

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111424\
 Data File : VN084848.D
 Acq On : 14 Nov 2024 13:48
 Operator : JC\MD
 Sample : P4844-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 00:46:20 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	8.212	168	183695	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	9.094	114	303192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	260456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122872	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	121978	45.974	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.940%
35) Dibromofluoromethane	8.159	113	98062	47.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.560%
50) Toluene-d8	10.559	98	353054	46.701	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.400%
62) 4-Bromofluorobenzene	12.847	95	135690	48.026	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.060%

Target Compounds			Qvalue			
3) Chloromethane	2.347	50	518	Below Cal	#	63
4) Vinyl Chloride	2.512	62	796	0.350	ug/l #	76
5) Bromomethane	2.906	94	524	0.435	ug/l #	74
6) Chloroethane	3.141	64	65	Below Cal	#	45
8) Diethyl Ether	3.947	74	4810	3.644	ug/l	98
11) Tert butyl alcohol	5.547	59	3085955	8811.675	ug/l	100
14) Allyl chloride	4.947	41	23953	7.060	ug/l #	37
15) Acrylonitrile	5.553	53	25772	25.420	ug/l #	14
16) Acetone	4.424	43	57994	73.658	ug/l	99
17) Carbon Disulfide	4.688	76	8058	1.251	ug/l	98
18) Methyl Acetate	5.024	43	3043	Below Cal	#	66
19) Methyl tert-butyl Ether	5.788	73	12993	2.026	ug/l #	81
25) 2-Butanone	7.459	43	89875	72.609	ug/l #	75
26) 2,2-Dichloropropane	7.453	77	121650	34.535	ug/l #	54
27) cis-1,2-Dichloroethene	7.482	96	3743	1.492	ug/l #	16
28) Bromochloromethane	7.829	49	1627	1.009	ug/l #	15
29) Tetrahydrofuran	7.829	42	752337	916.176	ug/l	92
31) Cyclohexane	8.206	56	4109	1.122	ug/l #	13
37) Ethyl Acetate	7.553	43	9084	3.518	ug/l #	69
38) Carbon Tetrachloride	8.212	117	19560	6.148	ug/l #	16
40) Benzene	8.594	78	33399	3.654	ug/l	96
41) Methacrylonitrile	7.835	41	423869	305.232	ug/l #	45
42) 1,2-Dichloroethane	8.659	62	1545	0.522	ug/l #	75
43) Isopropyl Acetate	8.665	43	12885	1.770	ug/l #	58
44) Trichloroethene	9.341	130	456	0.216	ug/l	74
49) 1,4-Dioxane	9.694	88	3780	106.137	ug/l	96
51) 4-Methyl-2-Pentanone	10.559	43	8808	3.578	ug/l	97
52) Toluene	10.623	92	51565	9.646	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	1521	0.461	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	832	0.238	ug/l #	35
55) 1,1,2-Trichloroethane	10.917	97	777	0.386	ug/l #	53
58) 2-Chloroethyl Vinyl ether	10.165	63	487	0.357	ug/l #	48
59) 2-Hexanone	11.059	43	10692	5.967	ug/l	67
64) Tetrachloroethene	11.100	164	483	0.279	ug/l #	79
65) Chlorobenzene	11.888	112	8433	1.447	ug/l	93
67) Ethyl Benzene	11.959	91	93482	9.611	ug/l	94

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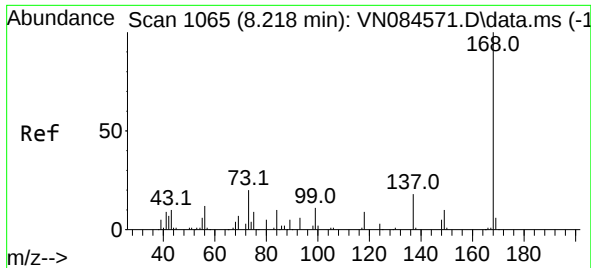
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

