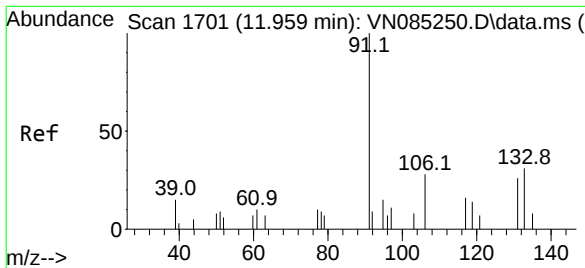
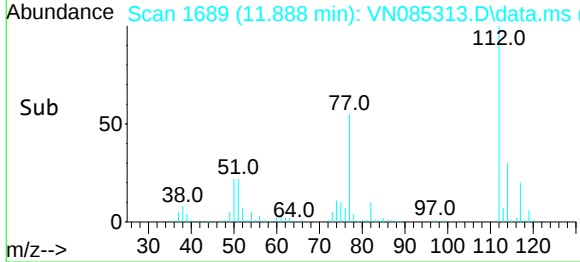
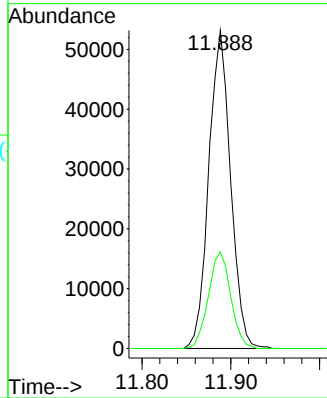
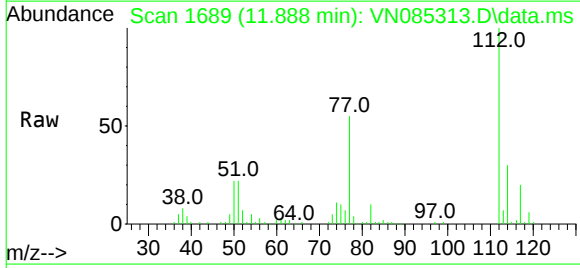
#65
Chlorobenzene
Concen: 18.970 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01

Tgt Ion:112 Resp: 90586
Ion Ratio Lower Upper
112 100
114 30.4 26.2 39.4

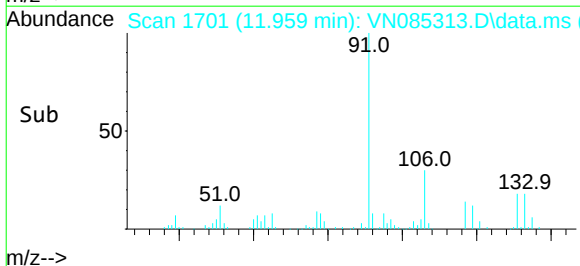
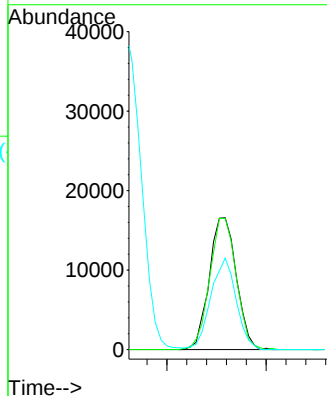
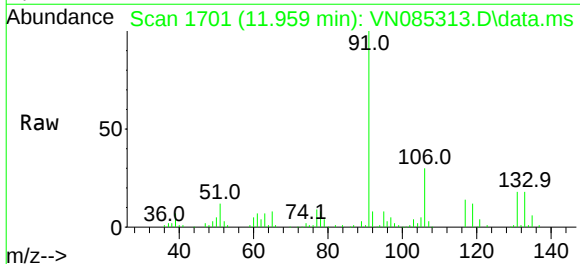
Manual Integrations
APPROVED

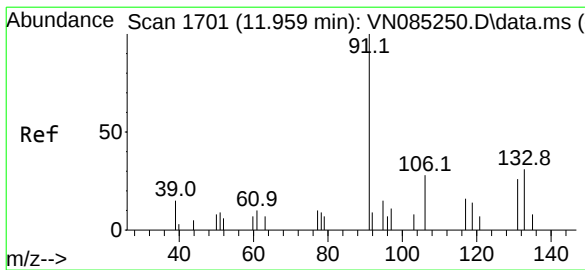
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.885 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Tgt Ion:131 Resp: 31462
Ion Ratio Lower Upper
131 100
133 97.2 48.6 145.8
119 64.9 32.5 97.5





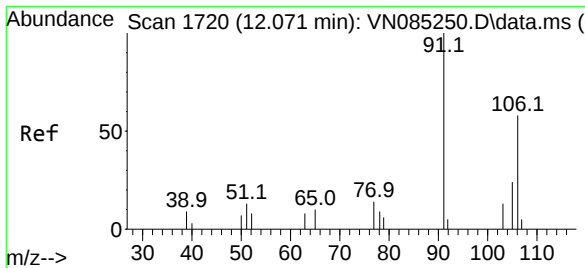
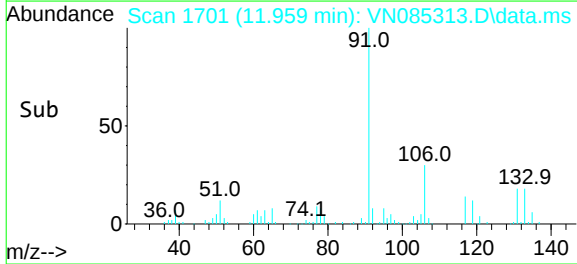
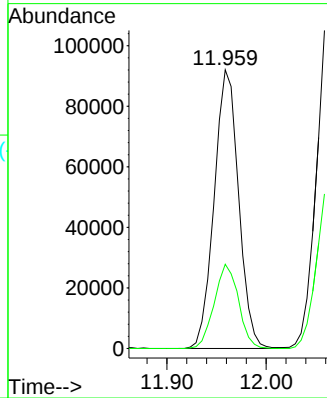
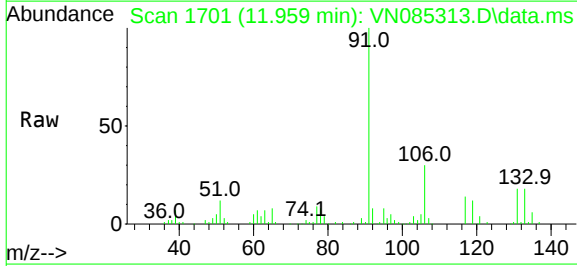
#67
Ethyl Benzene
Concen: 19.224 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01

Tgt Ion: 91 Resp: 157342
Ion Ratio Lower Upper
91 100
106 30.2 23.5 35.3

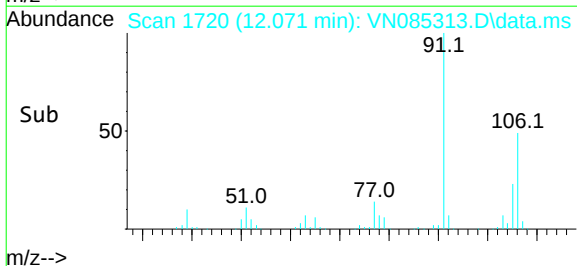
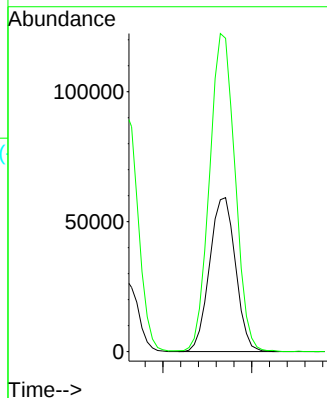
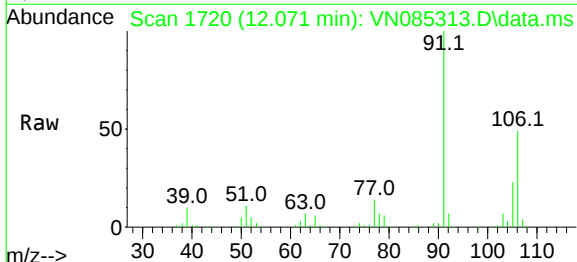
Manual Integrations
APPROVED

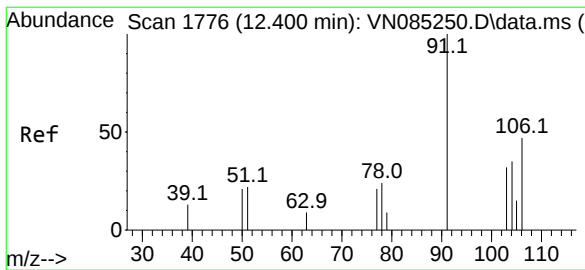
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#68
m/p-Xylenes
Concen: 39.304 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Tgt Ion:106 Resp: 120313
Ion Ratio Lower Upper
106 100
91 203.5 168.3 252.5





