

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100424\
 Data File : VN084310.D
 Acq On : 04 Oct 2024 11:31
 Operator : JC\MD
 Sample : VN1004WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 04 22:57:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	30110	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	152943	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	144076	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	72077	26.188	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	87.300%#
60) 4-Bromofluorobenzene	12.847	95	71613	28.840	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.133%
63) Toluene-d8	10.565	98	197689	29.633	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.767%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33484	16.606	ug/l	99
3) Chloromethane	2.359	50	39523	18.865	ug/l	96
4) Vinyl Chloride	2.518	62	38268	17.768	ug/l	100
5) Bromomethane	2.965	94	25026	20.797	ug/l	94
6) Chloroethane	3.124	64	25639	17.777	ug/l	97
7) Trichlorofluoromethane	3.501	101	63237	17.513	ug/l	97
8) Diethyl Ether	3.959	74	23596	19.232	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	37583	19.377	ug/l	94
10) 1,1-Dichloroethene	4.342	96	33626	17.968	ug/l #	78
11) Methyl Iodide	4.589	142	47832	18.817	ug/l	93
12) Methyl Acetate	5.024	43	53859	23.864	ug/l #	80
13) Acrolein	4.183	56	34203	103.843	ug/l	98
14) Acrylonitrile	5.724	53	99193	108.606	ug/l #	82
15) Acetone	4.424	58	30108	99.376	ug/l	91
16) Carbon Disulfide	4.712	76	94199	17.811	ug/l	96
17) Allyl chloride	5.030	41	56229	17.134	ug/l	90
18) Methylene Chloride	5.277	84	40852	19.953	ug/l	91
19) trans-1,2-Dichloroethene	5.789	96	36563	18.851	ug/l	95
20) Diisopropyl ether	6.671	45	128068	19.324	ug/l	97
21) 1,1-Dichloroethane	6.565	63	74949	19.807	ug/l	96
22) cis-1,2-Dichloroethene	7.483	96	43820	18.563	ug/l	93
23) tert-Butyl Alcohol	5.518	59	36201	108.013	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	123020	18.498	ug/l #	91
25) Chloroform	7.965	83	76121	18.983	ug/l	98
26) Cyclohexane	8.253	56	55313	16.597	ug/l #	89
29) 1,1-Dichloropropene	8.371	75	49702	20.488	ug/l	98
30) 2-Butanone	7.483	43	136718	119.557	ug/l	96
31) 2,2-Dichloropropane	7.489	77	63104	20.403	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	65416	20.192	ug/l	96
33) Carbon Tetrachloride	8.359	117	56998	20.316	ug/l	96
34) Benzene	8.606	78	163783	22.502	ug/l	98
35) Methacrylonitrile	7.777	41	29933	23.285	ug/l	92
36) 1,2-Dichloroethane	8.671	62	57914	21.165	ug/l	97
37) Trichloroethene	9.347	130	37695	22.054	ug/l	90
38) Methylcyclohexane	9.600	83	54173	18.652	ug/l	94
39) 1,2-Dichloropropane	9.624	63	41405	23.636	ug/l	99
40) Dibromomethane	9.706	93	29131	22.743	ug/l	96
41) Bromodichloromethane	9.883	83	61064	22.419	ug/l	98
42) Vinyl Acetate	6.600	43	471140	100.208	ug/l	97

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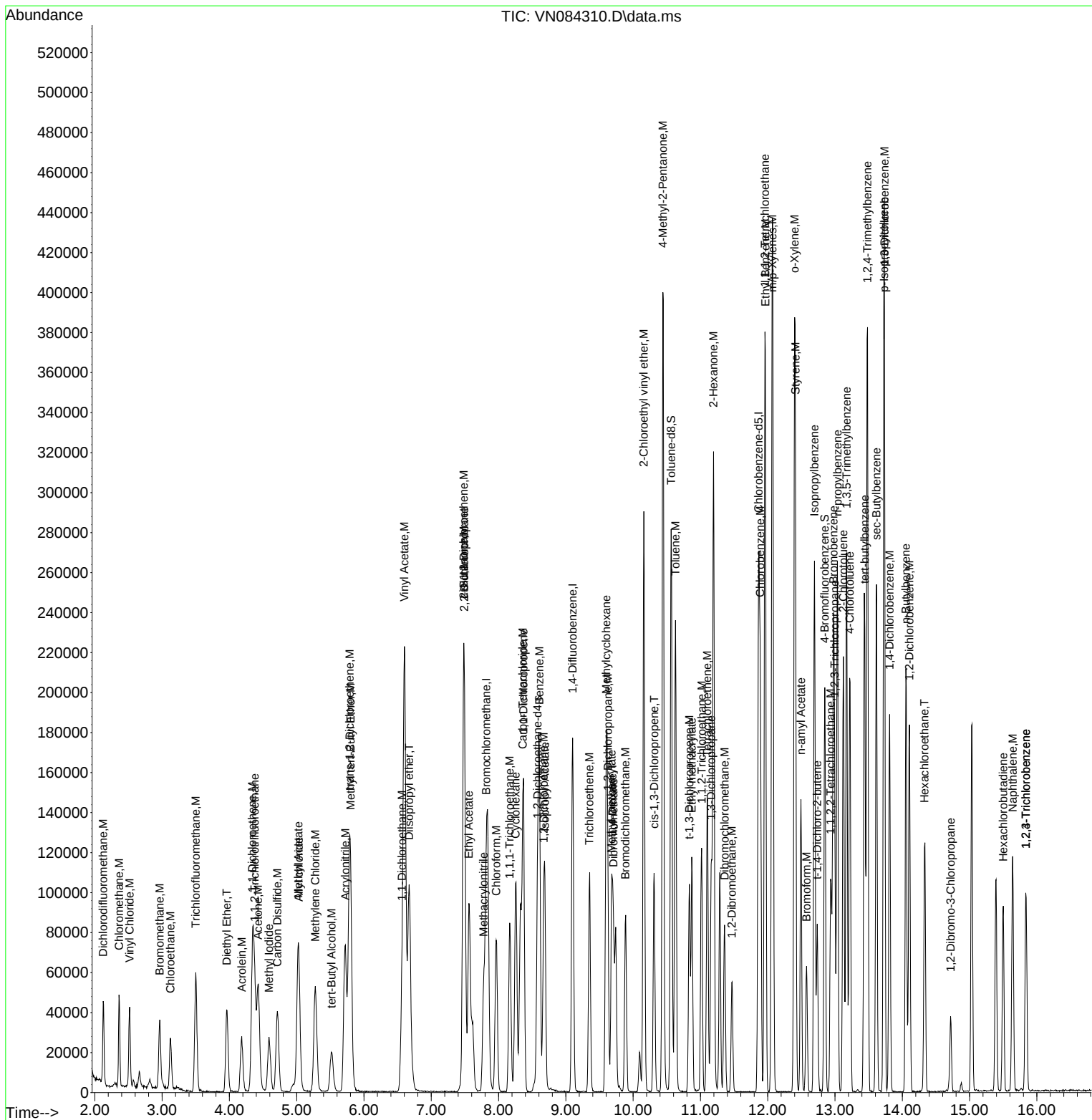
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	51995	22.590	ug/l	99
44) Isopropyl Acetate	8.688	43	90682	22.779	ug/l	90
45) 1,4-Dioxane	9.694	88	15835	509.979	ug/l #	90
46) Methyl methacrylate	9.677	41	42513	22.063	ug/l	85
47) n-amyl Acetate	12.494	43	76288	21.633	ug/l	94
48) t-1,3-Dichloropropene	10.835	75	60759	21.207	ug/l	95
49) cis-1,3-Dichloropropene	10.312	75	66287	22.246	ug/l	92
50) 1,1,2-Trichloroethane	11.018	97	39334	24.133	ug/l	94
51) Ethyl methacrylate	10.871	69	60586	21.758	ug/l	86
52) 1,3-Dichloropropane	11.159	76	67269	22.854	ug/l	100
53) Dibromochloromethane	11.359	129	45153	23.097	ug/l	100
54) 1,2-Dibromoethane	11.465	107	38446	22.801	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	126948	114.395	ug/l	97
56) Bromoform	12.576	173	29240	23.542	ug/l #	95
58) 4-Methyl-2-Pentanone	10.441	43	274446	120.134	ug/l #	89
59) 2-Hexanone	11.194	43	201927	116.978	ug/l #	89
61) Tetrachloroethene	11.100	164	33595	22.033	ug/l	93
62) Toluene	10.630	91	174684	21.094	ug/l	100
64) Chlorobenzene	11.888	112	105659	20.608	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	39608	22.176	ug/l	98
66) Ethyl Benzene	11.965	91	183598	19.496	ug/l	99
67) m/p-Xylenes	12.071	106	142525	41.136	ug/l	99
68) o-Xylene	12.400	106	68589	20.454	ug/l	100
69) Styrene	12.412	104	114869	20.274	ug/l	98
70) Isopropylbenzene	12.694	105	173419	19.597	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	55691	23.042	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	71652	33.813	ug/l	67
73) Bromobenzene	12.976	156	42952	21.132	ug/l	95
74) n-propylbenzene	13.035	91	206980	19.981	ug/l	99
75) 2-Chlorotoluene	13.123	91	128066	19.808	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	148215	20.051	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	18050	20.152	ug/l	92
78) 4-Chlorotoluene	13.218	91	131232	20.015	ug/l	99
79) tert-butylbenzene	13.441	119	125673	19.442	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	150546	20.154	ug/l	100
81) sec-Butylbenzene	13.618	105	172841	19.574	ug/l	100
82) p-Isopropyltoluene	13.729	119	143783	19.353	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	77352	19.773	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	76617	19.590	ug/l	98
85) n-Butylbenzene	14.053	91	120737	18.416	ug/l	98
86) Hexachloroethane	14.329	117	27687	19.665	ug/l	90
87) 1,2-Dichlorobenzene	14.106	146	75954	20.006	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10329	19.446	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	36819	17.702	ug/l	96
90) Hexachlorobutadiene	15.500	225	17861	20.747	ug/l	97
91) Naphthalene	15.641	128	108050	15.890	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	36819	17.702	ug/l	96

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

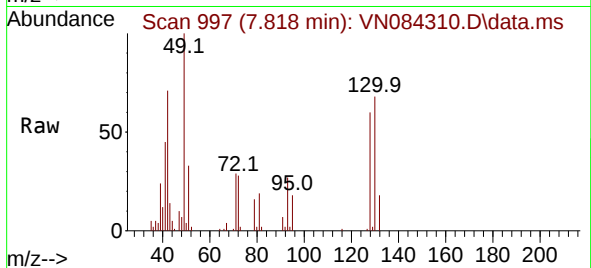
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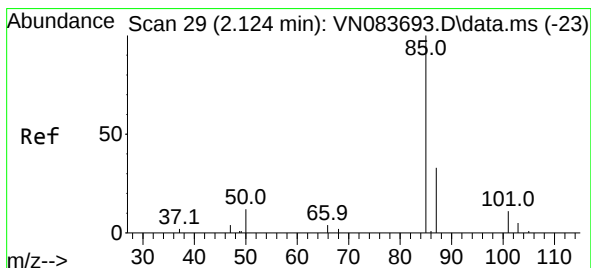
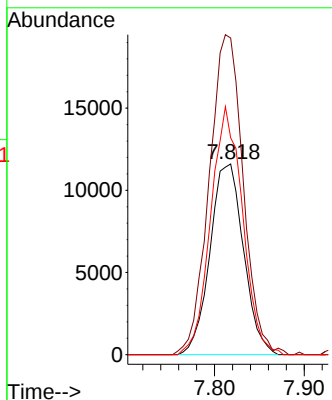
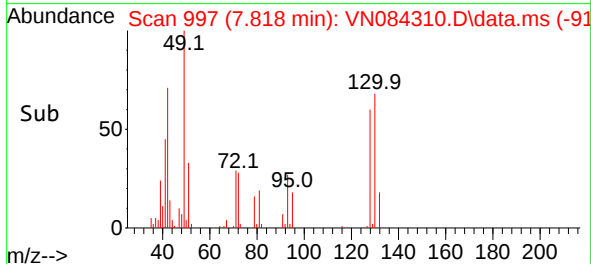


#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.818 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN084310.D
 Acq: 04 Oct 2024 11:31

Instrument :
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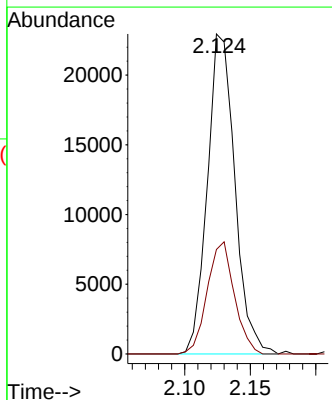
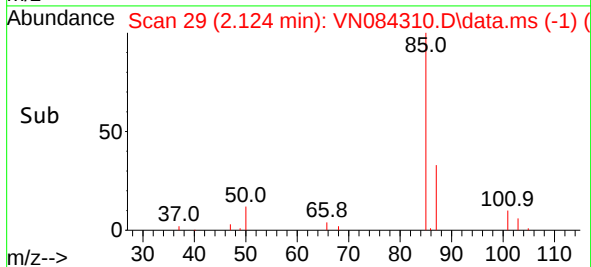
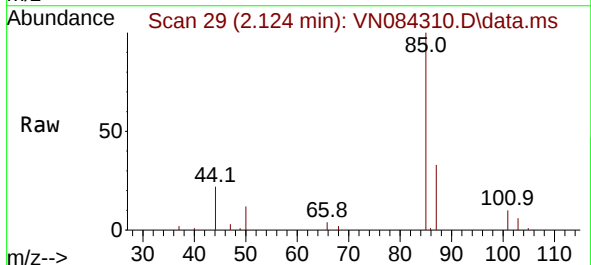


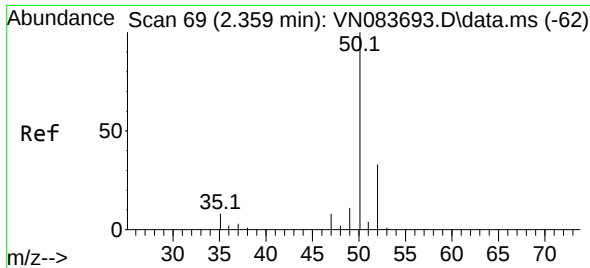
Tgt Ion:128 Resp: 30110
 Ion Ratio Lower Upper
 128 100
 49 169.2 0.0 403.7
 130 123.5 0.0 323.3



#2
 Dichlorodifluoromethane
 Concen: 16.606 ug/l
 RT: 2.124 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VN084310.D
 Acq: 04 Oct 2024 11:31

Tgt Ion: 85 Resp: 33484
 Ion Ratio Lower Upper
 85 100
 87 32.7 16.8 50.3

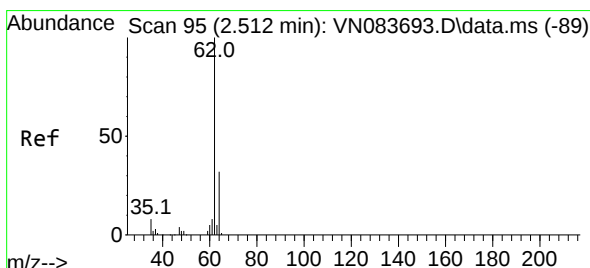
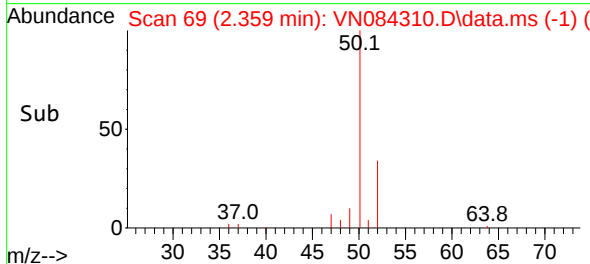
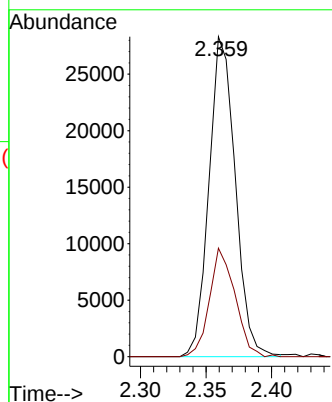
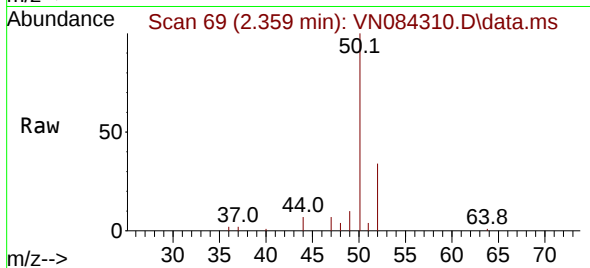




#3
Chloromethane
Concen: 18.865 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

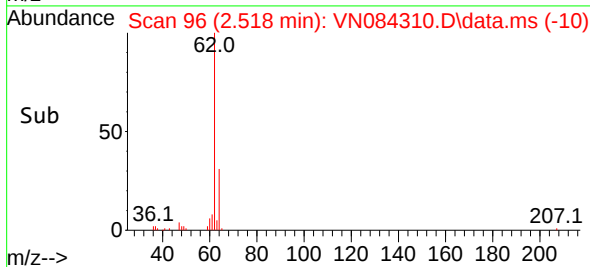
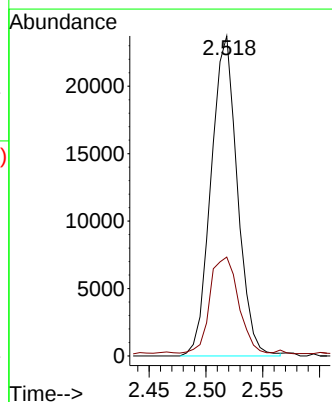
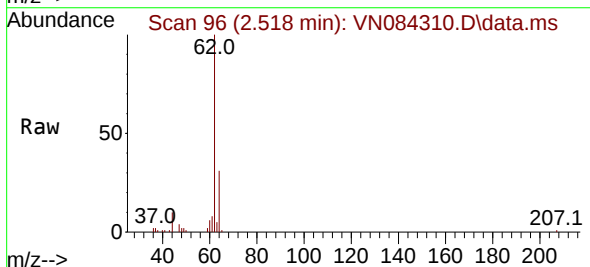
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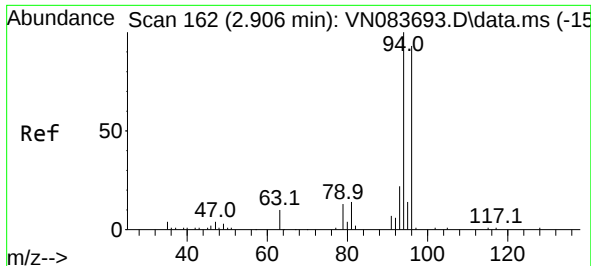
Tgt Ion: 50 Resp: 39523
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.0



#4
Vinyl Chloride
Concen: 17.768 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion: 62 Resp: 38268
Ion Ratio Lower Upper
62 100
64 30.0 24.1 36.1

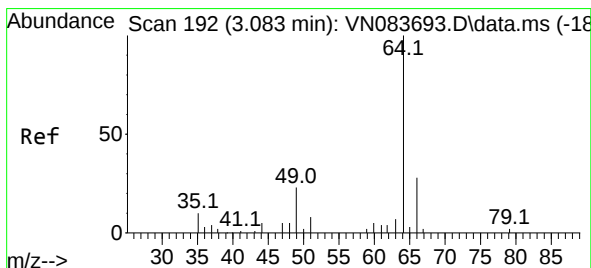
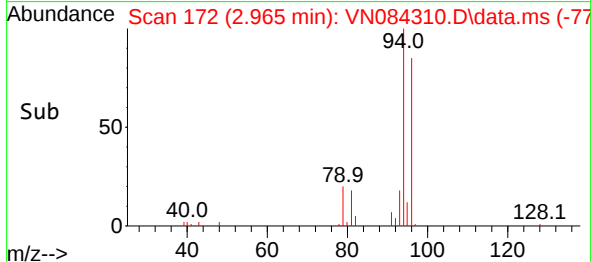
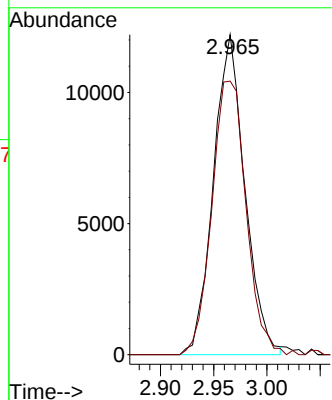
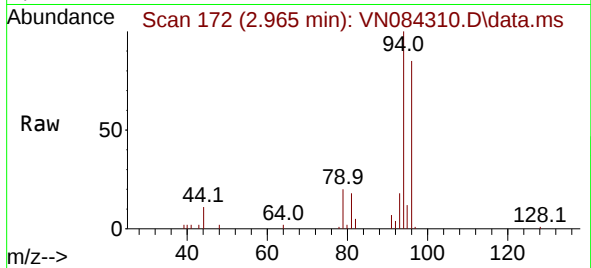




#5
Bromomethane
Concen: 20.797 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.059 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

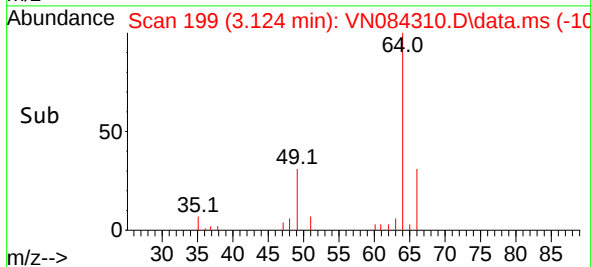
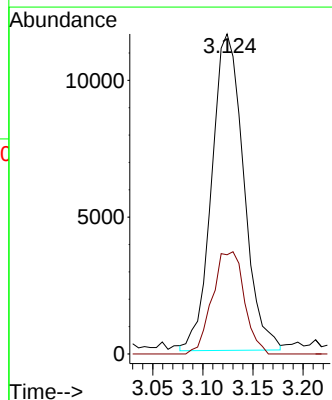
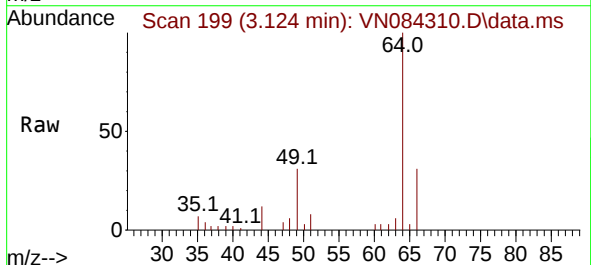
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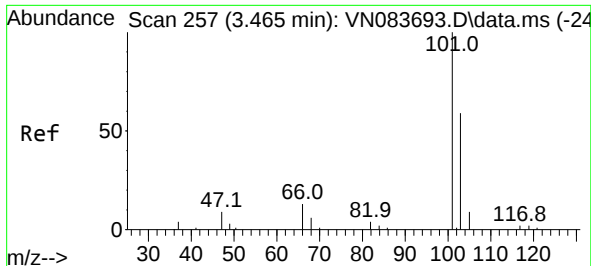
Tgt Ion: 94 Resp: 25026
Ion Ratio Lower Upper
94 100
96 85.5 72.8 109.2



#6
Chloroethane
Concen: 17.777 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.041 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion: 64 Resp: 25639
Ion Ratio Lower Upper
64 100
66 31.8 26.7 40.1

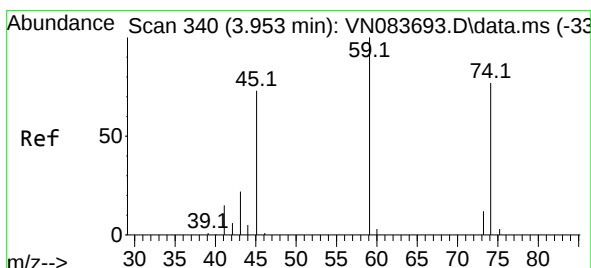
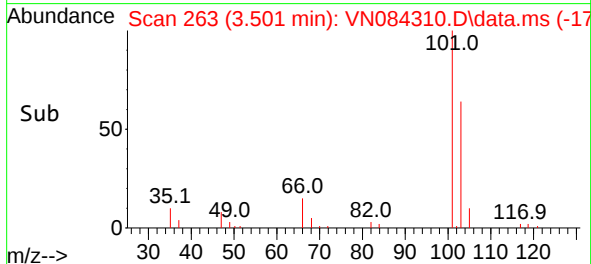
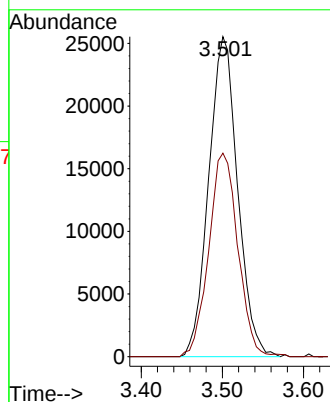
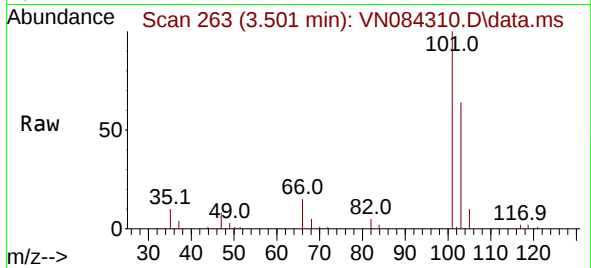




#7
 Trichlorofluoromethane
 Concen: 17.513 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.035 min
 Lab File: VN084310.D
 Acq: 04 Oct 2024 11:31

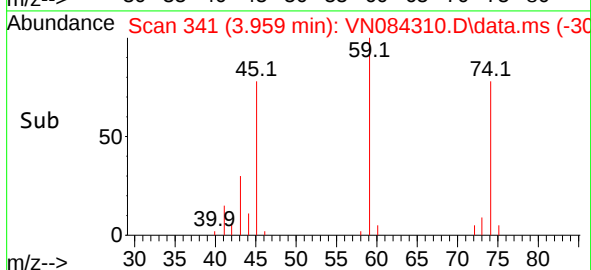
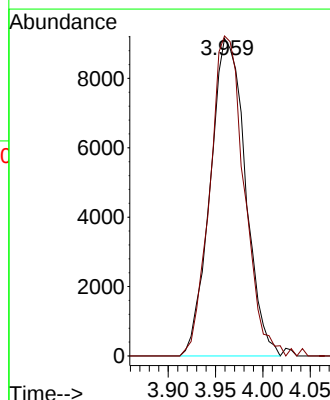
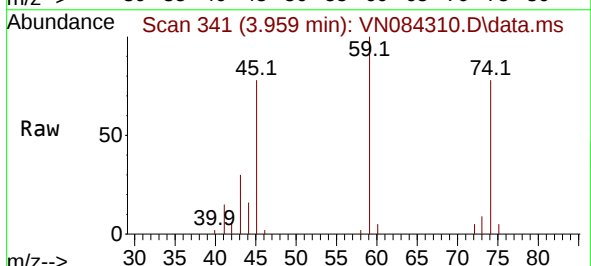
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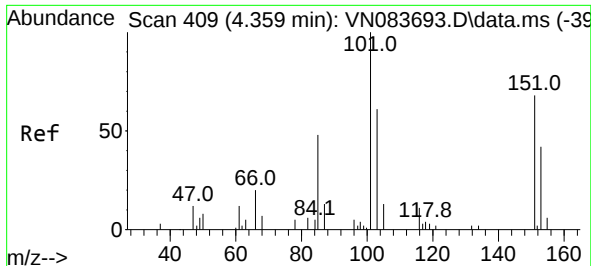
Tgt Ion:101 Resp: 63237
 Ion Ratio Lower Upper
 101 100
 103 63.6 53.0 79.4



