

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110524\
 Data File : VN084679.D
 Acq On : 05 Nov 2024 11:46
 Operator : JC\MD
 Sample : VN1105WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 06 00:26:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	179063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126554	48.933	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.860%		
35) Dibromofluoromethane	8.165	113	101692	48.961	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.920%		
50) Toluene-d8	10.565	98	373465	48.813	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.620%		
62) 4-Bromofluorobenzene	12.847	95	135989	47.558	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.118	85	39273	19.079	ug/l	92
3) Chloromethane	2.359	50	45263	17.080	ug/l	98
4) Vinyl Chloride	2.512	62	42354	19.130	ug/l	99
5) Bromomethane	2.901	94	22440	19.130	ug/l	93
6) Chloroethane	3.065	64	26329	18.328	ug/l	94
7) Trichlorofluoromethane	3.465	101	71552	19.619	ug/l	92
8) Diethyl Ether	3.953	74	26523	20.616	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.353	101	40968	19.880	ug/l	98
10) Methyl Iodide	4.571	142	56513	20.518	ug/l	97
11) Tert butyl alcohol	5.542	59	41072	120.311	ug/l	99
12) 1,1-Dichloroethene	4.324	96	38181	18.724	ug/l	94
13) Acrolein	4.171	56	34682	101.881	ug/l	99
14) Allyl chloride	5.006	41	64678	19.558	ug/l	95
15) Acrylonitrile	5.712	53	110935	112.250	ug/l	100
16) Acetone	4.430	43	91936	121.596	ug/l	97
17) Carbon Disulfide	4.695	76	106715	16.994	ug/l #	94
18) Methyl Acetate	5.018	43	60606	19.797	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	133666	21.386	ug/l	93
20) Methylene Chloride	5.259	84	45091	19.823	ug/l	89
21) trans-1,2-Dichloroethene	5.777	96	40468	19.327	ug/l	94
22) Diisopropyl ether	6.665	45	137295	20.894	ug/l	98
23) Vinyl Acetate	6.600	43	488987	107.909	ug/l	98
24) 1,1-Dichloroethane	6.559	63	79114	20.054	ug/l	98
25) 2-Butanone	7.483	43	145445	120.543	ug/l	97
26) 2,2-Dichloropropane	7.489	77	66180	19.274	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	48668	19.906	ug/l	97
28) Bromochloromethane	7.812	49	34535	21.972	ug/l	93
29) Tetrahydrofuran	7.841	42	94886	118.539	ug/l	96
30) Chloroform	7.965	83	84203	20.970	ug/l	95
31) Cyclohexane	8.253	56	66219	18.546	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	74096	20.274	ug/l	98
36) 1,1-Dichloropropene	8.365	75	54388	18.881	ug/l	100
37) Ethyl Acetate	7.559	43	58058	22.215	ug/l	99
38) Carbon Tetrachloride	8.359	117	62796	19.504	ug/l	98
39) Methylcyclohexane	9.600	83	56548	19.297	ug/l	98
40) Benzene	8.606	78	181581	19.629	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	32994	23.476	ug/l	98
42) 1,2-Dichloroethane	8.665	62	61108	20.397	ug/l	100
43) Isopropyl Acetate	8.688	43	107465	21.712	ug/l	99
44) Trichloroethene	9.347	130	41285	19.351	ug/l	99
45) 1,2-Dichloropropane	9.618	63	44853	20.669	ug/l	97
46) Dibromomethane	9.706	93	31026	20.262	ug/l	97
47) Bromodichloromethane	9.888	83	65732	20.364	ug/l	98
48) Methyl methacrylate	9.677	41	44956	22.102	ug/l	97
49) 1,4-Dioxane	9.694	88	17463	484.492	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	294729	118.297	ug/l	98
52) Toluene	10.629	92	109470	20.234	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	63864	19.115	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	69660	19.699	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	42731	20.967	ug/l	96
56) Ethyl methacrylate	10.871	69	66105	22.425	ug/l	96
57) 1,3-Dichloropropane	11.159	76	73289	20.954	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	155444	112.689	ug/l	96
59) 2-Hexanone	11.194	43	220393	121.530	ug/l	98
60) Dibromochloromethane	11.359	129	49770	21.428	ug/l	99
61) 1,2-Dibromoethane	11.471	107	42804	20.510	ug/l	98
64) Tetrachloroethene	11.100	164	34989	19.638	ug/l	98
65) Chlorobenzene	11.888	112	115702	19.308	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	42594	20.435	ug/l	98
67) Ethyl Benzene	11.965	91	199934	19.988	ug/l	99
68) m/p-Xylenes	12.071	106	155930	41.176	ug/l	97
69) o-Xylene	12.394	106	73817	20.837	ug/l	98
70) Styrene	12.412	104	124600	20.162	ug/l	98
71) Bromoform	12.576	173	34048	21.708	ug/l #	99
73) Isopropylbenzene	12.694	105	184380	20.031	ug/l	99
74) N-amyl acetate	12.494	43	83235	21.246	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	63021	20.512	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	82739	31.512	ug/l	53
77) Bromobenzene	12.976	156	47248	19.094	ug/l	95
78) n-propylbenzene	13.035	91	217947	20.206	ug/l	100
79) 2-Chlorotoluene	13.123	91	141415	20.065	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	159489	20.906	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	24266	21.926	ug/l	92
82) 4-Chlorotoluene	13.218	91	141078	19.020	ug/l	98
83) tert-Butylbenzene	13.435	119	128952	20.423	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	161983	20.572	ug/l	99
85) sec-Butylbenzene	13.618	105	179363	20.111	ug/l	99
86) p-Isopropyltoluene	13.729	119	149021	20.373	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	85429	17.690	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	86966	18.931	ug/l	99
89) n-Butylbenzene	14.053	91	122122	17.848	ug/l	98
90) Hexachloroethane	14.329	117	30988	18.997	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	89317	19.247	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13619	21.881	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	44793	17.635	ug/l	99
94) Hexachlorobutadiene	15.500	225	20100	18.020	ug/l	97
95) Naphthalene	15.635	128	154604	20.336	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	45055	18.273	ug/l	97

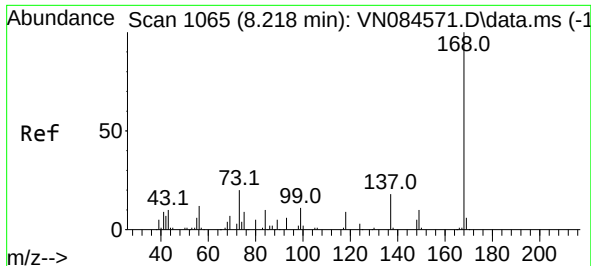
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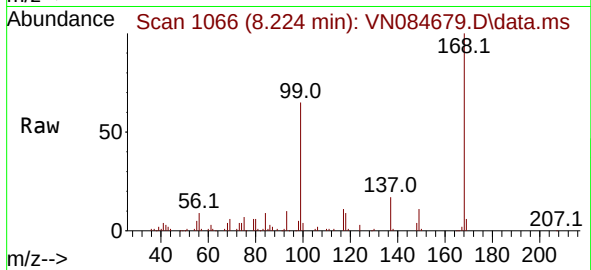
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

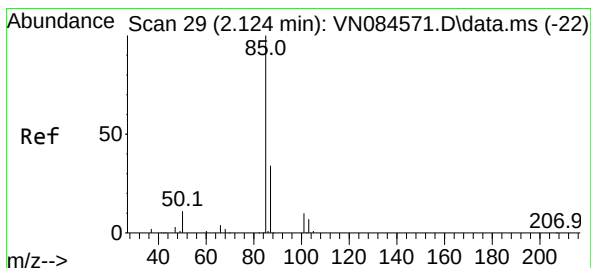
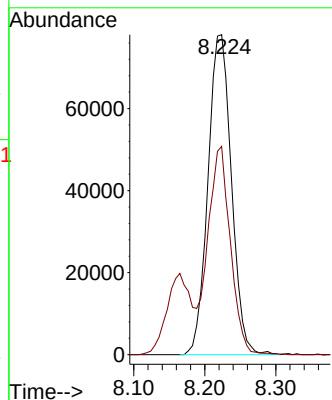
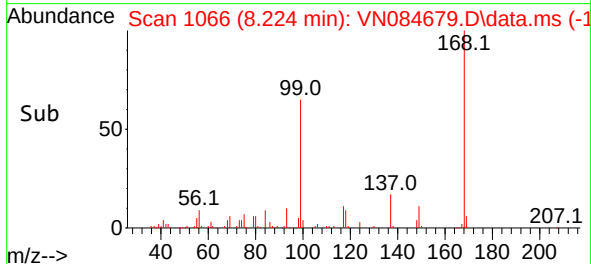


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084679.D
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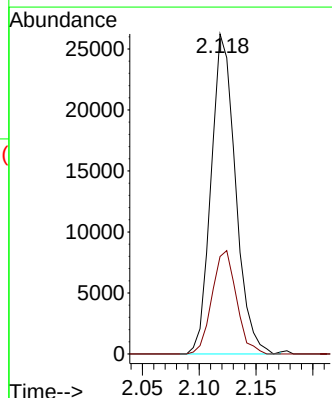
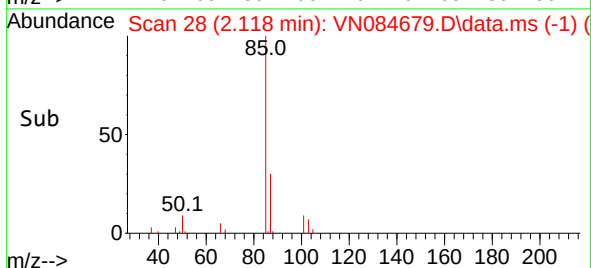
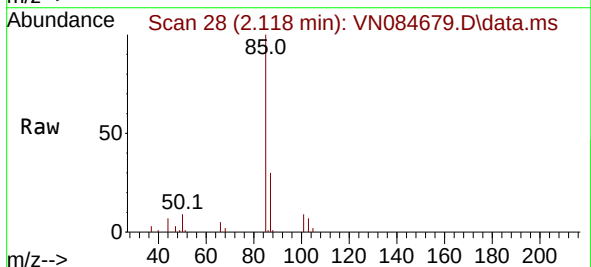


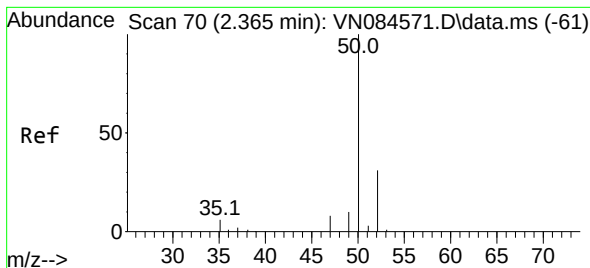
Tgt Ion:168 Resp: 179063
Ion Ratio Lower Upper
168 100
99 64.9 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 19.079 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion: 85 Resp: 39273
Ion Ratio Lower Upper
85 100
87 30.4 17.6 52.9





#3

Chloromethane

Concen: 17.080 ug/l

RT: 2.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

Instrument :

MSVOA_N

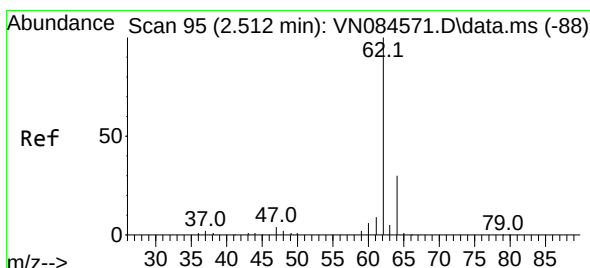
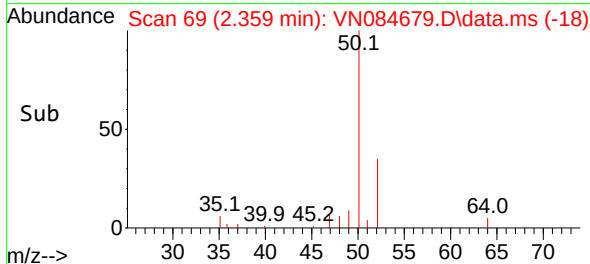
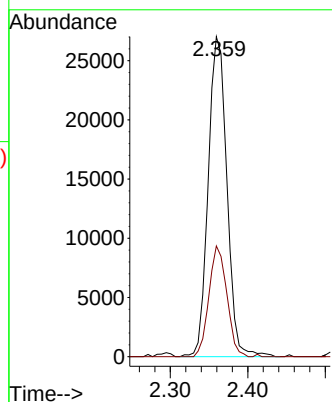
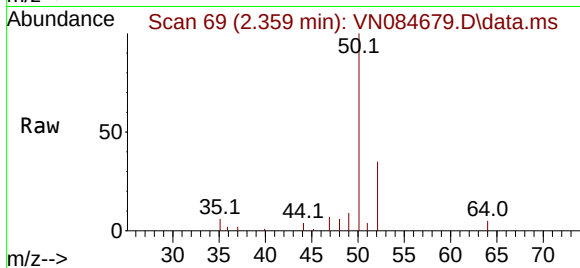
ClientSampleId :

Tgt Ion: 50 Resp: 45263

Ion Ratio Lower Upper

50 100

52 34.6 26.8 40.2



#4

Vinyl Chloride

Concen: 19.130 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN084679.D

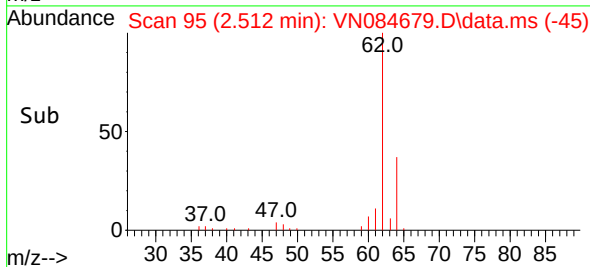
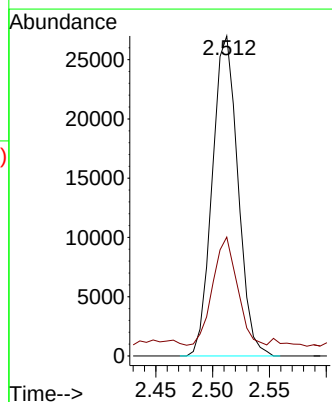
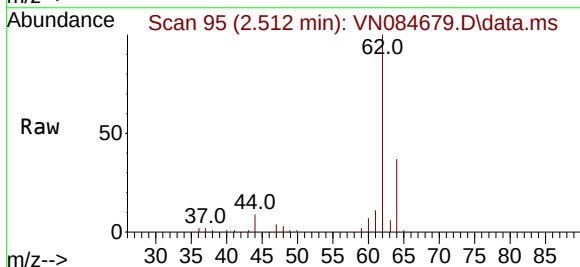
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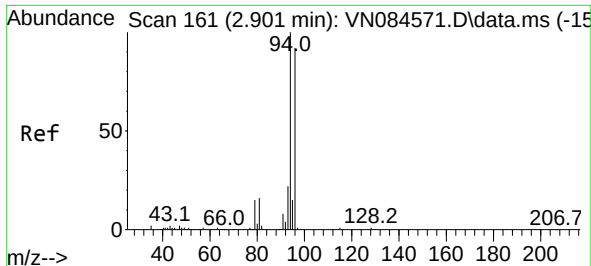
Tgt Ion: 62 Resp: 42354

Ion Ratio Lower Upper

62 100

64 33.3 26.2 39.4

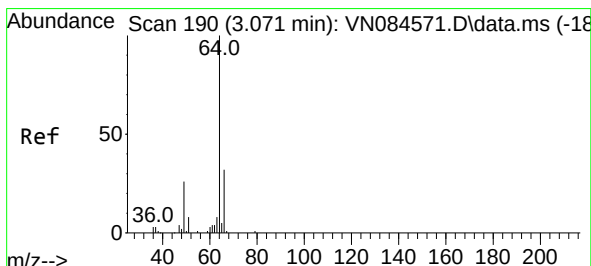
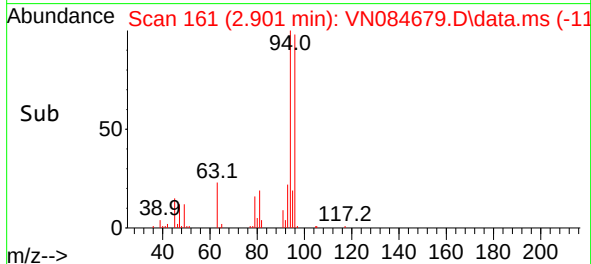
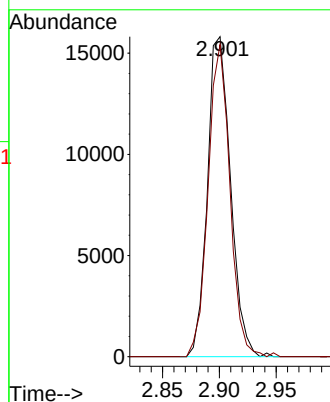
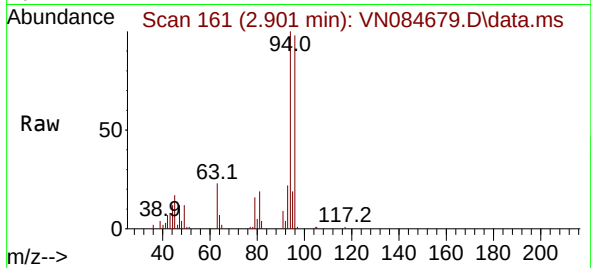




#5
Bromomethane
Concen: 19.130 ug/l
RT: 2.901 min Scan# 1
Delta R.T. -0.052 min
Lab File: VN084679.D
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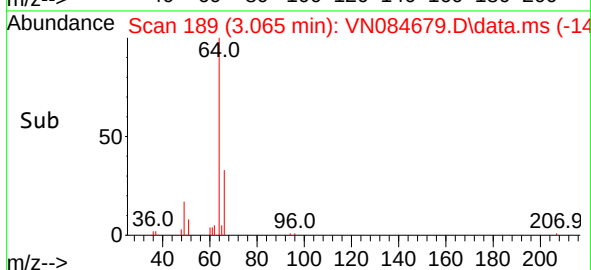
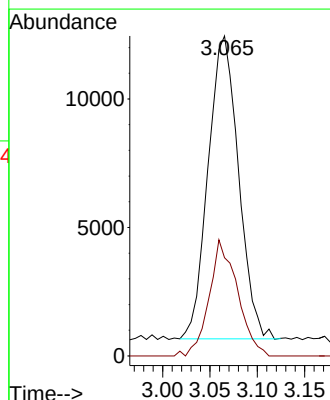
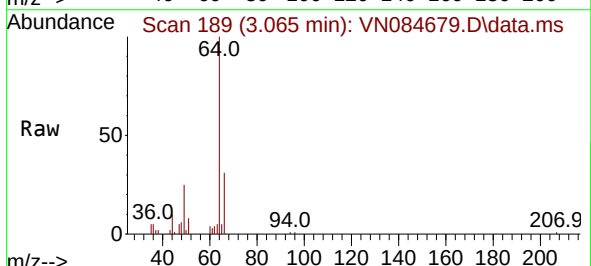
Instrument :
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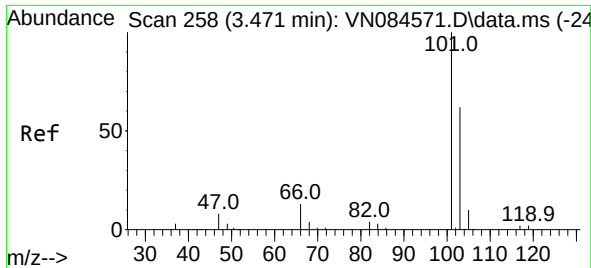
Tgt Ion: 94 Resp: 22440
Ion Ratio Lower Upper
94 100
96 97.6 72.9 109.3



#6
Chloroethane
Concen: 18.328 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.053 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

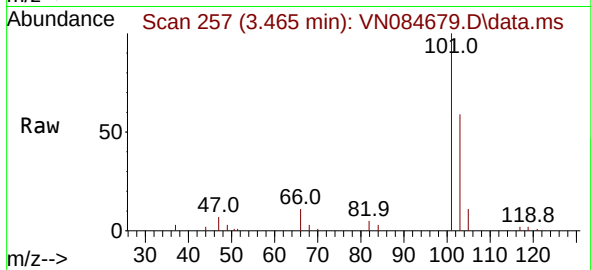
Tgt Ion: 64 Resp: 26329
Ion Ratio Lower Upper
64 100
66 32.4 23.5 35.3



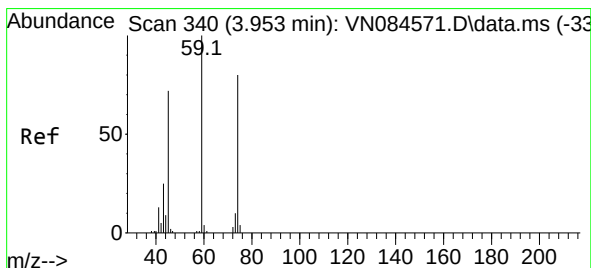
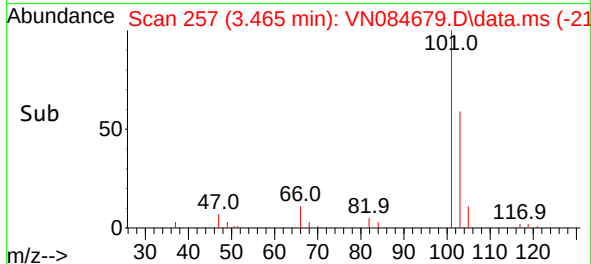
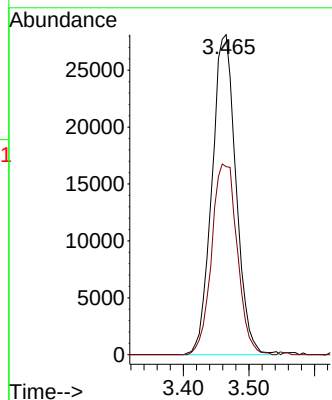


#7
 Trichlorofluoromethane
 Concen: 19.619 ug/l
 RT: 3.465 min Scan# 210
 Delta R.T. -0.030 min
 Lab File: VN084679.D
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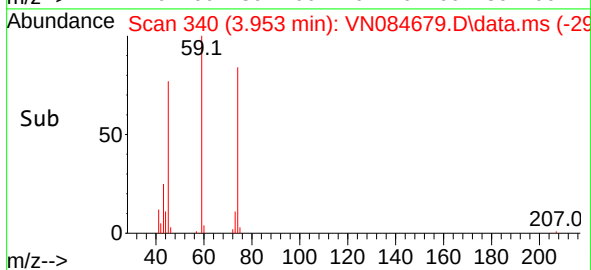
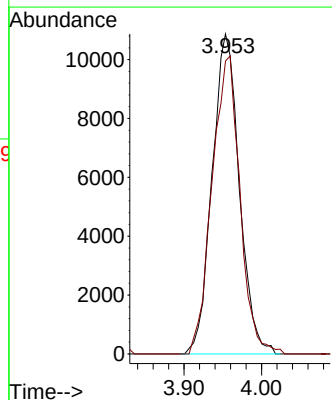
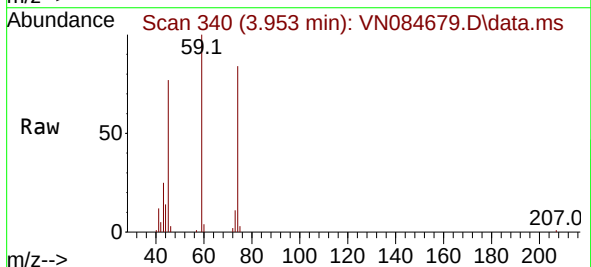


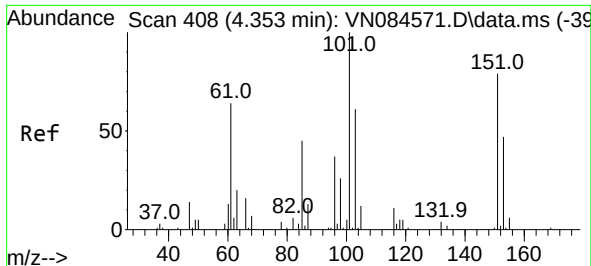
Tgt Ion:101 Resp: 71552
 Ion Ratio Lower Upper
 101 100
 103 58.8 51.8 77.6



#8
 Diethyl Ether
 Concen: 20.616 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN084679.D
 Acq: 05 Nov 2024 11:46

Tgt Ion: 74 Resp: 26523
 Ion Ratio Lower Upper
 74 100
 45 95.5 47.7 143.1

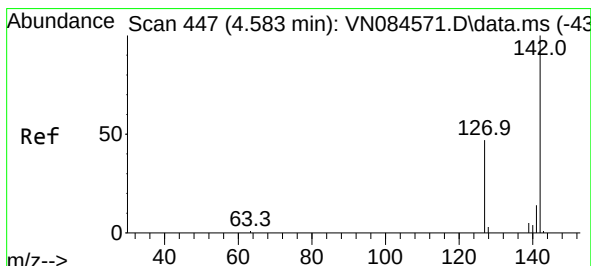
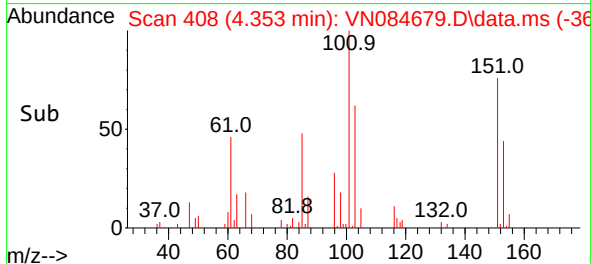
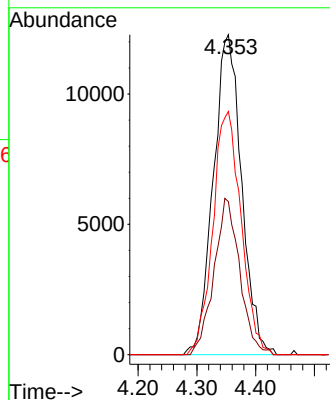
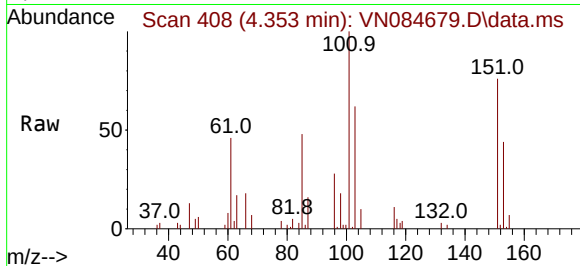