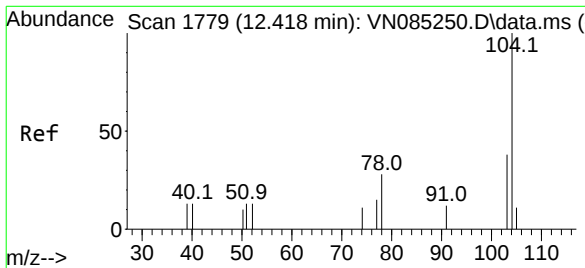
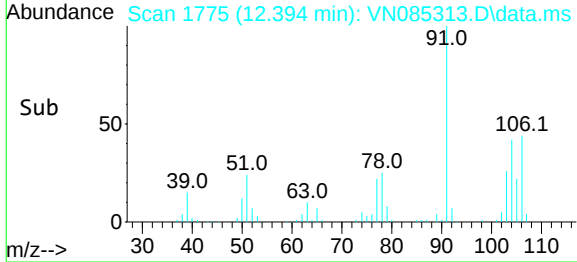
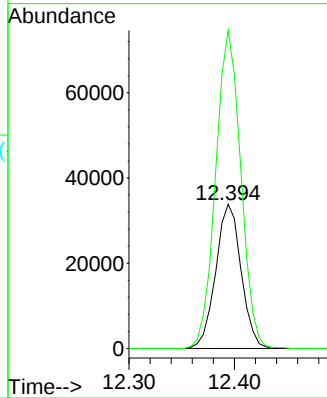
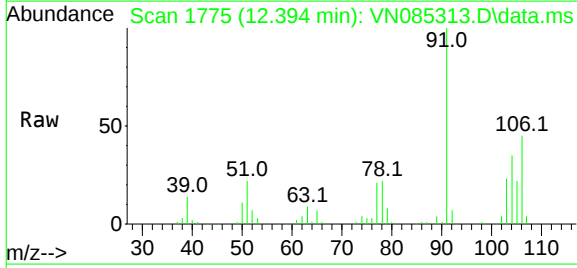
#69
o-Xylene
Concen: 19.625 ug/l
RT: 12.394 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01

Tgt Ion:106 Resp: 56468
Ion Ratio Lower Upper
106 100
91 219.5 112.1 336.2

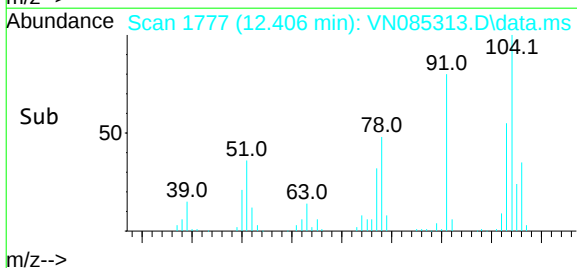
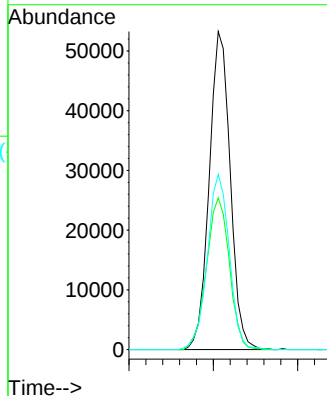
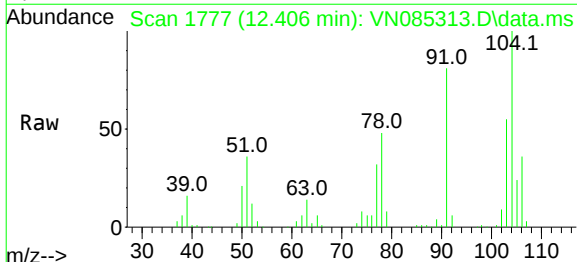
Manual Integrations
APPROVED

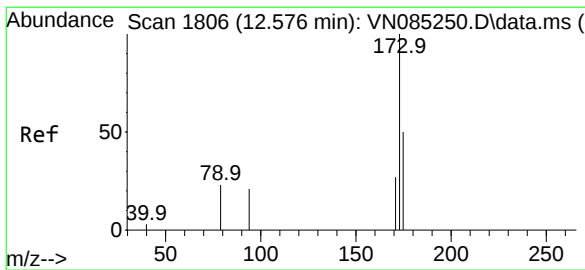
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#70
Styrene
Concen: 19.202 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Tgt Ion:104 Resp: 92235
Ion Ratio Lower Upper
104 100
78 52.1 43.2 64.8
103 57.2 44.6 66.8





#71

Bromoform

Concen: 16.743 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085313.D

Acq: 26 Dec 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBSD01

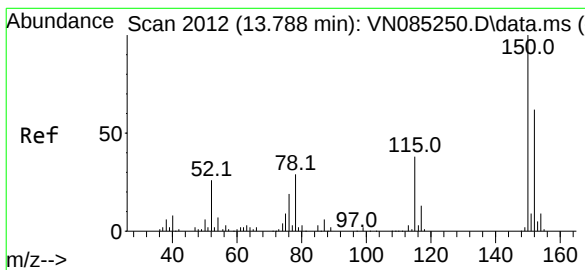
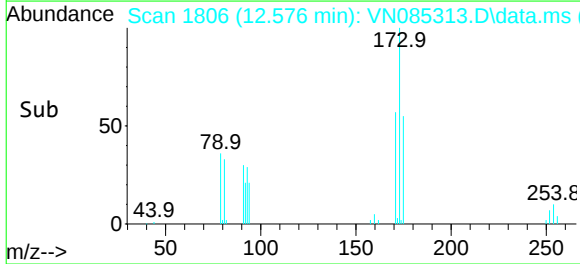
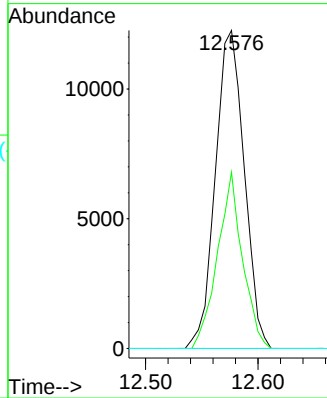
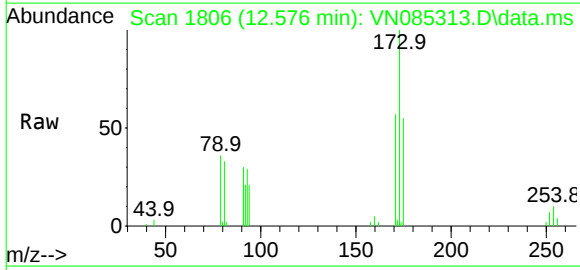
Tgt Ion:	173	Resp:	21864
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.5	73.5
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

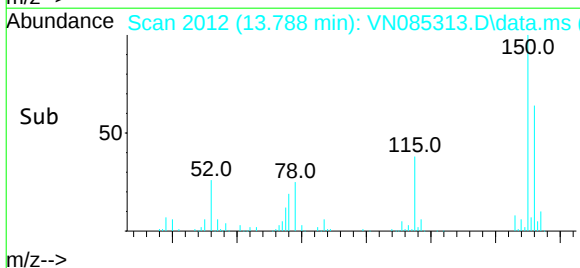
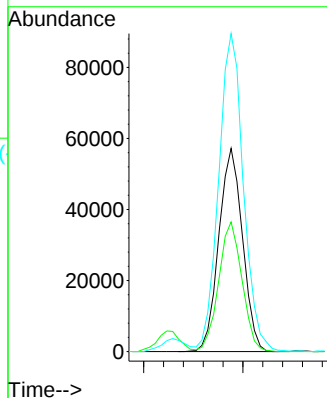
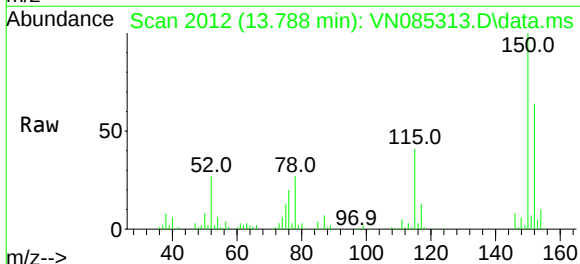
RT: 13.788 min Scan# 2012

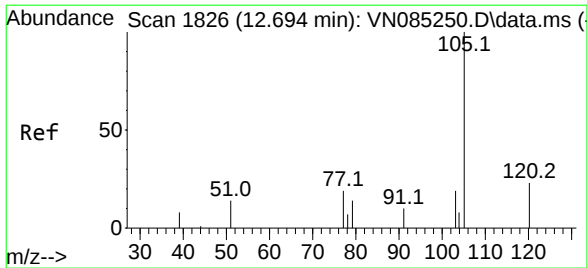
Delta R.T. -0.000 min

Lab File: VN085313.D

Acq: 26 Dec 2024 13:25

Tgt Ion:	152	Resp:	94893
Ion Ratio	Lower	Upper	
152	100		
115	62.9	32.1	96.3
150	163.8	0.0	354.6