#8
 Diethyl Ether
 Concen: 19.232 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN084310.D
 Acq: 04 Oct 2024 11:31

Tgt Ion: 74 Resp: 23596
 Ion Ratio Lower Upper
 74 100
 45 98.2 16.4 147.4

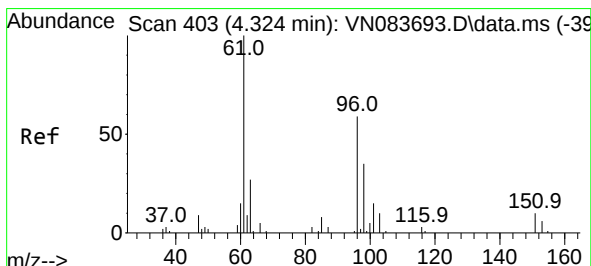
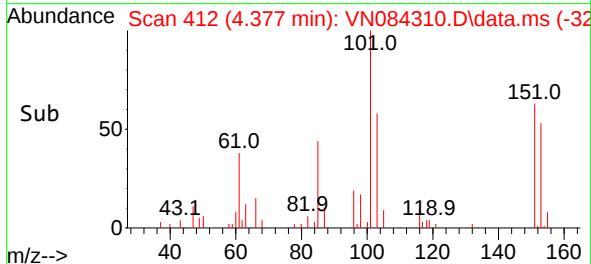
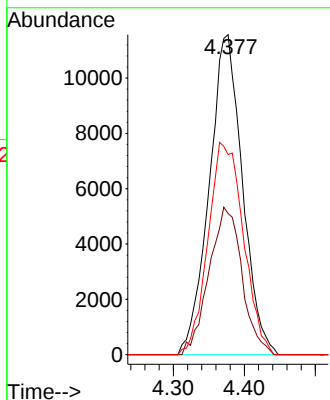
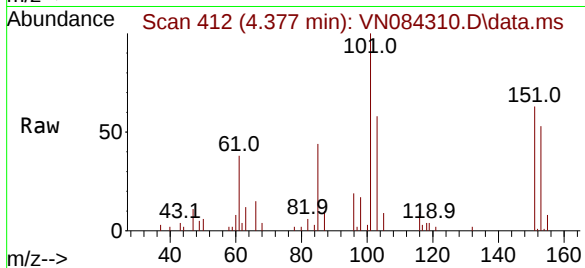




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.377 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

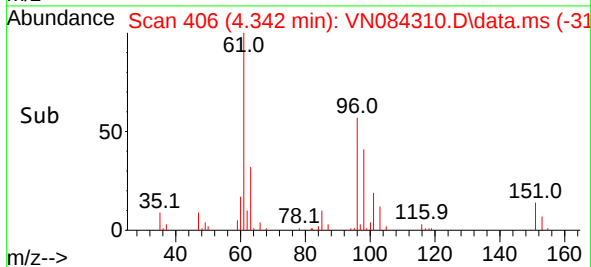
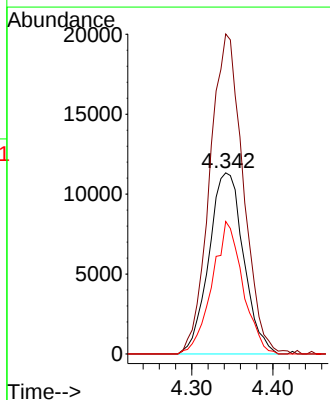
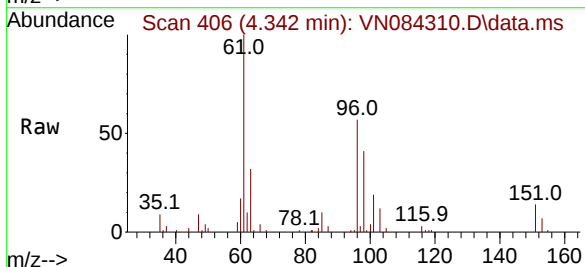
Instrument :
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ClientSampleId :

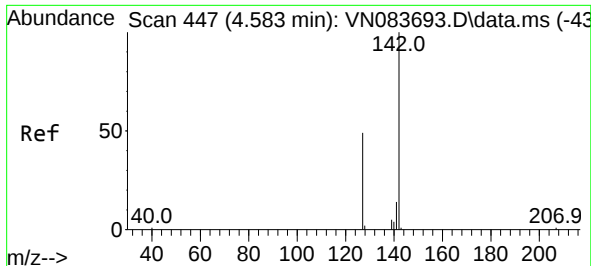
Tgt Ion:101 Resp: 37583
Ion Ratio Lower Upper
101 100
85 45.8 0.0 90.6
151 70.6 0.0 157.6



#10
1,1-Dichloroethene
Concen: 17.968 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.018 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

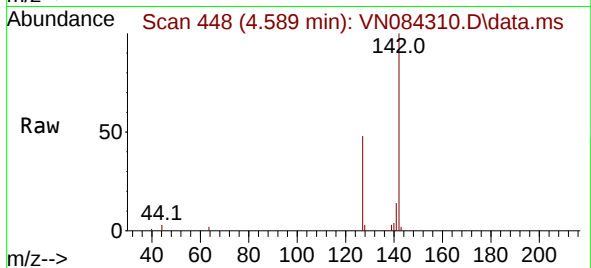
Tgt Ion: 96 Resp: 33626
Ion Ratio Lower Upper
96 100
61 176.6 117.6 176.4#
98 73.1 48.4 72.6#



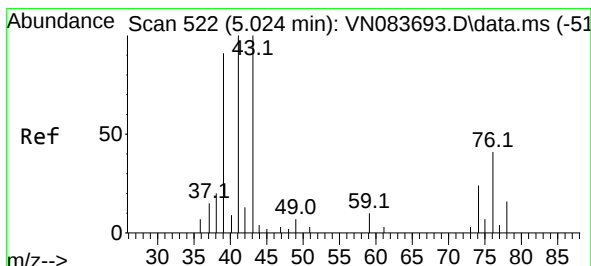
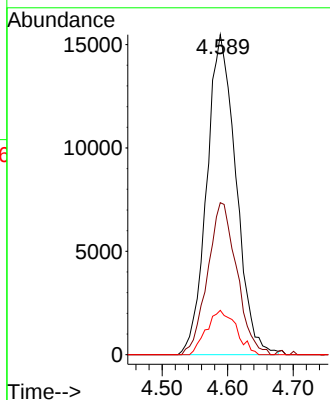
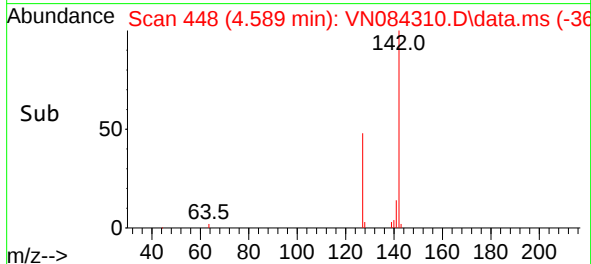


#11
Methyl Iodide
Concen: 18.817 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Instrument :
MSVOA_N
ClientSampleId :

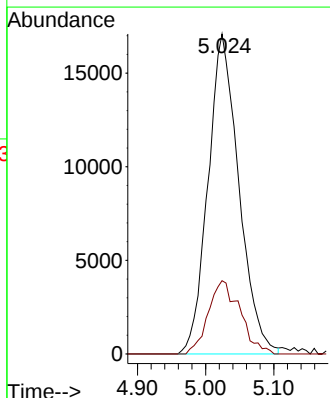
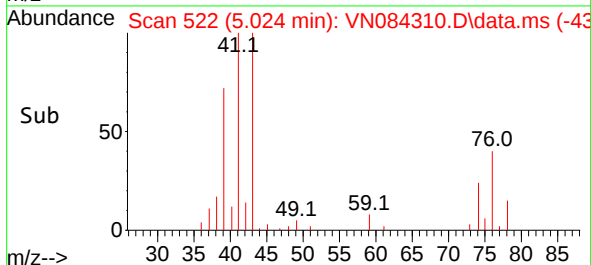
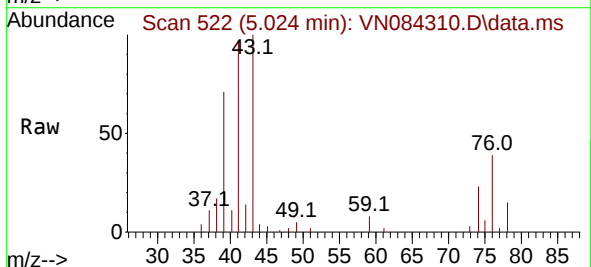


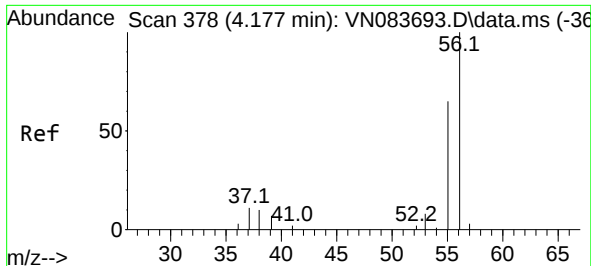
Tgt Ion:142 Resp: 47832
Ion Ratio Lower Upper
142 100
127 47.2 26.3 78.9
141 13.9 8.3 24.9



#12
Methyl Acetate
Concen: 23.864 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion: 43 Resp: 53859
Ion Ratio Lower Upper
43 100
74 23.1 27.7 41.5#





#13

Acrolein

Concen: 103.843 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN084310.D

Acq: 04 Oct 2024 11:31

Instrument :

MSVOA_N

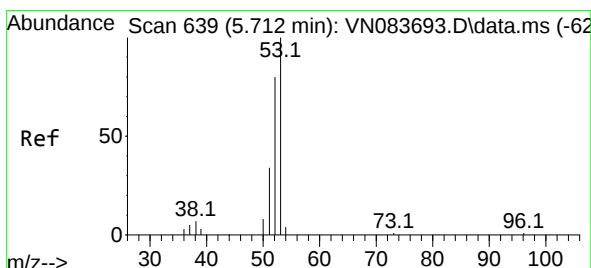
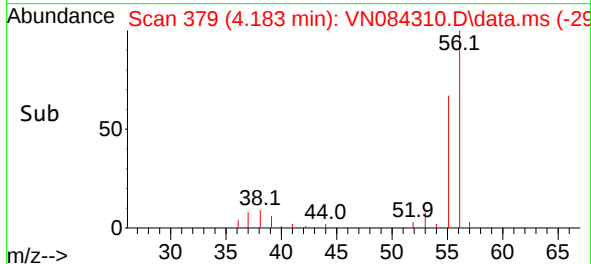
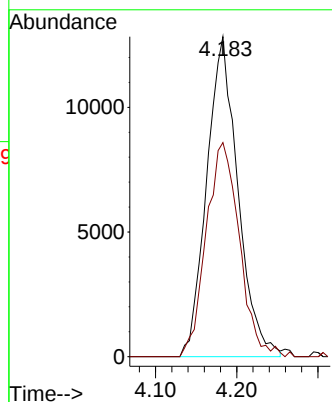
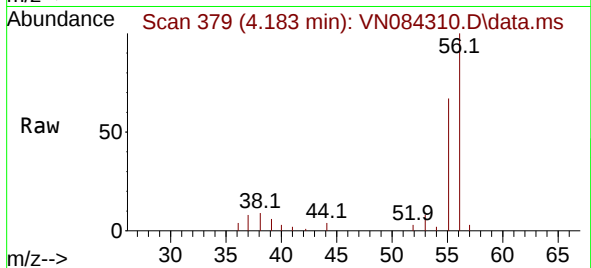
ClientSampleId :

Tgt Ion: 56 Resp: 34203

Ion Ratio Lower Upper

56 100

55 71.3 55.5 83.3



#14

Acrylonitrile

Concen: 108.606 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.012 min

Lab File: VN084310.D

Acq: 04 Oct 2024 11:31

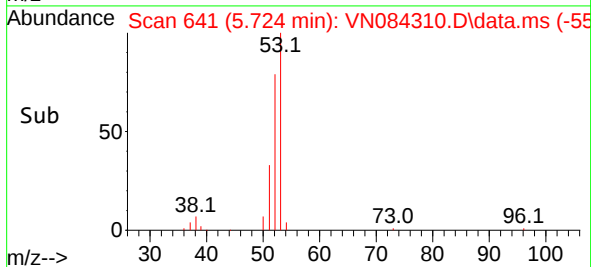
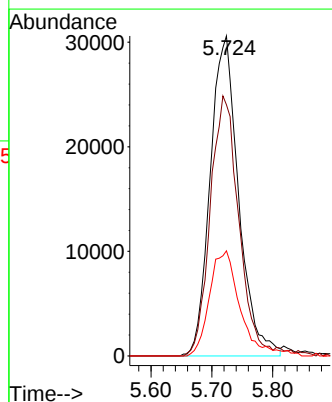
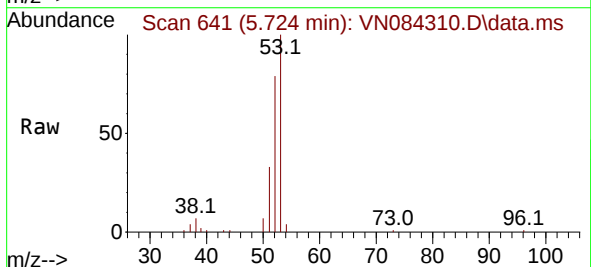
Tgt Ion: 53 Resp: 99193

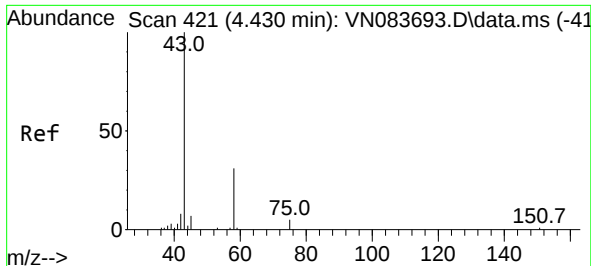
Ion Ratio Lower Upper

53 100

52 81.0 41.3 123.9

51 0.1 16.8 50.3#

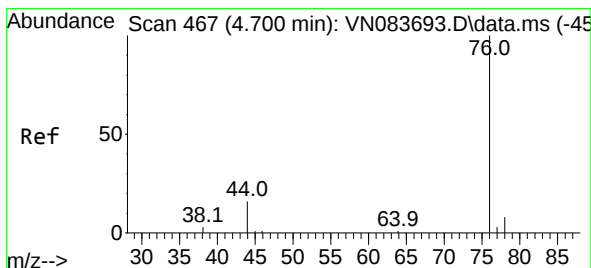
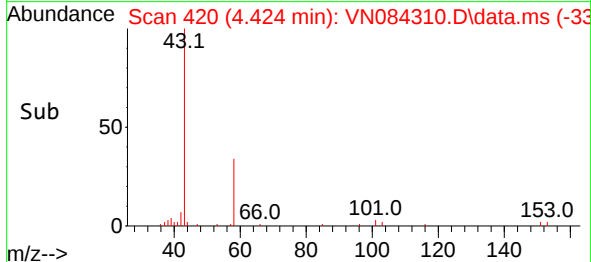
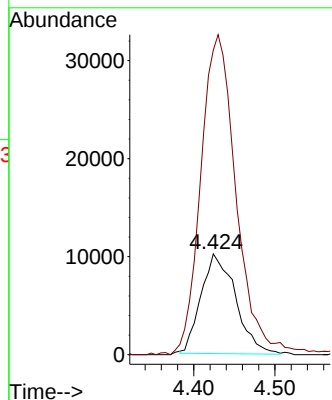
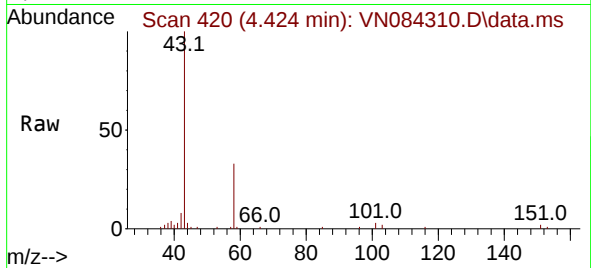




#15
Acetone
Concen: 99.376 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

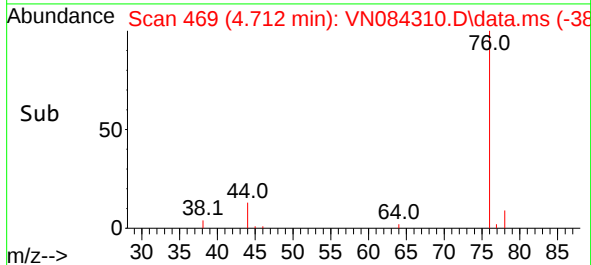
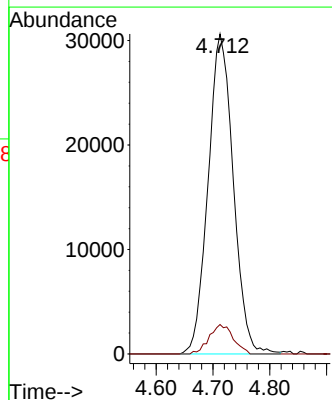
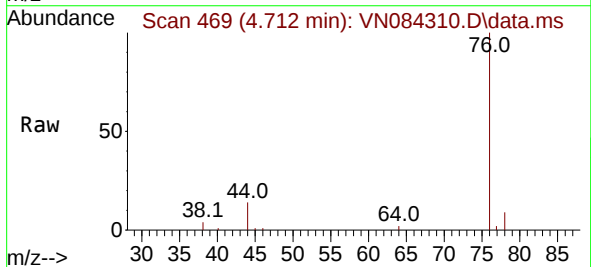
Instrument :
MSVOA_N
ClientSampleId :

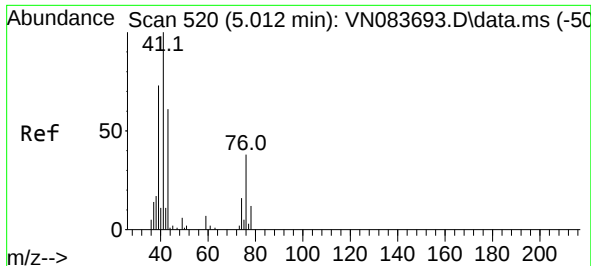
Tgt Ion: 58 Resp: 30108
Ion Ratio Lower Upper
58 100
43 296.4 223.1 334.7



#16
Carbon Disulfide
Concen: 17.811 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion: 76 Resp: 94199
Ion Ratio Lower Upper
76 100
78 9.2 6.3 9.5





#17

Allyl chloride

Concen: 17.134 ug/l

RT: 5.030 min Scan# 51

Delta R.T. 0.018 min

Lab File: VN084310.D

Acq: 04 Oct 2024 11:31

Instrument :

MSVOA_N

ClientSampleId :

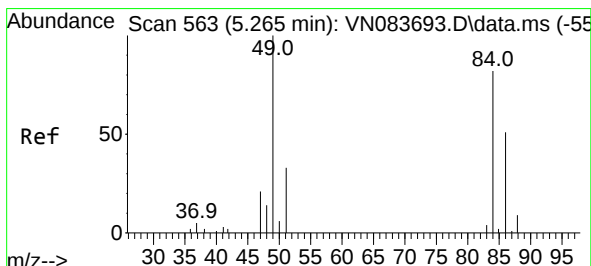
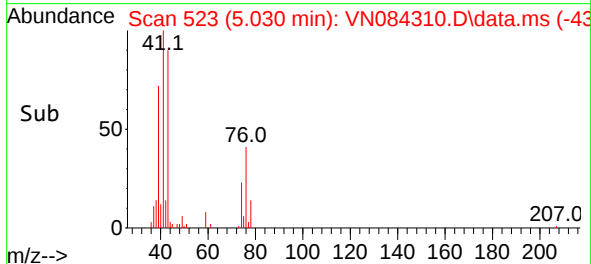
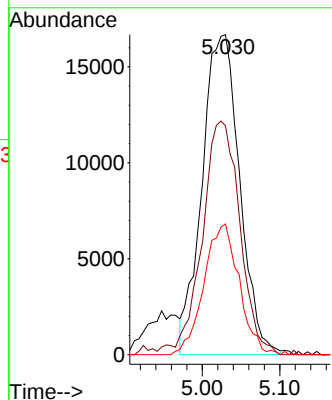
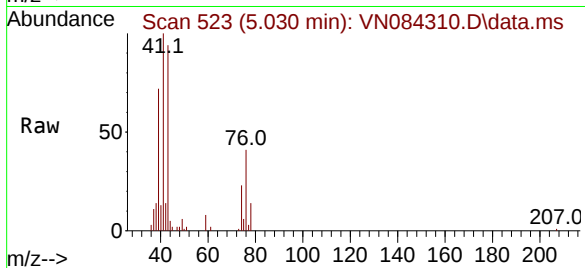
Tgt Ion: 41 Resp: 56229

Ion Ratio Lower Upper

41 100

39 72.5 37.6 112.9

76 41.3 27.8 83.4



#18

Methylene Chloride

Concen: 19.953 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.012 min

Lab File: VN084310.D

Acq: 04 Oct 2024 11:31

Tgt Ion: 84 Resp: 40852

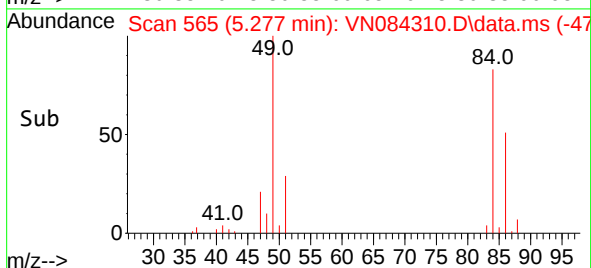
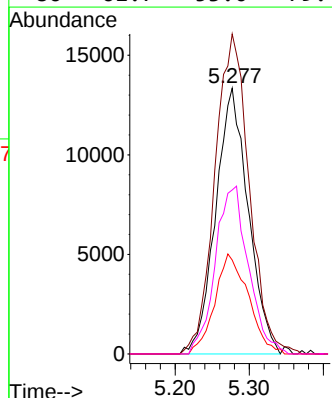
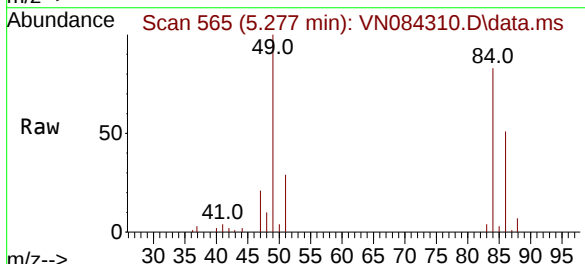
Ion Ratio Lower Upper

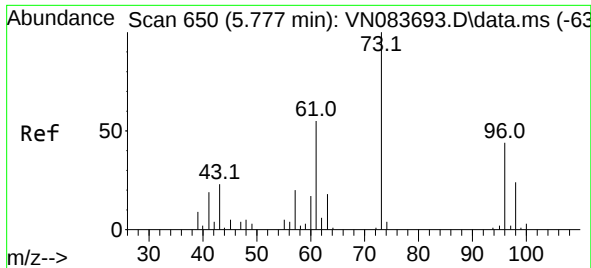
84 100

49 120.4 86.0 129.0

51 35.4 30.0 45.0

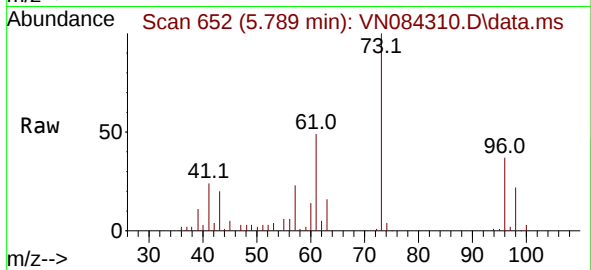
86 61.7 53.0 79.4



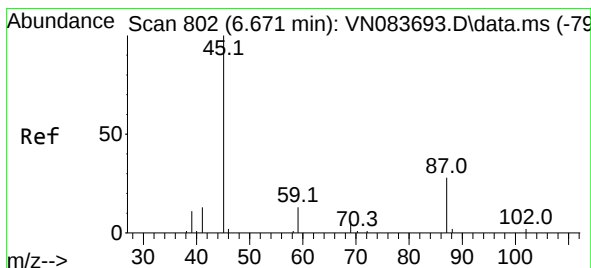
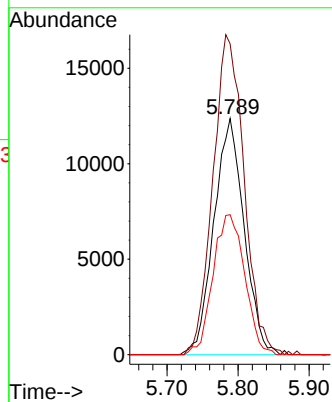
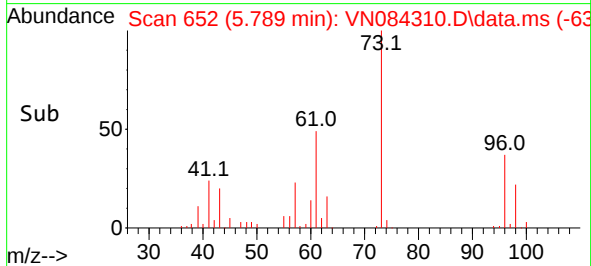


#19
trans-1,2-Dichloroethene
Concen: 18.851 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Instrument :
MSVOA_N
ClientSampleId :

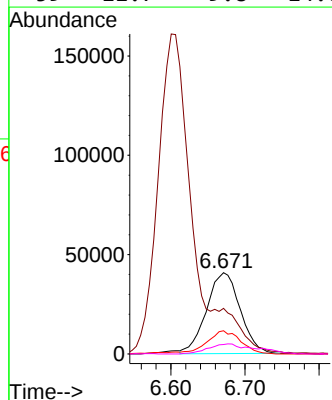
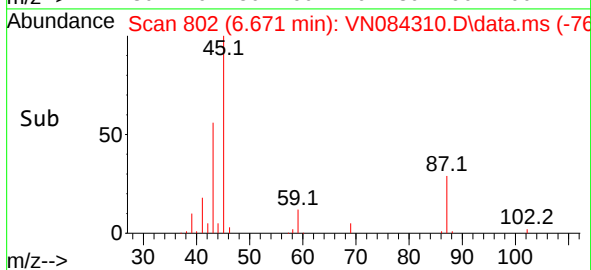
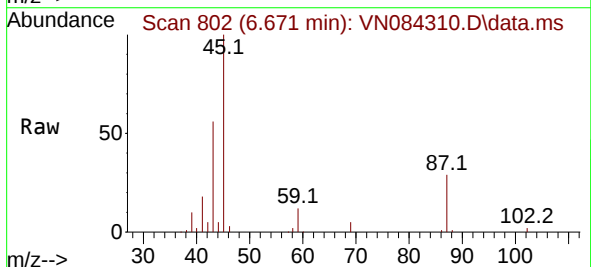