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.880 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.018 min
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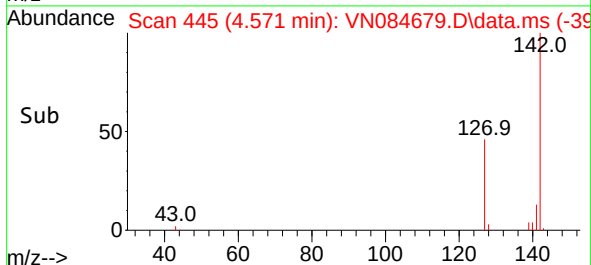
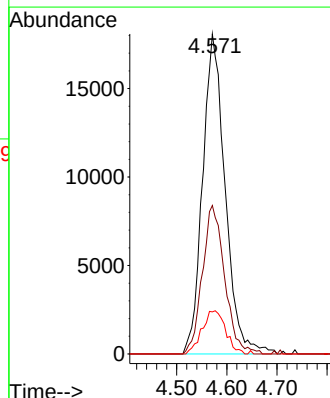
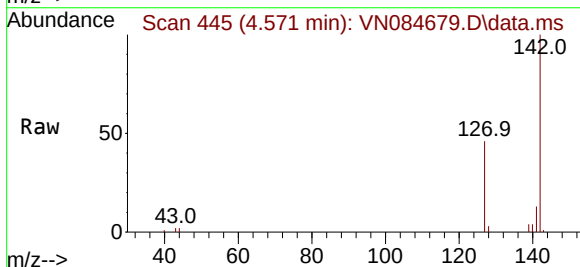
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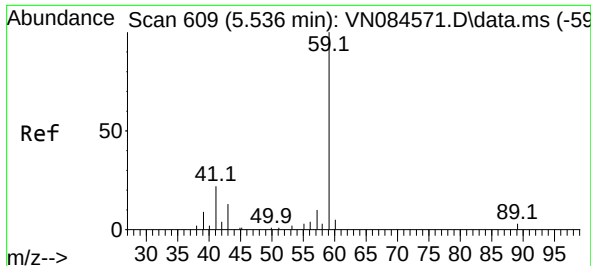
Tgt Ion:	101	Resp:	40968
Ion	Ratio	Lower	Upper
101	100		
85	44.6	36.2	54.4
151	76.0	59.3	88.9



#10
Methyl Iodide
Concen: 20.518 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.024 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion:	142	Resp:	56513
Ion	Ratio	Lower	Upper
142	100		
127	46.4	35.3	52.9
141	13.2	11.0	16.6

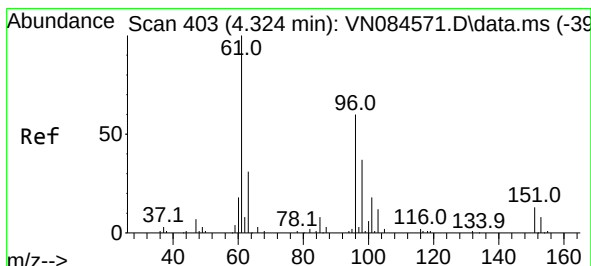
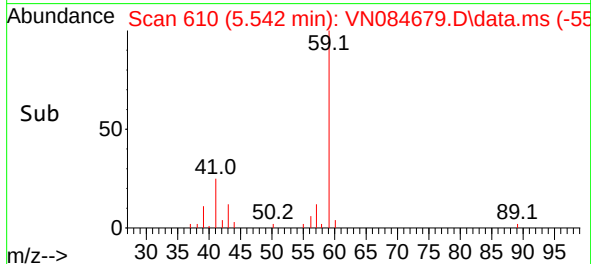
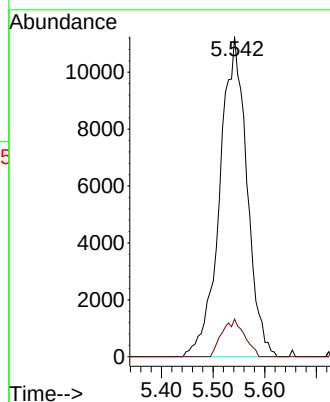
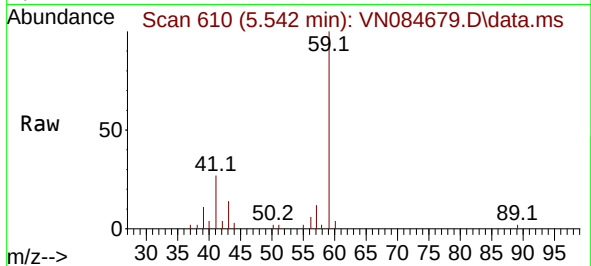




#11
Tert butyl alcohol
Concen: 120.311 ug/l
RT: 5.542 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

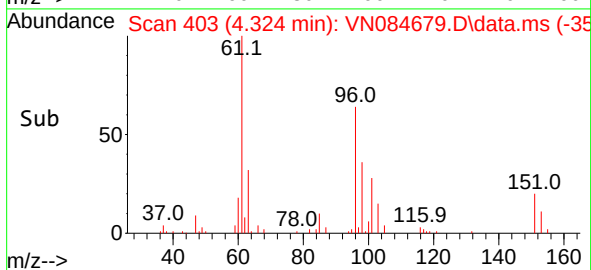
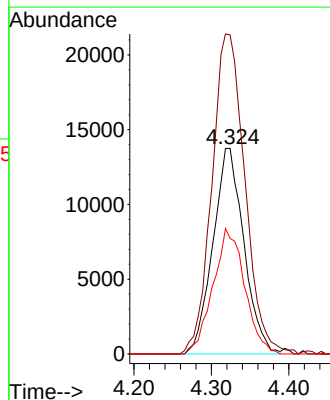
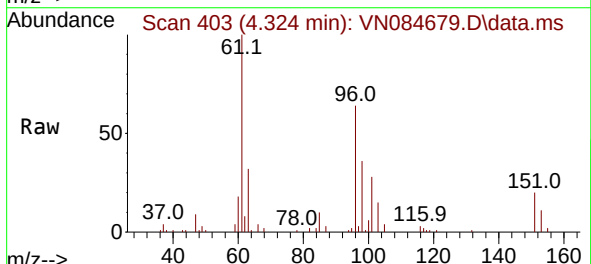
Instrument :
MSVOA_N
ClientSampleId :

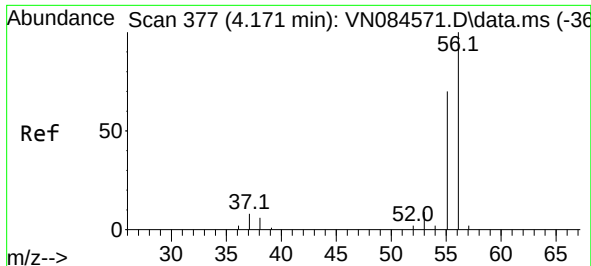
Tgt Ion: 59 Resp: 41072
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.724 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion: 96 Resp: 38181
Ion Ratio Lower Upper
96 100
61 155.2 128.6 192.8
98 56.2 51.7 77.5

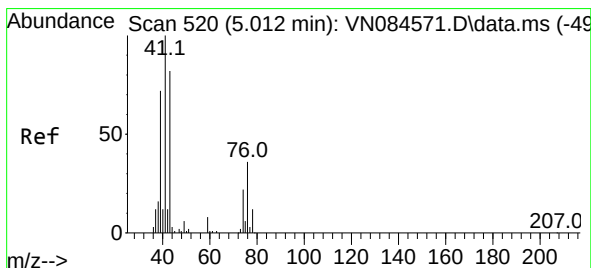
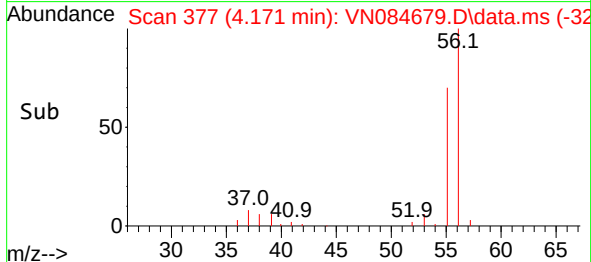
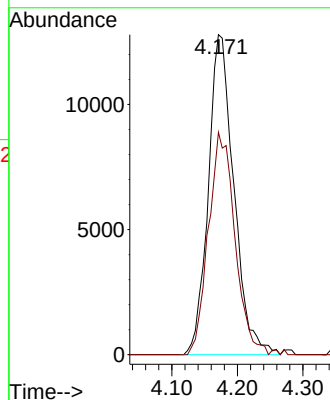
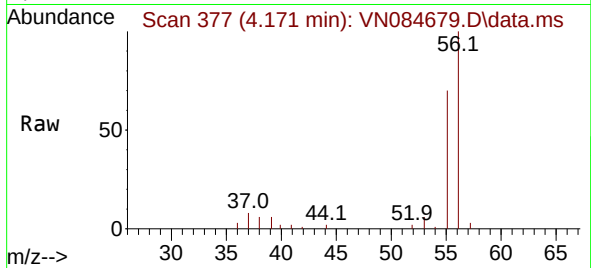




#13
Acrolein
Concen: 101.881 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

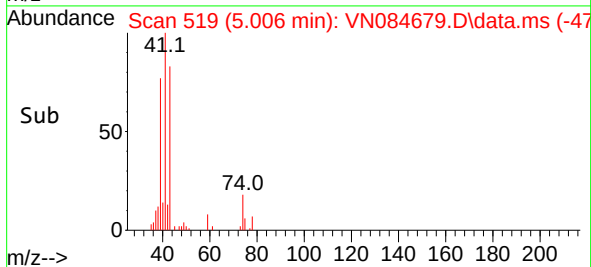
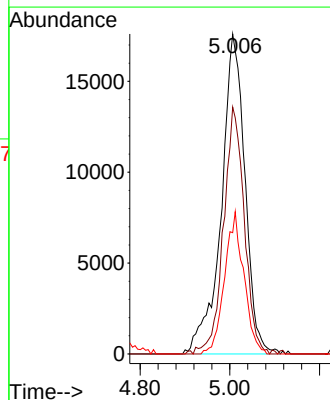
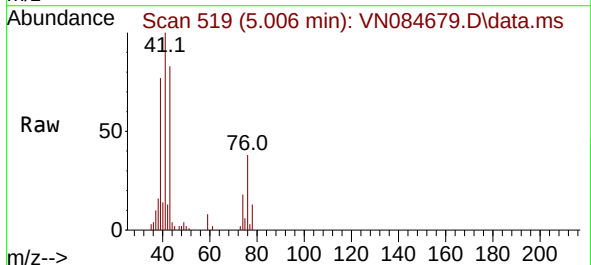
Instrument :
MSVOA_N
ClientSampleId :

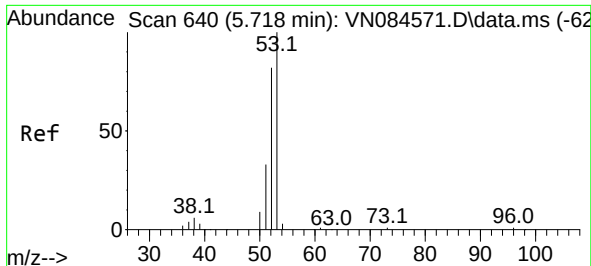
Tgt Ion: 56 Resp: 34682
Ion Ratio Lower Upper
56 100
55 72.0 57.2 85.8



#14
Allyl chloride
Concen: 19.558 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.018 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion: 41 Resp: 64678
Ion Ratio Lower Upper
41 100
39 67.5 59.0 88.6
76 36.3 29.8 44.6

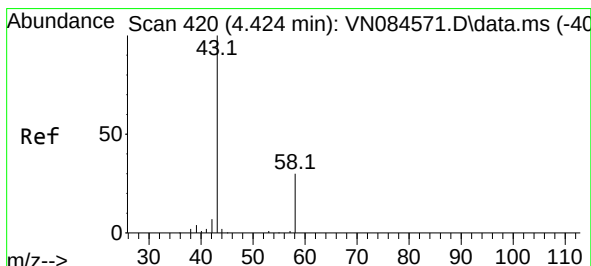
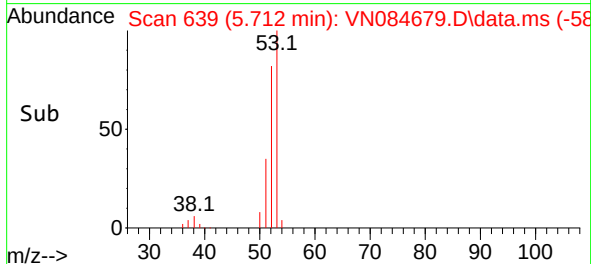
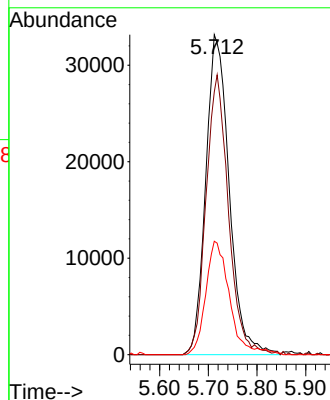
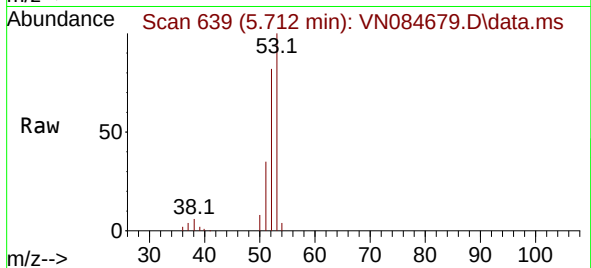




#15
Acrylonitrile
Concen: 112.250 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

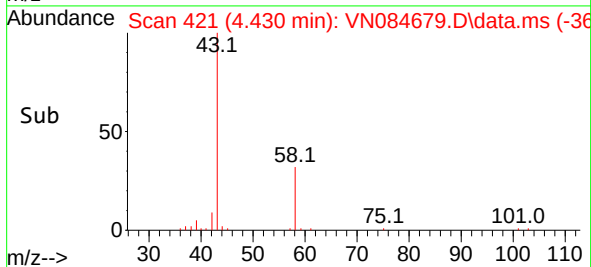
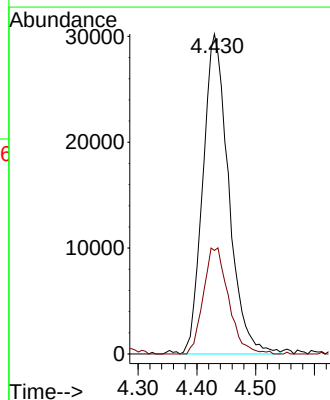
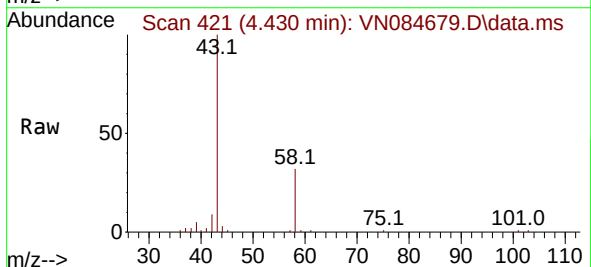
Instrument :
MSVOA_N
ClientSampleId :

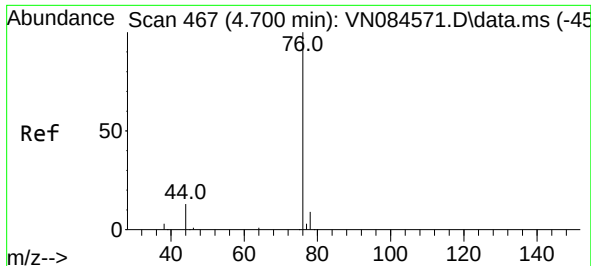
Tgt Ion: 53 Resp: 110935
Ion Ratio Lower Upper
53 100
52 83.3 66.2 99.4
51 36.0 28.8 43.2



#16
Acetone
Concen: 121.596 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion: 43 Resp: 91936
Ion Ratio Lower Upper
43 100
58 32.3 24.4 36.6

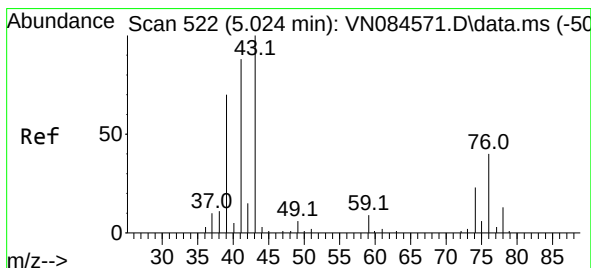
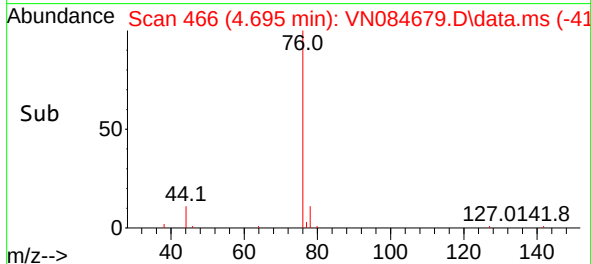
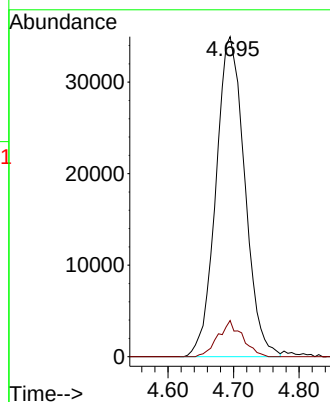
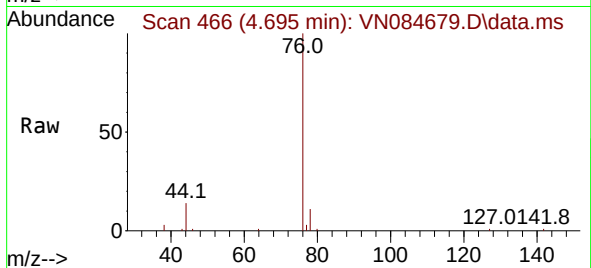




#17
Carbon Disulfide
Concen: 16.994 ug/l
RT: 4.695 min Scan# 41
Delta R.T. -0.017 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

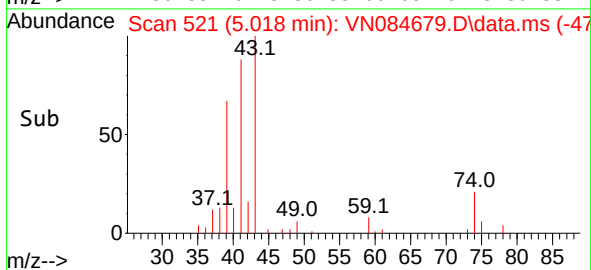
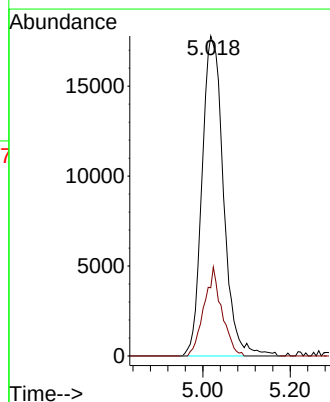
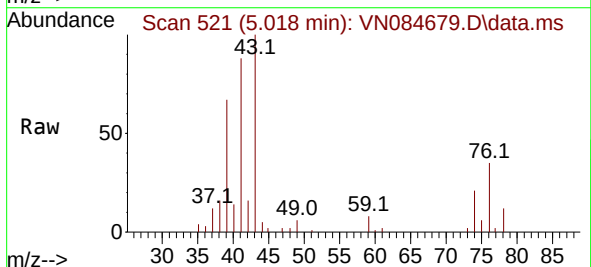
Instrument :
MSVOA_N
ClientSampleId :

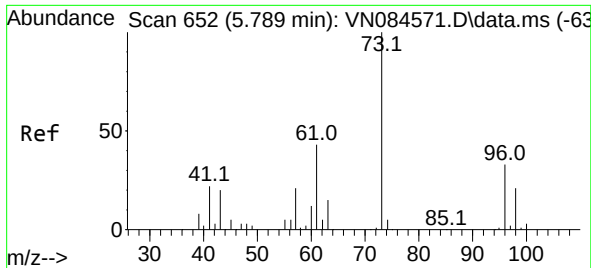
Tgt Ion: 76 Resp: 106715
Ion Ratio Lower Upper
76 100
78 11.3 7.3 10.9#



#18
Methyl Acetate
Concen: 19.797 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion: 43 Resp: 60606
Ion Ratio Lower Upper
43 100
74 23.1 19.2 28.8

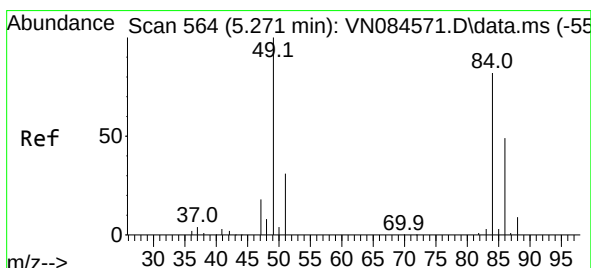
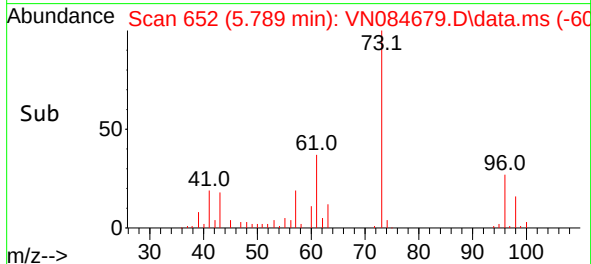
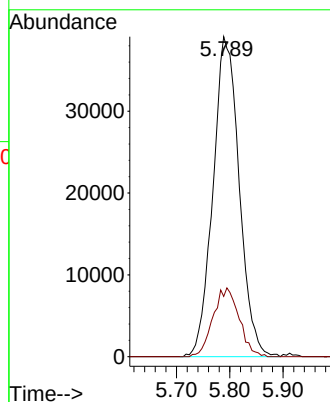
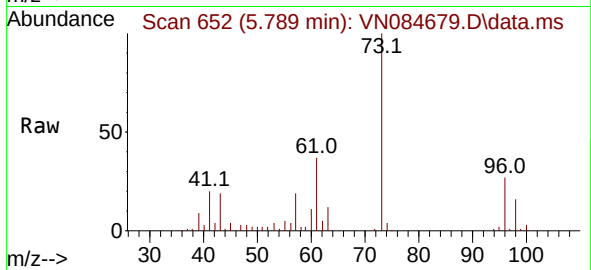




#19
Methyl tert-butyl Ether
Concen: 21.386 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

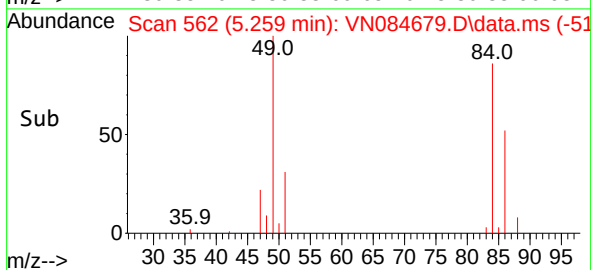
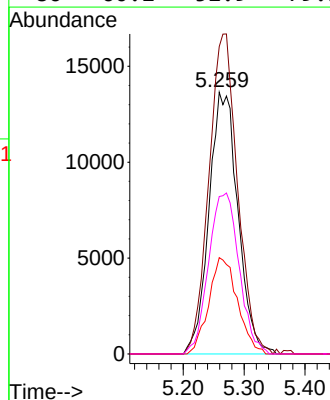
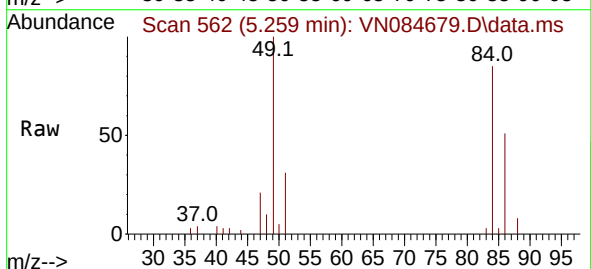
Instrument :
MSVOA_N
ClientSampleId :

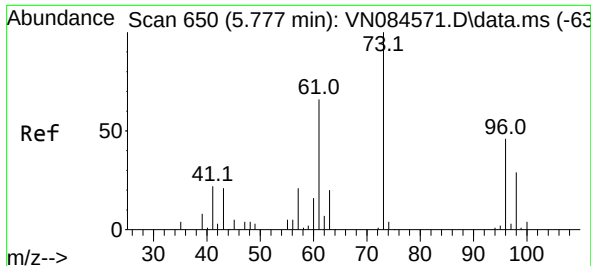
Tgt Ion: 73 Resp: 133666
Ion Ratio Lower Upper
73 100
57 18.8 17.7 26.5



#20
Methylene Chloride
Concen: 19.823 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.018 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

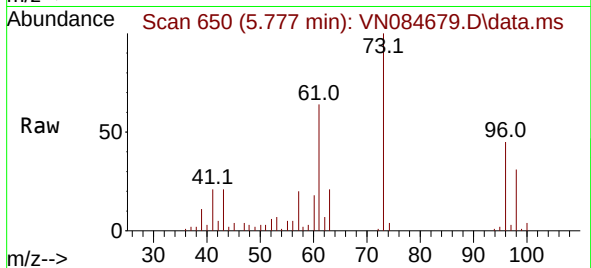
Tgt Ion: 84 Resp: 45091
Ion Ratio Lower Upper
84 100
49 117.4 107.2 160.8
51 36.8 31.8 47.8
86 60.2 52.9 79.3



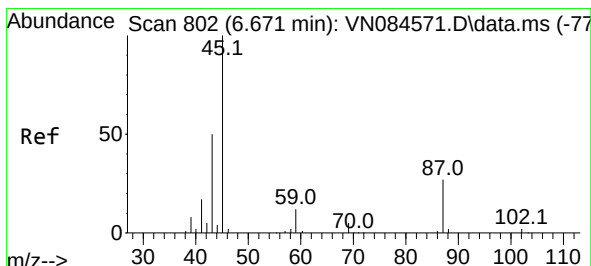
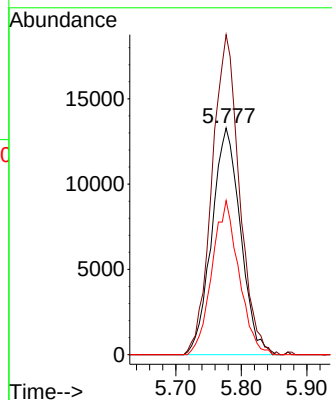
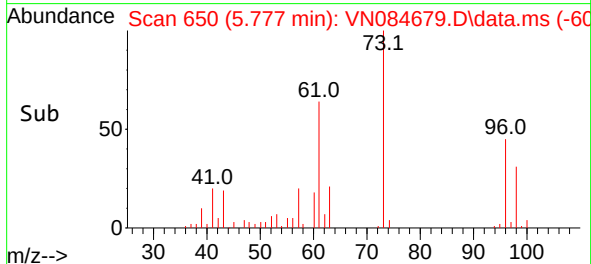


#21
trans-1,2-Dichloroethene
Concen: 19.327 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :

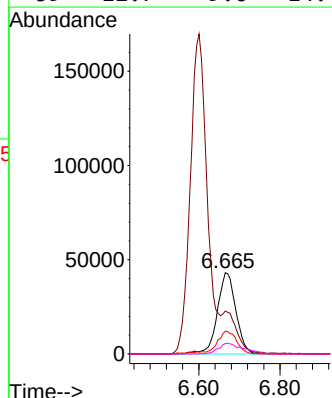
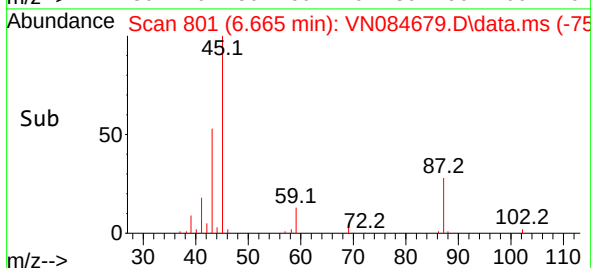
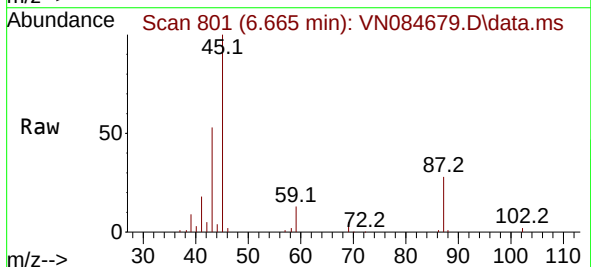


