

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
 Data File : VN084925.D
 Acq On : 18 Nov 2024 17:16
 Operator : JC\MD
 Sample : P4871-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 19 00:31:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	212261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	374690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	341618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	177257	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149674	48.821	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.640%
35) Dibromofluoromethane	8.165	113	117854	46.469	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.940%
50) Toluene-d8	10.565	98	445027	47.634	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.260%
62) 4-Bromofluorobenzene	12.847	95	195083	55.872	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	111.740%

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	1123	Below Cal		90
4) Vinyl Chloride	2.512	62	32942	12.552	ug/l	98
5) Bromomethane	2.895	94	490	0.352	ug/l	95
6) Chloroethane	3.183	64	216	Below Cal	#	45
11) Tert butyl alcohol	5.524	59	542	1.339	ug/l #	73
12) 1,1-Dichloroethene	4.324	96	3118	1.290	ug/l #	81
14) Allyl chloride	4.947	41	1010	0.258	ug/l #	21
16) Acetone	4.442	43	14443	13.612	ug/l	97
18) Methyl Acetate	5.030	43	2756	Below Cal	#	80
19) Methyl tert-butyl Ether	5.800	73	68523	9.249	ug/l #	83
21) trans-1,2-Dichloroethene	5.765	96	4906	1.977	ug/l #	86
24) 1,1-Dichloroethane	6.565	63	6719	1.437	ug/l #	93
25) 2-Butanone	7.477	43	7027	4.913	ug/l #	1
27) cis-1,2-Dichloroethene	7.483	96	1746519	602.627	ug/l	88
30) Chloroform	7.965	83	1373	0.288	ug/l	90
31) Cyclohexane	8.247	56	22639	5.349	ug/l	97
36) 1,1-Dichloropropene	8.218	75	17749	5.046	ug/l #	52
37) Ethyl Acetate	7.477	43	7027	2.202	ug/l #	1
38) Carbon Tetrachloride	8.224	117	23646	6.014	ug/l #	15
39) Methylcyclohexane	9.594	83	33130	9.259	ug/l	98
40) Benzene	8.606	78	211902	18.759	ug/l	98
43) Isopropyl Acetate	8.688	43	14918	1.596	ug/l #	62
44) Trichloroethene	9.347	130	563236	216.202	ug/l	97
48) Methyl methacrylate	9.600	41	18394	7.406	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	2576	0.847	ug/l	91
52) Toluene	10.629	92	178267	26.984	ug/l	100
55) 1,1,2-Trichloroethane	11.006	97	8210	3.299	ug/l #	29
56) Ethyl methacrylate	10.871	69	827	0.230	ug/l #	43
59) 2-Hexanone	11.053	43	1222	0.552	ug/l	94
60) Dibromochloromethane	11.106	129	5972091	2105.651	ug/l #	11
64) Tetrachloroethene	11.106	164	5606627	2467.354	ug/l	95
65) Chlorobenzene	11.888	112	1649	0.216	ug/l	100
67) Ethyl Benzene	11.965	91	116030	9.095	ug/l	98
68) m/p-Xylenes	12.065	106	511993	106.009	ug/l	100
69) o-Xylene	12.394	106	234408	51.882	ug/l	97
70) Styrene	12.394	104	13239	1.680	ug/l #	1

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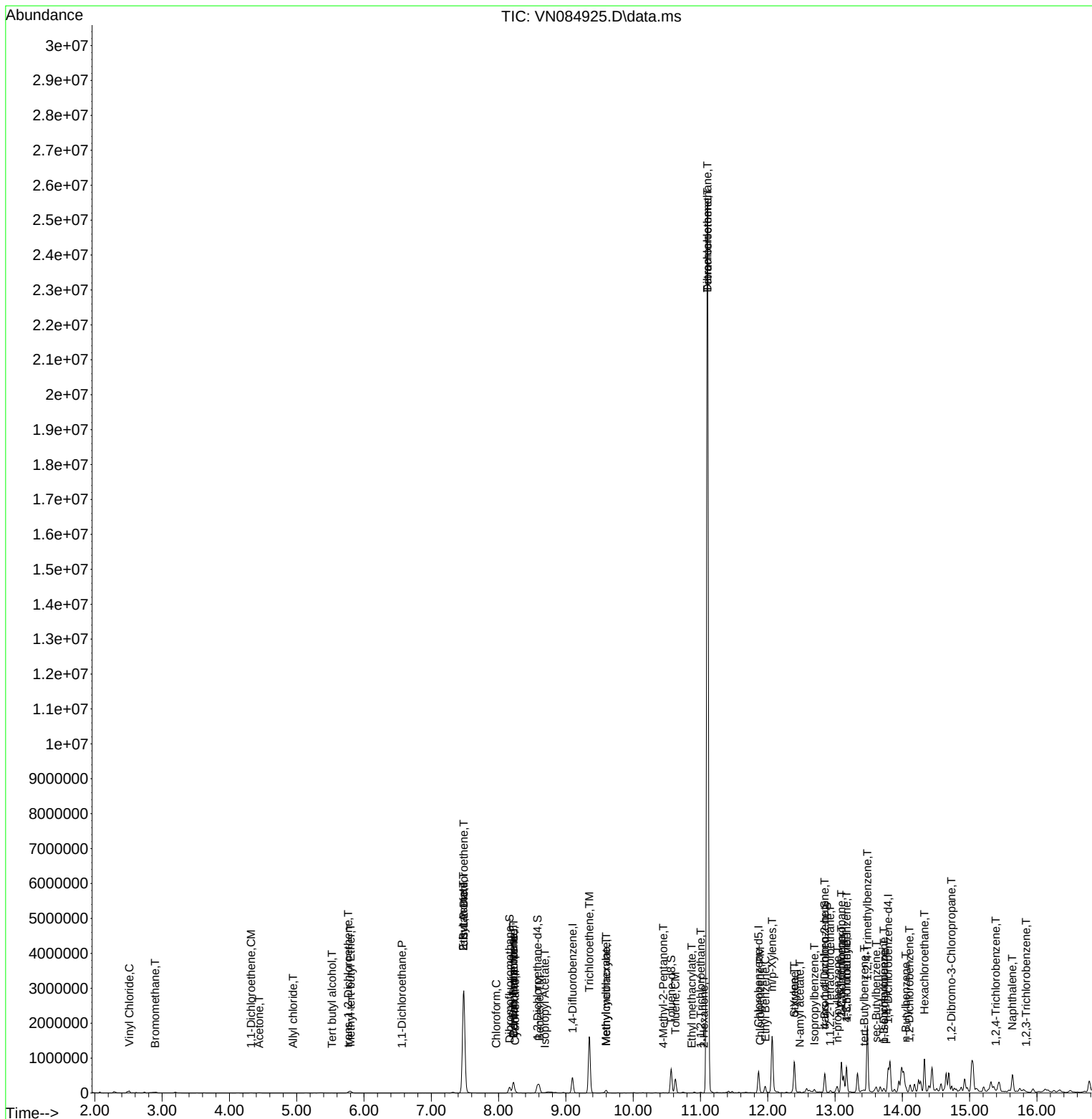
Quant Time: Nov 19 00:31:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

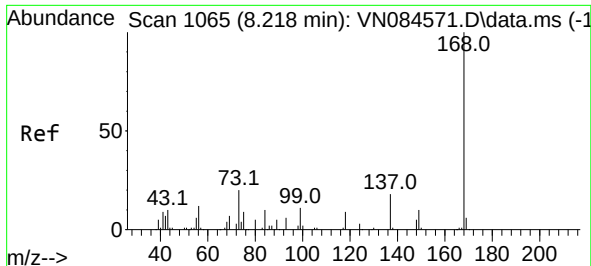
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

73) Isopropylbenzene	12.694	105	50888	4.097	ug/l	97
74) N-amyl acetate	12.476	43	5789	1.095	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.929	83	2033	0.490	ug/l #	78
76) 1,2,3-Trichloropropane	13.094	75	5383	1.519	ug/l #	1
78) n-propylbenzene	13.035	91	105055	7.217	ug/l	98
79) 2-Chlorotoluene	13.094	91	66984	7.043	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.171	105	369828	35.922	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.847	75	99278	66.471	ug/l #	11
82) 4-Chlorotoluene	13.171	91	38673	3.864	ug/l #	44
83) tert-Butylbenzene	13.435	119	17890	2.100	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	1117778	105.195	ug/l	99
85) sec-Butylbenzene	13.612	105	84257	7.000	ug/l #	73
86) p-Isopropyltoluene	13.729	119	53322	5.402	ug/l	99
87) 1,3-Dichlorobenzene	13.723	146	1328	0.204	ug/l #	1
88) 1,4-Dichlorobenzene	13.806	146	2354	Below Cal	#	1
89) n-Butylbenzene	14.053	91	68038	7.369	ug/l #	81
90) Hexachloroethane	14.329	117	47615	21.630	ug/l #	15
91) 1,2-Dichlorobenzene	14.106	146	3982	0.636	ug/l #	68
92) 1,2-Dibromo-3-Chloropr...	14.729	75	799	0.951	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.388	180	2115	0.617	ug/l #	1
95) Naphthalene	15.635	128	470689	45.877	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	1582	0.475	ug/l #	70

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

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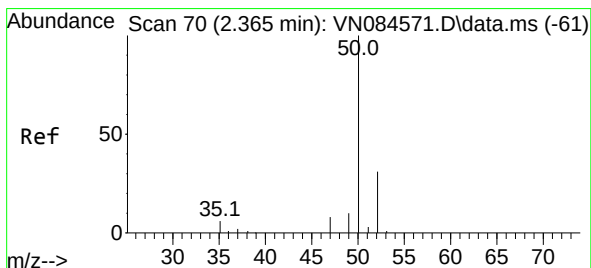
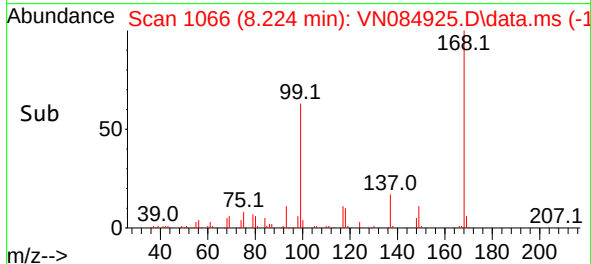
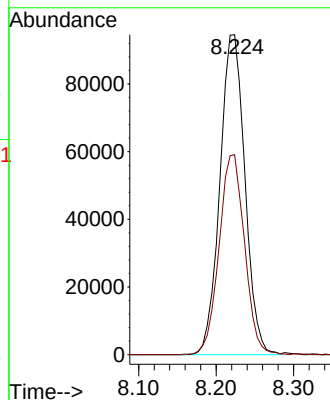
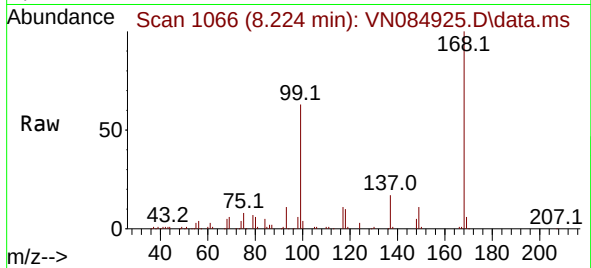




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
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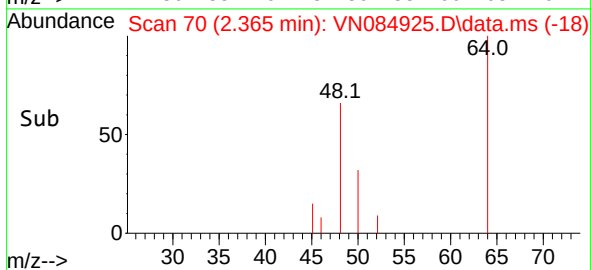
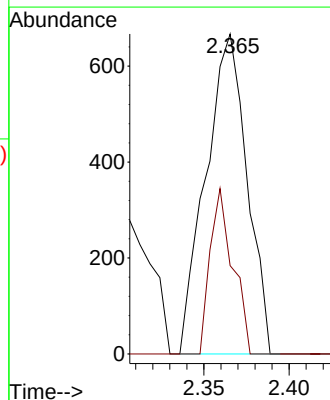
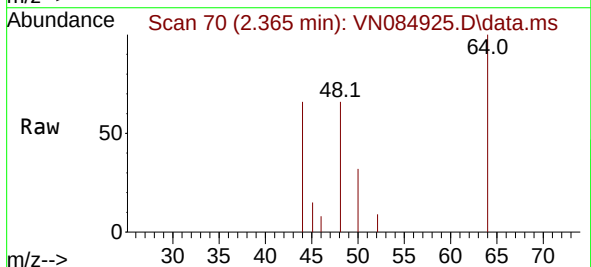
Instrument :
MSVOA_N
ClientSampleId :

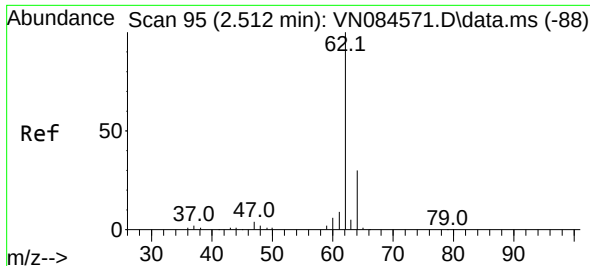
Tgt Ion:168 Resp: 212261
Ion Ratio Lower Upper
168 100
99 62.5 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

Tgt Ion: 50 Resp: 1123
Ion Ratio Lower Upper
50 100
52 27.6 26.8 40.2

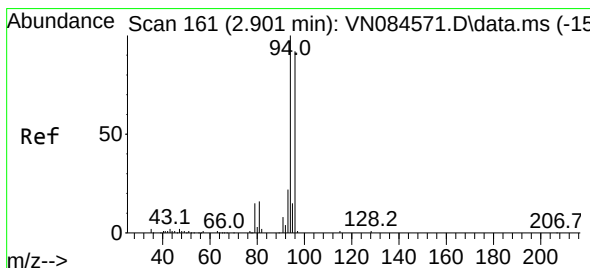
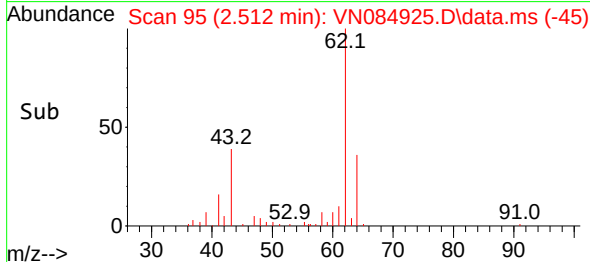
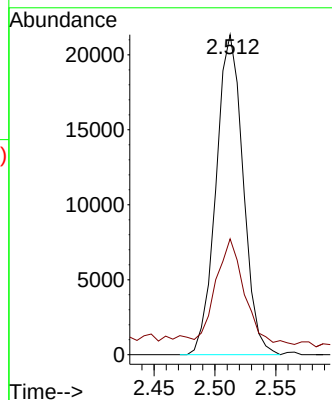
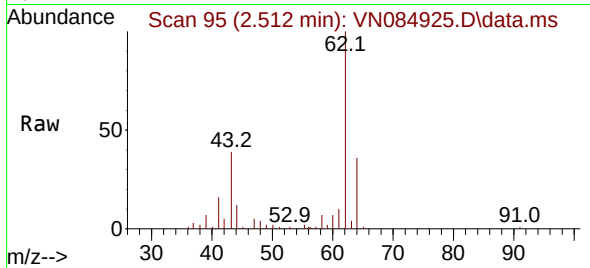




#4
 Vinyl Chloride
 Concen: 12.552 ug/l
 RT: 2.512 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN084925.D
 Acq: 18 Nov 2024 17:16

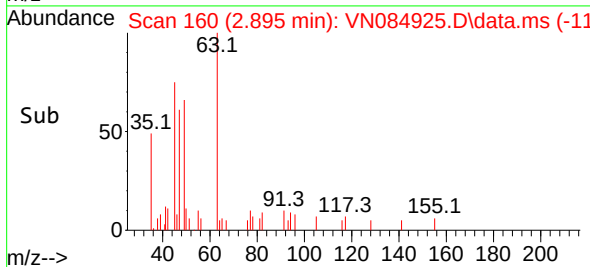
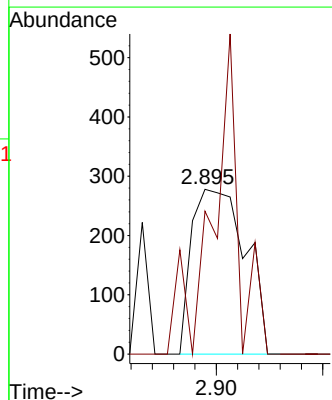
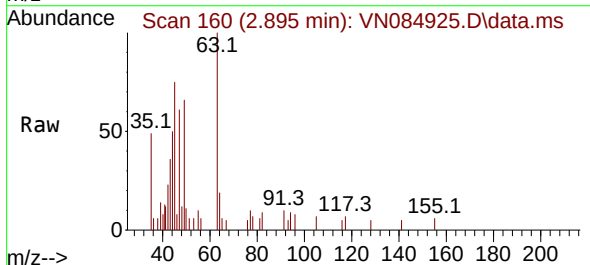
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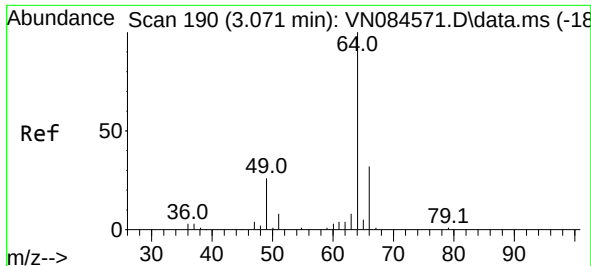
Tgt Ion: 62 Resp: 32942
 Ion Ratio Lower Upper
 62 100
 64 31.8 26.2 39.4



#5
 Bromomethane
 Concen: 0.352 ug/l
 RT: 2.895 min Scan# 160
 Delta R.T. -0.058 min
 Lab File: VN084925.D
 Acq: 18 Nov 2024 17:16

Tgt Ion: 94 Resp: 490
 Ion Ratio Lower Upper
 94 100
 96 86.7 72.9 109.3

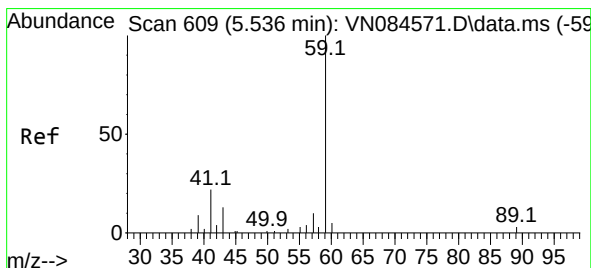
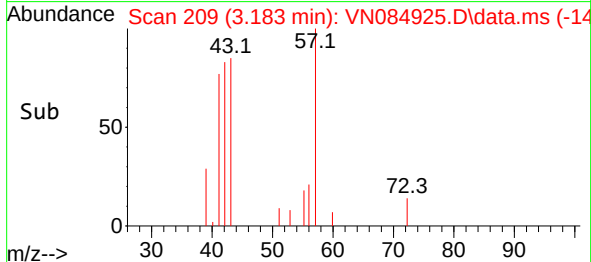
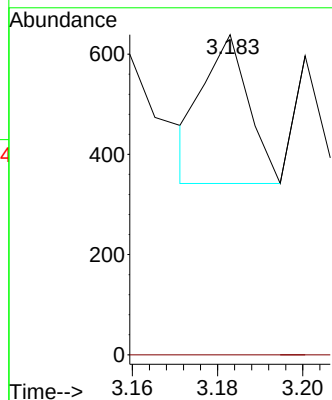
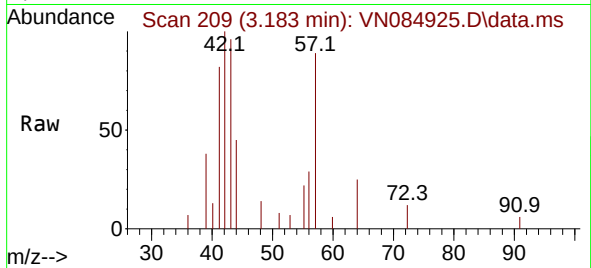