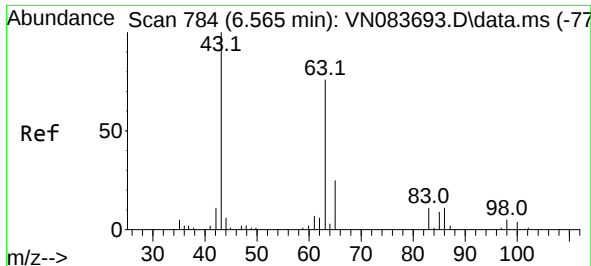
Tgt Ion: 96 Resp: 36563
Ion Ratio Lower Upper
96 100
61 131.7 111.8 167.6
98 59.3 49.2 73.8



#20
Diisopropyl ether
Concen: 19.324 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion: 45 Resp: 128068
Ion Ratio Lower Upper
45 100
43 53.6 40.4 60.6
87 28.8 23.8 35.8
59 11.7 9.8 14.6

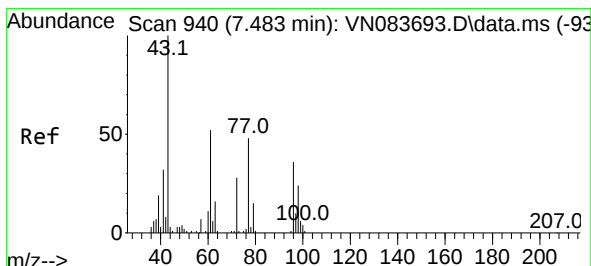
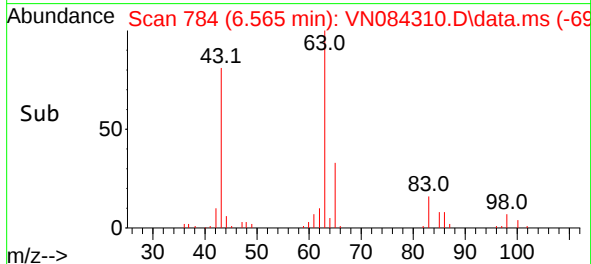
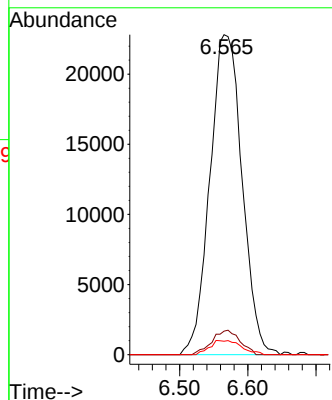
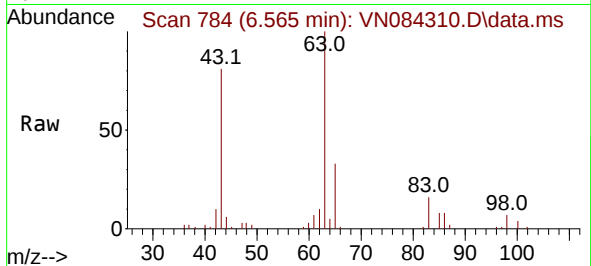




#21
1,1-Dichloroethane
Concen: 19.807 ug/l
RT: 6.565 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

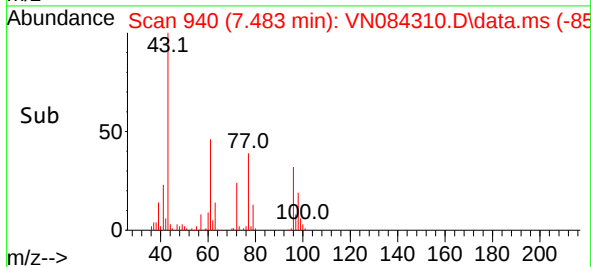
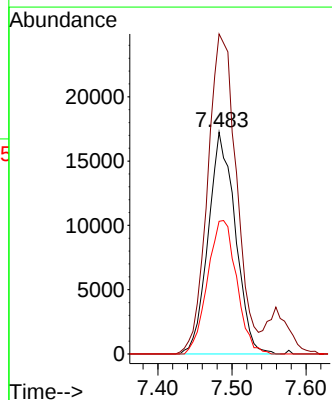
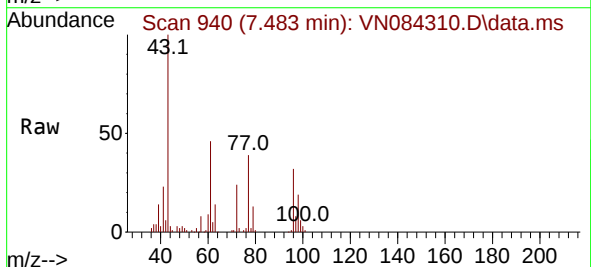
Instrument :
MSVOA_N
ClientSampleId :

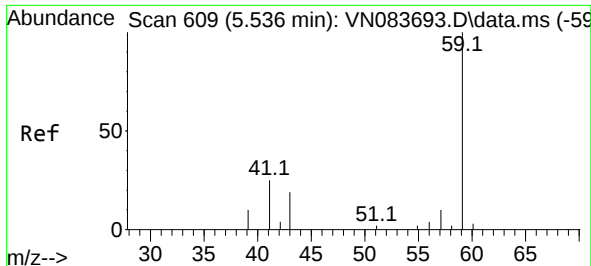
Tgt Ion: 63 Resp: 74949
Ion Ratio Lower Upper
63 100
98 7.4 4.1 12.3
100 4.2 3.0 9.0



#22
cis-1,2-Dichloroethene
Concen: 18.563 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion: 96 Resp: 43820
Ion Ratio Lower Upper
96 100
61 153.4 113.5 170.3
98 64.7 52.0 78.0

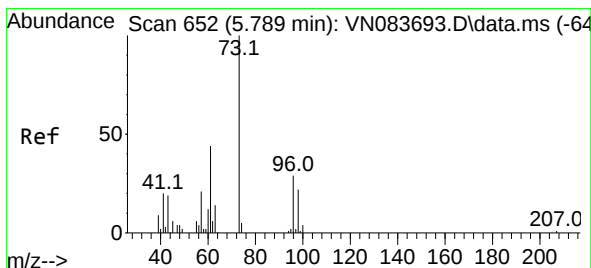
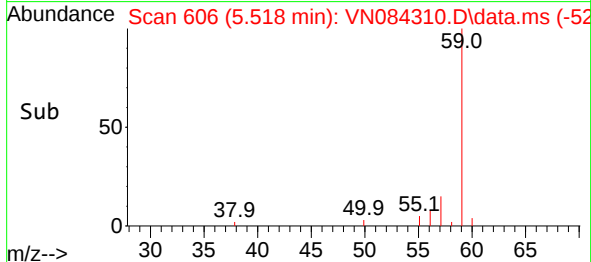
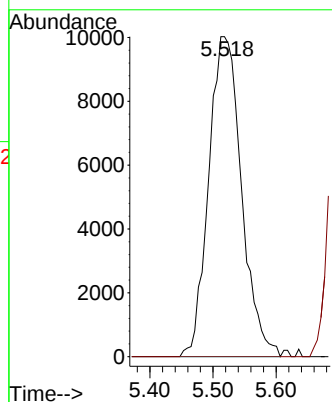
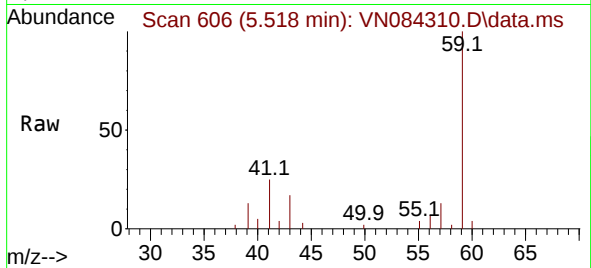




#23
tert-Butyl Alcohol
Concen: 108.013 ug/l
RT: 5.518 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

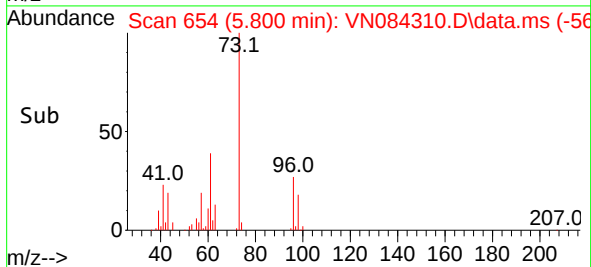
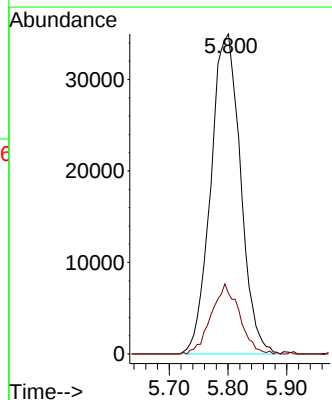
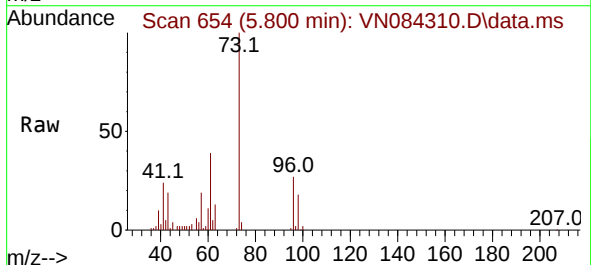
Instrument :
MSVOA_N
ClientSampleId :

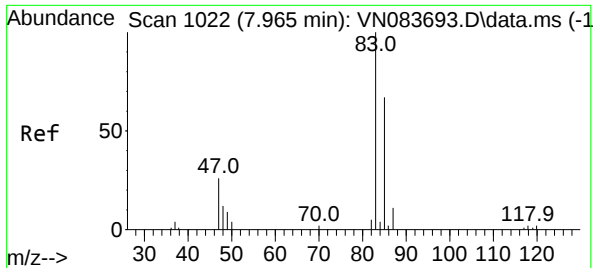
Tgt Ion: 59 Resp: 36201
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.498 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.012 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion: 73 Resp: 123020
Ion Ratio Lower Upper
73 100
43 20.6 13.4 20.2#

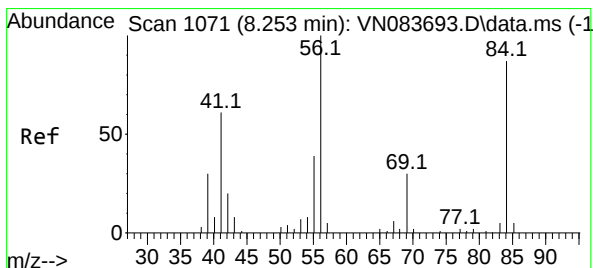
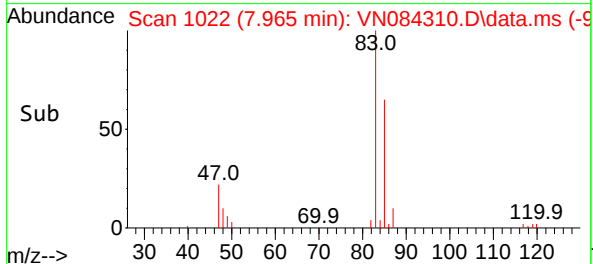
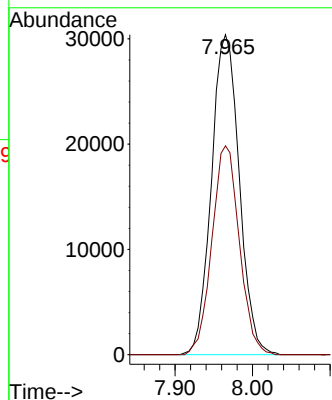
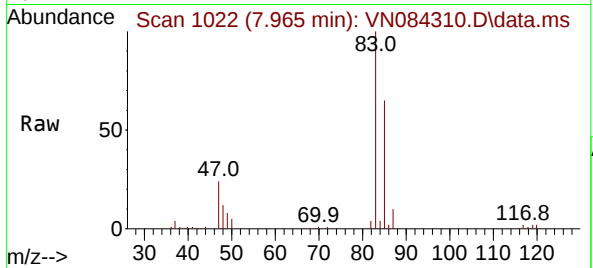




#25
Chloroform
Concen: 18.983 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

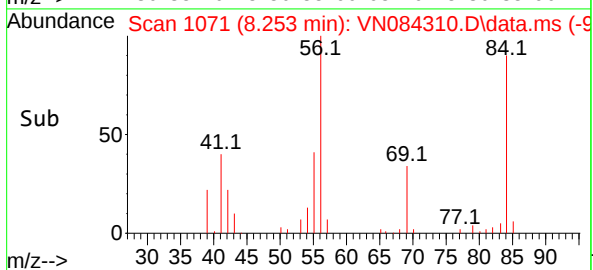
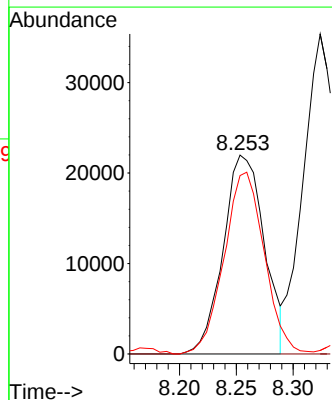
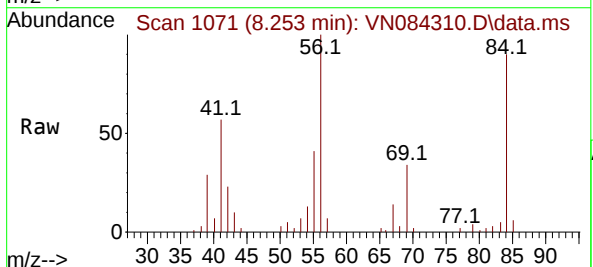
Instrument :
MSVOA_N
ClientSampleId :

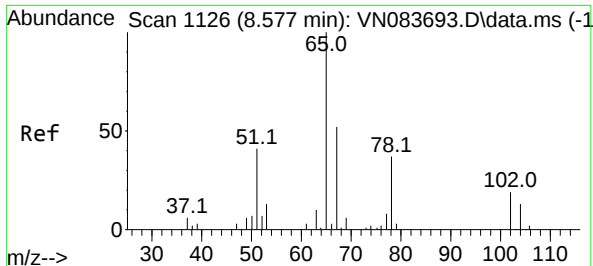
Tgt Ion: 83 Resp: 76121
Ion Ratio Lower Upper
83 100
85 65.2 50.9 76.3



#26
Cyclohexane
Concen: 16.597 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion: 56 Resp: 55313
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 89.6 71.3 106.9

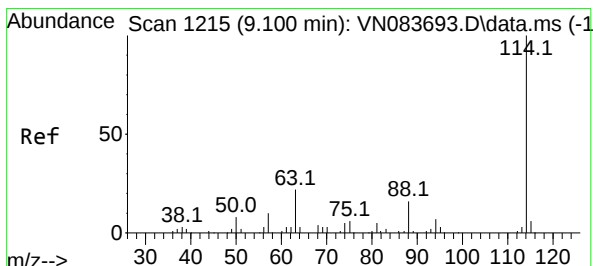
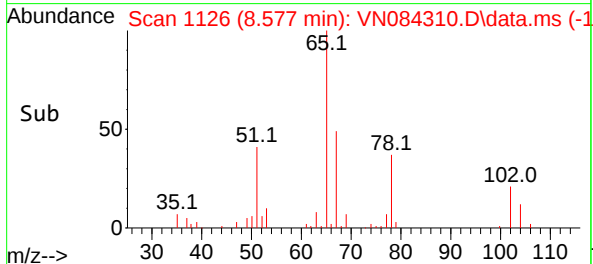
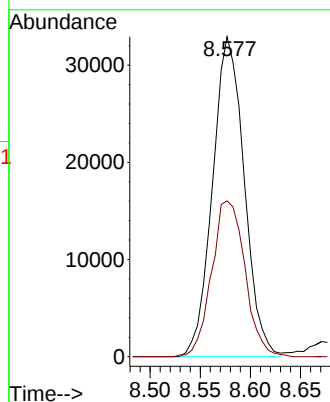
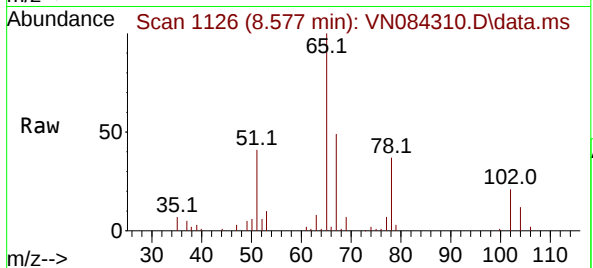




#27
1,2-Dichloroethane-d4
Concen: 26.188 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

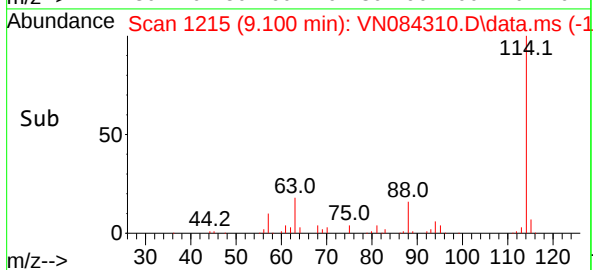
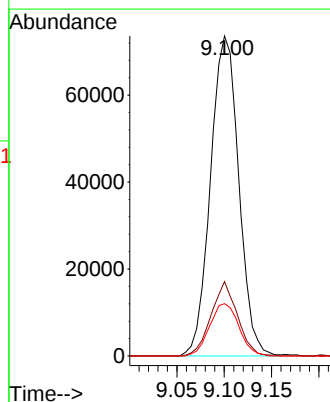
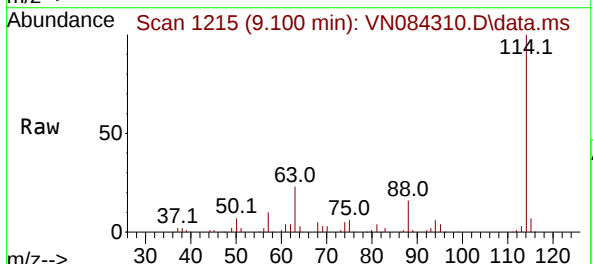
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 72077
Ion Ratio Lower Upper
65 100
67 51.3 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion: 114 Resp: 152943
Ion Ratio Lower Upper
114 100
63 21.6 15.9 23.9
88 16.9 12.7 19.1

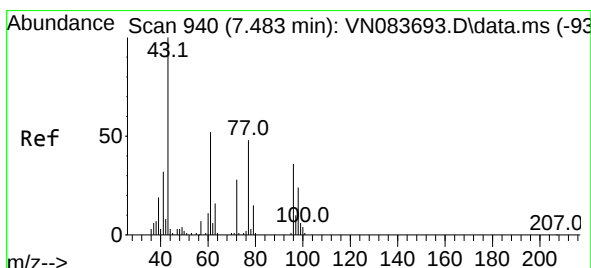
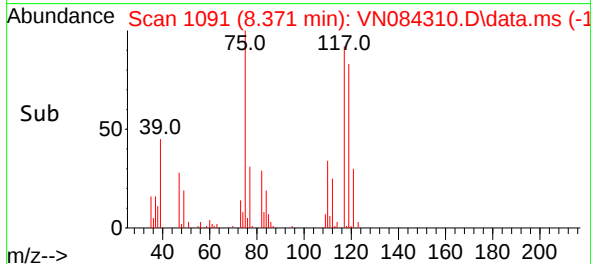
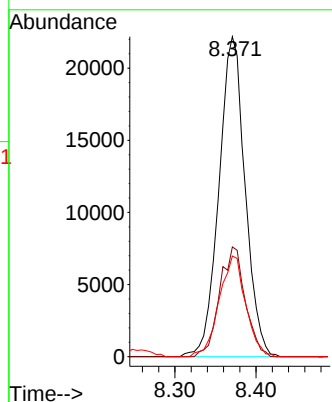
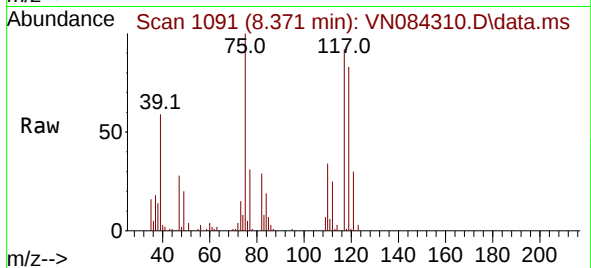




#29
1,1-Dichloropropene
Concen: 20.488 ug/l
RT: 8.371 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

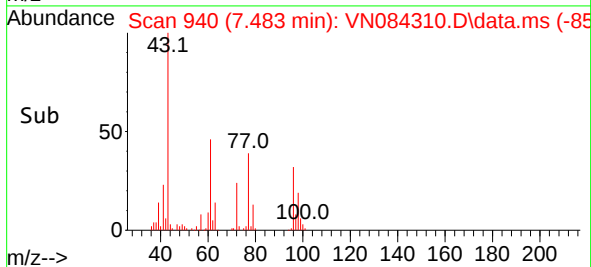
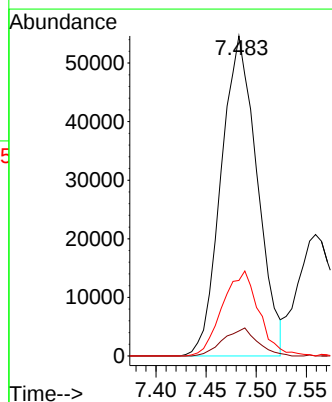
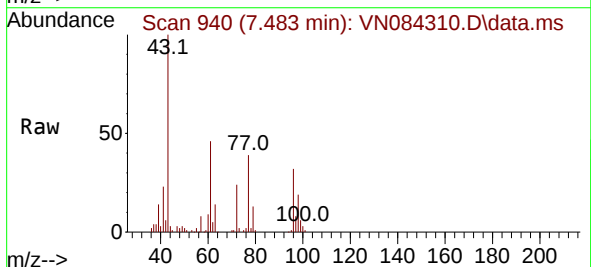
Instrument :
MSVOA_N
ClientSampleId :

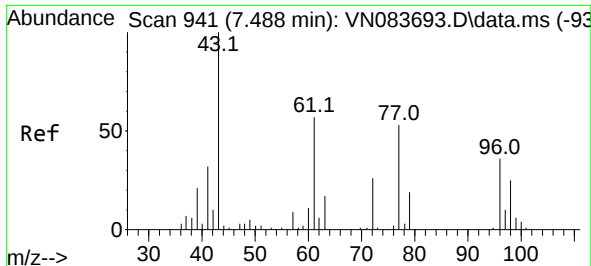
Tgt Ion: 75 Resp: 49702
Ion Ratio Lower Upper
75 100
110 33.6 0.0 70.2
77 31.8 0.0 61.4



#30
2-Butanone
Concen: 119.557 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion: 43 Resp: 136718
Ion Ratio Lower Upper
43 100
57 8.3 6.7 10.1
72 27.0 24.0 36.0

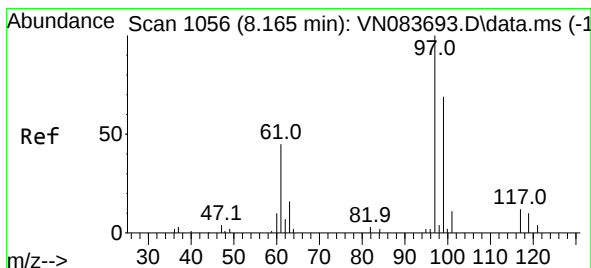
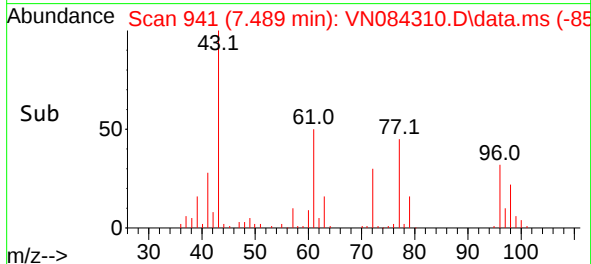
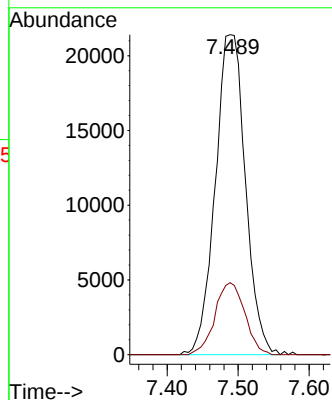
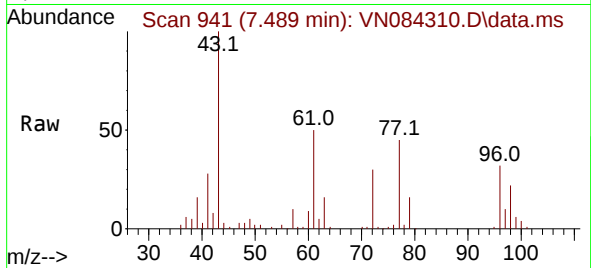




#31
2,2-Dichloropropane
Concen: 20.403 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

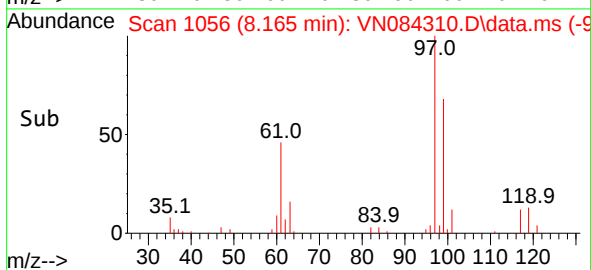
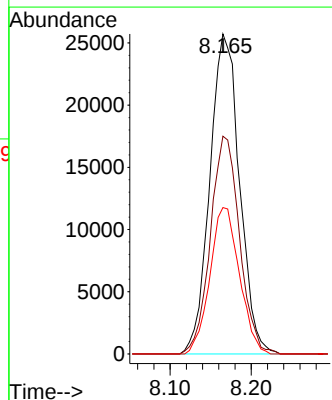
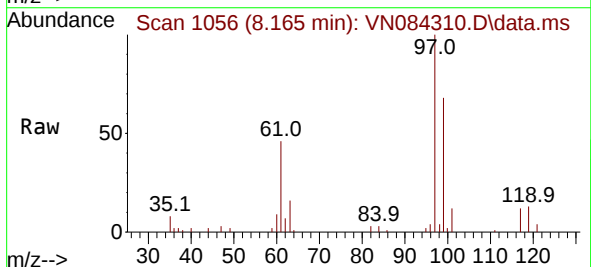
Instrument :
MSVOA_N
ClientSampleId :