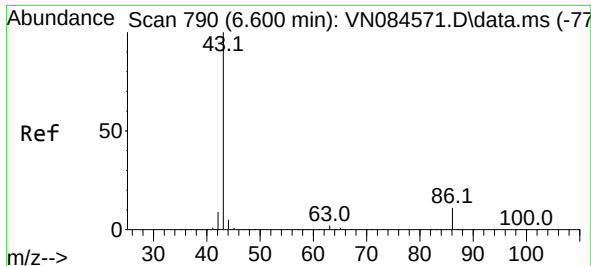
Tgt Ion: 96 Resp: 40468
Ion Ratio Lower Upper
96 100
61 141.1 108.4 162.6
98 67.9 49.8 74.8



#22
Diisopropyl ether
Concen: 20.894 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion: 45 Resp: 137295
Ion Ratio Lower Upper
45 100
43 51.8 42.3 63.5
87 28.1 21.8 32.6
59 12.7 9.6 14.4

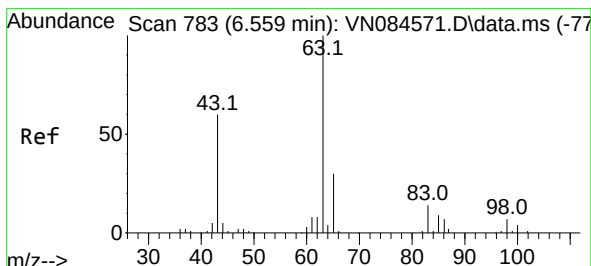
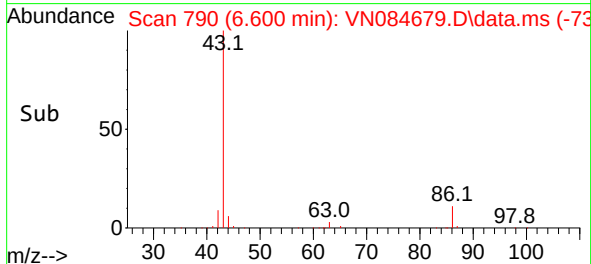
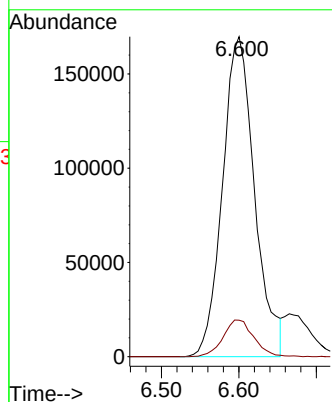
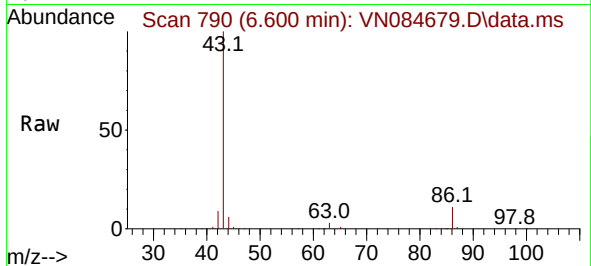




#23
 Vinyl Acetate
 Concen: 107.909 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN084679.D
 Acq: 05 Nov 2024 11:46

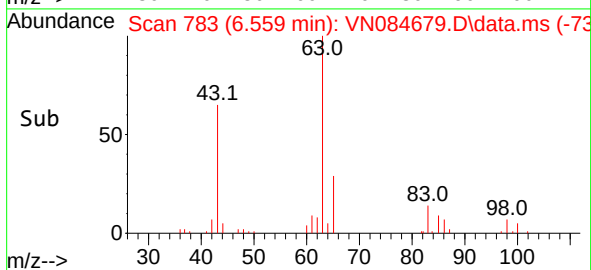
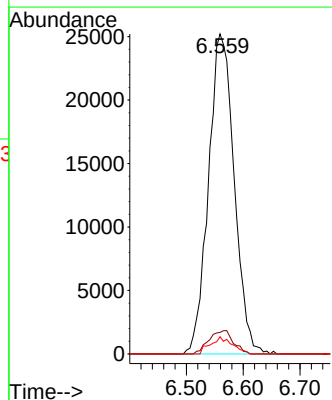
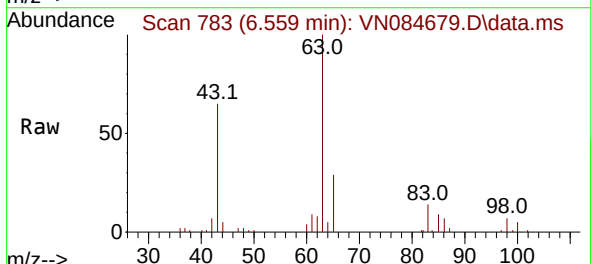
Instrument :
 MSVOA_N
 ClientSampleId :

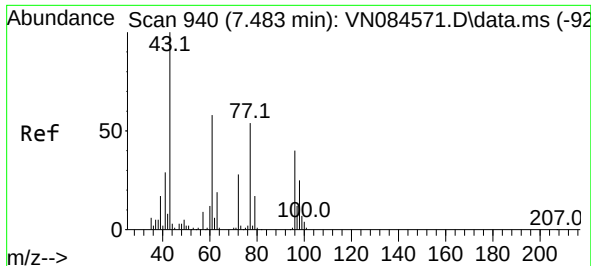
Tgt Ion: 43 Resp: 488987
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 20.054 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN084679.D
 Acq: 05 Nov 2024 11:46

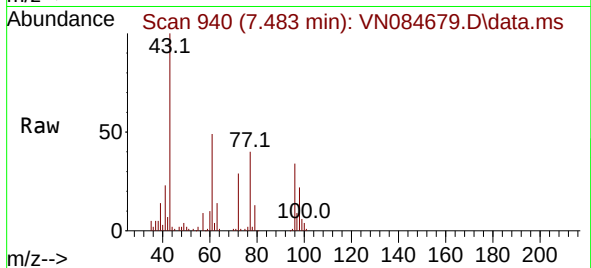
Tgt Ion: 63 Resp: 79114
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 5.4 2.0 5.8



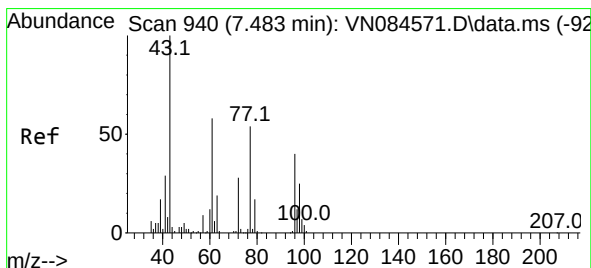
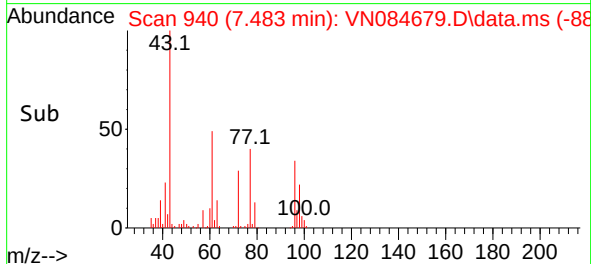
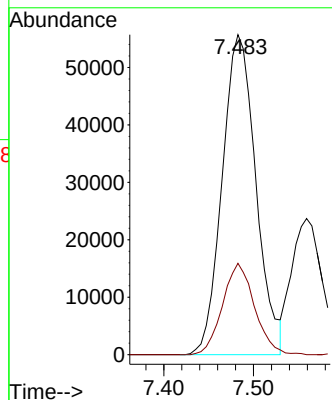


#25
2-Butanone
Concen: 120.543 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :

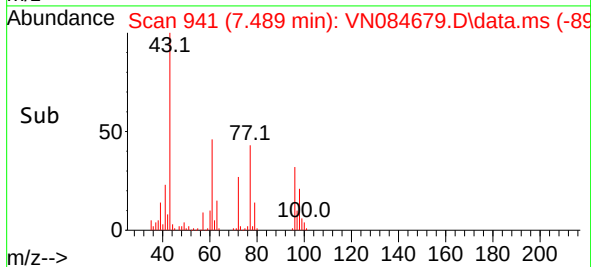
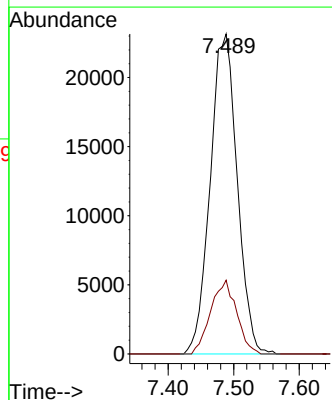
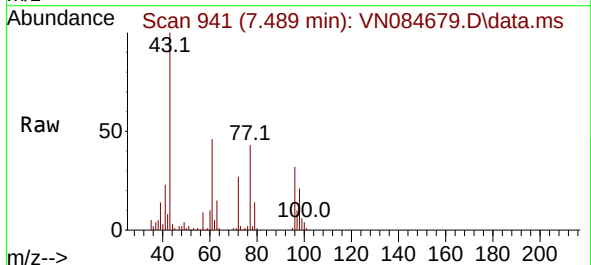


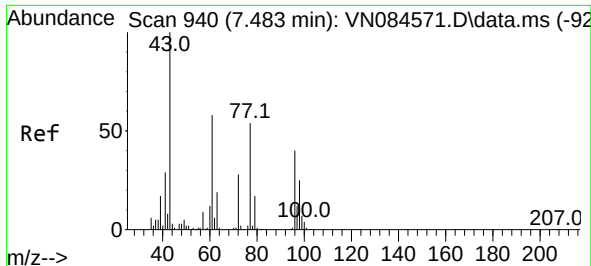
Tgt Ion: 43 Resp: 145445
Ion Ratio Lower Upper
43 100
72 28.5 21.4 32.2



#26
2,2-Dichloropropane
Concen: 19.274 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

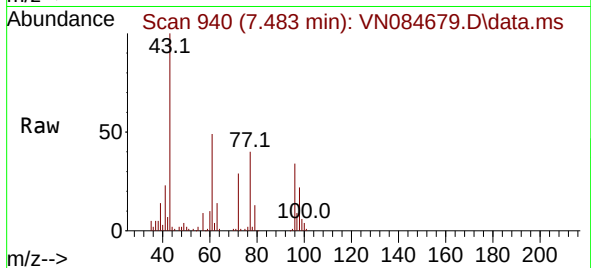
Tgt Ion: 77 Resp: 66180
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.3





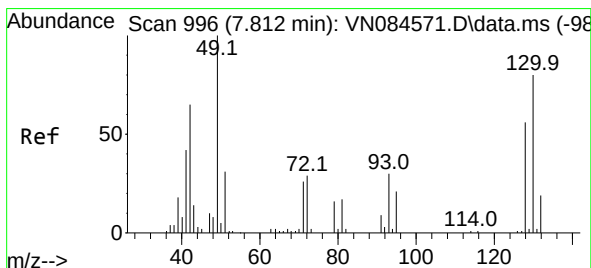
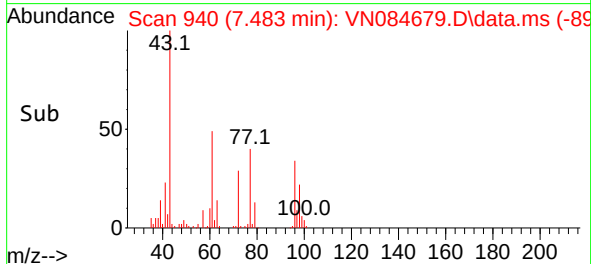
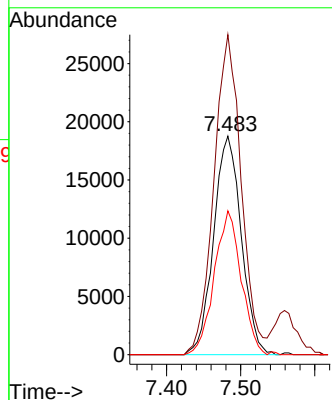
#27
 cis-1,2-Dichloroethene
 Concen: 19.906 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.006 min
 Lab File: VN084679.D
 Acq: 05 Nov 2024 11:46

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 96 Resp: 48668

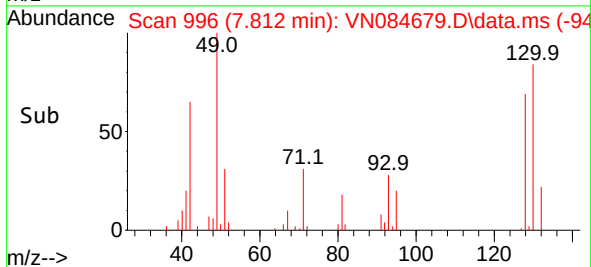
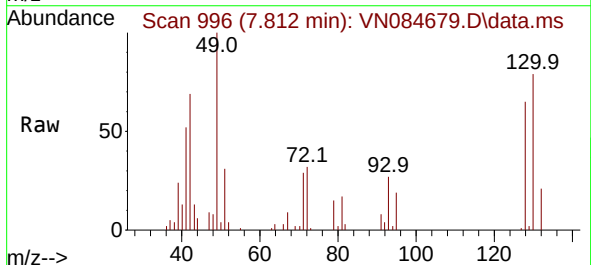
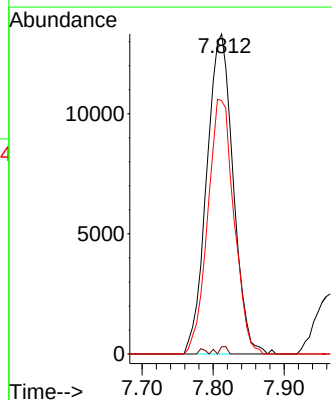
Ion	Ratio	Lower	Upper
96	100		
61	145.2	0.0	301.8
98	63.8	0.0	128.2

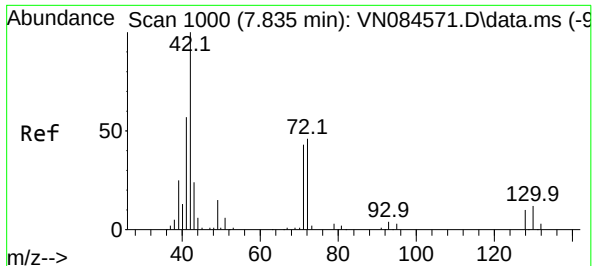


#28
 Bromochloromethane
 Concen: 21.972 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN084679.D
 Acq: 05 Nov 2024 11:46

Tgt Ion: 49 Resp: 34535

Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	3.6
130	78.7	58.0	87.0





#29

Tetrahydrofuran

Concen: 118.539 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

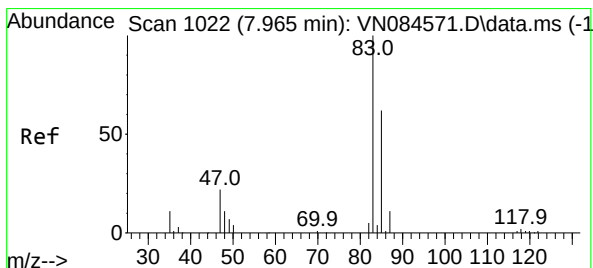
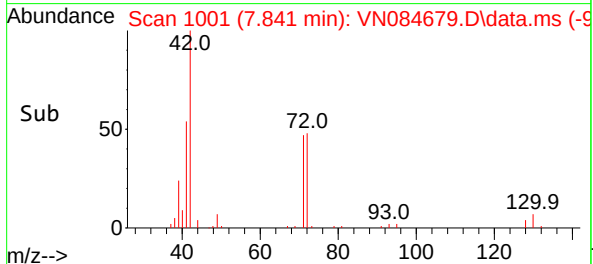
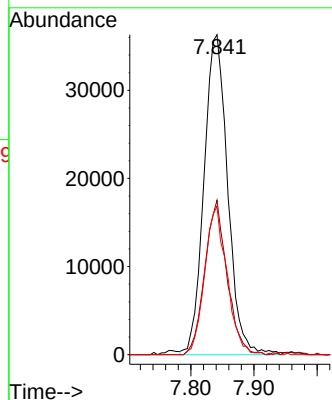
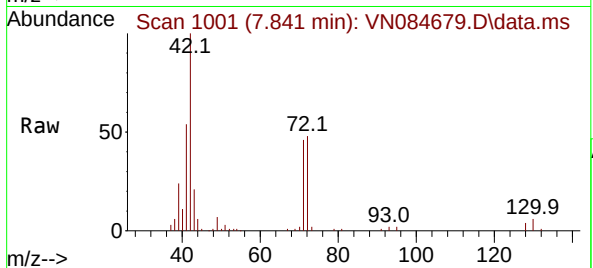
Tgt Ion: 42 Resp: 94886

Ion Ratio Lower Upper

42 100

72 45.2 34.6 51.8

71 43.5 32.2 48.4



#30

Chloroform

Concen: 20.970 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN084679.D

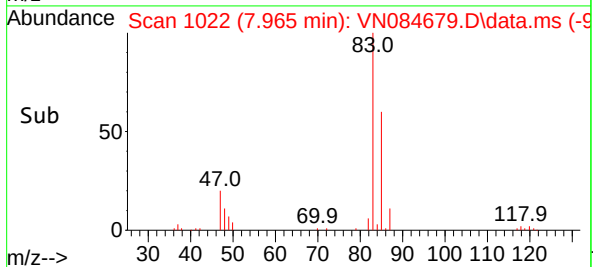
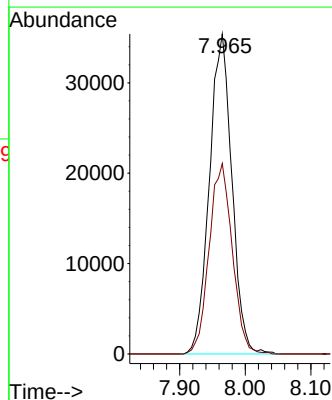
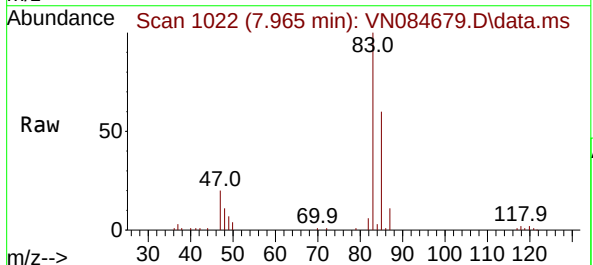
Acq: 05 Nov 2024 11:46

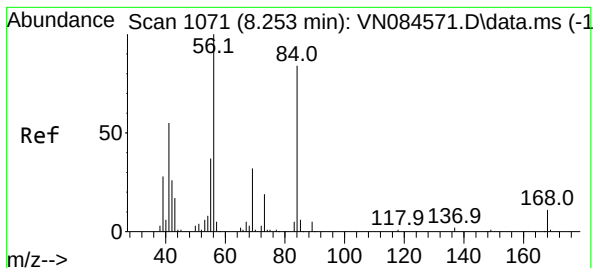
Tgt Ion: 83 Resp: 84203

Ion Ratio Lower Upper

83 100

85 59.5 51.0 76.4





#31

Cyclohexane

Concen: 18.546 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

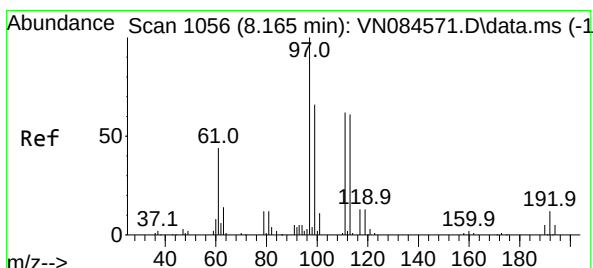
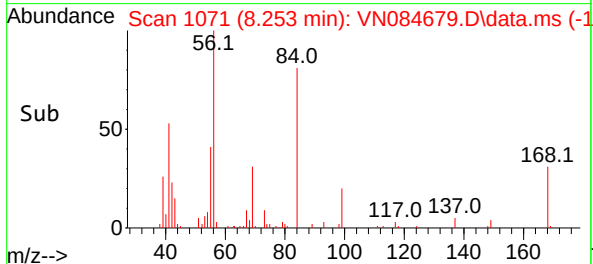
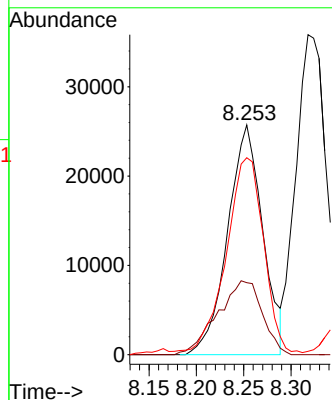
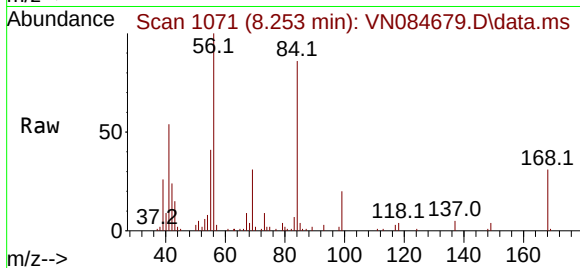
Tgt Ion: 56 Resp: 66219

Ion Ratio Lower Upper

56 100

69 30.3 23.8 35.6

84 83.9 68.8 103.2



#32

1,1,1-Trichloroethane

Concen: 20.274 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

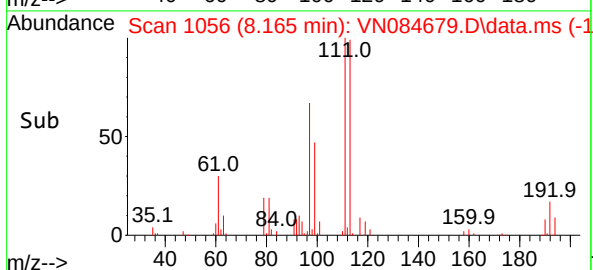
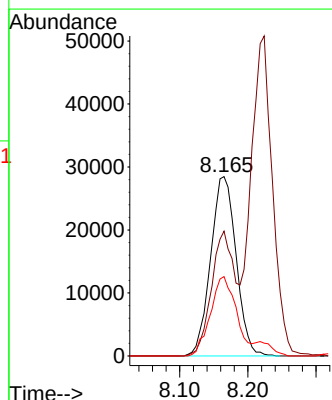
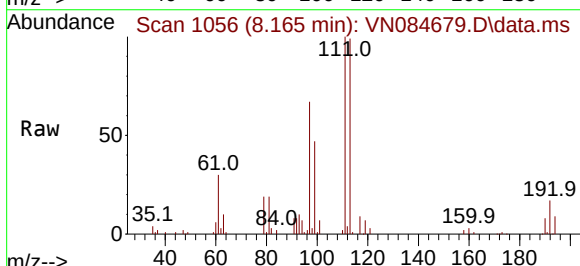
Tgt Ion: 97 Resp: 74096

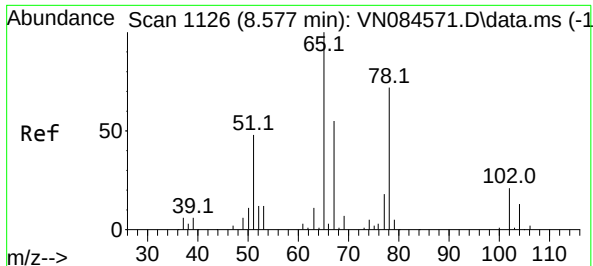
Ion Ratio Lower Upper

97 100

99 65.1 51.2 76.8

61 45.1 37.5 56.3





#33

1,2-Dichloroethane-d4

Concen: 48.933 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

Instrument :

MSVOA_N

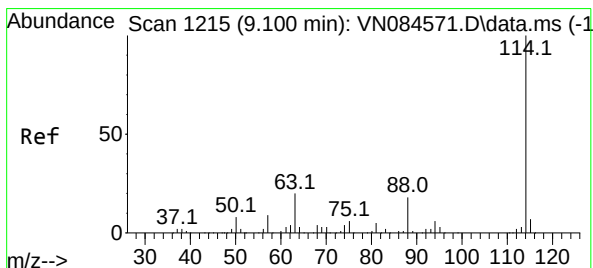
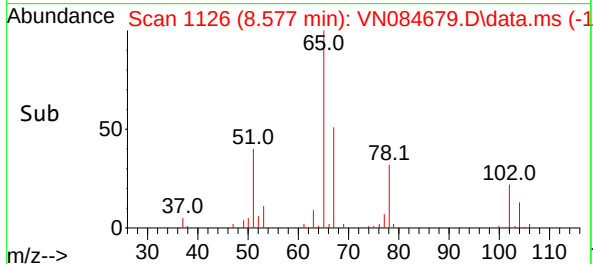
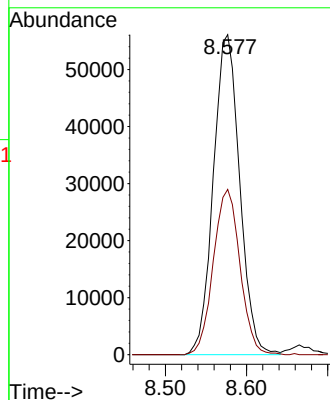
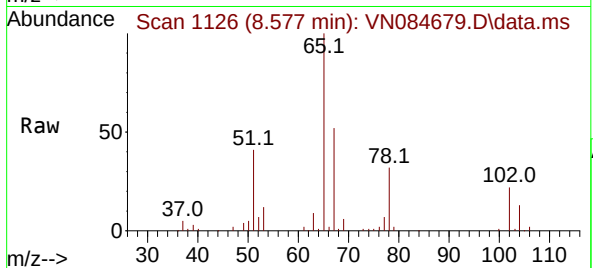
ClientSampleId :

Tgt Ion: 65 Resp: 126554

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

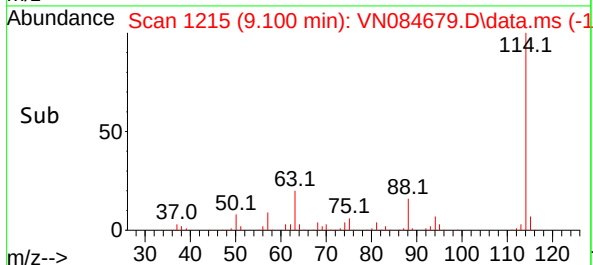
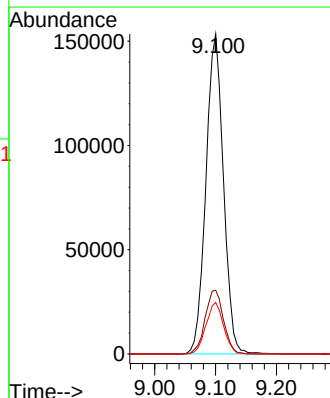
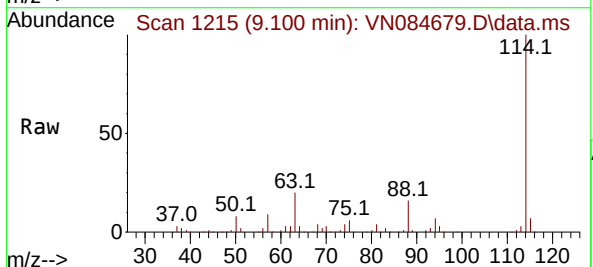
Tgt Ion: 114 Resp: 306849