#73

Isopropylbenzene

Concen: 20.746 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085313.D

Acq: 26 Dec 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBSD01

Tgt Ion: 105 Resp: 142016

Ion Ratio Lower Upper

105 100

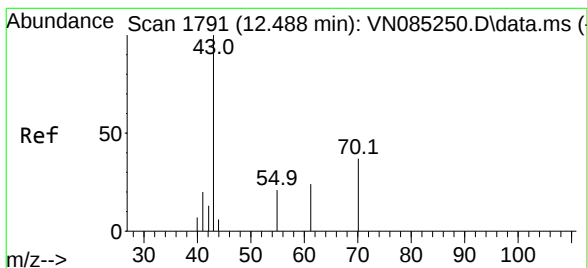
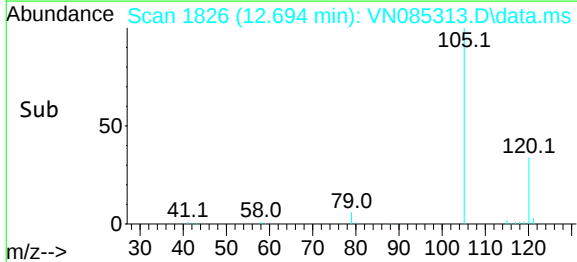
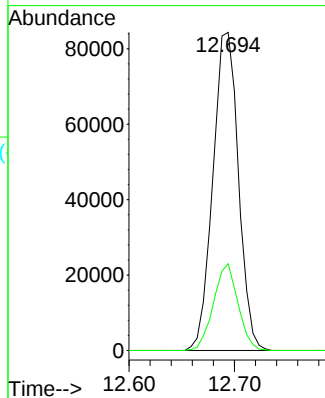
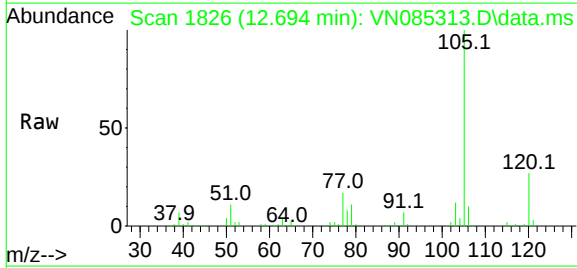
120 26.1 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#74

N-ethyl acetate

Concen: 17.832 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VN085313.D

Acq: 26 Dec 2024 13:25

Tgt Ion: 43 Resp: 60967

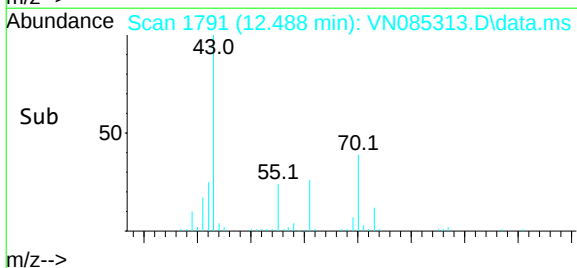
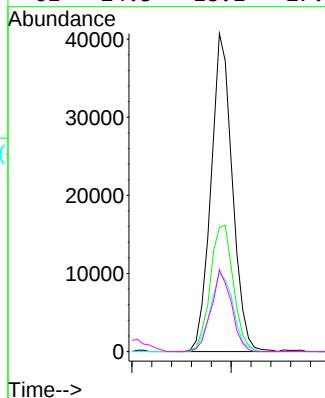
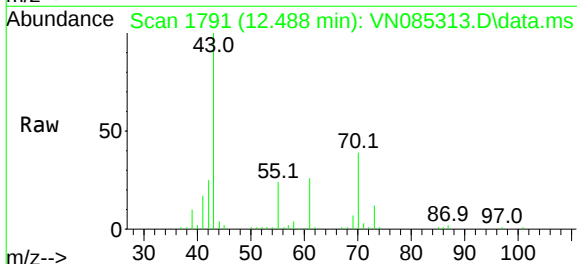
Ion Ratio Lower Upper

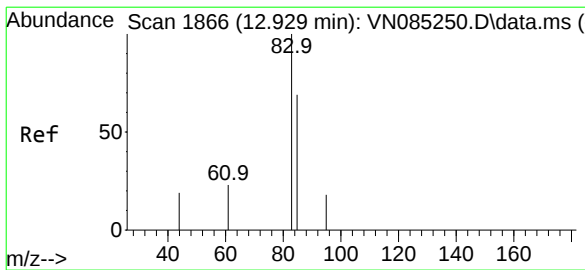
43 100

70 42.6 31.5 47.3

55 26.6 19.0 28.4

61 24.3 18.1 27.1





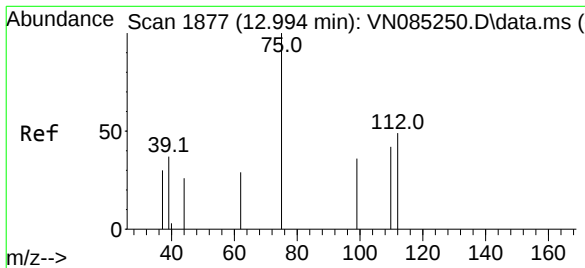
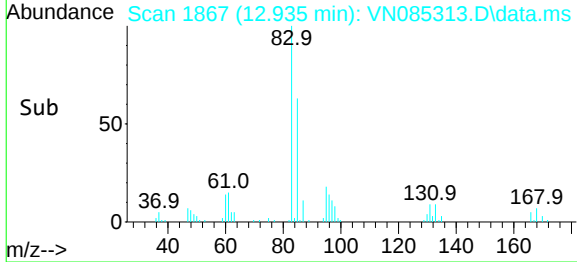
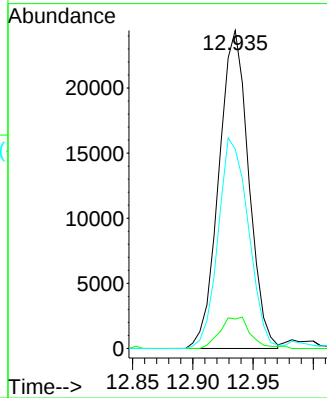
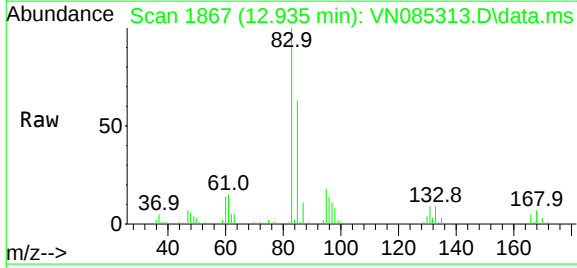
#75
1,1,2,2-Tetrachloroethane
Concen: 17.233 ug/l
RT: 12.935 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01

Tgt Ion:	83	Resp:	42030
Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.7	14.1
85	67.4	32.5	97.4

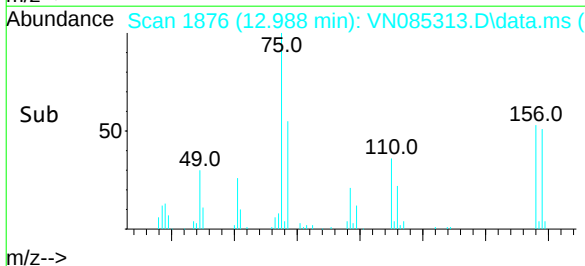
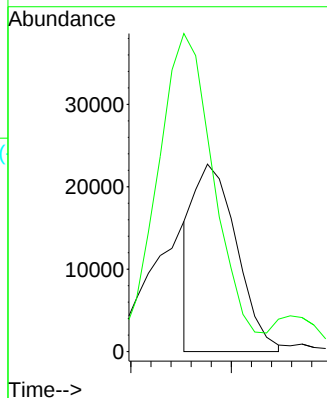
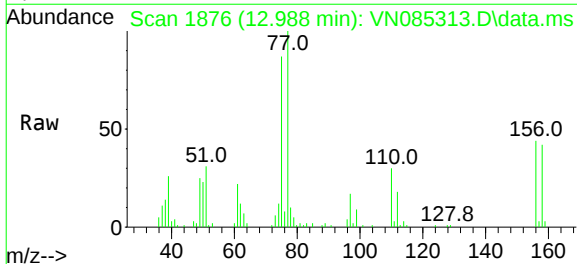
Manual Integrations
APPROVED

