

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN084995.D
 Acq On : 21 Nov 2024 15:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 22 04:33:46 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	8.218	168	156906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	105661	46.624	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.240%		
35) Dibromofluoromethane	8.159	113	86801	48.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.920%		
50) Toluene-d8	10.565	98	302180	46.269	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.540%		
62) 4-Bromofluorobenzene	12.847	95	115754	47.424	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.840%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.118	85	87167	48.325	ug/l	95
3) Chloromethane	2.359	50	92867	43.552	ug/l	99
4) Vinyl Chloride	2.512	62	91709	47.272	ug/l	99
5) Bromomethane	2.901	94	49834	48.482	ug/l	89
6) Chloroethane	3.071	64	60820	50.664	ug/l	96
7) Trichlorofluoromethane	3.465	101	168977	52.875	ug/l	99
8) Diethyl Ether	3.953	74	63268	56.121	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.353	101	98976	54.810	ug/l	97
10) Methyl Iodide	4.571	142	121173	50.207	ug/l	97
11) Tert butyl alcohol	5.536	59	98527	329.368	ug/l	99
12) 1,1-Dichloroethene	4.324	96	90050	50.396	ug/l	97
13) Acrolein	4.171	56	74528	249.848	ug/l	98
14) Allyl chloride	5.006	41	157248	54.265	ug/l	94
15) Acrylonitrile	5.712	53	263825	304.650	ug/l	98
16) Acetone	4.424	43	219423	336.167	ug/l	95
17) Carbon Disulfide	4.700	76	213315	38.766	ug/l	98
18) Methyl Acetate	5.018	43	142708	60.517	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	339035	61.904	ug/l	99
20) Methylene Chloride	5.259	84	104110	52.232	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	92501	50.416	ug/l	99
22) Diisopropyl ether	6.665	45	334631	58.116	ug/l	97
23) Vinyl Acetate	6.594	43	1214796	305.936	ug/l	98
24) 1,1-Dichloroethane	6.559	63	191773	55.475	ug/l	99
25) 2-Butanone	7.483	43	351346	332.311	ug/l	99
26) 2,2-Dichloropropane	7.483	77	180983	60.151	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	118935	55.516	ug/l	96
28) Bromochloromethane	7.806	49	70329	51.064	ug/l	96
29) Tetrahydrofuran	7.836	42	213586	304.507	ug/l	93
30) Chloroform	7.959	83	203260	57.768	ug/l	100
31) Cyclohexane	8.247	56	145217	46.413	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	183648	57.345	ug/l	97
36) 1,1-Dichloropropene	8.365	75	130775	53.185	ug/l	99
37) Ethyl Acetate	7.553	43	135473	60.726	ug/l	97
38) Carbon Tetrachloride	8.359	117	158823	57.788	ug/l	99
39) Methylcyclohexane	9.600	83	140064	55.993	ug/l	97
40) Benzene	8.600	78	423803	53.670	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	76600	63.850	ug/l	97
42) 1,2-Dichloroethane	8.671	62	146254	57.190	ug/l	100
43) Isopropyl Acetate	8.688	43	251654	61.278	ug/l	100
44) Trichloroethene	9.347	130	98149	53.895	ug/l	98
45) 1,2-Dichloropropane	9.618	63	106402	57.441	ug/l	100
46) Dibromomethane	9.706	93	75150	57.494	ug/l	99
47) Bromodichloromethane	9.882	83	159911	58.038	ug/l	99
48) Methyl methacrylate	9.677	41	111176	64.032	ug/l	98
49) 1,4-Dioxane	9.694	88	40244	1308.007	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	701880	330.030	ug/l	99
52) Toluene	10.629	92	262809	56.906	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	163935	57.480	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	175243	58.056	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	100467	57.751	ug/l	97
56) Ethyl methacrylate	10.871	69	168548	66.982	ug/l	97
57) 1,3-Dichloropropane	11.159	76	173149	57.994	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	317173	269.367	ug/l	97
59) 2-Hexanone	11.194	43	534881	345.529	ug/l	98
60) Dibromochloromethane	11.359	129	122055	61.561	ug/l	100
61) 1,2-Dibromoethane	11.465	107	103573	58.139	ug/l	100
64) Tetrachloroethene	11.100	164	83217	54.178	ug/l	97
65) Chlorobenzene	11.888	112	285830	55.329	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	107853	60.021	ug/l	97
67) Ethyl Benzene	11.965	91	503551	58.395	ug/l	99
68) m/p-Xylenes	12.071	106	382074	117.034	ug/l	100
69) o-Xylene	12.394	106	186229	60.979	ug/l	99
70) Styrene	12.412	104	324567	60.923	ug/l	99
71) Bromoform	12.576	173	82242	60.825	ug/l #	96
73) Isopropylbenzene	12.694	105	484232	58.872	ug/l	100
74) N-amyl acetate	12.494	43	213172	60.892	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	153851	56.038	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	196642	83.812	ug/l	58
77) Bromobenzene	12.982	156	116508	52.690	ug/l	96
78) n-propylbenzene	13.035	91	557690	57.860	ug/l	98
79) 2-Chlorotoluene	13.123	91	352474	55.967	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	410507	60.216	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	54024	54.627	ug/l	96
82) 4-Chlorotoluene	13.218	91	357810	53.985	ug/l	99
83) tert-Butylbenzene	13.435	119	357726	63.404	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	424415	60.320	ug/l	97
85) sec-Butylbenzene	13.612	105	475373	59.647	ug/l	99
86) p-Isopropyltoluene	13.729	119	406059	62.125	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	220876	51.184	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	223550	56.735	ug/l	98
89) n-Butylbenzene	14.053	91	350931	57.397	ug/l	100
90) Hexachloroethane	14.335	117	77311	53.039	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	221803	53.489	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31660	56.923	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	121241	53.417	ug/l	99
94) Hexachlorobutadiene	15.500	225	55078	55.259	ug/l	97
95) Naphthalene	15.641	128	386679	56.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	116984	53.096	ug/l	99

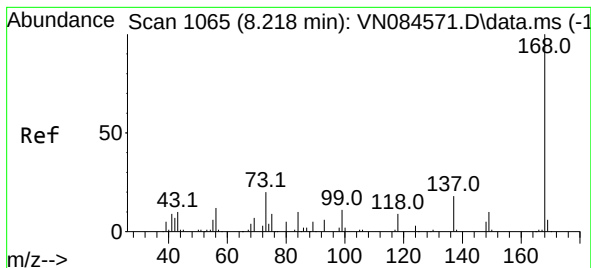
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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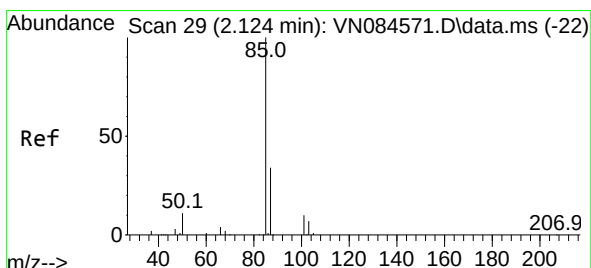
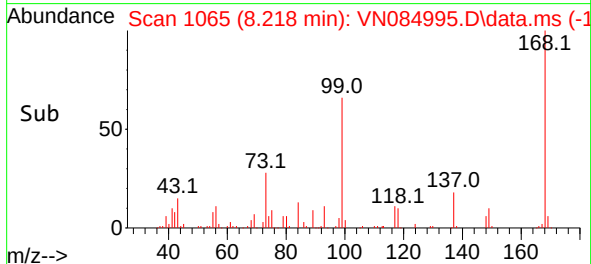
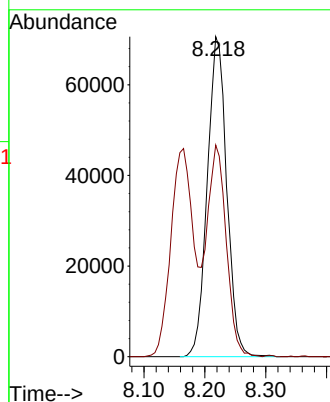
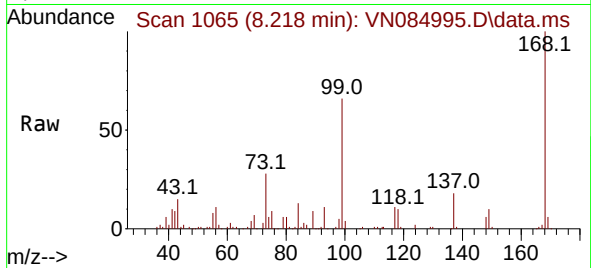
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

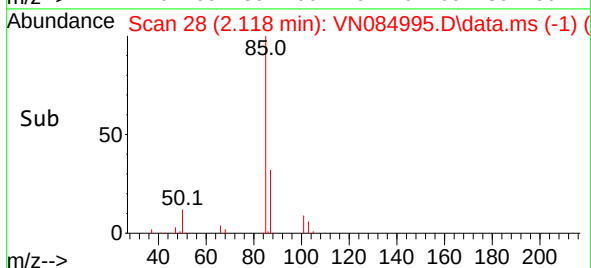
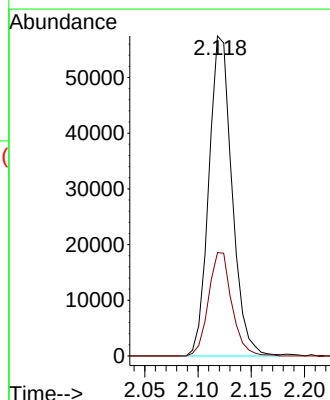
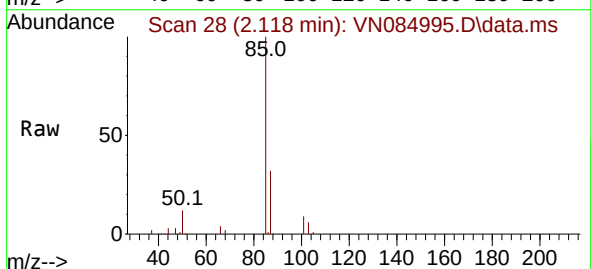
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MSVOA_N
ClientSampleId :

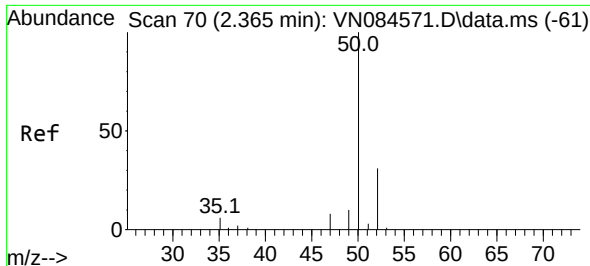
Tgt Ion:168 Resp: 156906
Ion Ratio Lower Upper
168 100
99 66.2 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 48.325 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 85 Resp: 87167
Ion Ratio Lower Upper
85 100
87 32.3 17.6 52.9

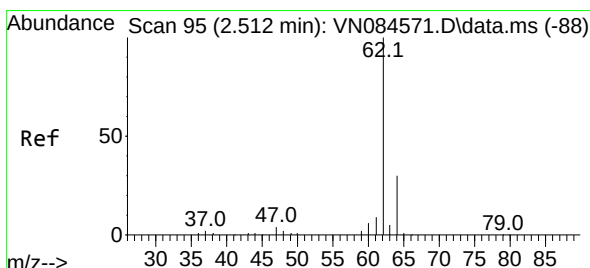
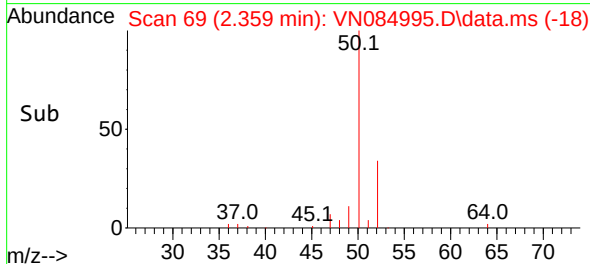
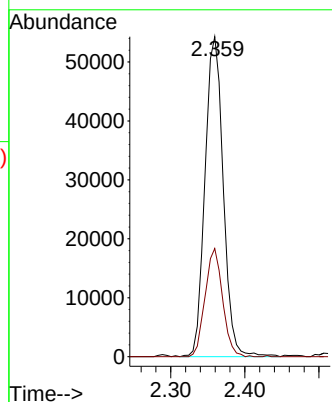
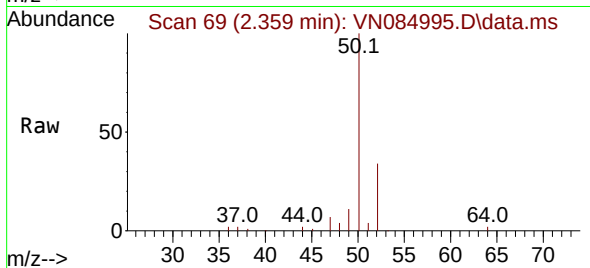




#3
Chloromethane
Concen: 43.552 ug/l
RT: 2.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

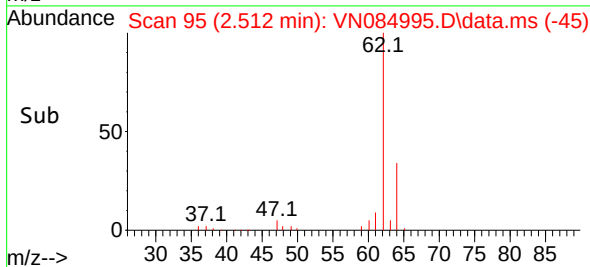
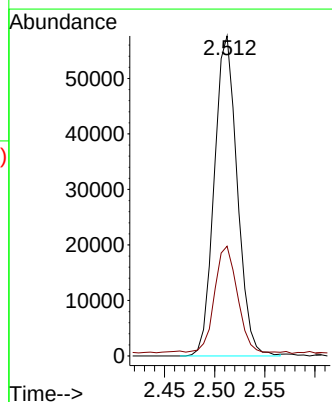
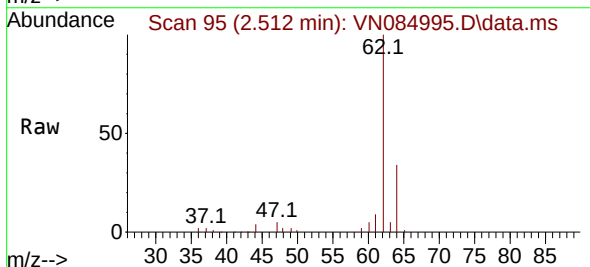
Instrument :
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ClientSampleId :

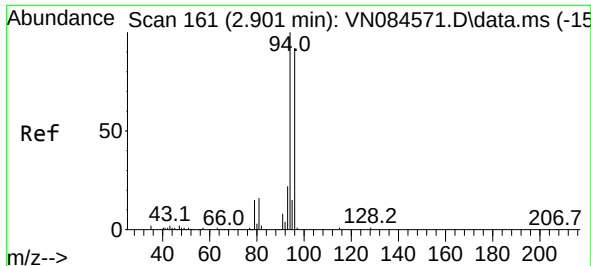
Tgt Ion: 50 Resp: 92867
Ion Ratio Lower Upper
50 100
52 33.8 26.8 40.2



#4
Vinyl Chloride
Concen: 47.272 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 62 Resp: 91709
Ion Ratio Lower Upper
62 100
64 33.2 26.2 39.4

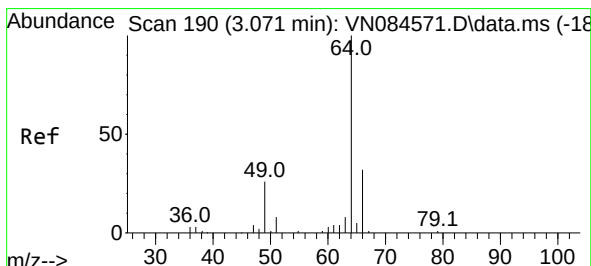
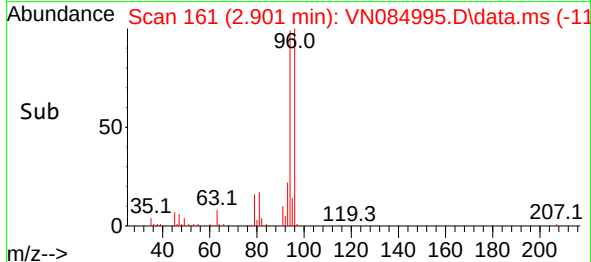
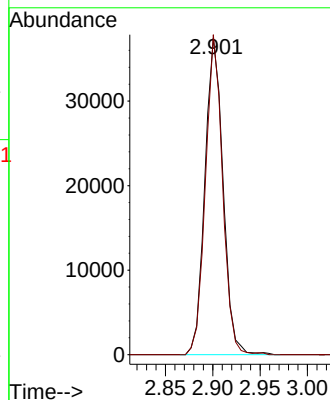
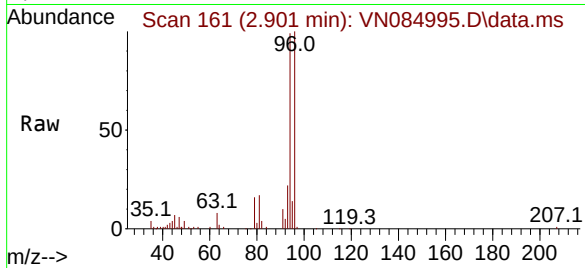




#5
Bromomethane
Concen: 48.482 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.052 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

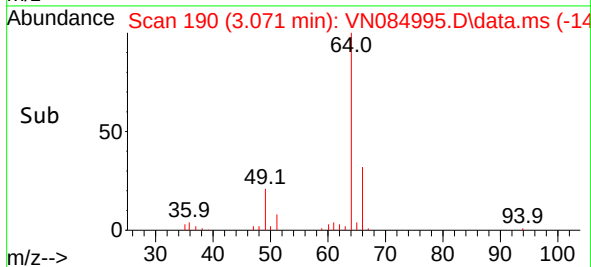
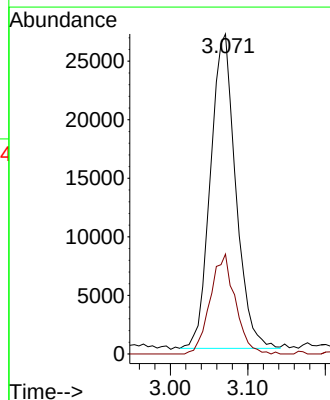
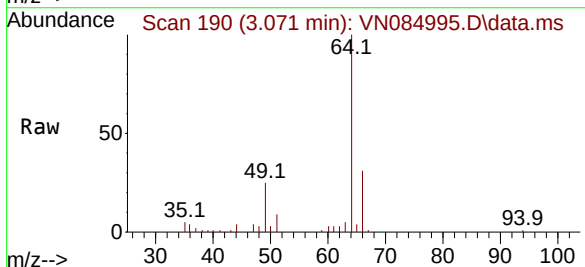
Instrument :
MSVOA_N
ClientSampleId :

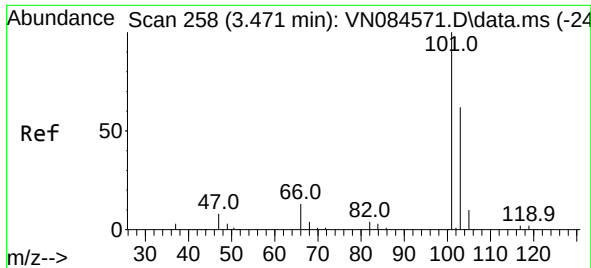
Tgt Ion: 94 Resp: 49834
Ion Ratio Lower Upper
94 100
96 101.1 72.9 109.3



#6
Chloroethane
Concen: 50.664 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.047 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 64 Resp: 60820
Ion Ratio Lower Upper
64 100
66 31.8 23.5 35.3

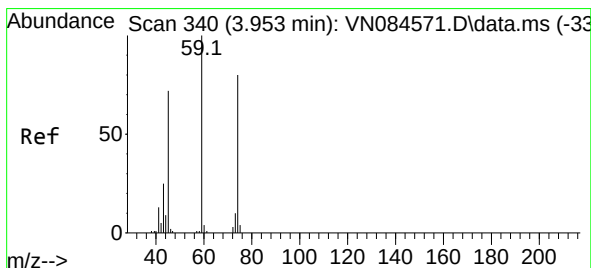
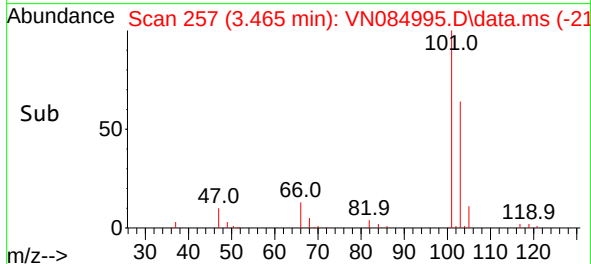
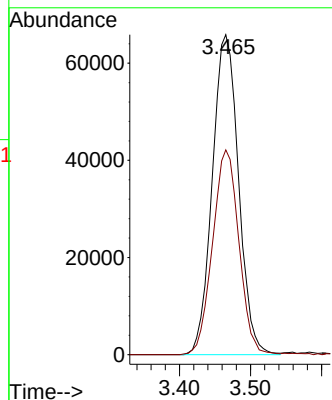
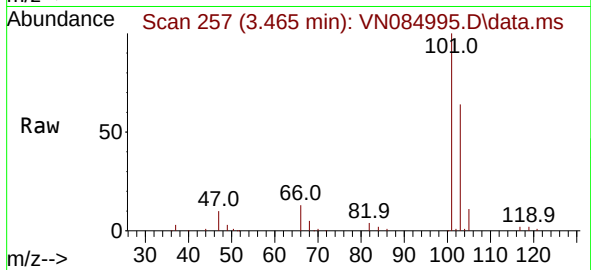




#7
Trichlorofluoromethane
Concen: 52.875 ug/l
RT: 3.465 min Scan# 210
Delta R.T. -0.030 min
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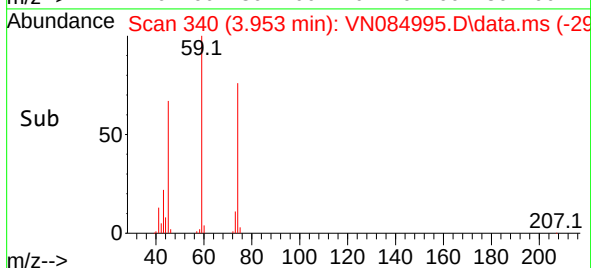
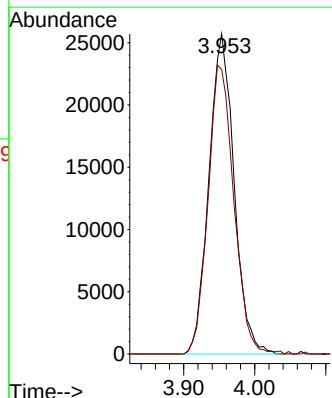
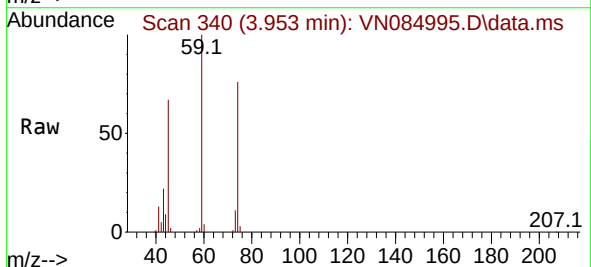
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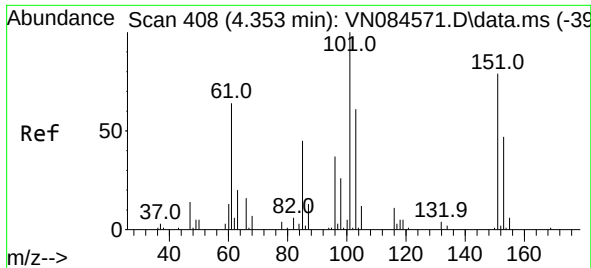
Tgt Ion:101 Resp: 168977
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.6



#8
Diethyl Ether
Concen: 56.121 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 74 Resp: 63268
Ion Ratio Lower Upper
74 100
45 92.6 47.7 143.1

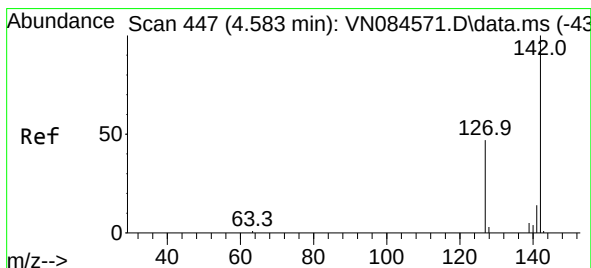
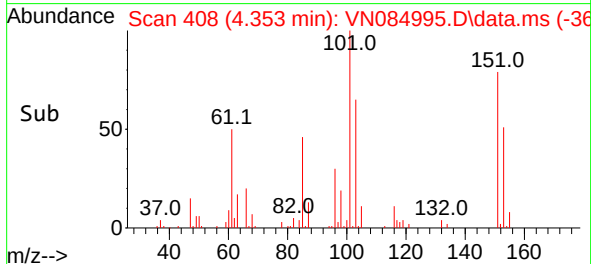
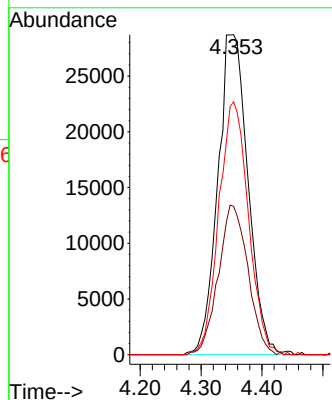
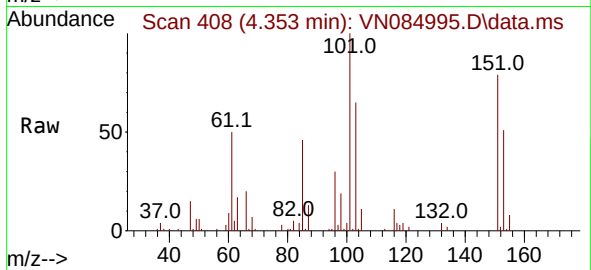




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.810 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.018 min
Lab File: VN084995.D
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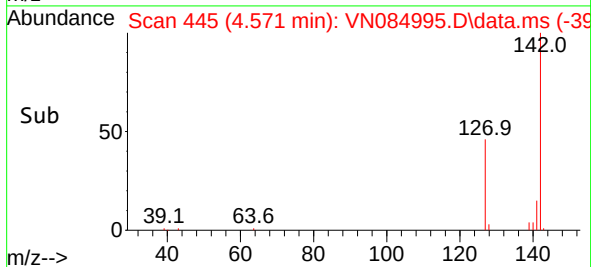
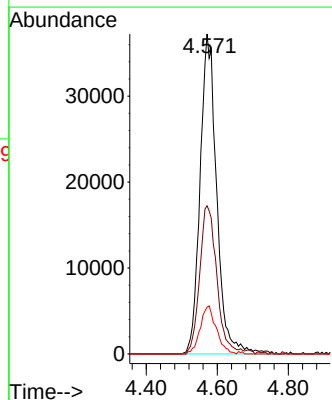
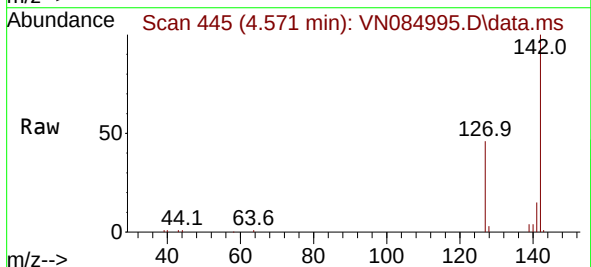
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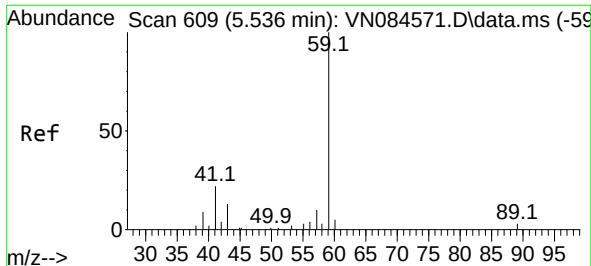
Tgt Ion:101 Resp: 98976
Ion Ratio Lower Upper
101 100
85 45.9 36.2 54.4
151 77.4 59.3 88.9