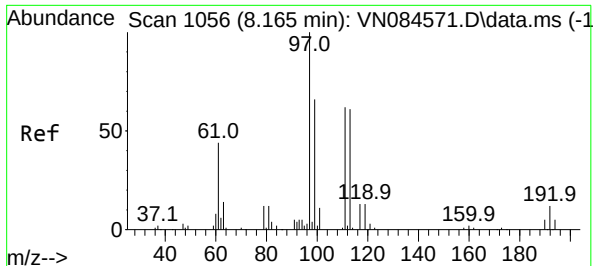
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.8

88 16.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.961 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

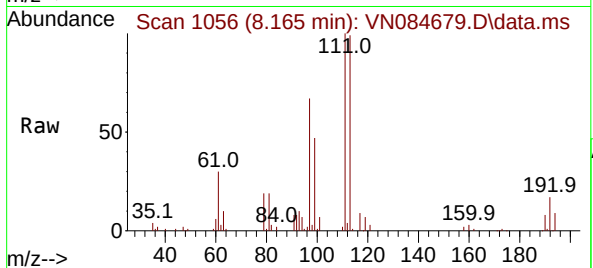
Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :



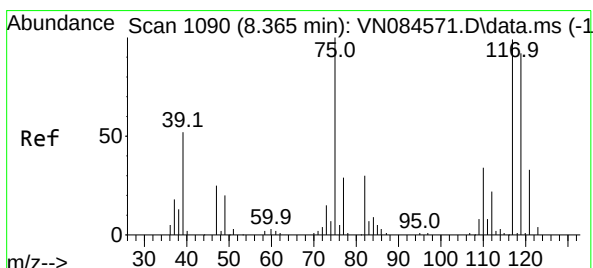
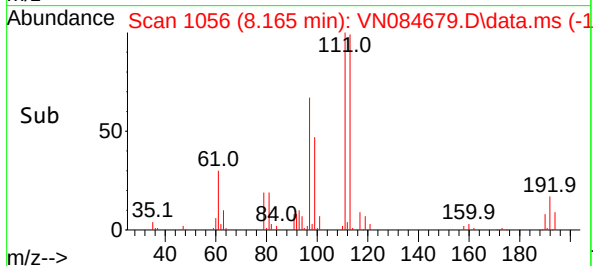
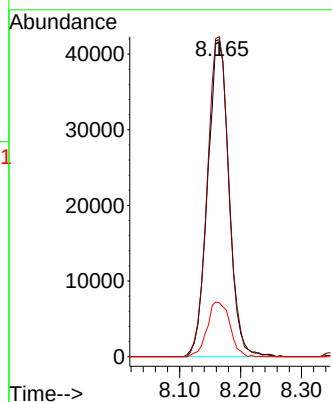
Tgt Ion:113 Resp: 101692

Ion Ratio Lower Upper

113 100

111 102.4 83.3 124.9

192 18.3 13.5 20.3



#36

1,1-Dichloropropene

Concen: 18.881 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

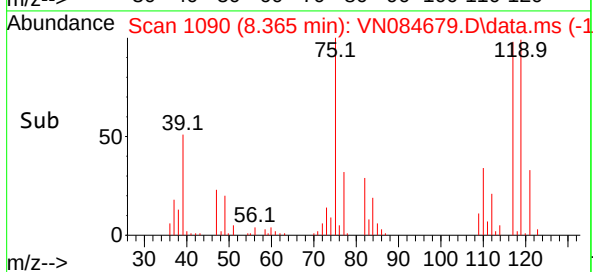
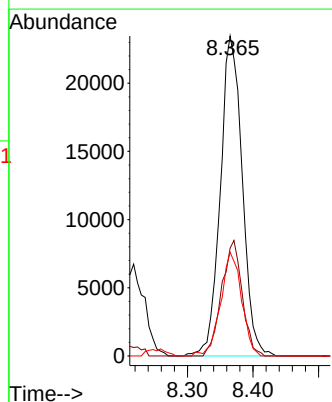
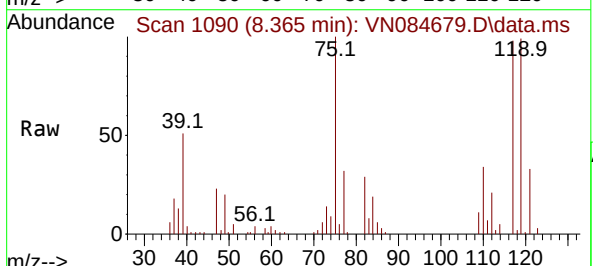
Tgt Ion: 75 Resp: 54388

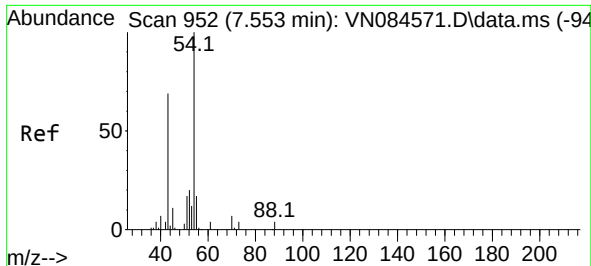
Ion Ratio Lower Upper

75 100

110 33.8 16.9 50.7

77 31.0 24.7 37.1

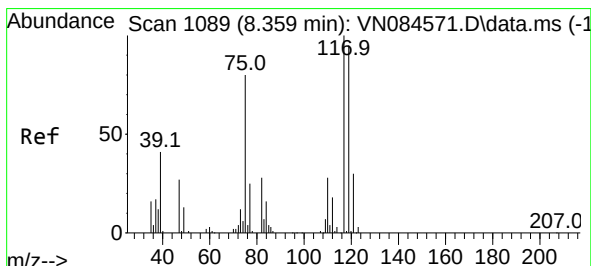
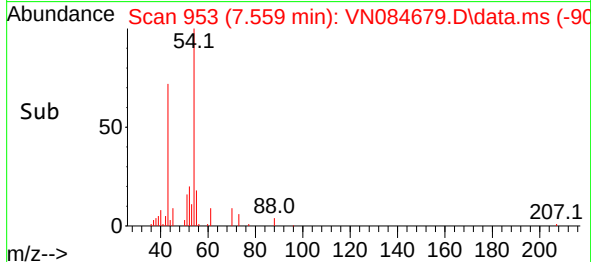
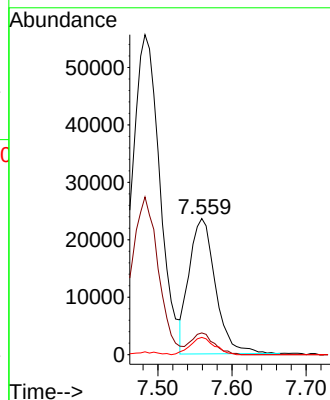
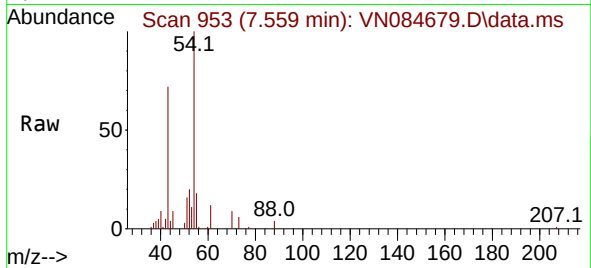




#37
Ethyl Acetate
Concen: 22.215 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

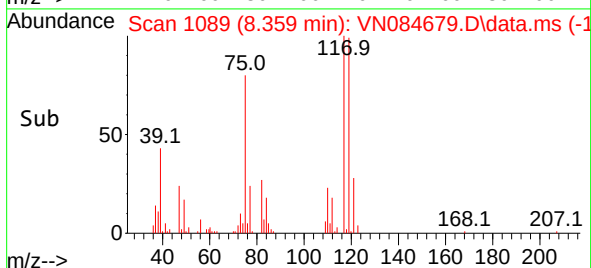
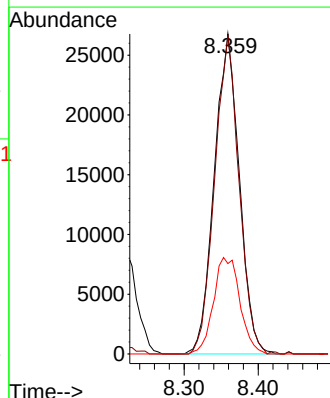
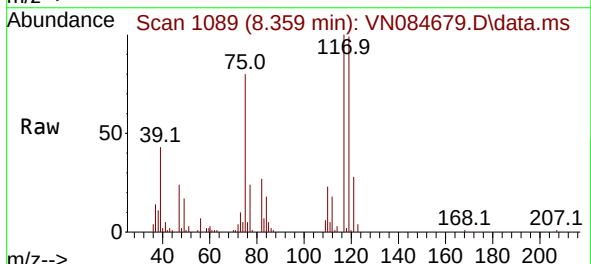
Instrument :
MSVOA_N
ClientSampleId :

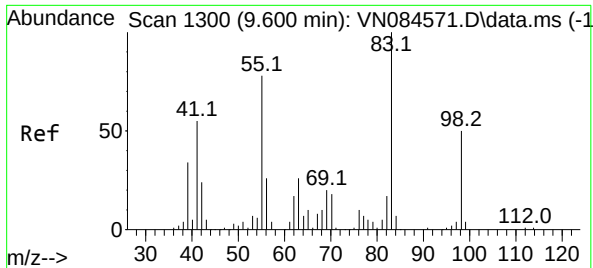
Tgt Ion: 43 Resp: 58058
Ion Ratio Lower Upper
43 100
61 13.8 10.7 16.1
70 11.7 8.8 13.2



#38
Carbon Tetrachloride
Concen: 19.504 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion: 117 Resp: 62796
Ion Ratio Lower Upper
117 100
119 99.5 78.7 118.1
121 28.2 24.4 36.6





#39

Methylcyclohexane

Concen: 19.297 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

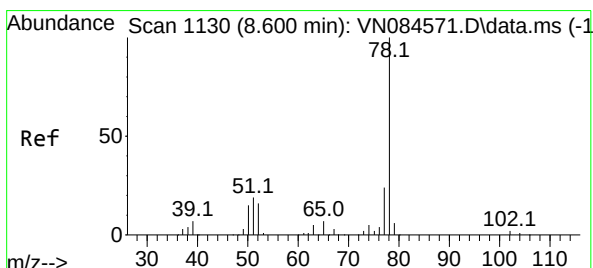
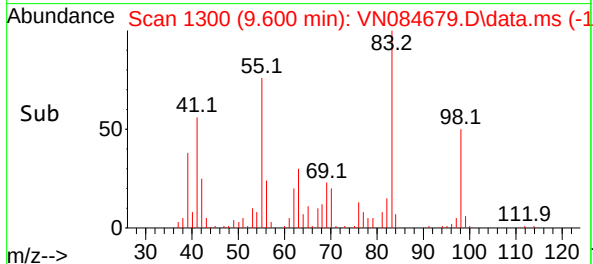
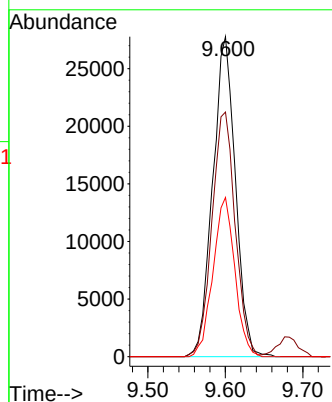
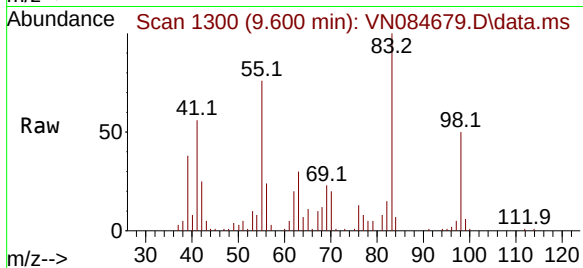
Tgt Ion: 83 Resp: 56548

Ion Ratio Lower Upper

83 100

55 76.5 62.8 94.2

98 49.8 38.8 58.2



#40

Benzene

Concen: 19.629 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN084679.D

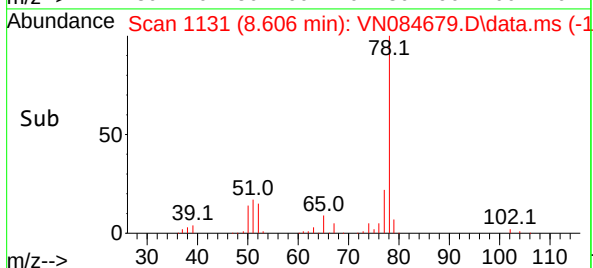
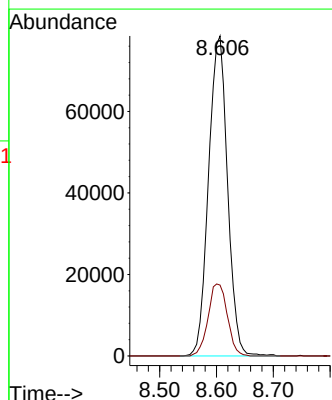
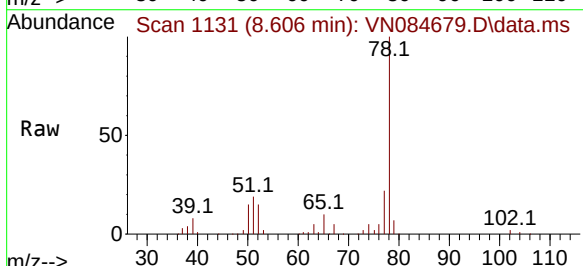
Acq: 05 Nov 2024 11:46

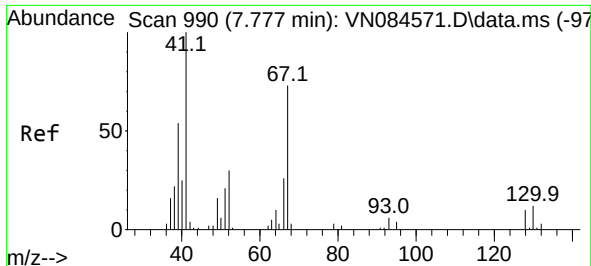
Tgt Ion: 78 Resp: 181581

Ion Ratio Lower Upper

78 100

77 22.1 19.1 28.7

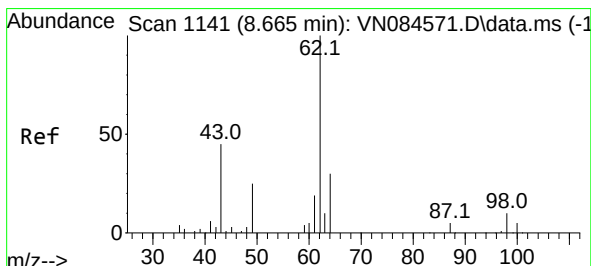
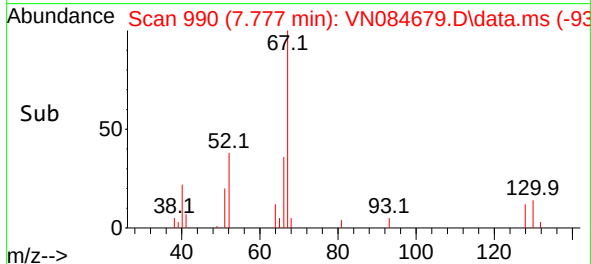
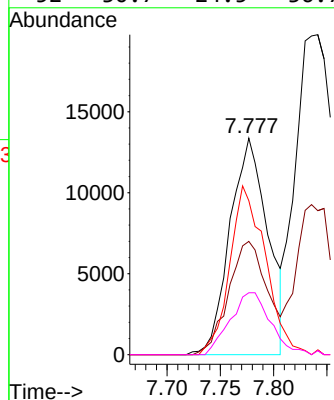
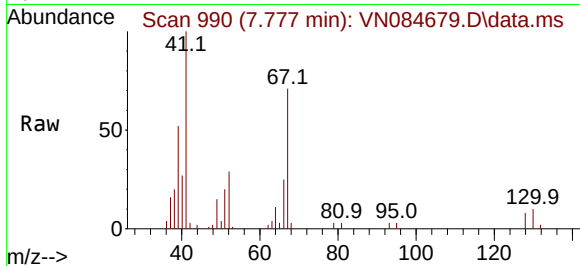




#41
Methacrylonitrile
Concen: 23.476 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

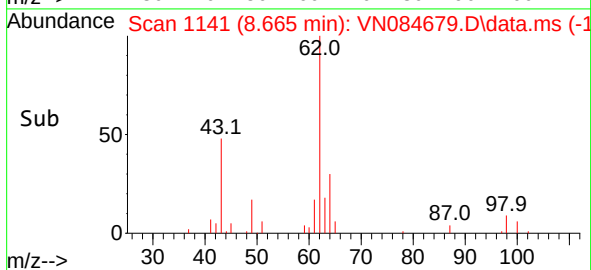
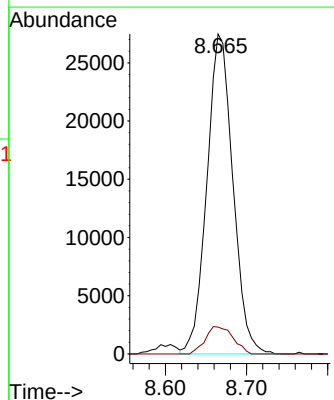
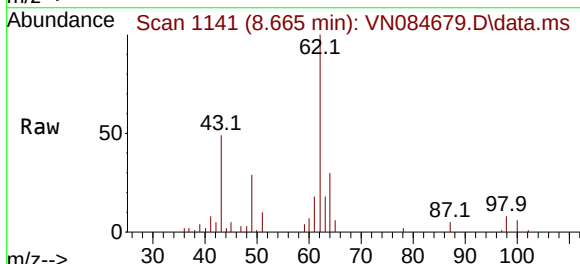
Instrument :
MSVOA_N
ClientSampleId :

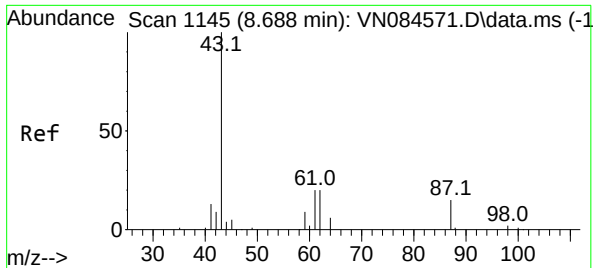
Tgt Ion:	41	Resp:	32994
Ion	Ratio	Lower	Upper
41	100		
39	53.7	43.3	64.9
67	73.6	56.1	84.1
52	30.7	24.5	36.7



#42
1,2-Dichloroethane
Concen: 20.397 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion:	62	Resp:	61108
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2

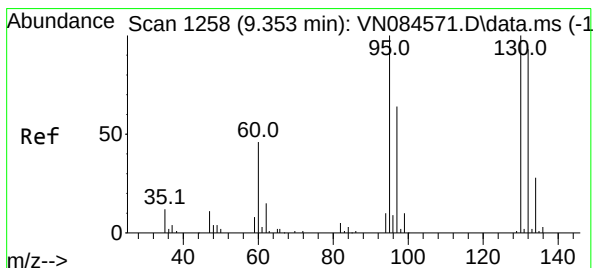
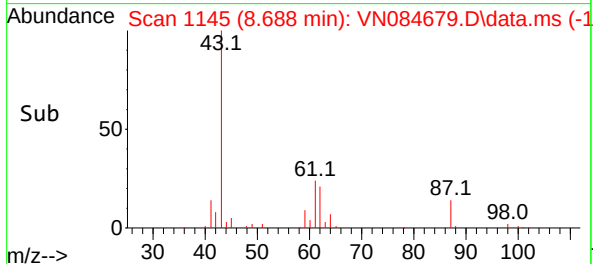
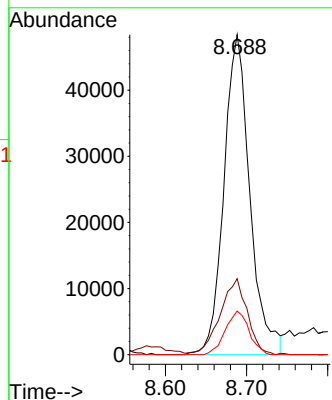
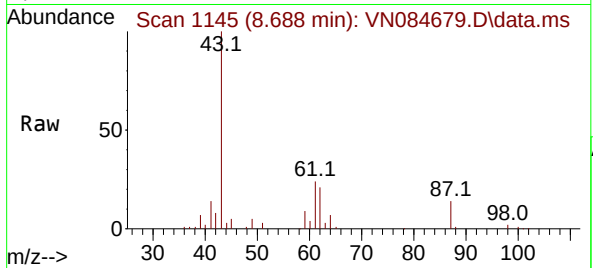




#43
Isopropyl Acetate
Concen: 21.712 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

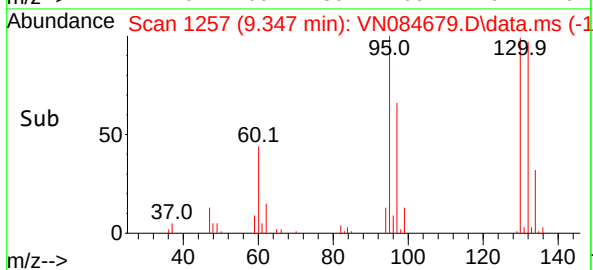
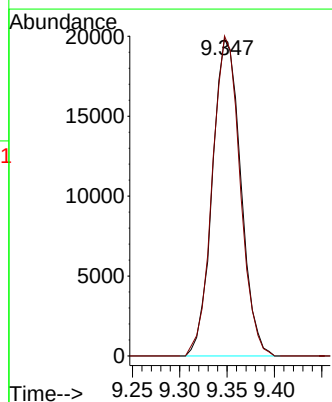
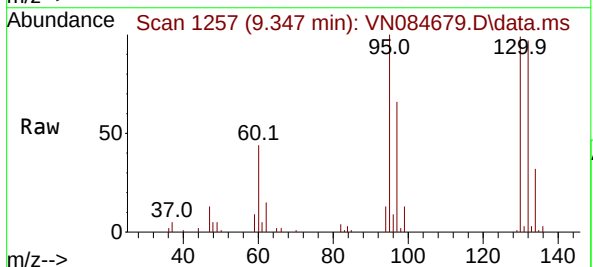
Instrument :
MSVOA_N
ClientSampleId :

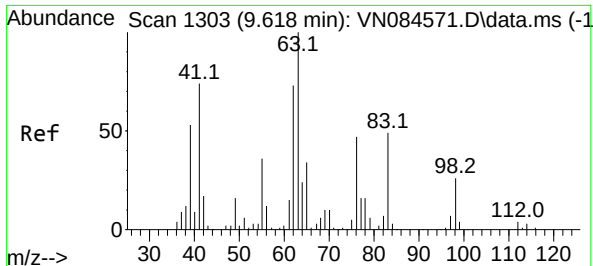
Tgt Ion: 43 Resp: 107465
Ion Ratio Lower Upper
43 100
61 24.9 20.4 30.6
87 12.4 10.3 15.5



#44
Trichloroethene
Concen: 19.351 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion:130 Resp: 41285
Ion Ratio Lower Upper
130 100
95 100.9 0.0 203.0





#45

1,2-Dichloropropane

Concen: 20.669 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

Instrument :

MSVOA_N

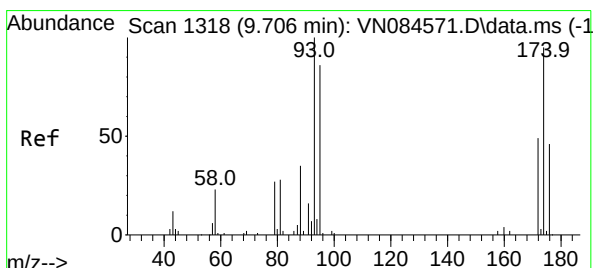
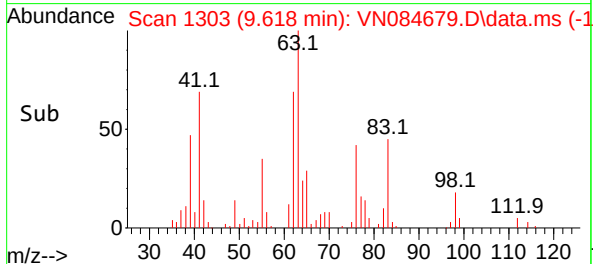
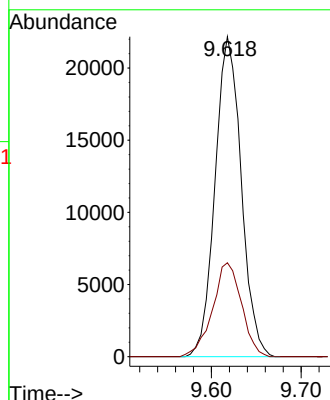
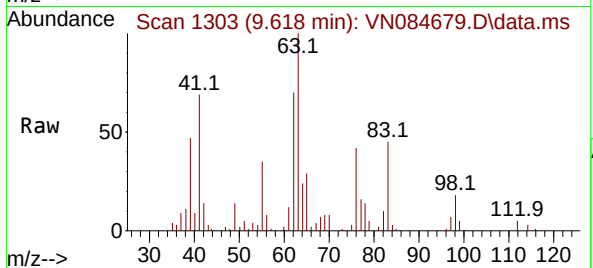
ClientSampleId :

Tgt Ion: 63 Resp: 44853

Ion Ratio Lower Upper

63 100

65 29.3 24.6 37.0



#46

Dibromomethane

Concen: 20.262 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

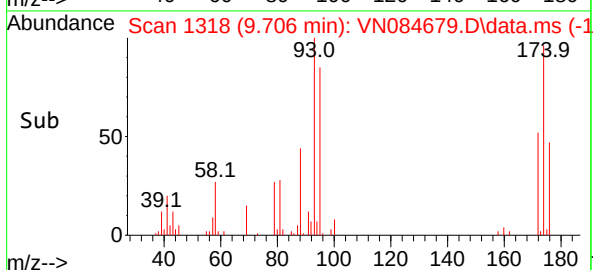
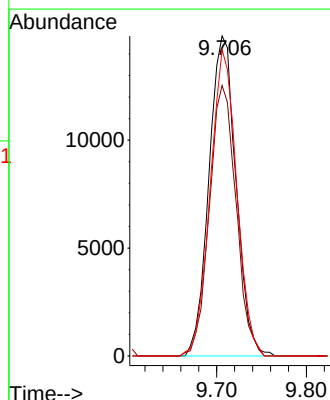
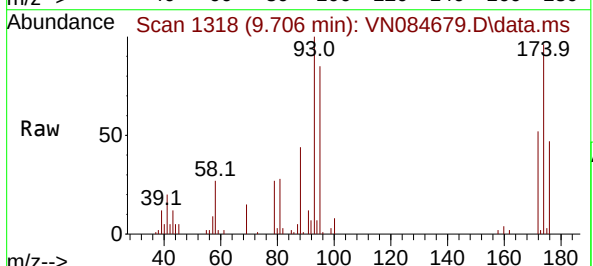
Tgt Ion: 93 Resp: 31026