#6
Chloroethane
Concen: Below Cal
RT: 3.183 min Scan# 209
Delta R.T. 0.065 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

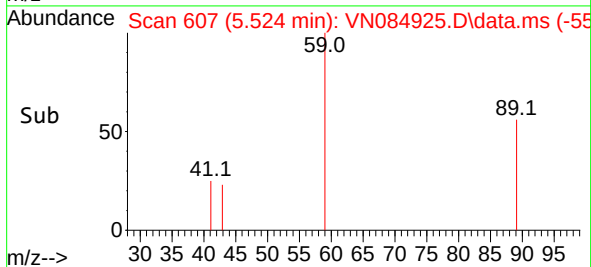
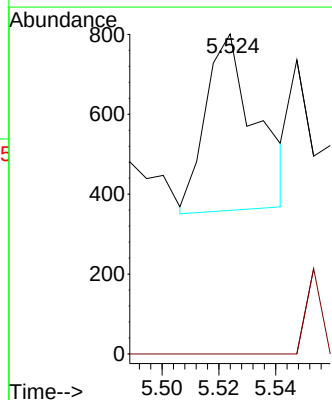
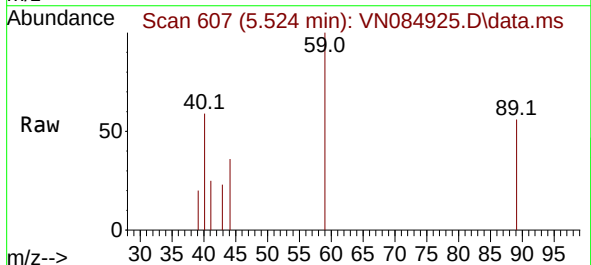
Instrument :
MSVOA_N
ClientSampleId :

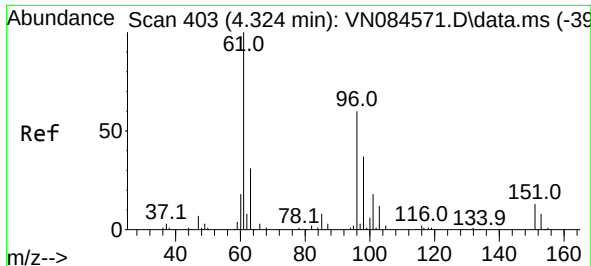
Tgt Ion: 64 Resp: 216
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 1.339 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

Tgt Ion: 59 Resp: 542
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#12

1,1-Dichloroethene

Concen: 1.290 ug/l

RT: 4.324 min Scan# 403

Delta R.T. -0.018 min

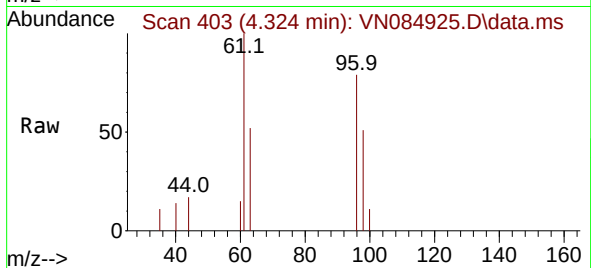
Lab File: VN084925.D

Acq: 18 Nov 2024 17:16

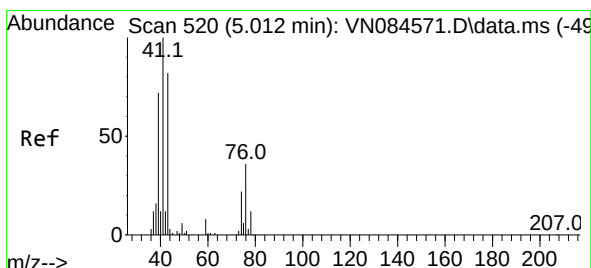
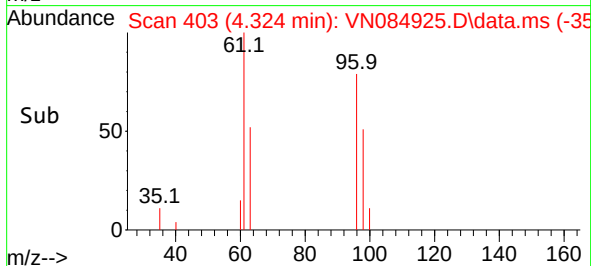
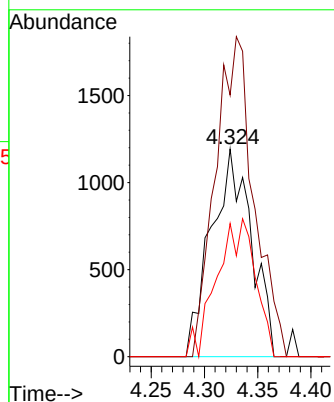
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 96	Resp: 3118
Ion Ratio	Lower Upper
96	100
61	126.0 128.6 192.8#
98	64.1 51.7 77.5



#14

Allyl chloride

Concen: 0.258 ug/l

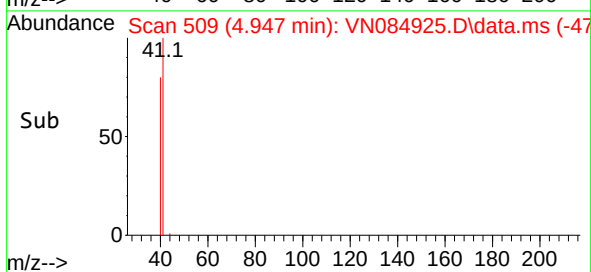
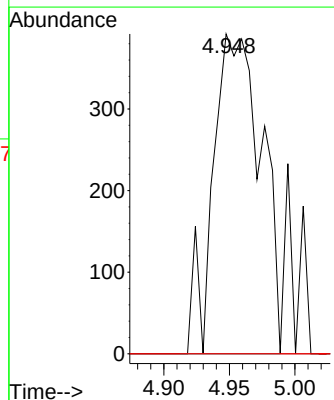
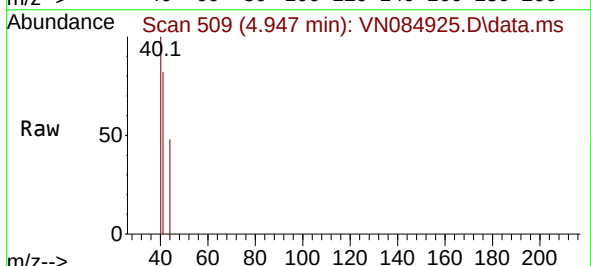
RT: 4.947 min Scan# 509

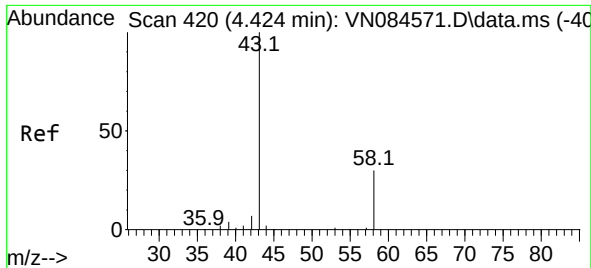
Delta R.T. -0.077 min

Lab File: VN084925.D

Acq: 18 Nov 2024 17:16

Tgt Ion: 41	Resp: 1010
Ion Ratio	Lower Upper
41	100
39	0.0 59.0 88.6#
76	0.0 29.8 44.6#

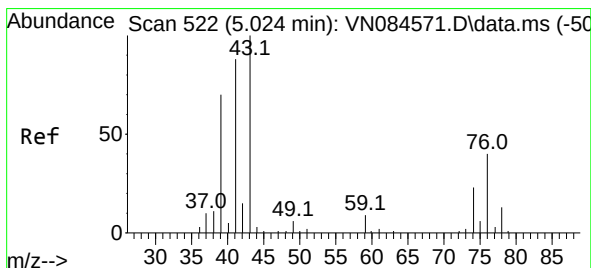
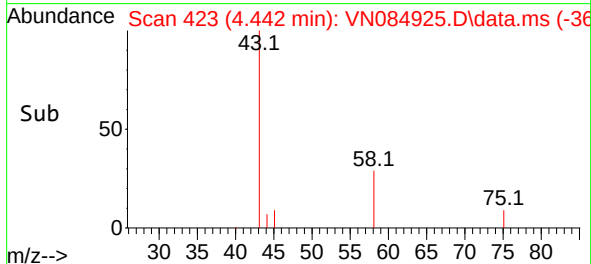
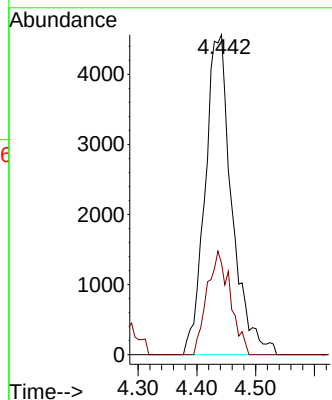
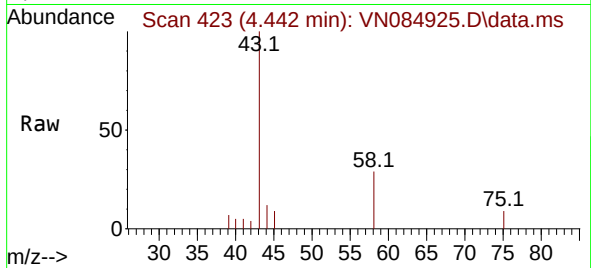




#16
Acetone
Concen: 13.612 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

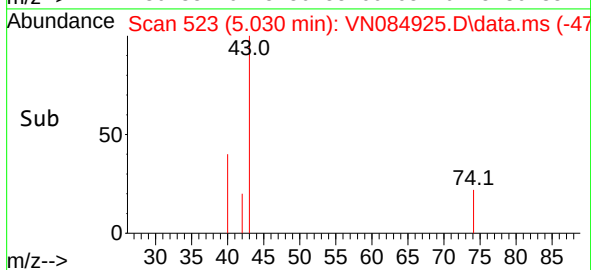
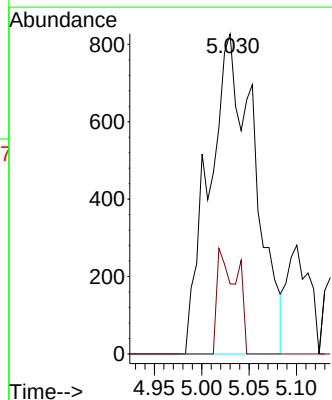
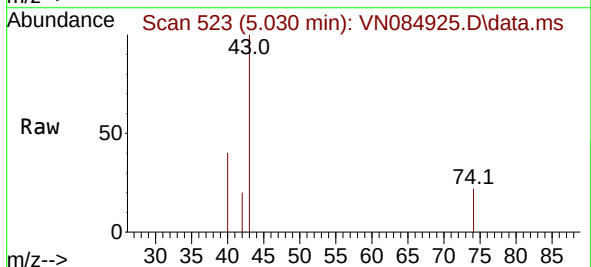
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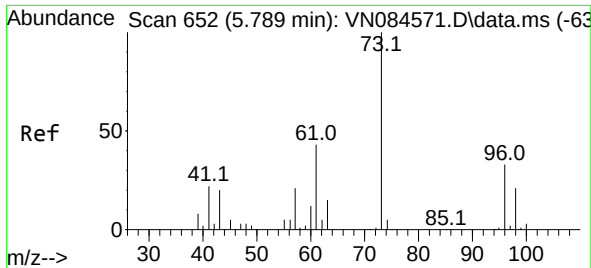
Tgt Ion: 43 Resp: 14443
Ion Ratio Lower Upper
43 100
58 28.6 24.4 36.6



#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

Tgt Ion: 43 Resp: 2756
Ion Ratio Lower Upper
43 100
74 14.2 19.2 28.8#

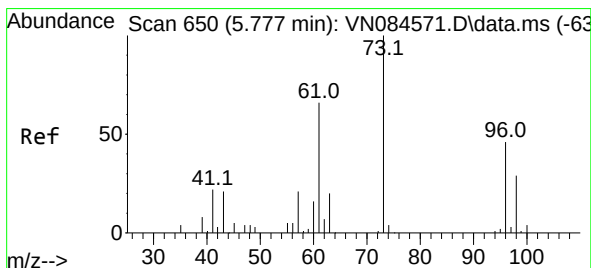
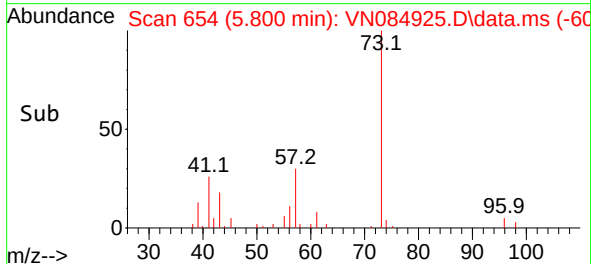
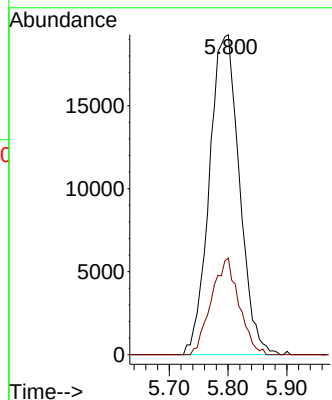
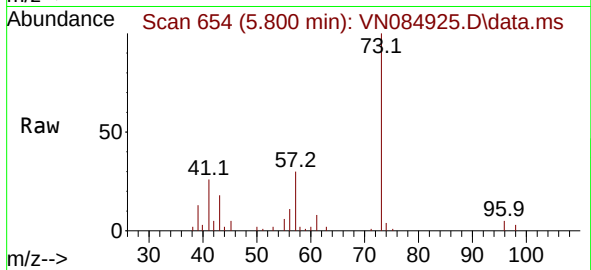




#19
Methyl tert-butyl Ether
Concen: 9.249 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

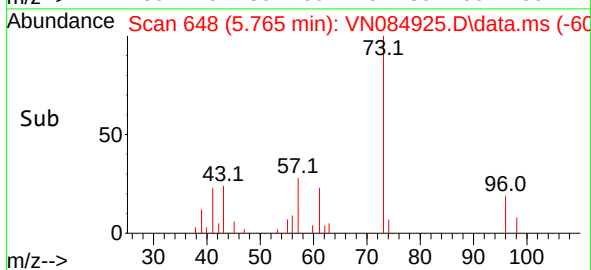
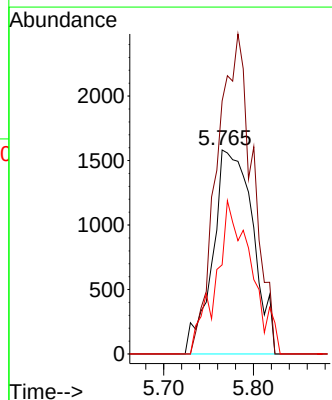
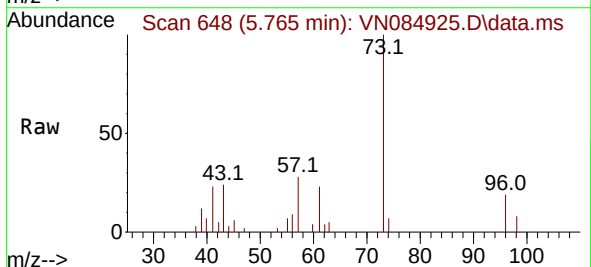
Instrument :
MSVOA_N
ClientSampleId :

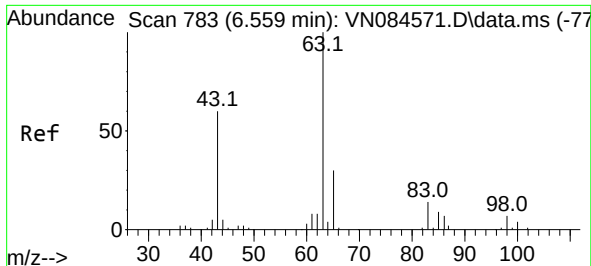
Tgt Ion: 73 Resp: 68523
Ion Ratio Lower Upper
73 100
57 30.2 17.7 26.5#



#21
trans-1,2-Dichloroethene
Concen: 1.977 ug/l
RT: 5.765 min Scan# 648
Delta R.T. -0.023 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

Tgt Ion: 96 Resp: 4906
Ion Ratio Lower Upper
96 100
61 124.0 108.4 162.6
98 43.7 49.8 74.8#

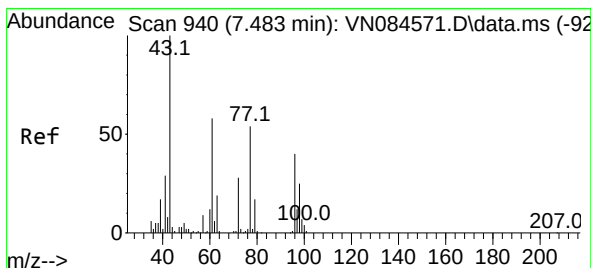
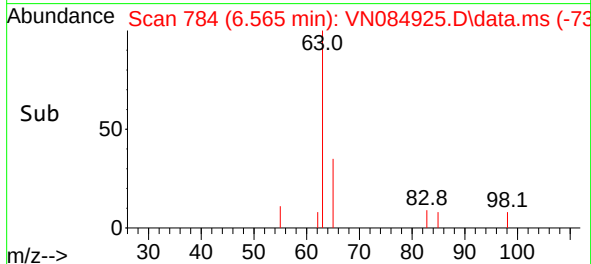
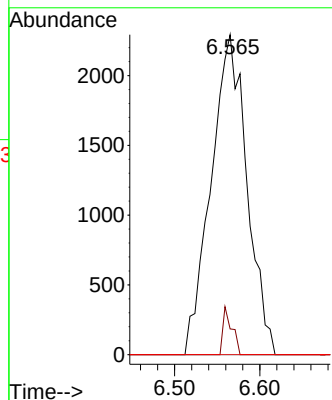
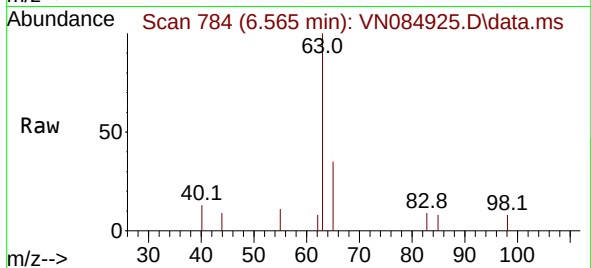




#24
1,1-Dichloroethane
Concen: 1.437 ug/l
RT: 6.565 min Scan# 719
Delta R.T. -0.006 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

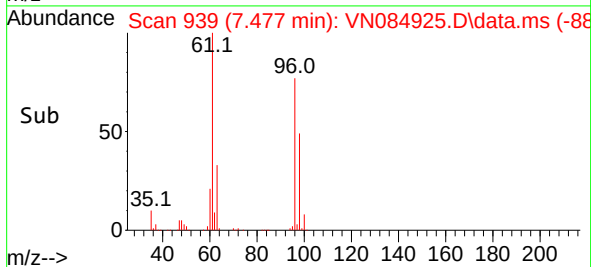
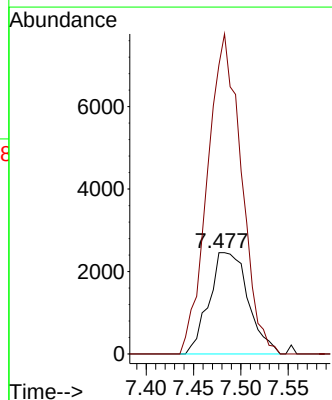
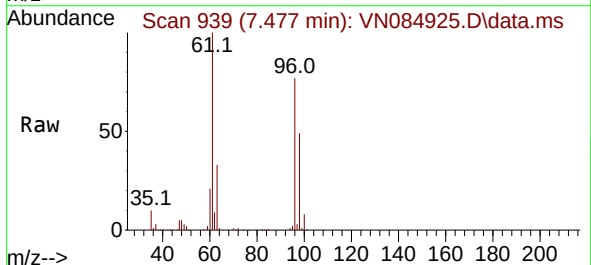
Instrument :
MSVOA_N
ClientSampleId :