#10
Methyl Iodide
Concen: 50.207 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.024 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion:142 Resp: 121173
Ion Ratio Lower Upper
142 100
127 46.3 35.3 52.9
141 14.7 11.0 16.6

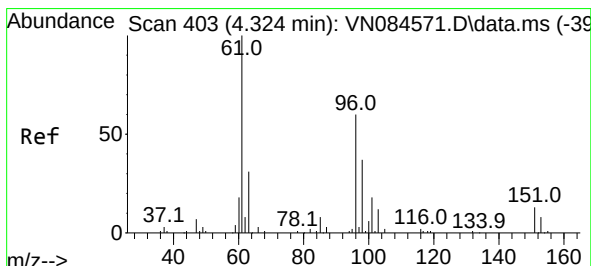
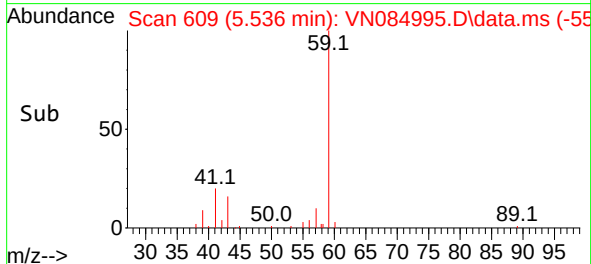
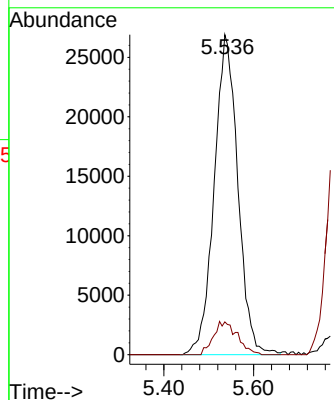
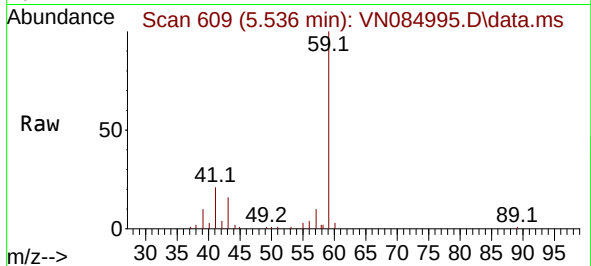




#11
Tert butyl alcohol
Concen: 329.368 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

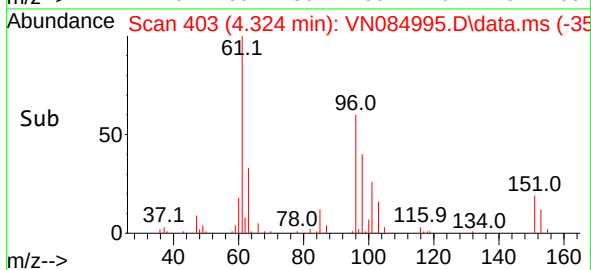
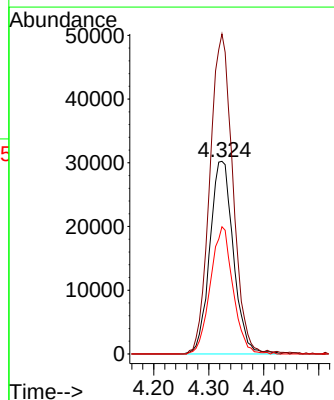
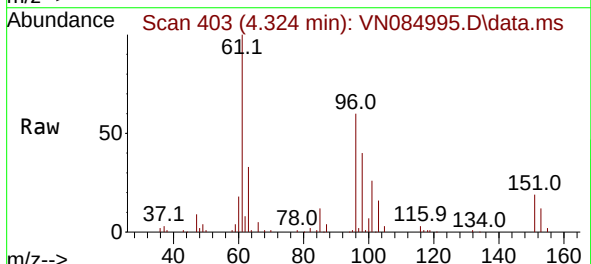
Instrument :
MSVOA_N
ClientSampleId :

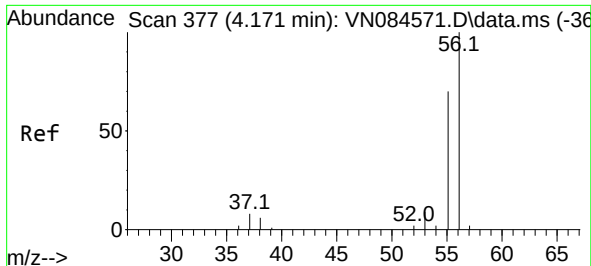
Tgt Ion: 59 Resp: 98527
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 50.396 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 96 Resp: 90050
Ion Ratio Lower Upper
96 100
61 166.1 128.6 192.8
98 66.0 51.7 77.5

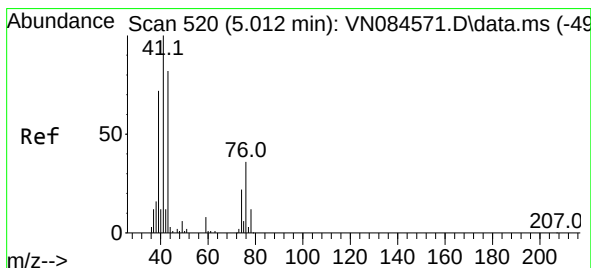
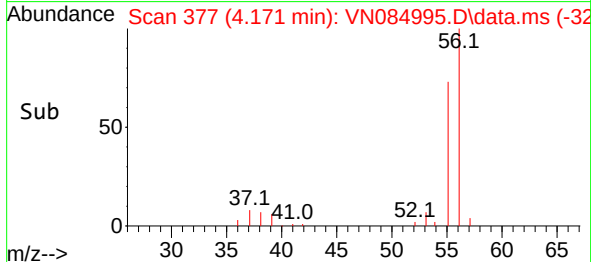
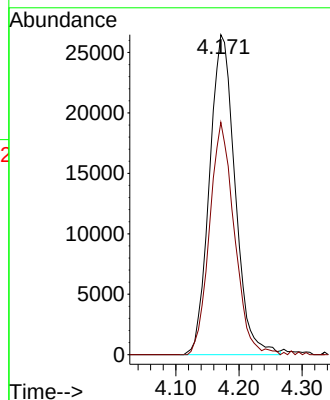
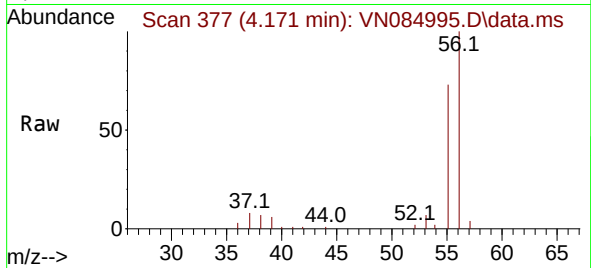




#13
Acrolein
Concen: 249.848 ug/l
RT: 4.171 min Scan# 311
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

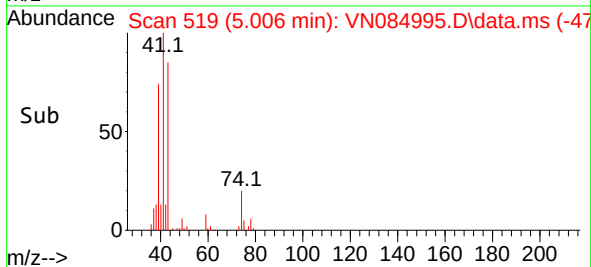
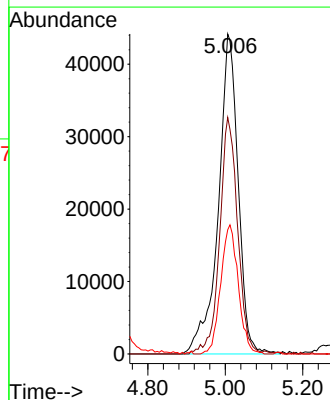
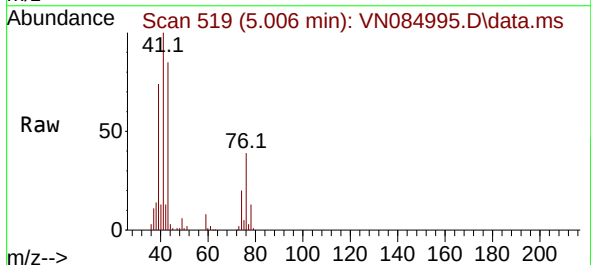
Instrument :
MSVOA_N
ClientSampleId :

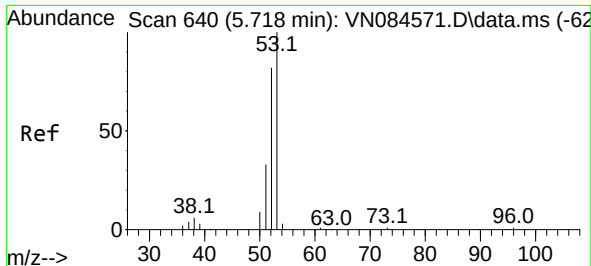
Tgt Ion: 56 Resp: 74528
Ion Ratio Lower Upper
56 100
55 70.3 57.2 85.8



#14
Allyl chloride
Concen: 54.265 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.018 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 41 Resp: 157248
Ion Ratio Lower Upper
41 100
39 66.8 59.0 88.6
76 35.8 29.8 44.6

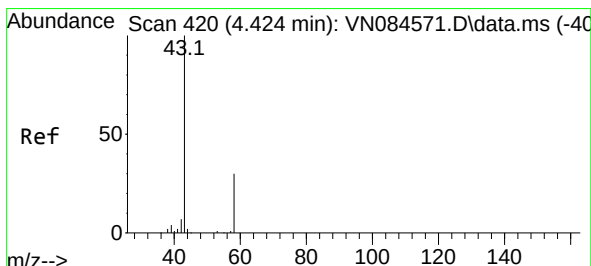
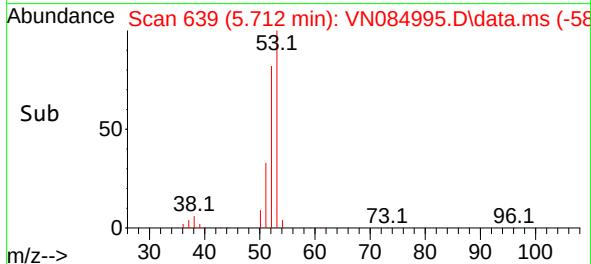
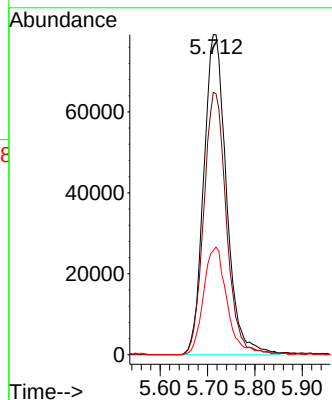
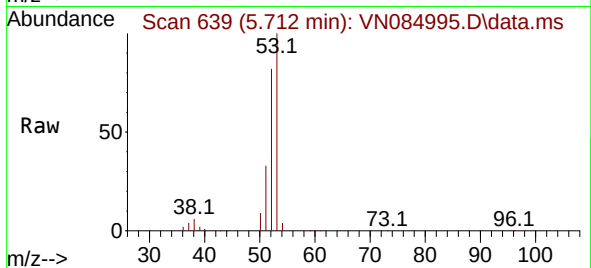




#15
Acrylonitrile
Concen: 304.650 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

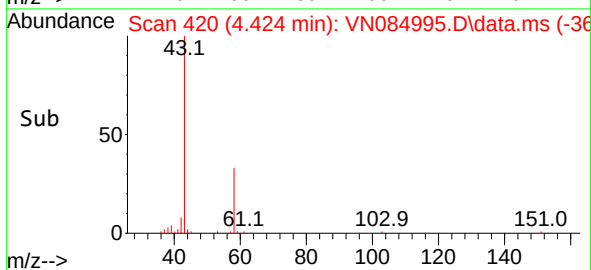
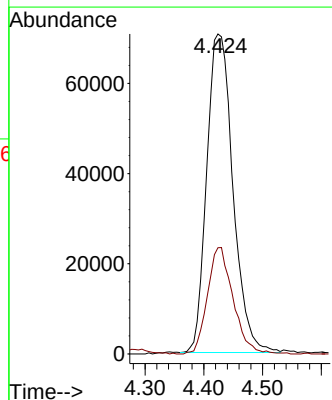
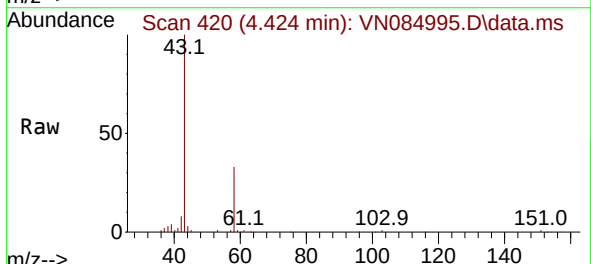
Instrument :
MSVOA_N
ClientSampleId :

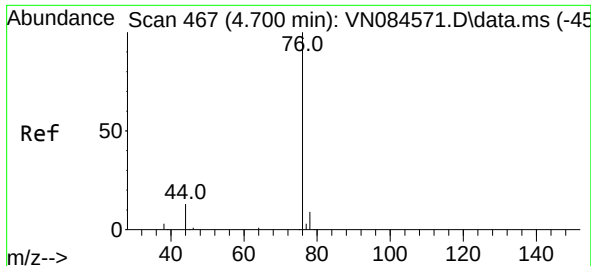
Tgt Ion: 53 Resp: 263825
Ion Ratio Lower Upper
53 100
52 81.4 66.2 99.4
51 35.0 28.8 43.2



#16
Acetone
Concen: 336.167 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 43 Resp: 219423
Ion Ratio Lower Upper
43 100
58 33.3 24.4 36.6

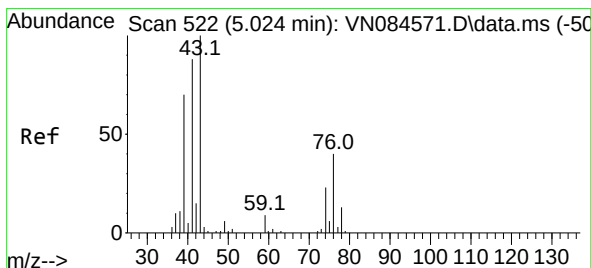
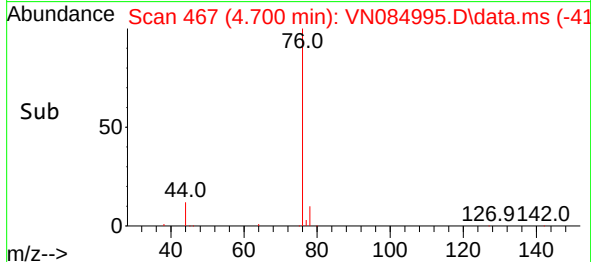
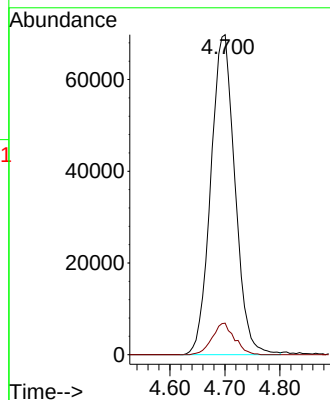
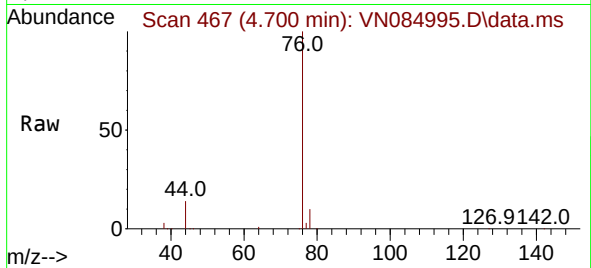




#17
Carbon Disulfide
Concen: 38.766 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

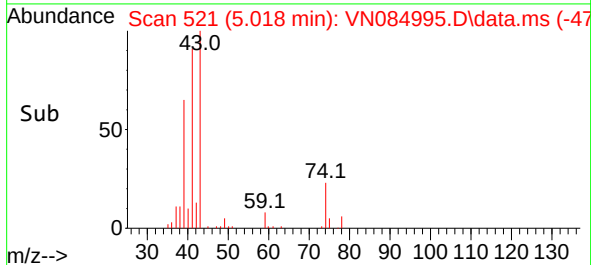
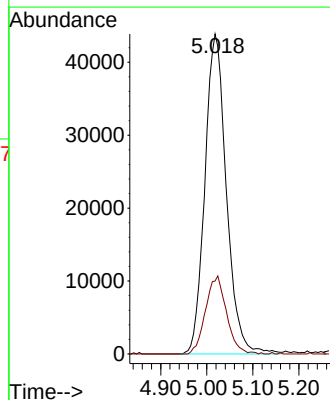
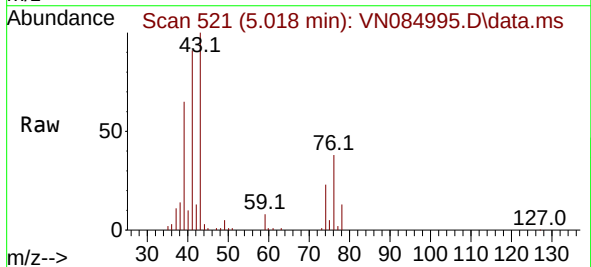
Instrument :
MSVOA_N
ClientSampleId :

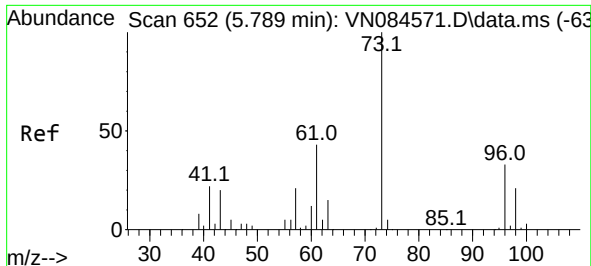
Tgt Ion: 76 Resp: 213315
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#18
Methyl Acetate
Concen: 60.517 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 43 Resp: 142708
Ion Ratio Lower Upper
43 100
74 23.7 19.2 28.8

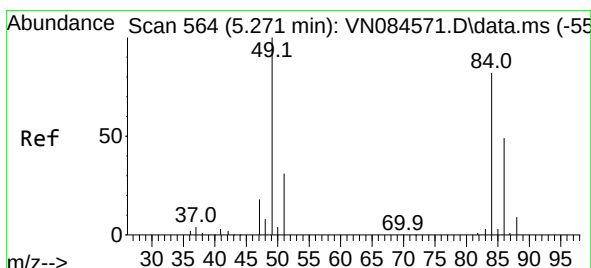
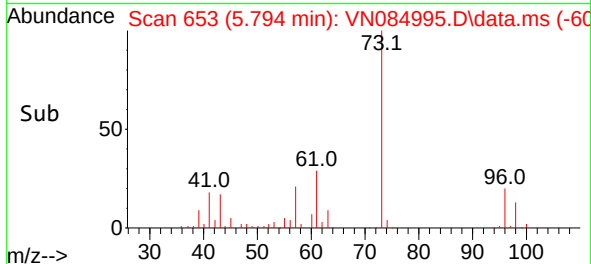
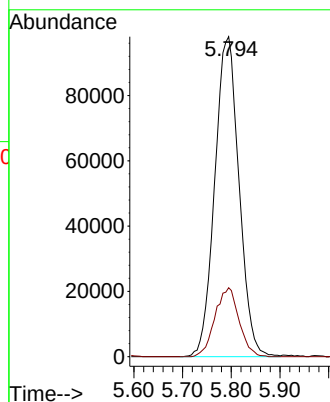
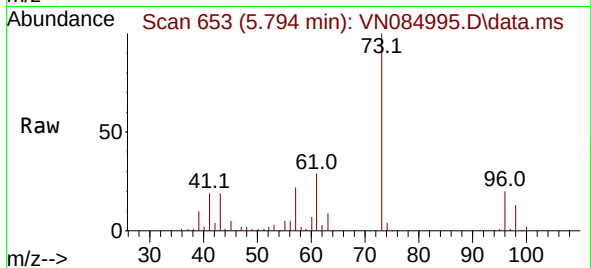




#19
Methyl tert-butyl Ether
Concen: 61.904 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

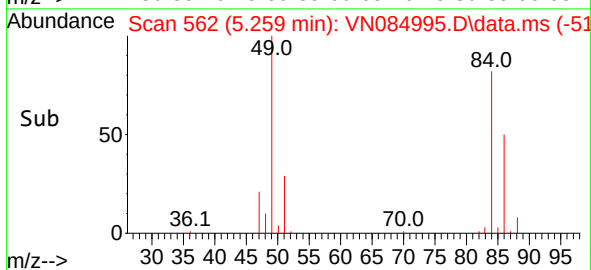
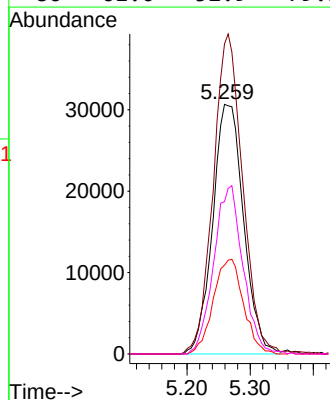
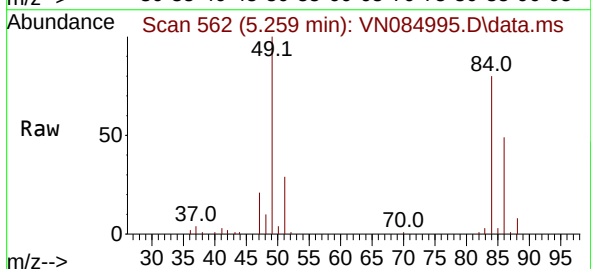
Instrument :
MSVOA_N
ClientSampleId :

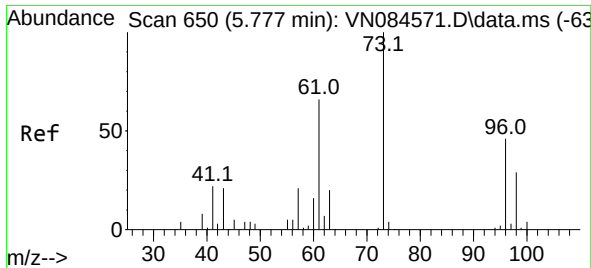
Tgt Ion: 73 Resp: 339035
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5



#20
Methylene Chloride
Concen: 52.232 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.018 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 84 Resp: 104110
Ion Ratio Lower Upper
84 100
49 124.3 107.2 160.8
51 35.5 31.8 47.8
86 61.0 52.9 79.3

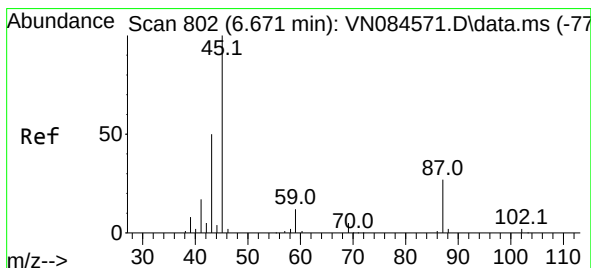
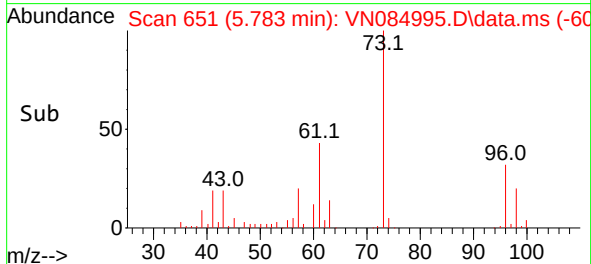
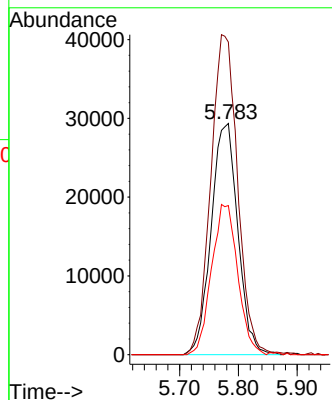
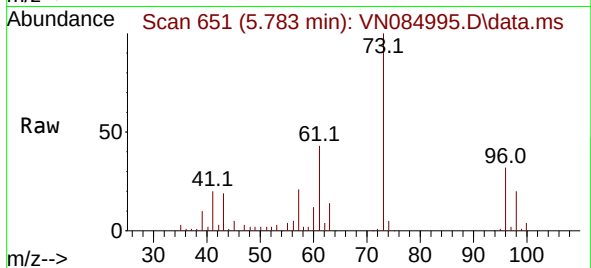




#21
trans-1,2-Dichloroethene
Concen: 50.416 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

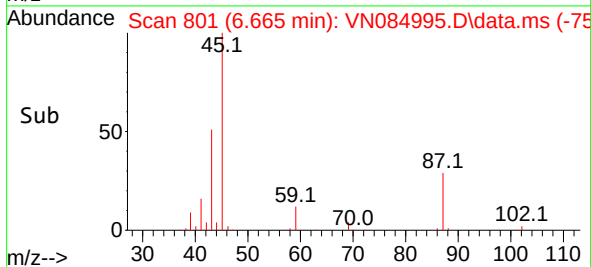
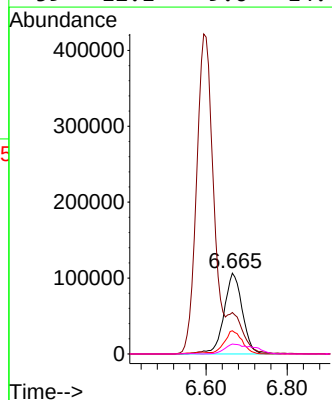
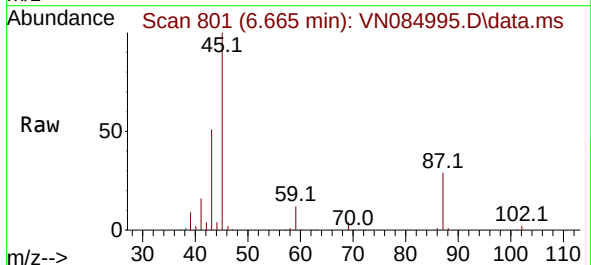
Instrument :
MSVOA_N
ClientSampleId :