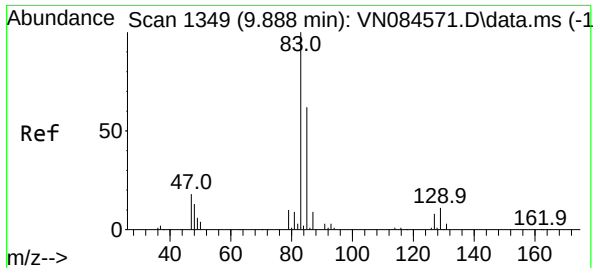
Ion Ratio Lower Upper

93 100

95 83.2 65.0 97.4

174 93.7 71.8 107.8

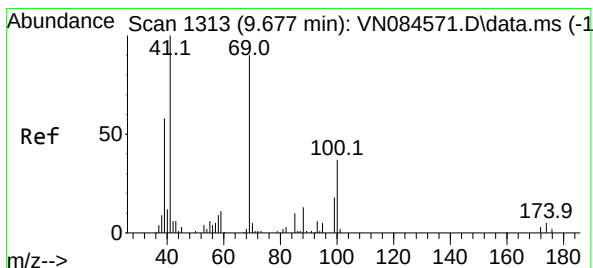
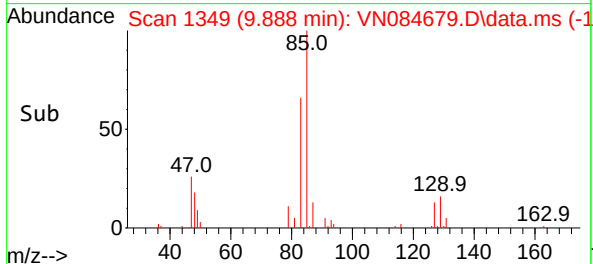
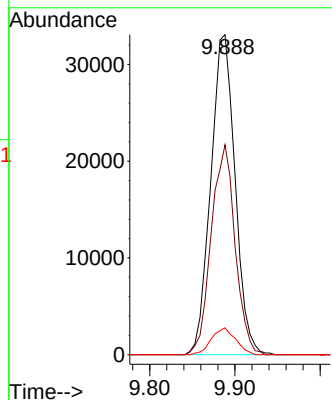
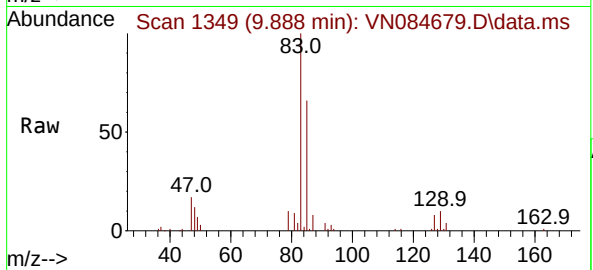




#47
Bromodichloromethane
Concen: 20.364 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

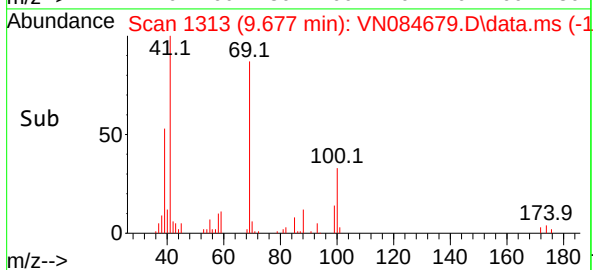
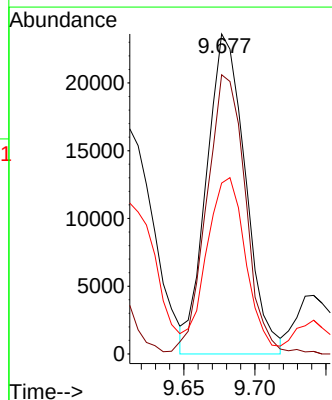
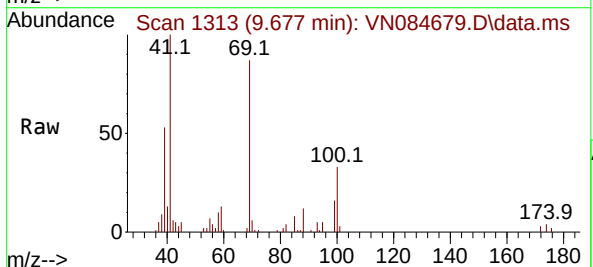
Instrument :
MSVOA_N
ClientSampleId :

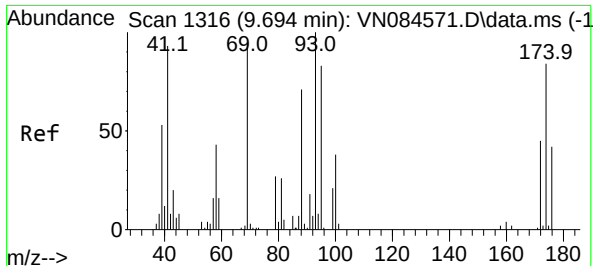
Tgt Ion: 83 Resp: 65732
Ion Ratio Lower Upper
83 100
85 65.6 51.5 77.3
127 8.4 5.7 8.5



#48
Methyl methacrylate
Concen: 22.102 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion: 41 Resp: 44956
Ion Ratio Lower Upper
41 100
69 87.3 67.1 100.7
39 56.3 45.8 68.6

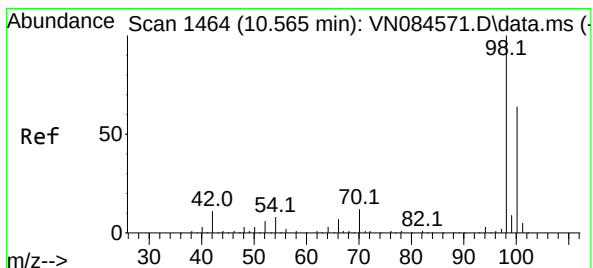
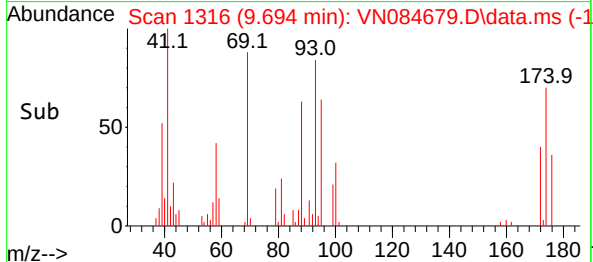
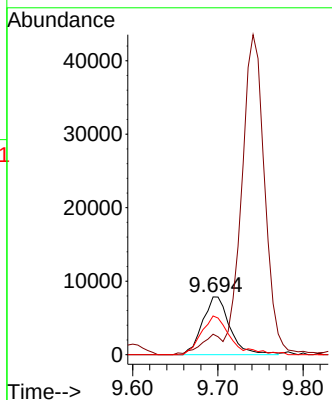
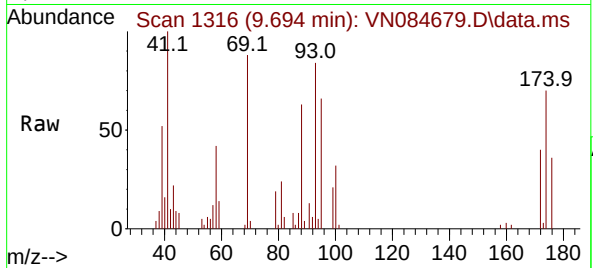




#49
1,4-Dioxane
Concen: 484.492 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

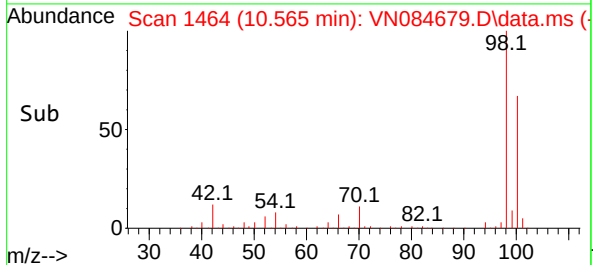
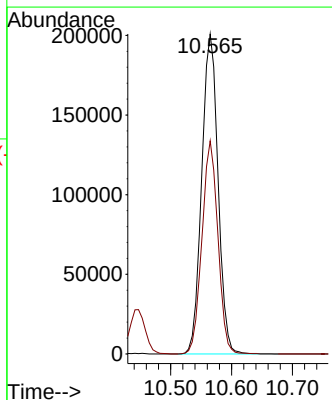
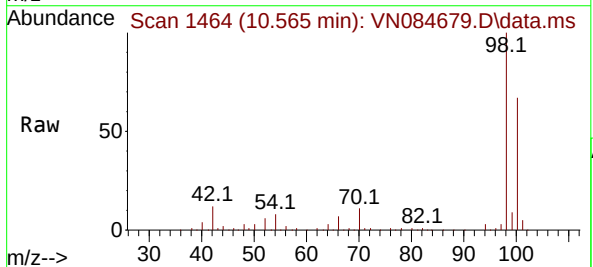
Instrument :
MSVOA_N
ClientSampleId :

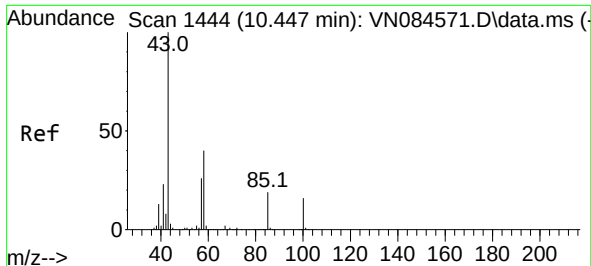
Tgt Ion: 88 Resp: 17463
Ion Ratio Lower Upper
88 100
43 27.3 25.3 37.9
58 71.9 56.4 84.6



#50
Toluene-d8
Concen: 48.813 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion: 98 Resp: 373465
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1

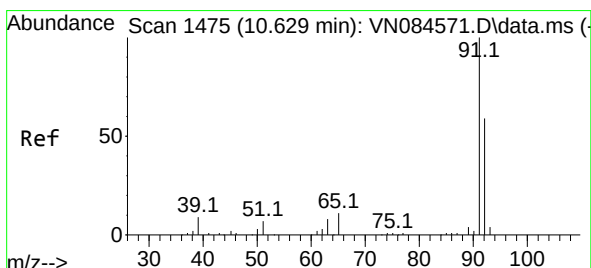
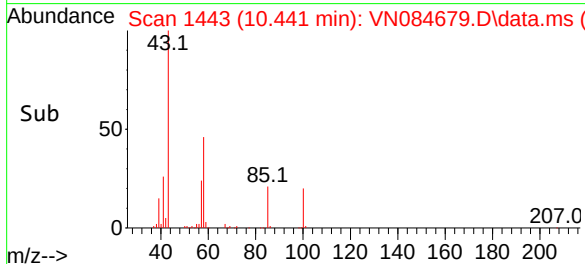
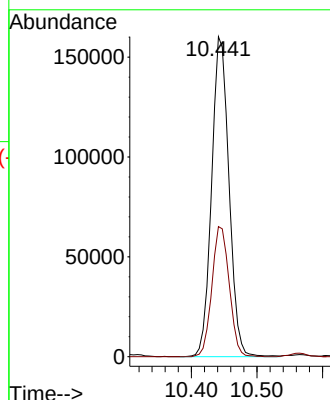
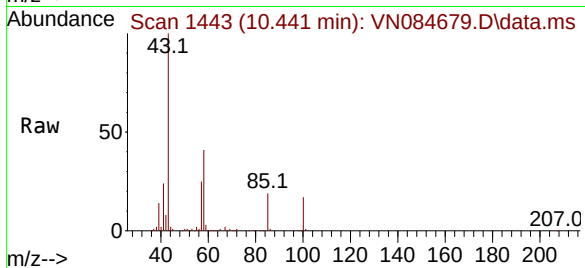




#51
4-Methyl-2-Pentanone
Concen: 118.297 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

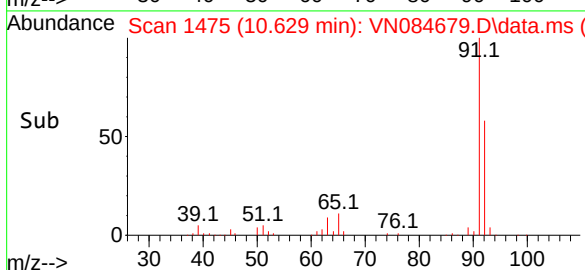
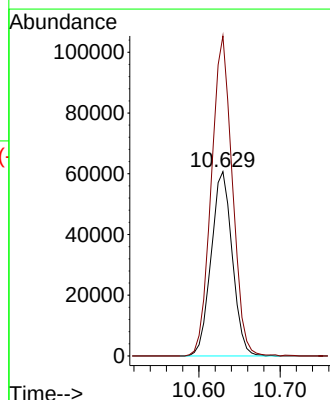
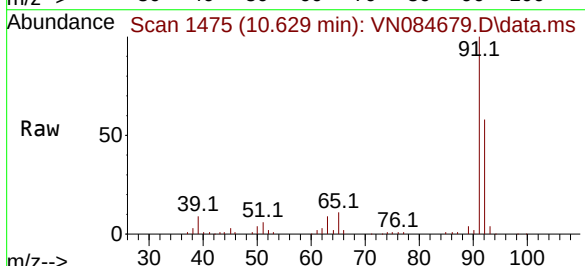
Instrument :
MSVOA_N
ClientSampleId :

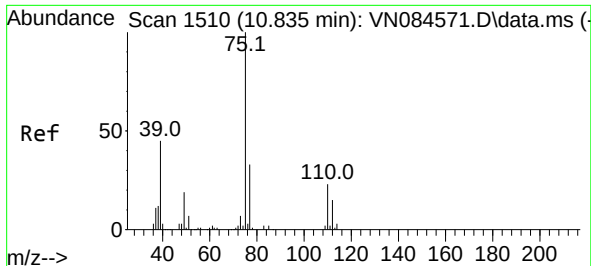
Tgt Ion: 43 Resp: 294729
Ion Ratio Lower Upper
43 100
58 40.5 31.6 47.4



#52
Toluene
Concen: 20.234 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion: 92 Resp: 109470
Ion Ratio Lower Upper
92 100
91 172.9 137.3 205.9

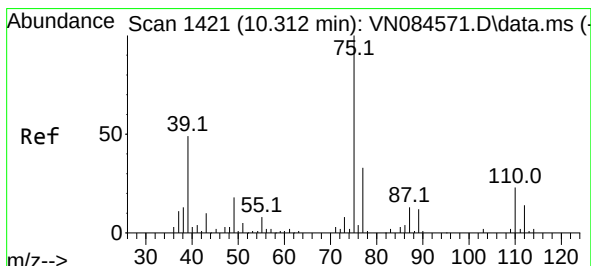
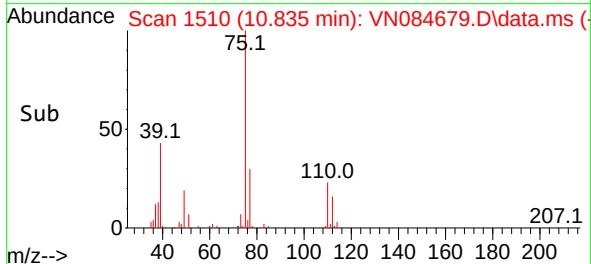
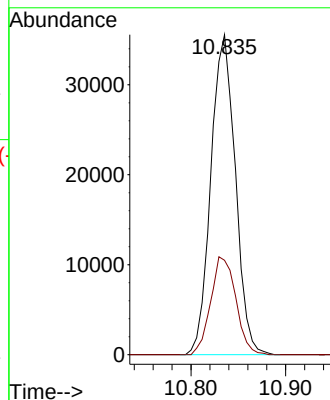
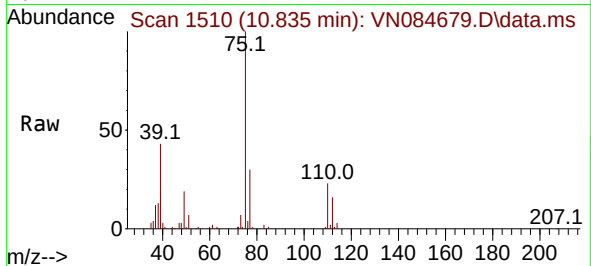




#53
 t-1,3-Dichloropropene
 Concen: 19.115 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN084679.D
 Acq: 05 Nov 2024 11:46

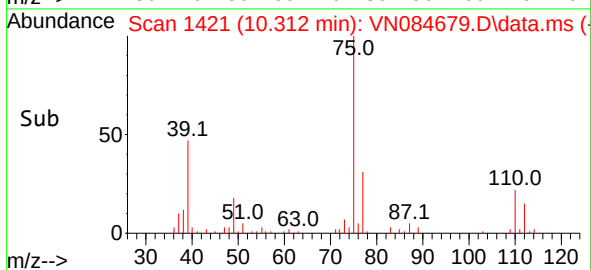
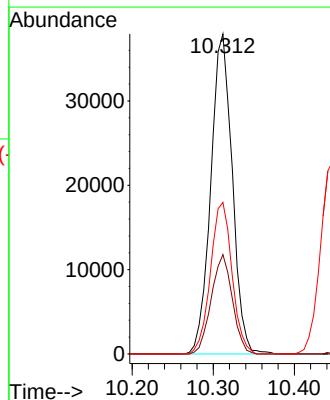
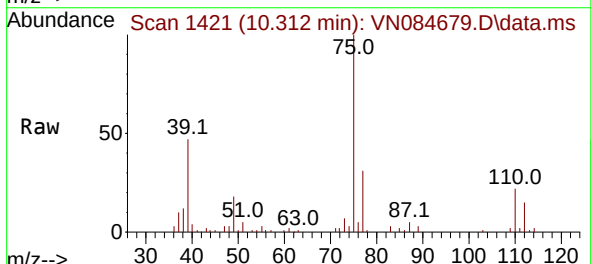
Instrument :
 MSVOA_N
 ClientSampleId :

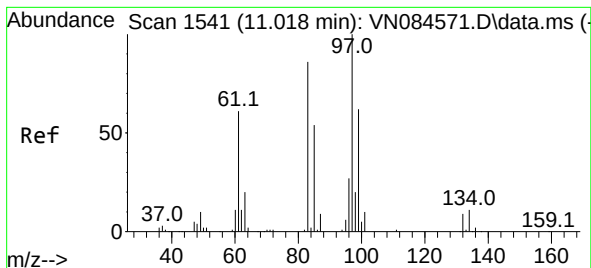
Tgt Ion: 75 Resp: 63864
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.699 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN084679.D
 Acq: 05 Nov 2024 11:46

Tgt Ion: 75 Resp: 69660
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.2 36.2
 39 47.4 38.7 58.1

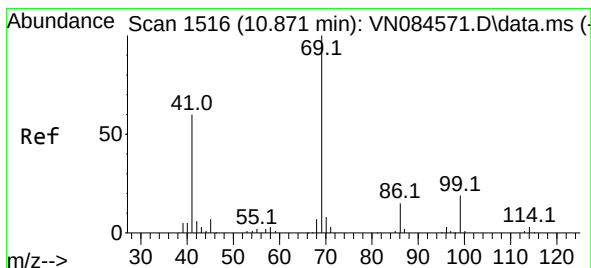
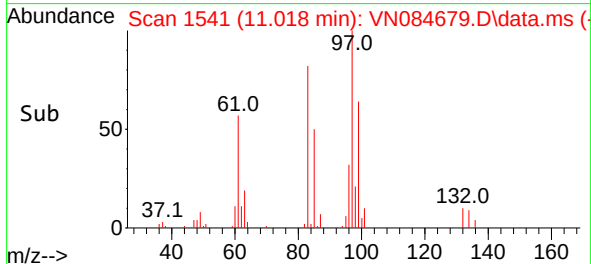
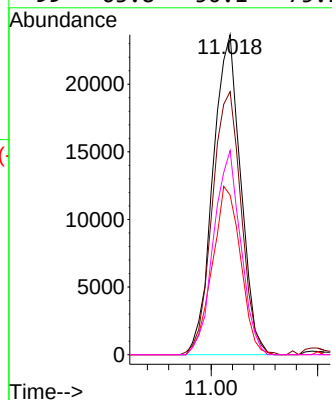
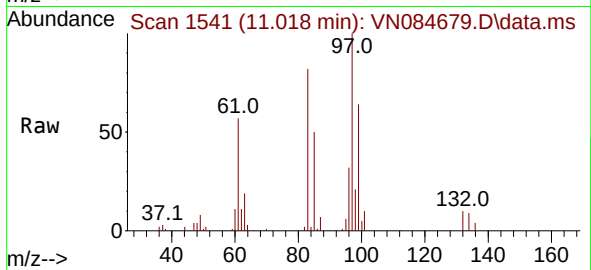




#55
1,1,2-Trichloroethane
Concen: 20.967 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

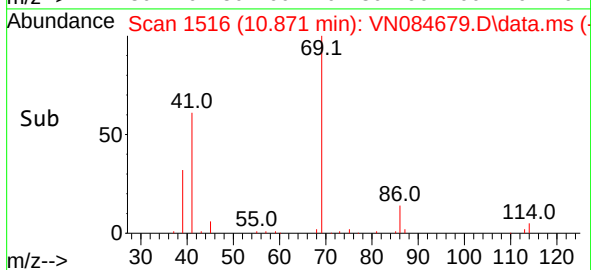
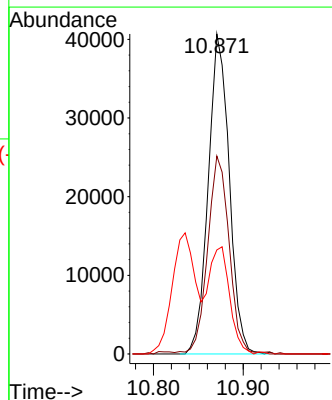
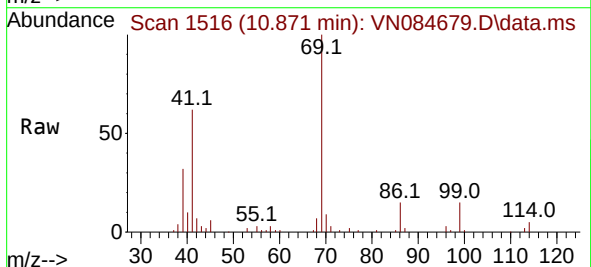
Instrument :
MSVOA_N
ClientSampleId :

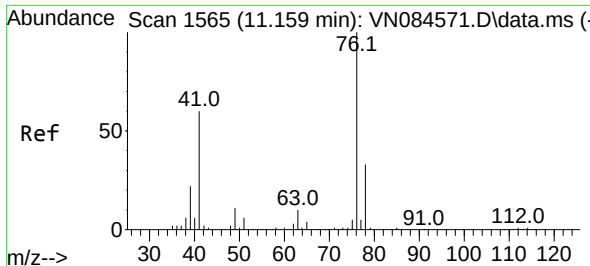
Tgt Ion:	97	Resp:	42731
Ion	Ratio	Lower	Upper
97	100		
83	82.2	71.0	106.4
85	49.8	41.7	62.5
99	63.8	50.1	75.1



#56
Ethyl methacrylate
Concen: 22.425 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion:	69	Resp:	66105
Ion	Ratio	Lower	Upper
69	100		
41	63.7	53.3	79.9
39	33.9	28.8	43.2





#57

1,3-Dichloropropane

Concen: 20.954 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

Instrument :

MSVOA_N

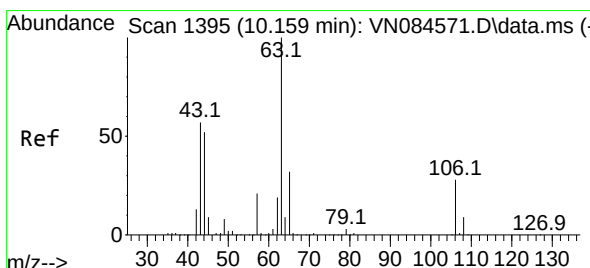
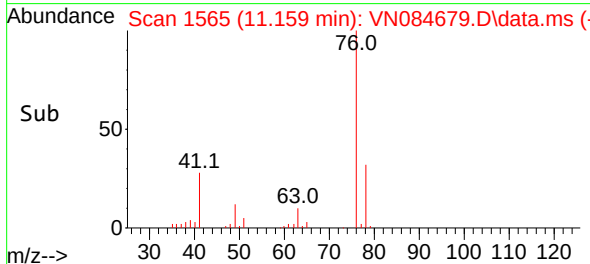
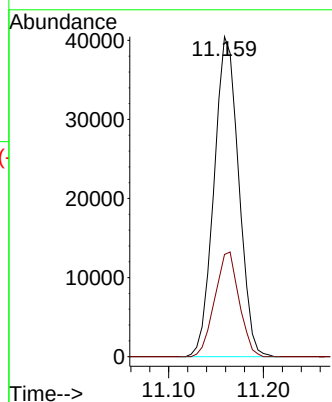
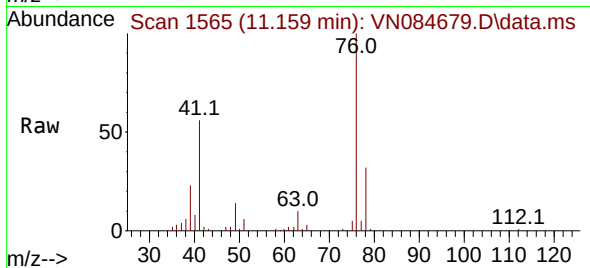
ClientSampleId :

Tgt Ion: 76 Resp: 73289

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 112.689 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084679.D

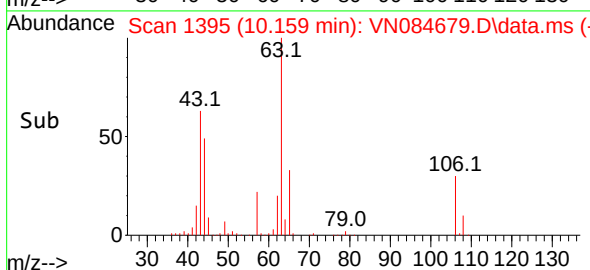
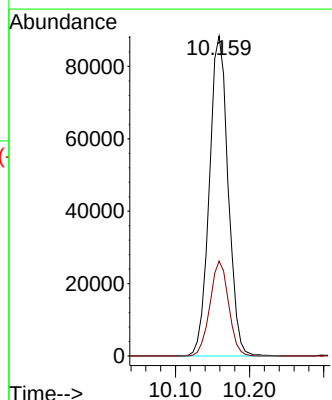
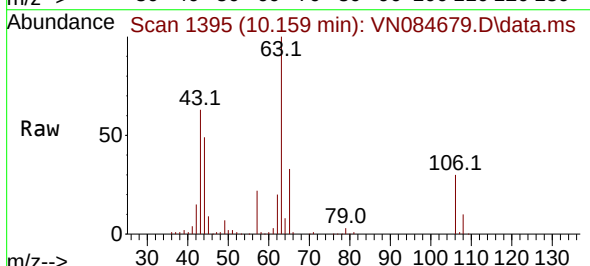
Acq: 05 Nov 2024 11:46