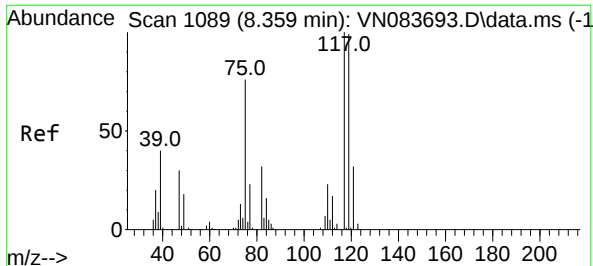
Tgt Ion: 77 Resp: 63104
Ion Ratio Lower Upper
77 100
97 22.3 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 20.192 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

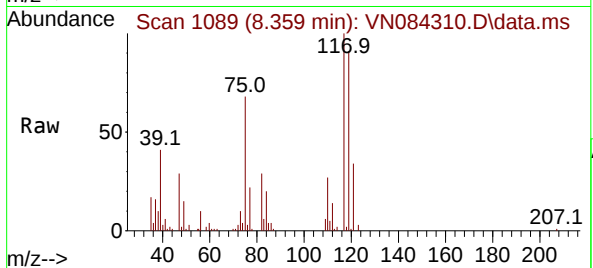
Tgt Ion: 97 Resp: 65416
Ion Ratio Lower Upper
97 100
99 66.7 51.0 76.4
61 45.4 33.8 50.8



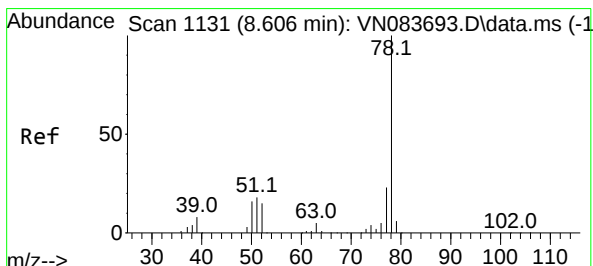
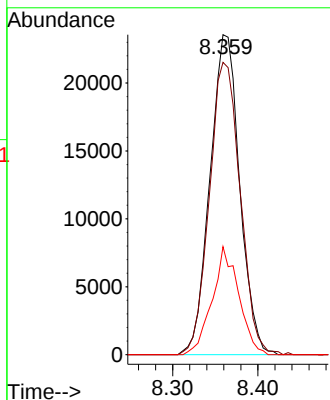
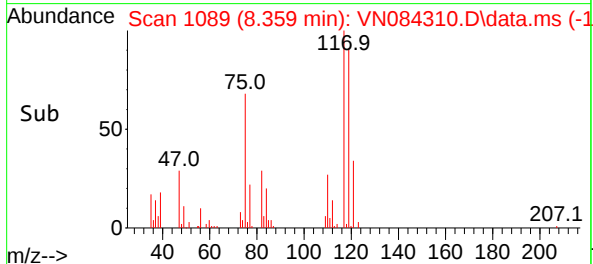


#33
Carbon Tetrachloride
Concen: 20.316 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Instrument :
MSVOA_N
ClientSampleId :

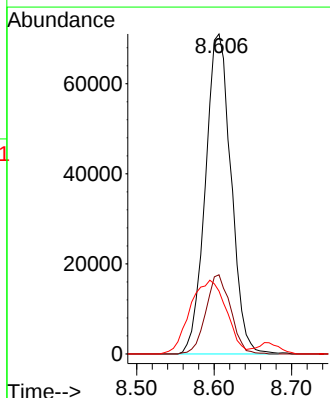
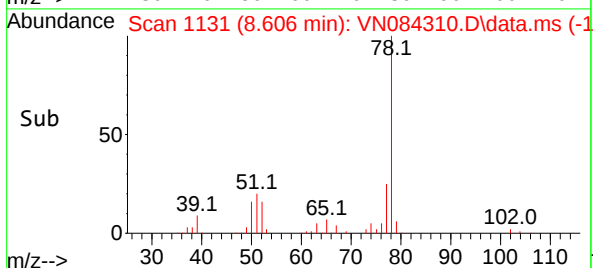
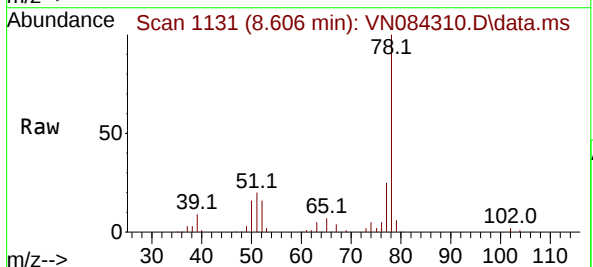


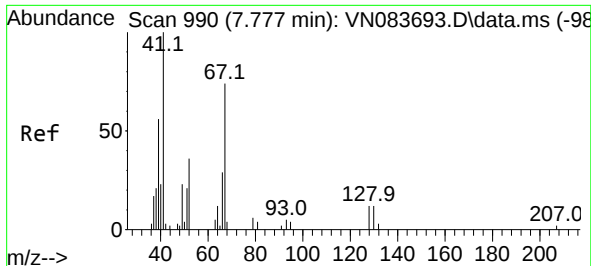
Tgt Ion:117 Resp: 56998
Ion Ratio Lower Upper
117 100
119 91.4 77.7 116.5
121 33.7 27.0 40.6



#34
Benzene
Concen: 22.502 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

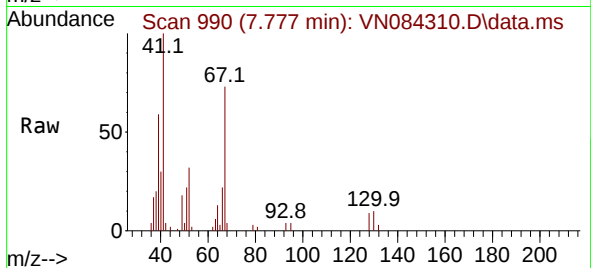
Tgt Ion: 78 Resp: 163783
Ion Ratio Lower Upper
78 100
77 24.8 19.2 28.8
51 17.3 13.3 19.9



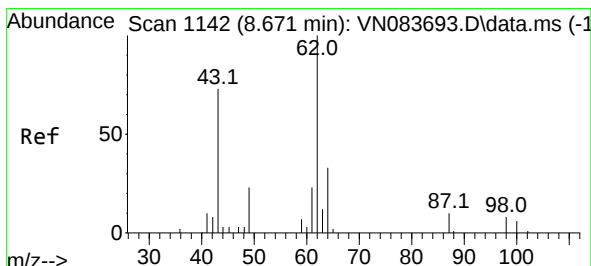
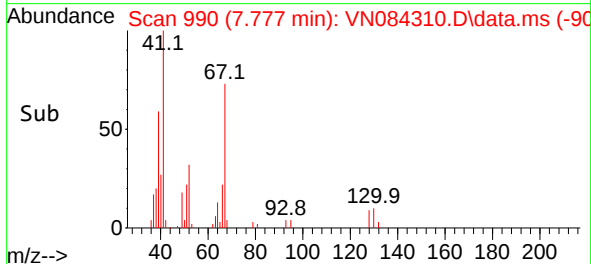
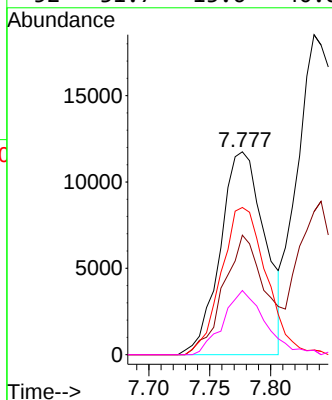


#35
Methacrylonitrile
Concen: 23.285 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Instrument :
MSVOA_N
ClientSampleId :

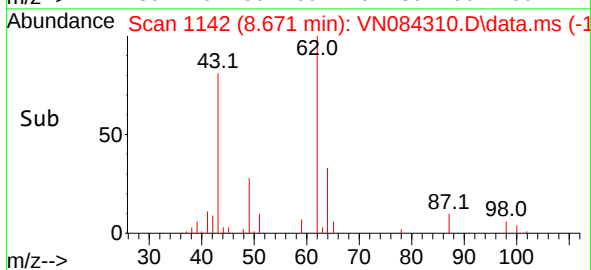
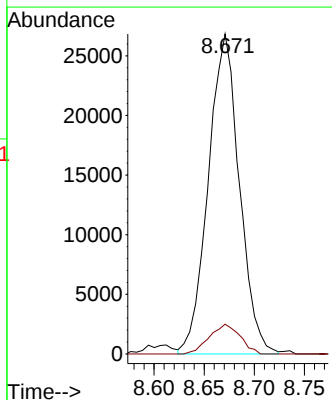
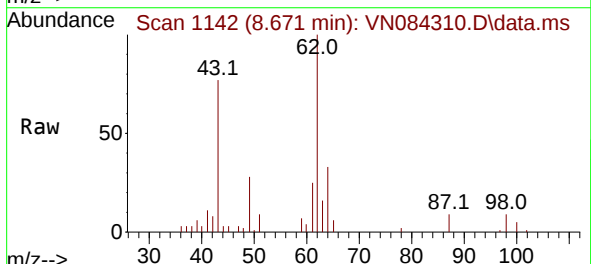


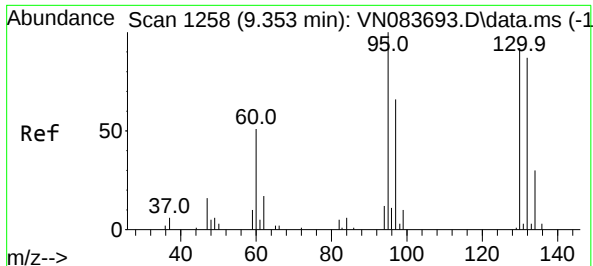
Tgt Ion:	41	Resp:	29933
Ion	Ratio	Lower	Upper
41	100		
39	58.9	25.3	75.9
67	72.5	38.7	116.1
52	31.7	13.6	40.8



#36
1,2-Dichloroethane
Concen: 21.165 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion:	62	Resp:	57914
Ion	Ratio	Lower	Upper
62	100		
98	9.2	8.2	12.4





#37

Trichloroethene

Concen: 22.054 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN084310.D

Acq: 04 Oct 2024 11:31

Instrument :

MSVOA_N

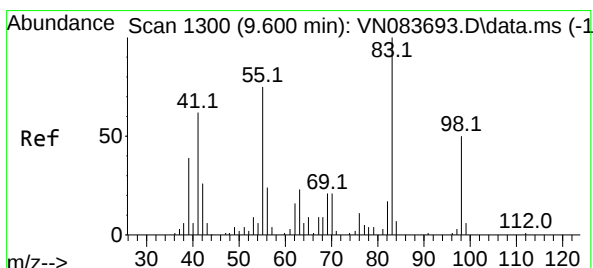
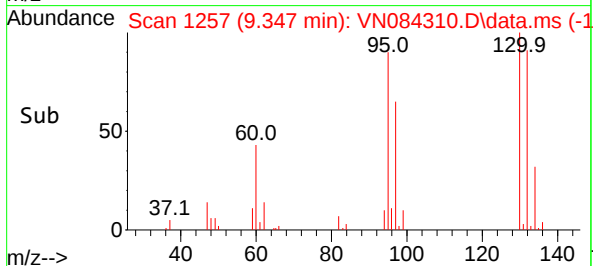
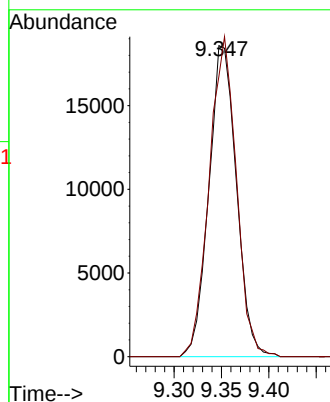
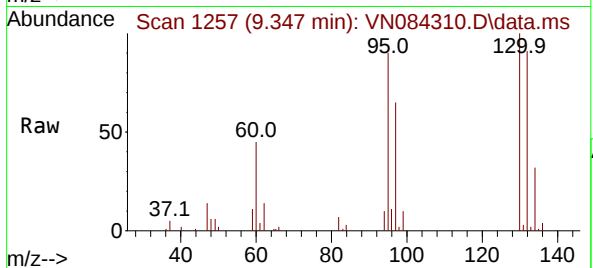
ClientSampleId :

Tgt Ion:130 Resp: 37695

Ion Ratio Lower Upper

130 100

95 90.2 80.2 120.4



#38

Methylcyclohexane

Concen: 18.652 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN084310.D

Acq: 04 Oct 2024 11:31

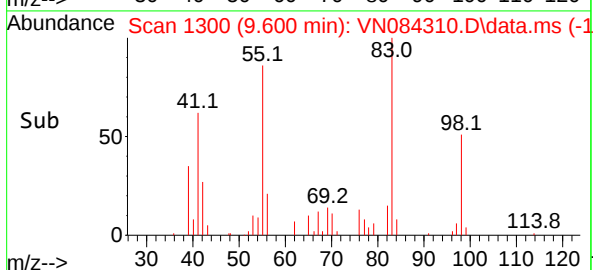
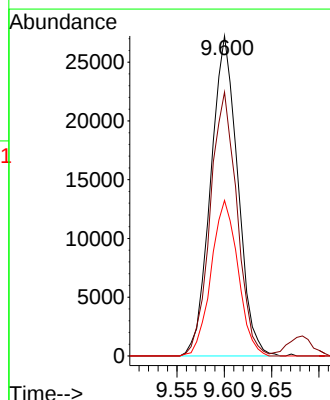
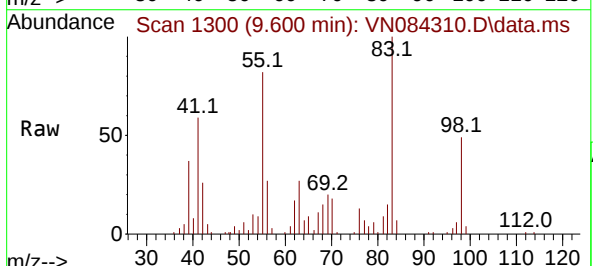
Tgt Ion: 83 Resp: 54173

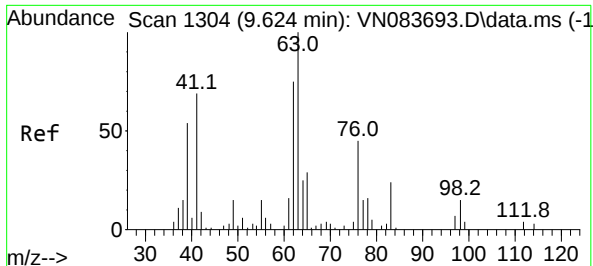
Ion Ratio Lower Upper

83 100

55 81.4 36.6 109.9

98 48.2 23.8 71.5





#39

1,2-Dichloropropane

Concen: 23.636 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084310.D

Acq: 04 Oct 2024 11:31

Instrument :

MSVOA_N

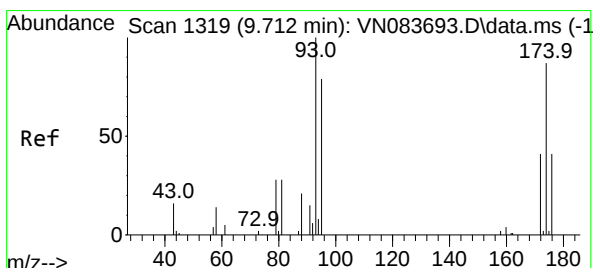
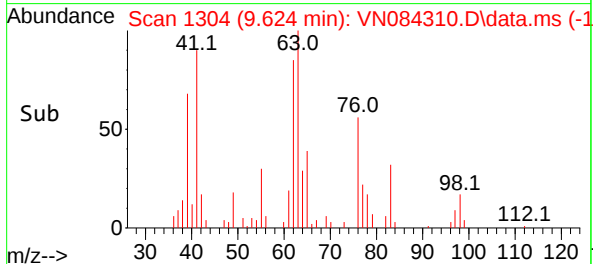
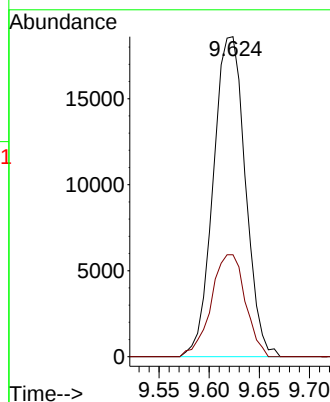
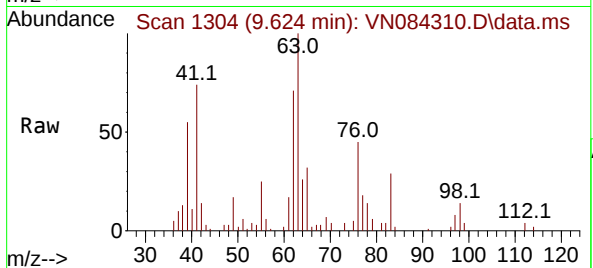
ClientSampleId :

Tgt Ion: 63 Resp: 41405

Ion Ratio Lower Upper

63 100

65 31.9 25.0 37.4



#40

Dibromomethane

Concen: 22.743 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN084310.D

Acq: 04 Oct 2024 11:31

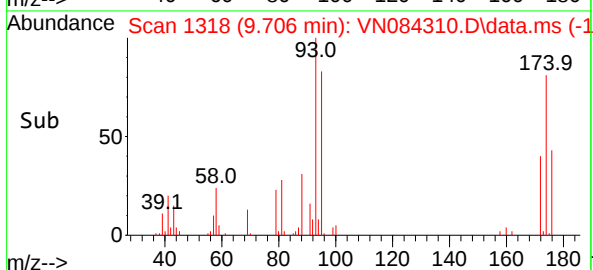
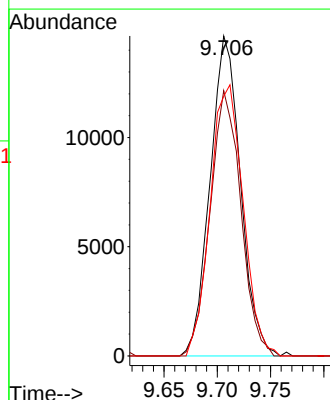
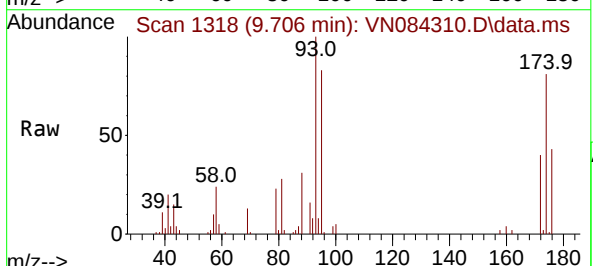
Tgt Ion: 93 Resp: 29131

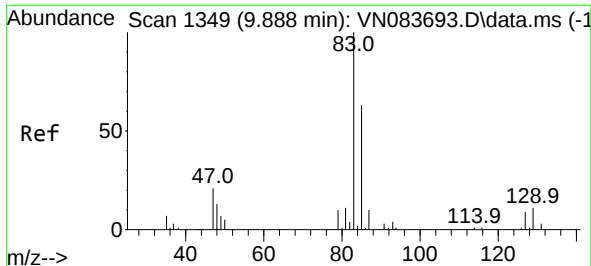
Ion Ratio Lower Upper

93 100

95 83.6 0.0 164.6

174 91.4 0.0 193.2

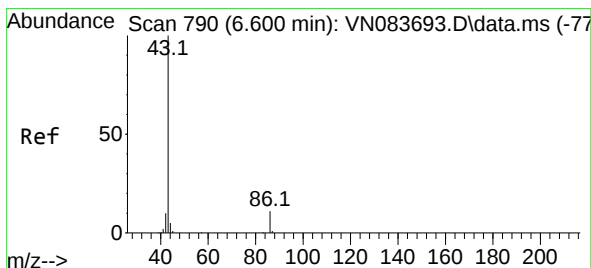
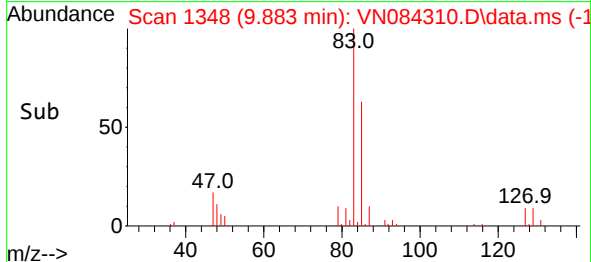
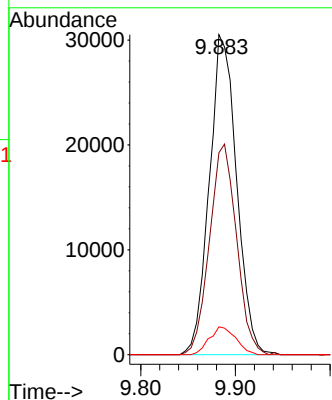
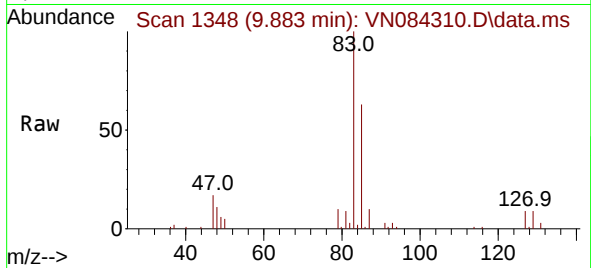




#41
Bromodichloromethane
Concen: 22.419 ug/l
RT: 9.883 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

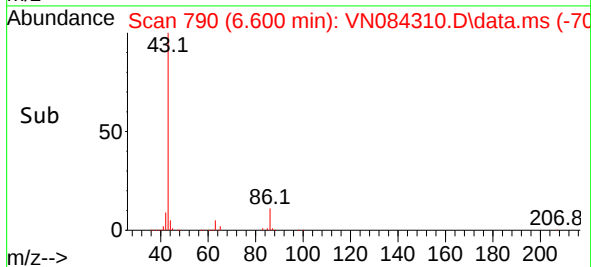
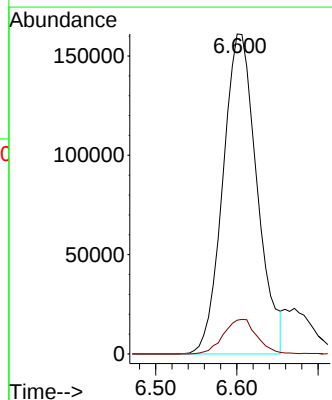
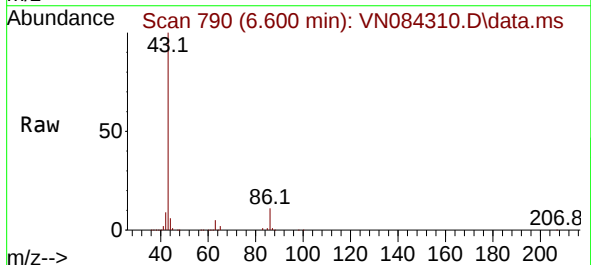
Instrument :
MSVOA_N
ClientSampleId :

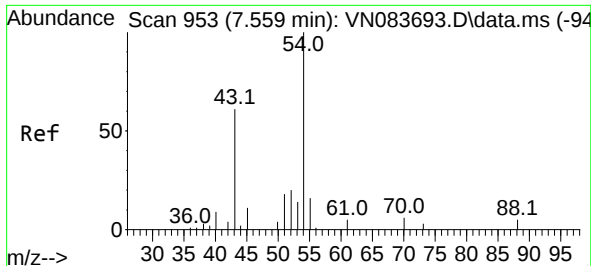
Tgt Ion: 83 Resp: 61064
Ion Ratio Lower Upper
83 100
85 63.1 49.4 74.2
127 8.7 7.3 10.9



#42
Vinyl Acetate
Concen: 100.208 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion: 43 Resp: 471140
Ion Ratio Lower Upper
43 100
86 10.6 9.4 14.2

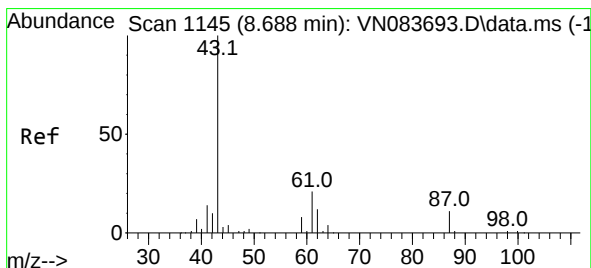
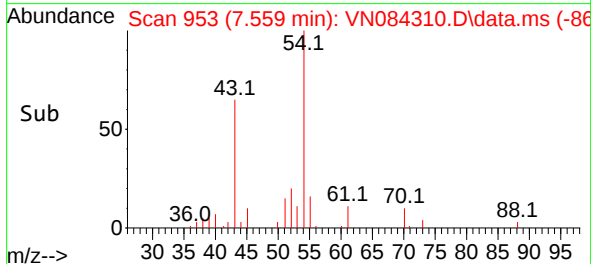
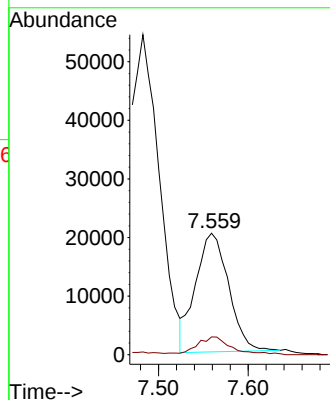
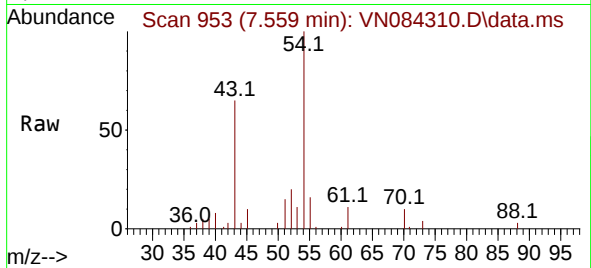




#43
Ethyl Acetate
Concen: 22.590 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

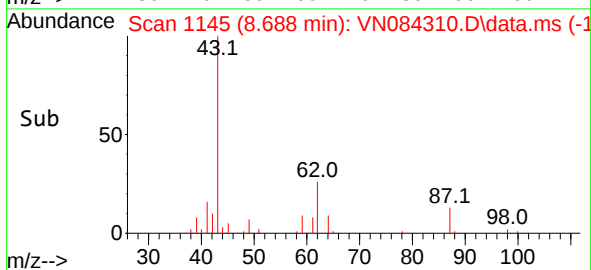
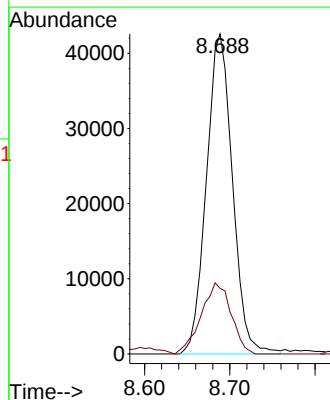
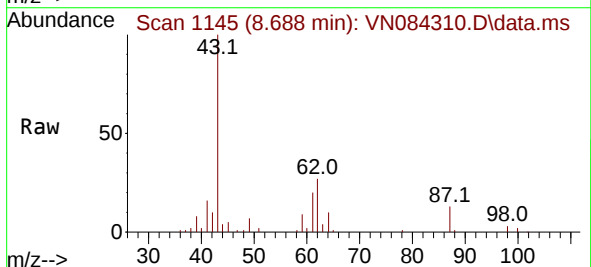
Instrument :
MSVOA_N
ClientSampleId :