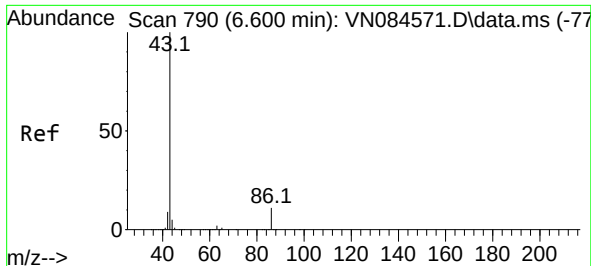
Tgt Ion: 96 Resp: 92501
Ion Ratio Lower Upper
96 100
61 135.3 108.4 162.6
98 64.5 49.8 74.8



#22
Diisopropyl ether
Concen: 58.116 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 45 Resp: 334631
Ion Ratio Lower Upper
45 100
43 50.4 42.3 63.5
87 28.7 21.8 32.6
59 12.1 9.6 14.4

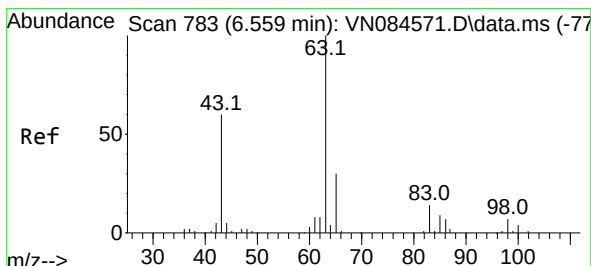
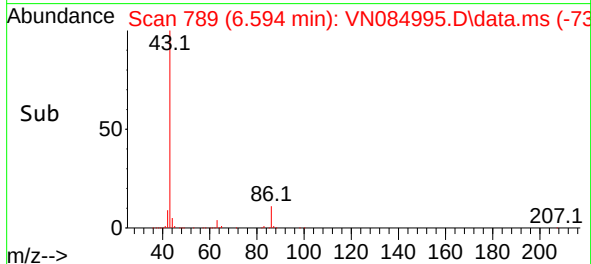
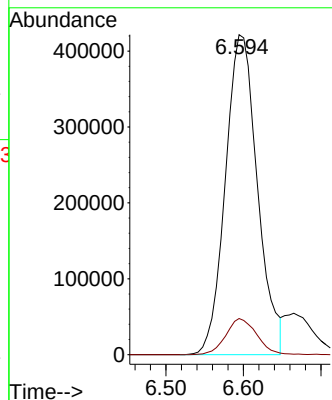
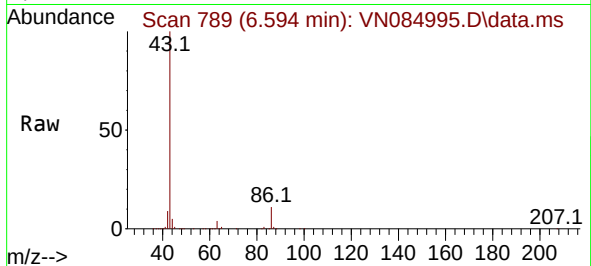




#23
 Vinyl Acetate
 Concen: 305.936 ug/l
 RT: 6.594 min Scan# 790
 Delta R.T. -0.006 min
 Lab File: VN084995.D
 Acq: 21 Nov 2024 15:22

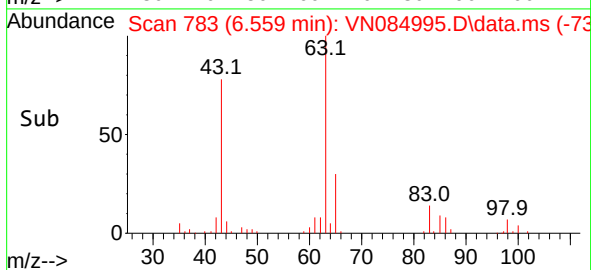
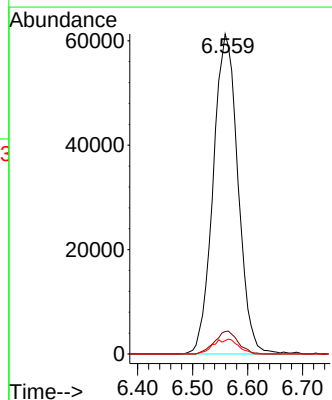
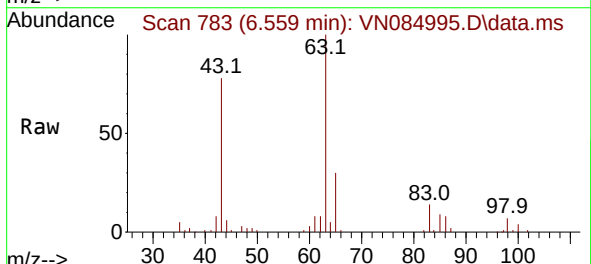
Instrument :
 MSVOA_N
 ClientSampleId :

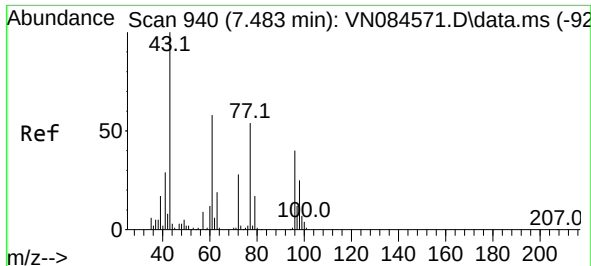
Tgt Ion: 43 Resp: 1214796
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 55.475 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN084995.D
 Acq: 21 Nov 2024 15:22

Tgt Ion: 63 Resp: 191773
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 4.1 2.0 5.8

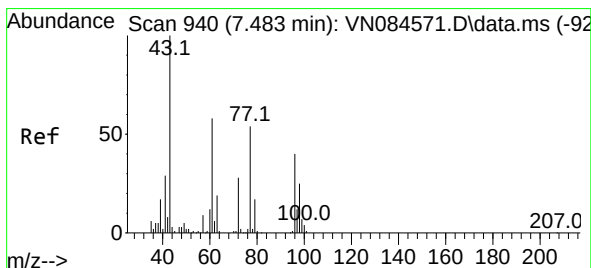
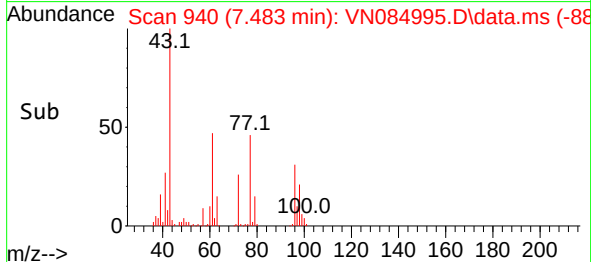
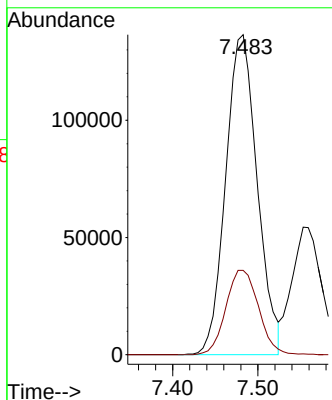
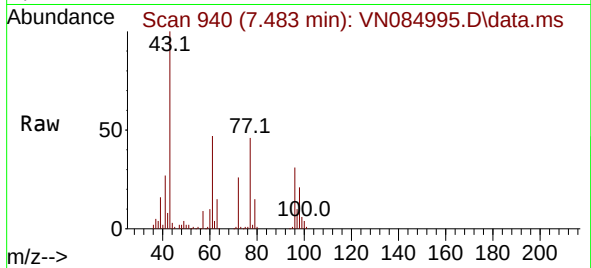




#25
2-Butanone
Concen: 332.311 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

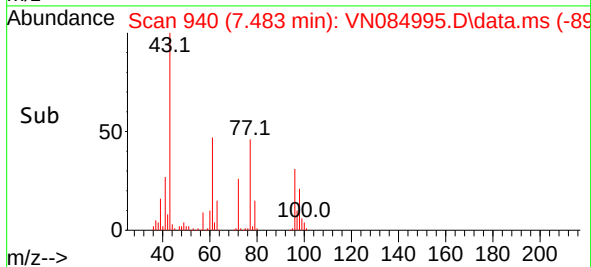
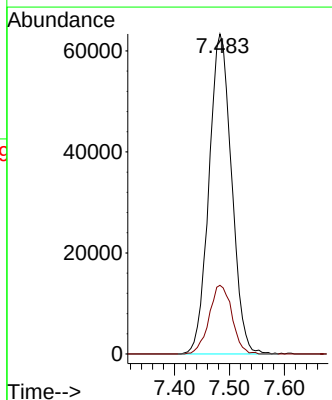
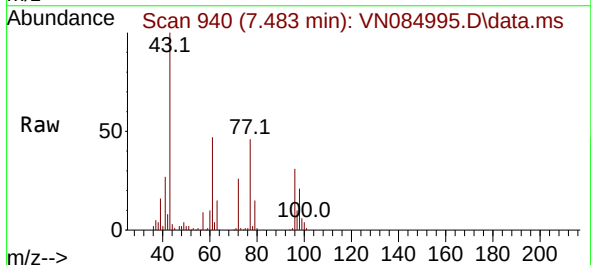
Instrument :
MSVOA_N
ClientSampleId :

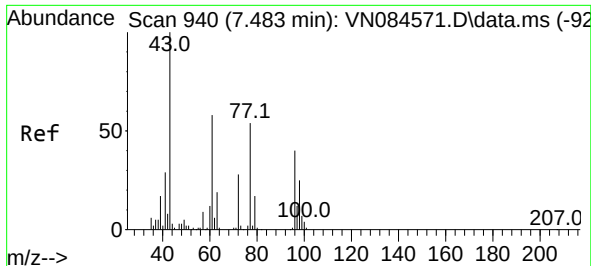
Tgt Ion: 43 Resp: 351346
Ion Ratio Lower Upper
43 100
72 26.4 21.4 32.2



#26
2,2-Dichloropropane
Concen: 60.151 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

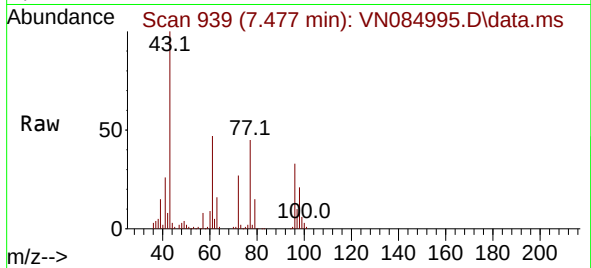
Tgt Ion: 77 Resp: 180983
Ion Ratio Lower Upper
77 100
97 21.6 10.8 32.3



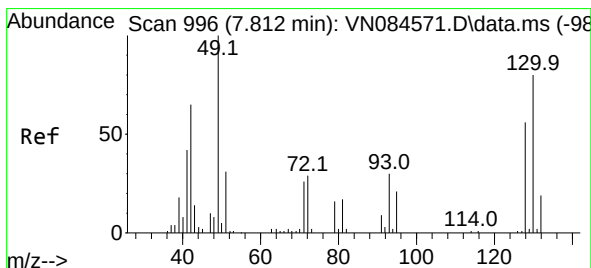
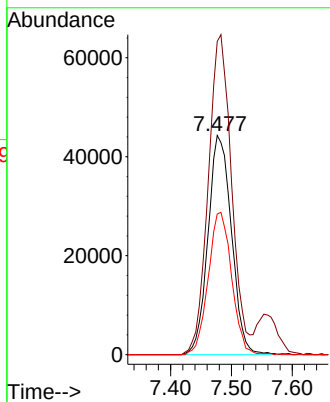
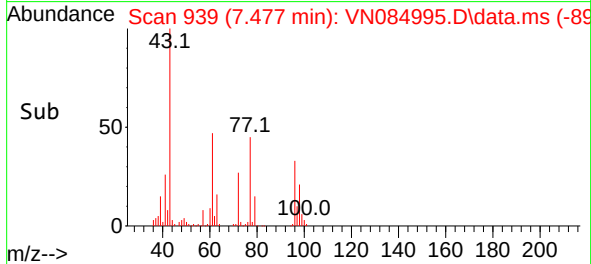


#27
 cis-1,2-Dichloroethene
 Concen: 55.516 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: VN084995.D
 Acq: 21 Nov 2024 15:22

Instrument :
 MSVOA_N
 ClientSampleId :

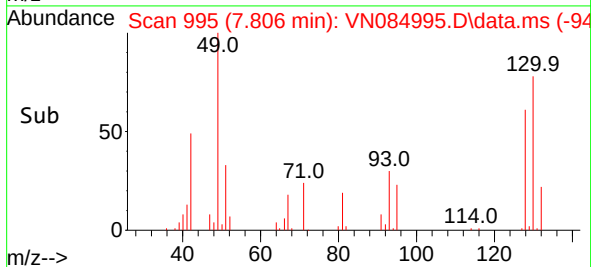
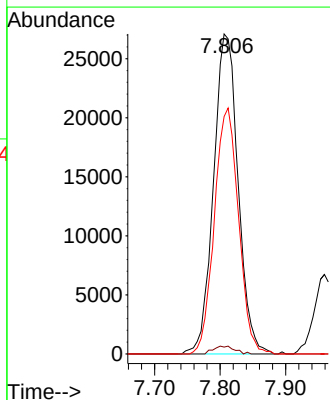
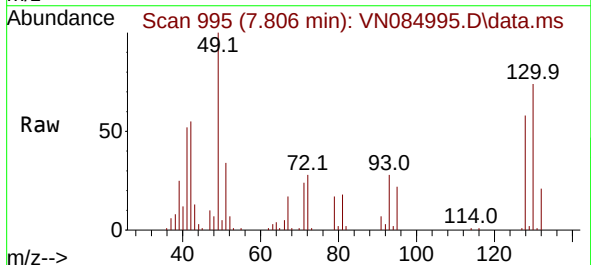


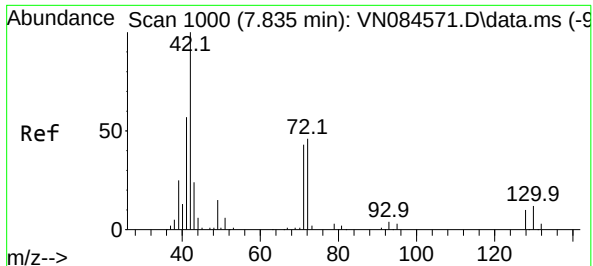
Tgt Ion: 96 Resp: 118935
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 301.8
 98 64.6 0.0 128.2



#28
 Bromochloromethane
 Concen: 51.064 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN084995.D
 Acq: 21 Nov 2024 15:22

Tgt Ion: 49 Resp: 70329
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.6
 130 75.8 58.0 87.0





#29

Tetrahydrofuran

Concen: 304.507 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

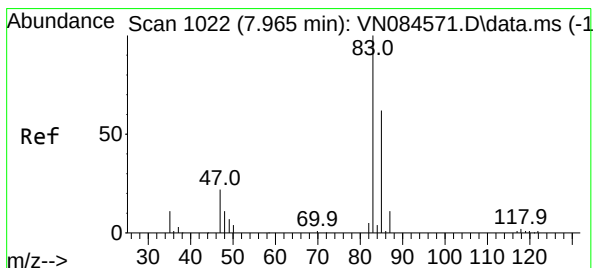
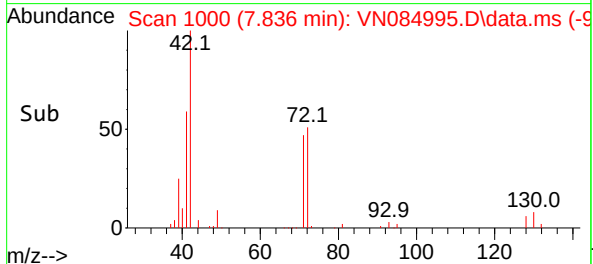
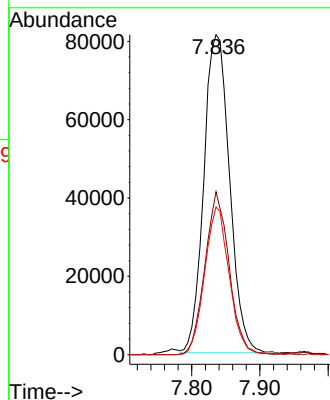
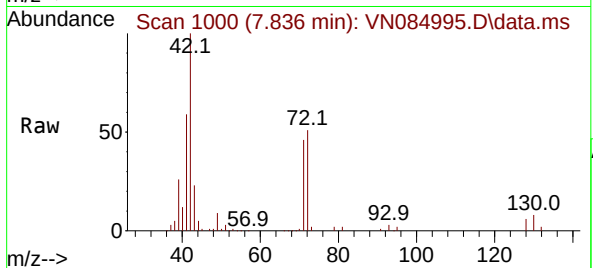
Tgt Ion: 42 Resp: 213586

Ion Ratio Lower Upper

42 100

72 48.0 34.6 51.8

71 44.3 32.2 48.4



#30

Chloroform

Concen: 57.768 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN084995.D

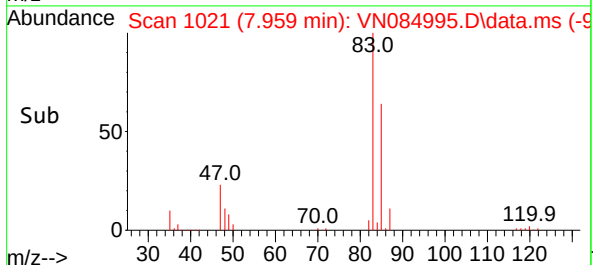
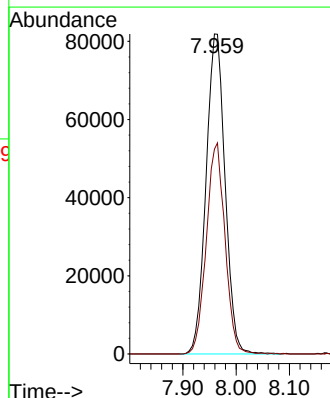
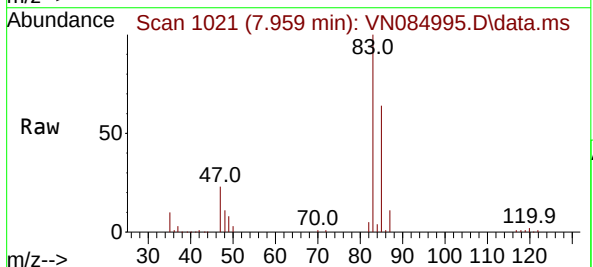
Acq: 21 Nov 2024 15:22

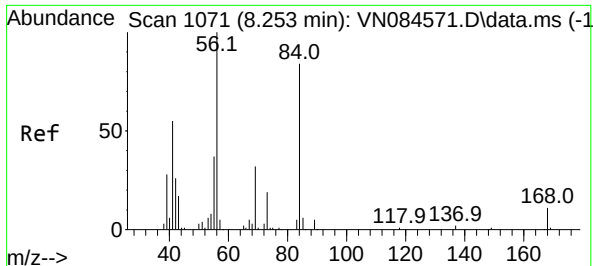
Tgt Ion: 83 Resp: 203260

Ion Ratio Lower Upper

83 100

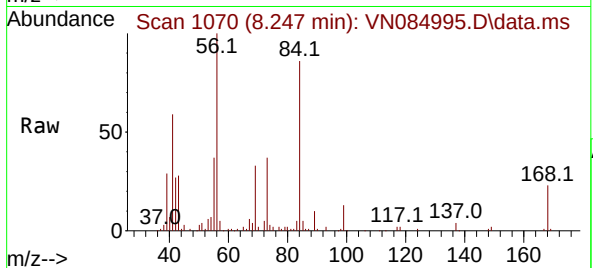
85 64.0 51.0 76.4



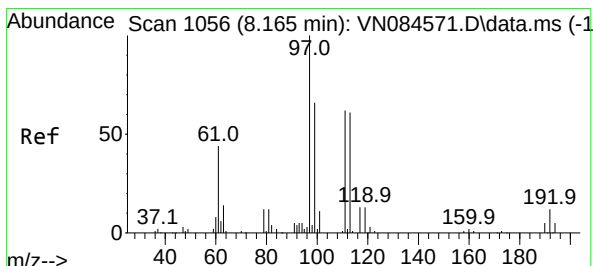
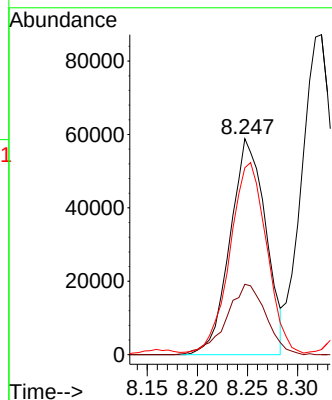
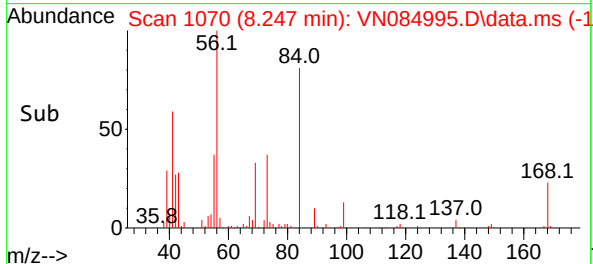


#31
Cyclohexane
Concen: 46.413 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :

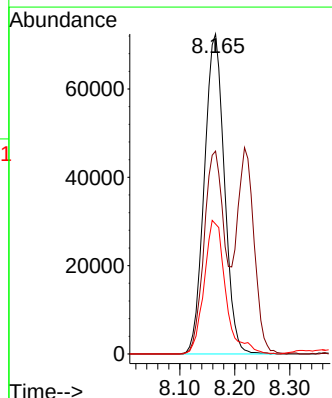
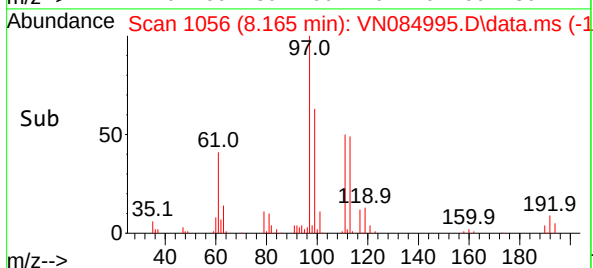
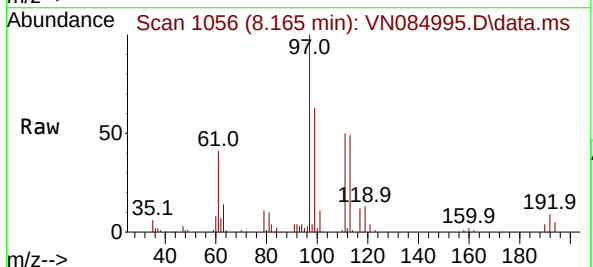


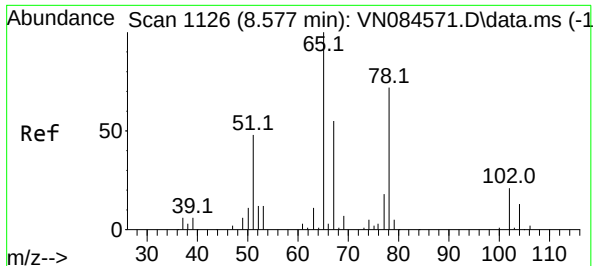
Tgt Ion: 56 Resp: 145217
Ion Ratio Lower Upper
56 100
69 32.3 23.8 35.6
84 85.4 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 57.345 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 97 Resp: 183648
Ion Ratio Lower Upper
97 100
99 66.4 51.2 76.8
61 44.8 37.5 56.3





#33

1,2-Dichloroethane-d4

Concen: 46.624 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

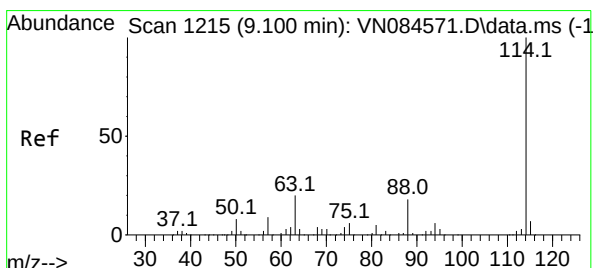
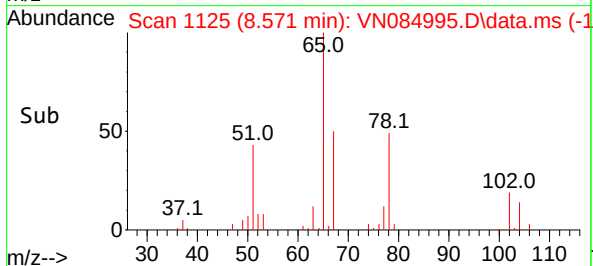
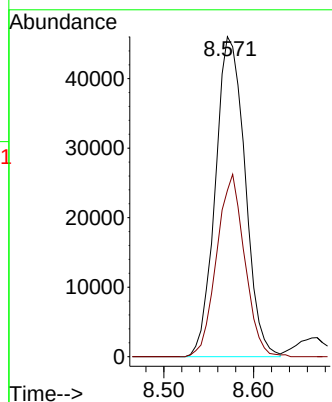
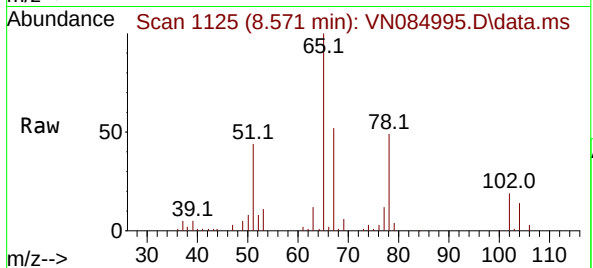
ClientSampleId :

Tgt Ion: 65 Resp: 105661

Ion Ratio Lower Upper

65 100

67 53.8 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: VN084995.D

Acq: 21 Nov 2024 15:22

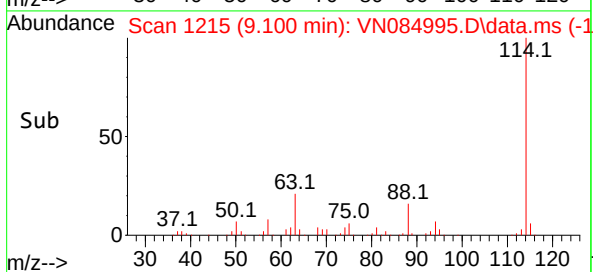
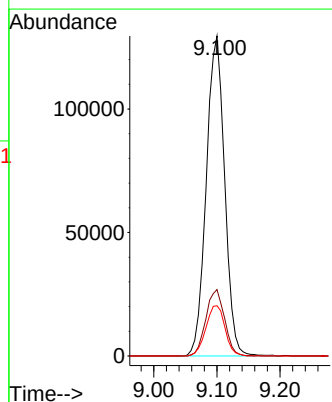
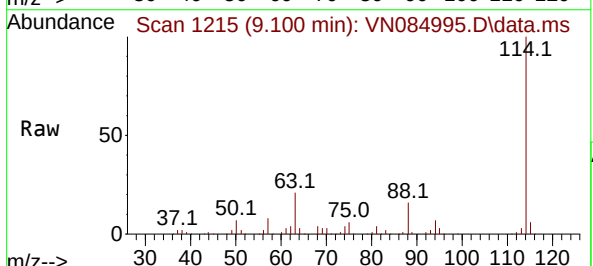
Tgt Ion: 114 Resp: 261929