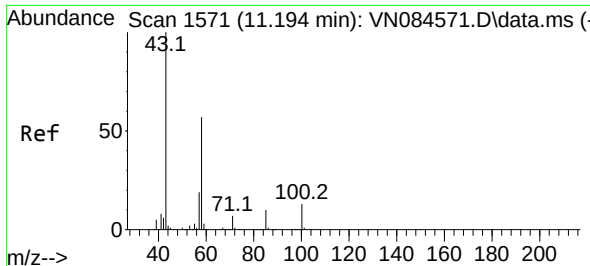
Tgt Ion: 63 Resp: 155444

Ion Ratio Lower Upper

63 100

106 29.4 21.8 32.6

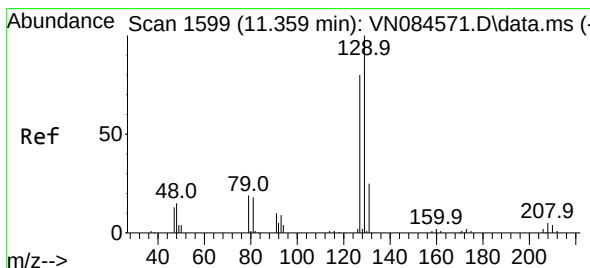
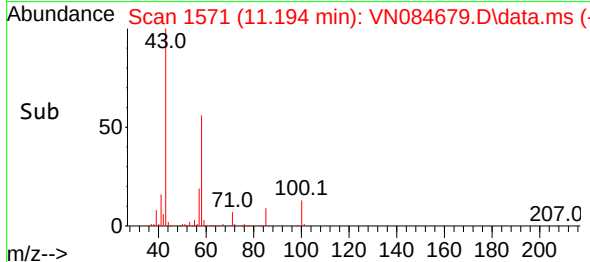
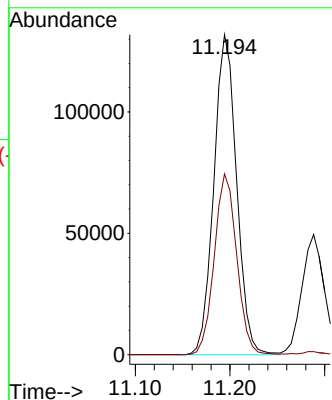
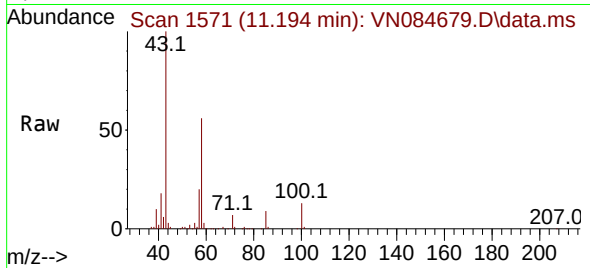




#59
2-Hexanone
Concen: 121.530 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

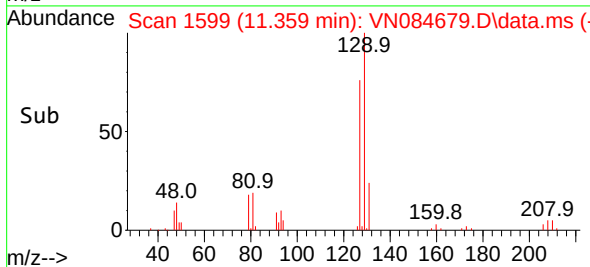
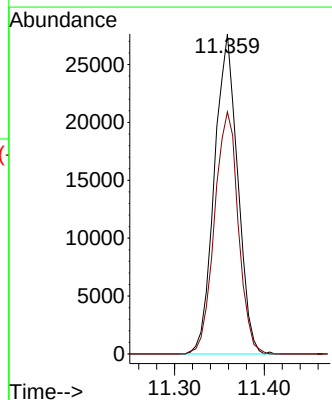
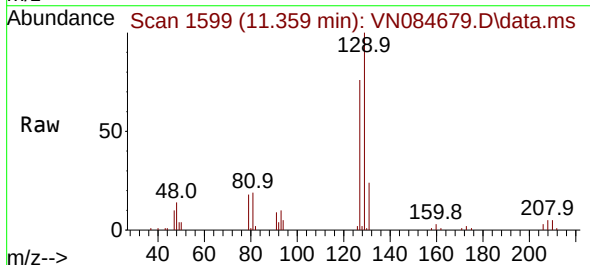
Instrument :
MSVOA_N
ClientSampleId :

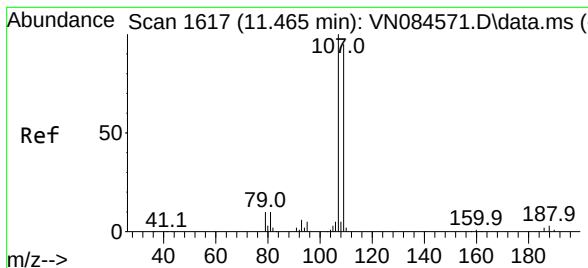
Tgt Ion: 43 Resp: 220393
Ion Ratio Lower Upper
43 100
58 55.8 27.3 81.8



#60
Dibromochloromethane
Concen: 21.428 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion: 129 Resp: 49770
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.9





#61

1,2-Dibromoethane

Concen: 20.510 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

Instrument :

MSVOA_N

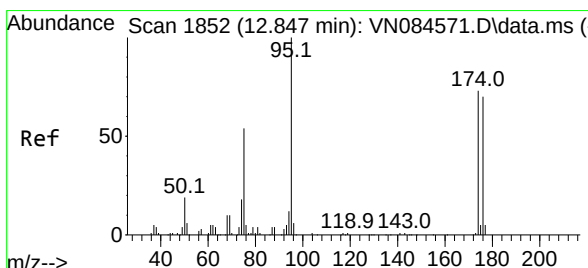
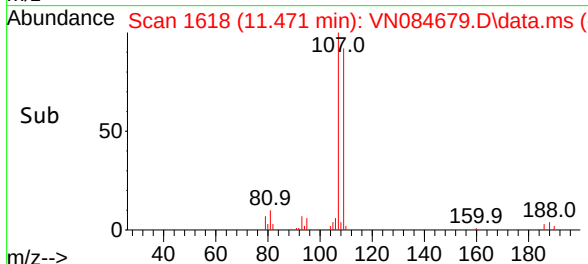
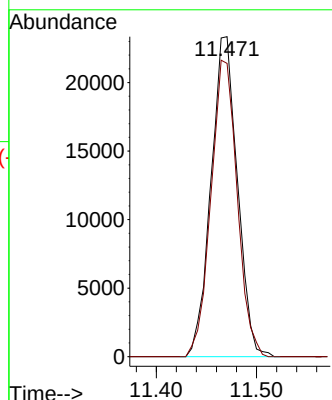
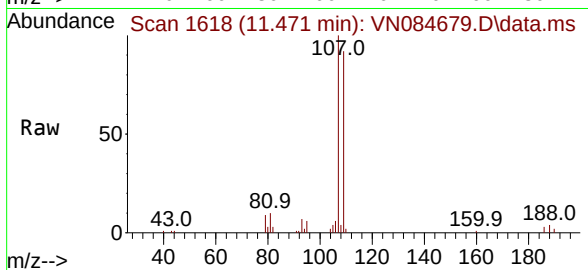
ClientSampleId :

Tgt Ion:107 Resp: 42804

Ion Ratio Lower Upper

107 100

109 91.8 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 47.558 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

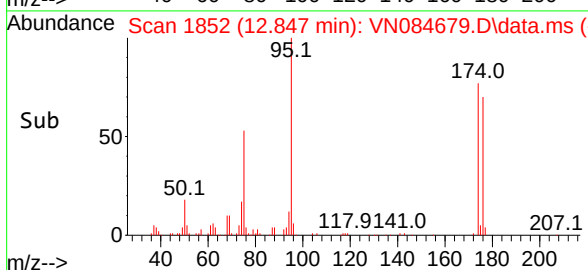
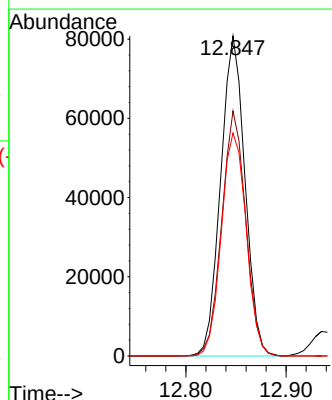
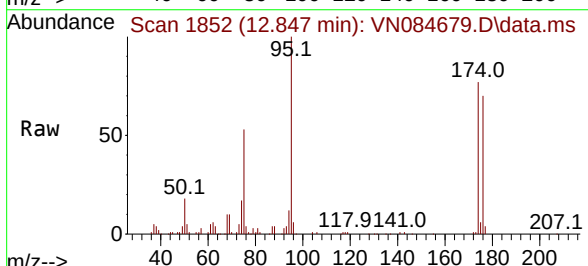
Tgt Ion: 95 Resp: 135989

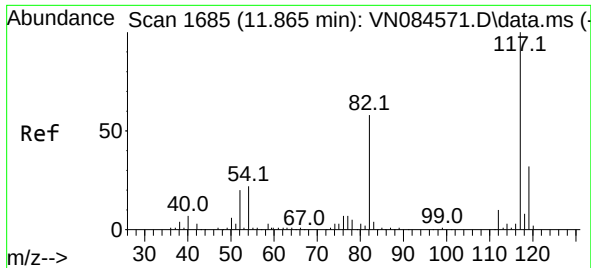
Ion Ratio Lower Upper

95 100

174 75.6 0.0 145.2

176 71.3 0.0 140.0

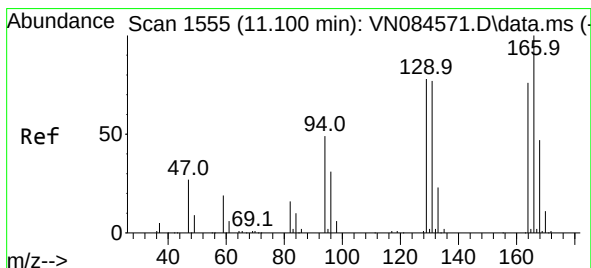
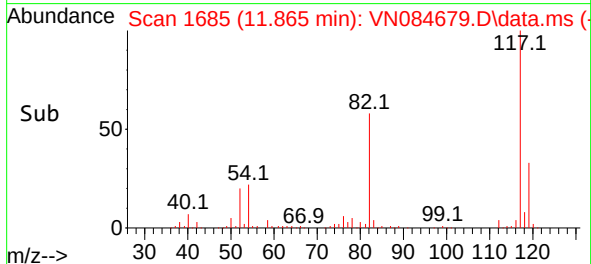
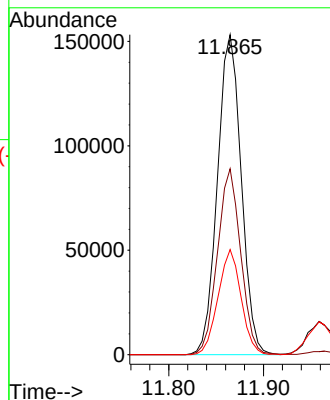
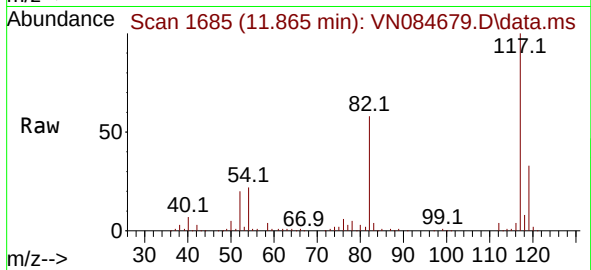




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

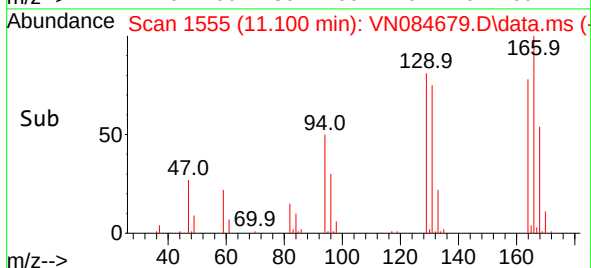
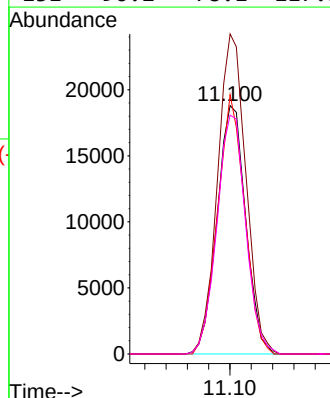
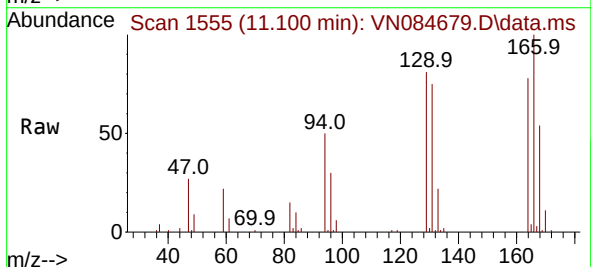
Instrument :
MSVOA_N
ClientSampleId :

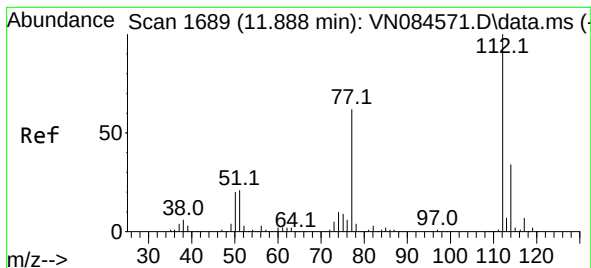
Tgt Ion:117 Resp: 267859
Ion Ratio Lower Upper
117 100
82 58.1 47.2 70.8
119 32.8 25.4 38.0



#64
Tetrachloroethene
Concen: 19.638 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion:164 Resp: 34989
Ion Ratio Lower Upper
164 100
166 128.9 101.0 151.4
129 104.4 80.8 121.2
131 96.2 78.1 117.1





#65

Chlorobenzene

Concen: 19.308 ug/l

RT: 11.888 min Scan# 115702

Delta R.T. 0.000 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

Instrument :

MSVOA_N

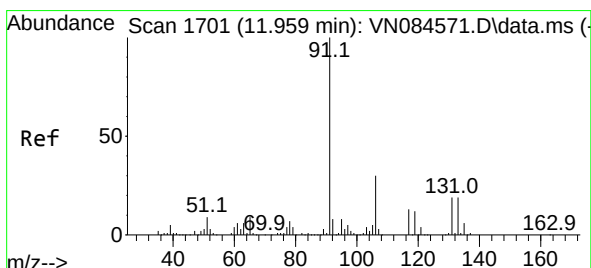
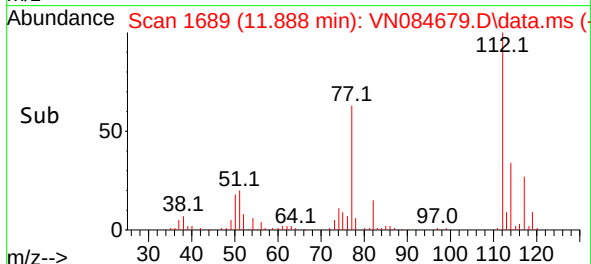
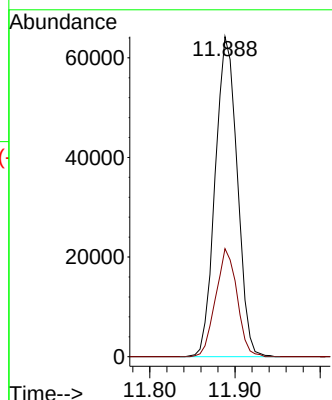
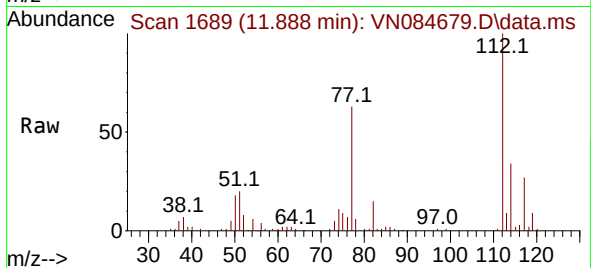
ClientSampleId :

Tgt Ion:112 Resp: 115702

Ion Ratio Lower Upper

112 100

114 33.8 27.0 40.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.435 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

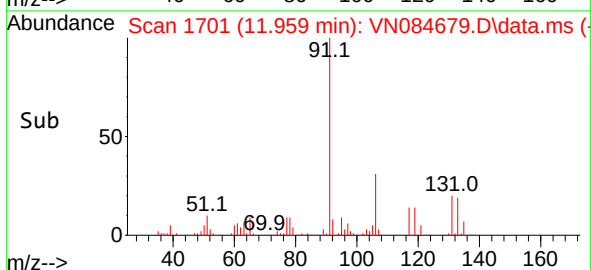
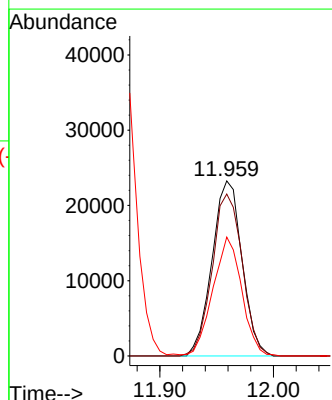
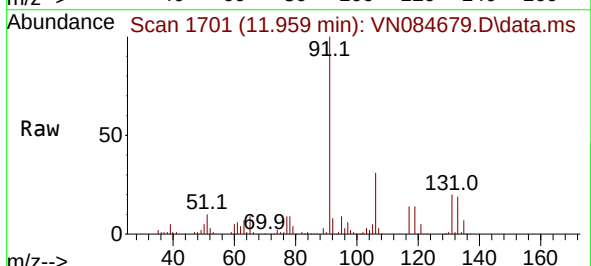
Tgt Ion:131 Resp: 42594

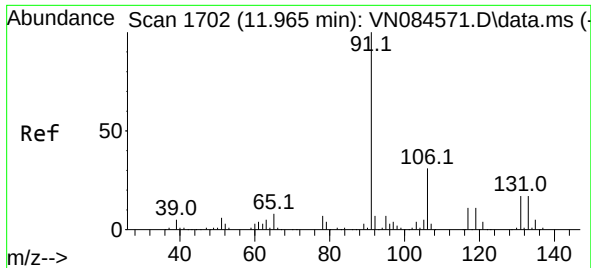
Ion Ratio Lower Upper

131 100

133 93.3 47.9 143.7

119 65.6 32.8 98.3

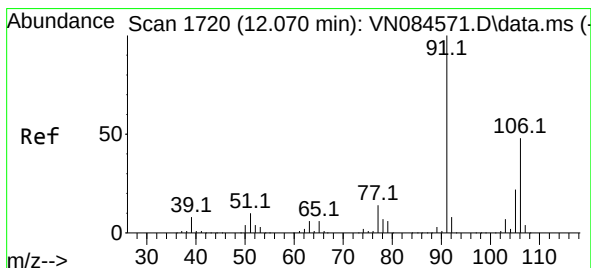
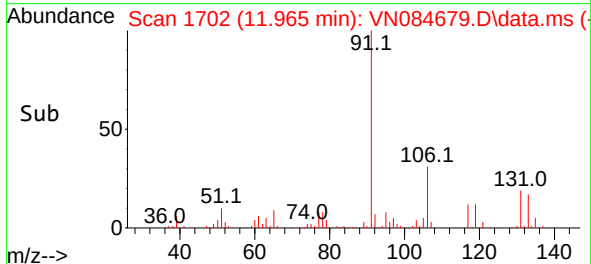
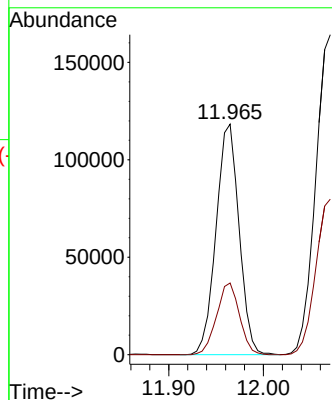
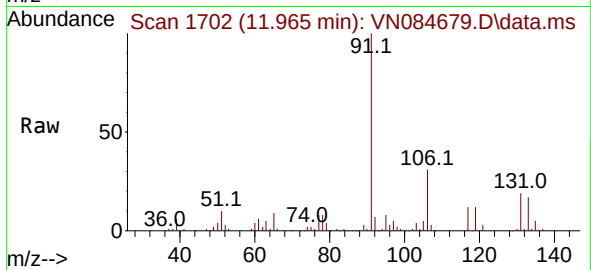




#67
Ethyl Benzene
Concen: 19.988 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

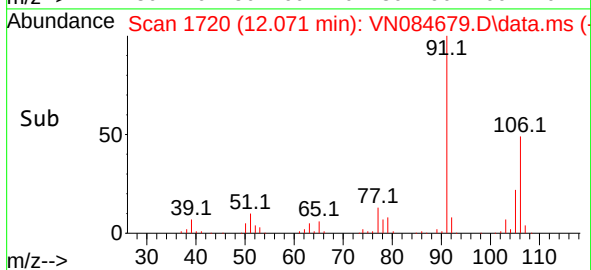
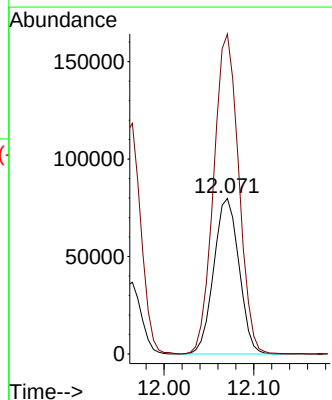
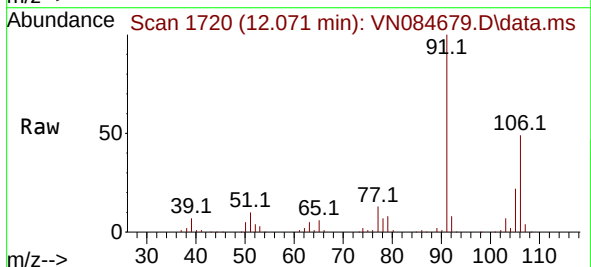
Instrument :
MSVOA_N
ClientSampleId :

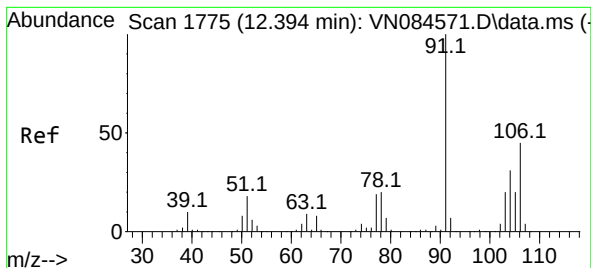
Tgt Ion: 91 Resp: 199934
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7



#68
m/p-Xylenes
Concen: 41.176 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion:106 Resp: 155930
Ion Ratio Lower Upper
106 100
91 204.8 167.1 250.7





#69

o-Xylene

Concen: 20.837 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

Instrument :

MSVOA_N

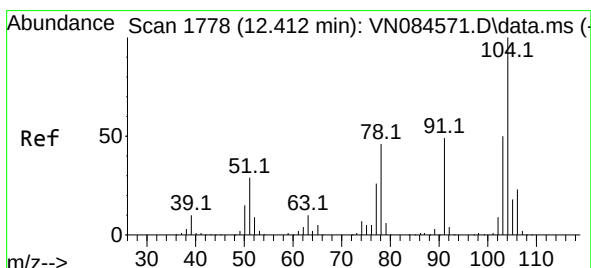
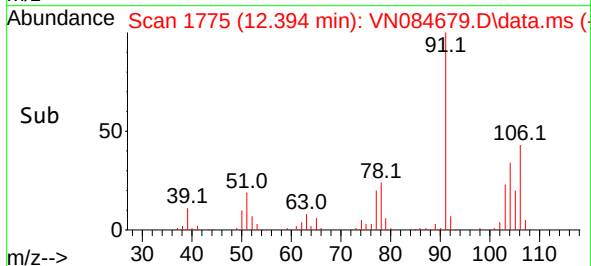
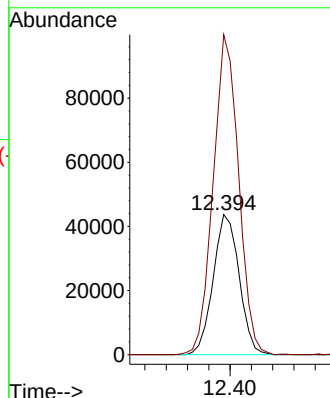
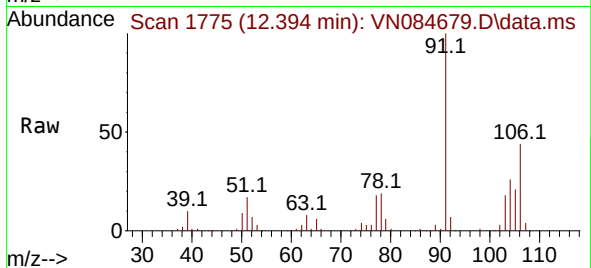
ClientSampleId :

Tgt Ion:106 Resp: 73817

Ion Ratio Lower Upper

106 100

91 224.0 110.2 330.6



#70

Styrene

Concen: 20.162 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

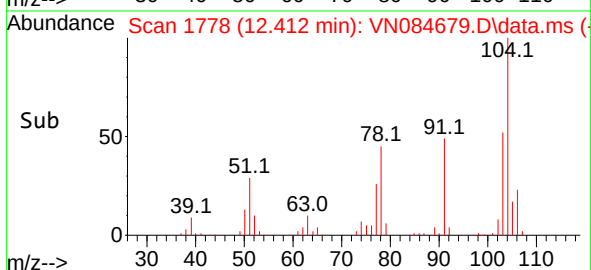
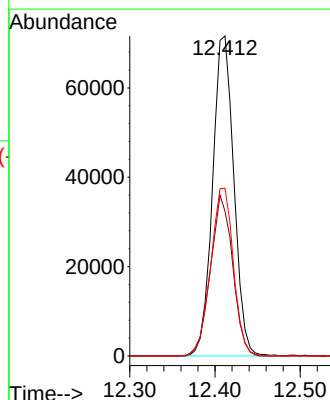
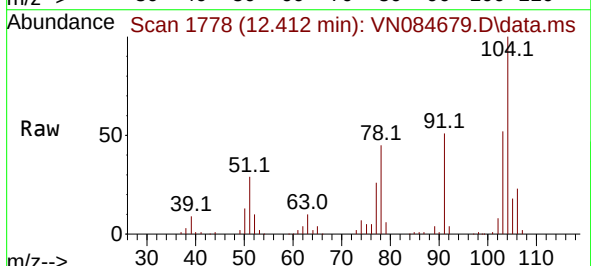
Tgt Ion:104 Resp: 124600

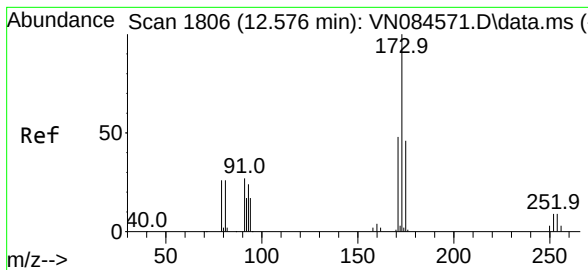
Ion Ratio Lower Upper

104 100

78 52.3 42.7 64.1

103 56.0 43.6 65.4





#71

Bromoform

Concen: 21.708 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

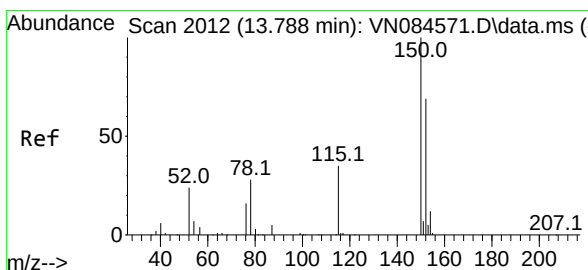
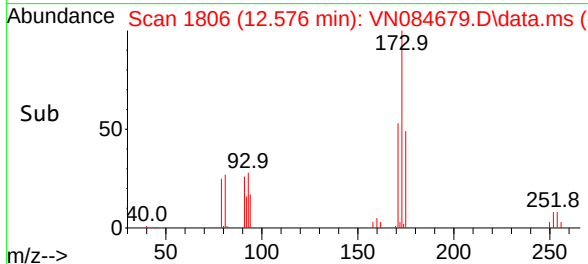
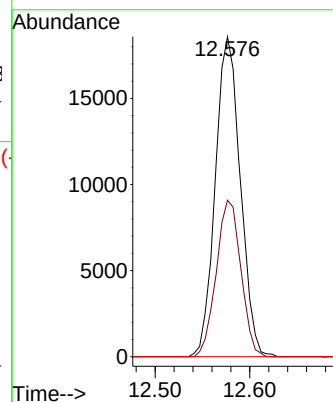
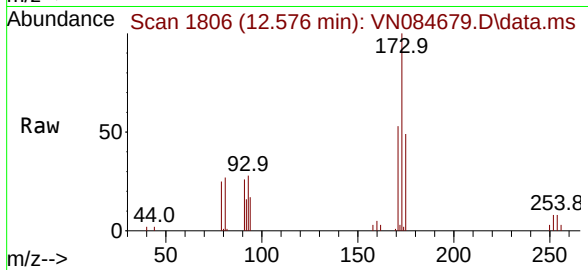
Tgt Ion:173 Resp: 34048