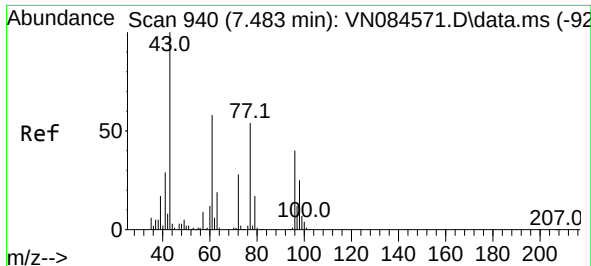
Tgt Ion: 63 Resp: 6719
Ion Ratio Lower Upper
63 100
98 8.0 3.4 10.2
100 0.0 2.0 5.8#



#25
2-Butanone
Concen: 4.913 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

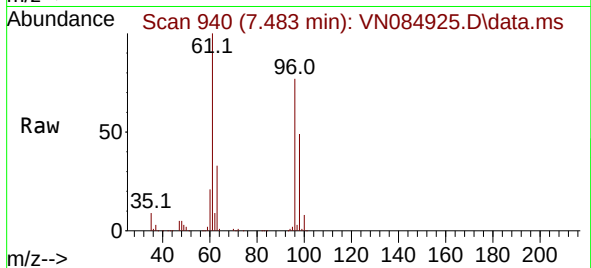
Tgt Ion: 43 Resp: 7027
Ion Ratio Lower Upper
43 100
72 285.3 21.4 32.2#





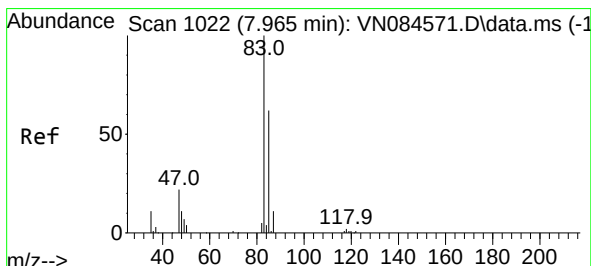
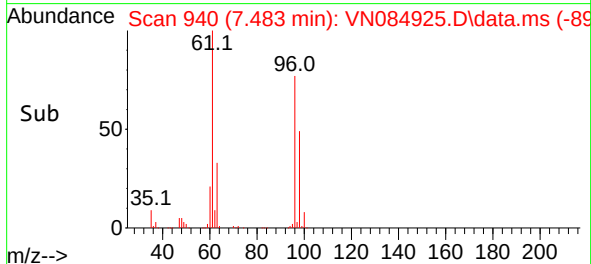
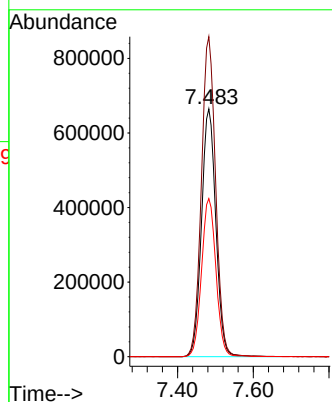
#27
 cis-1,2-Dichloroethene
 Concen: 602.627 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.006 min
 Lab File: VN084925.D
 Acq: 18 Nov 2024 17:16

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 96 Resp: 1746519

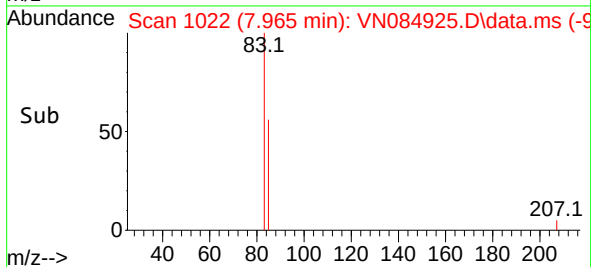
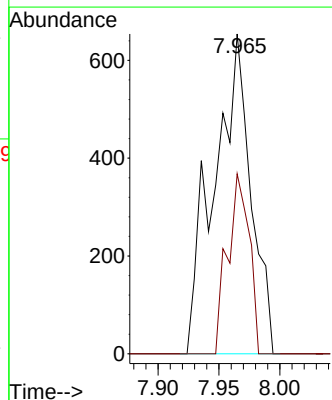
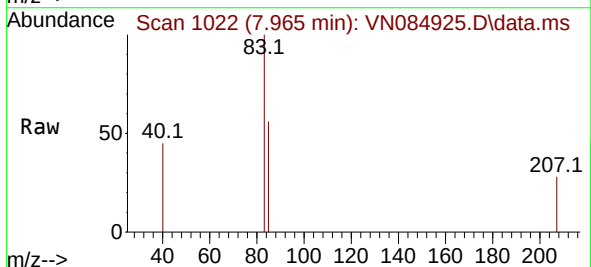
Ion	Ratio	Lower	Upper
96	100		
61	128.6	0.0	301.8
98	64.2	0.0	128.2

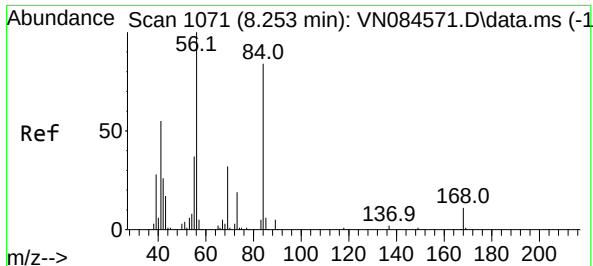


#30
 Chloroform
 Concen: 0.288 ug/l
 RT: 7.965 min Scan# 1022
 Delta R.T. 0.000 min
 Lab File: VN084925.D
 Acq: 18 Nov 2024 17:16

Tgt Ion: 83 Resp: 1373

Ion	Ratio	Lower	Upper
83	100		
85	56.3	51.0	76.4





#31

Cyclohexane

Concen: 5.349 ug/l

RT: 8.247 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VN084925.D

Acq: 18 Nov 2024 17:16

Instrument :

MSVOA_N

ClientSampleId :

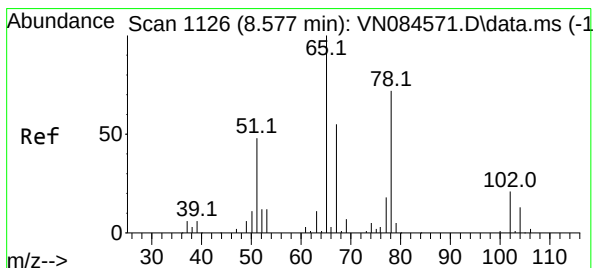
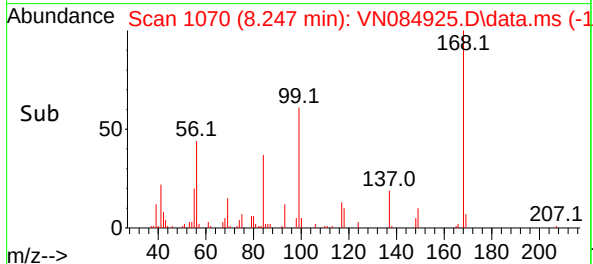
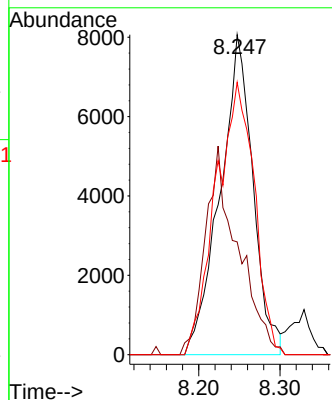
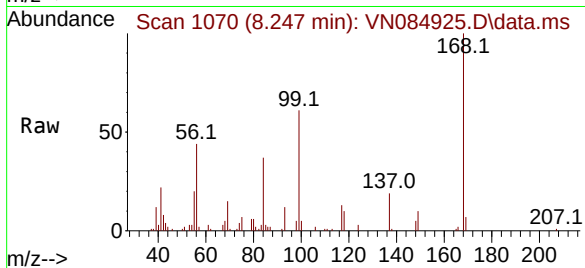
Tgt Ion: 56 Resp: 22639

Ion Ratio Lower Upper

56 100

69 35.2 23.8 35.6

84 85.1 68.8 103.2



#33

1,2-Dichloroethane-d4

Concen: 48.821 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084925.D

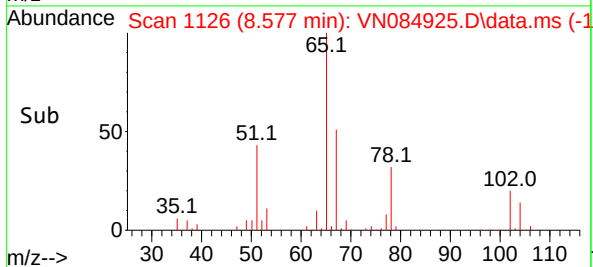
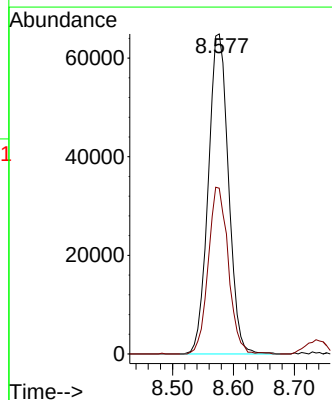
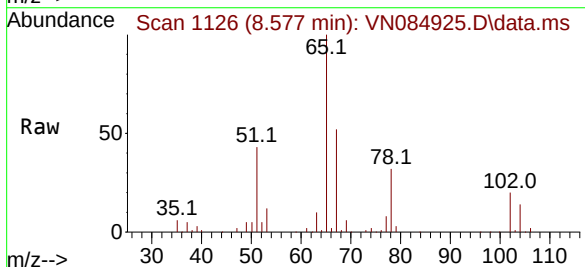
Acq: 18 Nov 2024 17:16

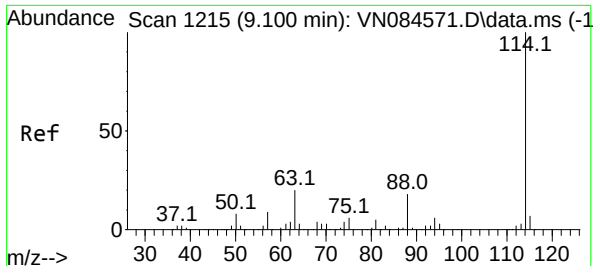
Tgt Ion: 65 Resp: 149674

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084925.D

Acq: 18 Nov 2024 17:16

Instrument :

MSVOA_N

ClientSampleId :

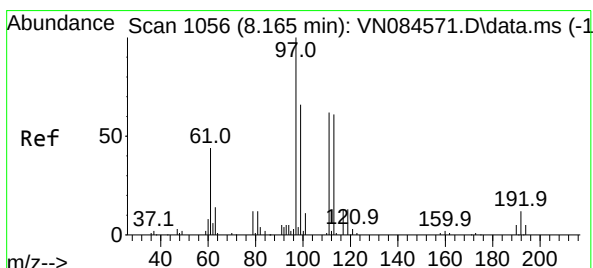
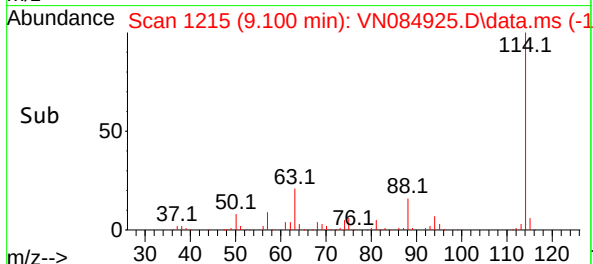
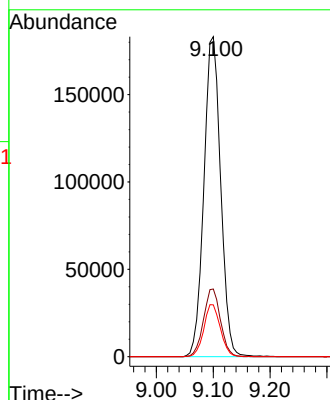
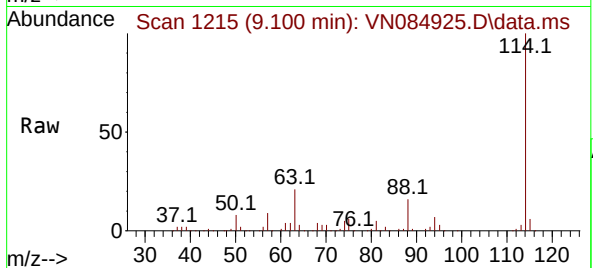
Tgt Ion:114 Resp: 374690

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.8

88 16.2 0.0 31.6



#35

Dibromofluoromethane

Concen: 46.469 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084925.D

Acq: 18 Nov 2024 17:16

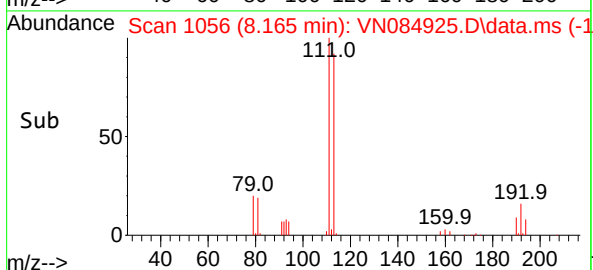
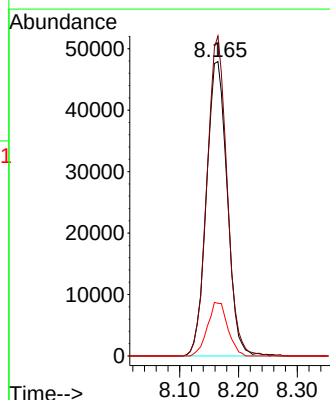
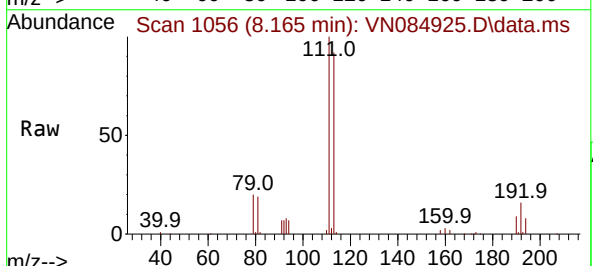
Tgt Ion:113 Resp: 117854

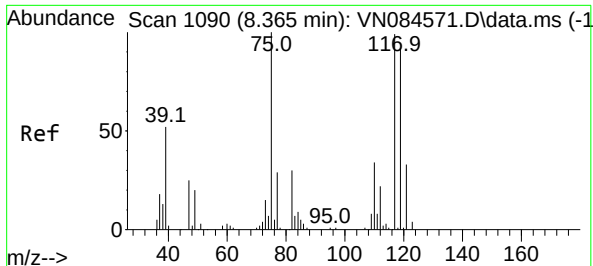
Ion Ratio Lower Upper

113 100

111 104.7 83.3 124.9

192 17.7 13.5 20.3

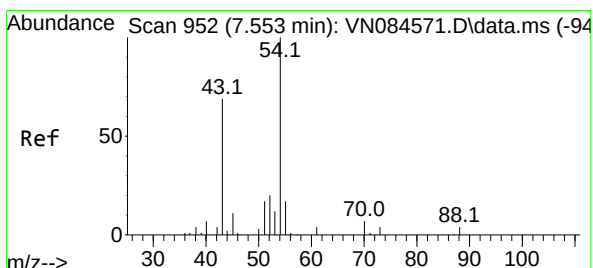
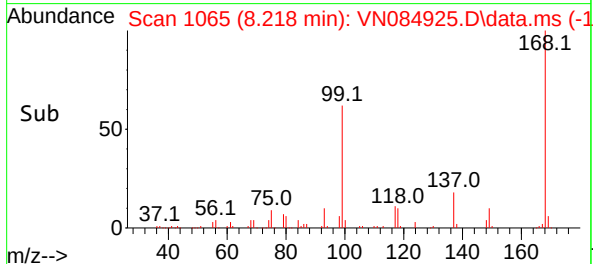
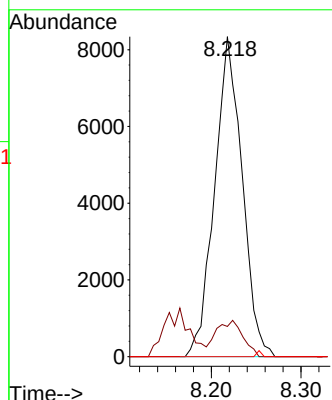
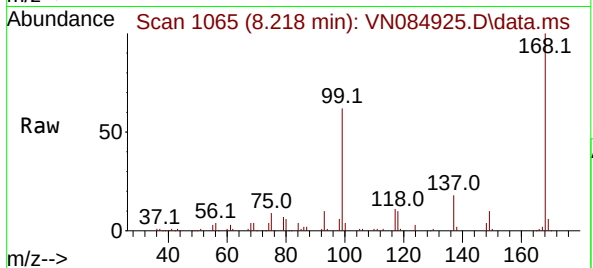




#36
1,1-Dichloropropene
Concen: 5.046 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

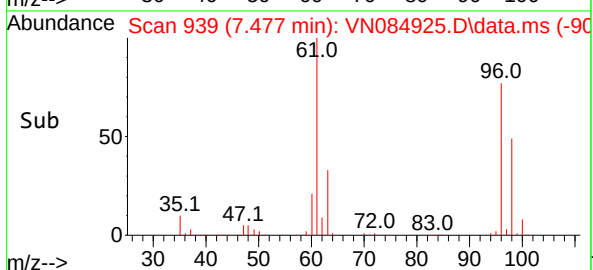
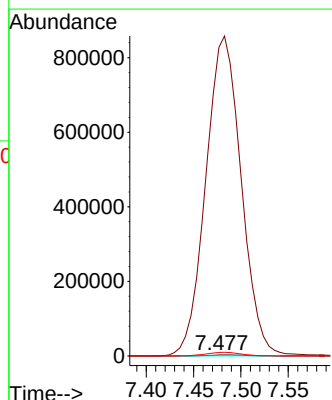
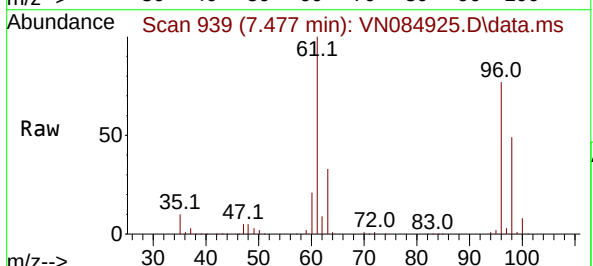
Instrument :
MSVOA_N
ClientSampleId :

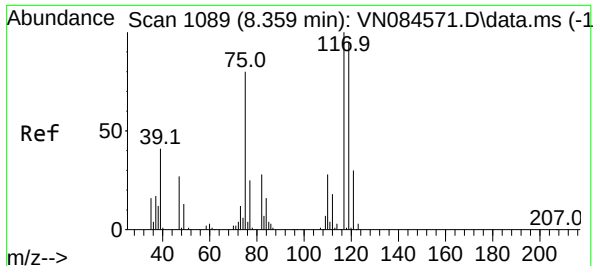
Tgt Ion: 75 Resp: 17749
Ion Ratio Lower Upper
75 100
110 11.0 16.9 50.7#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 2.202 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.082 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