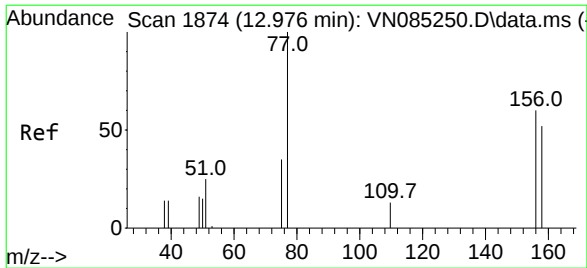
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#76
1,2,3-Trichloropropane
Concen: 14.977 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Tgt Ion:	75	Resp:	33878
Ion	Ratio	Lower	Upper
75	100		
77	227.5	102.6	307.7





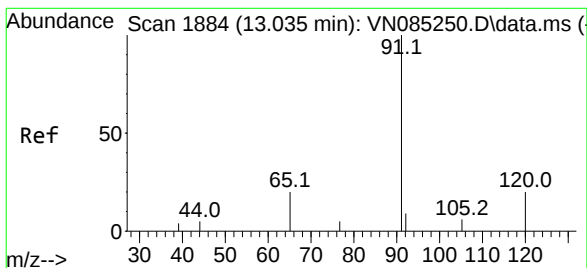
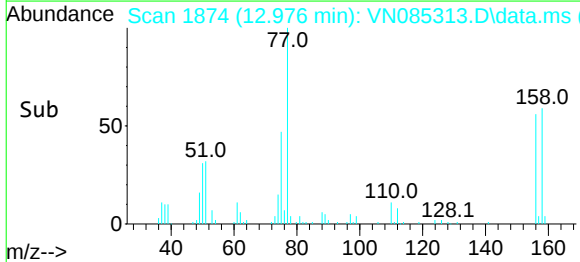
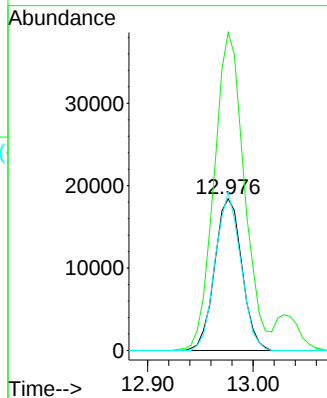
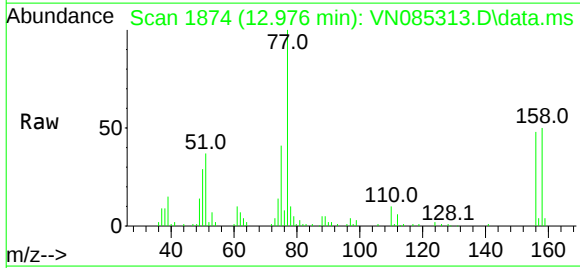
#77
Bromobenzene
Concen: 18.411 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01

Tgt Ion:156 Resp: 33090
Ion Ratio Lower Upper
156 100
77 232.9 115.8 347.3
158 97.7 47.9 143.7

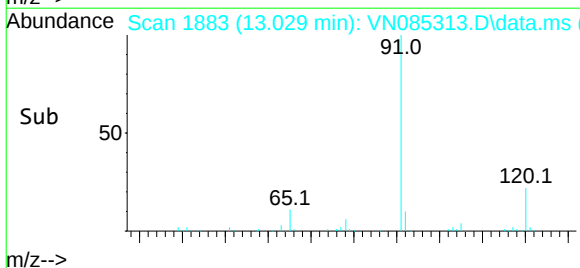
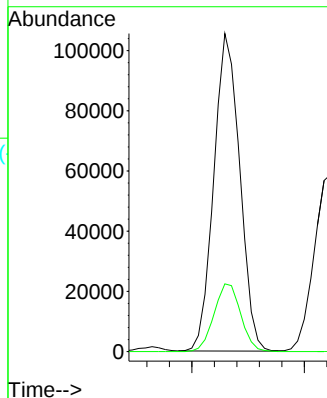
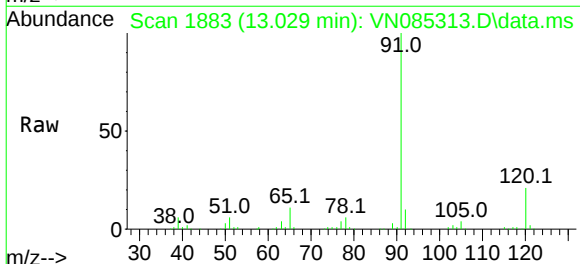
Manual Integrations
APPROVED

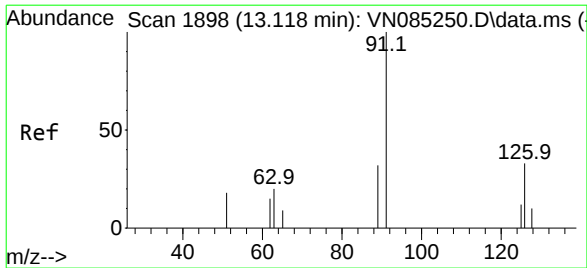
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#78
n-propylbenzene
Concen: 20.119 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Tgt Ion: 91 Resp: 168905
Ion Ratio Lower Upper
91 100
120 21.9 10.8 32.3





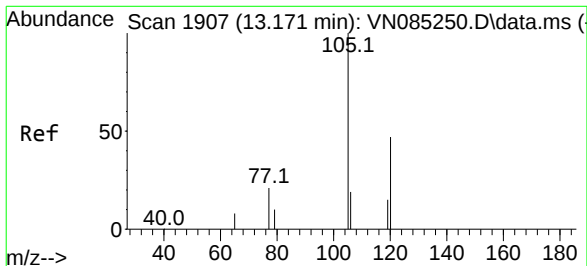
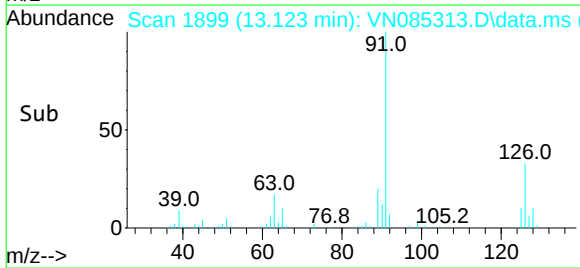
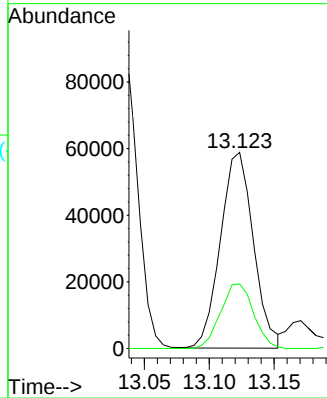
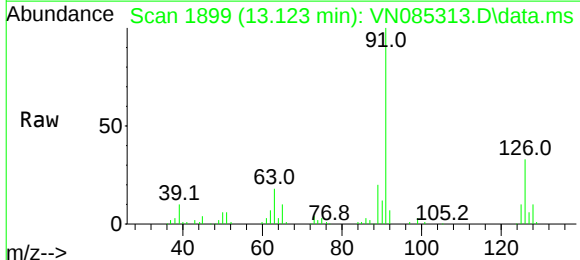
#79
2-Chlorotoluene
Concen: 19.543 ug/l
RT: 13.123 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01

Tgt Ion: 91 Resp: 104171
Ion Ratio Lower Upper
91 100
126 32.8 15.2 45.5

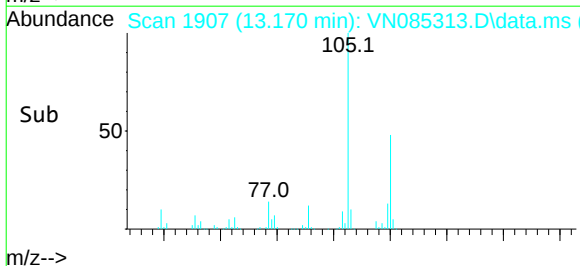
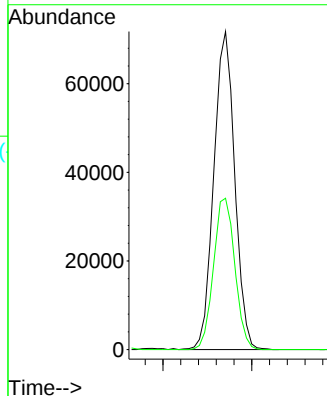
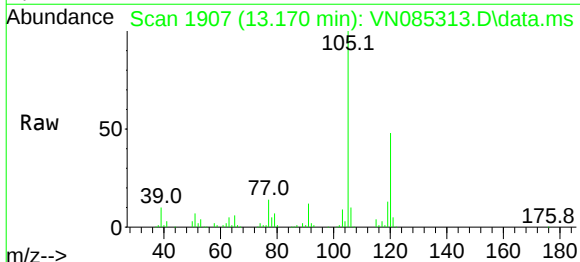
Manual Integrations
APPROVED