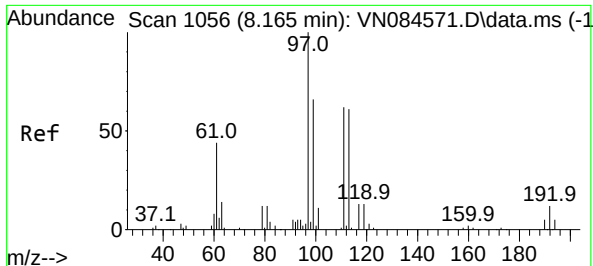
Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.8

88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.959 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

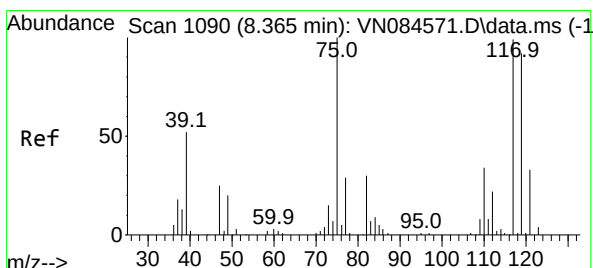
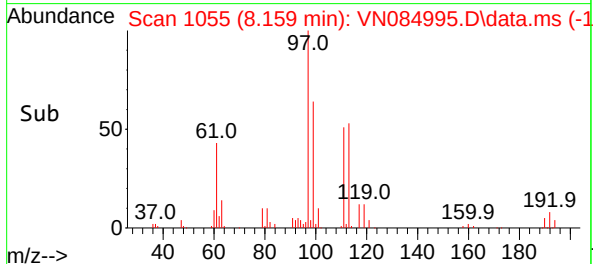
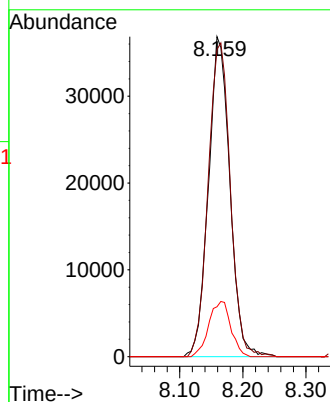
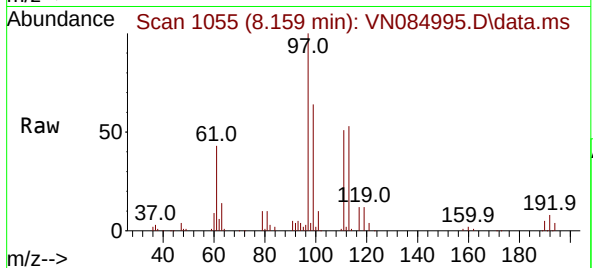
Tgt Ion:113 Resp: 86801

Ion Ratio Lower Upper

113 100

111 101.3 83.3 124.9

192 17.8 13.5 20.3



#36

1,1-Dichloropropene

Concen: 53.185 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

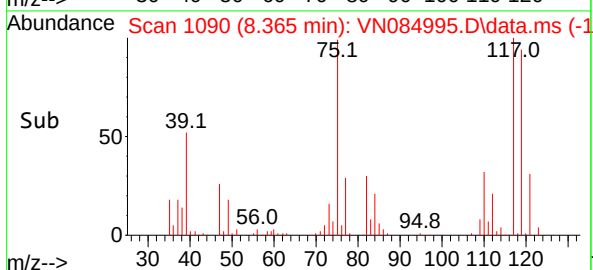
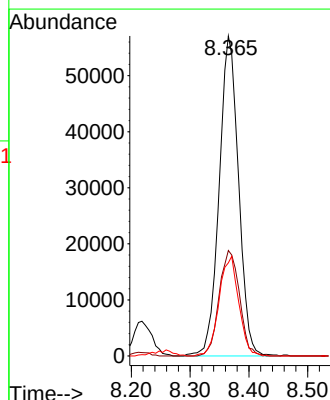
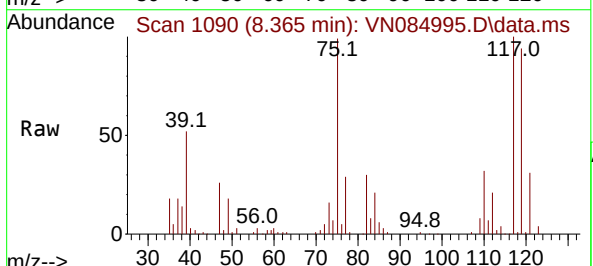
Tgt Ion: 75 Resp: 130775

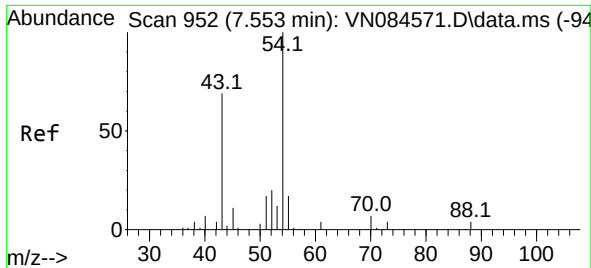
Ion Ratio Lower Upper

75 100

110 34.6 16.9 50.7

77 31.6 24.7 37.1

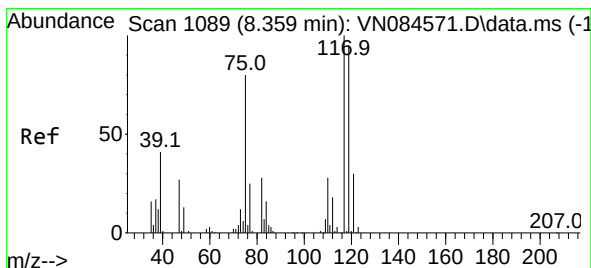
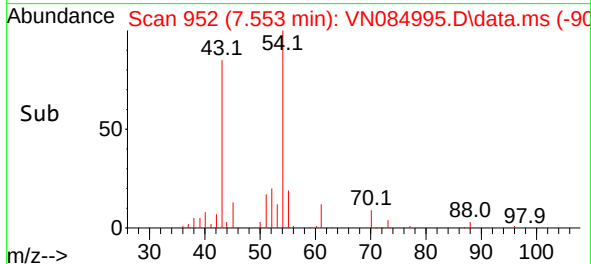
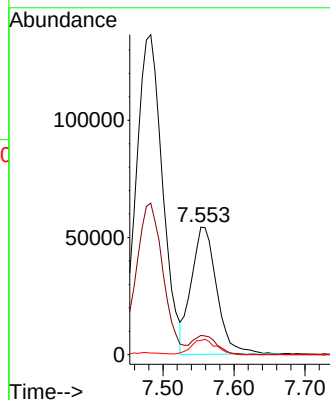
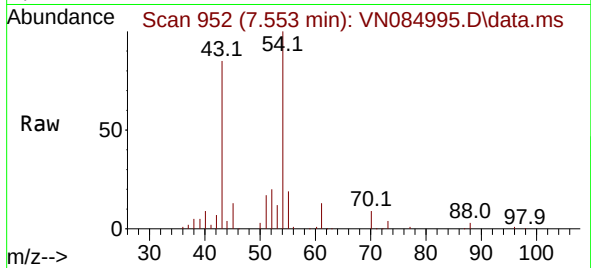




#37
Ethyl Acetate
Concen: 60.726 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

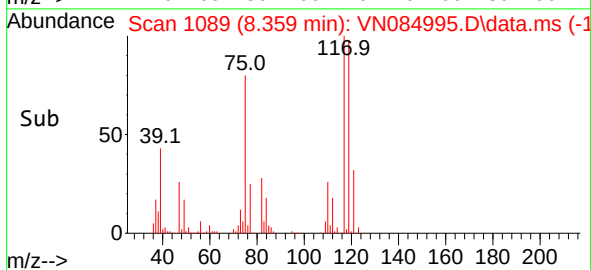
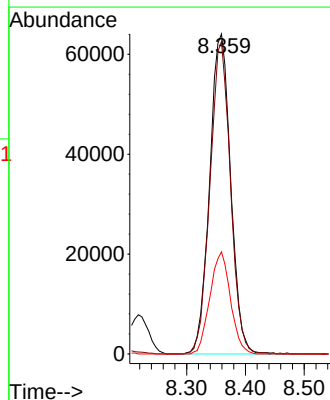
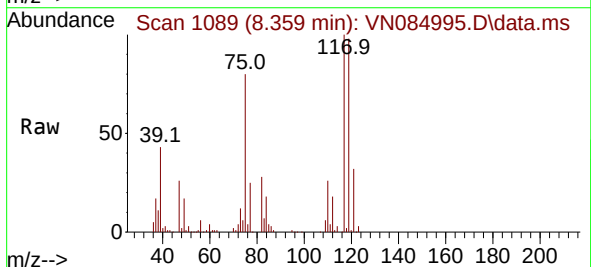
Instrument :
MSVOA_N
ClientSampleId :

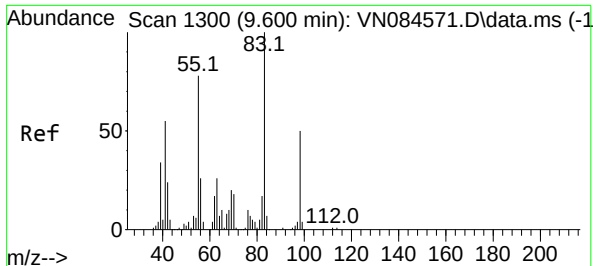
Tgt Ion: 43 Resp: 135473
Ion Ratio Lower Upper
43 100
61 15.0 10.7 16.1
70 11.7 8.8 13.2



#38
Carbon Tetrachloride
Concen: 57.788 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 117 Resp: 158823
Ion Ratio Lower Upper
117 100
119 97.6 78.7 118.1
121 31.9 24.4 36.6





#39

Methylcyclohexane

Concen: 55.993 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

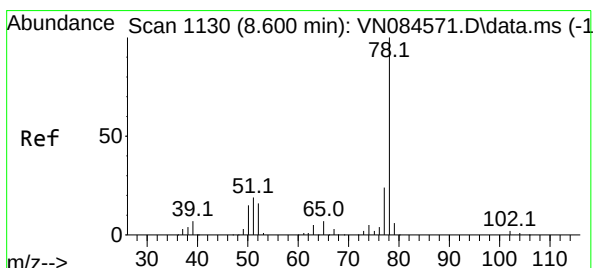
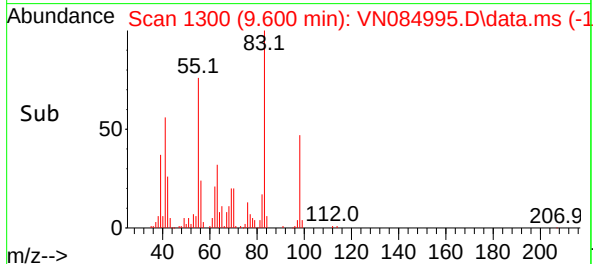
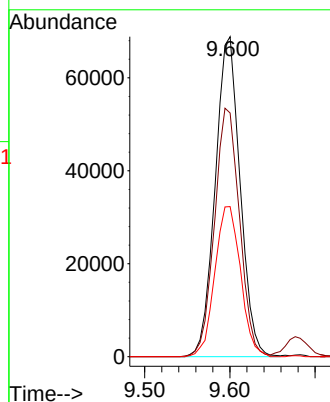
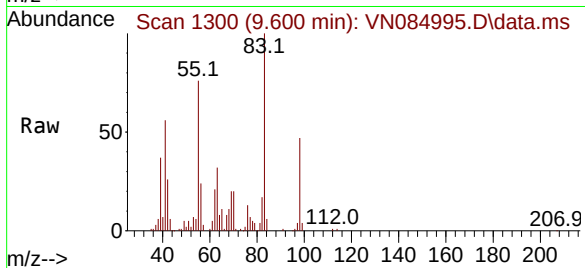
Tgt Ion: 83 Resp: 140064

Ion Ratio Lower Upper

83 100

55 76.2 62.8 94.2

98 46.9 38.8 58.2



#40

Benzene

Concen: 53.670 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN084995.D

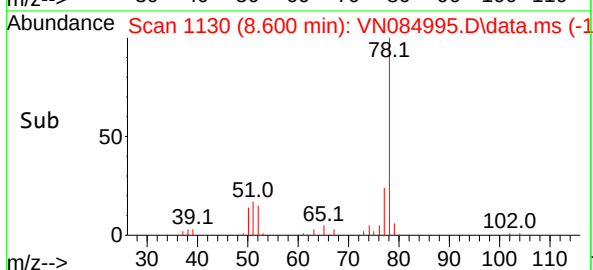
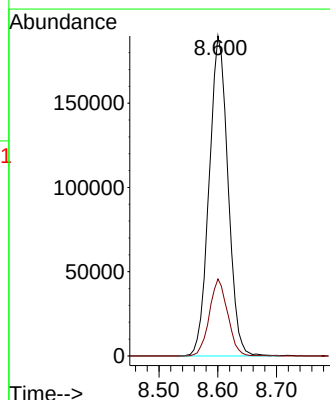
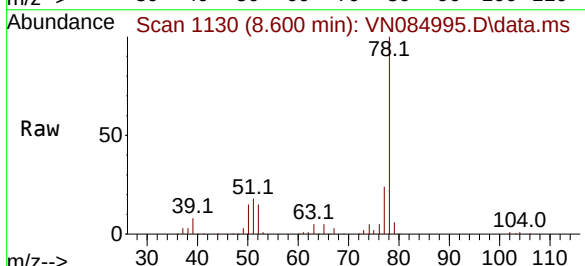
Acq: 21 Nov 2024 15:22

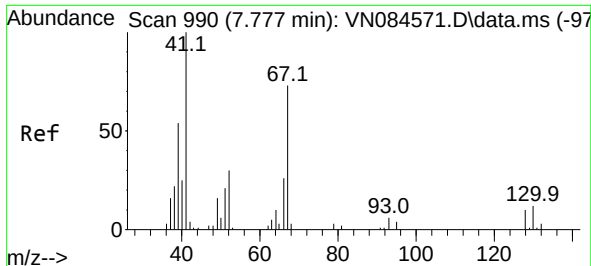
Tgt Ion: 78 Resp: 423803

Ion Ratio Lower Upper

78 100

77 24.1 19.1 28.7



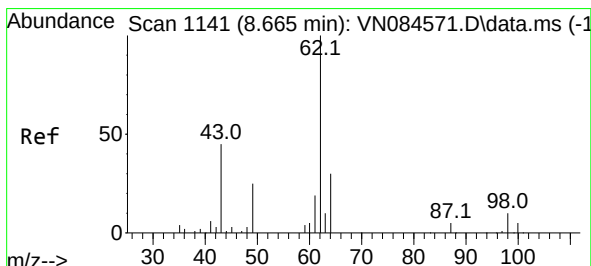
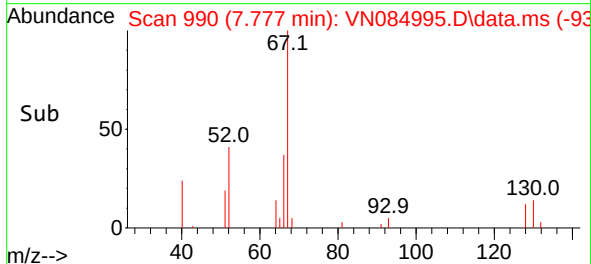
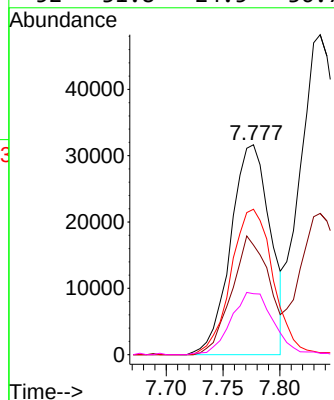
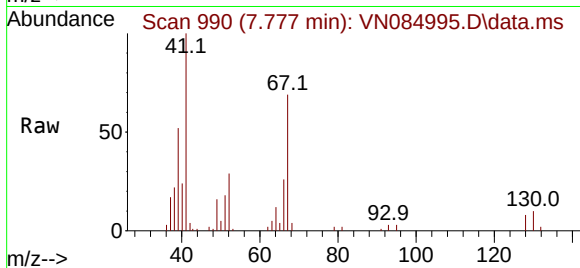


#41
Methacrylonitrile
Concen: 63.850 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 76600

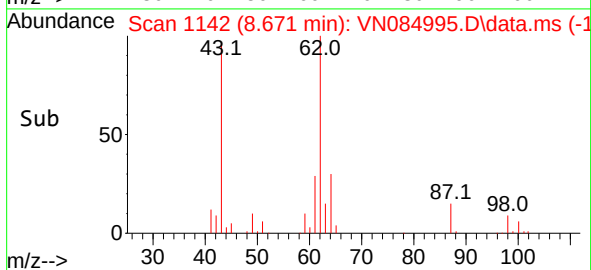
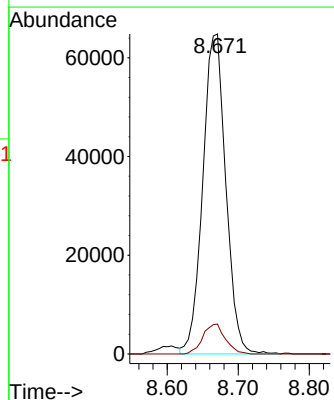
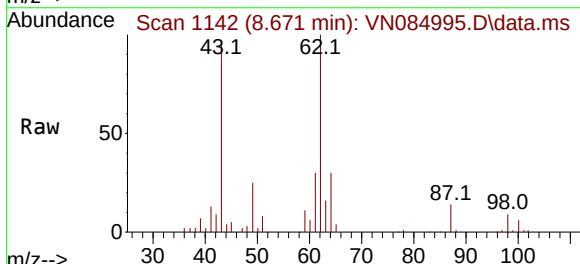
Ion	Ratio	Lower	Upper
41	100		
39	53.7	43.3	64.9
67	74.1	56.1	84.1
52	31.8	24.5	36.7

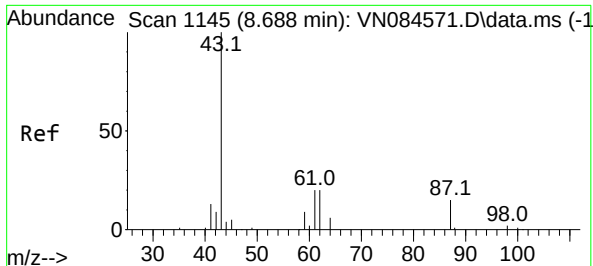


#42
1,2-Dichloroethane
Concen: 57.190 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 62 Resp: 146254

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2

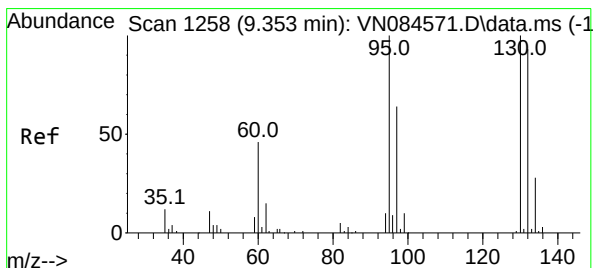
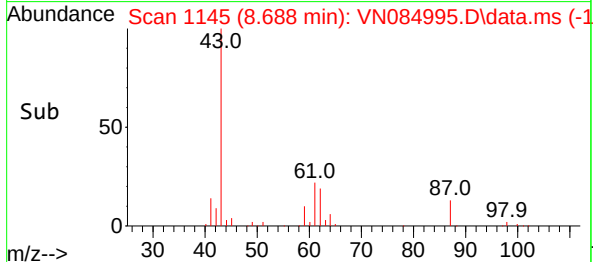
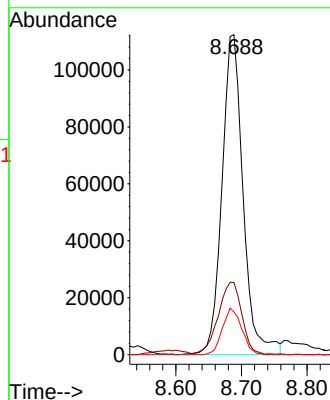
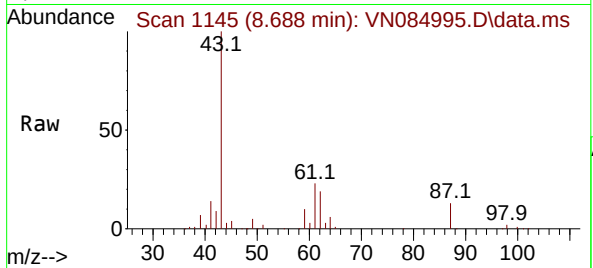




#43
Isopropyl Acetate
Concen: 61.278 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

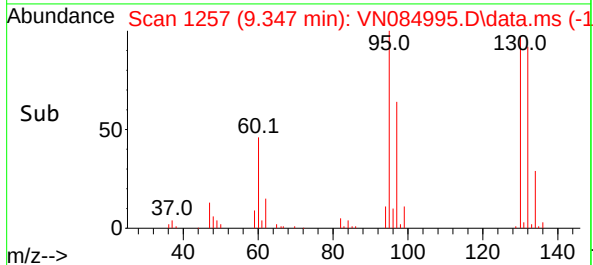
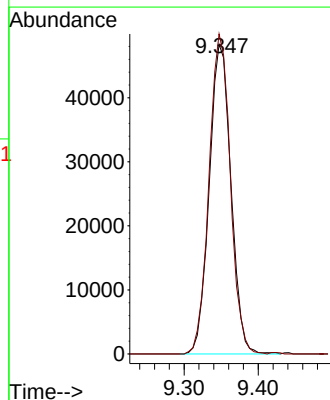
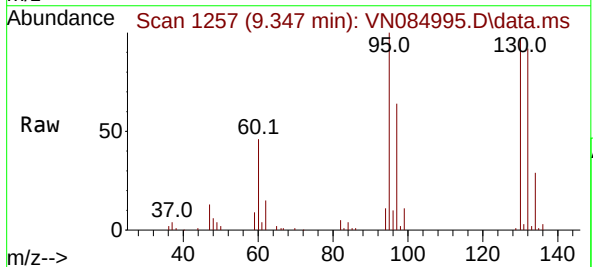
Instrument :
MSVOA_N
ClientSampleId :

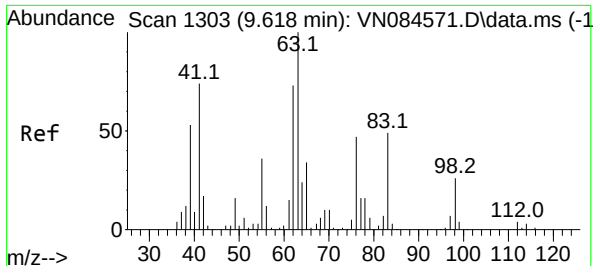
Tgt Ion: 43 Resp: 251654
Ion Ratio Lower Upper
43 100
61 25.4 20.4 30.6
87 13.2 10.3 15.5



#44
Trichloroethene
Concen: 53.895 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion:130 Resp: 98149
Ion Ratio Lower Upper
130 100
95 103.3 0.0 203.0





#45

1,2-Dichloropropane

Concen: 57.441 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

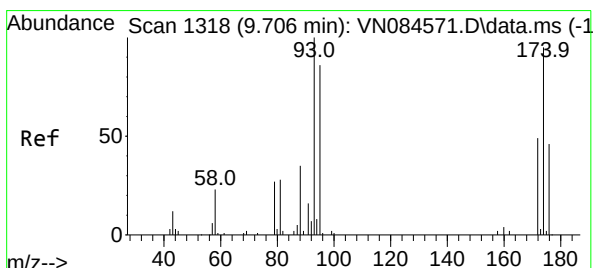
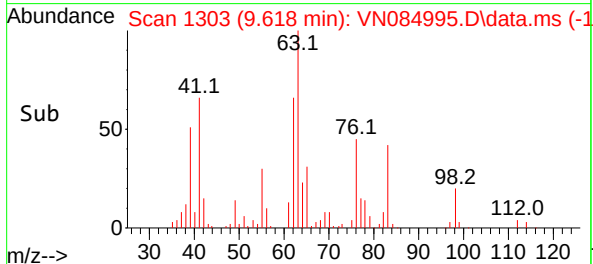
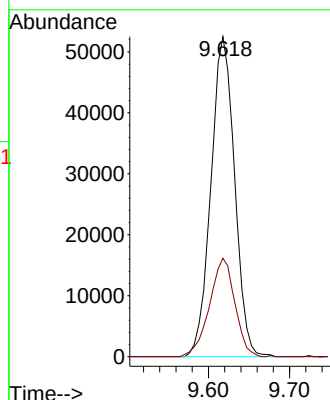
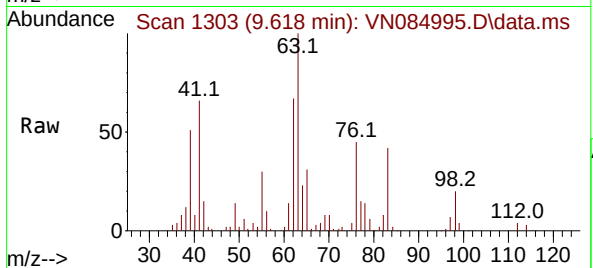
ClientSampleId :

Tgt Ion: 63 Resp: 106402

Ion Ratio Lower Upper

63 100

65 30.7 24.6 37.0



#46

Dibromomethane

Concen: 57.494 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

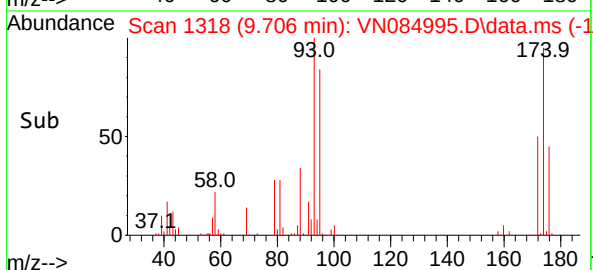
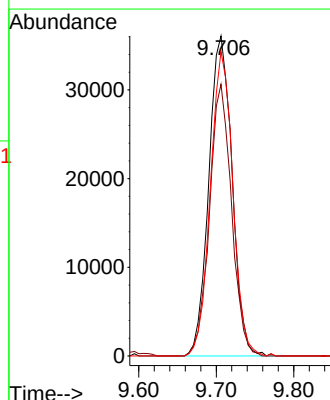
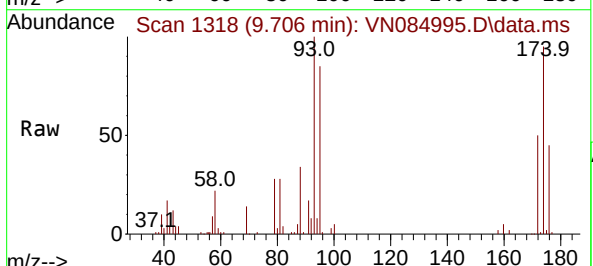
Tgt Ion: 93 Resp: 75150