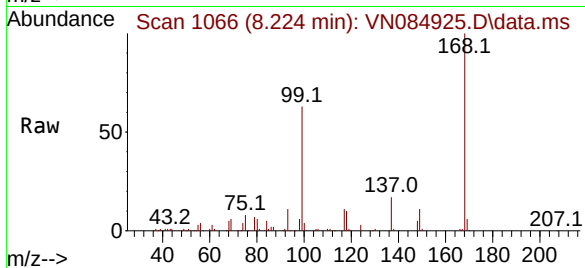
Tgt Ion: 43 Resp: 7027
Ion Ratio Lower Upper
43 100
61 31962.7 10.7 16.1#
70 353.7 8.8 13.2#



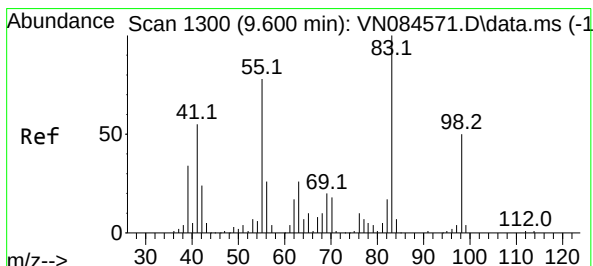
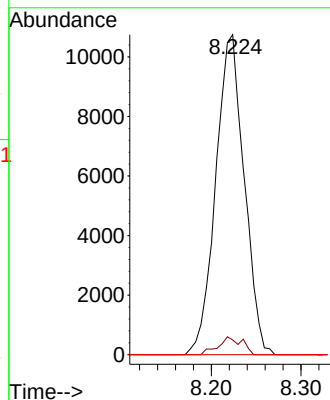
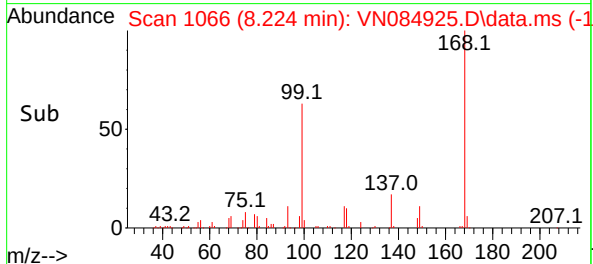


#38
Carbon Tetrachloride
Concen: 6.014 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

Instrument :
MSVOA_N
ClientSampleId :

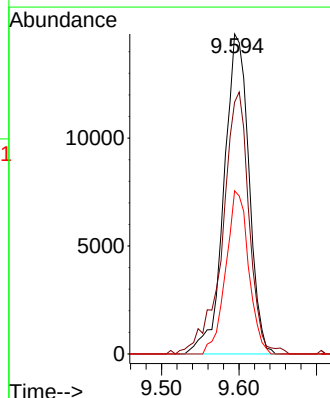
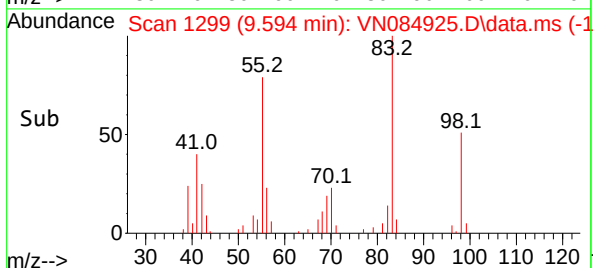
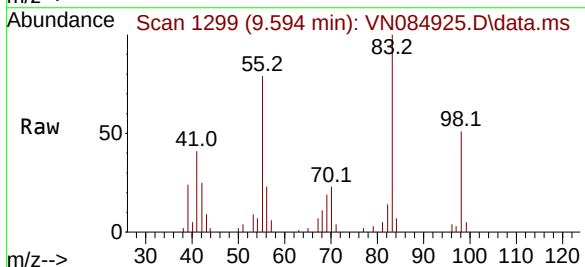


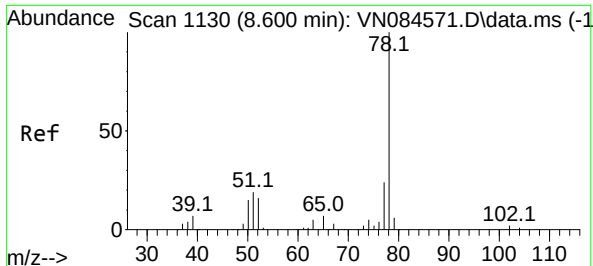
Tgt Ion:117 Resp: 23646
Ion Ratio Lower Upper
117 100
119 4.6 78.7 118.1#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 9.259 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

Tgt Ion: 83 Resp: 33130
Ion Ratio Lower Upper
83 100
55 77.6 62.8 94.2
98 51.0 38.8 58.2

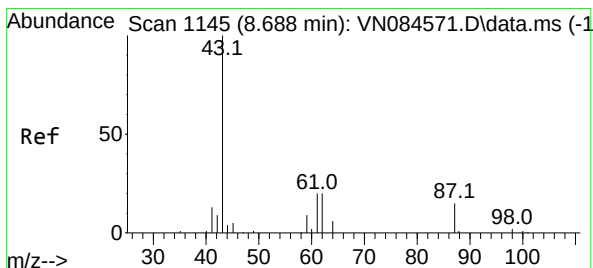
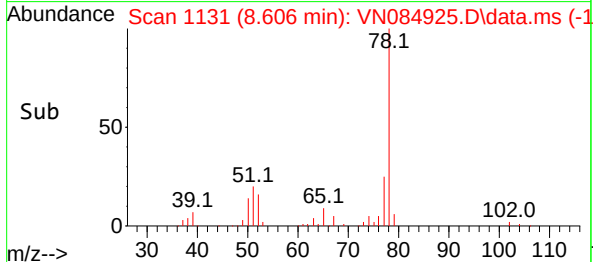
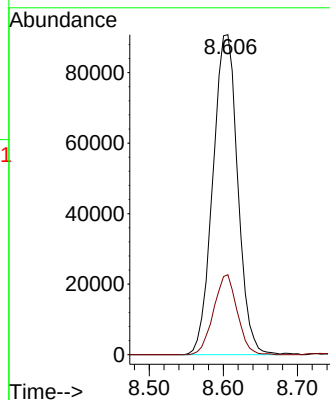
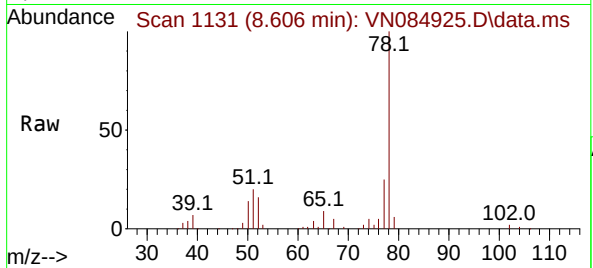




#40
Benzene
Concen: 18.759 ug/l
RT: 8.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

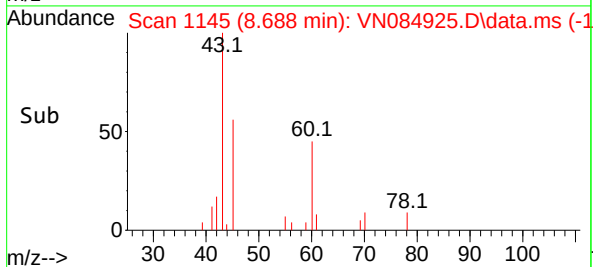
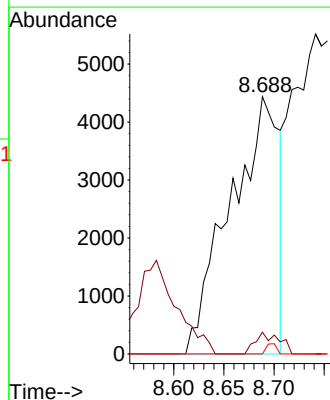
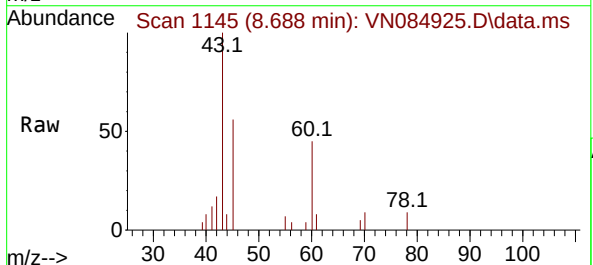
Instrument :
MSVOA_N
ClientSampleId :

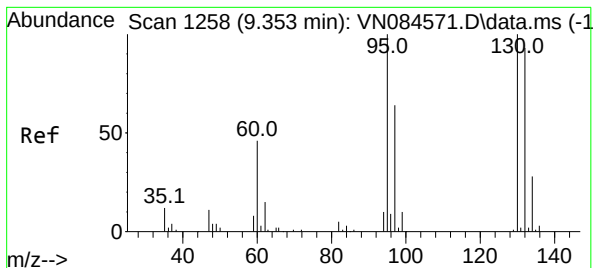
Tgt Ion: 78 Resp: 211902
Ion Ratio Lower Upper
78 100
77 25.0 19.1 28.7



#43
Isopropyl Acetate
Concen: 1.596 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

Tgt Ion: 43 Resp: 14918
Ion Ratio Lower Upper
43 100
61 4.2 20.4 30.6#
87 0.8 10.3 15.5#





#44

Trichloroethene

Concen: 216.202 ug/l

RT: 9.347 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084925.D

Acq: 18 Nov 2024 17:16

Instrument :

MSVOA_N

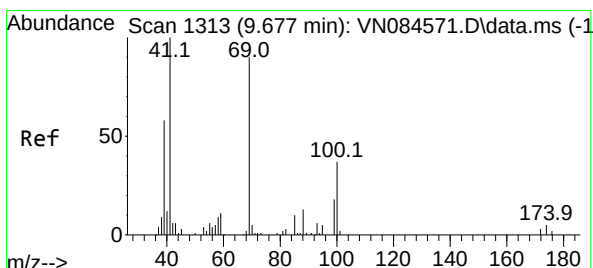
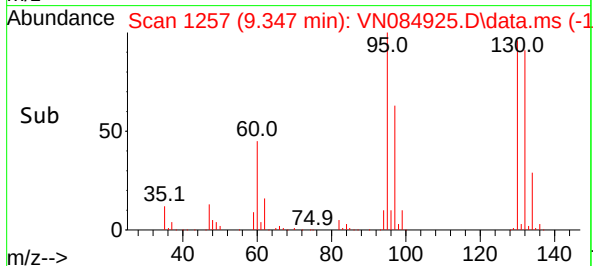
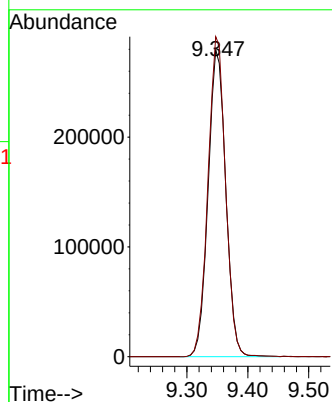
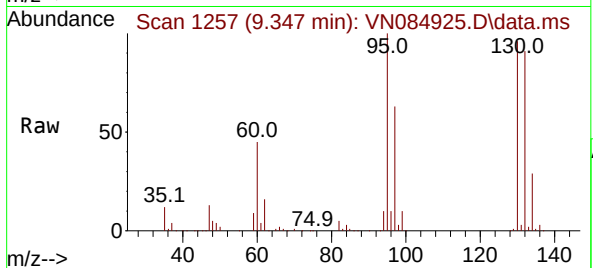
ClientSampleId :

Tgt Ion:130 Resp: 563236

Ion Ratio Lower Upper

130 100

95 104.3 0.0 203.0



#48

Methyl methacrylate

Concen: 7.406 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.076 min

Lab File: VN084925.D

Acq: 18 Nov 2024 17:16

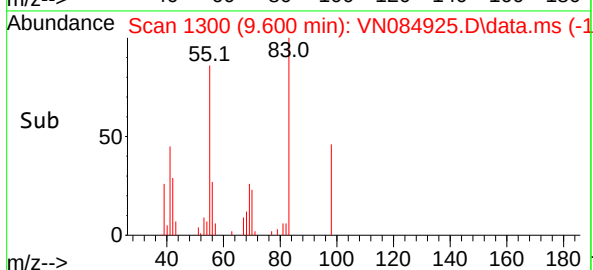
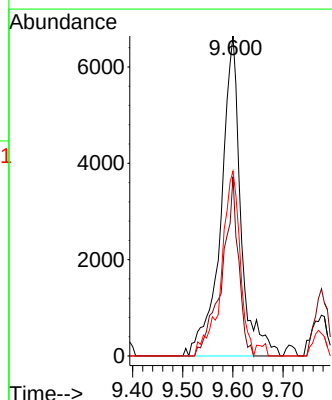
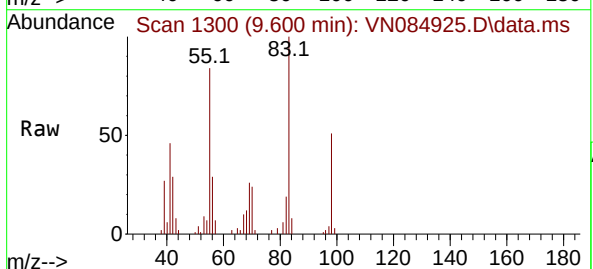
Tgt Ion: 41 Resp: 18394

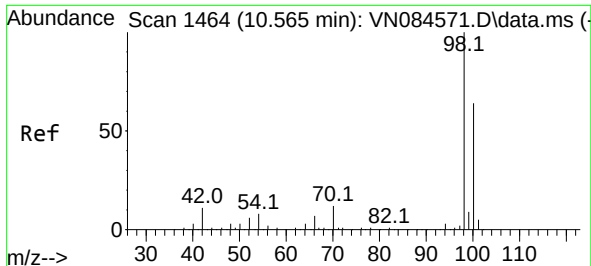
Ion Ratio Lower Upper

41 100

69 46.5 67.1 100.7#

39 53.6 45.8 68.6

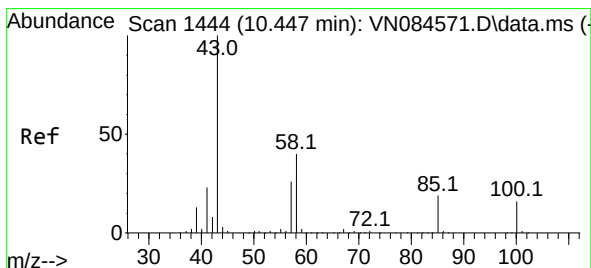
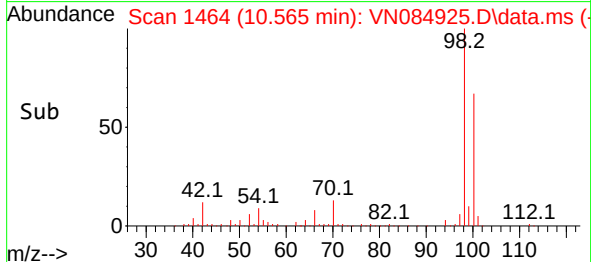
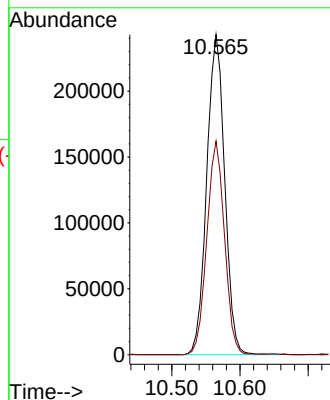
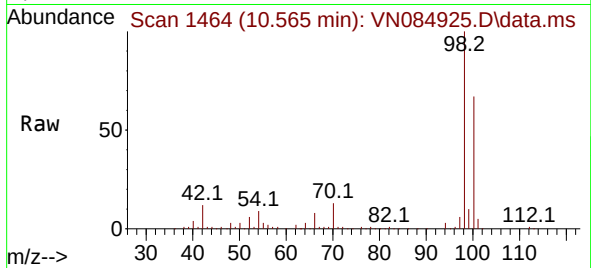




#50
Toluene-d8
Concen: 47.634 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

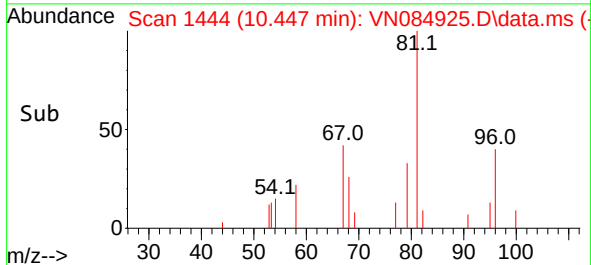
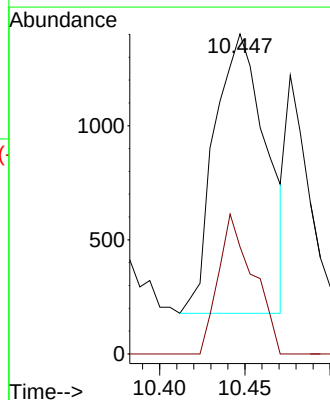
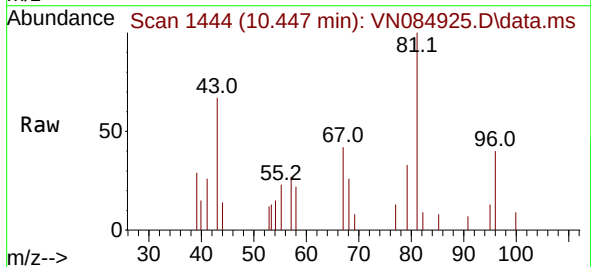
Instrument :
MSVOA_N
ClientSampleId :

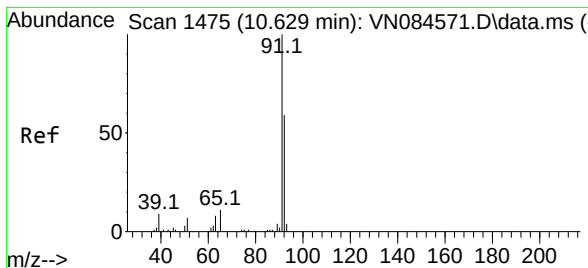
Tgt Ion: 98 Resp: 445027
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.847 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

Tgt Ion: 43 Resp: 2576
Ion Ratio Lower Upper
43 100
58 34.0 31.6 47.4





#52

Toluene

Concen: 26.984 ug/l

RT: 10.629 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN084925.D

Acq: 18 Nov 2024 17:16

Instrument :

MSVOA_N

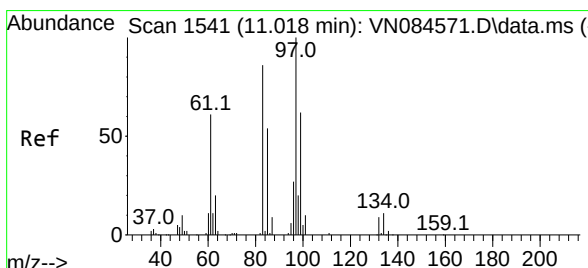
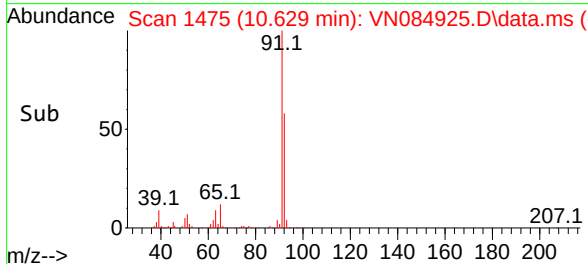
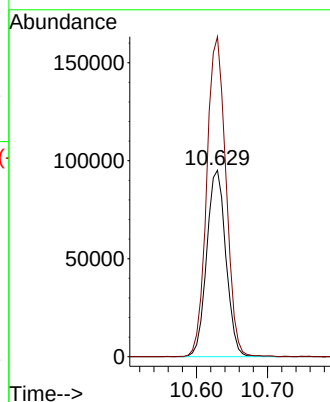
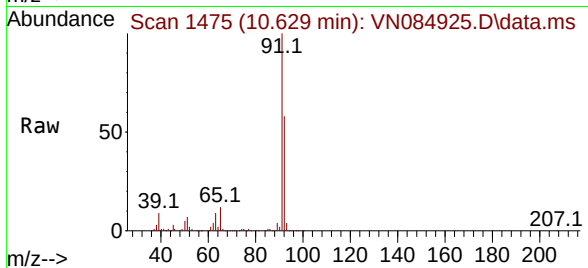
ClientSampleId :