Ion Ratio Lower Upper

173 100

175 48.0 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

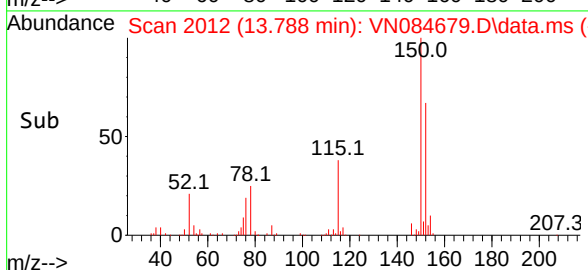
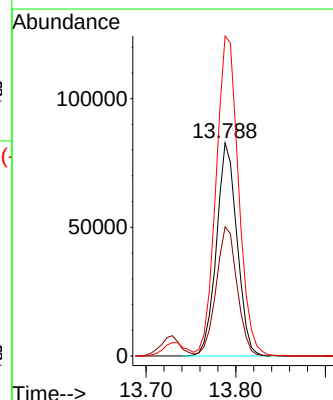
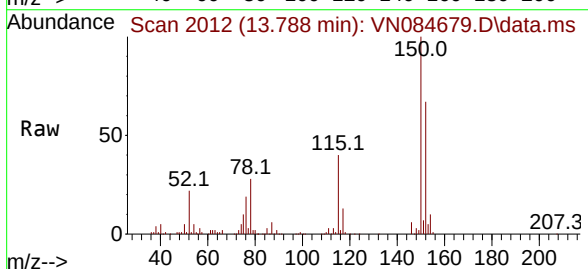
Tgt Ion:152 Resp: 131350

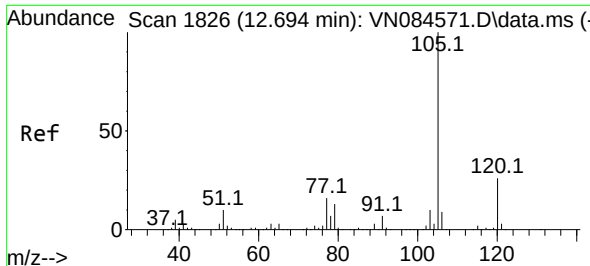
Ion Ratio Lower Upper

152 100

115 62.2 31.3 93.9

150 164.7 0.0 349.8

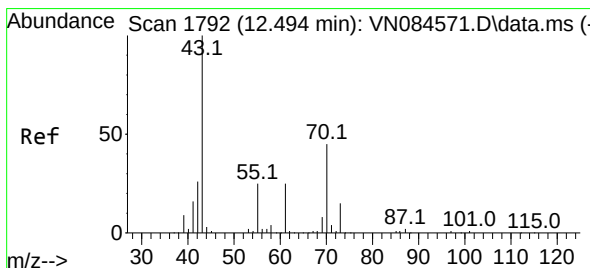
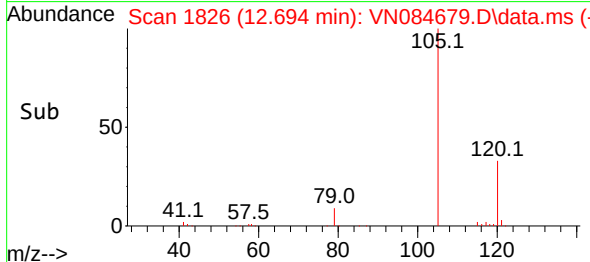
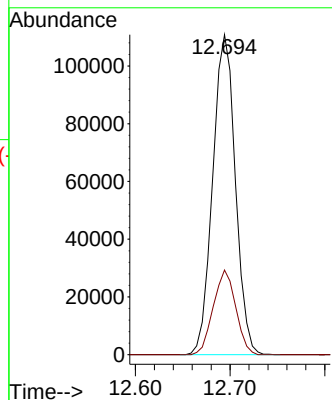
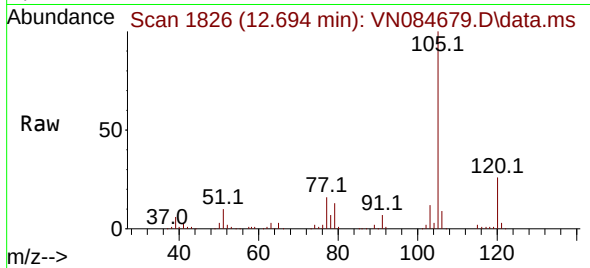




#73
Isopropylbenzene
Concen: 20.031 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

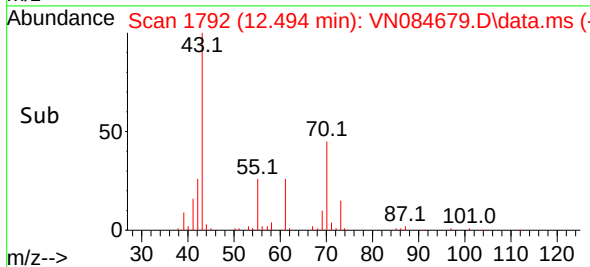
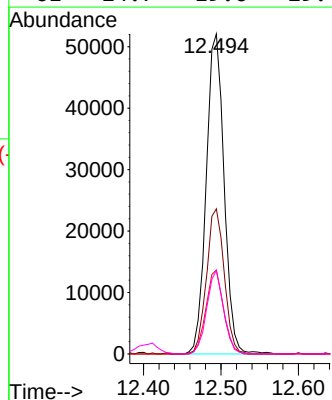
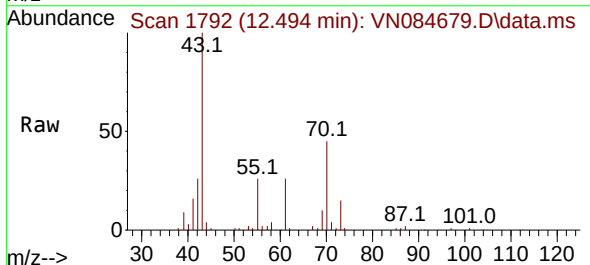
Instrument :
MSVOA_N
ClientSampleId :

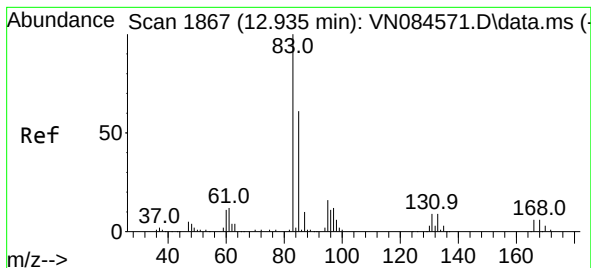
Tgt Ion:105 Resp: 184380
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.7



#74
N-ethyl acetate
Concen: 21.246 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion: 43 Resp: 83235
Ion Ratio Lower Upper
43 100
70 45.1 34.4 51.6
55 25.8 19.6 29.4
61 24.7 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.512 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

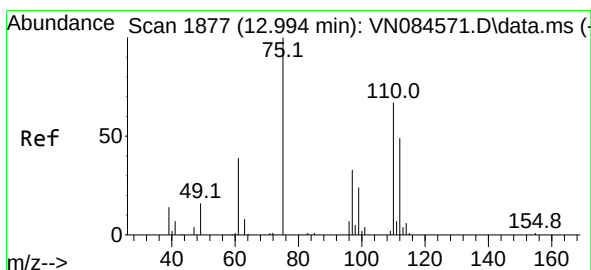
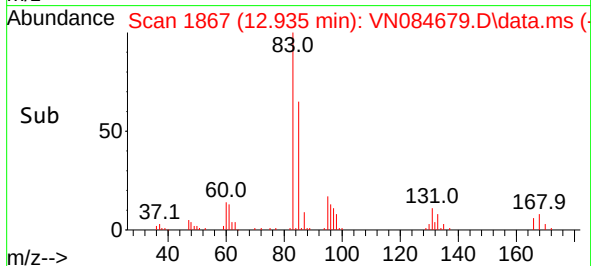
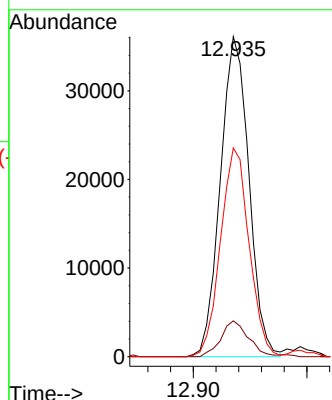
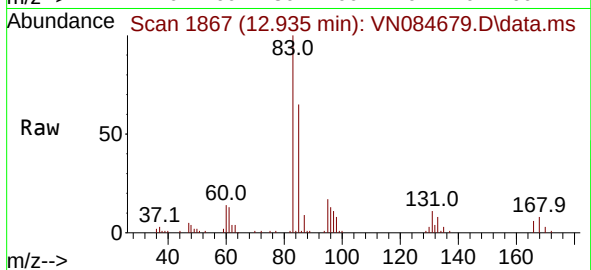
Tgt Ion: 83 Resp: 63021

Ion Ratio Lower Upper

83 100

131 11.0 4.9 14.7

85 65.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 31.512 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VN084679.D

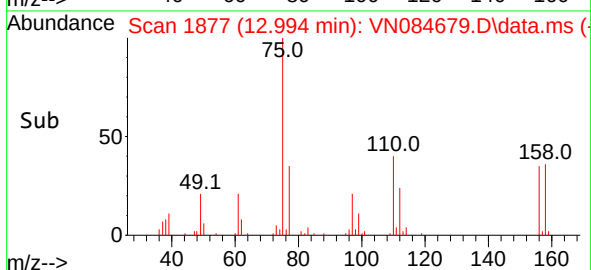
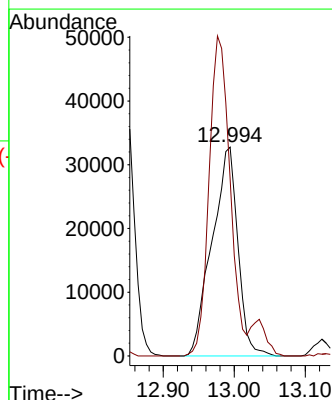
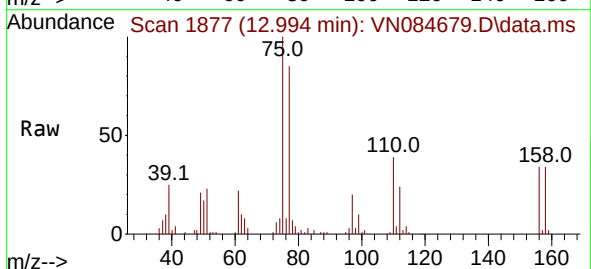
Acq: 05 Nov 2024 11:46

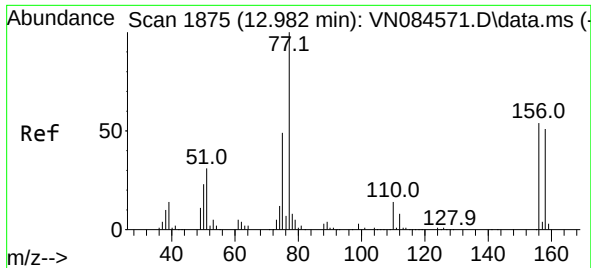
Tgt Ion: 75 Resp: 82739

Ion Ratio Lower Upper

75 100

77 124.5 96.9 290.7

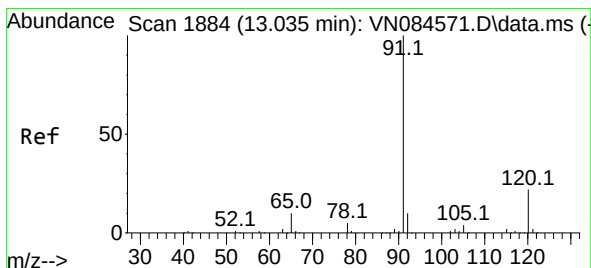
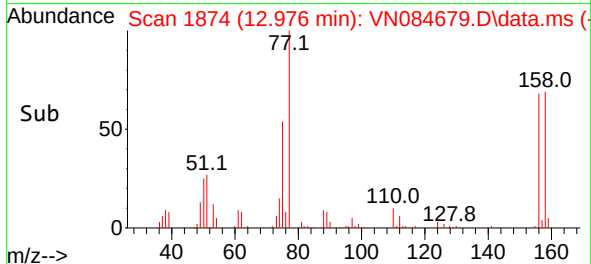
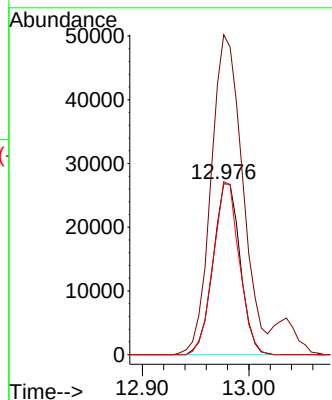
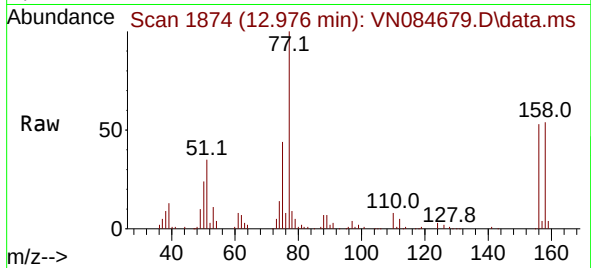




#77
Bromobenzene
Concen: 19.094 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

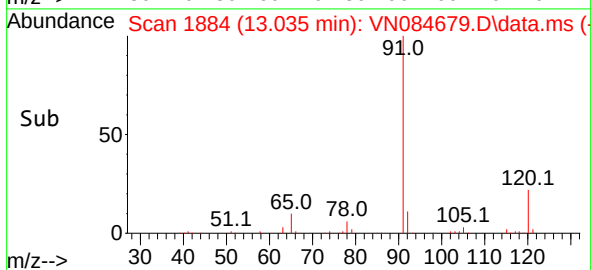
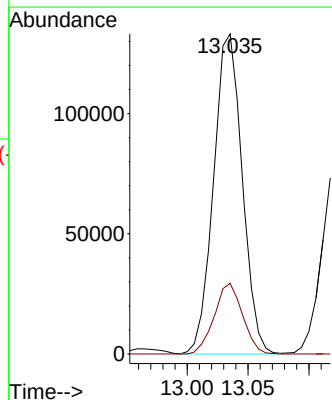
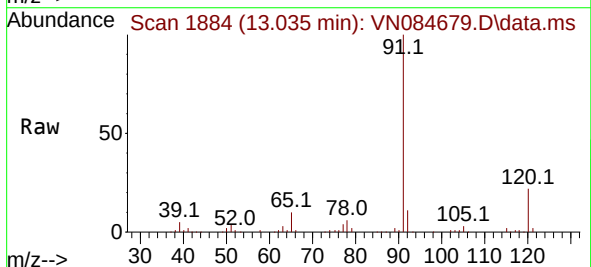
Instrument :
MSVOA_N
ClientSampleId :

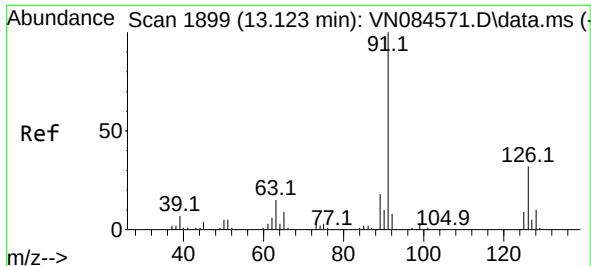
Tgt Ion:156 Resp: 47248
Ion Ratio Lower Upper
156 100
77 218.1 115.1 345.3
158 97.8 48.9 146.8



#78
n-propylbenzene
Concen: 20.206 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion: 91 Resp: 217947
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4

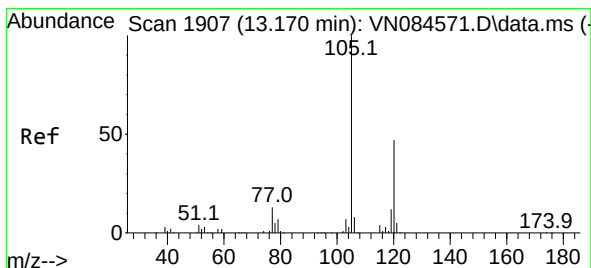
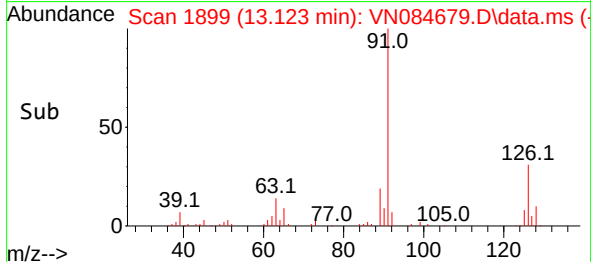
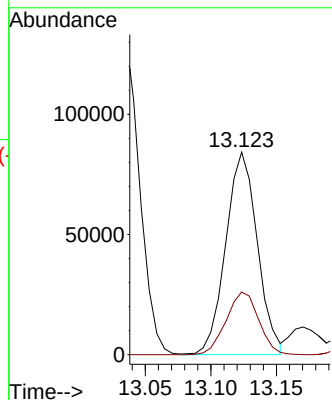
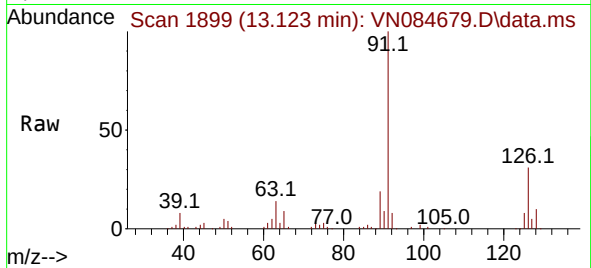




#79
2-Chlorotoluene
Concen: 20.065 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

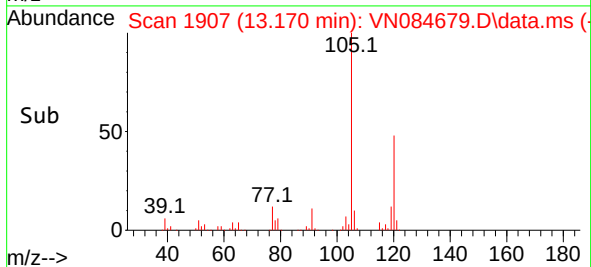
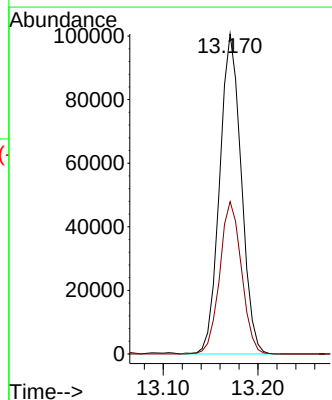
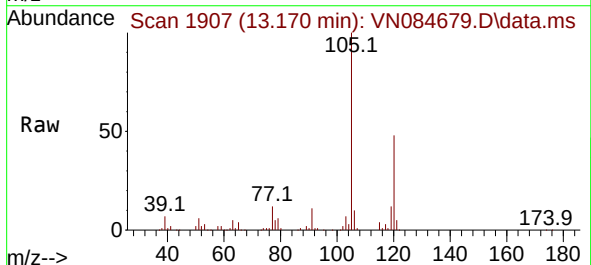
Instrument :
MSVOA_N
ClientSampleId :

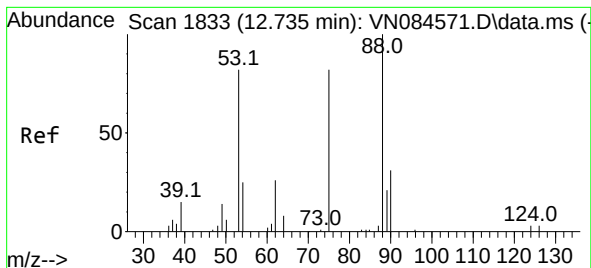
Tgt Ion: 91 Resp: 141415
Ion Ratio Lower Upper
91 100
126 31.8 15.7 47.1



#80
1,3,5-Trimethylbenzene
Concen: 20.906 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion:105 Resp: 159489
Ion Ratio Lower Upper
105 100
120 47.9 23.7 71.1

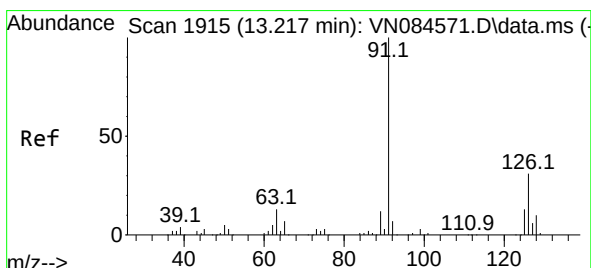
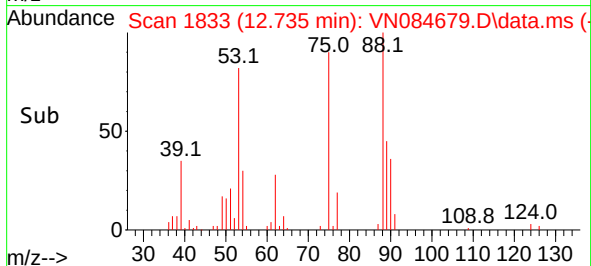
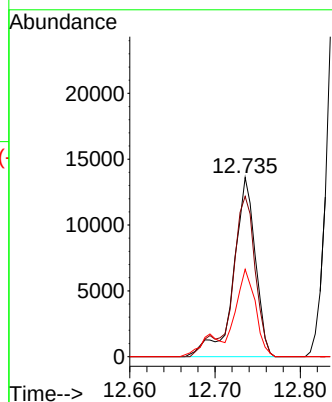
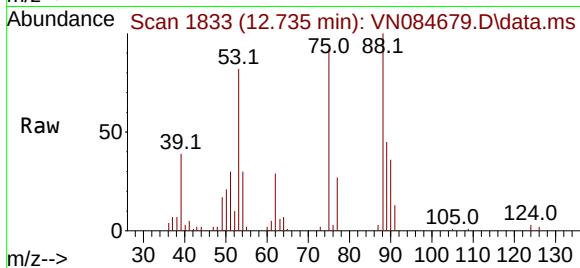




#81
trans-1,4-Dichloro-2-butene
Concen: 21.926 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

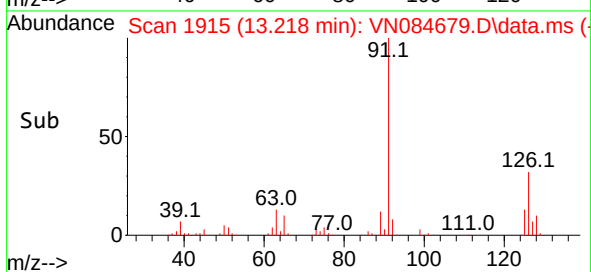
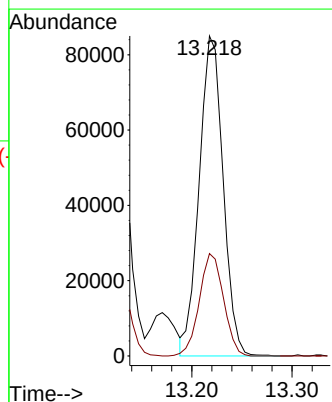
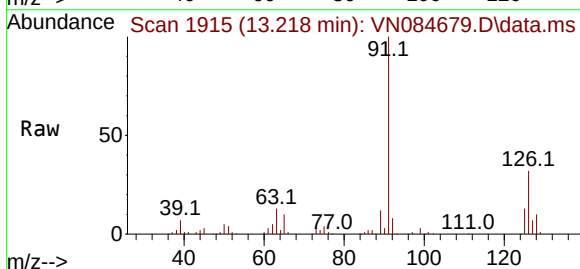
Instrument :
MSVOA_N
ClientSampleId :

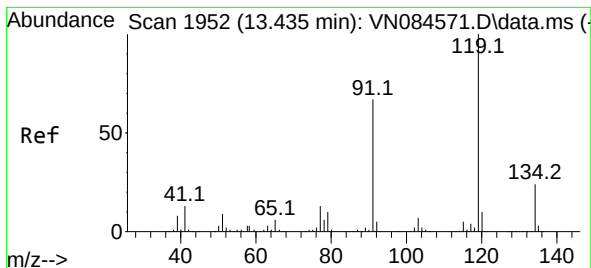
Tgt Ion: 75 Resp: 24266
Ion Ratio Lower Upper
75 100
53 87.3 78.0 117.0
89 43.2 35.5 53.3



#82
4-Chlorotoluene
Concen: 19.020 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion: 91 Resp: 141078
Ion Ratio Lower Upper
91 100
126 32.4 15.7 47.1





#83

tert-Butylbenzene

Concen: 20.423 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

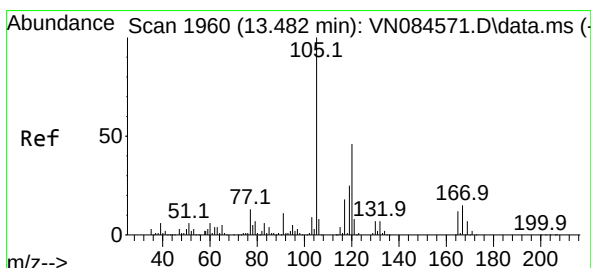
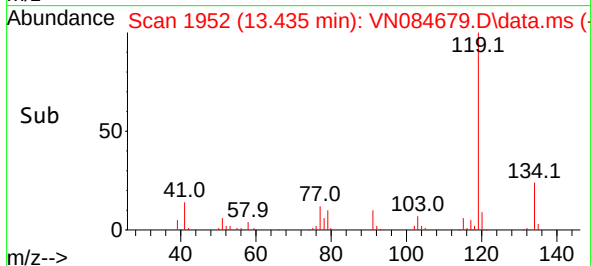
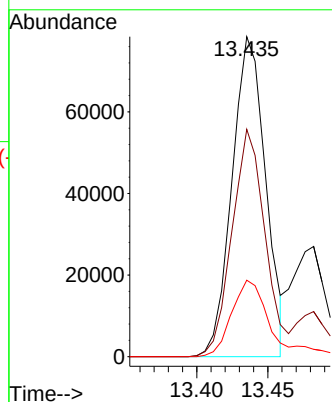
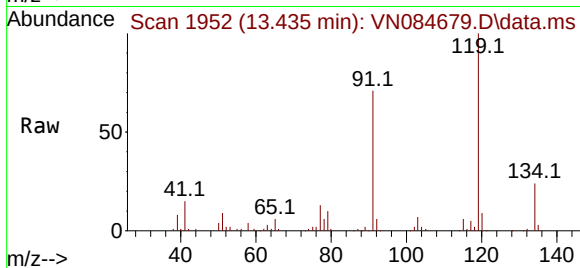
Tgt Ion:119 Resp: 128952