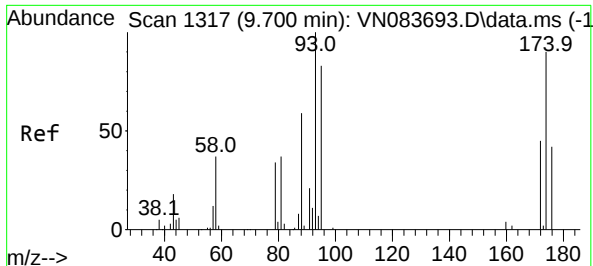
Tgt Ion: 43 Resp: 51995
Ion Ratio Lower Upper
43 100
45 12.9 10.6 15.8



#44
Isopropyl Acetate
Concen: 22.779 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

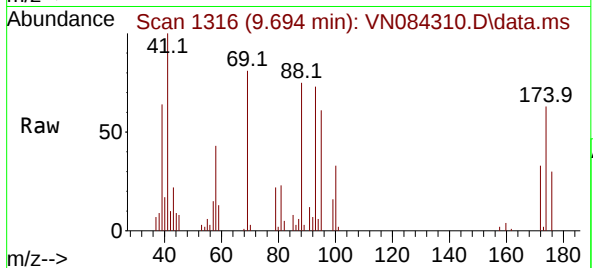
Tgt Ion: 43 Resp: 90682
Ion Ratio Lower Upper
43 100
61 25.5 25.0 37.4



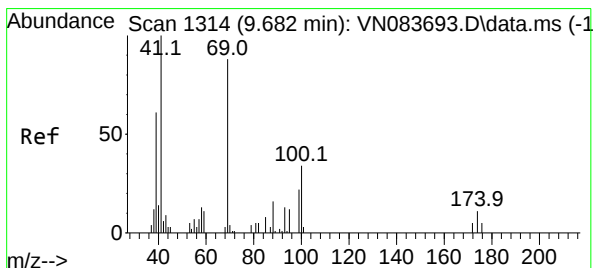
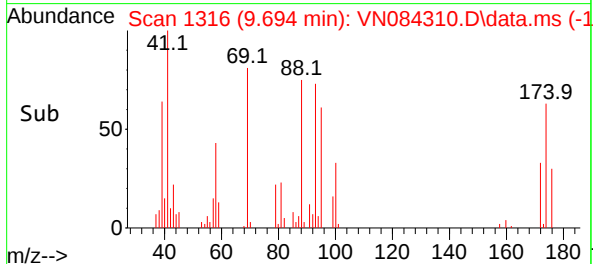
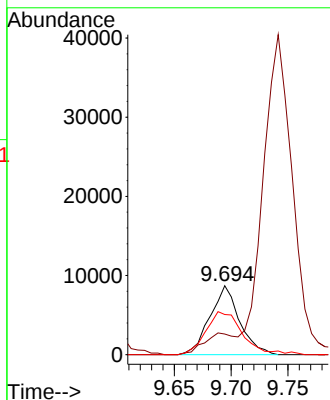


#45
1,4-Dioxane
Concen: 509.979 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Instrument :
MSVOA_N
ClientSampleId :

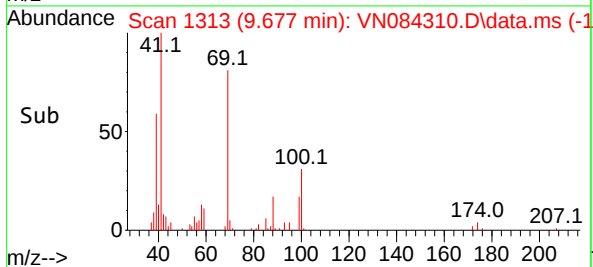
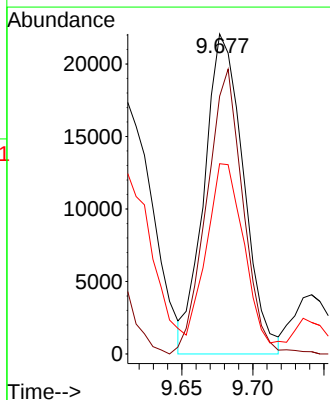
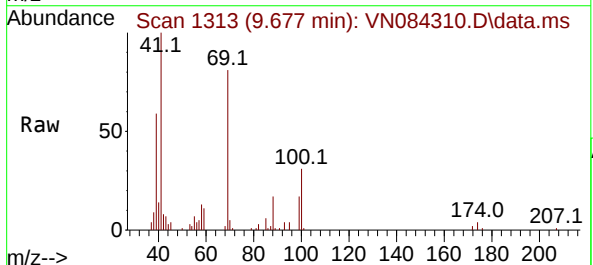


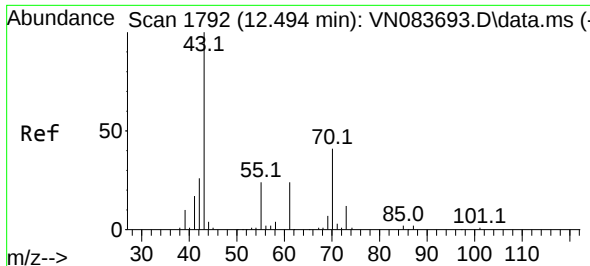
Tgt Ion: 88 Resp: 15835
Ion Ratio Lower Upper
88 100
43 34.3 19.8 29.6#
58 74.5 55.4 83.0



#46
Methyl methacrylate
Concen: 22.063 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion: 41 Resp: 42513
Ion Ratio Lower Upper
41 100
69 83.8 51.1 153.3
39 58.6 25.8 77.3

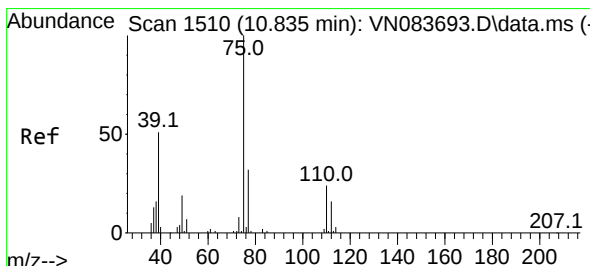
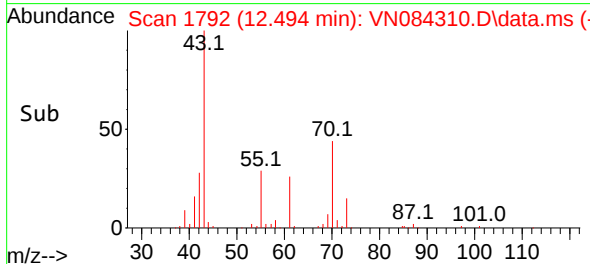
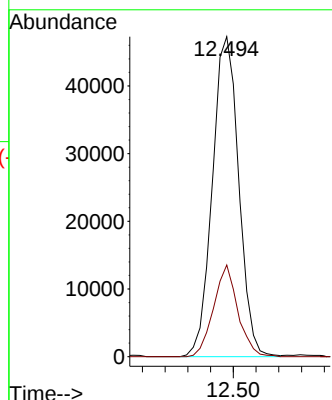
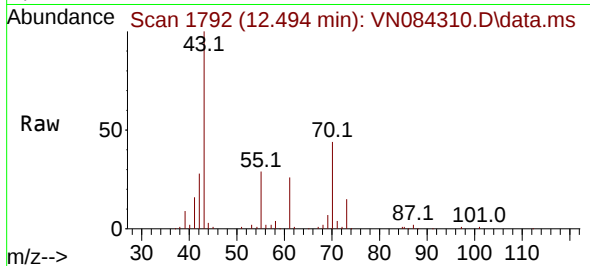




#47
n-amy1 Acetate
Concen: 21.633 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

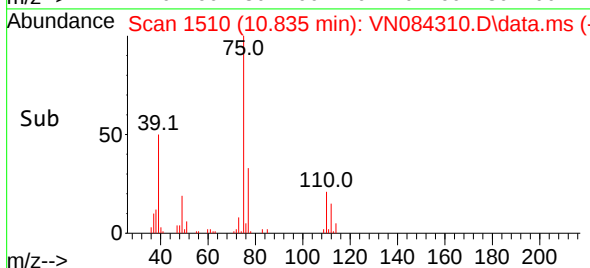
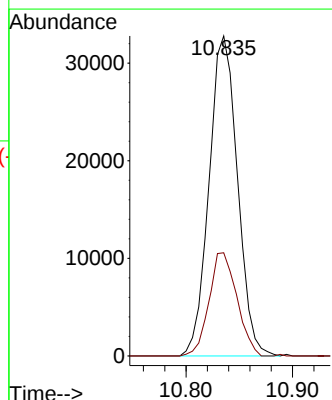
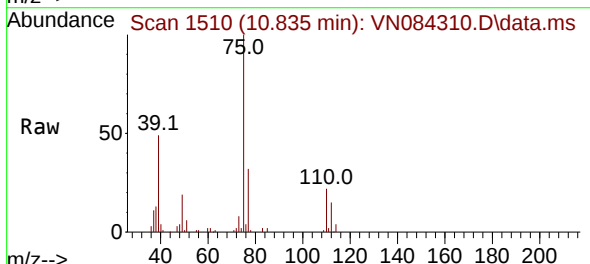
Instrument :
MSVOA_N
ClientSampleId :

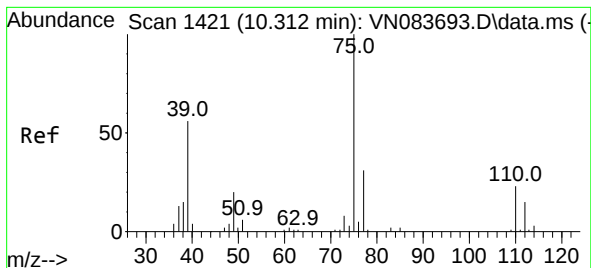
Tgt Ion: 43 Resp: 76288
Ion Ratio Lower Upper
43 100
55 26.3 23.4 35.2



#48
t-1,3-Dichloropropene
Concen: 21.207 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion: 75 Resp: 60759
Ion Ratio Lower Upper
75 100
77 32.3 23.8 35.6



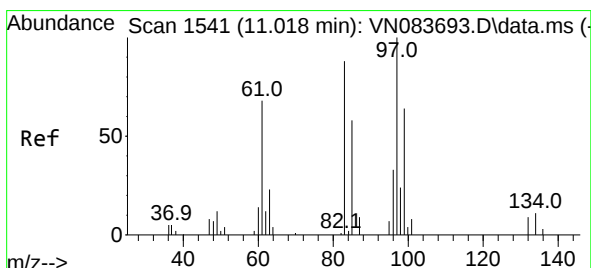
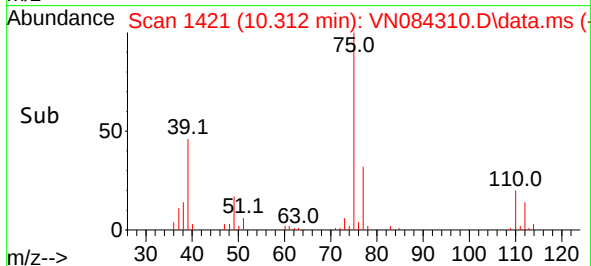
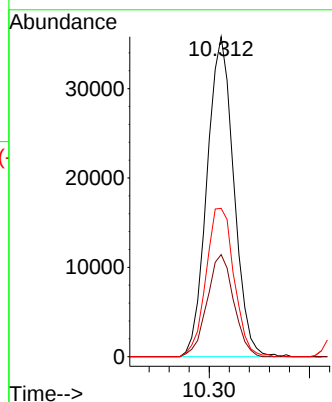
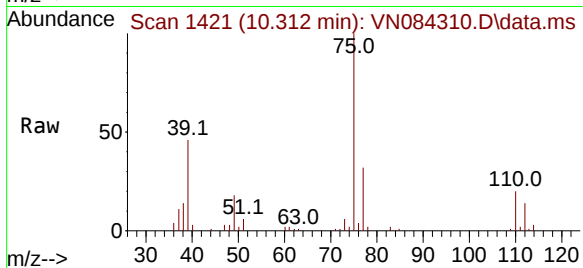


#49
 cis-1,3-Dichloropropene
 Concen: 22.246 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN084310.D
 Acq: 04 Oct 2024 11:31

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 66287

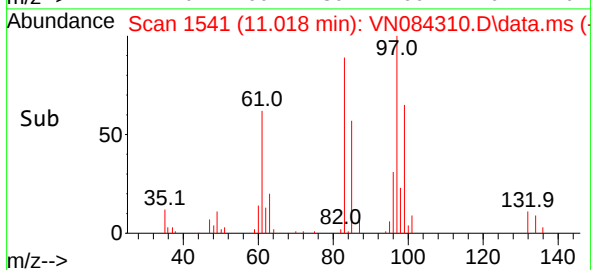
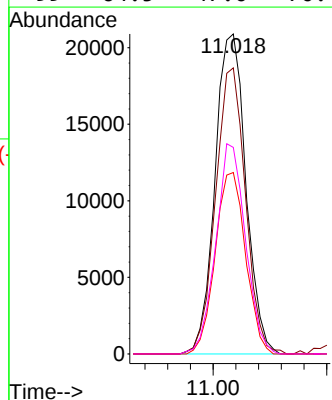
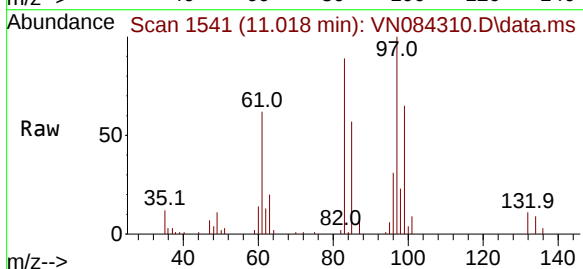
Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.9	37.3
39	46.4	31.0	46.6

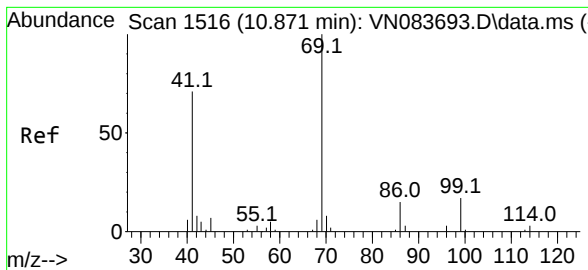


#50
 1,1,2-Trichloroethane
 Concen: 24.133 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN084310.D
 Acq: 04 Oct 2024 11:31

Tgt Ion: 97 Resp: 39334

Ion	Ratio	Lower	Upper
97	100		
83	89.4	68.1	102.1
85	56.7	41.8	62.6
99	64.5	47.0	70.4

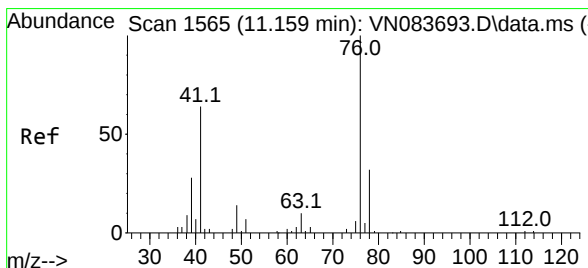
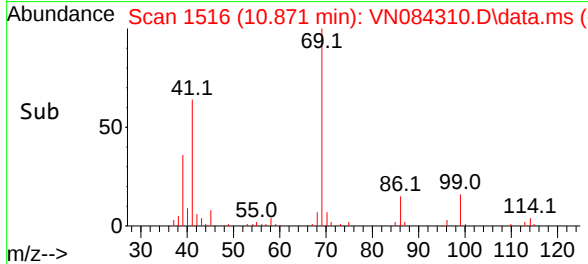
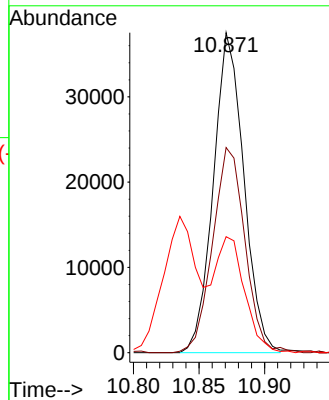
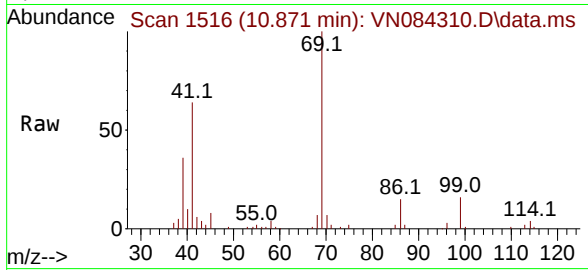




#51
Ethyl methacrylate
Concen: 21.758 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

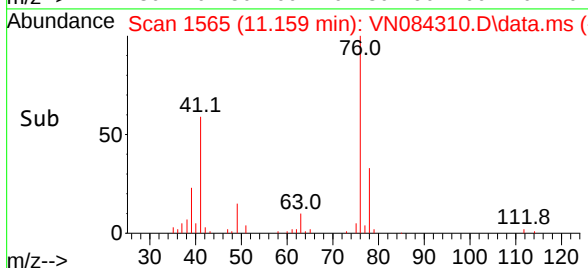
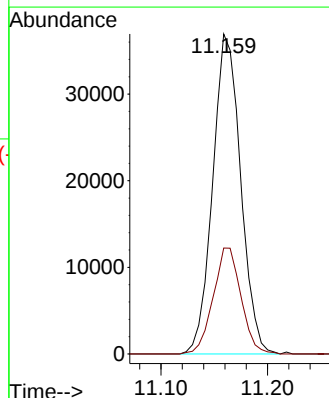
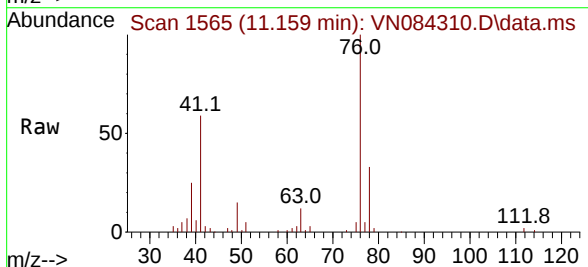
Instrument :
MSVOA_N
ClientSampleId :

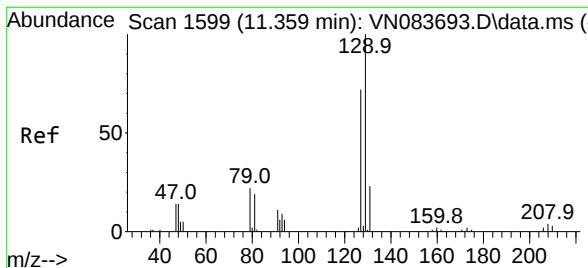
Tgt Ion: 69 Resp: 60586
Ion Ratio Lower Upper
69 100
41 63.7 25.5 76.5
39 35.9 16.0 47.9



#52
1,3-Dichloropropane
Concen: 22.854 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion: 76 Resp: 67269
Ion Ratio Lower Upper
76 100
78 33.0 0.0 65.8

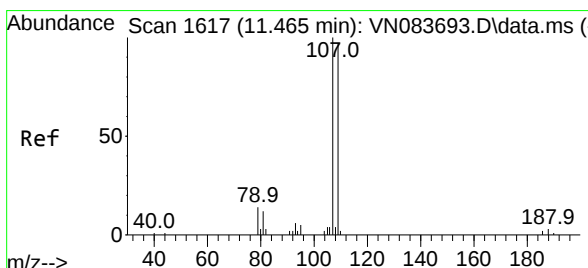
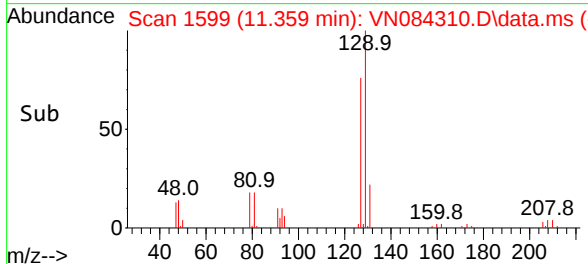
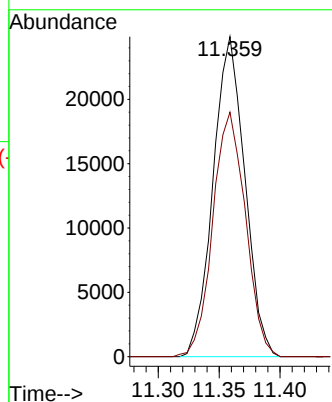
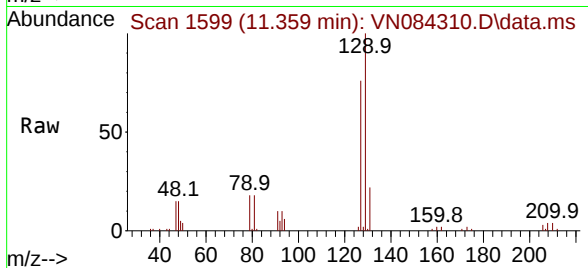




#53
Dibromochloromethane
Concen: 23.097 ug/l
RT: 11.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

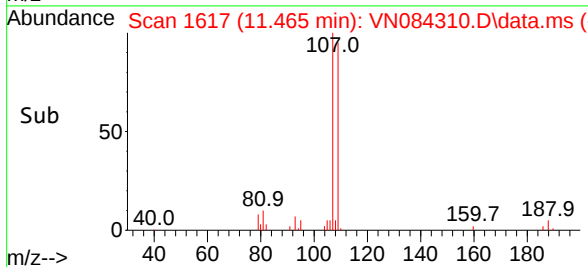
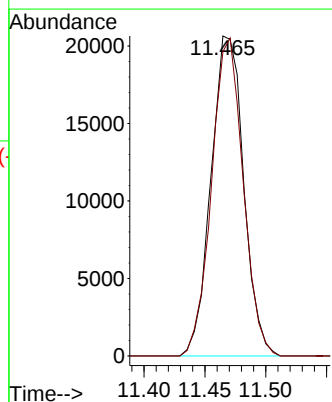
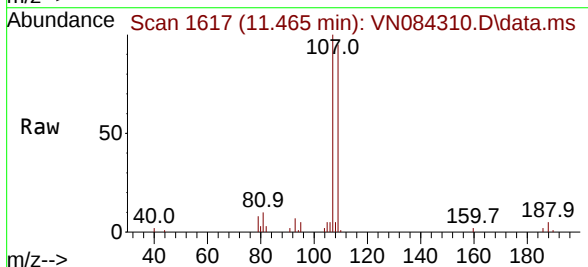
Instrument :
MSVOA_N
ClientSampleId :

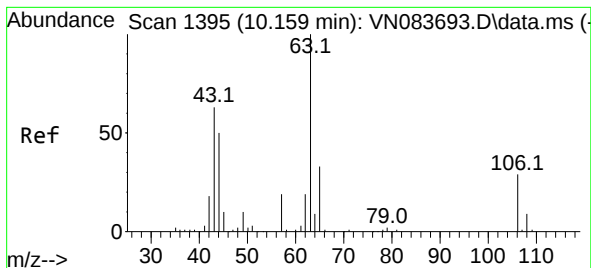
Tgt Ion:129 Resp: 45153
Ion Ratio Lower Upper
129 100
127 78.4 39.4 118.1



#54
1,2-Dibromoethane
Concen: 22.801 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion:107 Resp: 38446
Ion Ratio Lower Upper
107 100
109 96.1 74.7 112.1

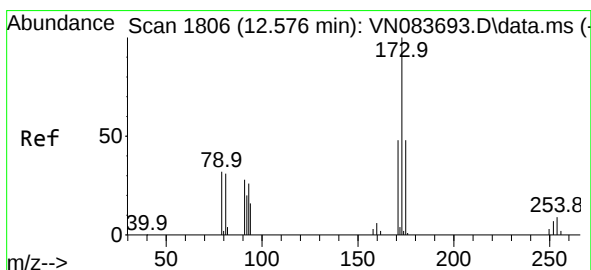
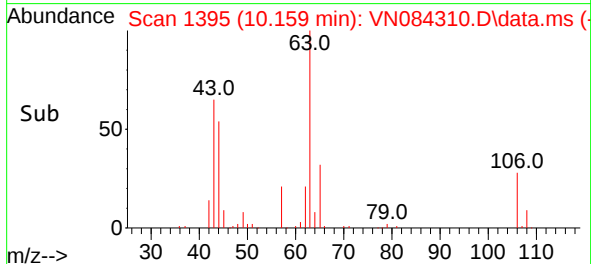
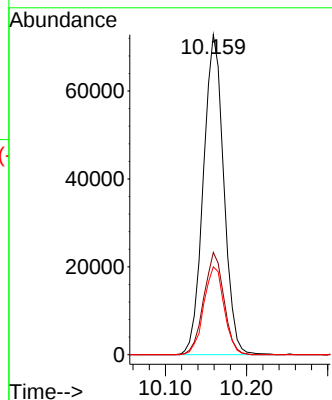
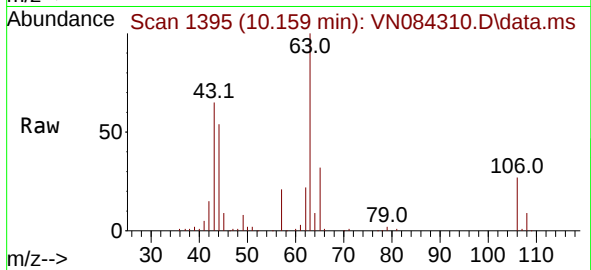




#55
2-Chloroethyl vinyl ether
Concen: 114.395 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

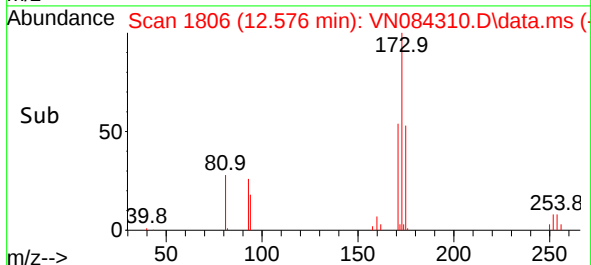
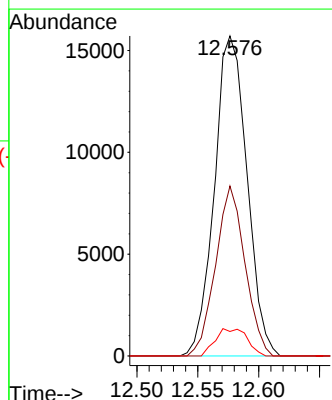
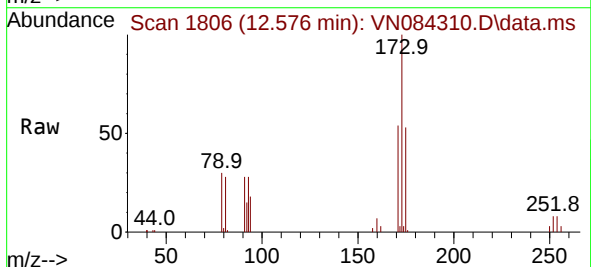
Instrument :
MSVOA_N
ClientSampleId :