Tgt Ion: 92 Resp: 178267

Ion Ratio Lower Upper

92 100

91 171.9 137.3 205.9



#55

1,1,2-Trichloroethane

Concen: 3.299 ug/l

RT: 11.006 min Scan# 1539

Delta R.T. -0.006 min

Lab File: VN084925.D

Acq: 18 Nov 2024 17:16

Tgt Ion: 97 Resp: 8210

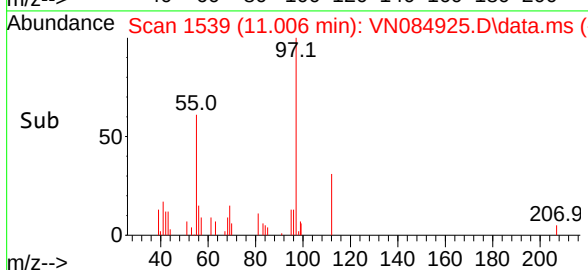
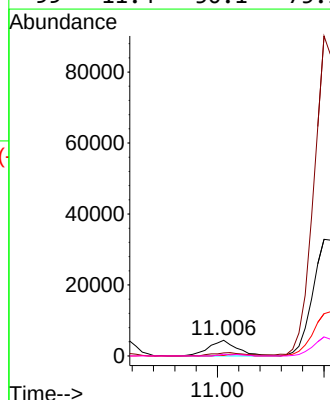
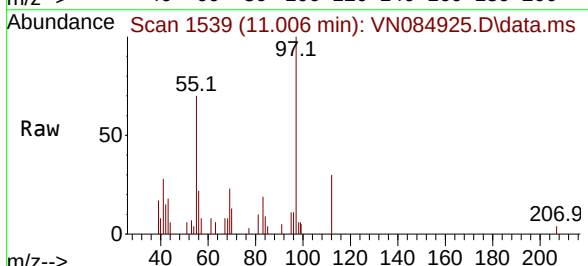
Ion Ratio Lower Upper

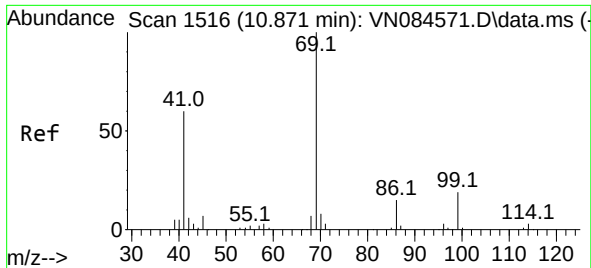
97 100

83 19.2 71.0 106.4#

85 3.5 41.7 62.5#

99 11.4 50.1 75.1#

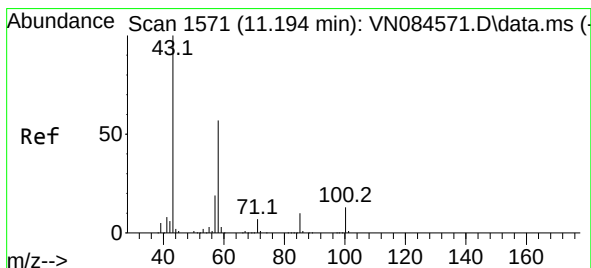
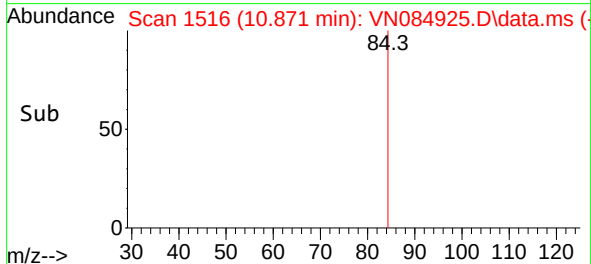
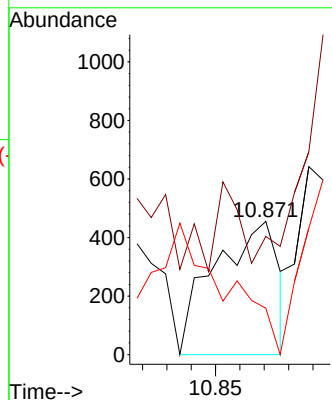
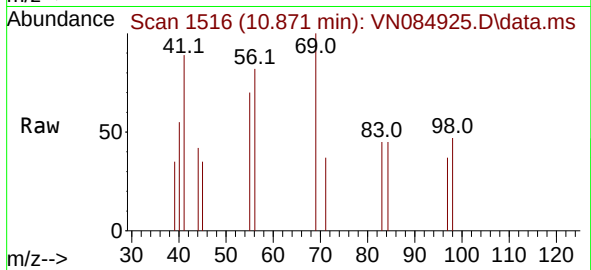




#56
Ethyl methacrylate
Concen: 0.230 ug/l
RT: 10.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

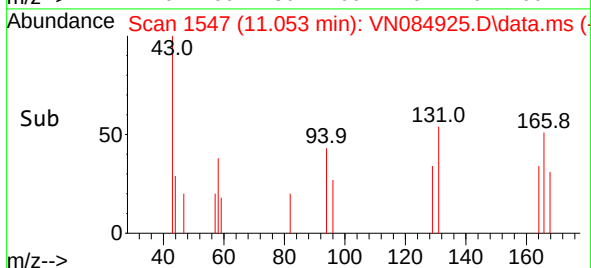
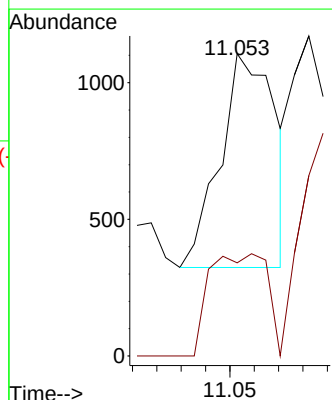
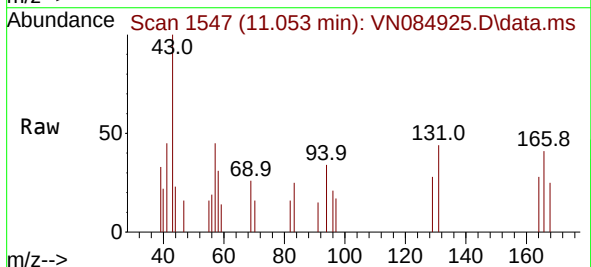
Instrument :
MSVOA_N
ClientSampleId :

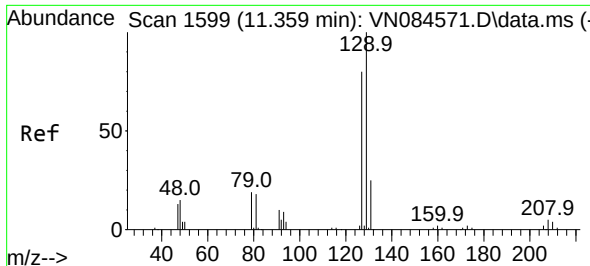
Tgt Ion: 69 Resp: 827
Ion Ratio Lower Upper
69 100
41 23.2 53.3 79.9#
39 0.0 28.8 43.2#



#59
2-Hexanone
Concen: 0.552 ug/l
RT: 11.053 min Scan# 1547
Delta R.T. -0.141 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

Tgt Ion: 43 Resp: 1222
Ion Ratio Lower Upper
43 100
58 50.5 27.3 81.8

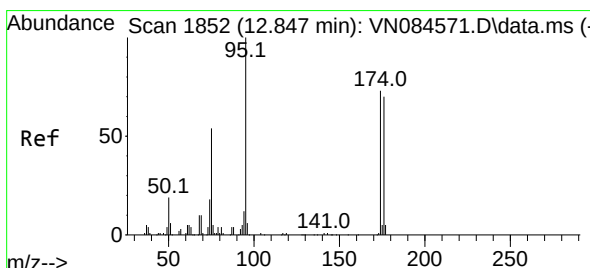
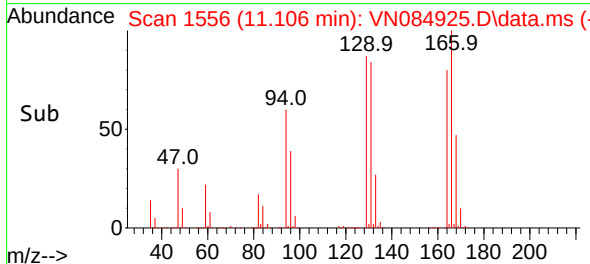
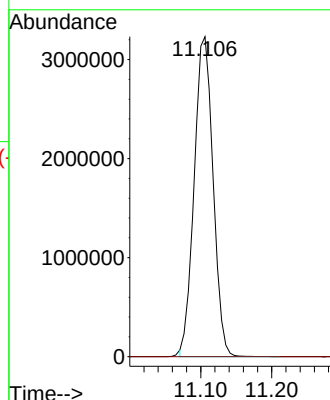
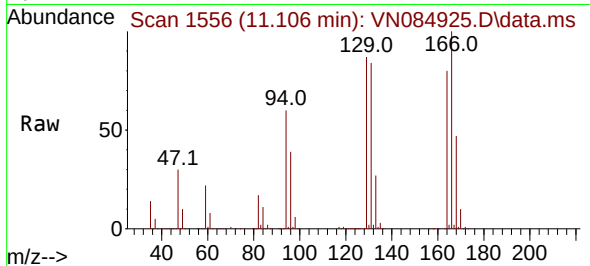




#60
Dibromochloromethane
Concen: 2105.651 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

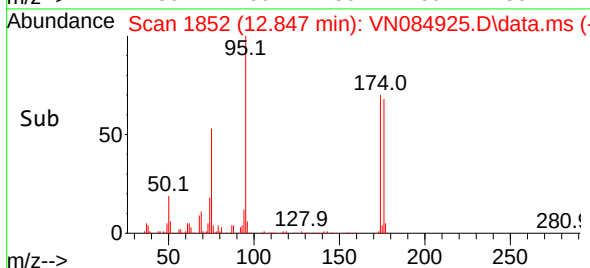
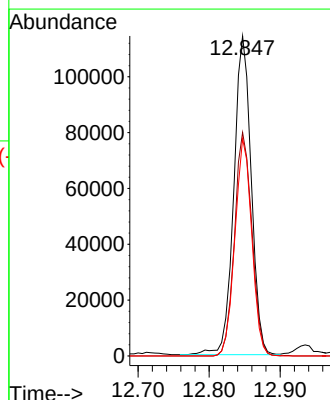
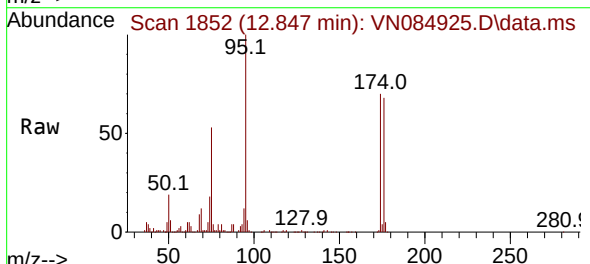
Instrument :
MSVOA_N
ClientSampleId :

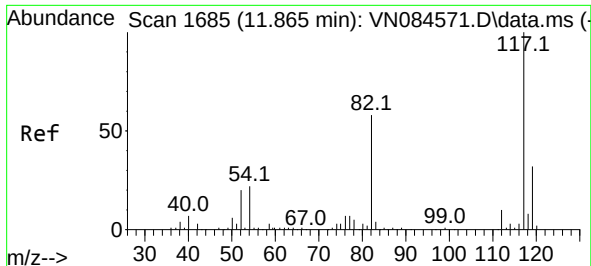
Tgt Ion:129 Resp: 5972091
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.9#



#62
4-Bromofluorobenzene
Concen: 55.872 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

Tgt Ion: 95 Resp: 195083
Ion Ratio Lower Upper
95 100
174 70.1 0.0 145.2
176 66.1 0.0 140.0

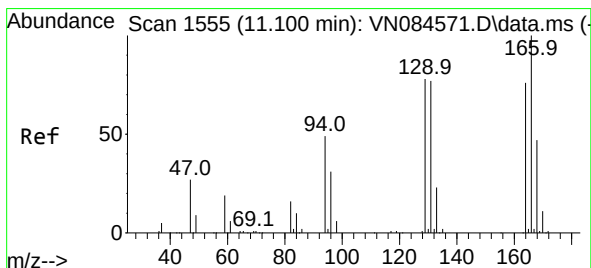
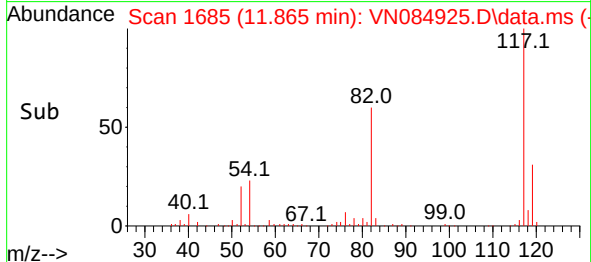
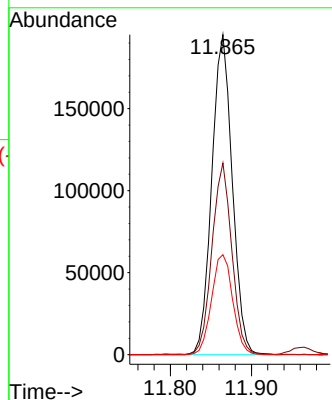
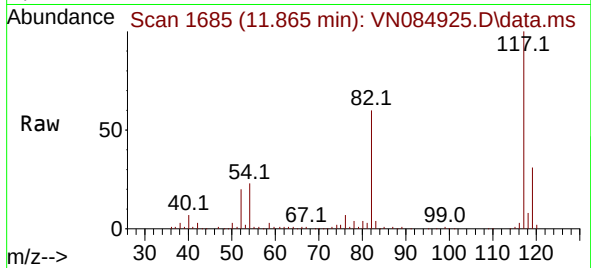




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

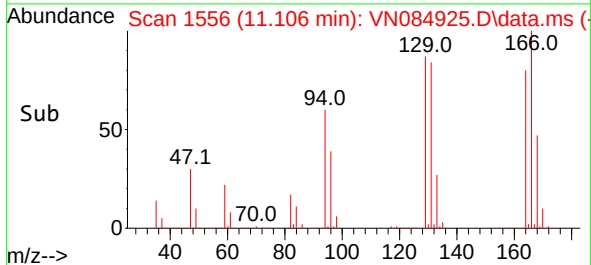
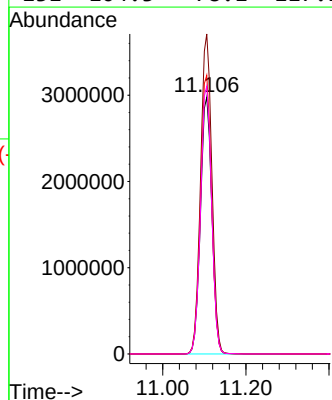
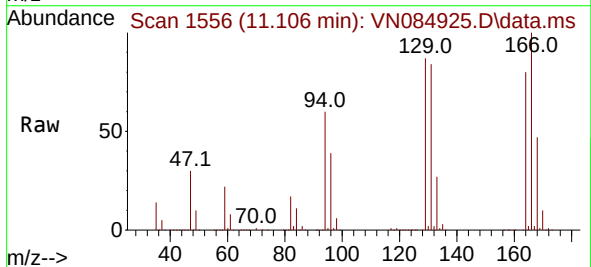
Instrument :
MSVOA_N
ClientSampleId :

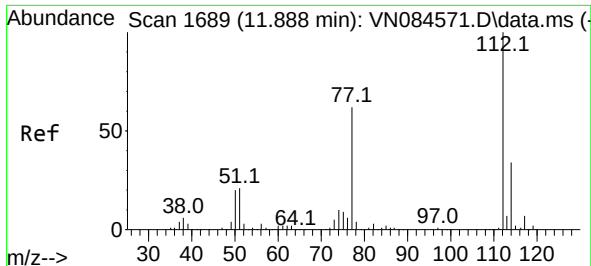
Tgt Ion:117 Resp: 341618
Ion Ratio Lower Upper
117 100
82 59.7 47.2 70.8
119 31.2 25.4 38.0



#64
Tetrachloroethene
Concen: 2467.354 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

Tgt Ion:164 Resp: 5606627
Ion Ratio Lower Upper
164 100
166 124.6 101.0 151.4
129 108.5 80.8 121.2
131 104.3 78.1 117.1

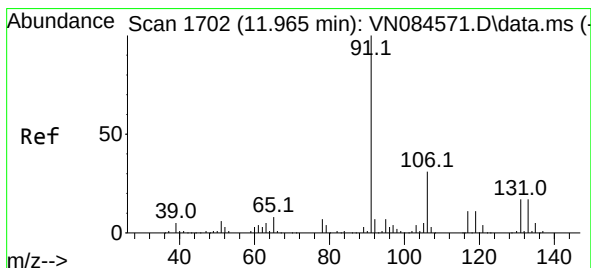
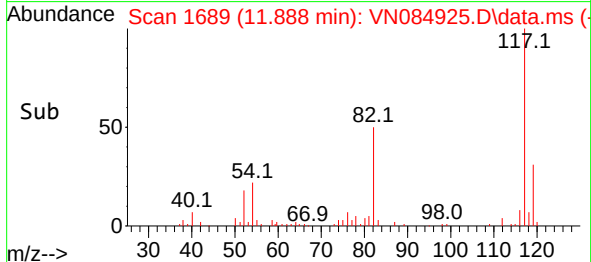
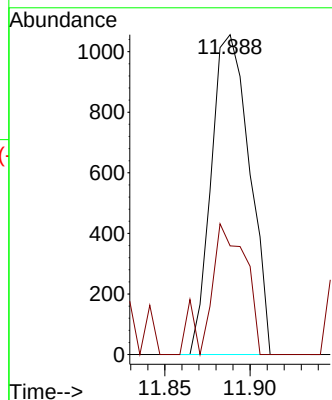
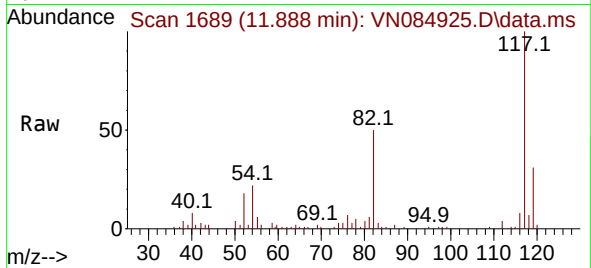




#65
Chlorobenzene
Concen: 0.216 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