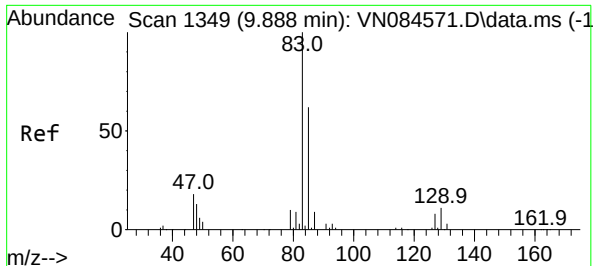
Ion Ratio Lower Upper

93 100

95 80.5 65.0 97.4

174 91.7 71.8 107.8

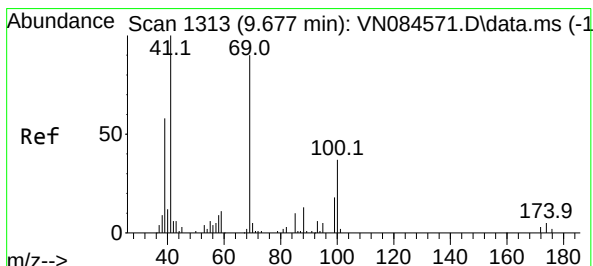
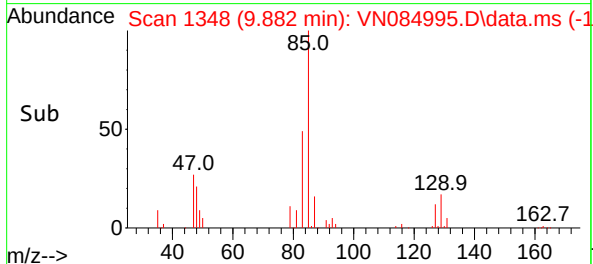
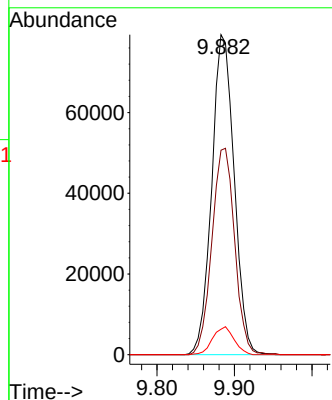
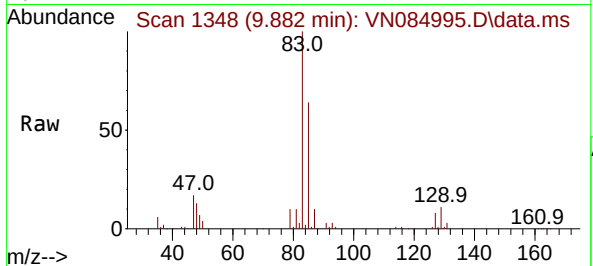




#47
Bromodichloromethane
Concen: 58.038 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

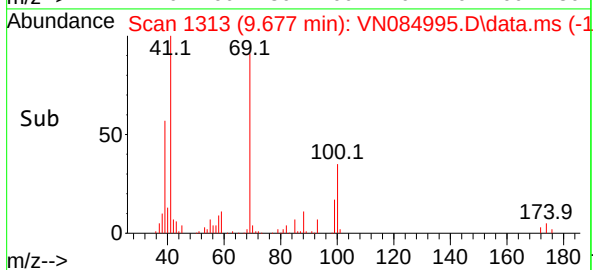
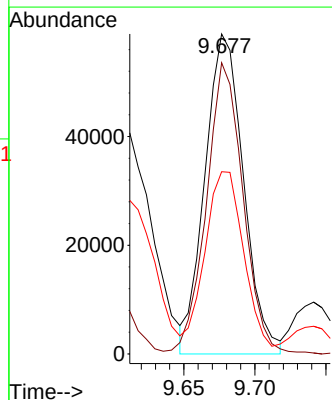
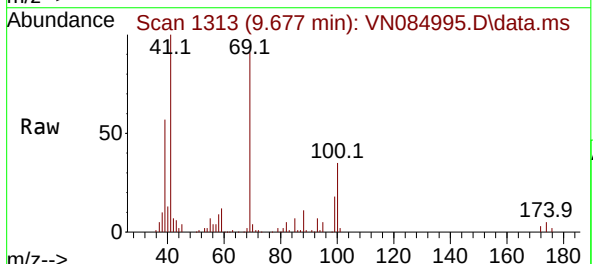
Instrument :
MSVOA_N
ClientSampleId :

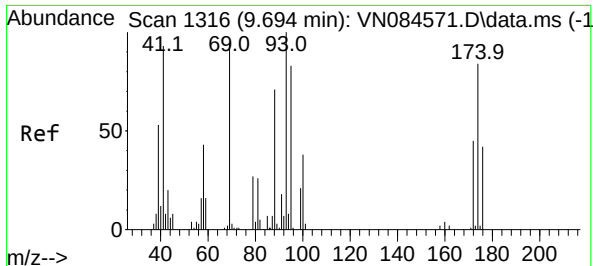
Tgt Ion: 83 Resp: 159911
Ion Ratio Lower Upper
83 100
85 63.9 51.5 77.3
127 7.9 5.7 8.5



#48
Methyl methacrylate
Concen: 64.032 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 41 Resp: 111176
Ion Ratio Lower Upper
41 100
69 86.8 67.1 100.7
39 58.1 45.8 68.6





#49

1,4-Dioxane

Concen: 1308.007 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

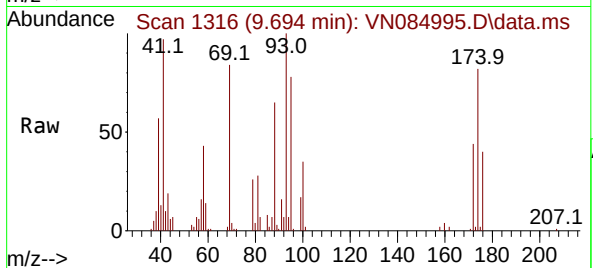
Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

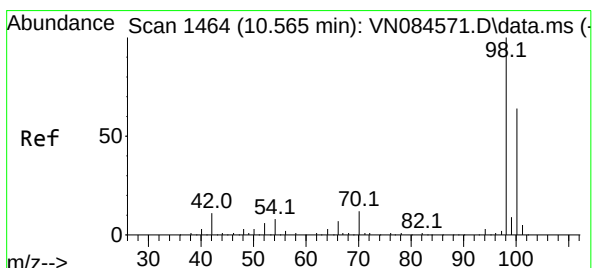
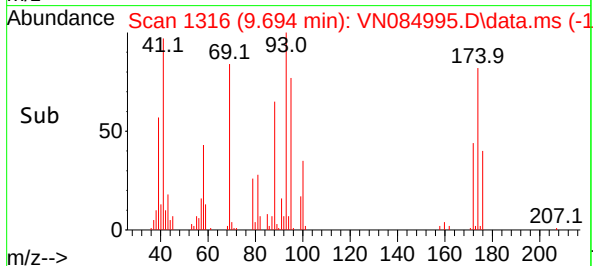
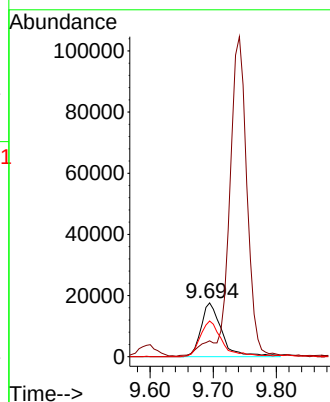
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	88	Resp:	40244
Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.3	37.9#
58	69.7	56.4	84.6



#50

Toluene-d8

Concen: 46.269 ug/l

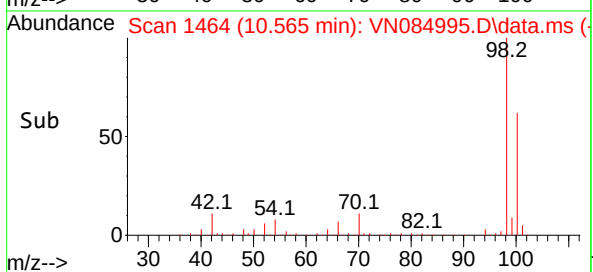
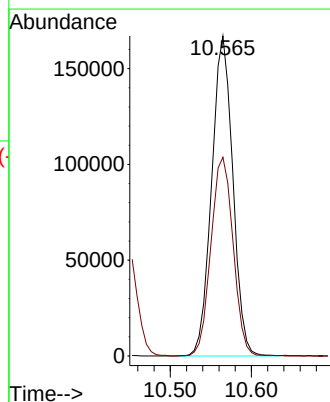
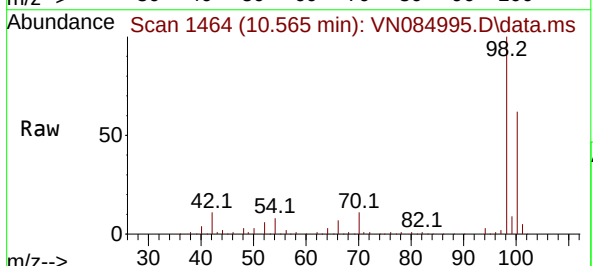
RT: 10.565 min Scan# 1464

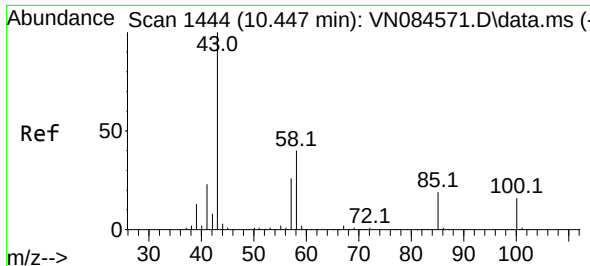
Delta R.T. -0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Tgt Ion:	98	Resp:	302180
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.7	79.1

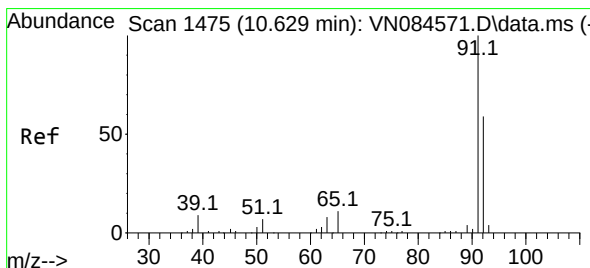
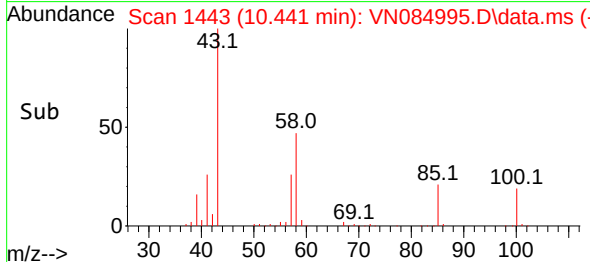
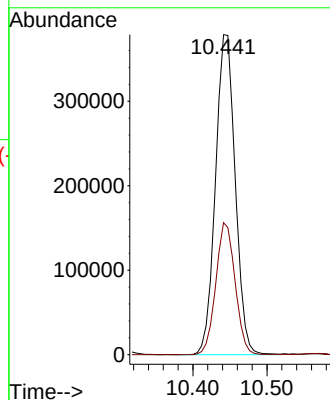
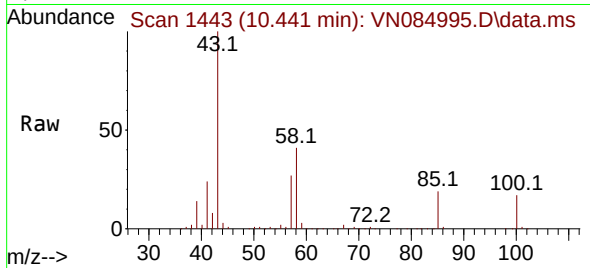




#51
4-Methyl-2-Pentanone
Concen: 330.030 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

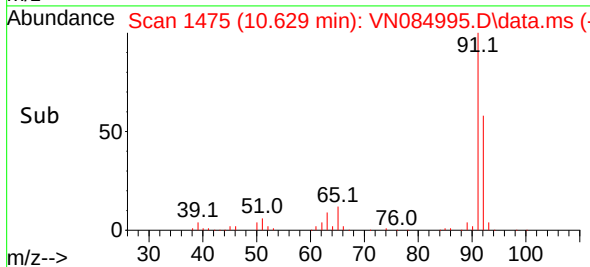
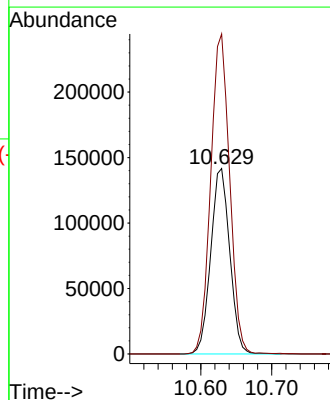
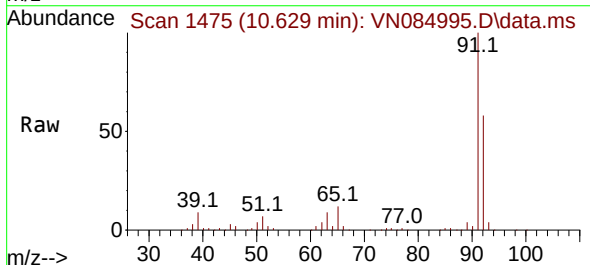
Instrument :
MSVOA_N
ClientSampleId :

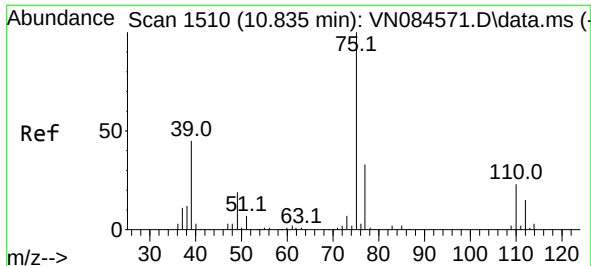
Tgt Ion: 43 Resp: 701880
Ion Ratio Lower Upper
43 100
58 40.3 31.6 47.4



#52
Toluene
Concen: 56.906 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 92 Resp: 262809
Ion Ratio Lower Upper
92 100
91 172.1 137.3 205.9

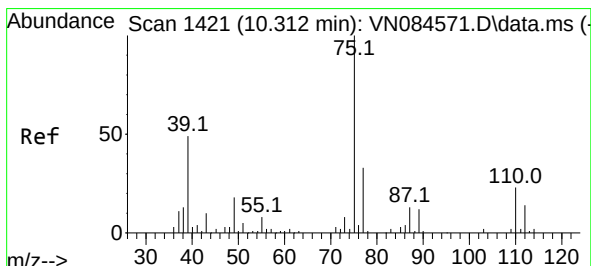
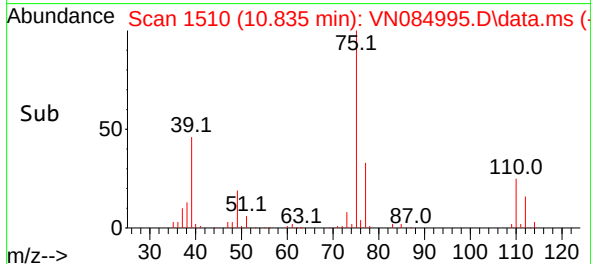
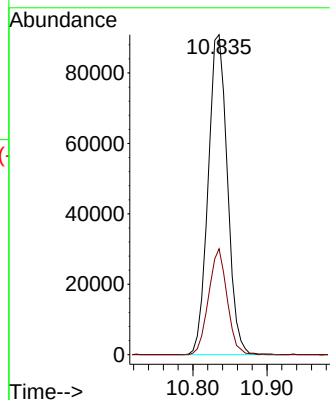
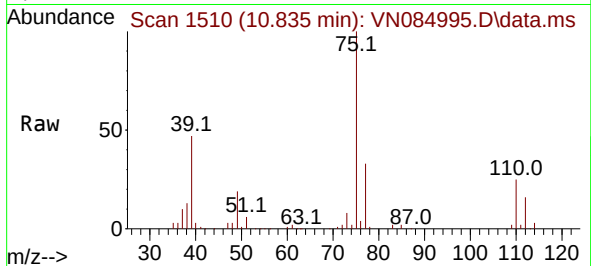




#53
t-1,3-Dichloropropene
Concen: 57.480 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

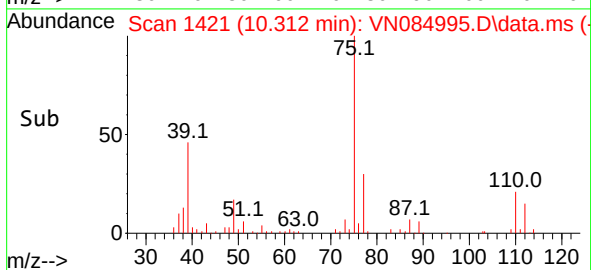
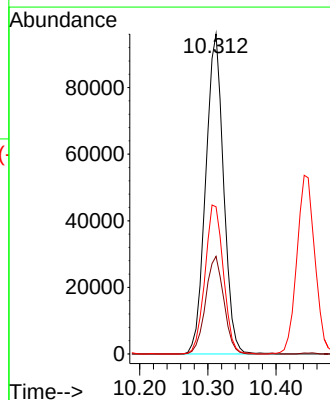
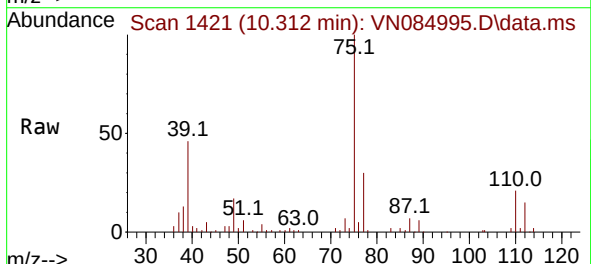
Instrument :
MSVOA_N
ClientSampleId :

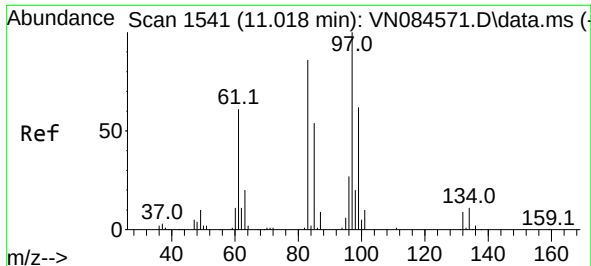
Tgt Ion: 75 Resp: 163935
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 58.056 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

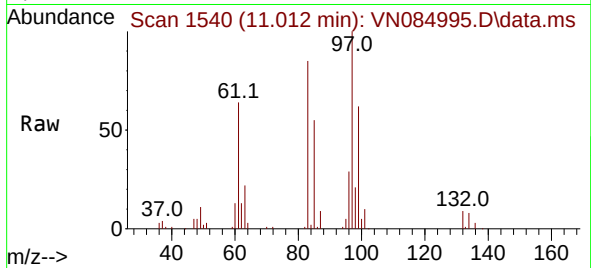
Tgt Ion: 75 Resp: 175243
Ion Ratio Lower Upper
75 100
77 30.5 24.2 36.2
39 46.0 38.7 58.1



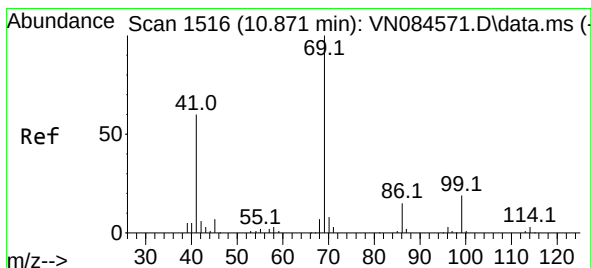
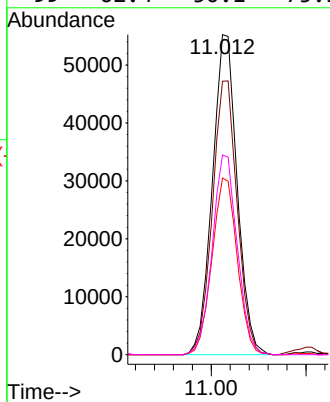
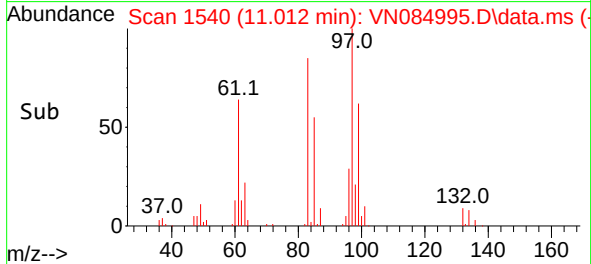


#55
1,1,2-Trichloroethane
Concen: 57.751 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :

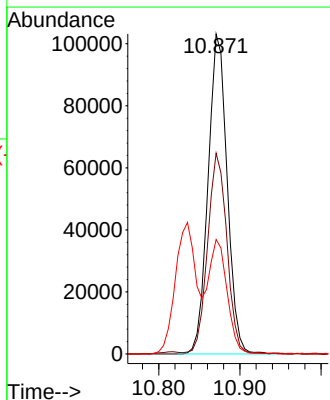
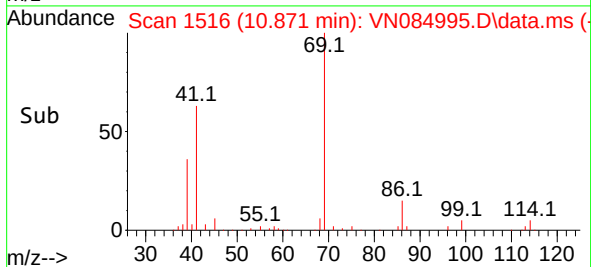
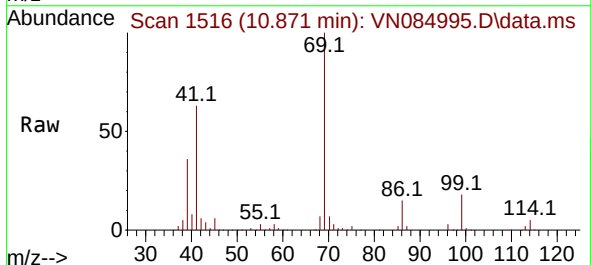


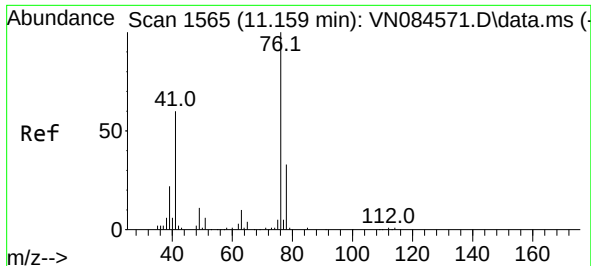
Tgt Ion:	97	Resp:	100467
Ion	Ratio	Lower	Upper
97	100		
83	85.5	71.0	106.4
85	55.2	41.7	62.5
99	62.4	50.1	75.1



#56
Ethyl methacrylate
Concen: 66.982 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion:	69	Resp:	168548
Ion	Ratio	Lower	Upper
69	100		
41	63.7	53.3	79.9
39	34.7	28.8	43.2

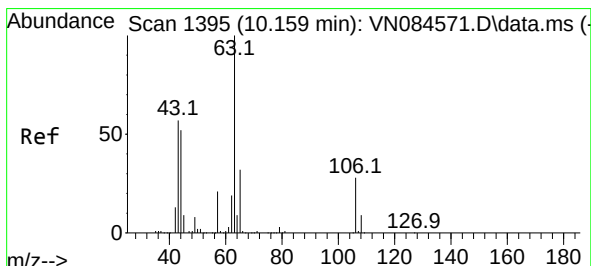
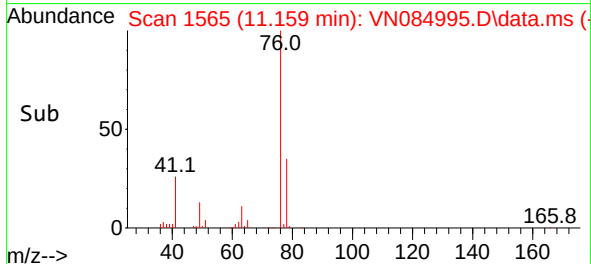
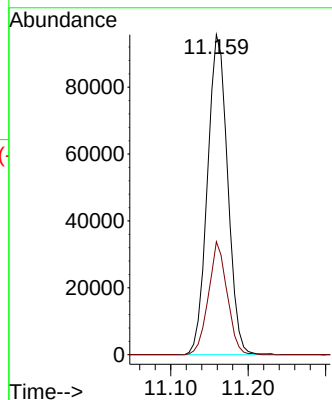
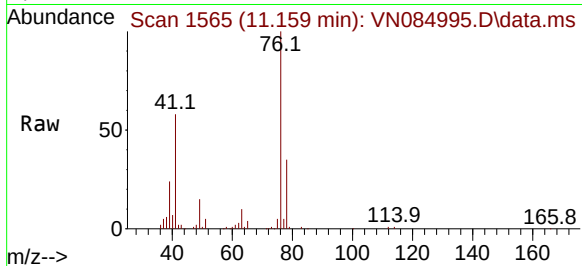




#57
1,3-Dichloropropane
Concen: 57.994 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

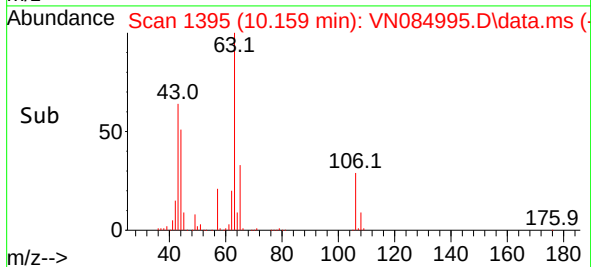
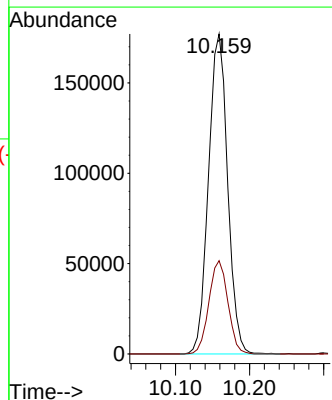
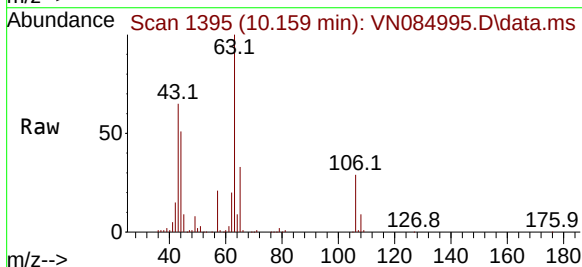
Instrument :
MSVOA_N
ClientSampleId :

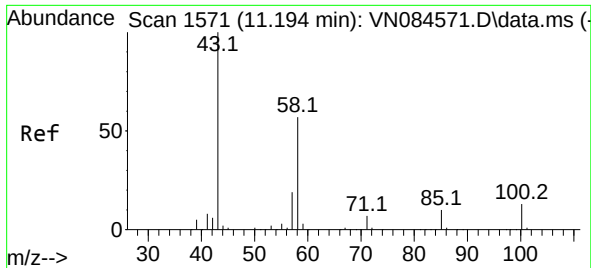
Tgt Ion: 76 Resp: 173149
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 269.367 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 63 Resp: 317173
Ion Ratio Lower Upper
63 100
106 29.0 21.8 32.6