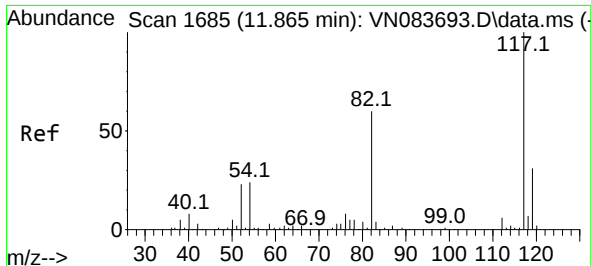
Tgt Ion: 63 Resp: 126948
Ion Ratio Lower Upper
63 100
65 31.5 26.2 39.2
106 27.4 23.8 35.8



#56
Bromoform
Concen: 23.542 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

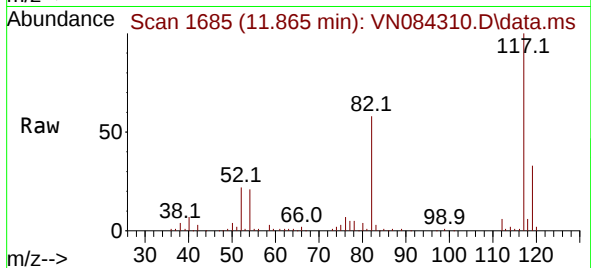
Tgt Ion:173 Resp: 29240
Ion Ratio Lower Upper
173 100
175 47.9 40.0 60.0
254 4.5 8.3 12.5#



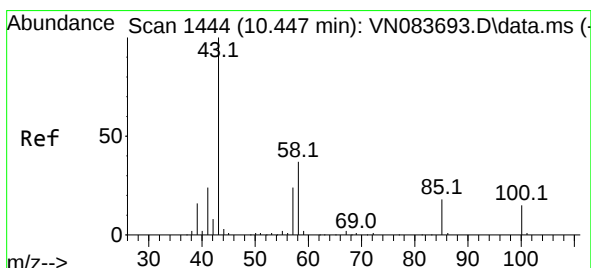
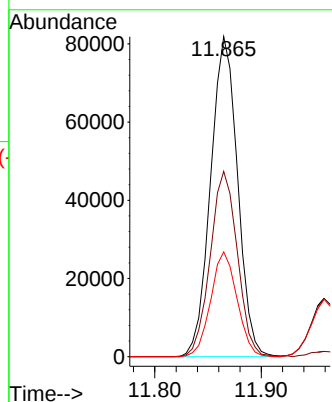
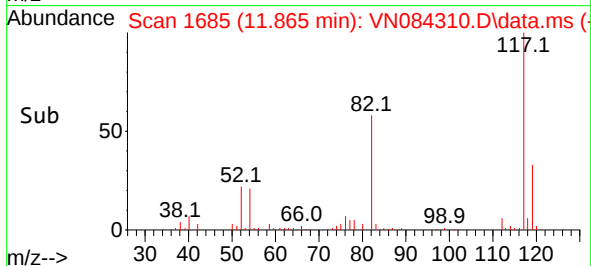


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

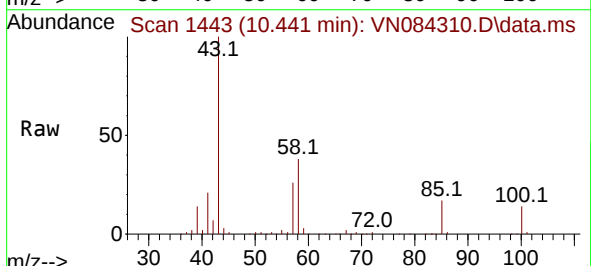
Instrument :
MSVOA_N
ClientSampleId :



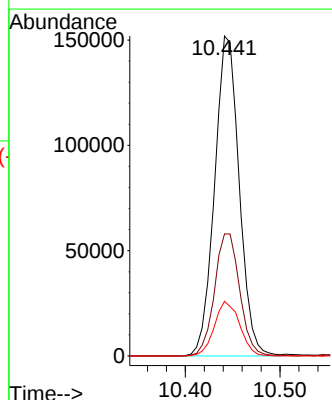
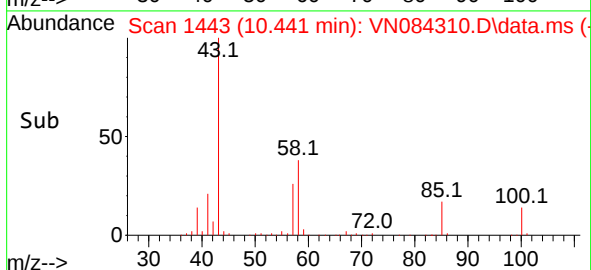
Tgt Ion:117 Resp: 144076
Ion Ratio Lower Upper
117 100
82 58.2 46.6 69.8
119 31.9 25.4 38.2

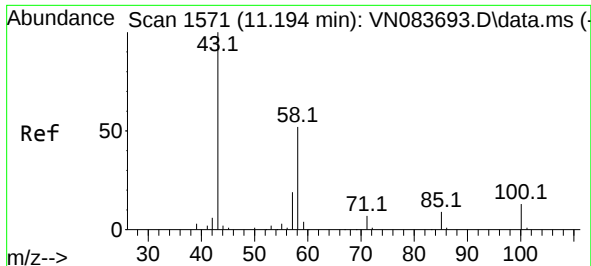


#58
4-Methyl-2-Pentanone
Concen: 120.134 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31



Tgt Ion: 43 Resp: 274446
Ion Ratio Lower Upper
43 100
58 39.1 36.5 54.7
85 17.5 19.5 29.3#

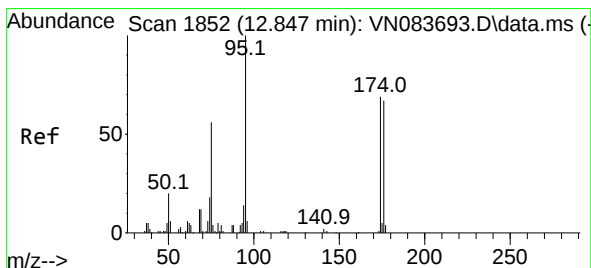
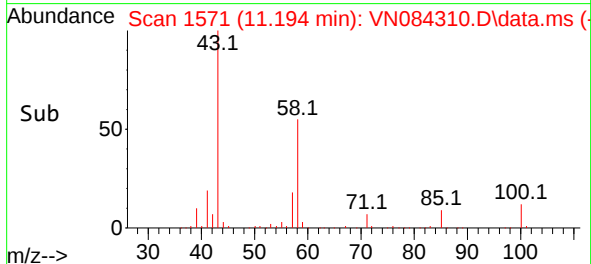
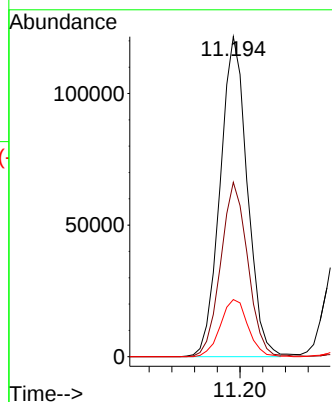
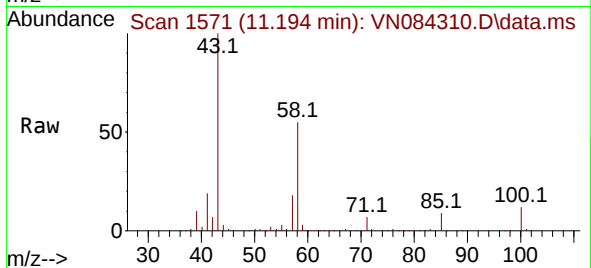




#59
2-Hexanone
Concen: 116.978 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

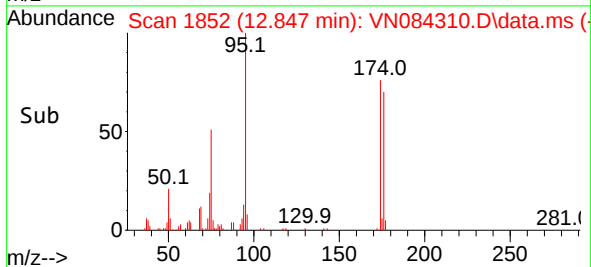
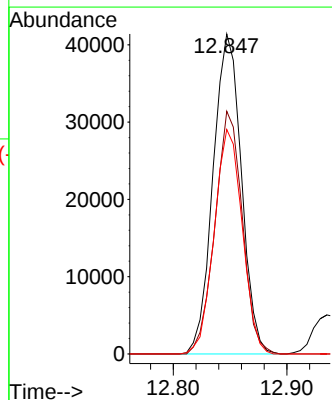
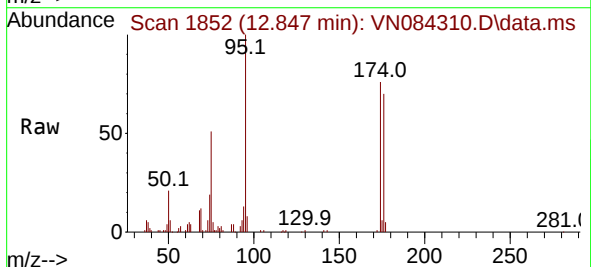
Instrument :
MSVOA_N
ClientSampleId :

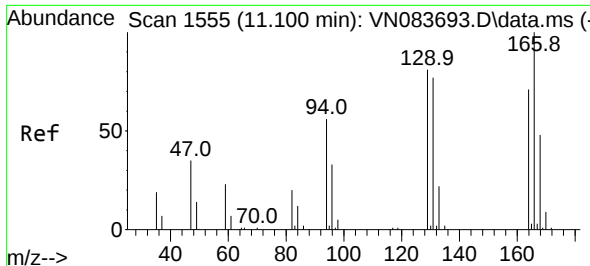
Tgt Ion: 43 Resp: 201927
Ion Ratio Lower Upper
43 100
58 54.0 50.4 75.6
57 18.1 18.6 27.8#



#60
4-Bromofluorobenzene
Concen: 28.840 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

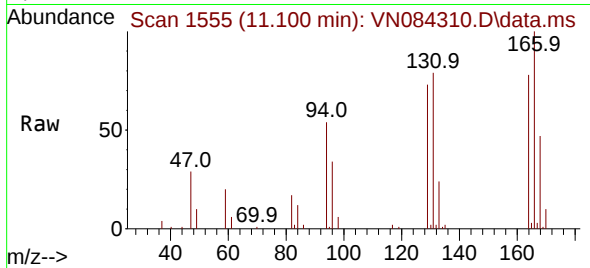
Tgt Ion: 95 Resp: 71613
Ion Ratio Lower Upper
95 100
174 73.2 60.5 90.7
176 69.7 57.8 86.6



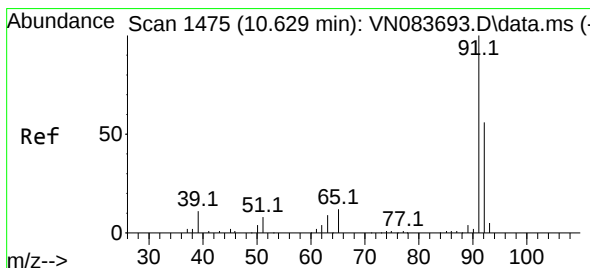
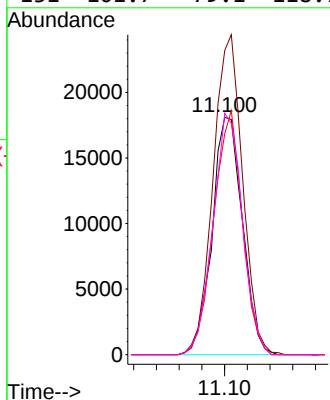
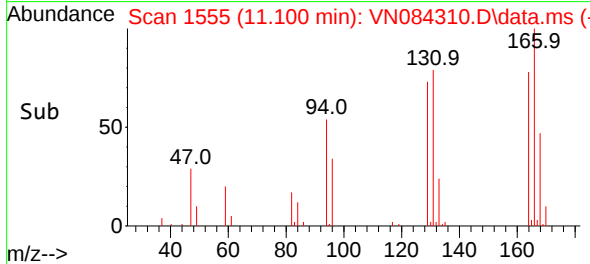


#61
Tetrachloroethene
Concen: 22.033 ug/l
RT: 11.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Instrument :
MSVOA_N
ClientSampleId :

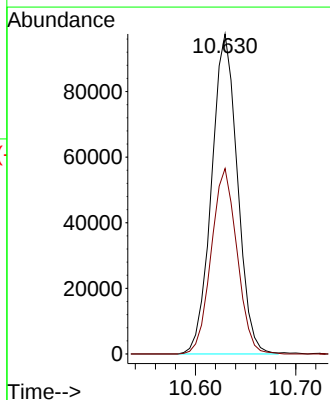
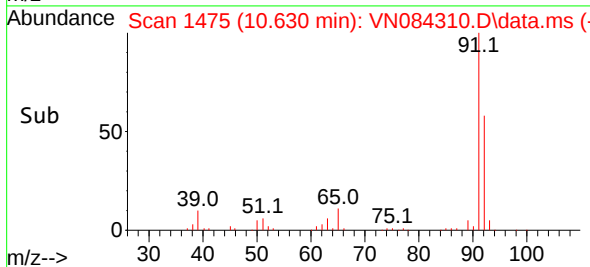
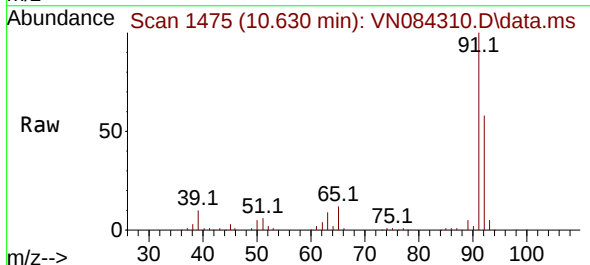


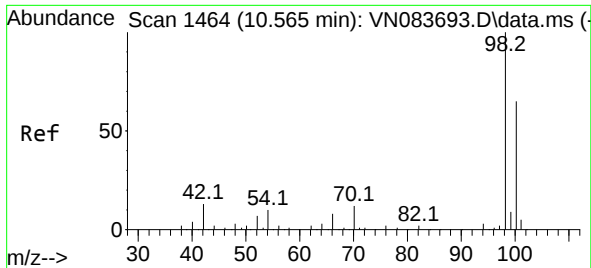
Tgt Ion:164 Resp: 33595
Ion Ratio Lower Upper
164 100
166 128.2 106.7 160.1
129 93.1 85.8 128.6
131 101.7 79.1 118.7



#62
Toluene
Concen: 21.094 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion: 91 Resp: 174684
Ion Ratio Lower Upper
91 100
92 57.8 46.5 69.7

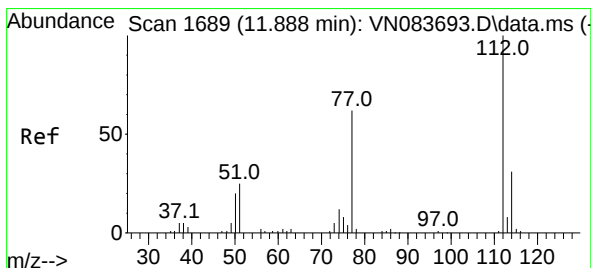
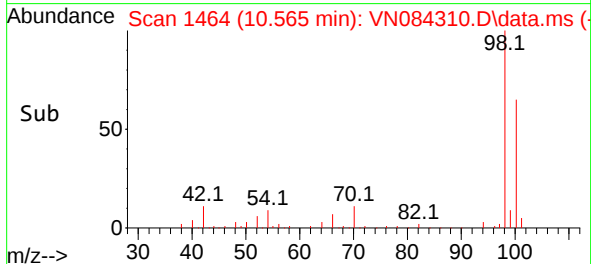
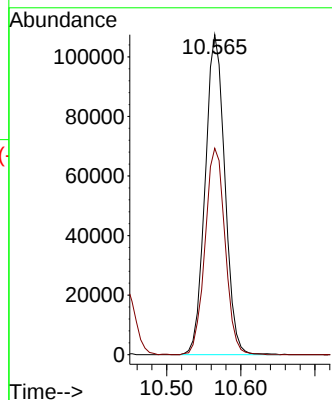
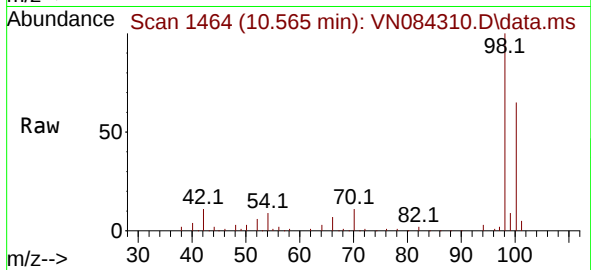




#63
Toluene-d8
Concen: 29.633 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

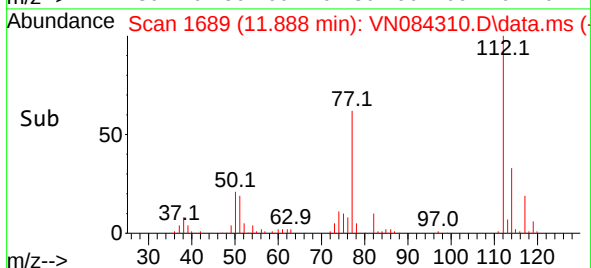
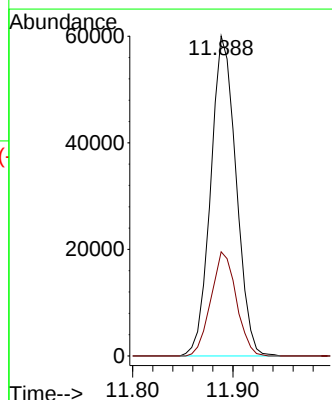
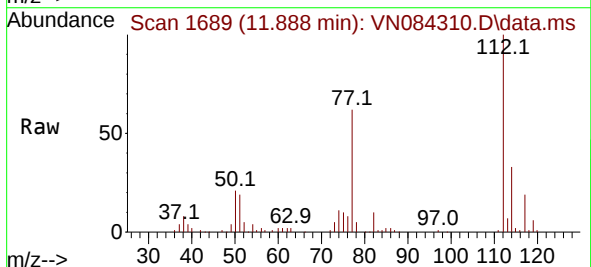
Instrument :
MSVOA_N
ClientSampleId :

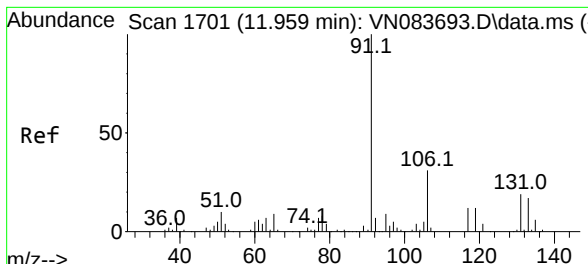
Tgt Ion: 98 Resp: 197689
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1



#64
Chlorobenzene
Concen: 20.608 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion: 112 Resp: 105659
Ion Ratio Lower Upper
112 100
114 32.5 26.6 39.8

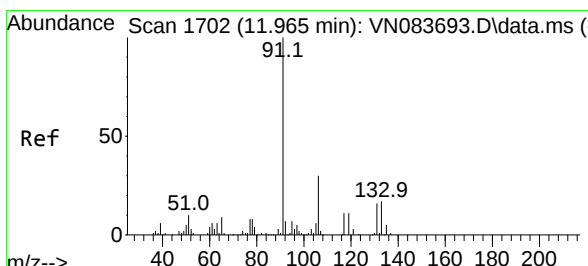
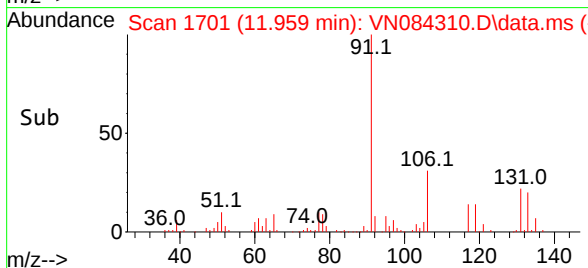
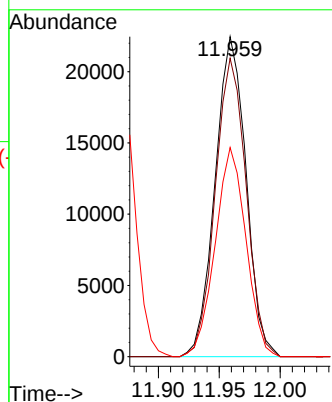
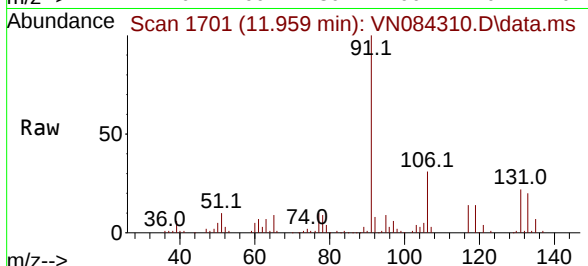




#65
 1,1,1,2-Tetrachloroethane
 Concen: 22.176 ug/l
 RT: 11.959 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN084310.D
 Acq: 04 Oct 2024 11:31

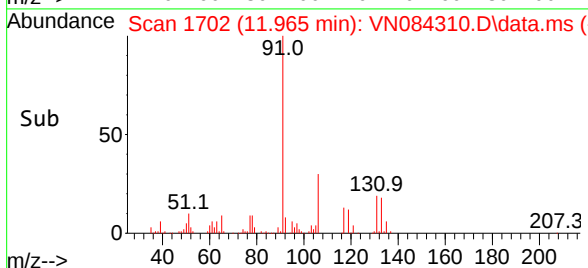
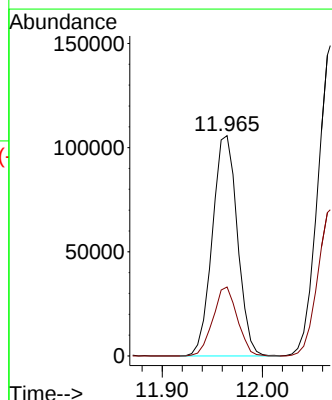
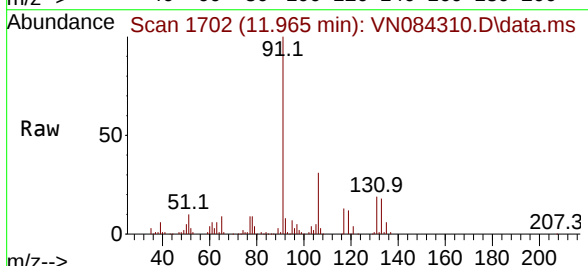
Instrument :
 MSVOA_N
 ClientSampleId :

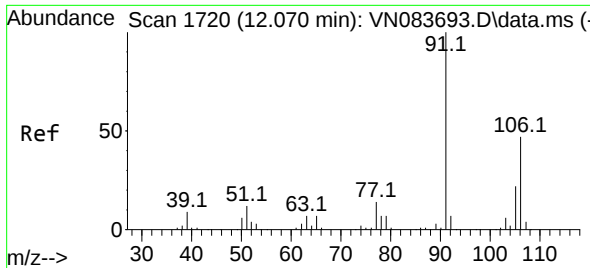
Tgt Ion:131 Resp: 39608
 Ion Ratio Lower Upper
 131 100
 133 93.2 0.0 188.0
 119 65.1 0.0 122.8



#66
 Ethyl Benzene
 Concen: 19.496 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN084310.D
 Acq: 04 Oct 2024 11:31

Tgt Ion: 91 Resp: 183598
 Ion Ratio Lower Upper
 91 100
 106 31.3 24.4 36.6

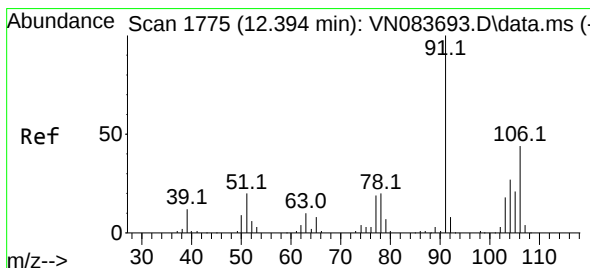
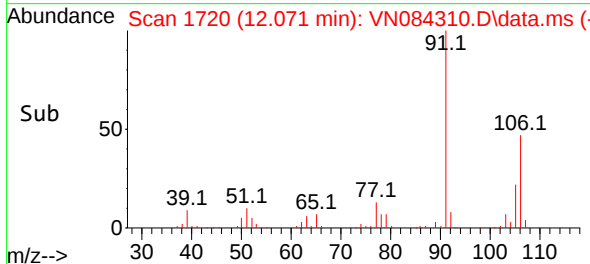
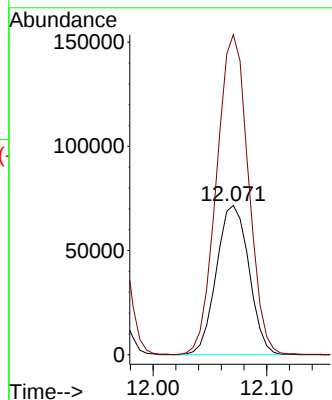
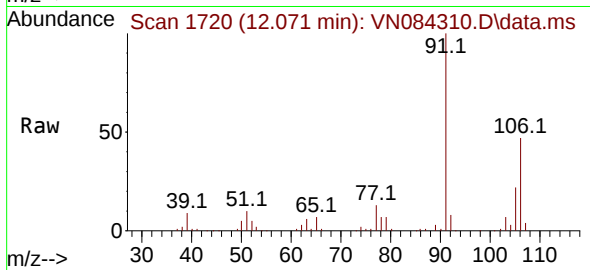




#67
m/p-Xylenes
Concen: 41.136 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

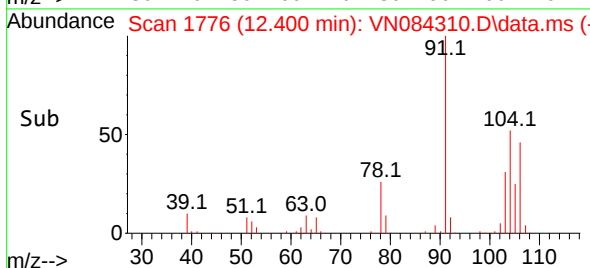
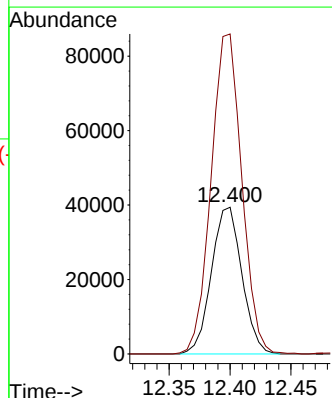
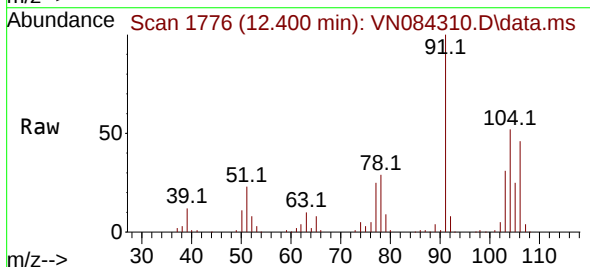
Instrument :
MSVOA_N
ClientSampleId :