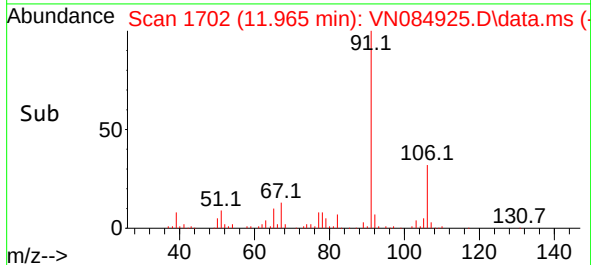
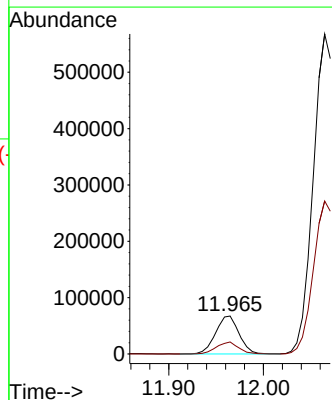
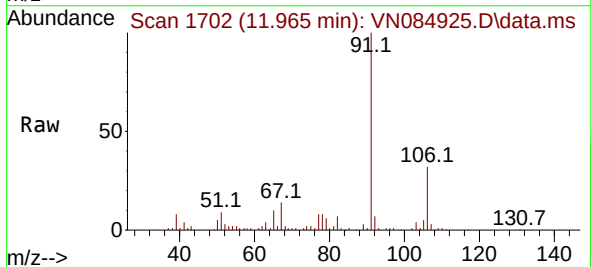
Instrument :
MSVOA_N
ClientSampleId :

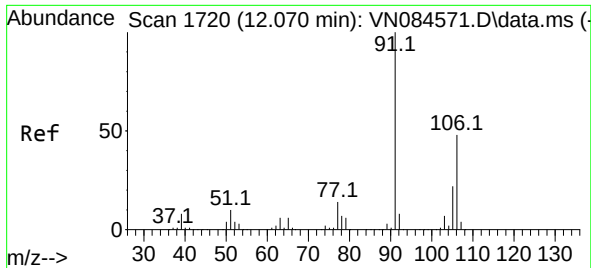
Tgt Ion:112 Resp: 1649
Ion Ratio Lower Upper
112 100
114 34.0 27.0 40.6



#67
Ethyl Benzene
Concen: 9.095 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

Tgt Ion: 91 Resp: 116030
Ion Ratio Lower Upper
91 100
106 31.7 24.5 36.7

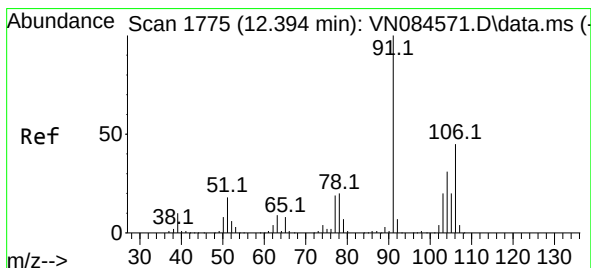
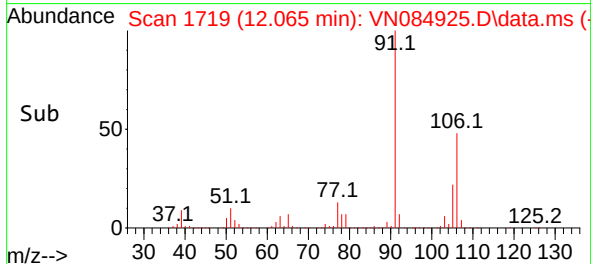
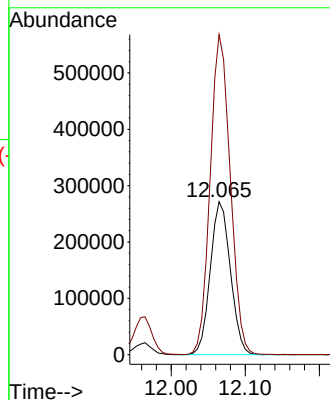
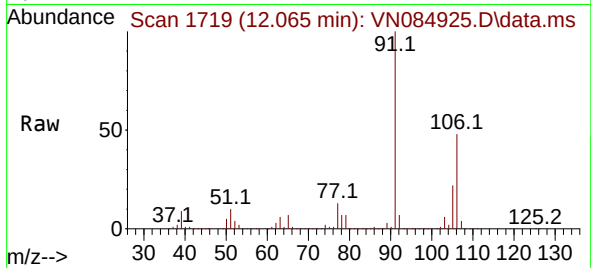




#68
m/p-Xylenes
Concen: 106.009 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

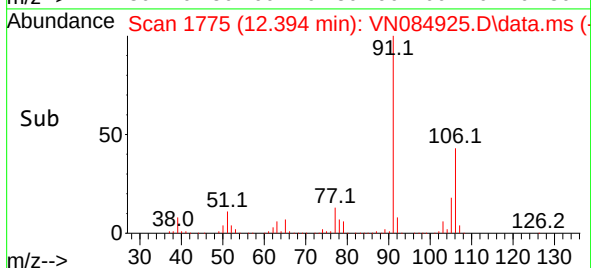
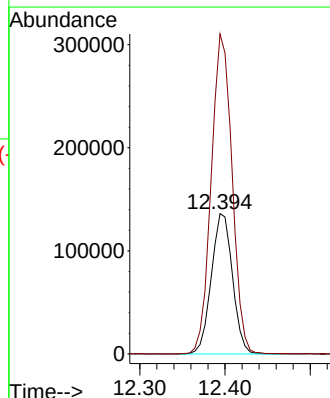
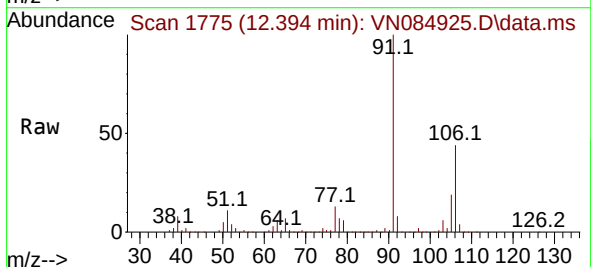
Instrument :
MSVOA_N
ClientSampleId :

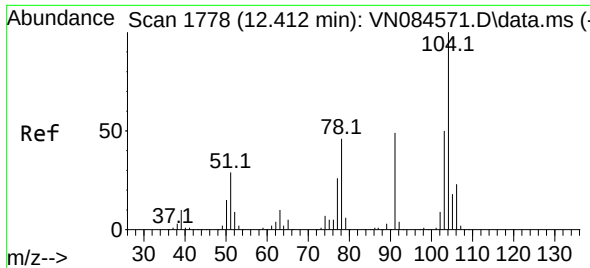
Tgt Ion:106 Resp: 511993
Ion Ratio Lower Upper
106 100
91 209.2 167.1 250.7



#69
o-Xylene
Concen: 51.882 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

Tgt Ion:106 Resp: 234408
Ion Ratio Lower Upper
106 100
91 225.7 110.2 330.6

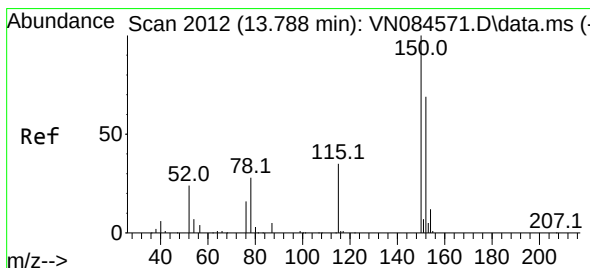
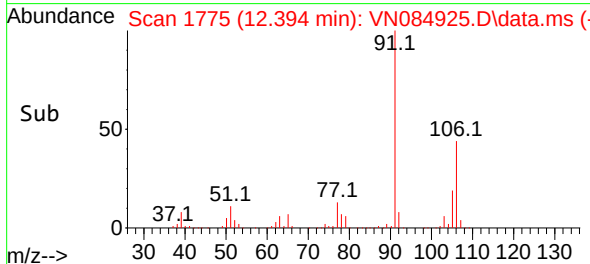
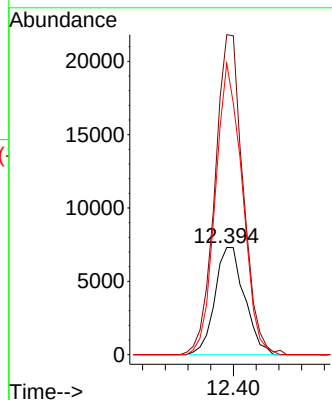
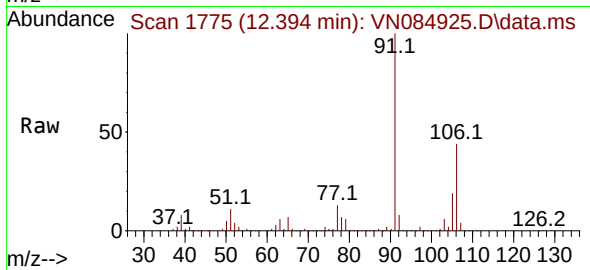




#70
Styrene
Concen: 1.680 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

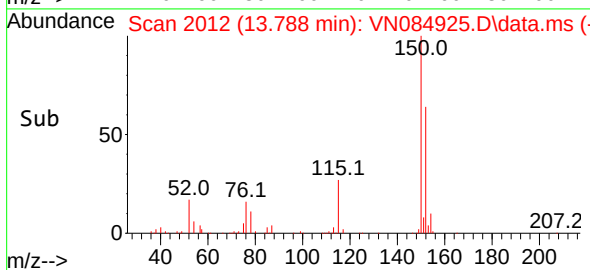
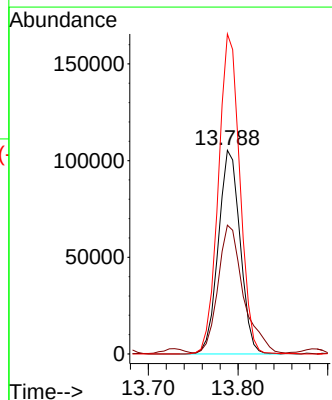
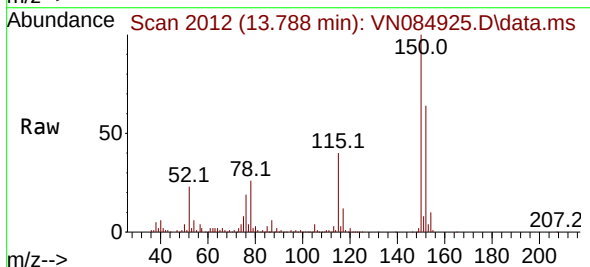
Instrument :
MSVOA_N
ClientSampleId :

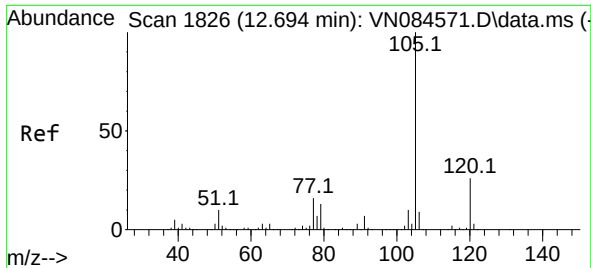
Tgt Ion:104 Resp: 13239
Ion Ratio Lower Upper
104 100
78 283.8 42.7 64.1#
103 246.7 43.6 65.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

Tgt Ion:152 Resp: 177257
Ion Ratio Lower Upper
152 100
115 73.0 31.3 93.9
150 155.3 0.0 349.8

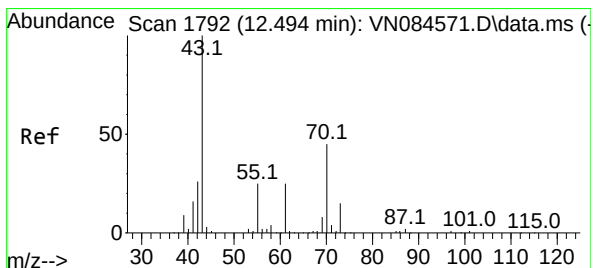
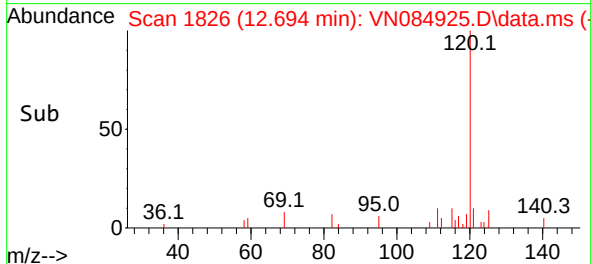
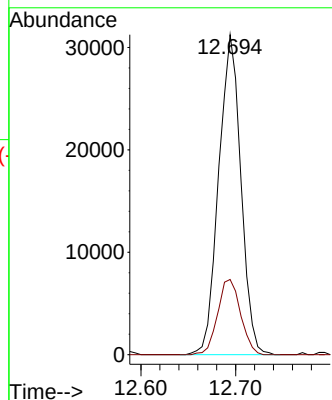
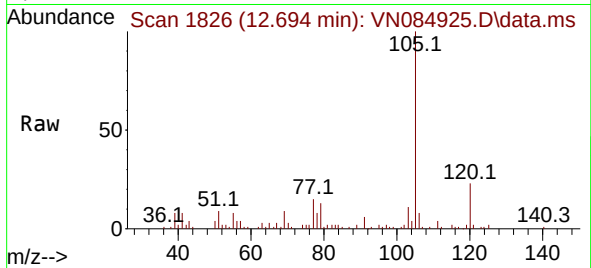




#73
Isopropylbenzene
Concen: 4.097 ug/l
RT: 12.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

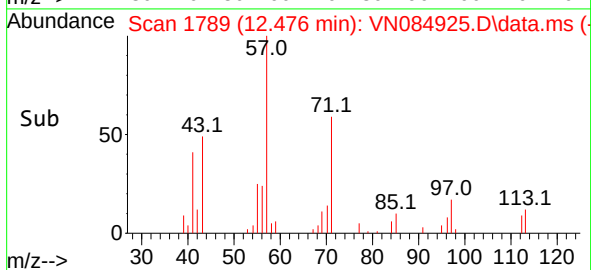
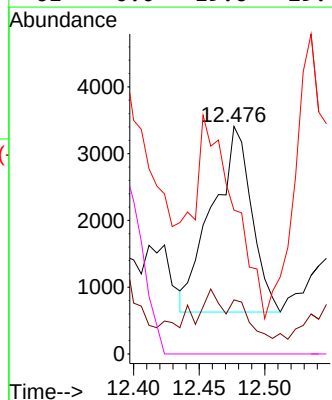
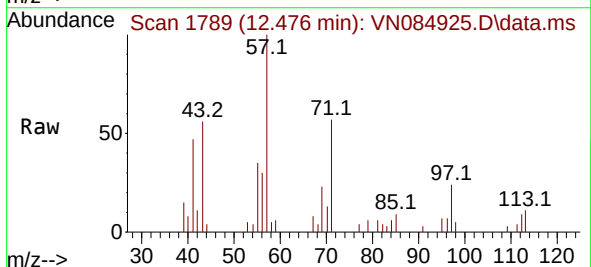
Instrument :
MSVOA_N
ClientSampleId :

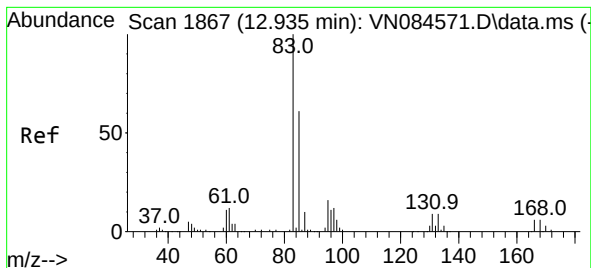
Tgt Ion:105 Resp: 50888
Ion Ratio Lower Upper
105 100
120 24.3 12.9 38.7



#74
N-ethyl acetate
Concen: 1.095 ug/l
RT: 12.476 min Scan# 1789
Delta R.T. -0.018 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

Tgt Ion: 43 Resp: 5789
Ion Ratio Lower Upper
43 100
70 0.0 34.4 51.6#
55 0.0 19.6 29.4#
61 0.0 19.6 29.4#

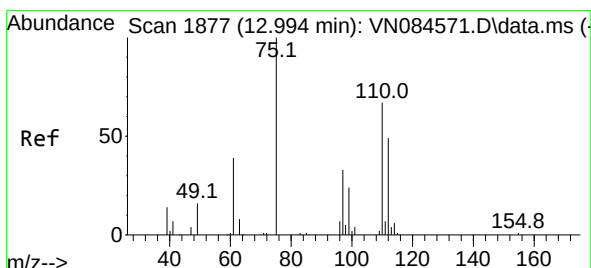
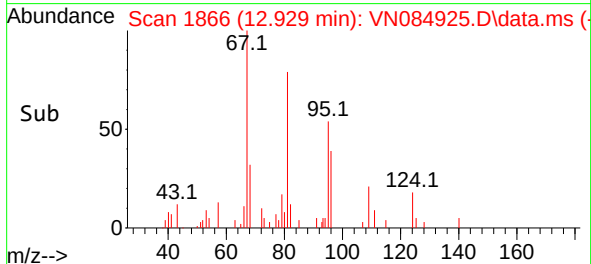
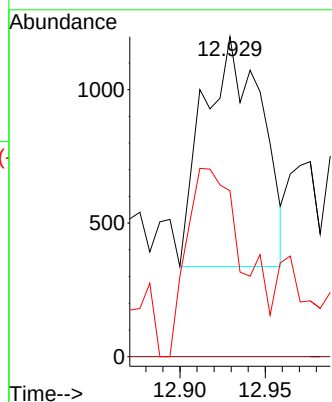
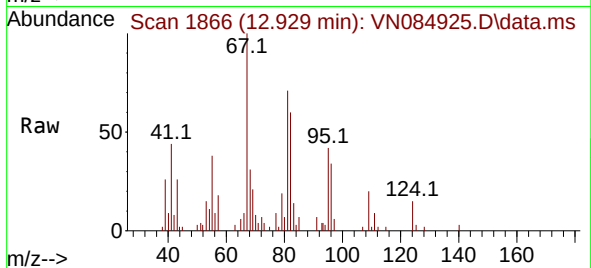




#75
1,1,2,2-Tetrachloroethane
Concen: 0.490 ug/l
RT: 12.929 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

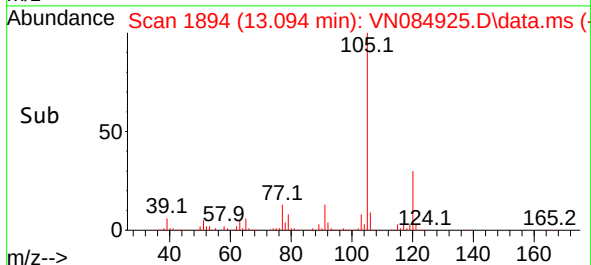
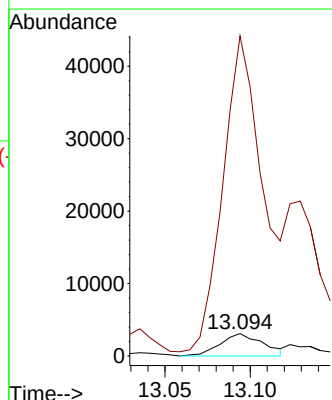
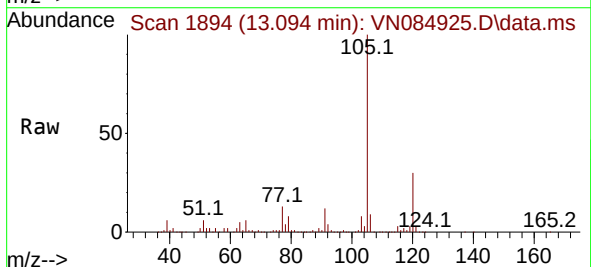
Instrument :
MSVOA_N
ClientSampleId :

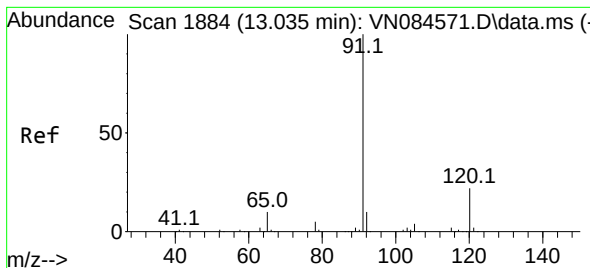
Tgt Ion: 83 Resp: 2033
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7#
85 80.4 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 1.519 ug/l
RT: 13.094 min Scan# 1894
Delta R.T. 0.106 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