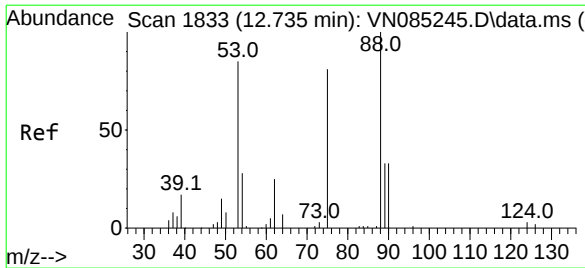
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.562 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Tgt Ion:105 Resp: 117403
Ion Ratio Lower Upper
105 100
120 48.5 23.4 70.2





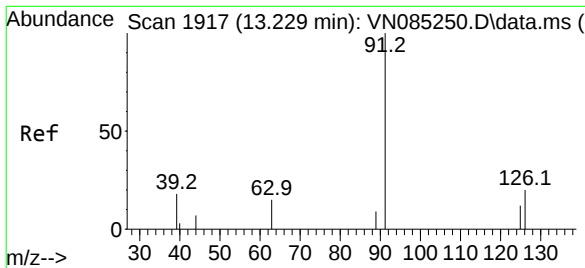
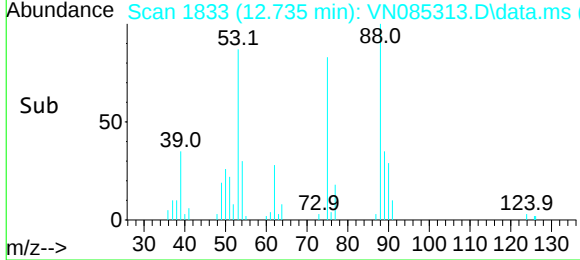
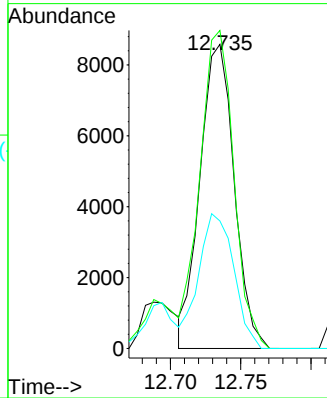
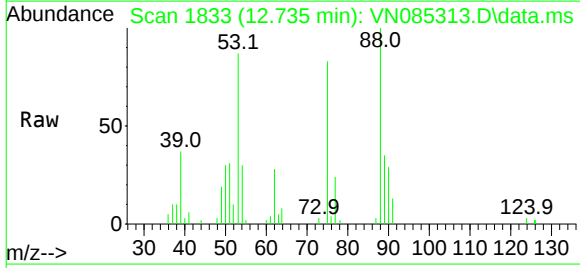
#81
trans-1,4-Dichloro-2-butene
Concen: 17.032 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	104.0	84.9	127.3
89	45.8	37.9	56.9

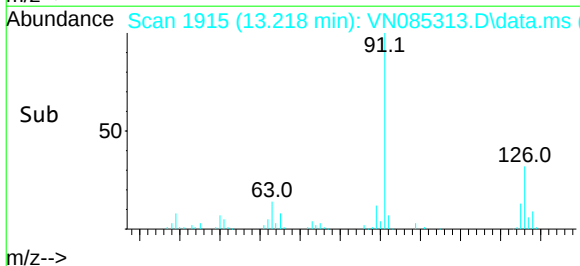
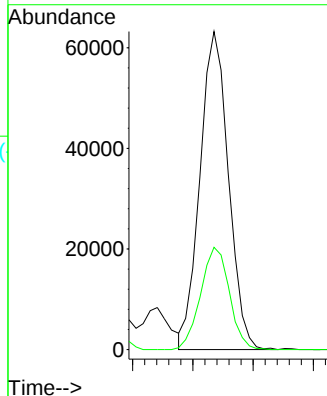
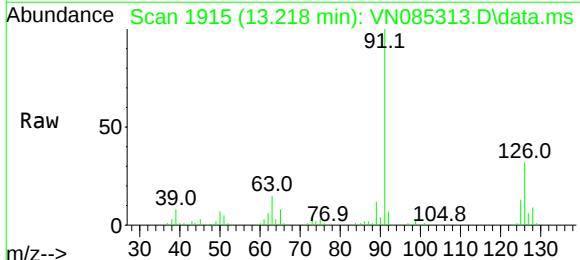
Manual Integrations
APPROVED

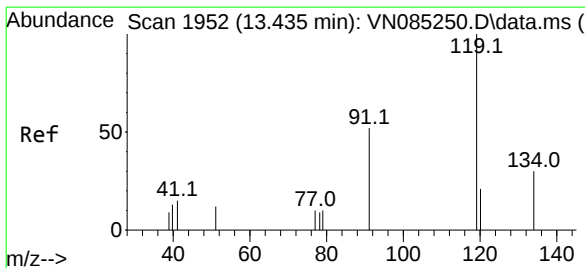
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#82
4-Chlorotoluene
Concen: 19.254 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

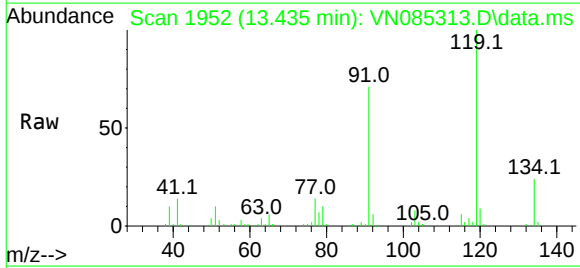
Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	15.6	46.8





#83
tert-Butylbenzene
Concen: 20.534 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

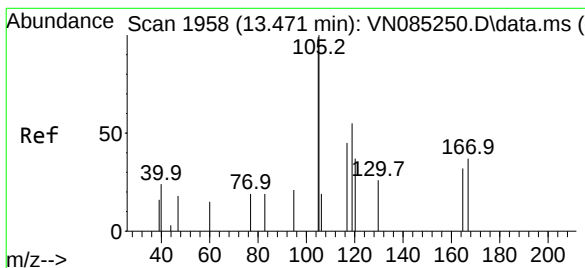
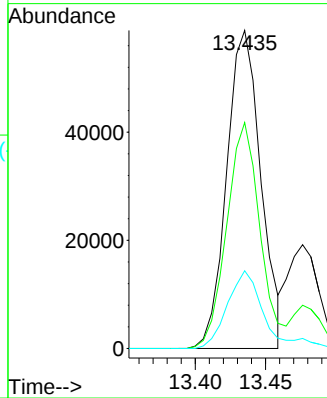
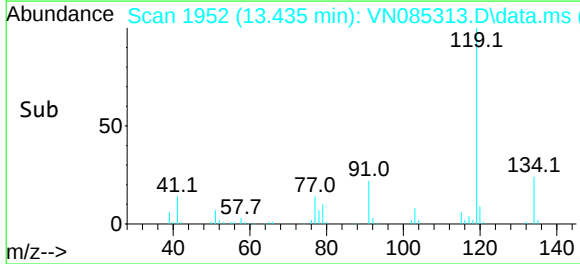
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01



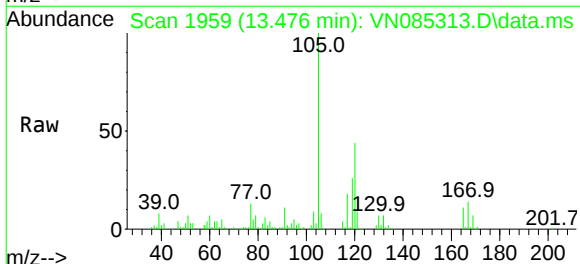
Tgt Ion:119 Resp: 99429
Ion Ratio Lower Upper
119 100
91 69.6 36.3 108.7
134 26.2 12.2 36.6

Manual Integrations
APPROVED

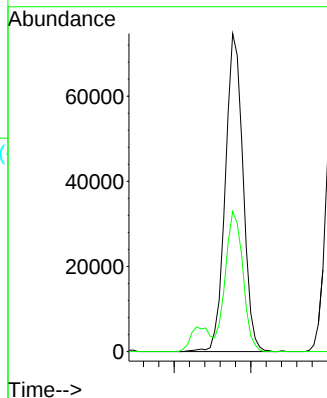
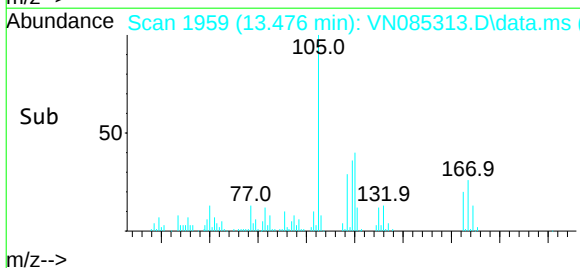
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