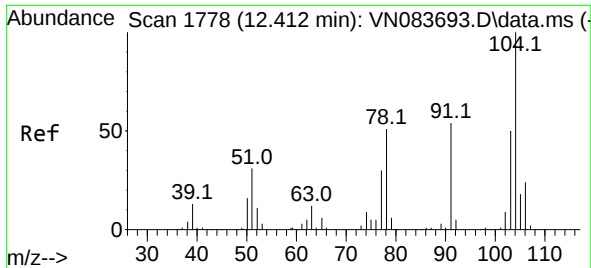
Tgt Ion:106 Resp: 142525
Ion Ratio Lower Upper
106 100
91 210.0 166.6 249.8



#68
o-Xylene
Concen: 20.454 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion:106 Resp: 68589
Ion Ratio Lower Upper
106 100
91 219.4 110.0 330.0

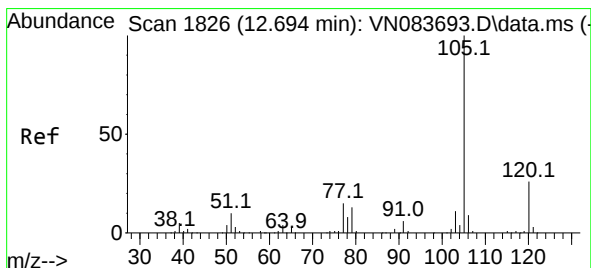
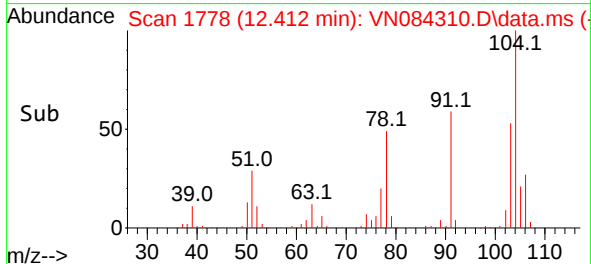
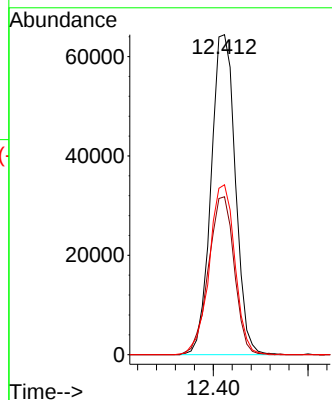
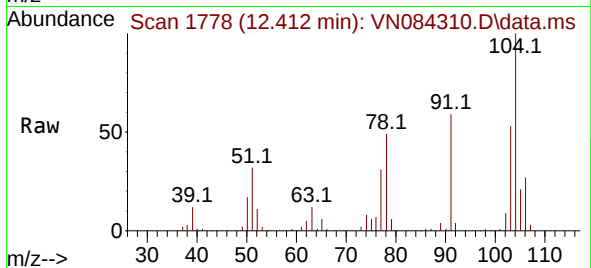




#69
Styrene
Concen: 20.274 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

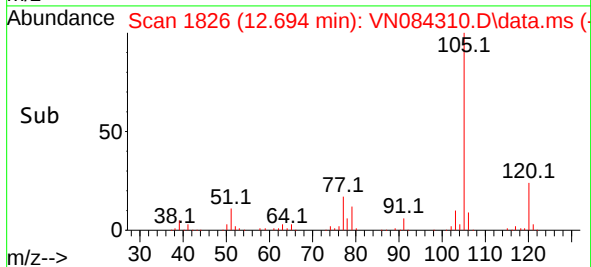
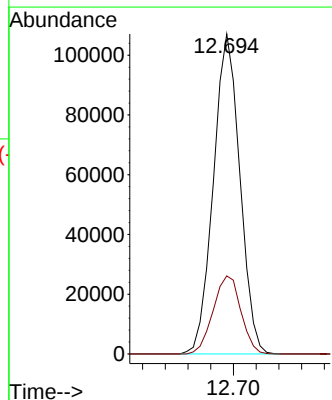
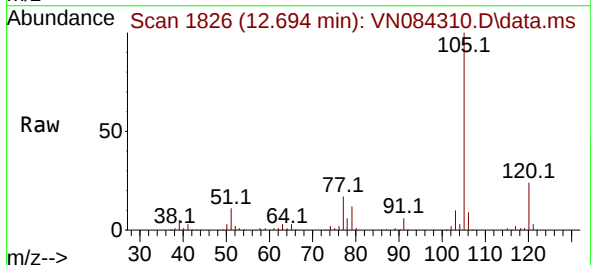
Instrument :
MSVOA_N
ClientSampleId :

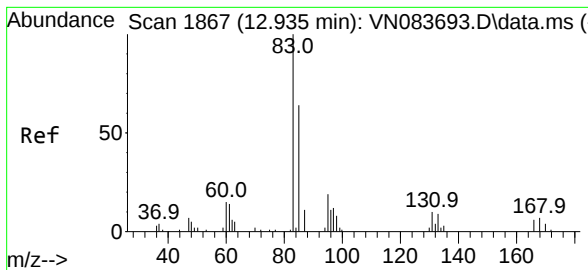
Tgt Ion:104 Resp: 114869
Ion Ratio Lower Upper
104 100
78 52.2 42.6 64.0
103 55.9 43.7 65.5



#70
Isopropylbenzene
Concen: 19.597 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion:105 Resp: 173419
Ion Ratio Lower Upper
105 100
120 25.5 17.8 33.1

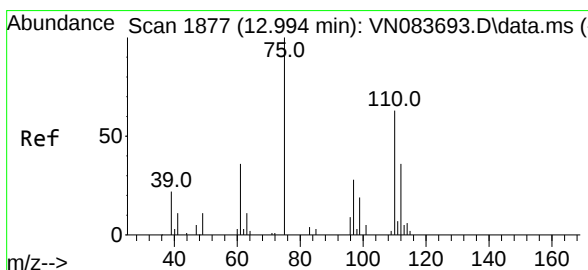
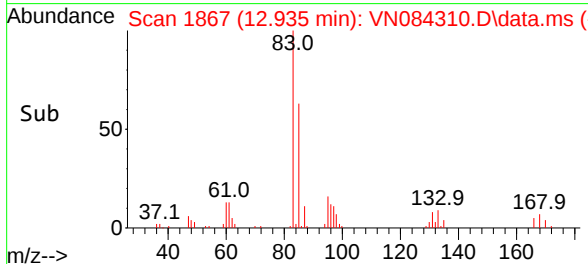
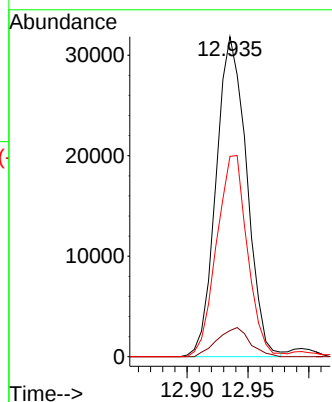
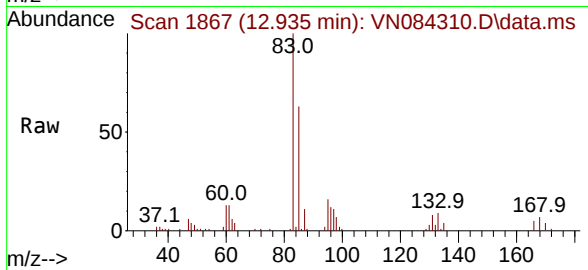




#71
 1,1,2,2-Tetrachloroethane
 Concen: 23.042 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN084310.D
 Acq: 04 Oct 2024 11:31

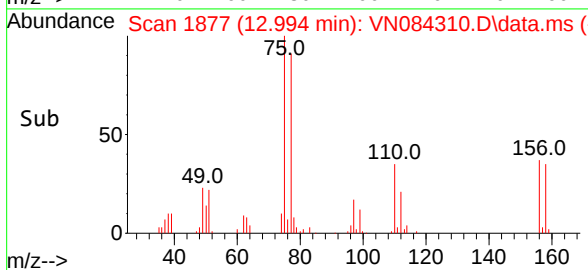
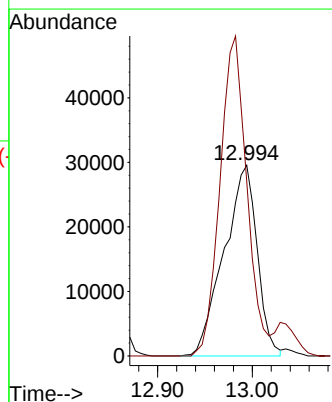
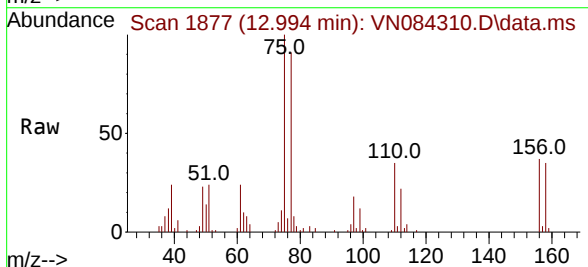
Instrument :
 MSVOA_N
 ClientSampleId :

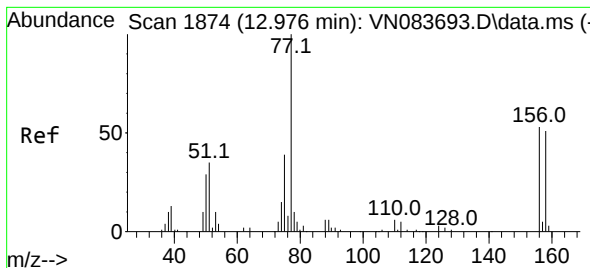
Tgt Ion: 83 Resp: 55691
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.2 15.6
 85 63.3 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 33.813 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN084310.D
 Acq: 04 Oct 2024 11:31

Tgt Ion: 75 Resp: 71652
 Ion Ratio Lower Upper
 75 100
 77 136.1 0.0 367.6





#73

Bromobenzene

Concen: 21.132 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN084310.D

Acq: 04 Oct 2024 11:31

Instrument :

MSVOA_N

ClientSampleId :

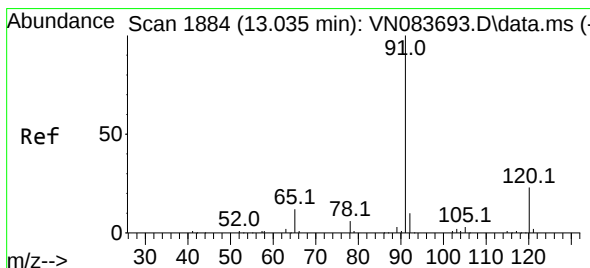
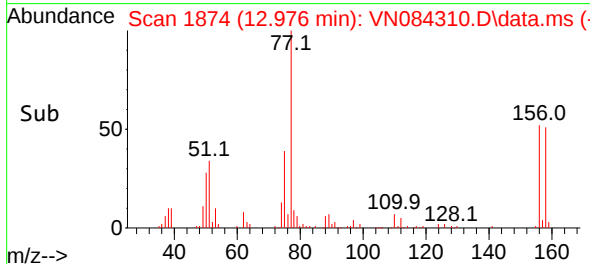
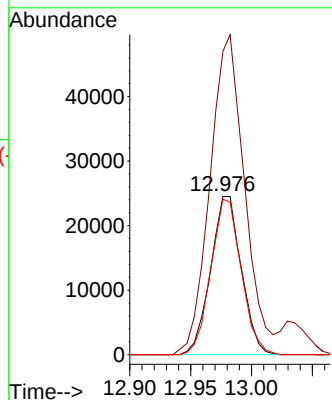
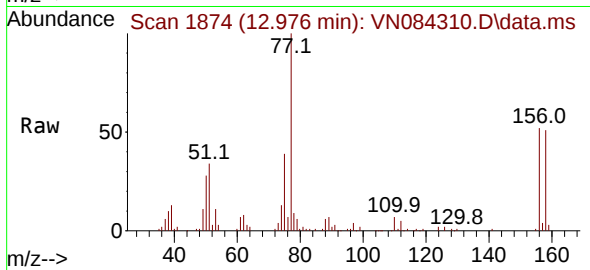
Tgt Ion:156 Resp: 42952

Ion Ratio Lower Upper

156 100

77 227.1 0.0 437.6

158 97.2 0.0 203.8



#74

n-propylbenzene

Concen: 19.981 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084310.D

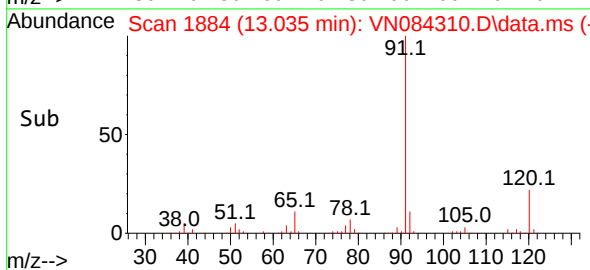
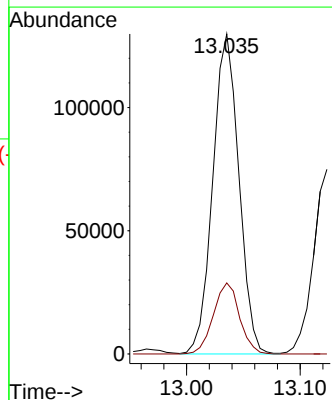
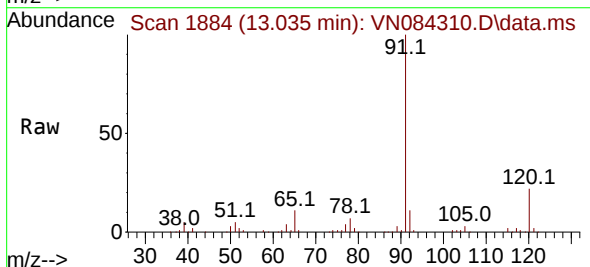
Acq: 04 Oct 2024 11:31

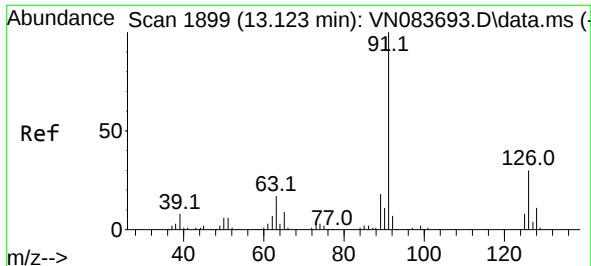
Tgt Ion: 91 Resp: 206980

Ion Ratio Lower Upper

91 100

120 22.2 0.0 43.8

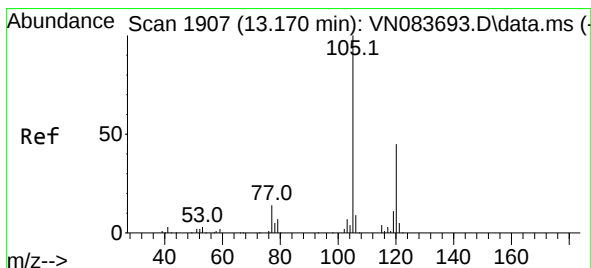
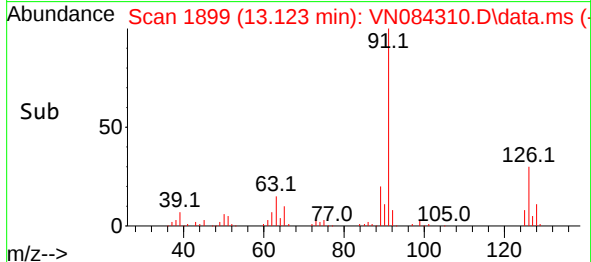
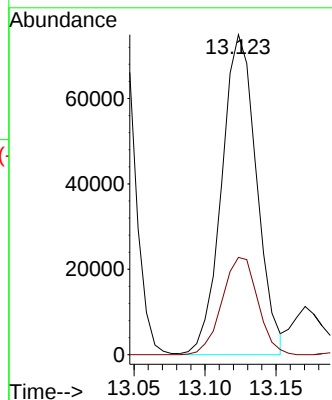
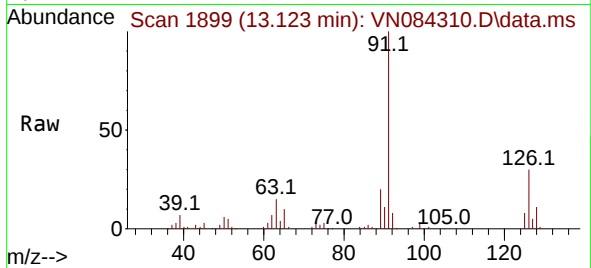




#75
2-Chlorotoluene
Concen: 19.808 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

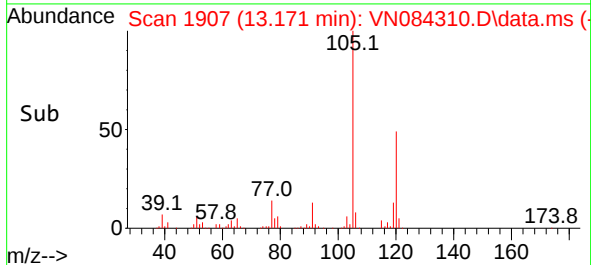
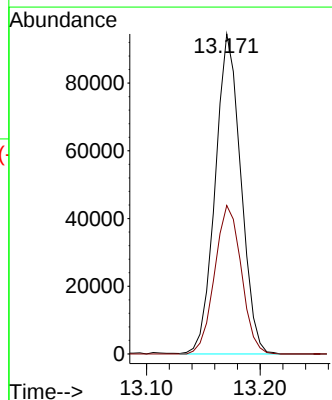
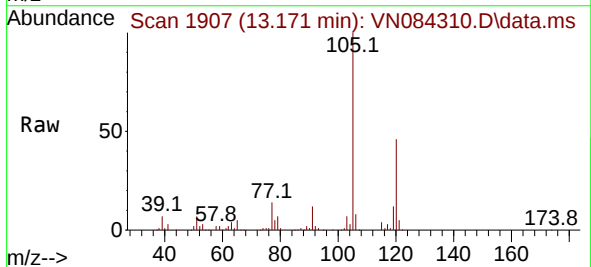
Instrument :
MSVOA_N
ClientSampleId :

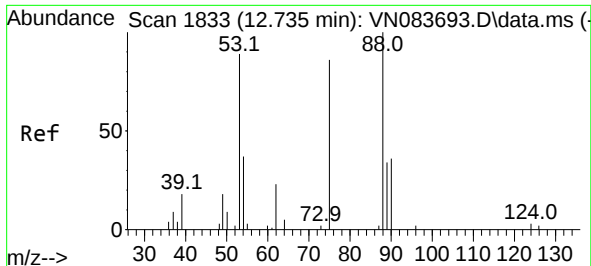
Tgt Ion: 91 Resp: 128066
Ion Ratio Lower Upper
91 100
126 31.1 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 20.051 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion:105 Resp: 148215
Ion Ratio Lower Upper
105 100
120 48.2 0.0 95.8

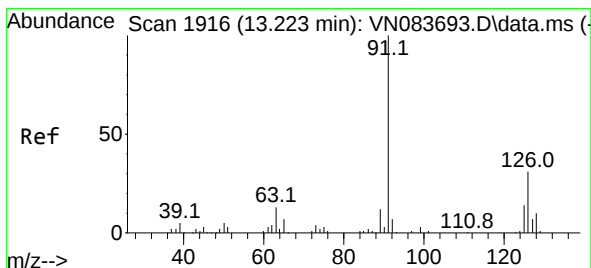
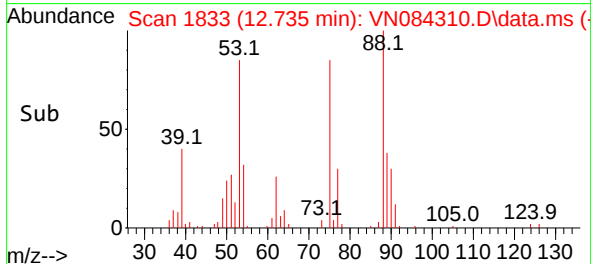
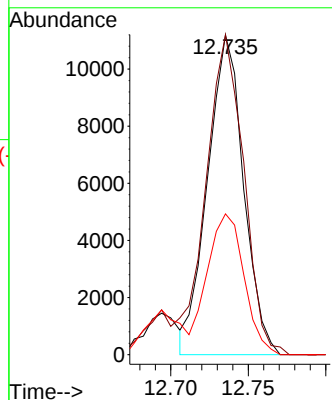
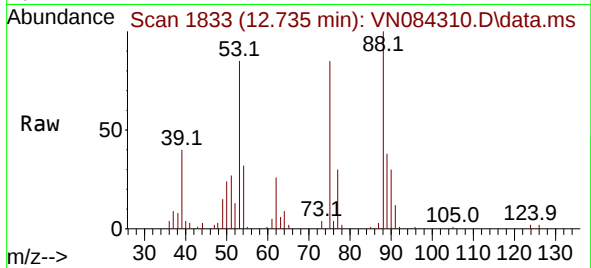




#77
t-1,4-Dichloro-2-butene
Concen: 20.152 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

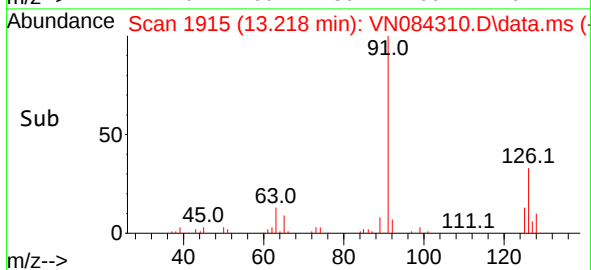
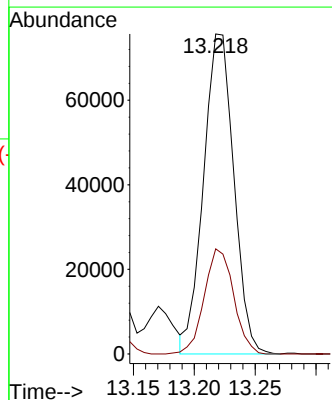
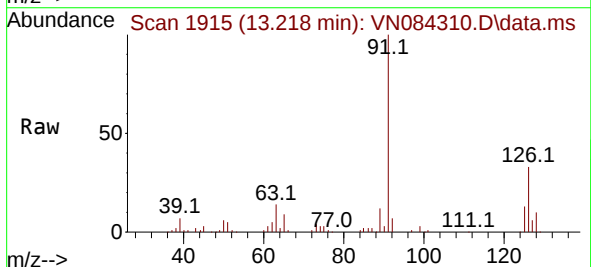
Instrument :
MSVOA_N
ClientSampleId :

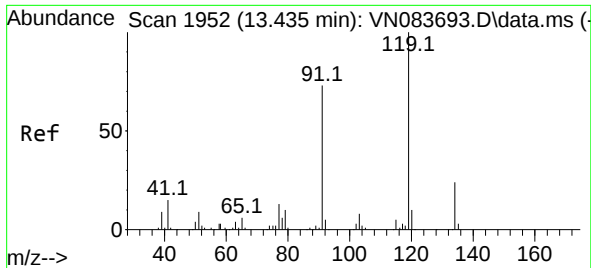
Tgt Ion: 75 Resp: 18050
Ion Ratio Lower Upper
75 100
53 97.7 45.9 137.7
89 44.1 25.9 77.7



#78
4-Chlorotoluene
Concen: 20.015 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion: 91 Resp: 131232
Ion Ratio Lower Upper
91 100
126 31.8 0.0 62.8

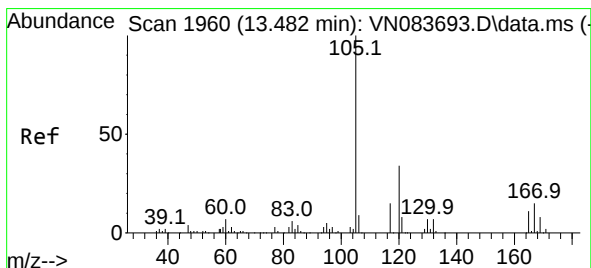
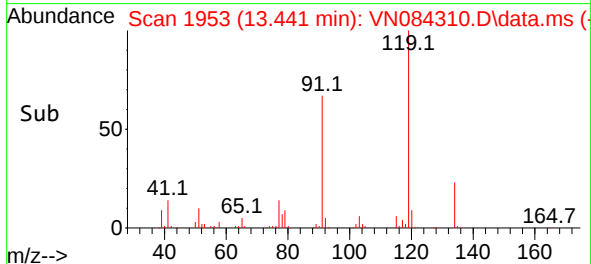
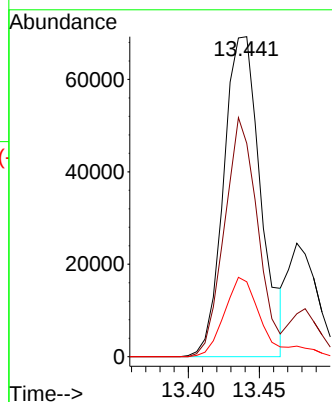
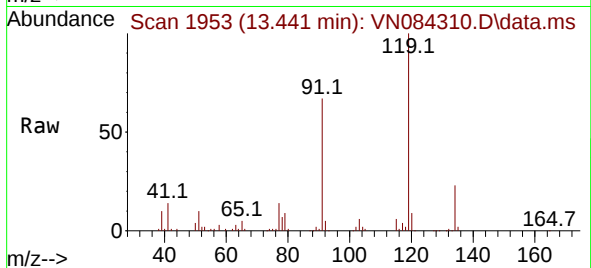




#79
tert-butylbenzene
Concen: 19.442 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