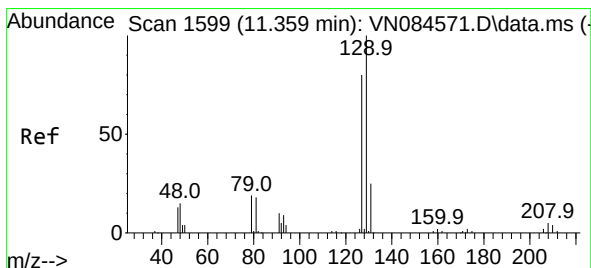
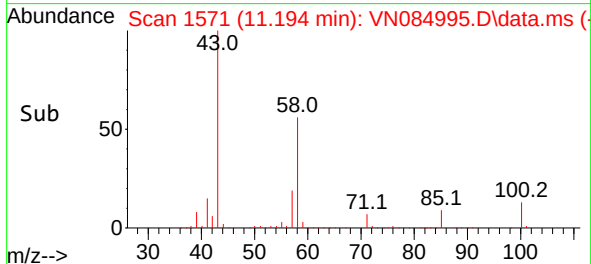
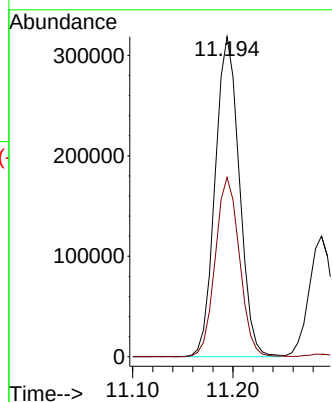
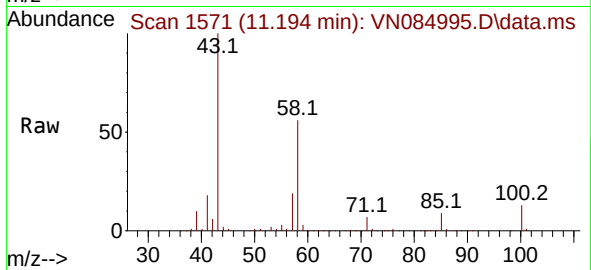




#59
2-Hexanone
Concen: 345.529 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

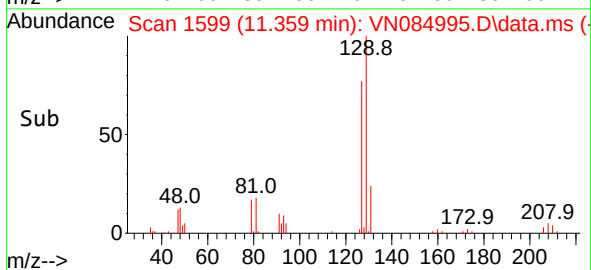
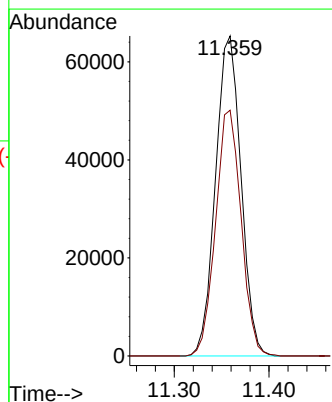
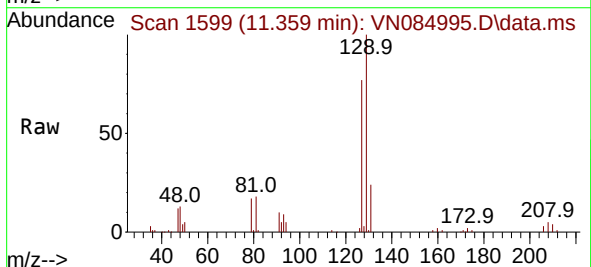
Instrument :
MSVOA_N
ClientSampleId :

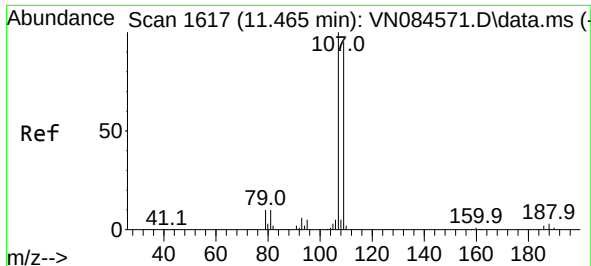
Tgt Ion: 43 Resp: 534881
Ion Ratio Lower Upper
43 100
58 55.9 27.3 81.8



#60
Dibromochloromethane
Concen: 61.561 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion:129 Resp: 122055
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.9

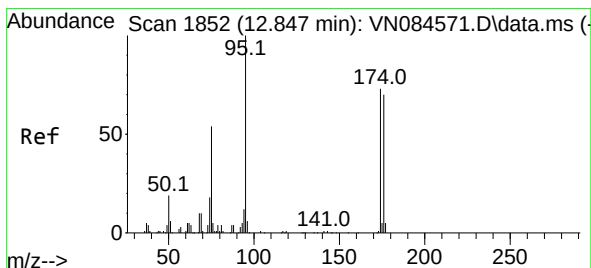
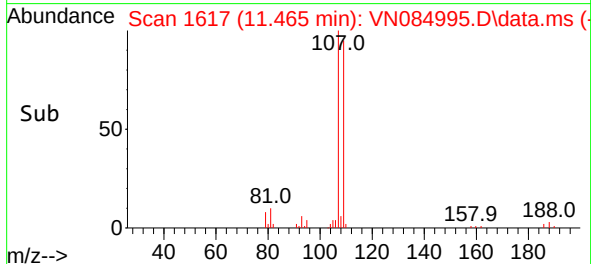
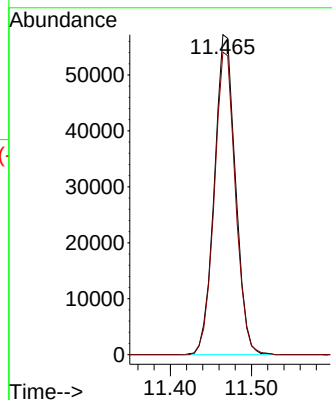
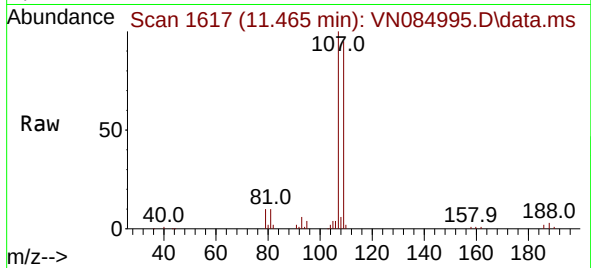




#61
1,2-Dibromoethane
Concen: 58.139 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

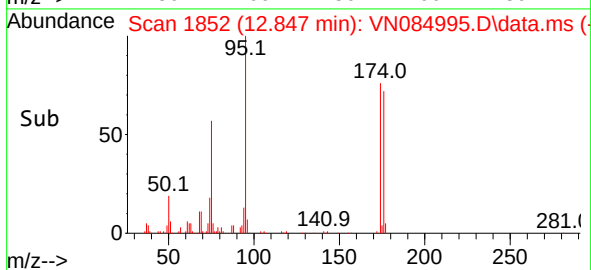
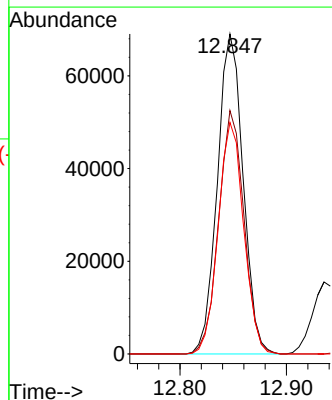
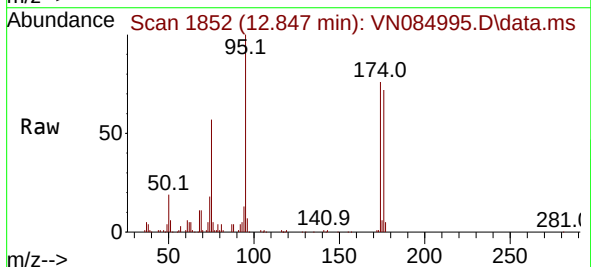
Instrument :
MSVOA_N
ClientSampleId :

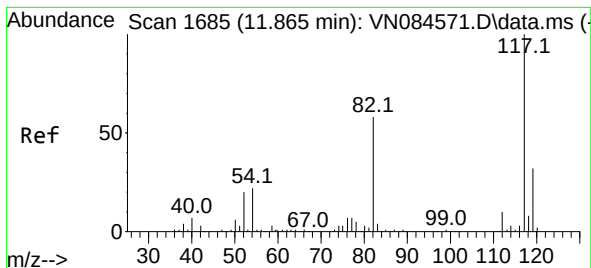
Tgt Ion:107 Resp: 103573
Ion Ratio Lower Upper
107 100
109 94.6 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 47.424 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 95 Resp: 115754
Ion Ratio Lower Upper
95 100
174 75.0 0.0 145.2
176 71.8 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

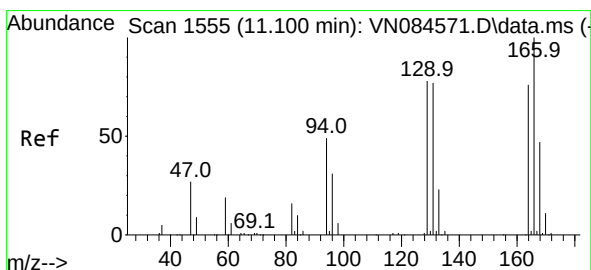
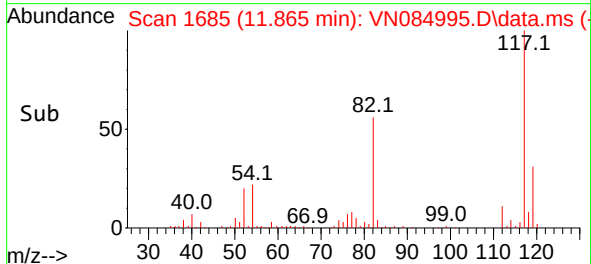
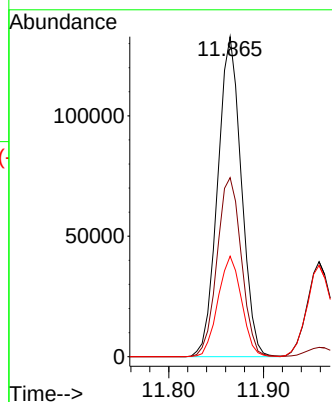
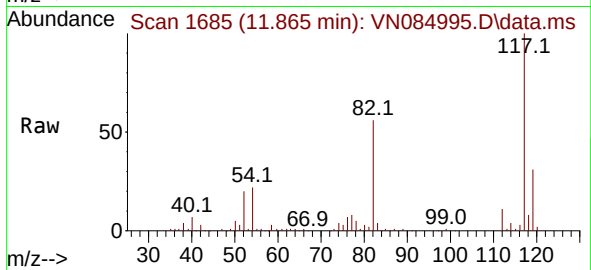
Tgt Ion:117 Resp: 230917

Ion Ratio Lower Upper

117 100

82 56.0 47.2 70.8

119 31.4 25.4 38.0



#64

Tetrachloroethene

Concen: 54.178 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Tgt Ion:164 Resp: 83217

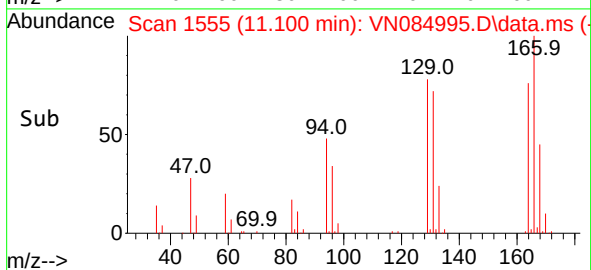
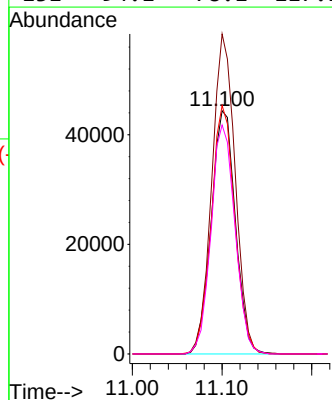
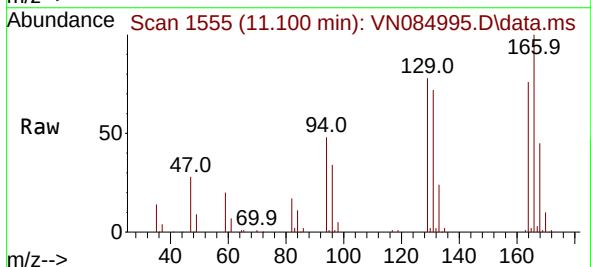
Ion Ratio Lower Upper

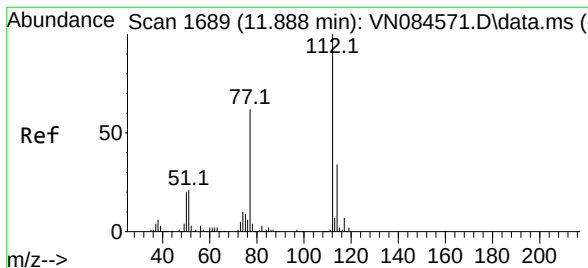
164 100

166 131.6 101.0 151.4

129 102.1 80.8 121.2

131 94.1 78.1 117.1





#65

Chlorobenzene

Concen: 55.329 ug/l

RT: 11.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

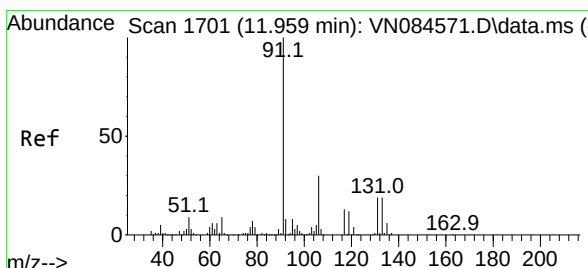
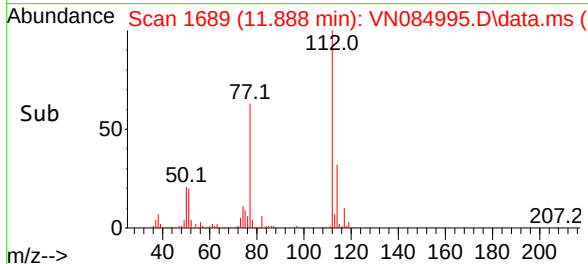
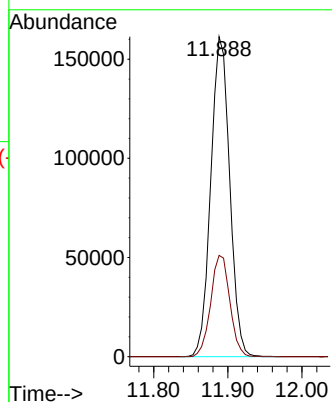
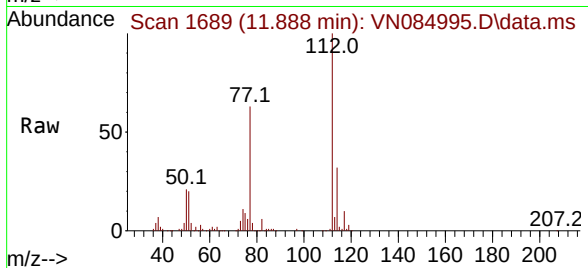
ClientSampleId :

Tgt Ion:112 Resp: 285830

Ion Ratio Lower Upper

112 100

114 31.7 27.0 40.6



#66

1,1,1,2-Tetrachloroethane

Concen: 60.021 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

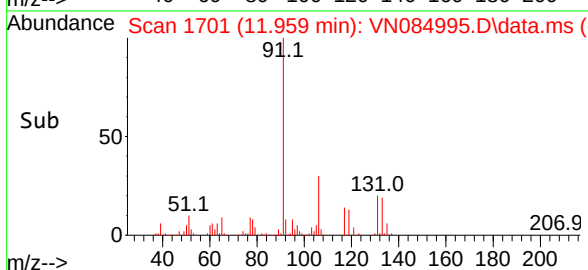
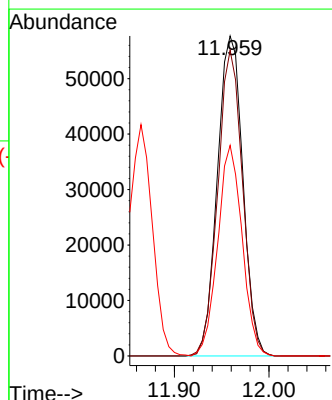
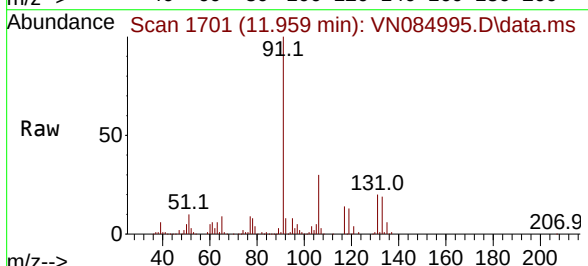
Tgt Ion:131 Resp: 107853

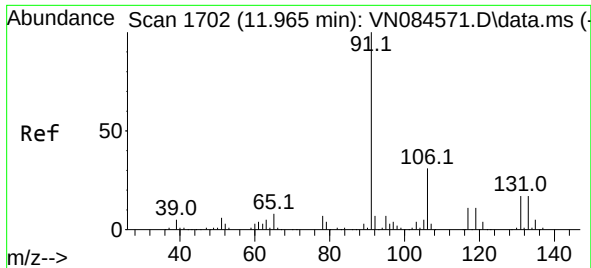
Ion Ratio Lower Upper

131 100

133 93.2 47.9 143.7

119 63.1 32.8 98.3

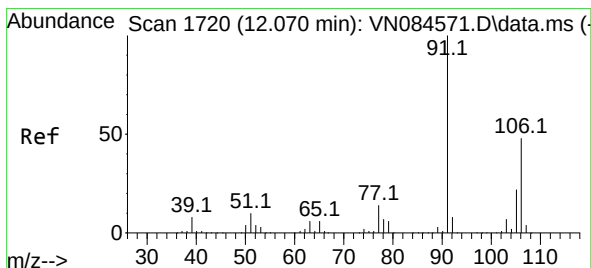
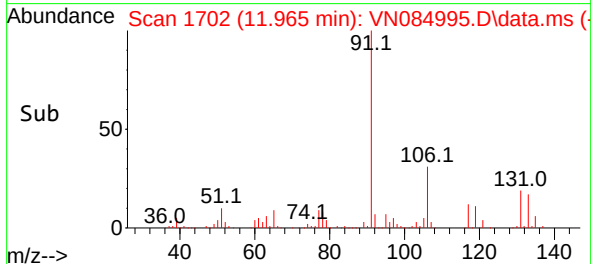
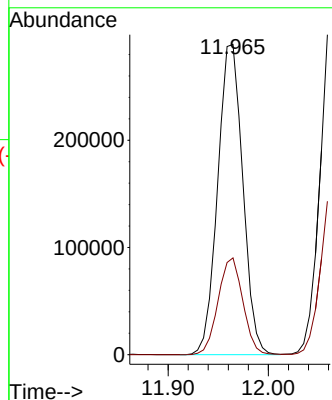
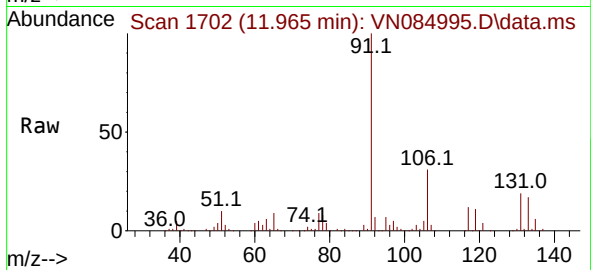




#67
Ethyl Benzene
Concen: 58.395 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

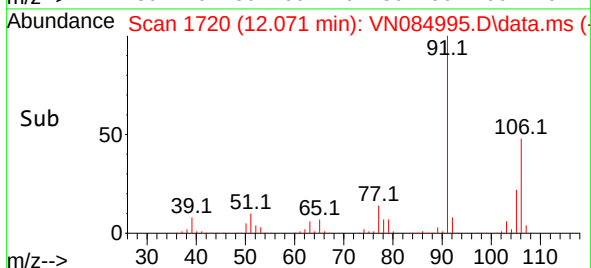
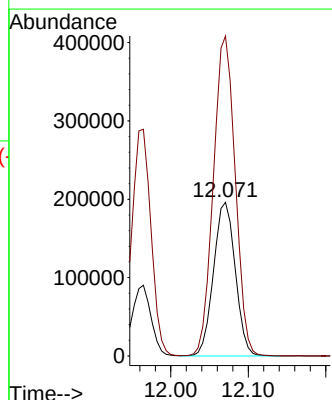
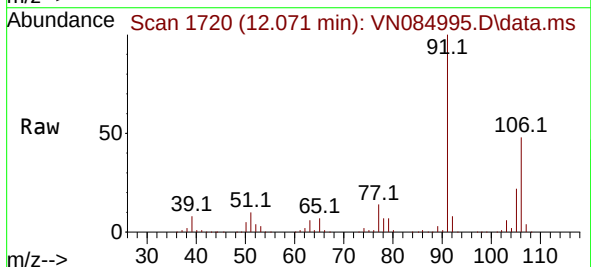
Instrument :
MSVOA_N
ClientSampleId :

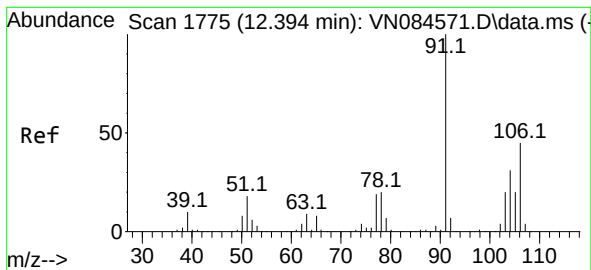
Tgt Ion: 91 Resp: 503551
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7



#68
m/p-Xylenes
Concen: 117.034 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion:106 Resp: 382074
Ion Ratio Lower Upper
106 100
91 209.4 167.1 250.7

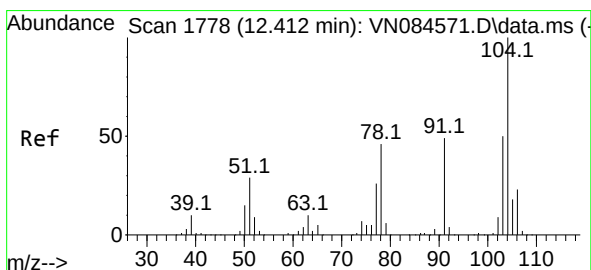
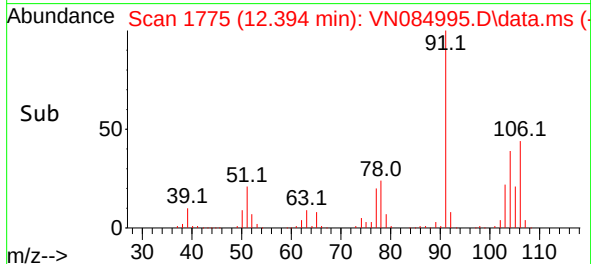
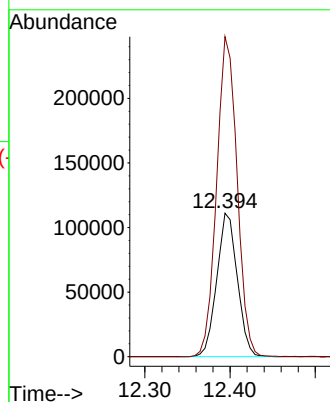
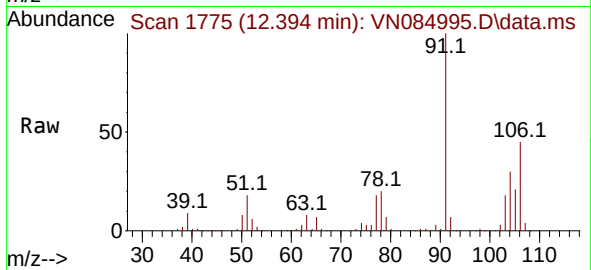




#69
o-Xylene
Concen: 60.979 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

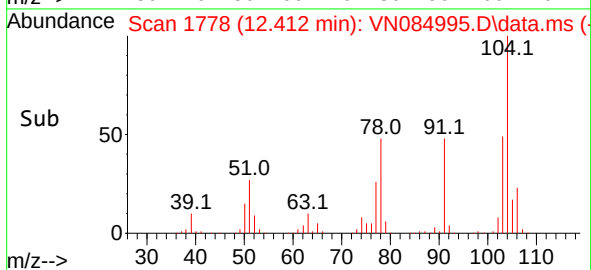
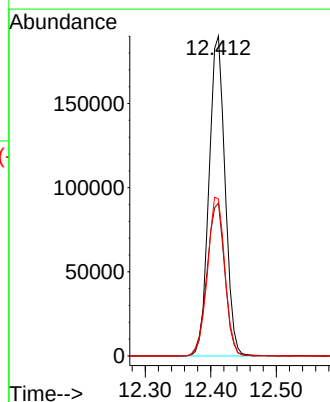
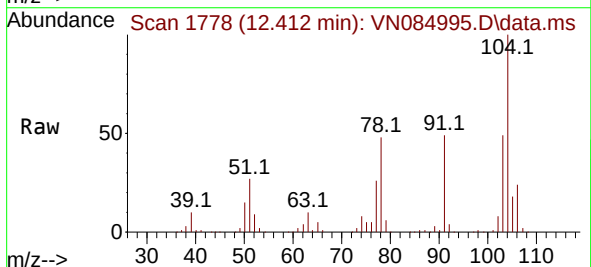
Instrument :
MSVOA_N
ClientSampleId :

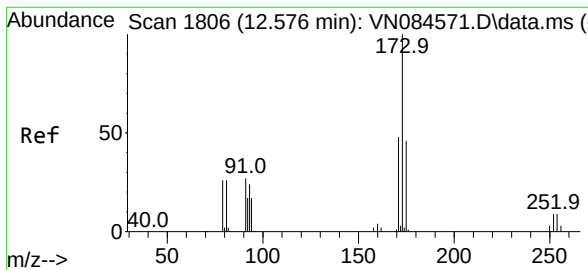
Tgt Ion:106 Resp: 186229
Ion Ratio Lower Upper
106 100
91 222.5 110.2 330.6



#70
Styrene
Concen: 60.923 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion:104 Resp: 324567
Ion Ratio Lower Upper
104 100
78 52.6 42.7 64.1
103 53.5 43.6 65.4

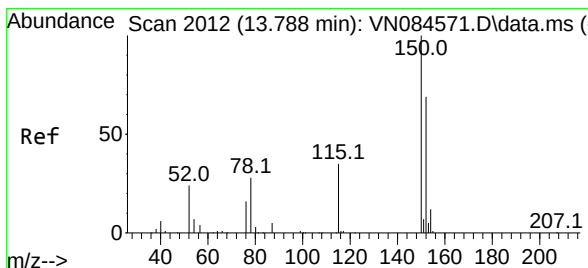
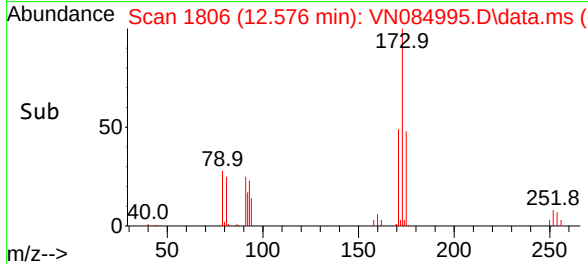
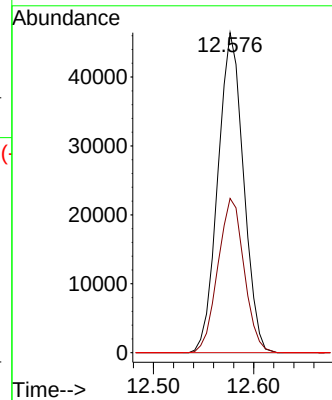
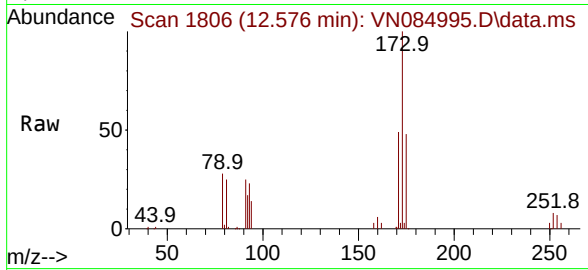