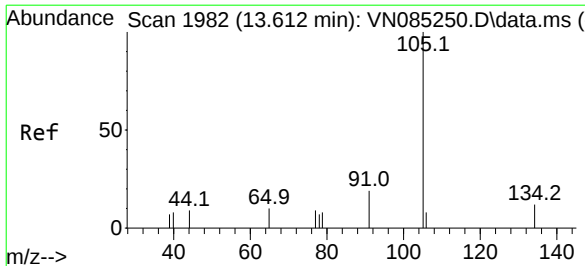


#84
1,2,4-Trimethylbenzene
Concen: 20.502 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25



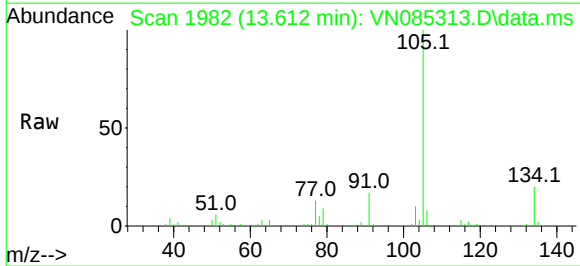
Tgt Ion:105 Resp: 119654
Ion Ratio Lower Upper
105 100
120 43.6 21.8 65.3





#85
sec-Butylbenzene
Concen: 20.863 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

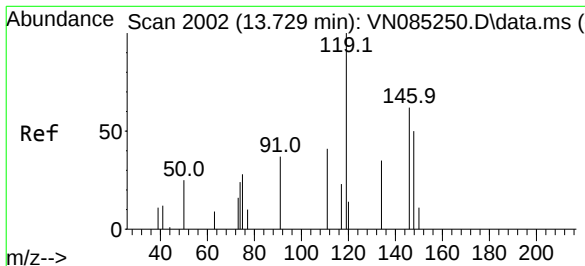
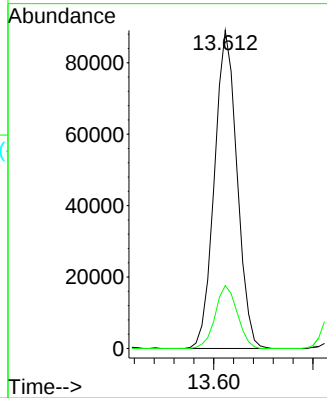
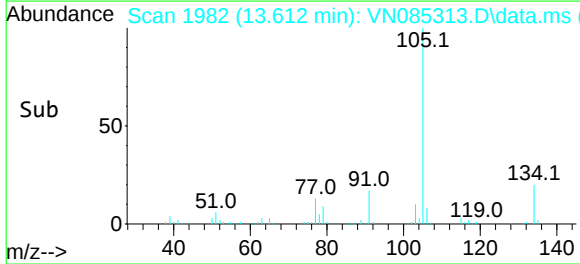
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01



Tgt Ion:105 Resp: 140841
Ion Ratio Lower Upper
105 100
134 19.3 9.4 28.3

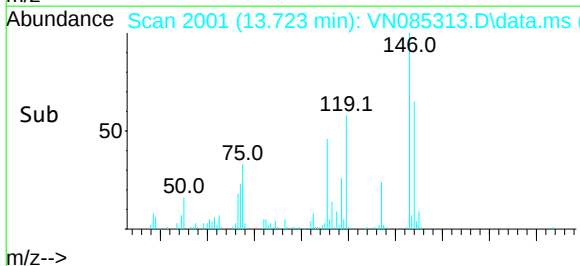
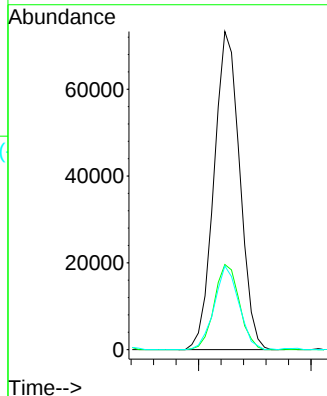
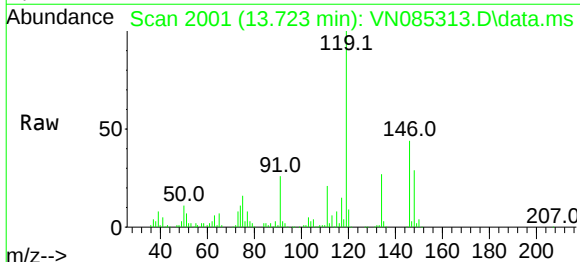
Manual Integrations
APPROVED

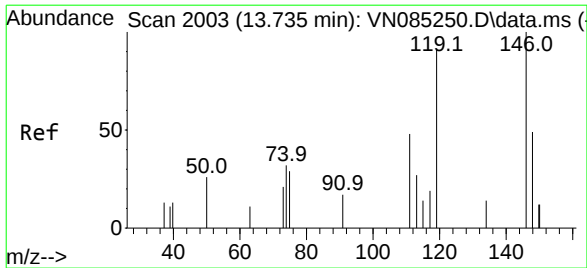
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#86
p-Isopropyltoluene
Concen: 19.072 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Tgt Ion:119 Resp: 116395
Ion Ratio Lower Upper
119 100
134 26.0 12.5 37.5
91 25.1 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 18.838 ug/l

RT: 13.729 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN085313.D

Acq: 26 Dec 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBSD01

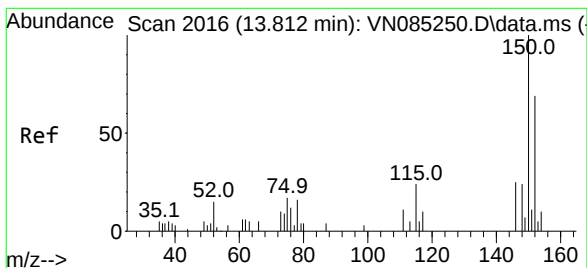
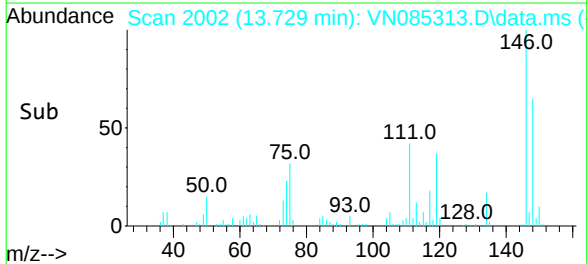
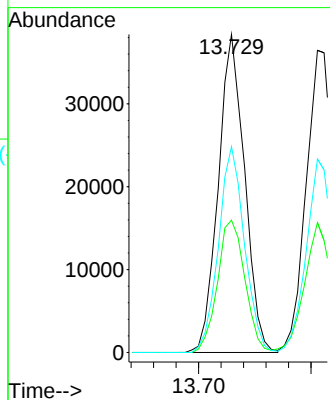
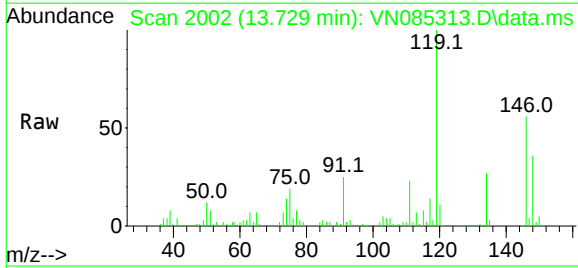
Tgt Ion:	146	Resp:	62350
Ion Ratio	Lower	Upper	
146	100		
111	43.3	21.5	64.5
148	63.8	31.4	94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#88

1,4-Dichlorobenzene

Concen: 18.196 ug/l

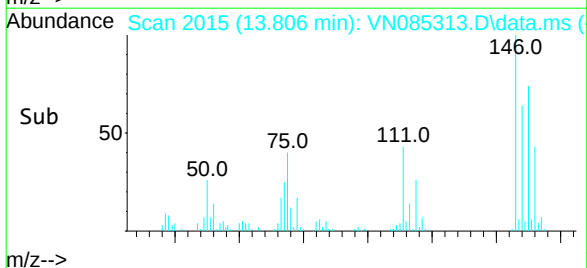
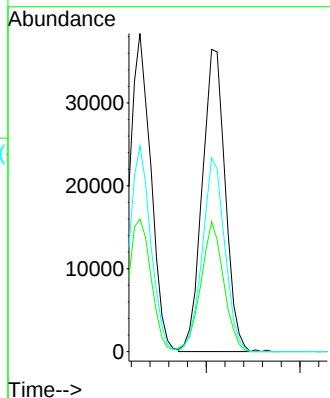
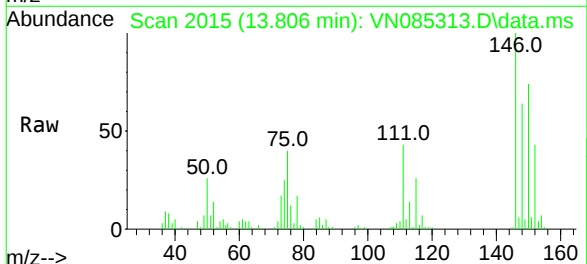
RT: 13.806 min Scan# 2015