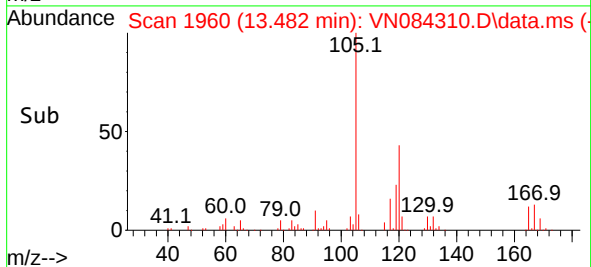
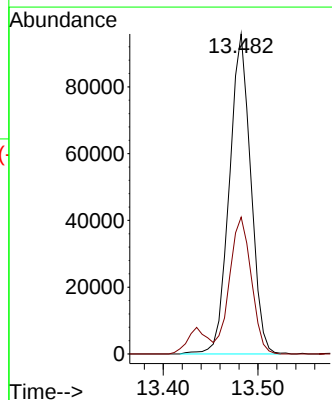
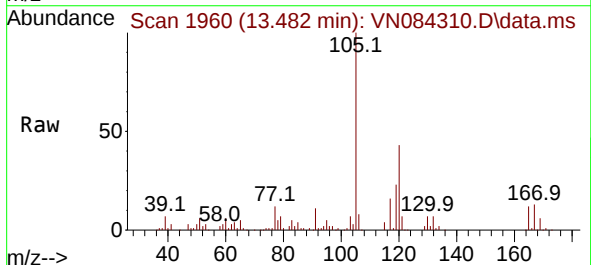
Instrument :
MSVOA_N
ClientSampleId :

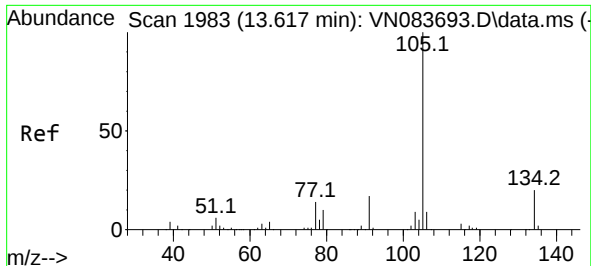
Tgt Ion:119 Resp: 125673
Ion Ratio Lower Upper
119 100
91 67.3 0.0 138.8
134 23.7 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 20.154 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion:105 Resp: 150546
Ion Ratio Lower Upper
105 100
120 43.3 0.0 86.8

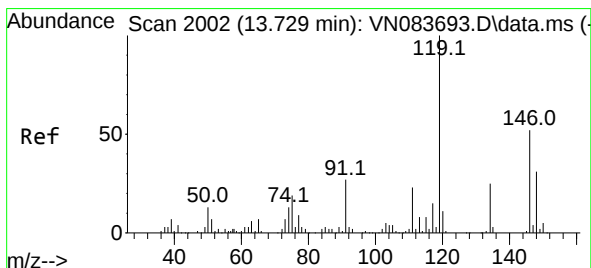
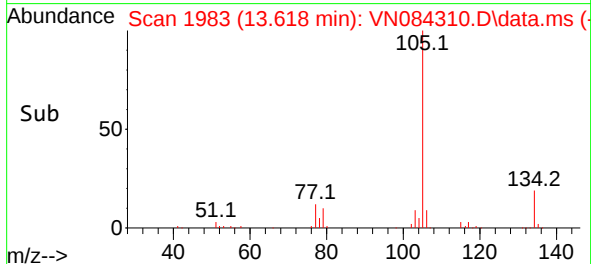
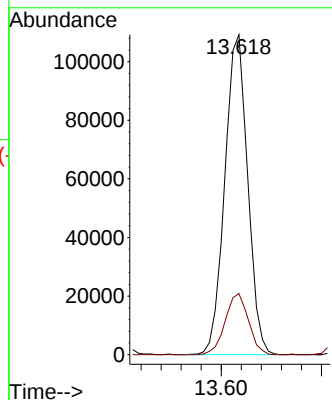
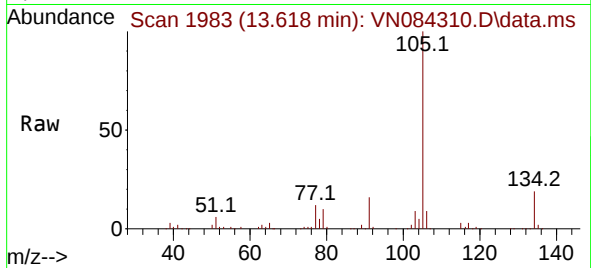




#81
 sec-Butylbenzene
 Concen: 19.574 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN084310.D
 Acq: 04 Oct 2024 11:31

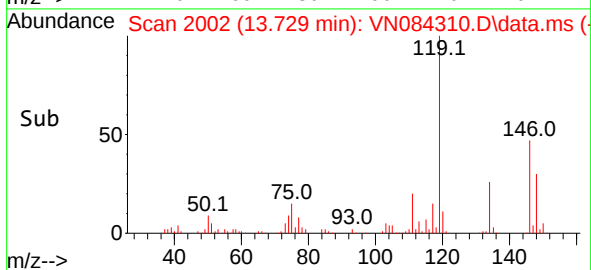
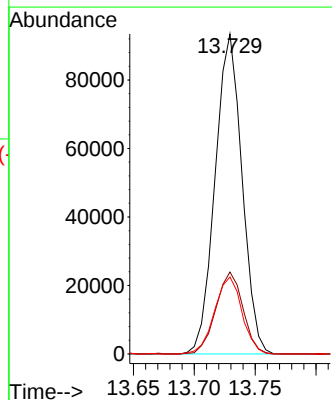
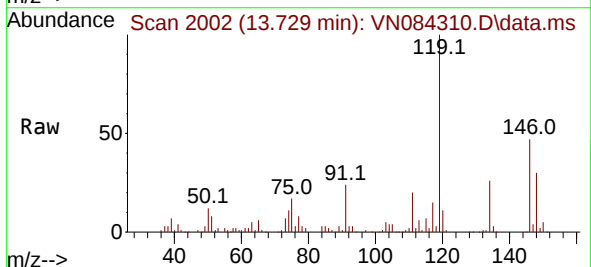
Instrument :
 MSVOA_N
 ClientSampleId :

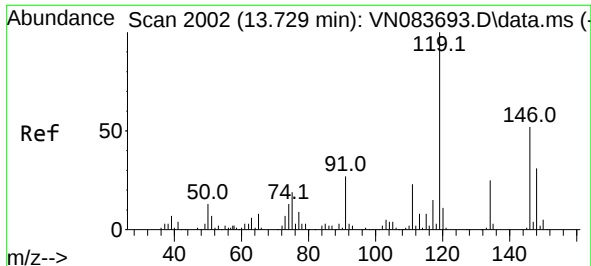
Tgt Ion:105 Resp: 172841
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 19.353 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084310.D
 Acq: 04 Oct 2024 11:31

Tgt Ion:119 Resp: 143783
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 49.2
 91 24.6 0.0 48.8

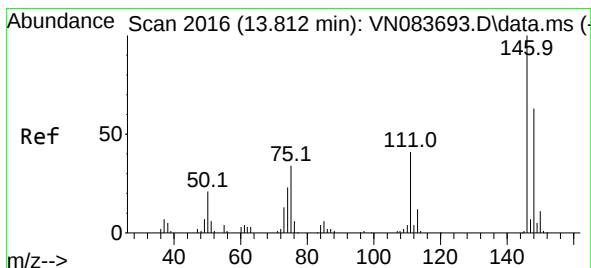
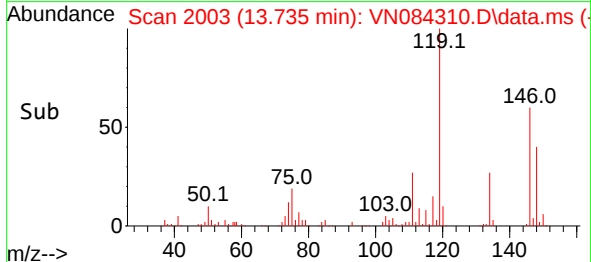
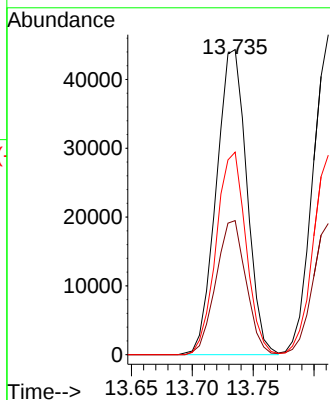
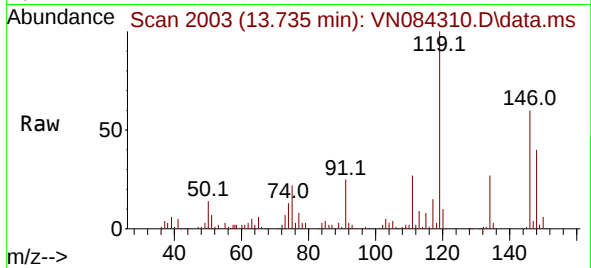




#83
1,3-Dichlorobenzene
Concen: 19.773 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

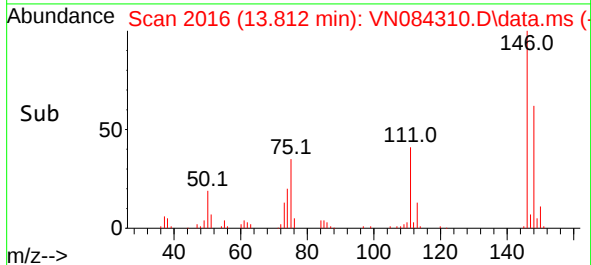
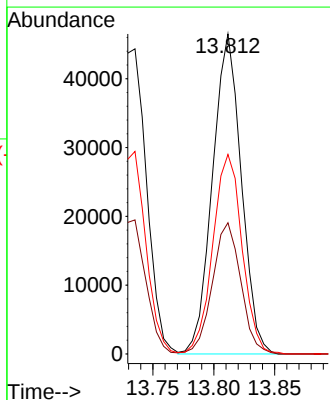
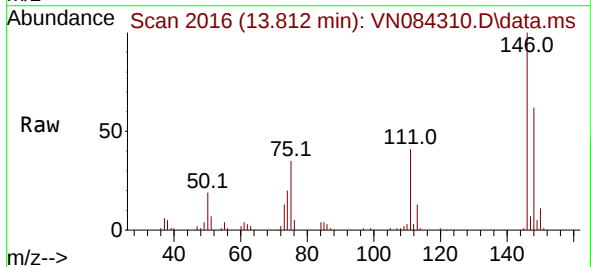
Instrument :
MSVOA_N
ClientSampleId :

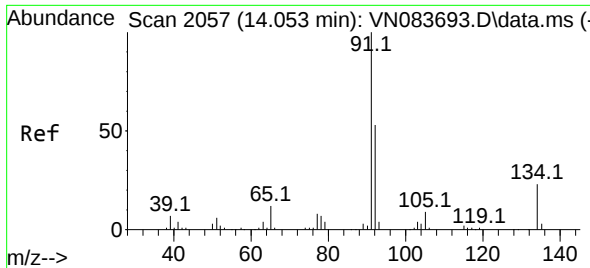
Tgt Ion:146 Resp: 77352
Ion Ratio Lower Upper
146 100
111 43.4 22.4 67.0
148 64.9 32.1 96.5



#84
1,4-Dichlorobenzene
Concen: 19.590 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion:146 Resp: 76617
Ion Ratio Lower Upper
146 100
111 40.4 21.3 63.9
148 63.3 31.9 95.5

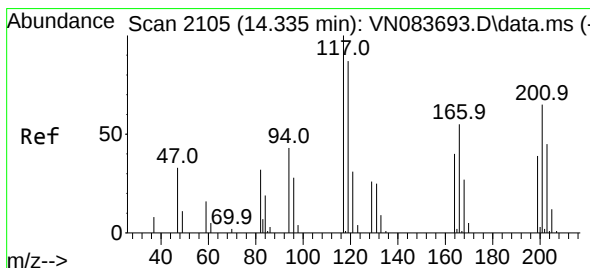
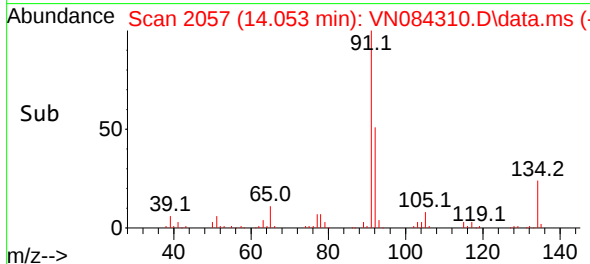
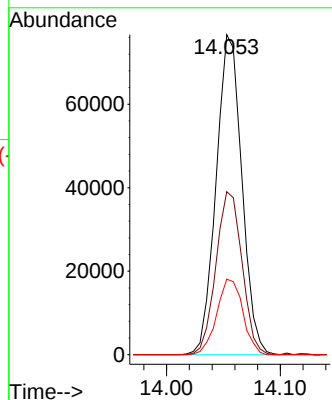
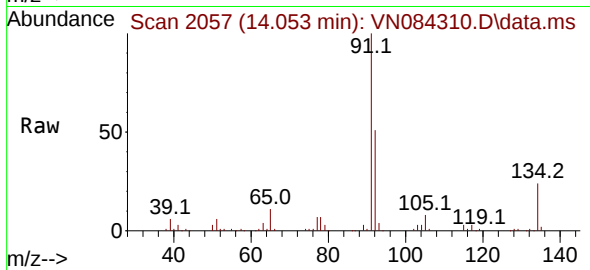




#85
n-Butylbenzene
Concen: 18.416 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

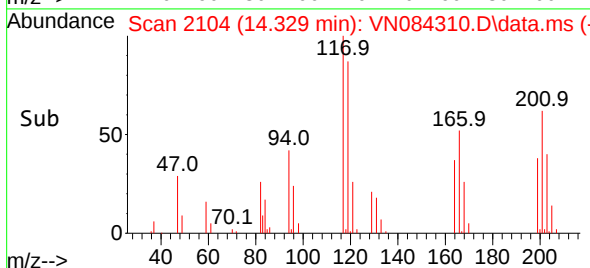
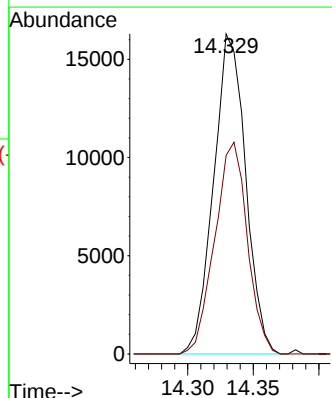
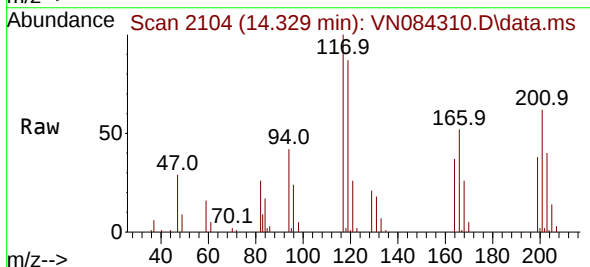
Instrument :
MSVOA_N
ClientSampleId :

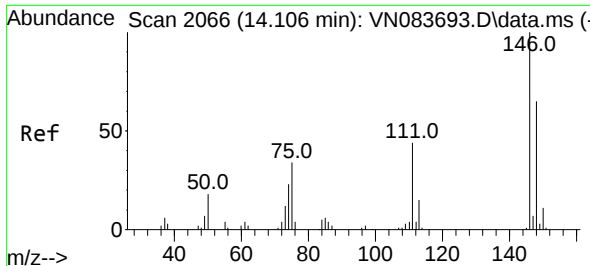
Tgt Ion: 91 Resp: 120737
Ion Ratio Lower Upper
91 100
92 51.6 0.0 105.0
134 23.9 0.0 51.8



#86
Hexachloroethane
Concen: 19.665 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

Tgt Ion: 117 Resp: 27687
Ion Ratio Lower Upper
117 100
201 67.2 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 20.006 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084310.D

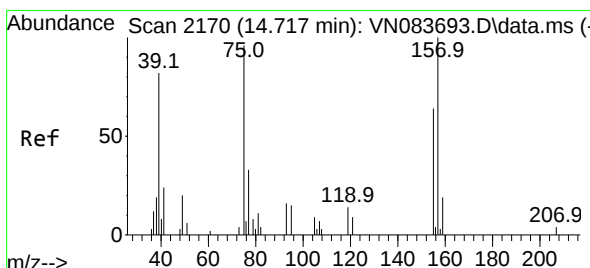
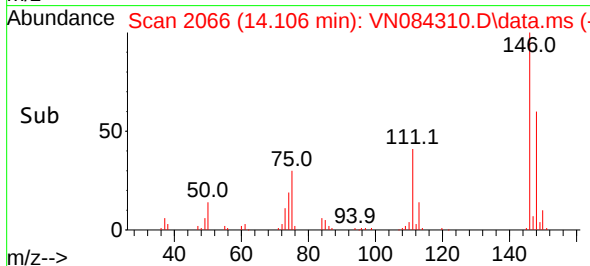
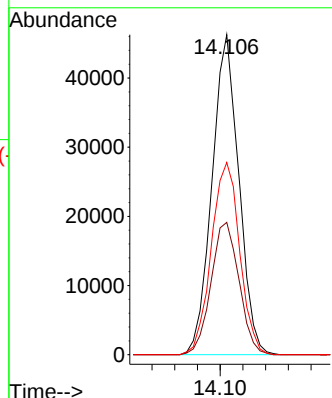
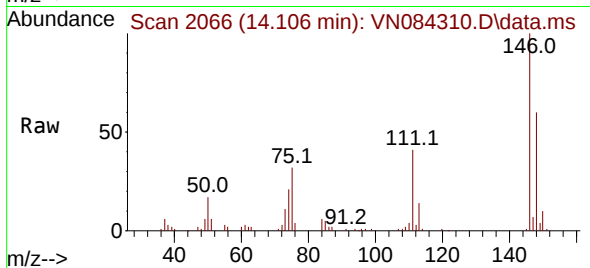
Acq: 04 Oct 2024 11:31

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:146	Resp:	75954
Ion	Ratio	Lower Upper
146	100	
111	43.1	22.6 67.8
148	63.5	31.3 93.8



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.446 ug/l

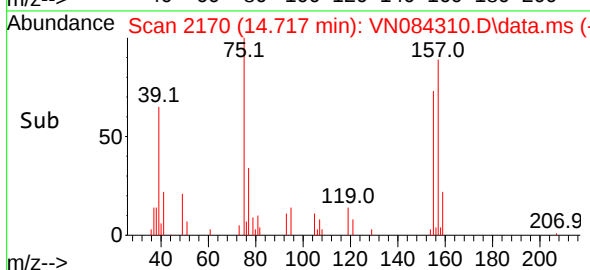
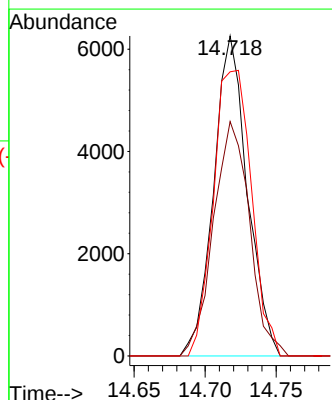
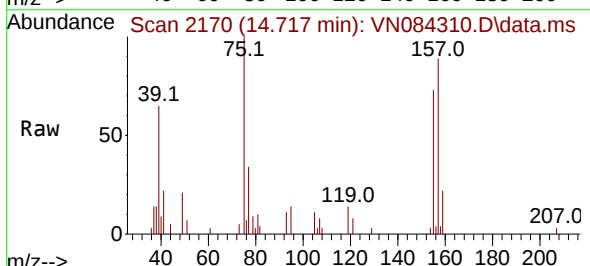
RT: 14.717 min Scan# 2170

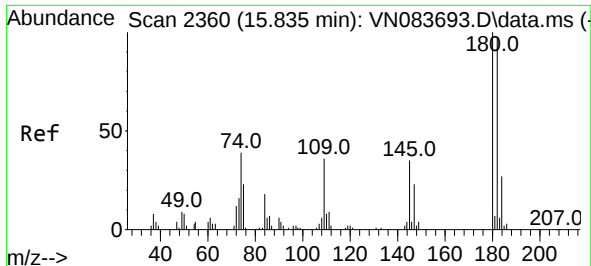
Delta R.T. 0.000 min

Lab File: VN084310.D

Acq: 04 Oct 2024 11:31

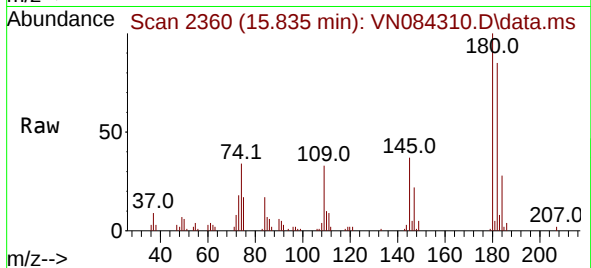
Tgt Ion: 75	Resp:	10329
Ion	Ratio	Lower Upper
75	100	
155	78.6	61.7 92.5
157	101.2	83.6 125.4



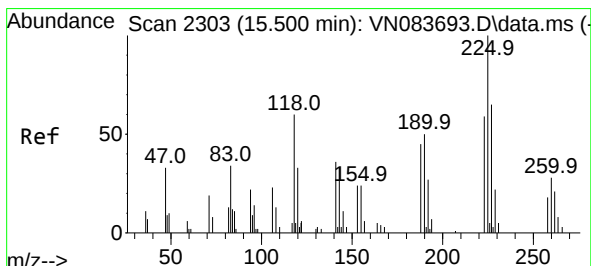
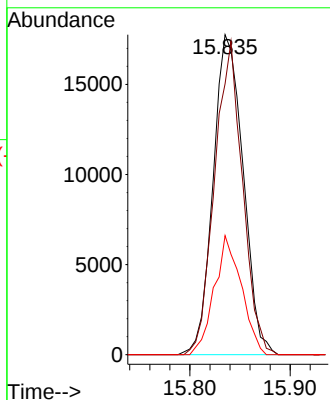
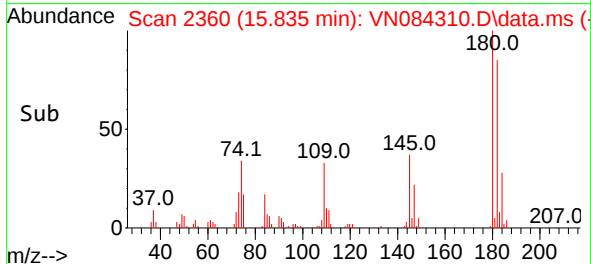


#89
1,2,4-Trichlorobenzene
Concen: 17.702 ug/l
RT: 15.835 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31

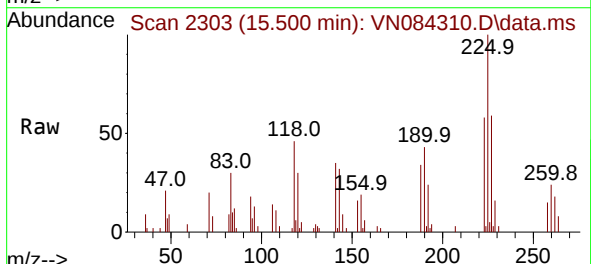
Instrument :
MSVOA_N
ClientSampleId :



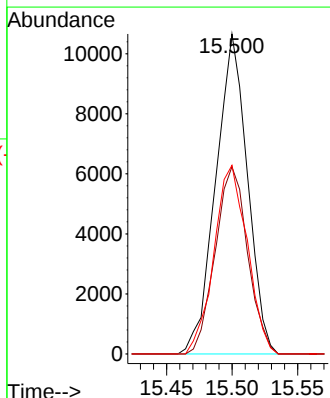
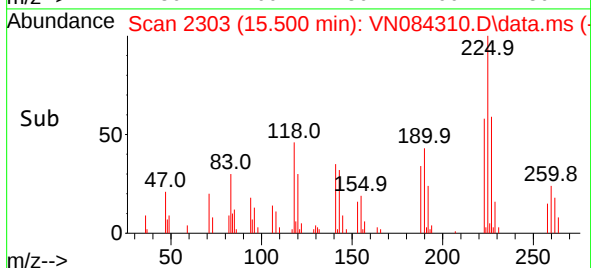
Tgt Ion:180 Resp: 36819
Ion Ratio Lower Upper
180 100
182 91.2 76.4 114.6
145 33.6 28.4 42.6

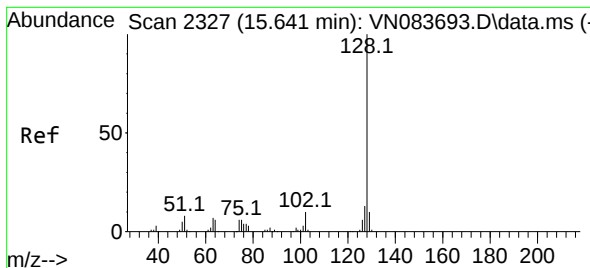


#90
Hexachlorobutadiene
Concen: 20.747 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN084310.D
Acq: 04 Oct 2024 11:31



Tgt Ion:225 Resp: 17861
Ion Ratio Lower Upper
225 100
223 59.8 0.0 126.6
227 62.0 0.0 126.6





#91

Naphthalene

Concen: 15.890 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN084310.D

Acq: 04 Oct 2024 11:31

Instrument :

MSVOA_N

ClientSampleId :

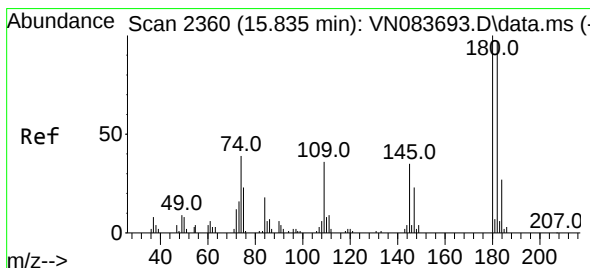
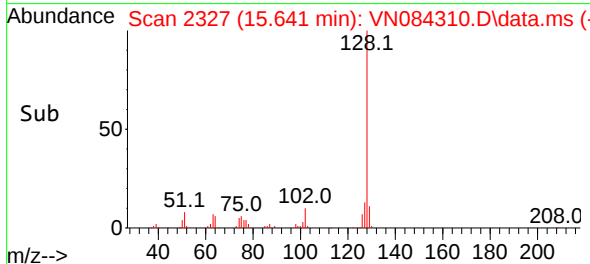
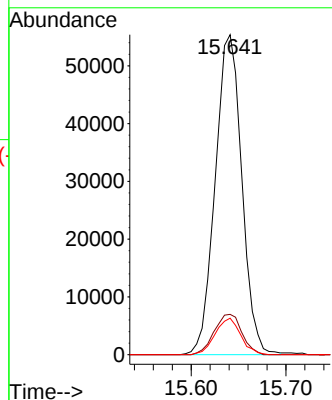
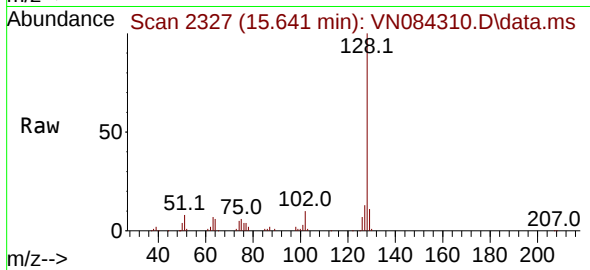
Tgt Ion:128 Resp: 108050

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.0 8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 17.702 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084310.D

Acq: 04 Oct 2024 11:31

Tgt Ion:180 Resp: 36819

Ion Ratio Lower Upper

180 100

182 91.2 0.0 191.0

145 33.6 0.0 71.0