#71
Bromoform
Concen: 60.825 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

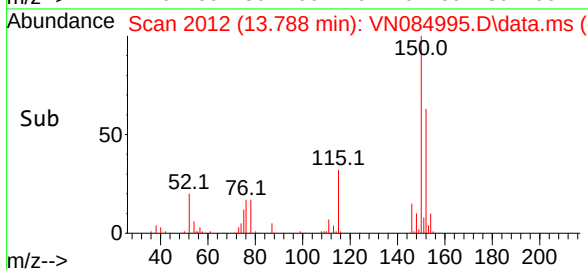
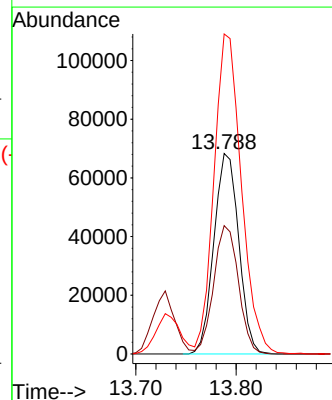
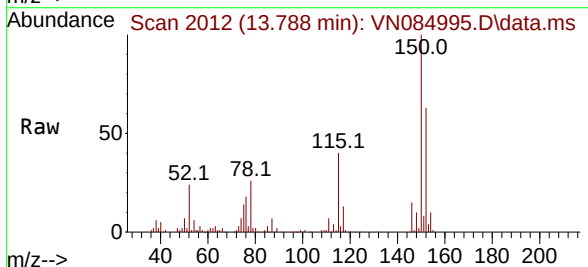
Instrument :
MSVOA_N
ClientSampleId :

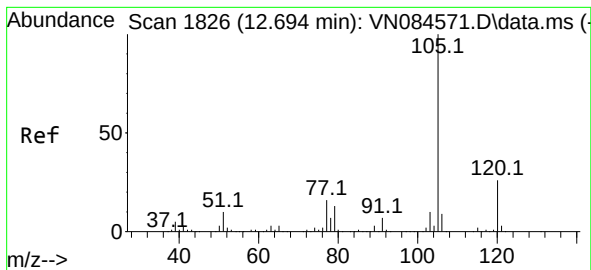
Tgt Ion:173 Resp: 82242
Ion Ratio Lower Upper
173 100
175 49.5 23.5 70.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion:152 Resp: 117373
Ion Ratio Lower Upper
152 100
115 63.7 31.3 93.9
150 175.9 0.0 349.8





#73

Isopropylbenzene

Concen: 58.872 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

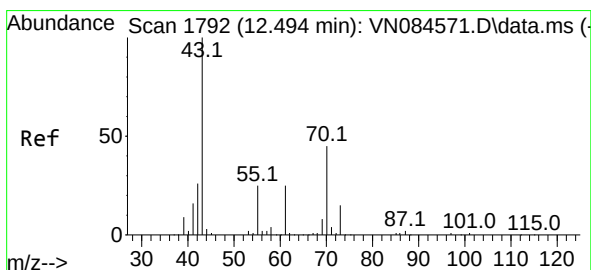
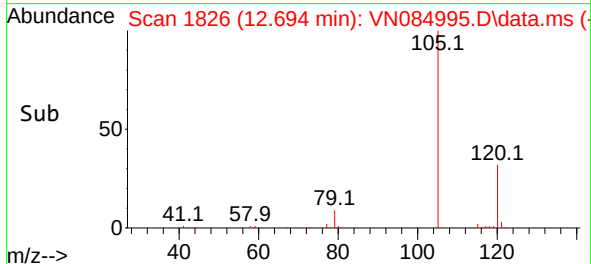
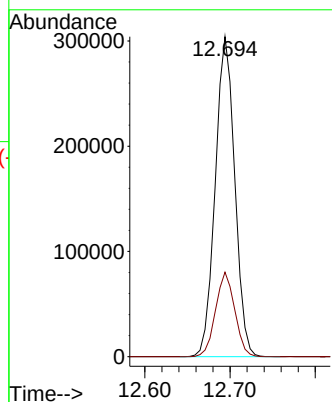
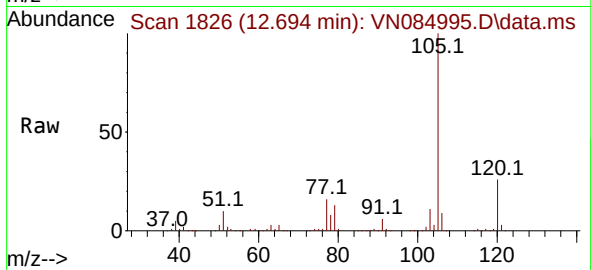
ClientSampleId :

Tgt Ion:105 Resp: 484232

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7



#74

N-ethyl acetate

Concen: 60.892 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Tgt Ion: 43 Resp: 213172

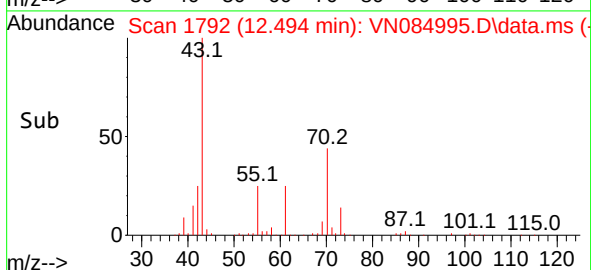
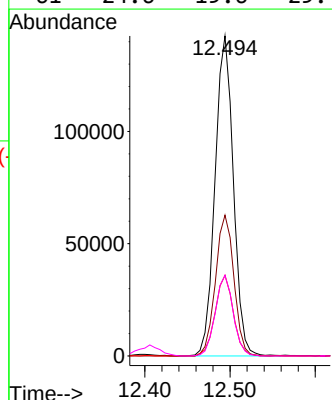
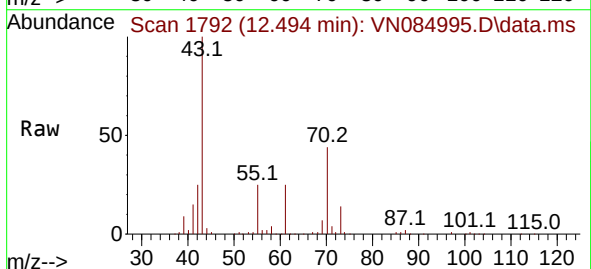
Ion Ratio Lower Upper

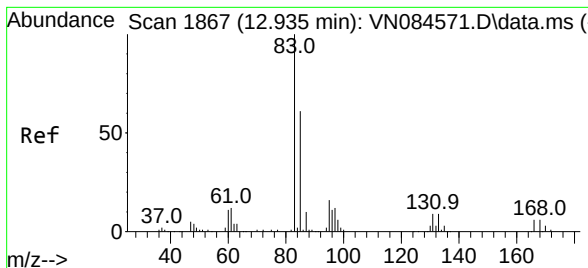
43 100

70 44.2 34.4 51.6

55 25.0 19.6 29.4

61 24.6 19.6 29.4

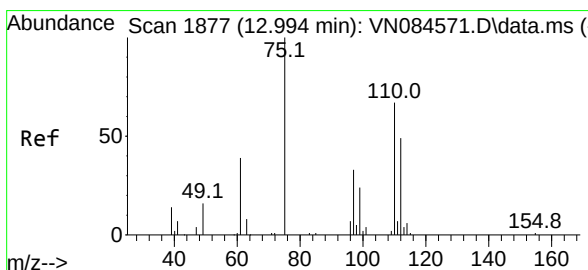
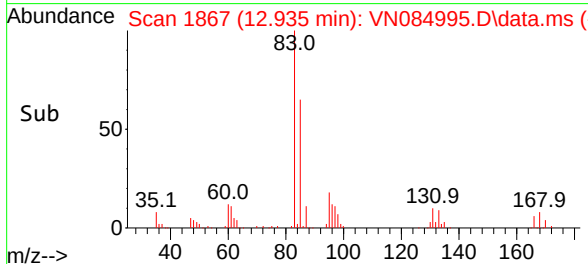
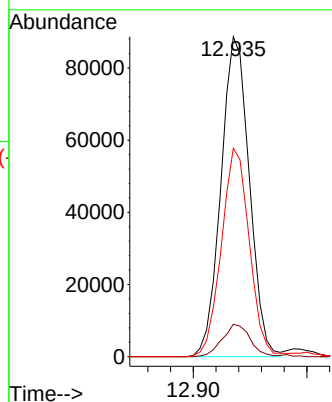
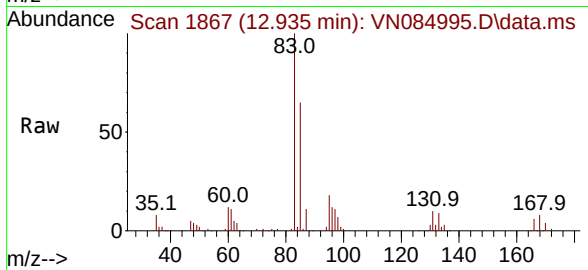




#75
 1,1,2,2-Tetrachloroethane
 Concen: 56.038 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN084995.D
 Acq: 21 Nov 2024 15:22

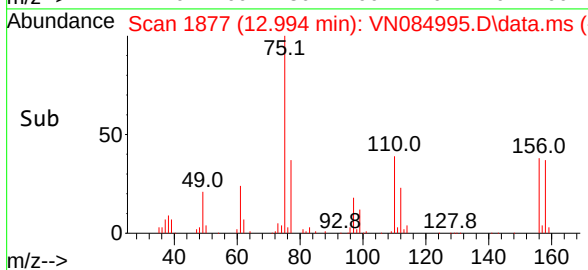
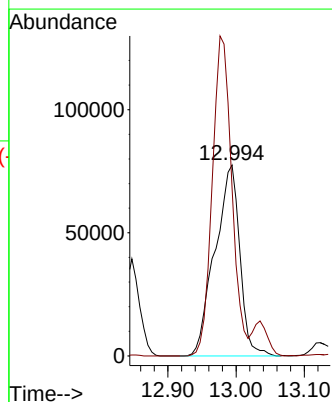
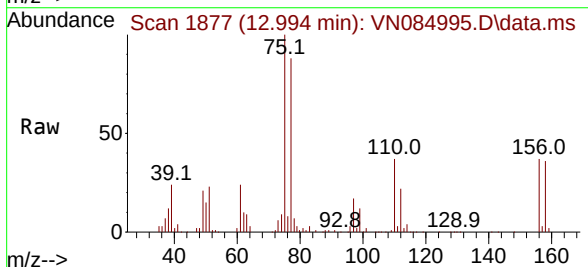
Instrument :
 MSVOA_N
 ClientSampleId :

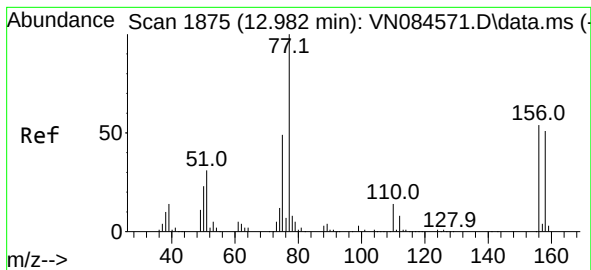
Tgt Ion: 83 Resp: 153851
 Ion Ratio Lower Upper
 83 100
 131 10.2 4.9 14.7
 85 64.2 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 83.812 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN084995.D
 Acq: 21 Nov 2024 15:22

Tgt Ion: 75 Resp: 196642
 Ion Ratio Lower Upper
 75 100
 77 131.8 96.9 290.7





#77

Bromobenzene

Concen: 52.690 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

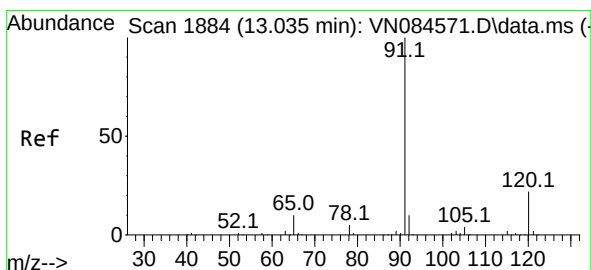
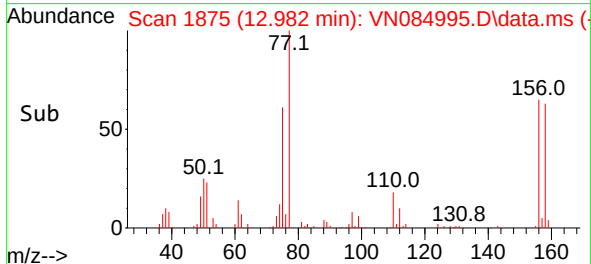
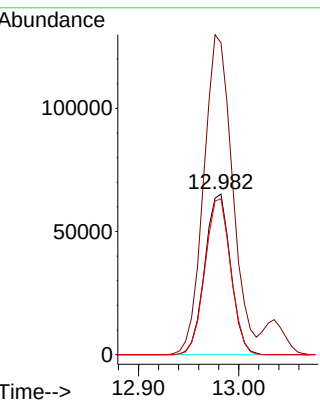
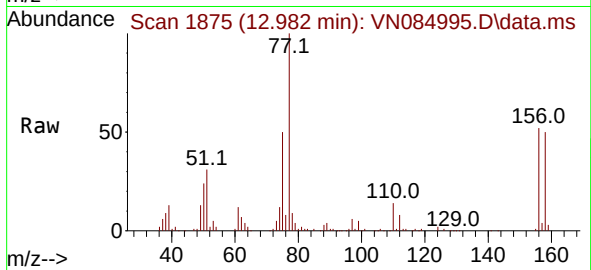
Tgt Ion:156 Resp: 116508

Ion Ratio Lower Upper

156 100

77 222.4 115.1 345.3

158 96.9 48.9 146.8



#78

n-propylbenzene

Concen: 57.860 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084995.D

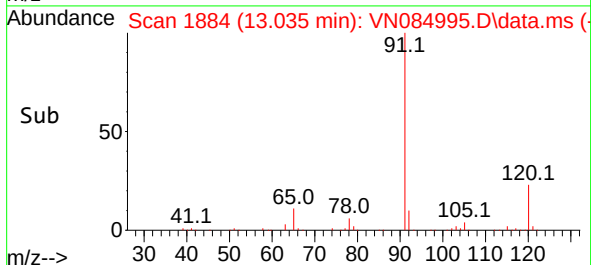
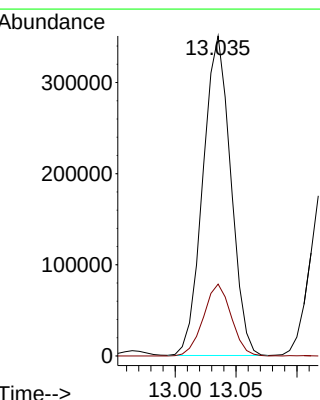
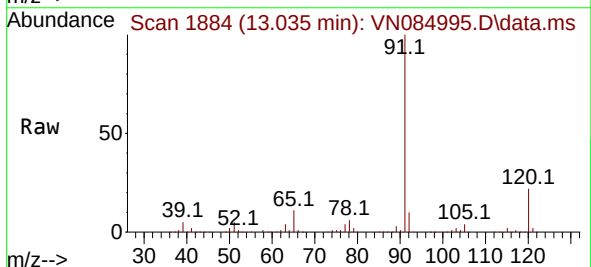
Acq: 21 Nov 2024 15:22

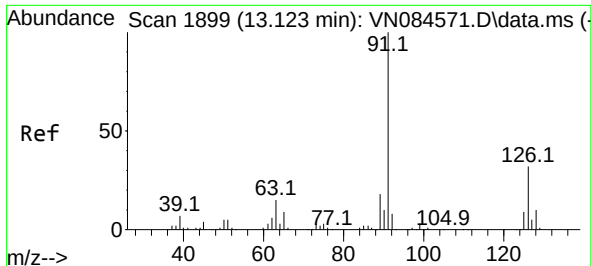
Tgt Ion: 91 Resp: 557690

Ion Ratio Lower Upper

91 100

120 22.4 10.8 32.4





#79

2-Chlorotoluene

Concen: 55.967 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

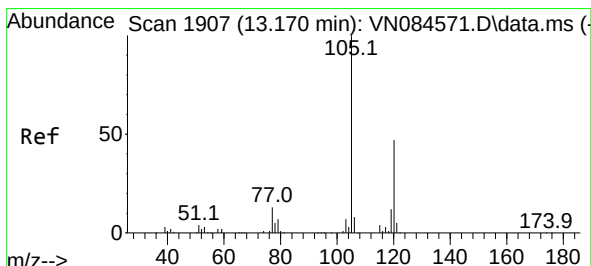
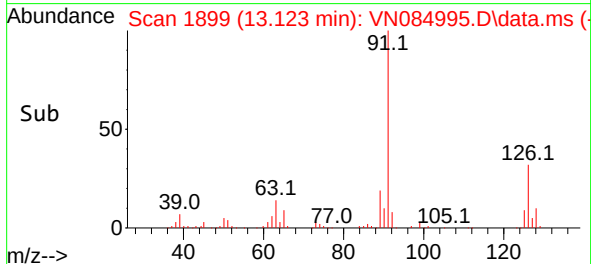
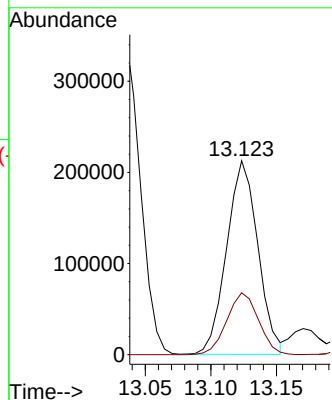
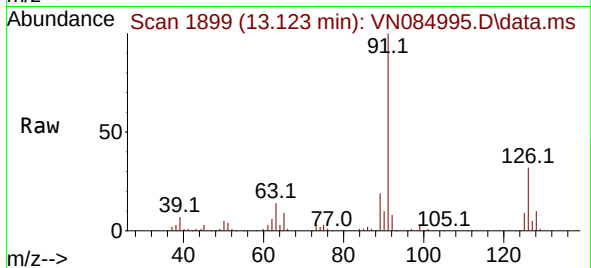
ClientSampleId :

Tgt Ion: 91 Resp: 352474

Ion Ratio Lower Upper

91 100

126 32.5 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 60.216 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084995.D

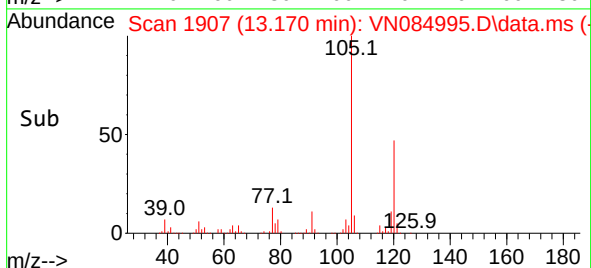
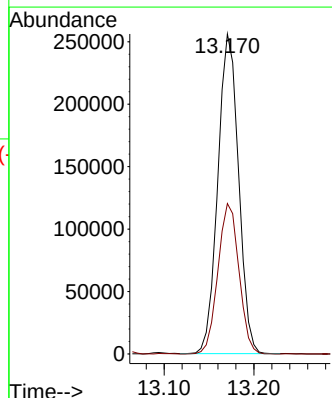
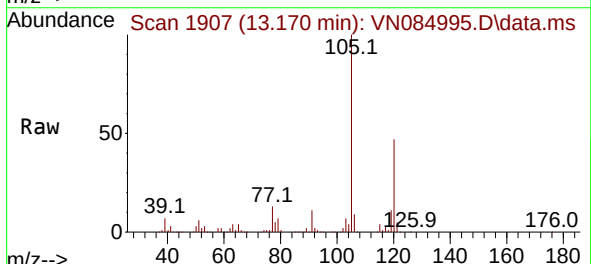
Acq: 21 Nov 2024 15:22

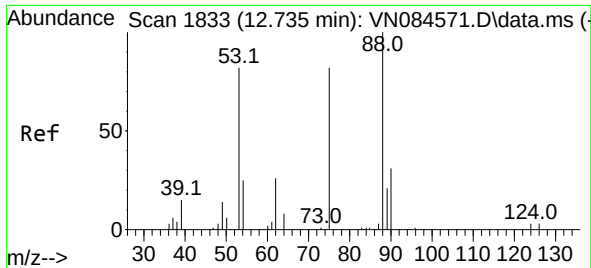
Tgt Ion:105 Resp: 410507

Ion Ratio Lower Upper

105 100

120 47.7 23.7 71.1

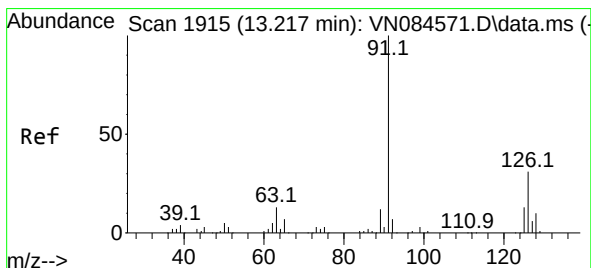
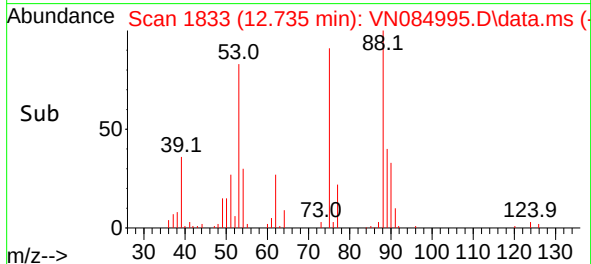
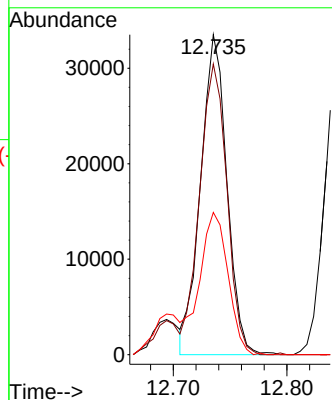
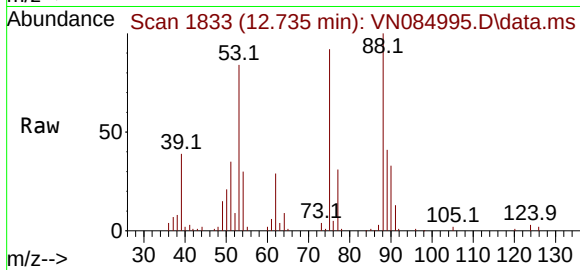




#81
trans-1,4-Dichloro-2-butene
Concen: 54.627 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

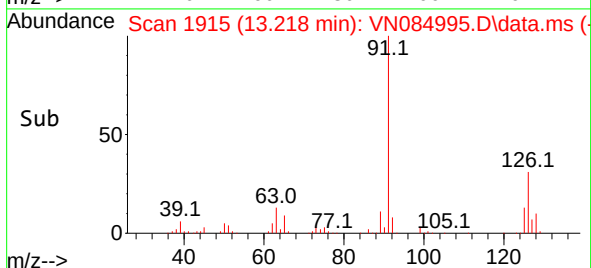
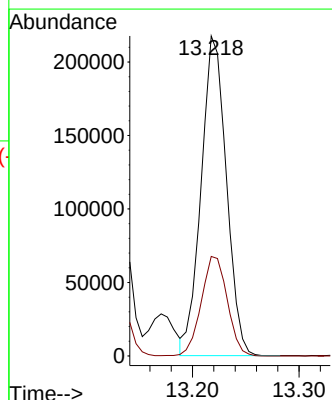
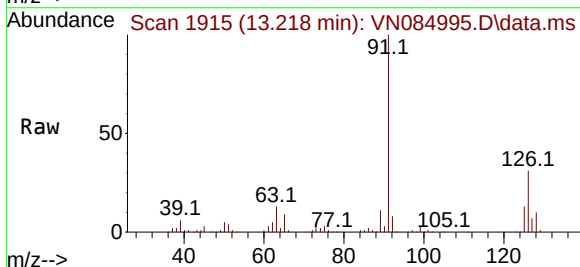
Instrument :
MSVOA_N
ClientSampleId :

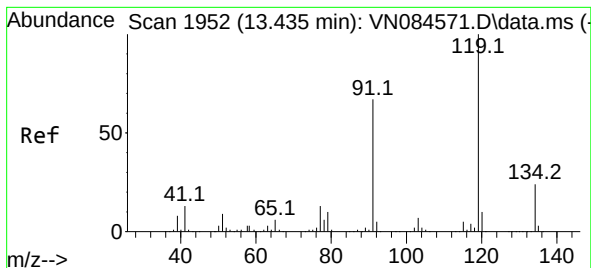
Tgt Ion: 75 Resp: 54024
Ion Ratio Lower Upper
75 100
53 94.1 78.0 117.0
89 48.5 35.5 53.3



#82
4-Chlorotoluene
Concen: 53.985 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084995.D
Acq: 21 Nov 2024 15:22

Tgt Ion: 91 Resp: 357810
Ion Ratio Lower Upper
91 100
126 32.2 15.7 47.1





#83

tert-Butylbenzene

Concen: 63.404 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

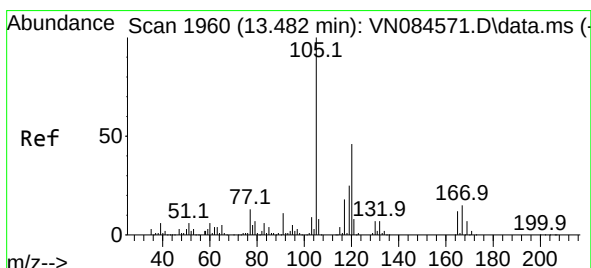
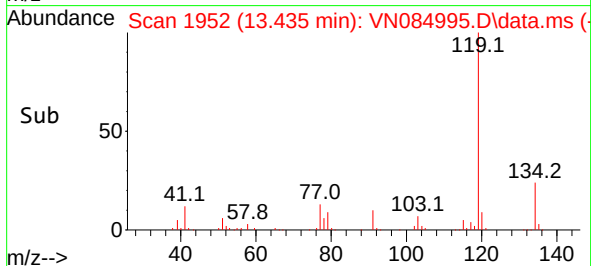
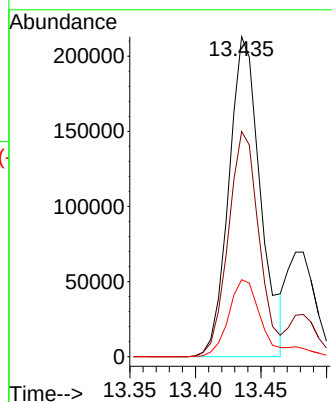
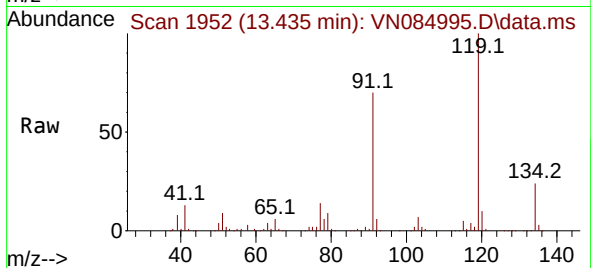
Tgt Ion:119 Resp: 357726