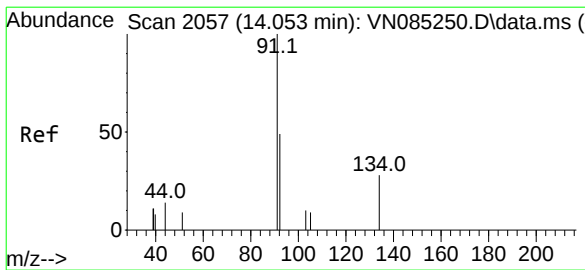
Delta R.T. -0.006 min

Lab File: VN085313.D

Acq: 26 Dec 2024 13:25

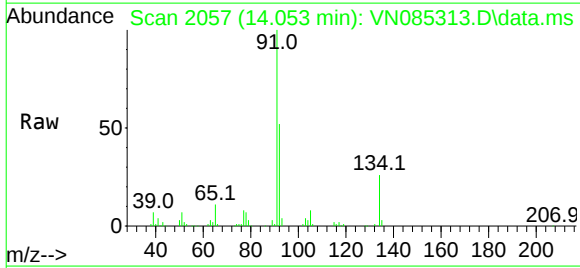
Tgt Ion:	146	Resp:	62317
Ion Ratio	Lower	Upper	
146	100		
111	42.5	20.8	62.5
148	62.5	31.9	95.9





#89
n-Butylbenzene
Concen: 20.008 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

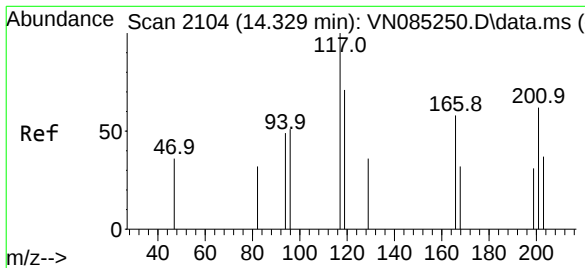
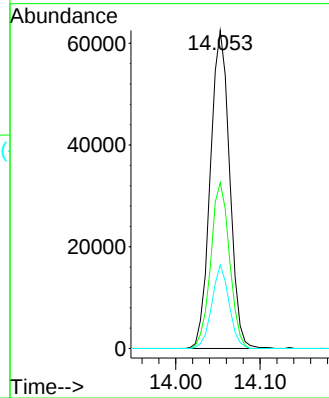
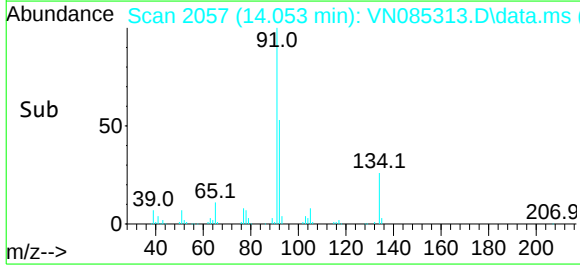
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01



Tgt Ion: 91 Resp: 99329
Ion Ratio Lower Upper
91 100
92 50.7 25.8 77.3
134 23.5 12.0 36.0

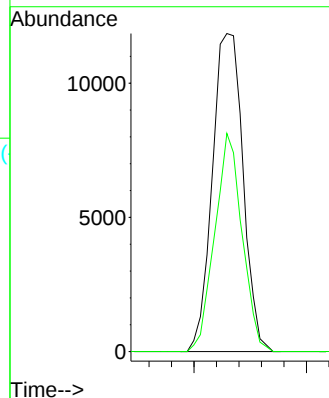
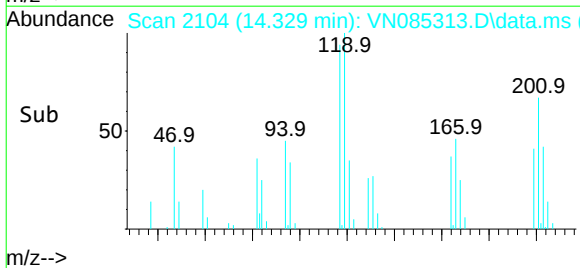
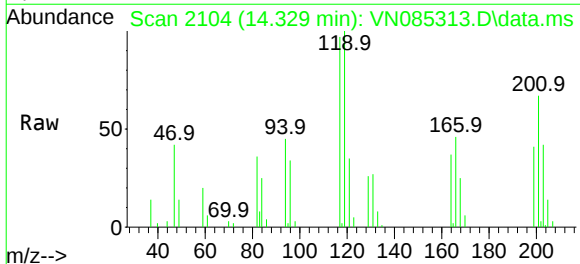
Manual Integrations
APPROVED

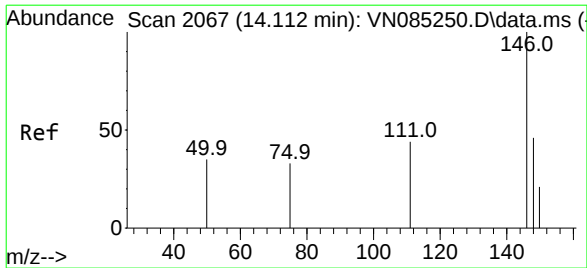
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#90
Hexachloroethane
Concen: 18.122 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

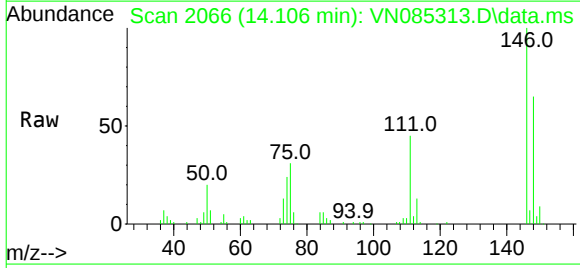
Tgt Ion:117 Resp: 22474
Ion Ratio Lower Upper
117 100
201 61.0 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 19.158 ug/l
RT: 14.106 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

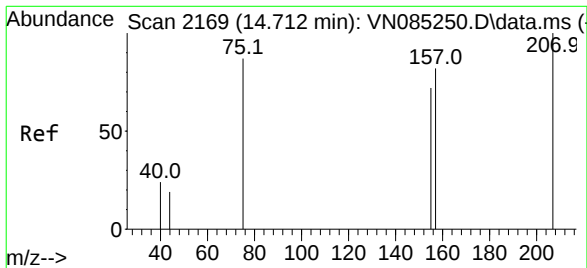
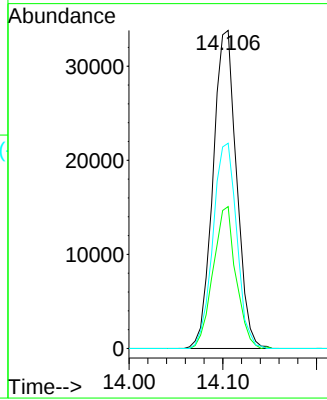
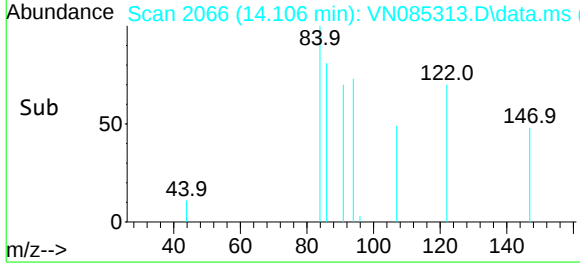
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBSD01



Tgt Ion: 146 Resp: 58977
Ion Ratio Lower Upper
146 100
111 43.4 22.1 66.1
148 65.2 31.9 95.9