Tgt Ion: 75 Resp: 5383
Ion Ratio Lower Upper
75 100
77 1337.4 96.9 290.7#





#78

n-propylbenzene

Concen: 7.217 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084925.D

Acq: 18 Nov 2024 17:16

Instrument :

MSVOA_N

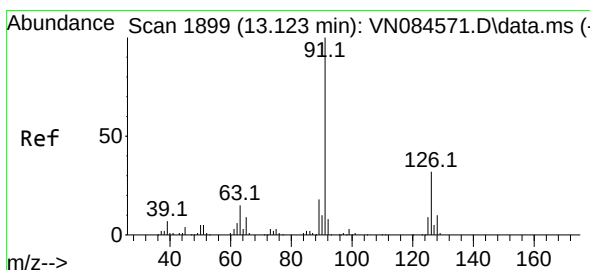
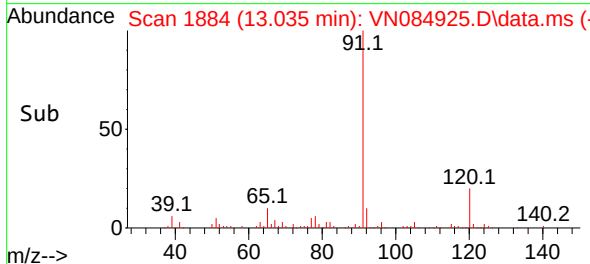
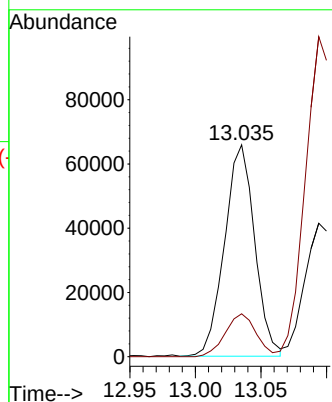
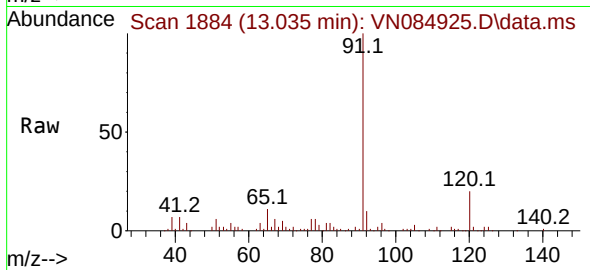
ClientSampleId :

Tgt Ion: 91 Resp: 105055

Ion Ratio Lower Upper

91 100

120 20.7 10.8 32.4



#79

2-Chlorotoluene

Concen: 7.043 ug/l

RT: 13.094 min Scan# 1894

Delta R.T. -0.029 min

Lab File: VN084925.D

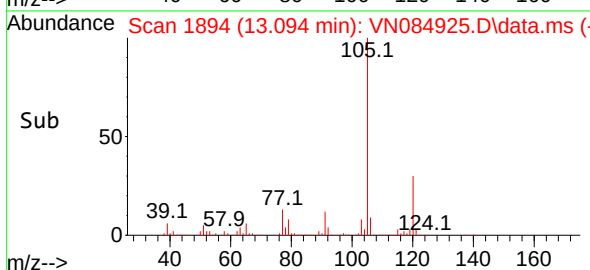
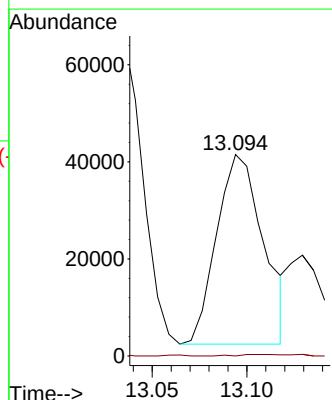
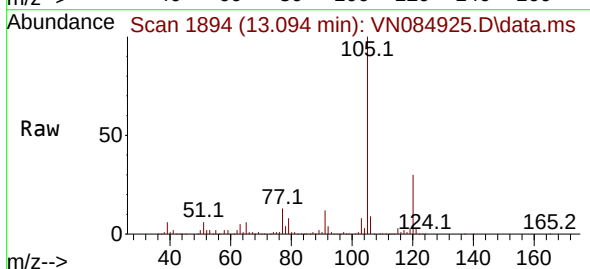
Acq: 18 Nov 2024 17:16

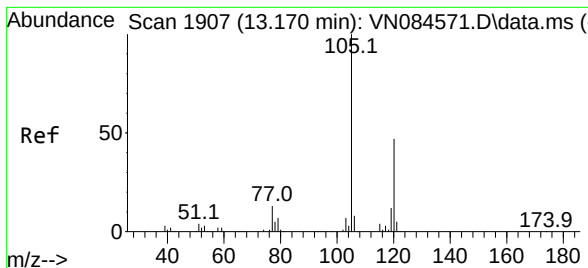
Tgt Ion: 91 Resp: 66984

Ion Ratio Lower Upper

91 100

126 0.0 15.7 47.1#





#80

1,3,5-Trimethylbenzene

Concen: 35.922 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084925.D

Acq: 18 Nov 2024 17:16

Instrument :

MSVOA_N

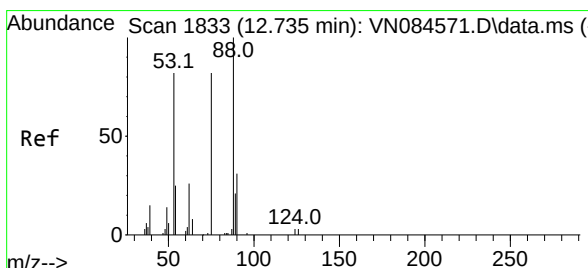
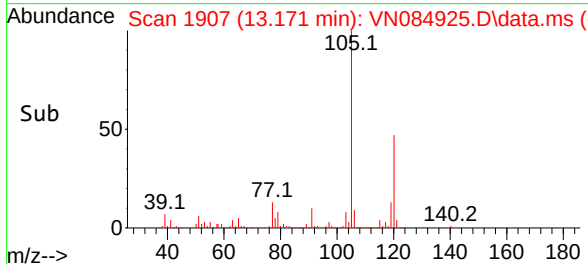
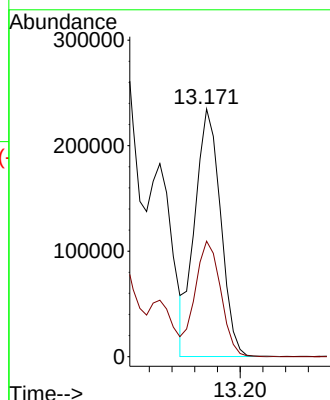
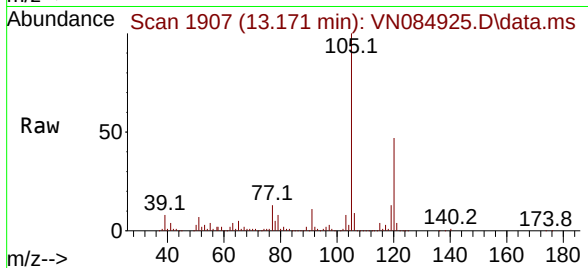
ClientSampleId :

Tgt Ion:105 Resp: 369828

Ion Ratio Lower Upper

105 100

120 46.7 23.7 71.1



#81

trans-1,4-Dichloro-2-butene

Concen: 66.471 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084925.D

Acq: 18 Nov 2024 17:16

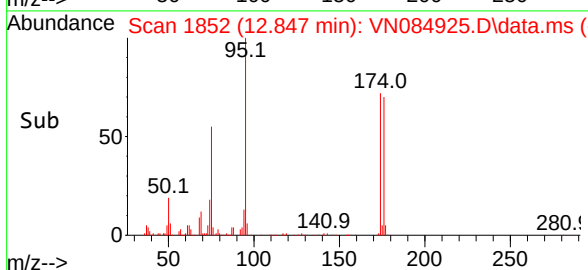
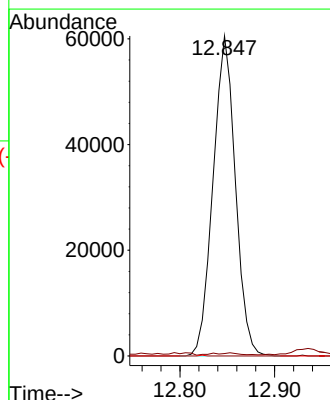
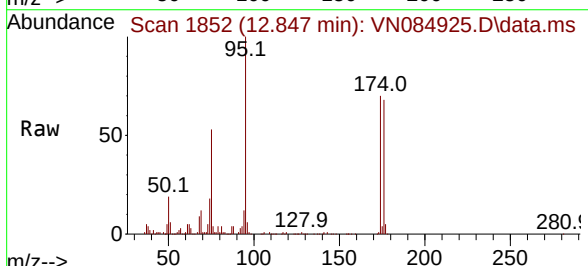
Tgt Ion: 75 Resp: 99278

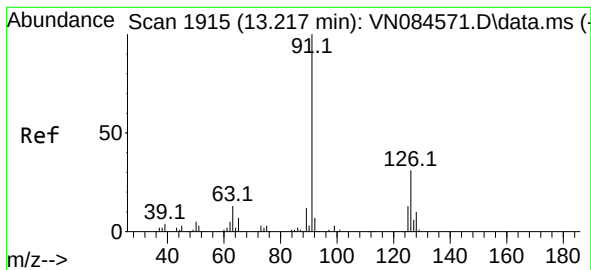
Ion Ratio Lower Upper

75 100

53 0.6 78.0 117.0#

89 0.0 35.5 53.3#

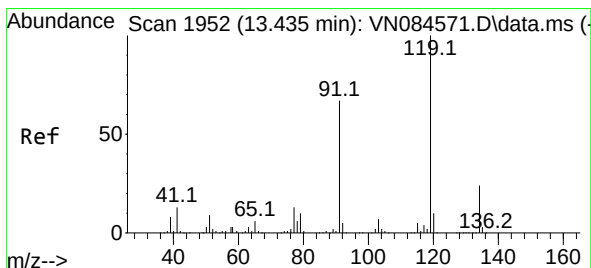
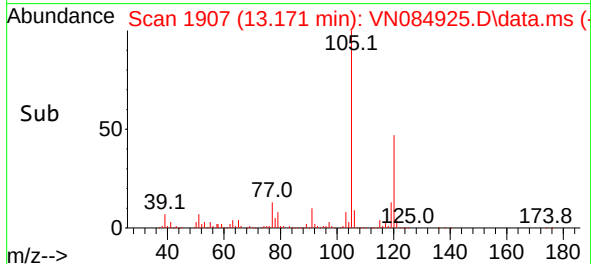
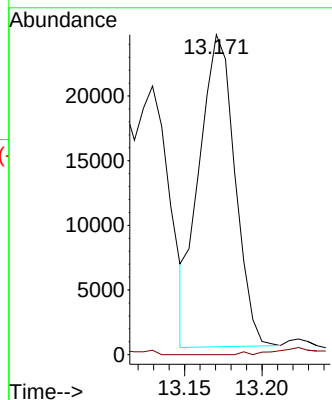
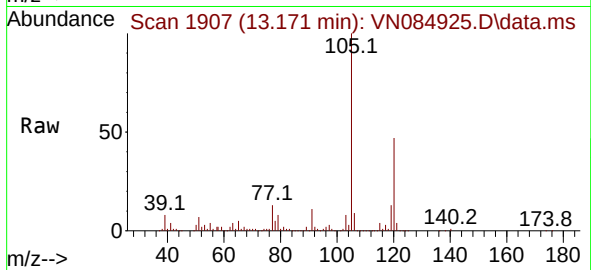




#82
4-Chlorotoluene
Concen: 3.864 ug/l
RT: 13.171 min Scan# 1915
Delta R.T. -0.047 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

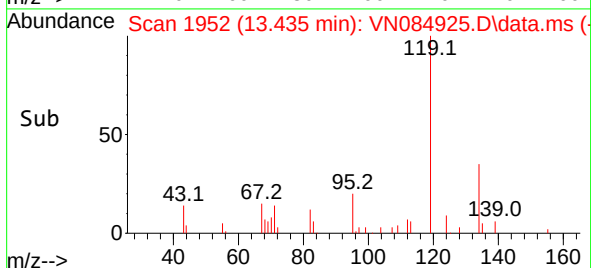
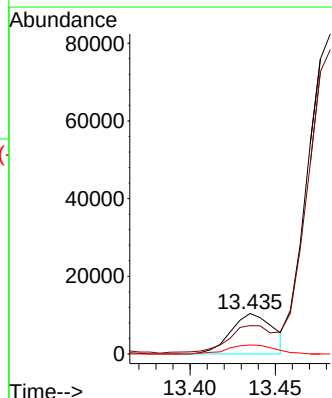
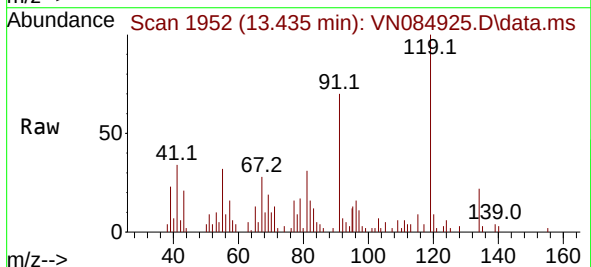
Instrument :
MSVOA_N
ClientSampleId :

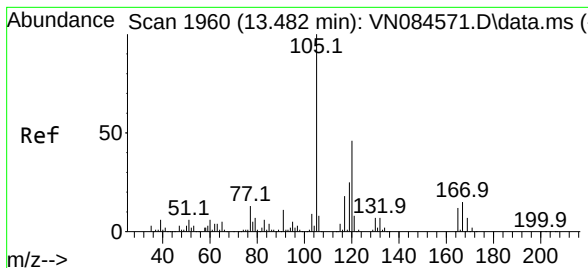
Tgt Ion: 91 Resp: 38673
Ion Ratio Lower Upper
91 100
126 0.2 15.7 47.1#



#83
tert-Butylbenzene
Concen: 2.100 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

Tgt Ion: 119 Resp: 17890
Ion Ratio Lower Upper
119 100
91 67.4 34.1 102.3
134 24.8 12.8 38.4





#84

1,2,4-Trimethylbenzene

Concen: 105.195 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084925.D

Acq: 18 Nov 2024 17:16

Instrument :

MSVOA_N

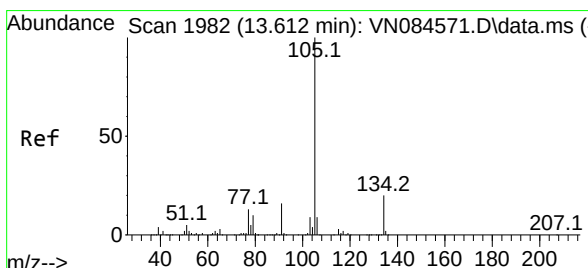
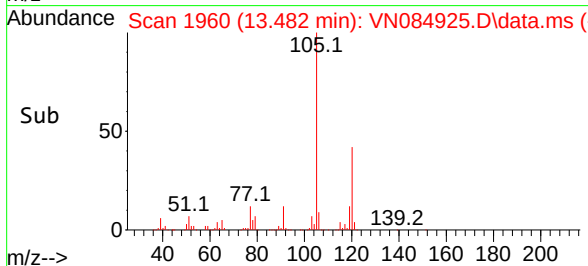
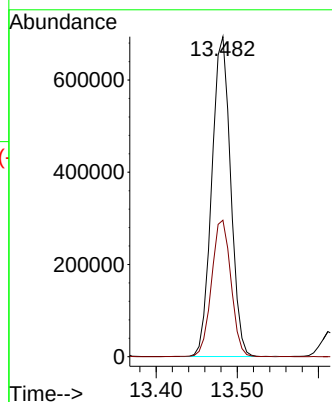
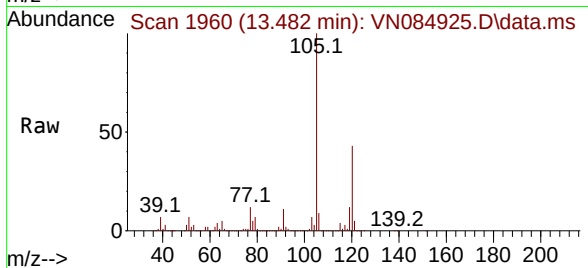
ClientSampleId :

Tgt Ion:105 Resp: 1117778

Ion Ratio Lower Upper

105 100

120 44.0 22.3 66.8



#85

sec-Butylbenzene

Concen: 7.000 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN084925.D

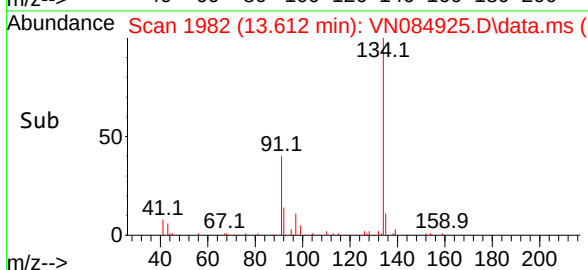
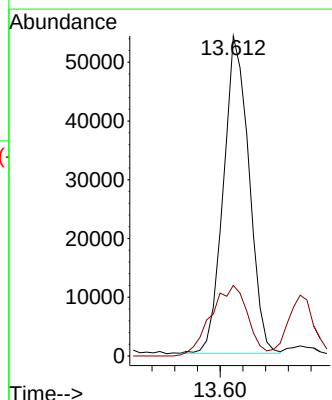
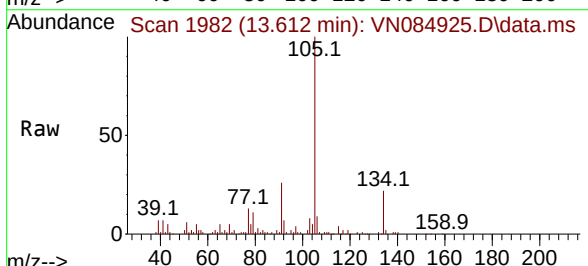
Acq: 18 Nov 2024 17:16

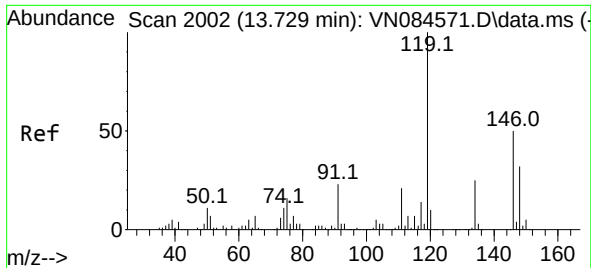
Tgt Ion:105 Resp: 84257

Ion Ratio Lower Upper

105 100

134 32.0 9.8 29.4#

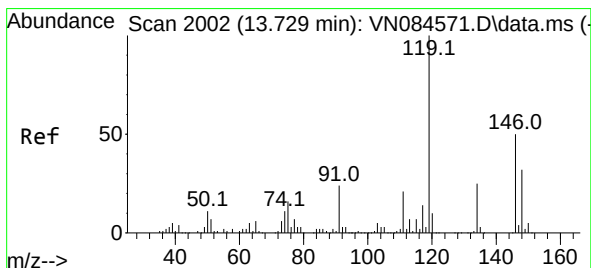
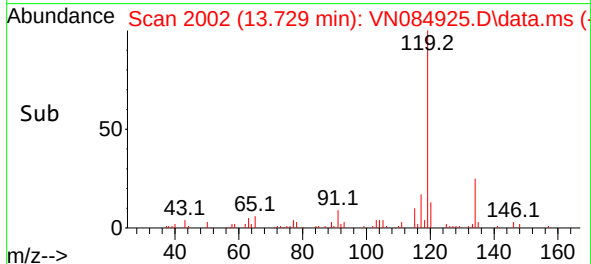
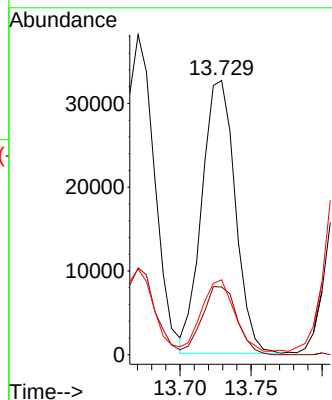
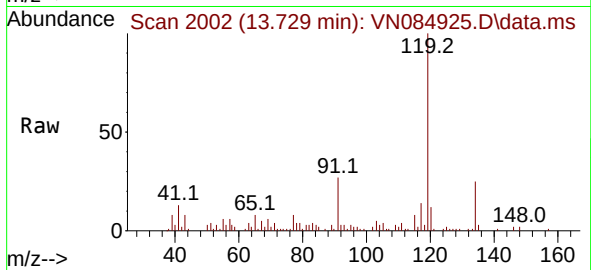