Ion Ratio Lower Upper

119 100

91 68.5 34.1 102.3

134 26.2 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 60.320 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084995.D

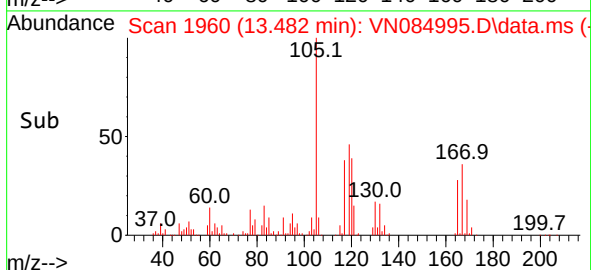
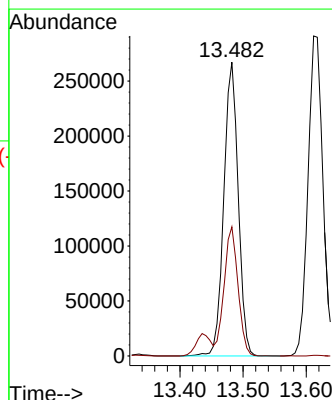
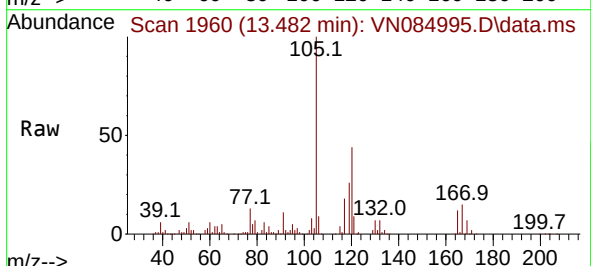
Acq: 21 Nov 2024 15:22

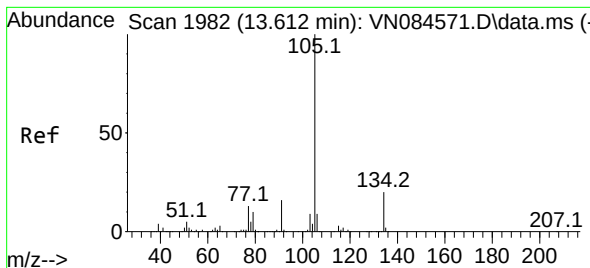
Tgt Ion:105 Resp: 424415

Ion Ratio Lower Upper

105 100

120 42.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 59.647 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

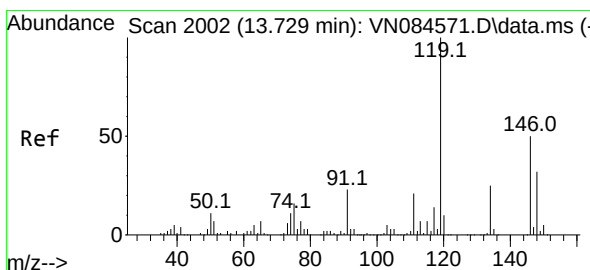
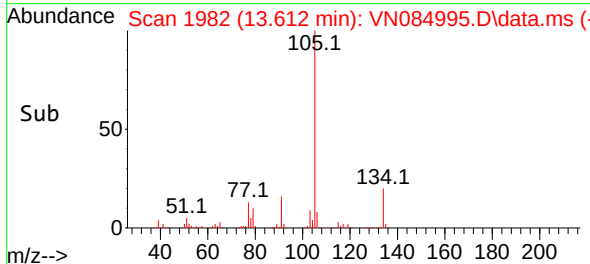
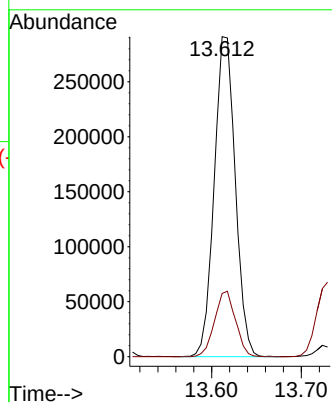
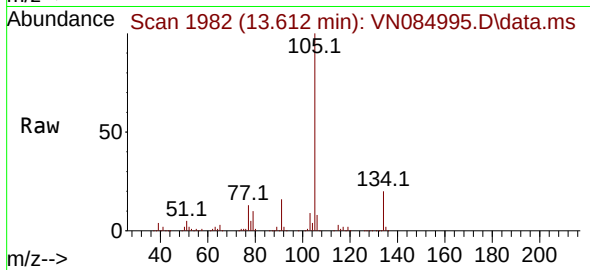
ClientSampleId :

Tgt Ion:105 Resp: 475373

Ion Ratio Lower Upper

105 100

134 20.3 9.8 29.4



#86

p-Isopropyltoluene

Concen: 62.125 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

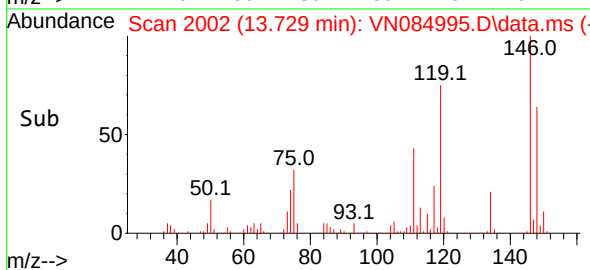
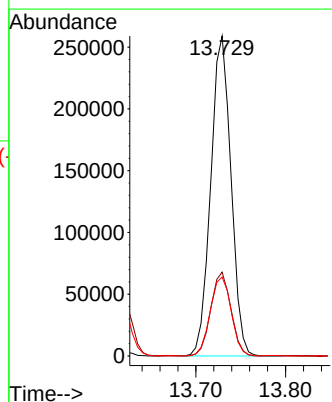
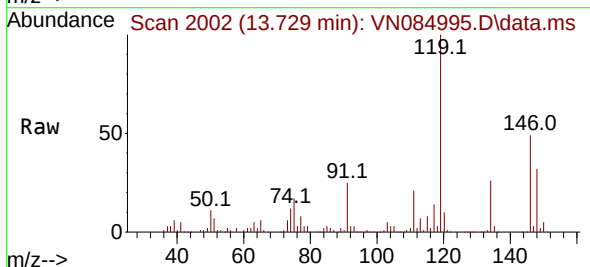
Tgt Ion:119 Resp: 406059

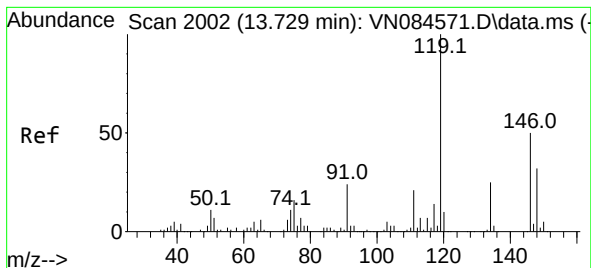
Ion Ratio Lower Upper

119 100

134 26.1 12.6 37.8

91 25.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 51.184 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

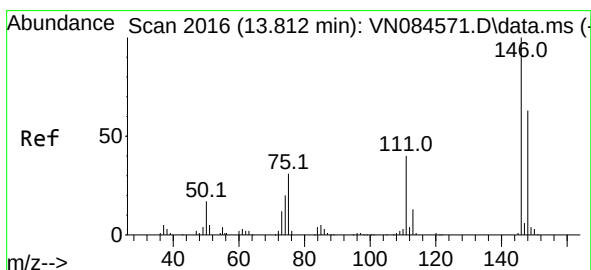
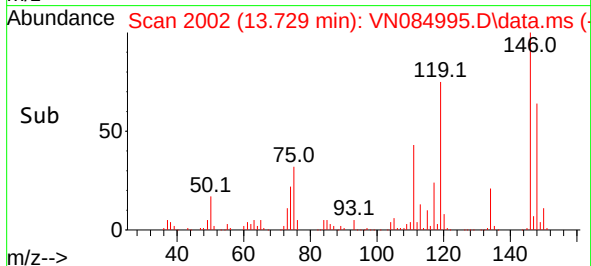
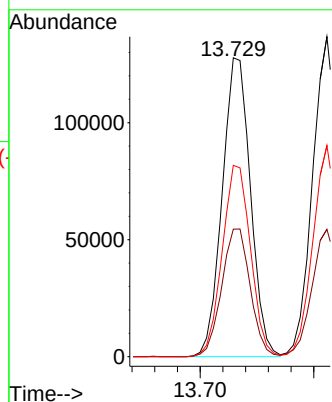
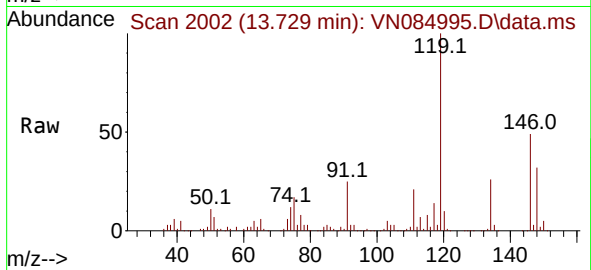
Tgt Ion:146 Resp: 220876

Ion Ratio Lower Upper

146 100

111 43.1 21.8 65.3

148 64.2 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 56.735 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

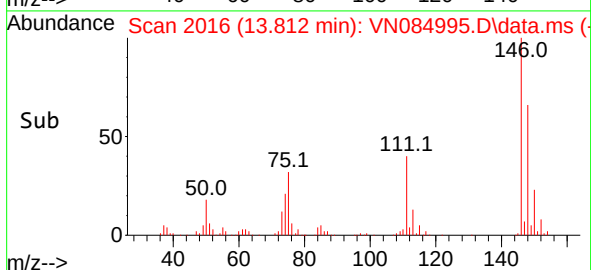
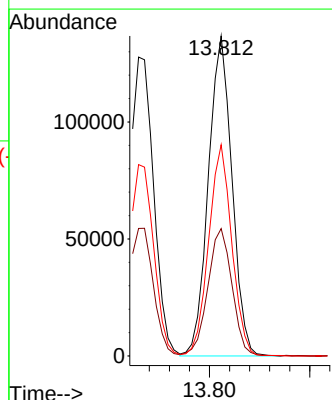
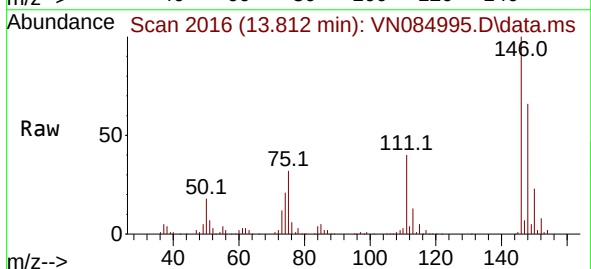
Tgt Ion:146 Resp: 223550

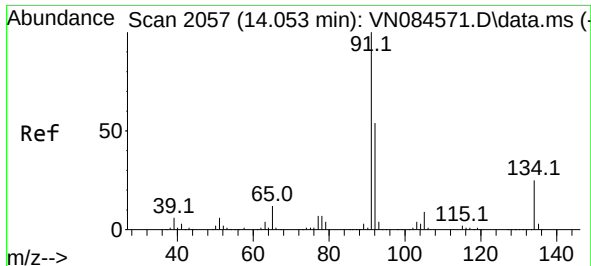
Ion Ratio Lower Upper

146 100

111 40.7 21.2 63.6

148 64.7 31.9 95.9





#89

n-Butylbenzene

Concen: 57.397 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

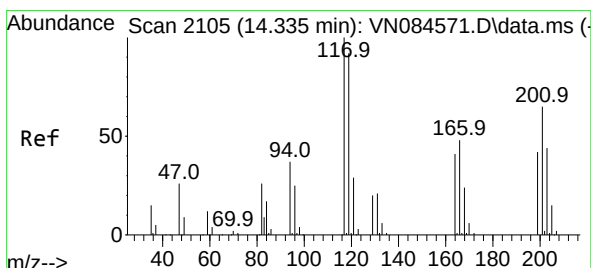
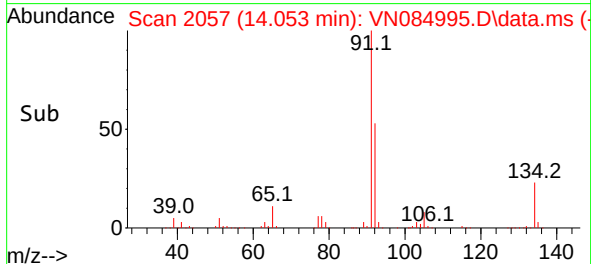
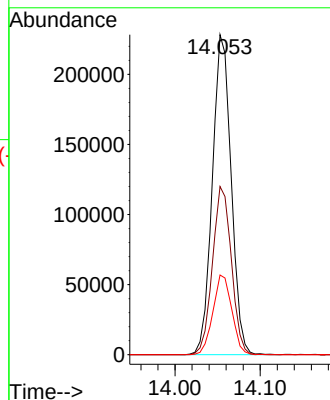
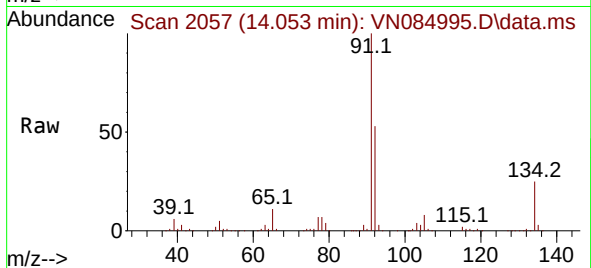
Tgt Ion: 91 Resp: 350931

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.7

134 25.0 12.3 36.9



#90

Hexachloroethane

Concen: 53.039 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN084995.D

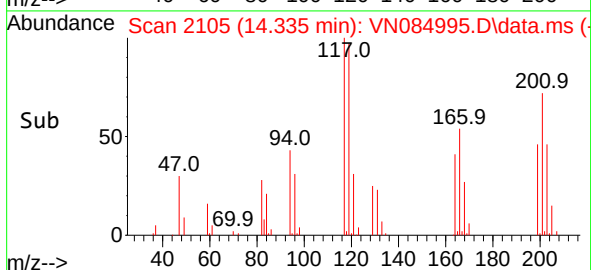
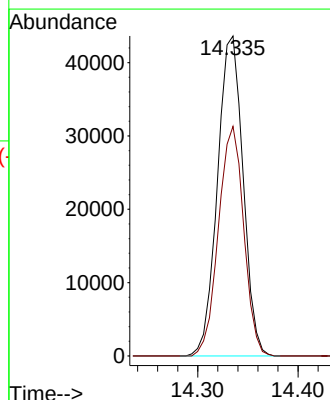
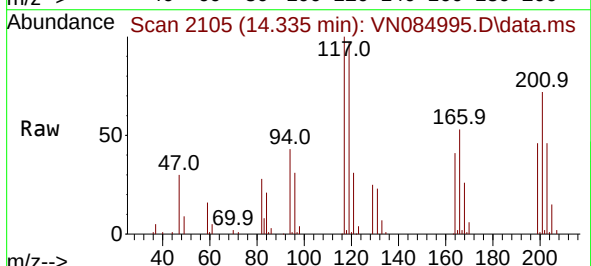
Acq: 21 Nov 2024 15:22

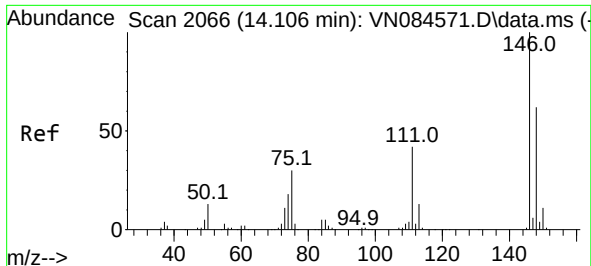
Tgt Ion: 117 Resp: 77311

Ion Ratio Lower Upper

117 100

201 70.7 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 53.489 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

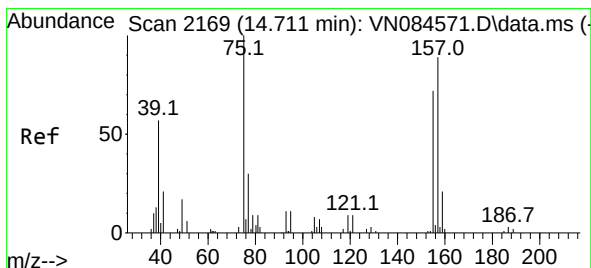
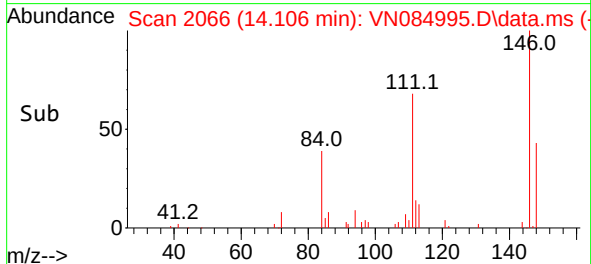
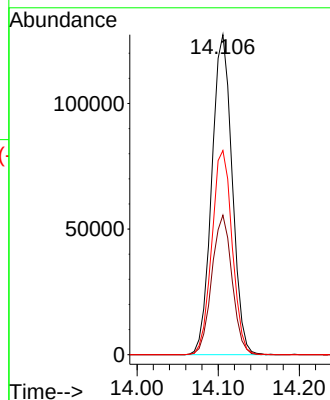
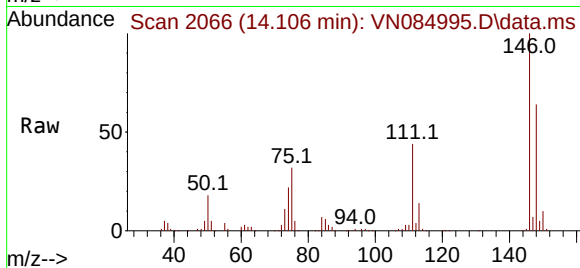
Tgt Ion:146 Resp: 221803

Ion Ratio Lower Upper

146 100

111 43.4 22.0 66.0

148 63.8 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.923 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

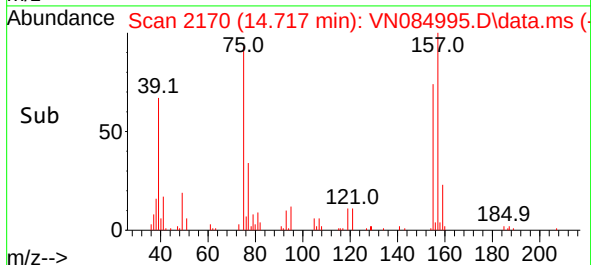
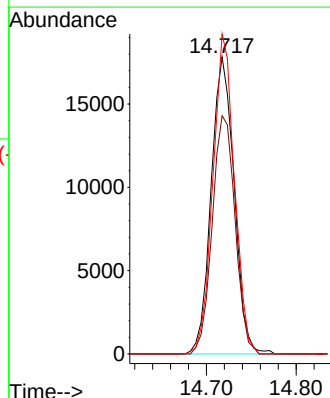
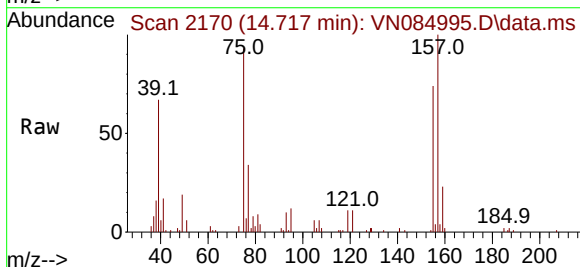
Tgt Ion: 75 Resp: 31660

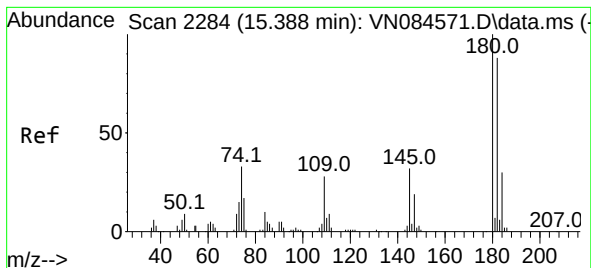
Ion Ratio Lower Upper

75 100

155 79.7 38.1 114.5

157 100.7 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 53.417 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

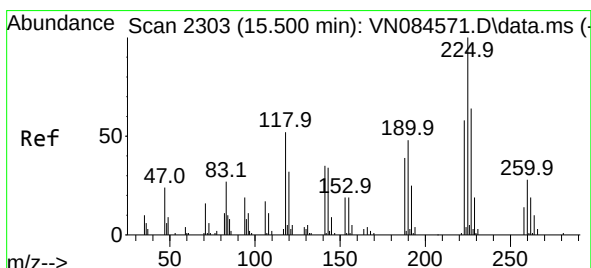
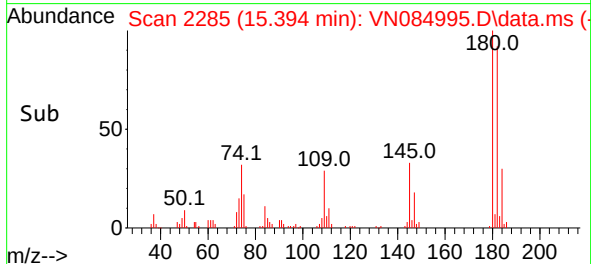
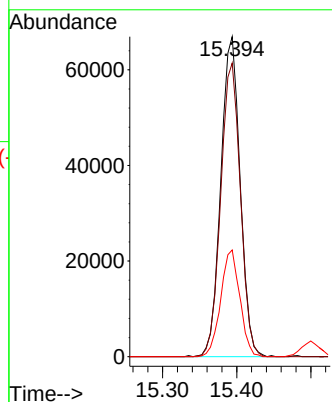
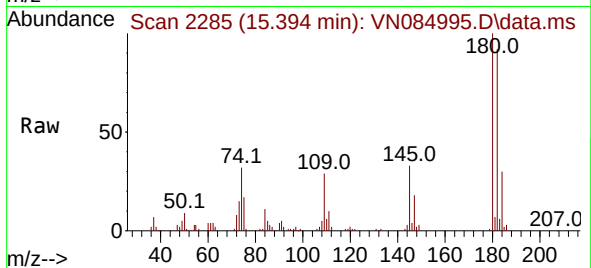
Tgt Ion:180 Resp: 121241

Ion Ratio Lower Upper

180 100

182 93.3 47.0 141.0

145 33.0 16.4 49.4



#94

Hexachlorobutadiene

Concen: 55.259 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

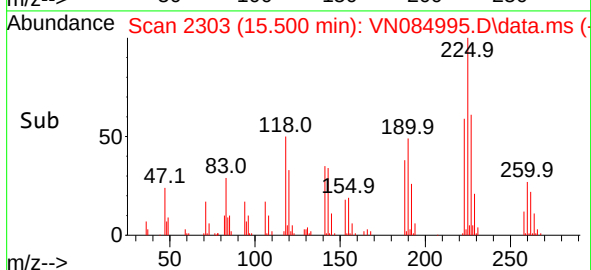
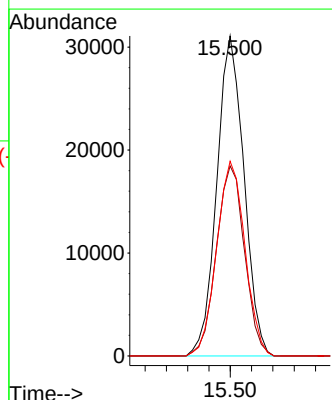
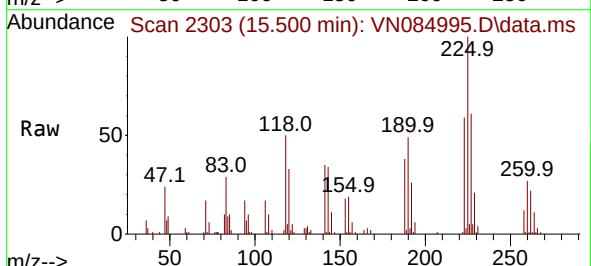
Tgt Ion:225 Resp: 55078

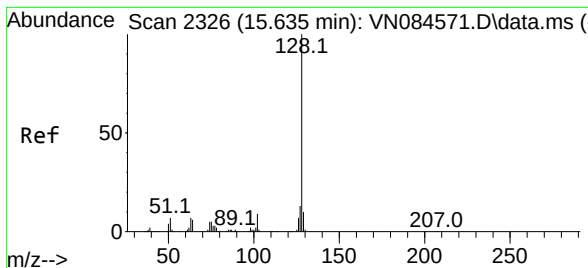
Ion Ratio Lower Upper

225 100

223 61.5 32.4 97.2

227 63.4 32.4 97.0





#95

Naphthalene

Concen: 56.918 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Instrument :

MSVOA_N

ClientSampleId :

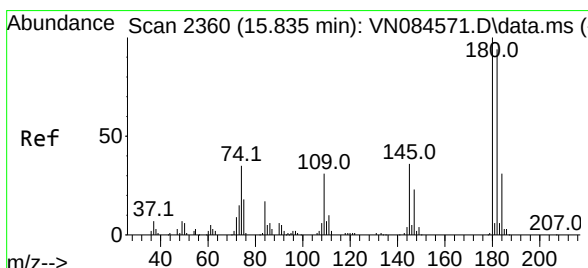
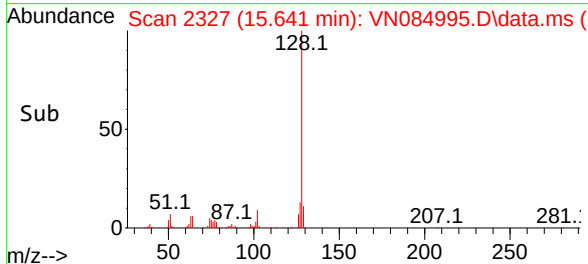
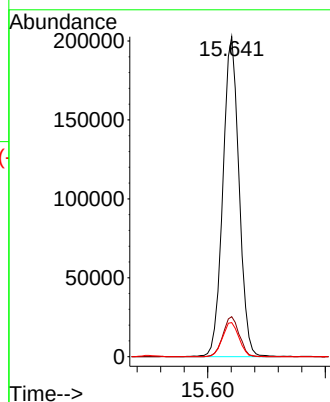
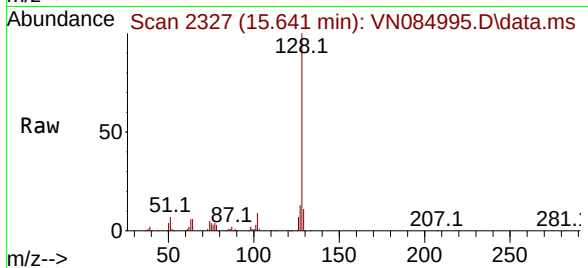
Tgt Ion:128 Resp: 386679

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 53.096 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084995.D

Acq: 21 Nov 2024 15:22

Tgt Ion:180 Resp: 116984

Ion Ratio Lower Upper

180 100

182 95.7 48.2 144.6

145 34.2 17.3 51.9