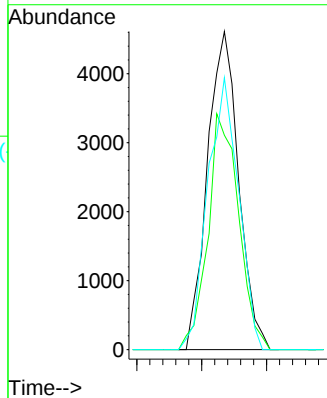
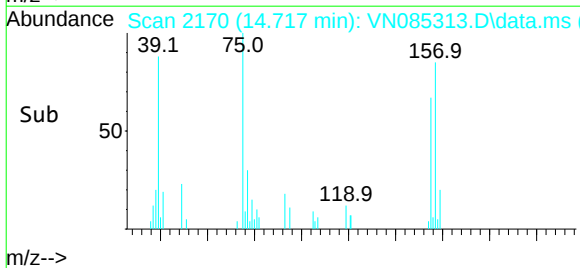
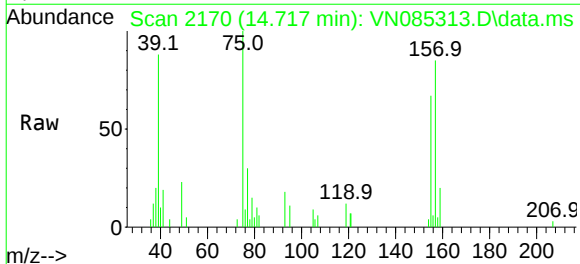
Manual Integrations
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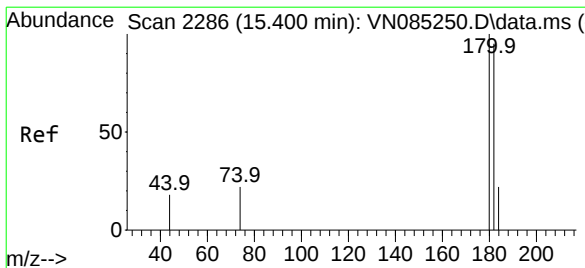
Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.501 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085313.D
Acq: 26 Dec 2024 13:25

Tgt Ion: 75 Resp: 7718
Ion Ratio Lower Upper
75 100
155 73.0 35.4 106.2
157 84.6 43.3 129.9





#93

1,2,4-Trichlorobenzene

Concen: 18.389 ug/l

RT: 15.388 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN085313.D

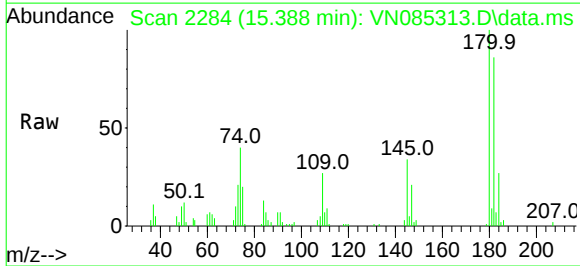
Acq: 26 Dec 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBSD01



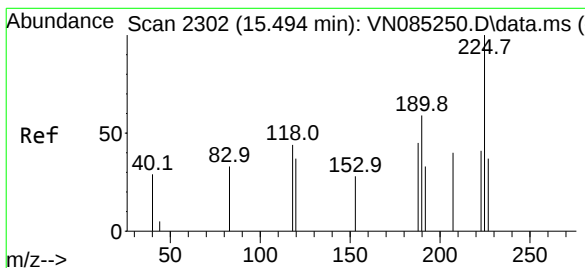
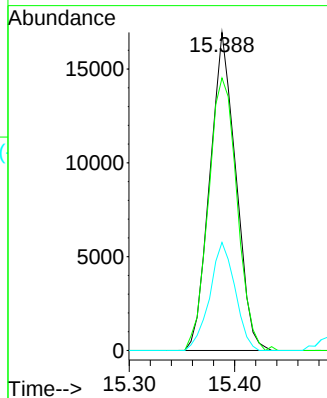
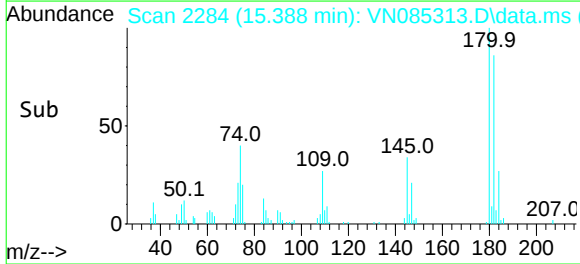
Tgt Ion:	180	Resp:	28978
Ion Ratio	Lower	Upper	
180	100		
182	94.5	46.3	138.8
145	33.1	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#94

Hexachlorobutadiene

Concen: 16.147 ug/l

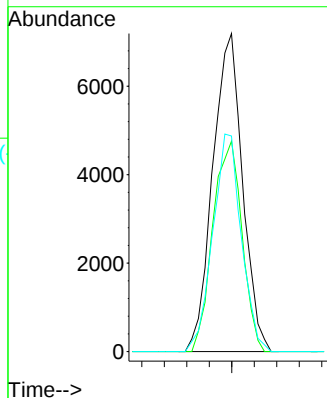
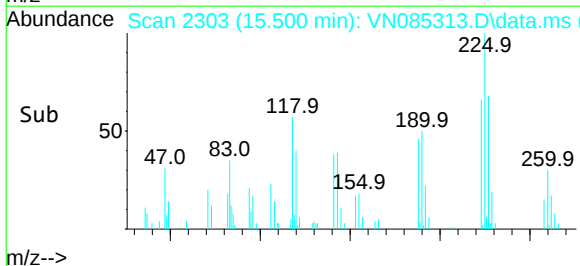
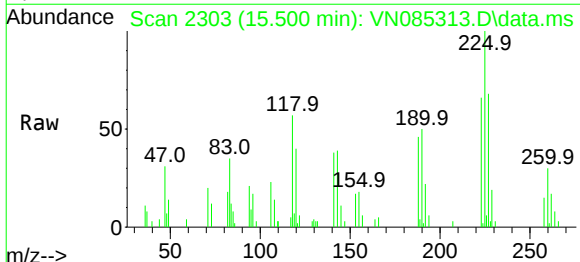
RT: 15.500 min Scan# 2303

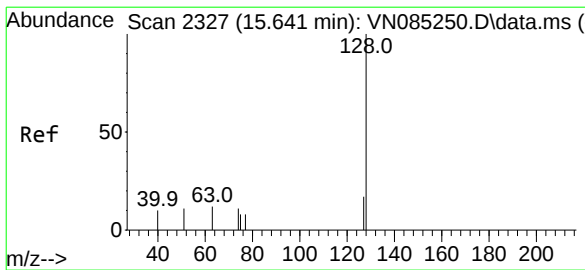
Delta R.T. 0.006 min

Lab File: VN085313.D

Acq: 26 Dec 2024 13:25

Tgt Ion:	225	Resp:	13225
Ion Ratio	Lower	Upper	
225	100		
223	64.6	34.1	102.2
227	65.5	33.2	99.6





#95

Naphthalene

Concen: 17.383 ug/l

RT: 15.635 min Scan# 23

Delta R.T. -0.006 min

Lab File: VN085313.D

Acq: 26 Dec 2024 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBSD01

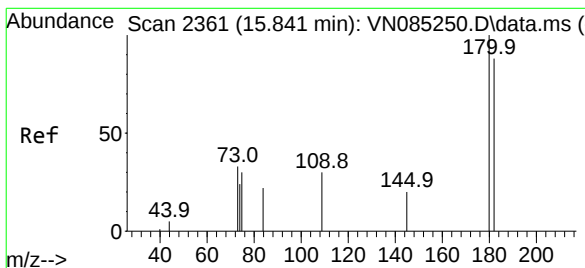
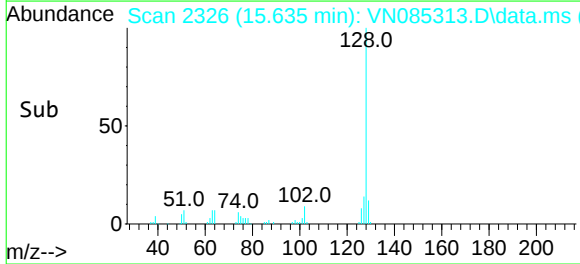
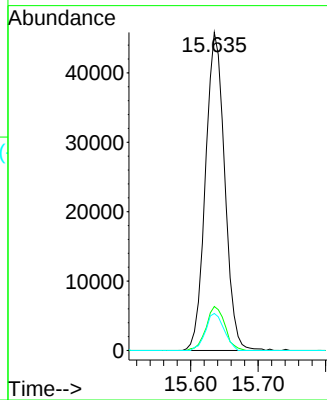
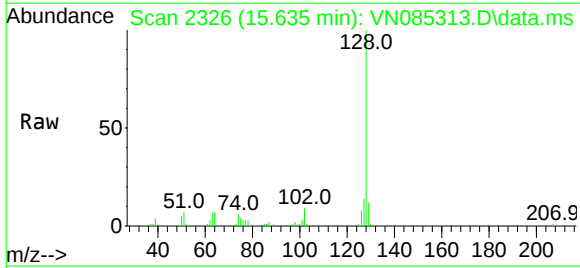
Tgt Ion:	128	Resp:	90717
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.3	15.5
129	11.2	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2024

Supervised By :Mahesh Dadoda 12/27/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.182 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085313.D

Acq: 26 Dec 2024 13:25

Tgt Ion:	180	Resp:	28618
Ion Ratio	Lower	Upper	
180	100		
182	92.8	46.9	140.6
145	33.2	17.6	52.8