#86
 p-Isopropyltoluene
 Concen: 5.402 ug/l
 RT: 13.729 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: VN084925.D
 Acq: 18 Nov 2024 17:16

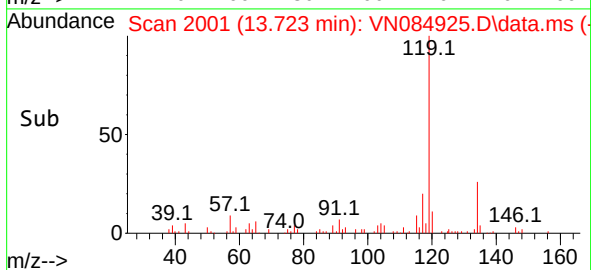
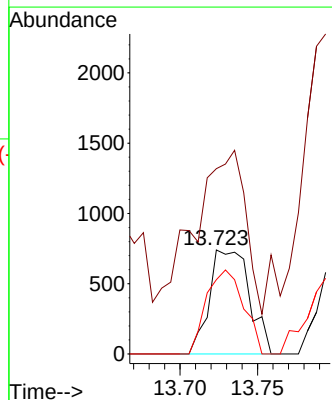
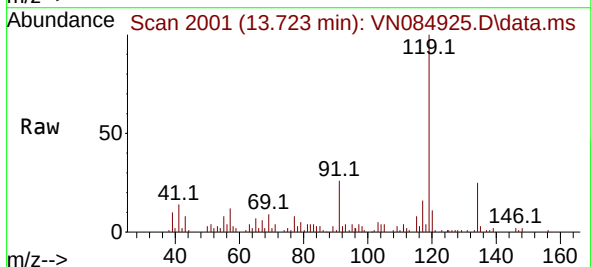
Instrument :
 MSVOA_N
 ClientSampleId :

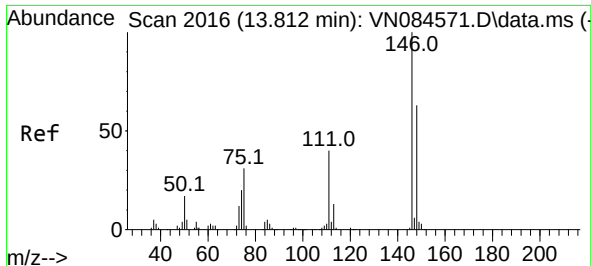
Tgt Ion:119 Resp: 53322
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 25.4 12.4 37.2



#87
 1,3-Dichlorobenzene
 Concen: 0.204 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN084925.D
 Acq: 18 Nov 2024 17:16

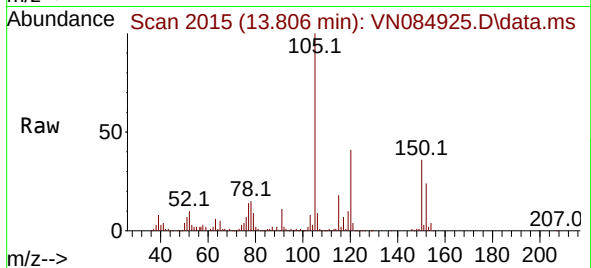
Tgt Ion:146 Resp: 1328
 Ion Ratio Lower Upper
 146 100
 111 195.7 21.8 65.3#
 148 75.0 31.9 95.7



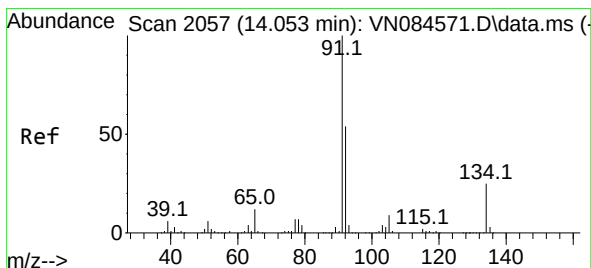
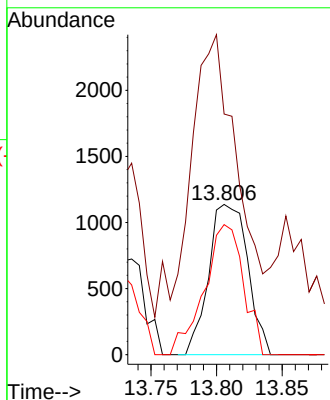
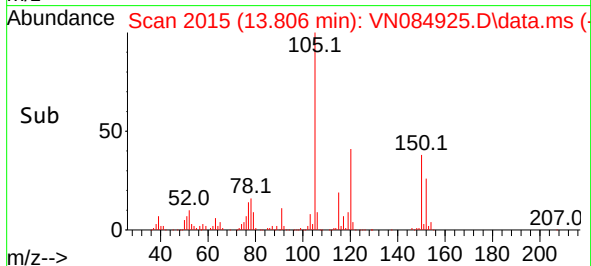


#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.806 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

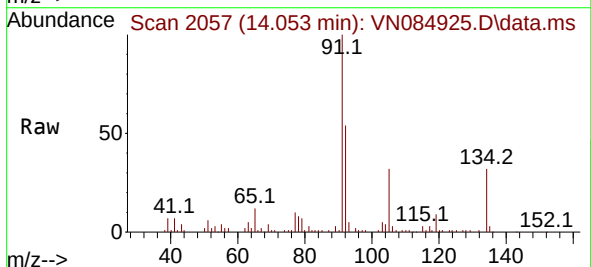
Instrument :
MSVOA_N
ClientSampleId :



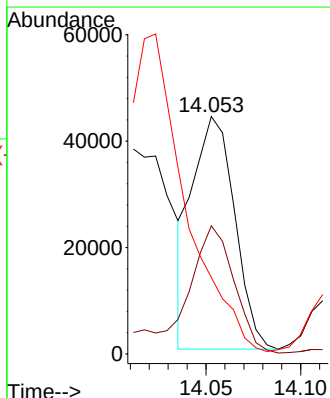
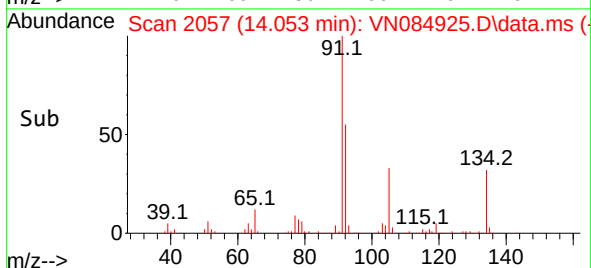
Tgt Ion:146 Resp: 2354
Ion Ratio Lower Upper
146 100
111 219.6 21.2 63.6#
148 86.7 31.9 95.9

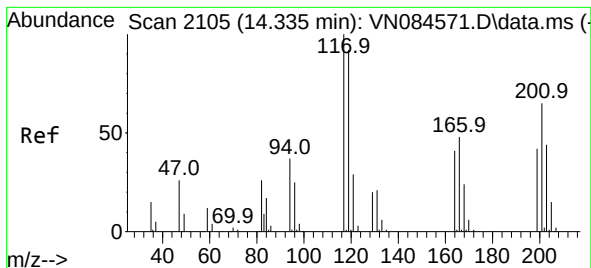


#89
n-Butylbenzene
Concen: 7.369 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16



Tgt Ion: 91 Resp: 68038
Ion Ratio Lower Upper
91 100
92 56.6 26.6 79.7
134 0.0 12.3 36.9#





#90

Hexachloroethane

Concen: 21.630 ug/l

RT: 14.329 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN084925.D

Acq: 18 Nov 2024 17:16

Instrument :

MSVOA_N

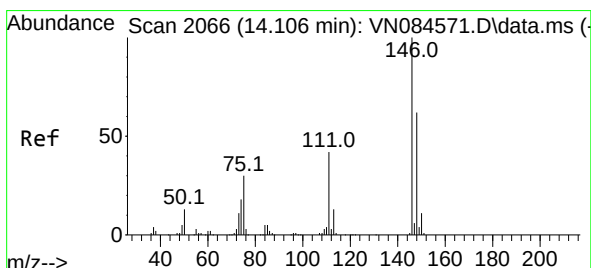
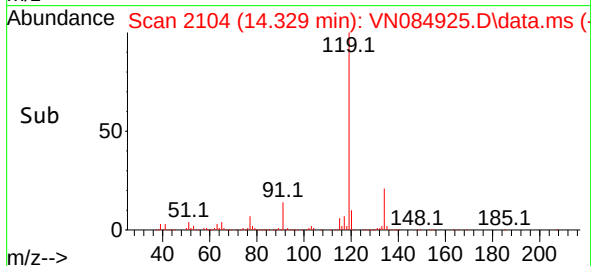
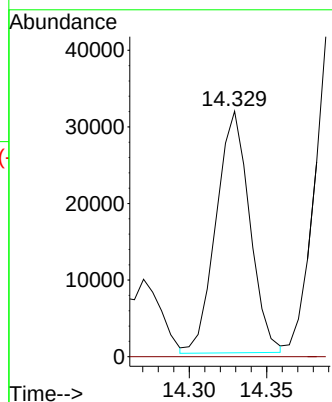
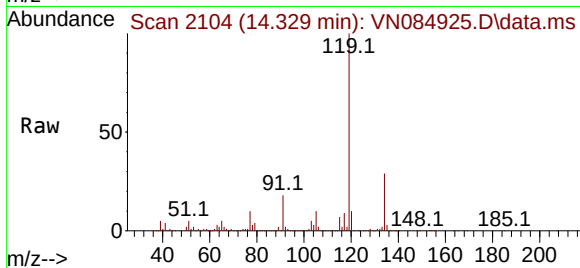
ClientSampleId :

Tgt Ion:117 Resp: 47615

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.2#



#91

1,2-Dichlorobenzene

Concen: 0.636 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084925.D

Acq: 18 Nov 2024 17:16

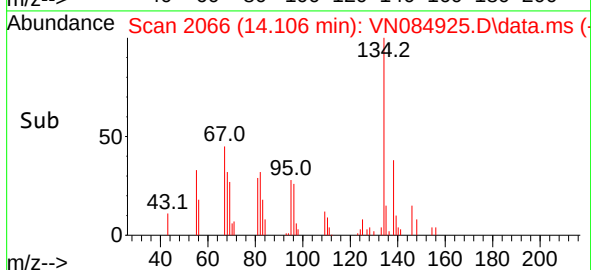
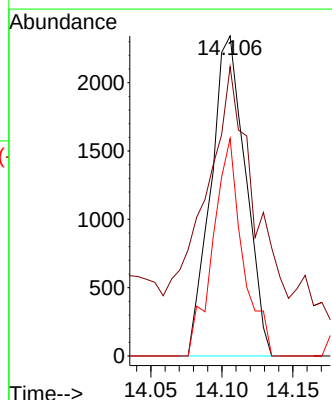
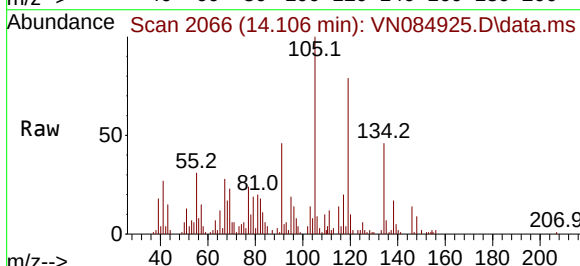
Tgt Ion:146 Resp: 3982

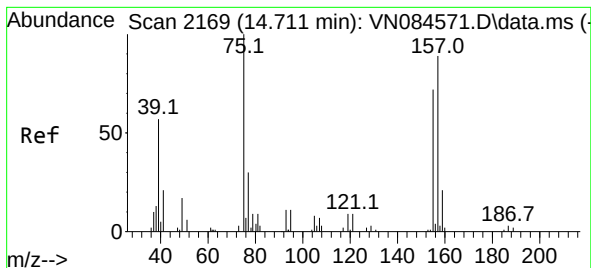
Ion Ratio Lower Upper

146 100

111 87.8 22.0 66.0#

148 58.2 32.1 96.3

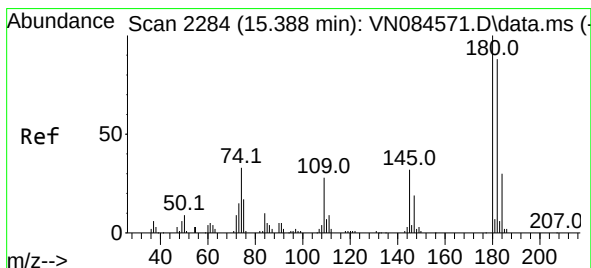
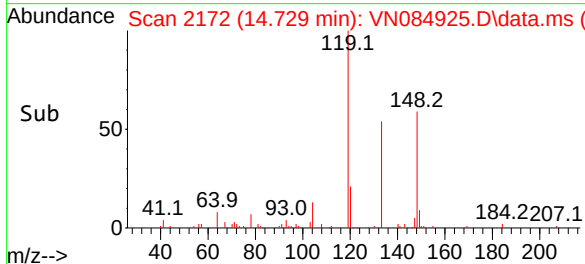
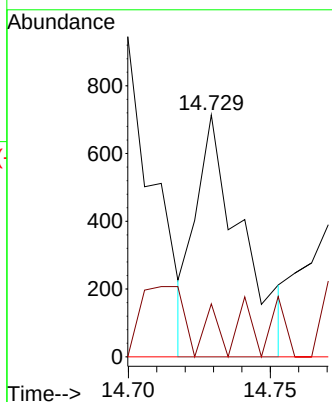
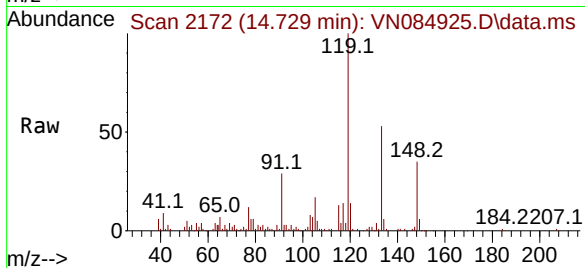




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.951 ug/l
RT: 14.729 min Scan# 2169
Delta R.T. 0.012 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

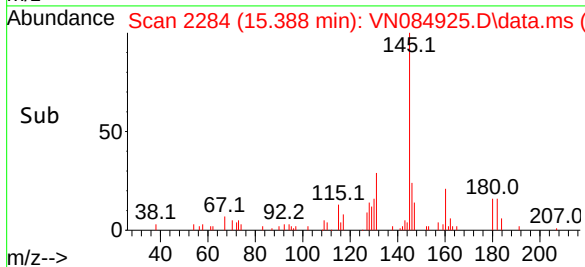
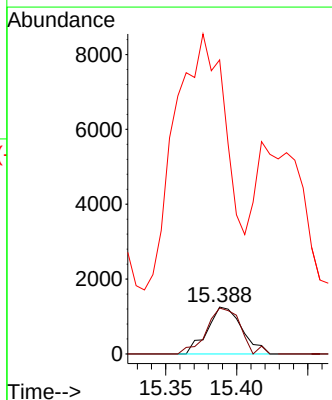
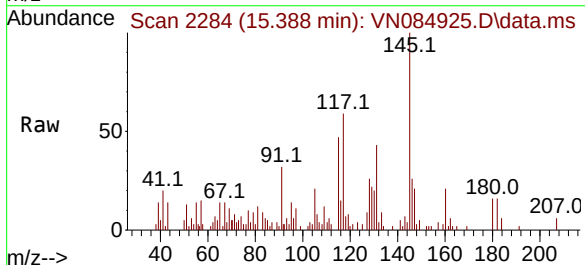
Instrument :
MSVOA_N
ClientSampleId :

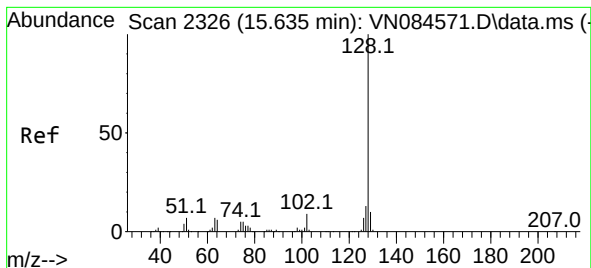
Tgt Ion: 75 Resp: 799
Ion Ratio Lower Upper
75 100
155 0.0 38.1 114.5#
157 0.0 49.6 149.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.617 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN084925.D
Acq: 18 Nov 2024 17:16

Tgt Ion: 180 Resp: 2115
Ion Ratio Lower Upper
180 100
182 96.8 47.0 141.0
145 1137.2 16.4 49.4#





#95

Naphthalene

Concen: 45.877 ug/l

RT: 15.635 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN084925.D

Acq: 18 Nov 2024 17:16

Instrument :

MSVOA_N

ClientSampleId :

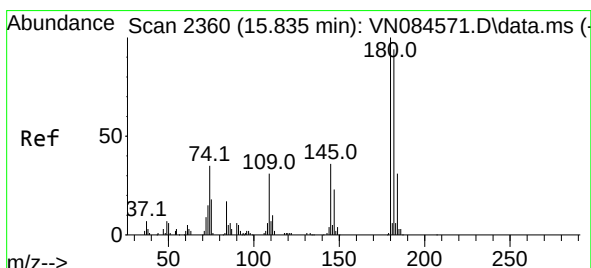
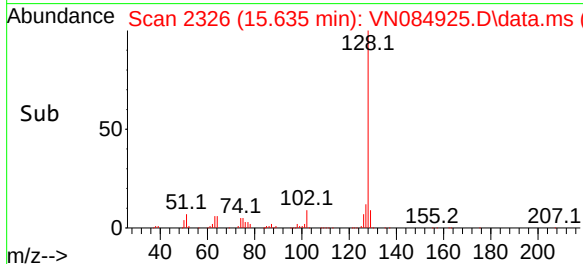
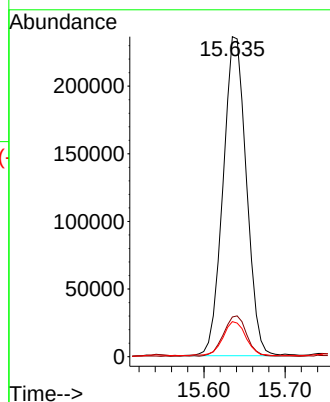
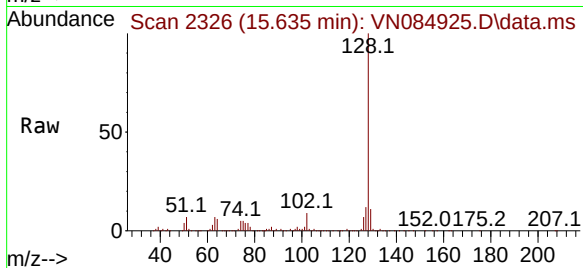
Tgt Ion:128 Resp: 470689

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.475 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084925.D

Acq: 18 Nov 2024 17:16

Tgt Ion:180 Resp: 1582

Ion Ratio Lower Upper

180 100

182 77.7 48.2 144.6

145 0.0 17.3 51.9#