Ion Ratio Lower Upper

119 100

91 70.2 34.1 102.3

134 27.4 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 20.572 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084679.D

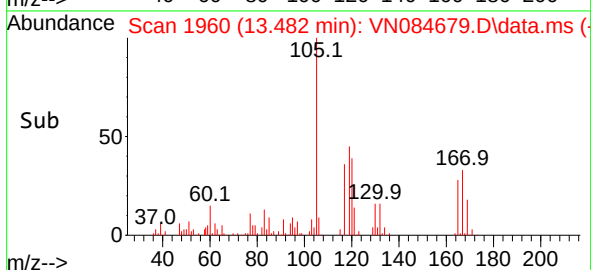
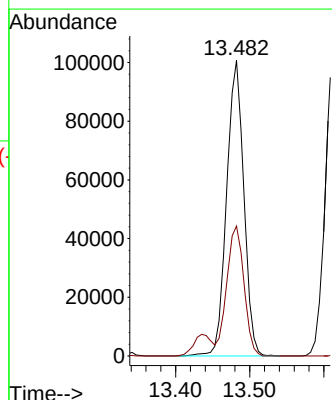
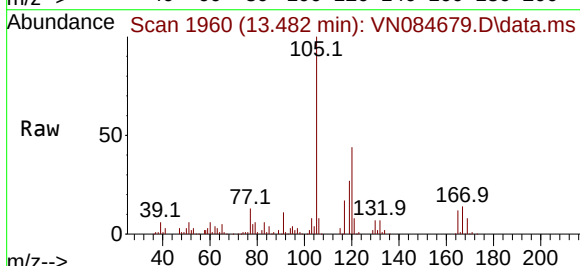
Acq: 05 Nov 2024 11:46

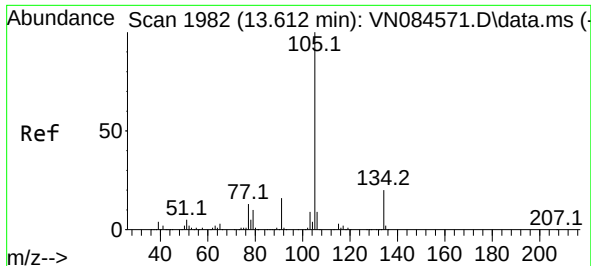
Tgt Ion:105 Resp: 161983

Ion Ratio Lower Upper

105 100

120 44.0 22.3 66.8

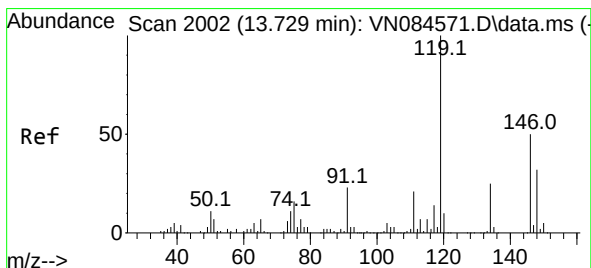
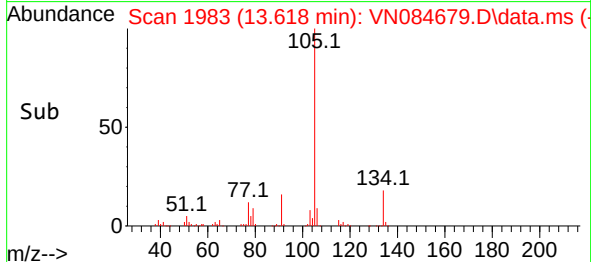
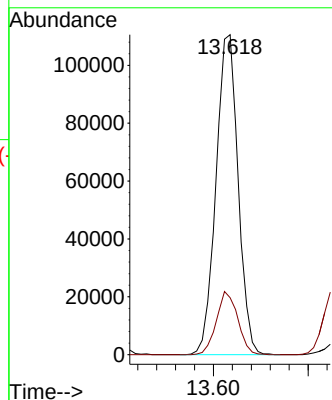
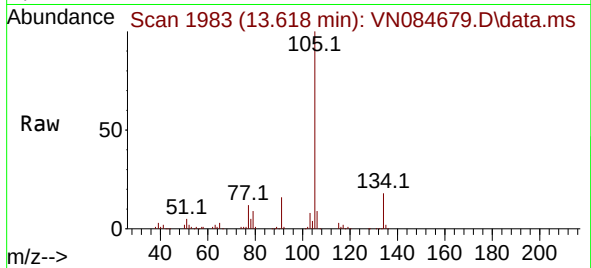




#85
sec-Butylbenzene
Concen: 20.111 ug/l
RT: 13.618 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

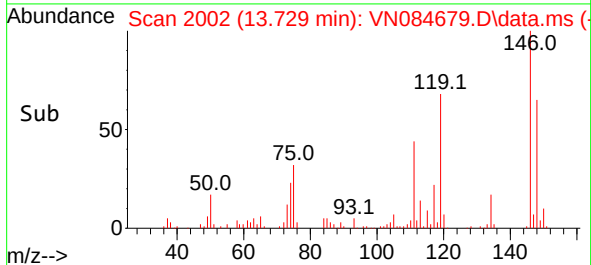
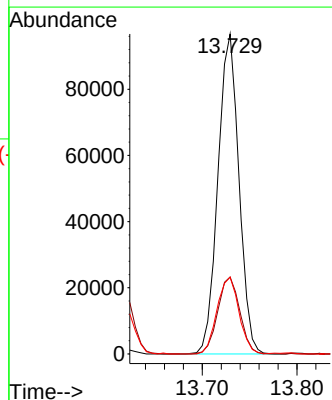
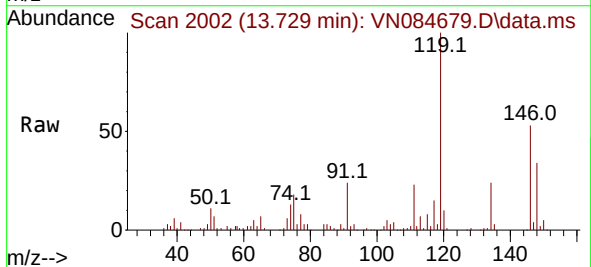
Instrument :
MSVOA_N
ClientSampleId :

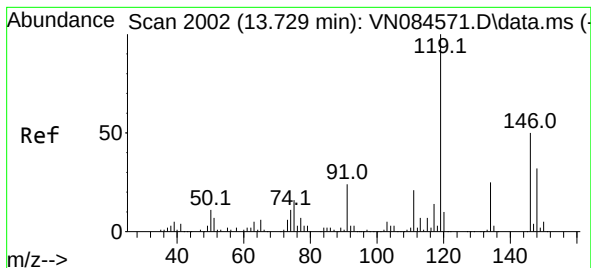
Tgt Ion:105 Resp: 179363
Ion Ratio Lower Upper
105 100
134 19.1 9.8 29.4



#86
p-Isopropyltoluene
Concen: 20.373 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion:119 Resp: 149021
Ion Ratio Lower Upper
119 100
134 25.2 12.6 37.8
91 25.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 17.690 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

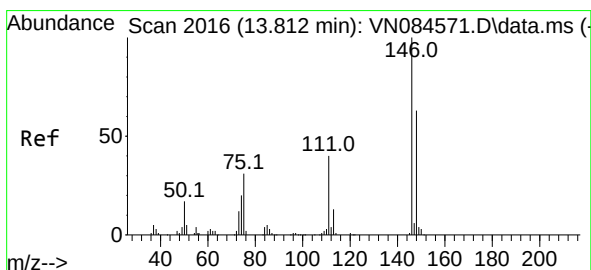
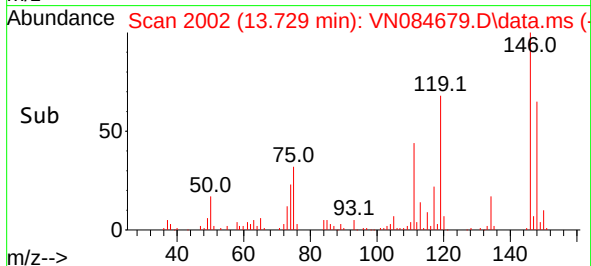
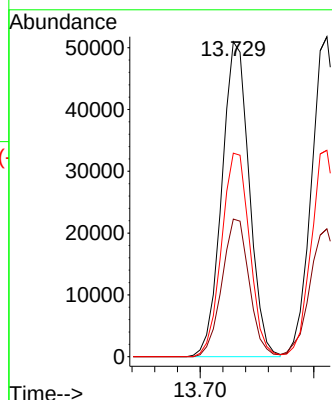
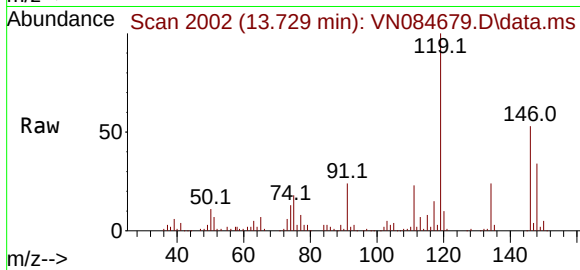
Tgt Ion:146 Resp: 85429

Ion Ratio Lower Upper

146 100

111 43.5 21.8 65.3

148 66.1 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 18.931 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

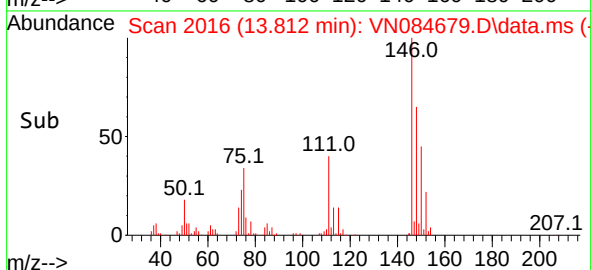
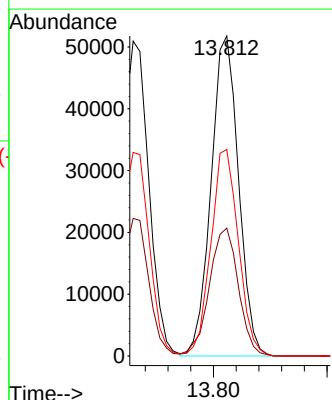
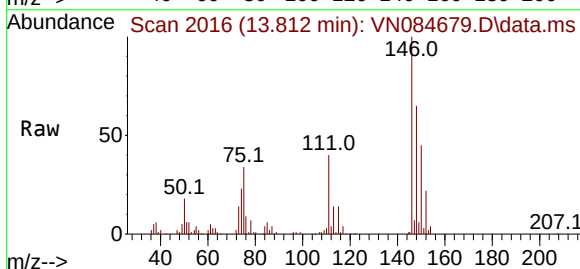
Tgt Ion:146 Resp: 86966

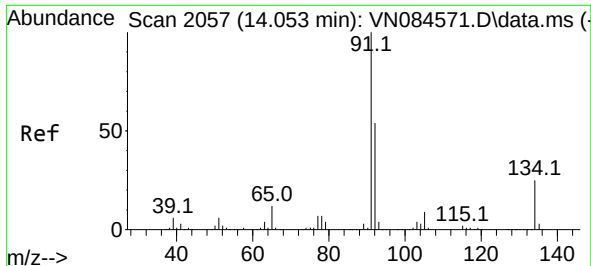
Ion Ratio Lower Upper

146 100

111 42.1 21.2 63.6

148 64.6 31.9 95.9





#89

n-Butylbenzene

Concen: 17.848 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

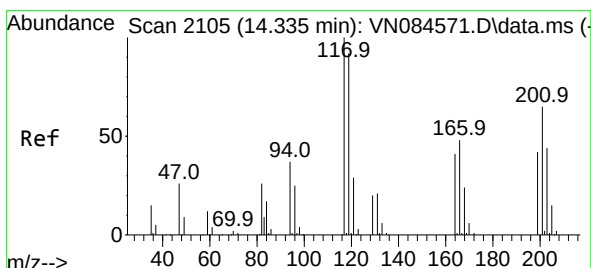
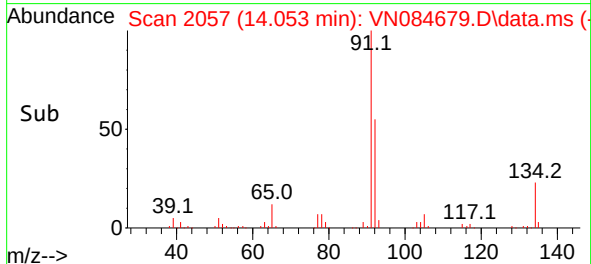
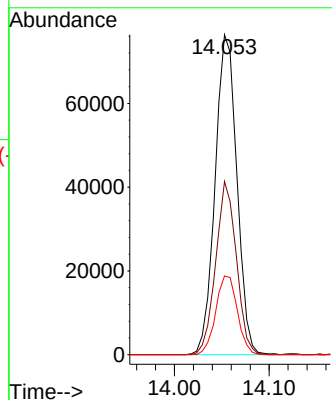
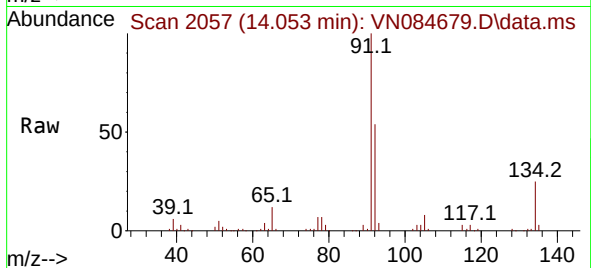
Tgt Ion: 91 Resp: 122122

Ion Ratio Lower Upper

91 100

92 51.4 26.6 79.7

134 24.5 12.3 36.9



#90

Hexachloroethane

Concen: 18.997 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN084679.D

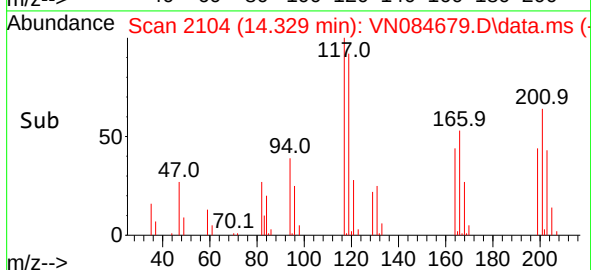
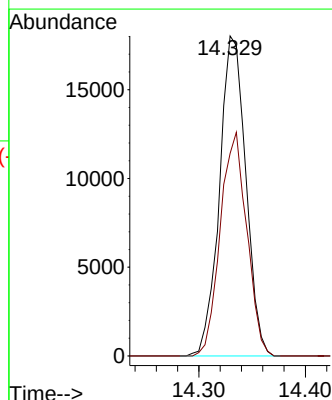
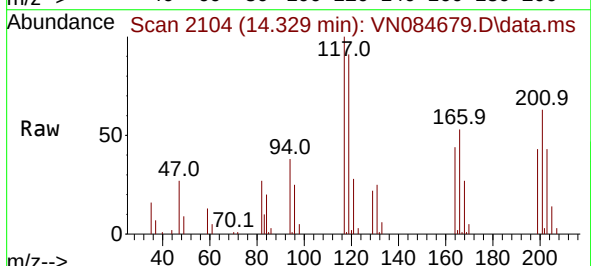
Acq: 05 Nov 2024 11:46

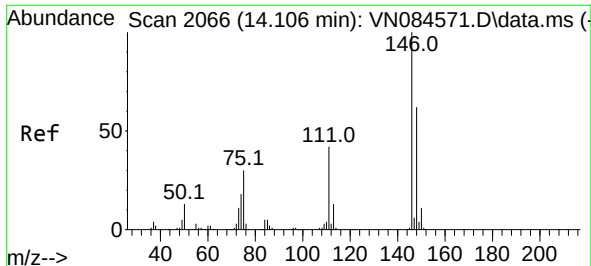
Tgt Ion: 117 Resp: 30988

Ion Ratio Lower Upper

117 100

201 70.3 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 19.247 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084679.D

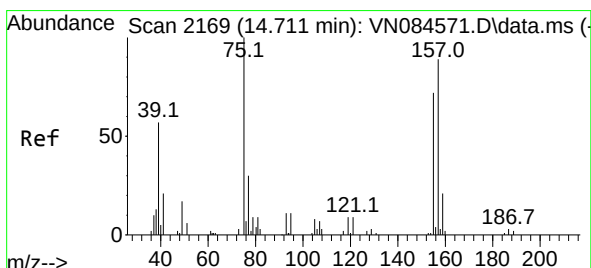
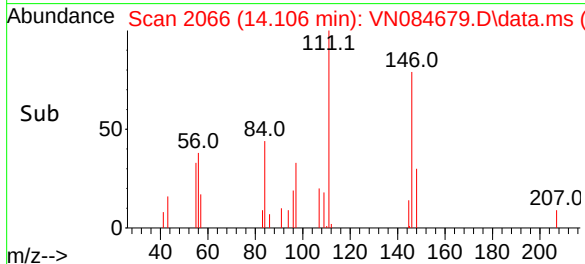
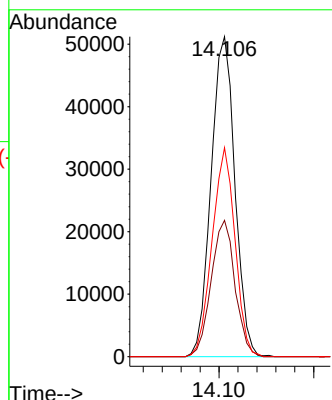
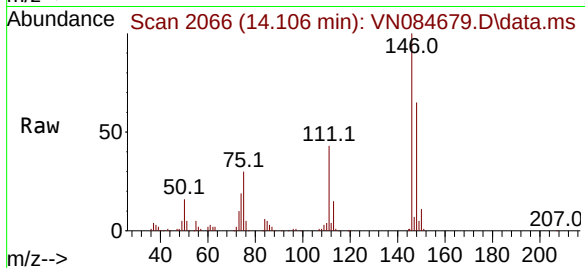
Acq: 05 Nov 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	146	Resp:	89317
Ion Ratio	Lower	Upper	
146	100		
111	42.7	22.0	66.0
148	62.9	32.1	96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.881 ug/l

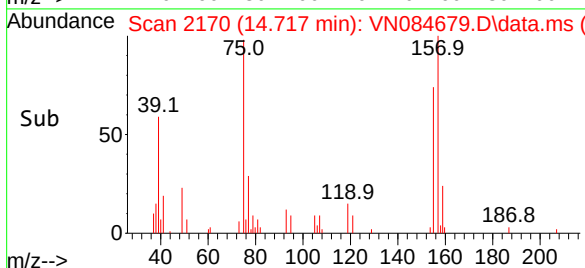
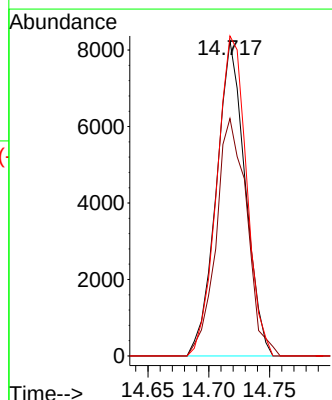
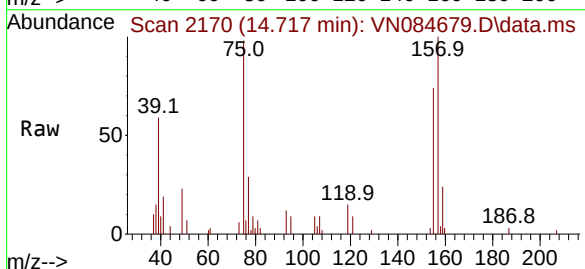
RT: 14.717 min Scan# 2170

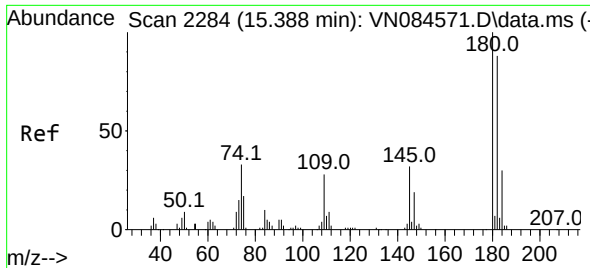
Delta R.T. 0.000 min

Lab File: VN084679.D

Acq: 05 Nov 2024 11:46

Tgt Ion:	75	Resp:	13619
Ion Ratio	Lower	Upper	
75	100		
155	79.9	38.1	114.5
157	104.1	49.6	149.0

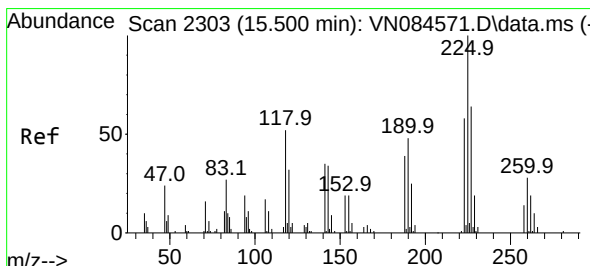
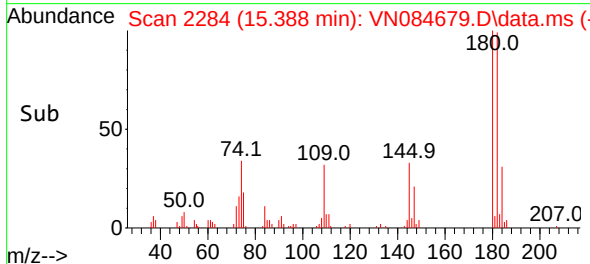
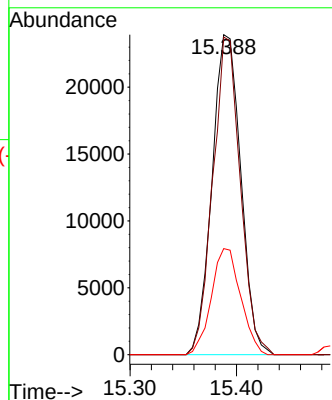
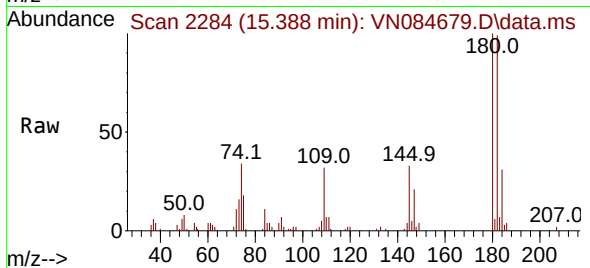




#93
 1,2,4-Trichlorobenzene
 Concen: 17.635 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN084679.D
 Acq: 05 Nov 2024 11:46

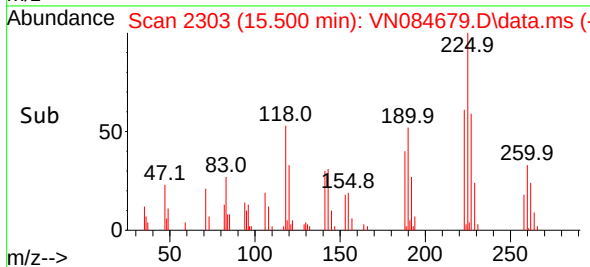
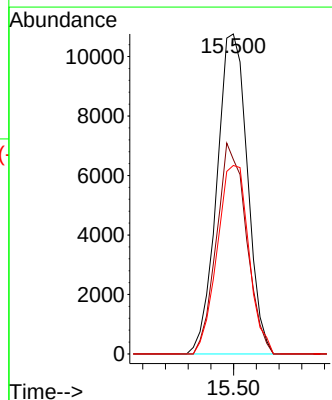
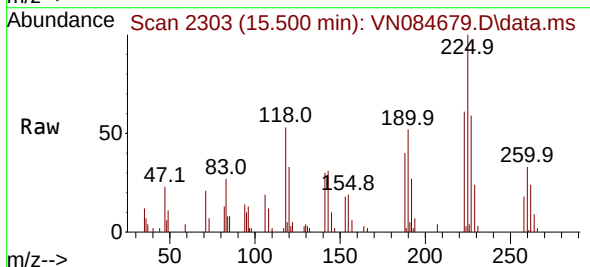
Instrument :
 MSVOA_N
 ClientSampleId :

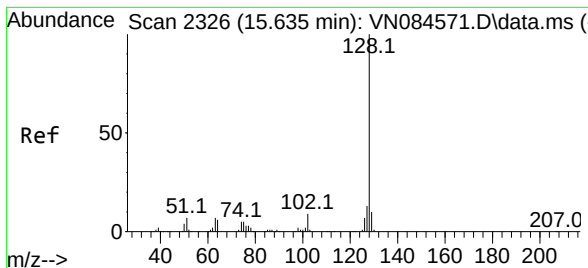
Tgt Ion:180 Resp: 44793
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.0 141.0
 145 33.8 16.4 49.4



#94
 Hexachlorobutadiene
 Concen: 18.020 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN084679.D
 Acq: 05 Nov 2024 11:46

Tgt Ion:225 Resp: 20100
 Ion Ratio Lower Upper
 225 100
 223 64.3 32.4 97.2
 227 61.0 32.4 97.0

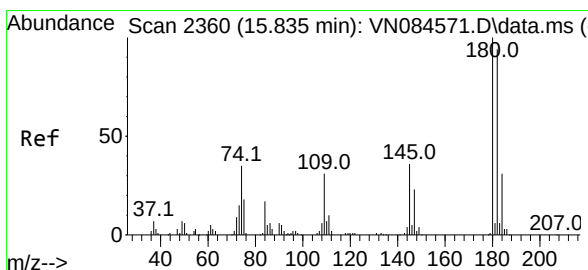
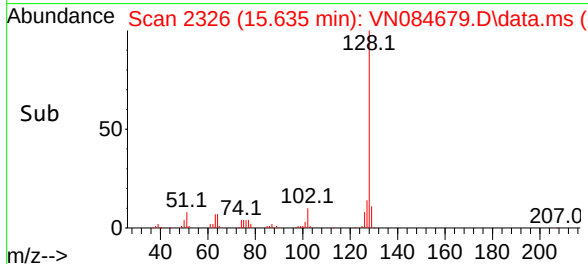
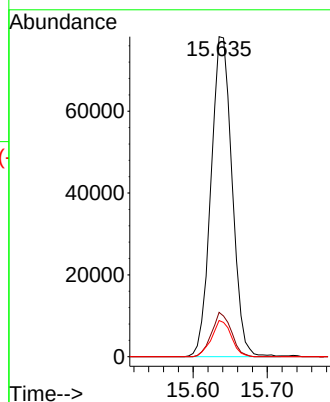
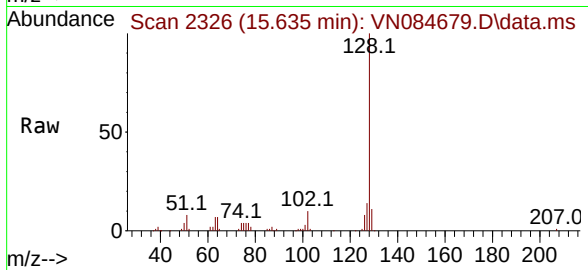




#95
Naphthalene
Concen: 20.336 ug/l
RT: 15.635 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 154604
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.273 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN084679.D
Acq: 05 Nov 2024 11:46

Tgt Ion:180 Resp: 45055
Ion Ratio Lower Upper
180 100
182 92.2 48.2 144.6
145 34.4 17.3 51.9