68) m/p-Xylenes	12.064	106	41473	11.263	ug/l	98
69) o-Xylene	12.394	106	20990	6.093	ug/l	92
70) Styrene	12.411	104	7848	1.306	ug/l #	66
73) Isopropylbenzene	12.694	105	9651	1.121	ug/l	98
74) N-amyl acetate	12.488	43	2312	0.631	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	12.929	83	706	0.246	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	71599	29.151	ug/l #	1
77) Bromobenzene	12.976	156	1246	0.538	ug/l	91
78) n-propylbenzene	13.035	91	9460	0.938	ug/l	99
79) 2-Chlorotoluene	13.123	91	5550	0.842	ug/l	80
80) 1,3,5-Trimethylbenzene	13.164	105	8465	1.186	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.847	75	71599	69.158	ug/l #	11
82) 4-Chlorotoluene	13.123	91	5550	0.800	ug/l	80
83) tert-Butylbenzene	13.435	119	1430	0.242	ug/l #	52
84) 1,2,4-Trimethylbenzene	13.482	105	26726	3.628	ug/l	95
85) sec-Butylbenzene	13.611	105	4822	0.578	ug/l	92
86) p-Isopropyltoluene	13.729	119	65804	9.617	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	3664	0.811	ug/l	84
88) 1,4-Dichlorobenzene	13.811	146	13406	2.396	ug/l	87
89) n-Butylbenzene	14.053	91	6216	0.971	ug/l	86
90) Hexachloroethane	14.329	117	413	0.271	ug/l #	32
91) 1,2-Dichlorobenzene	14.105	146	3293	0.759	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.705	75	708	1.216	ug/l #	48
93) 1,2,4-Trichlorobenzene	15.382	180	4275	1.799	ug/l	95
94) Hexachlorobutadiene	15.499	225	1245	1.193	ug/l	86
95) Naphthalene	15.635	128	151473	21.298	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	4341	1.882	ug/l	99

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

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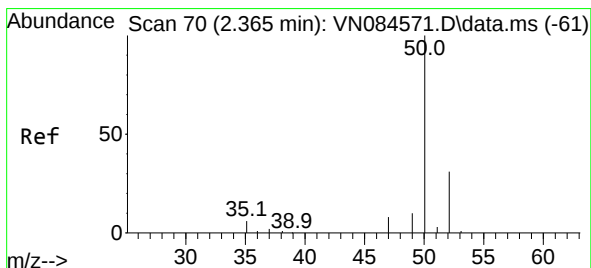
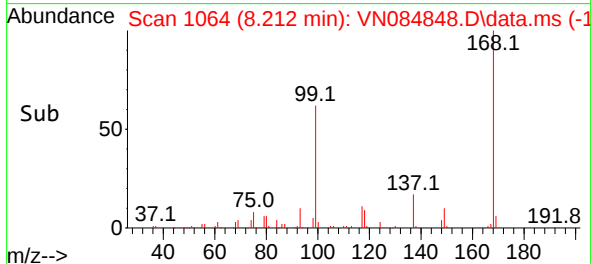
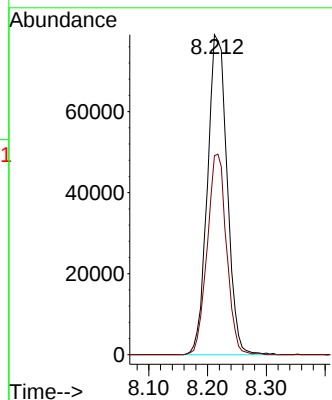
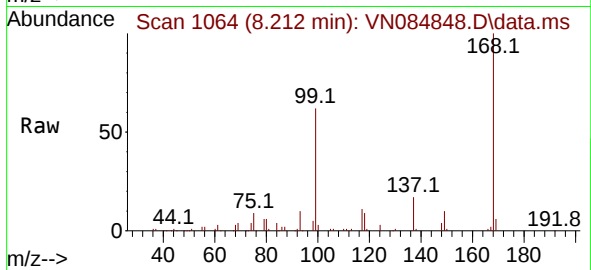




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN084848.D
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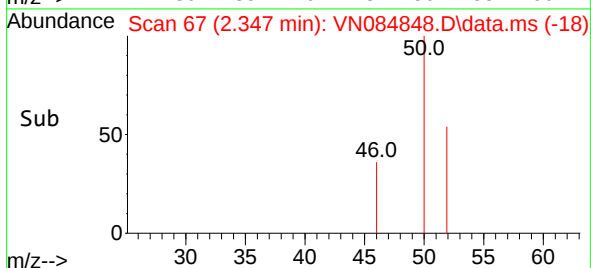
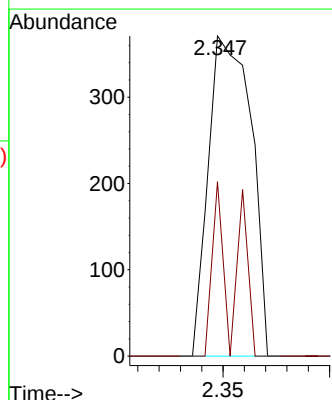
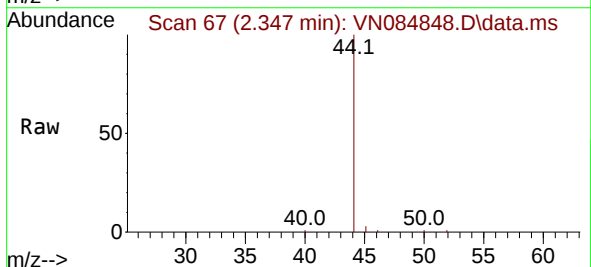
Instrument :
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ClientSampleId :

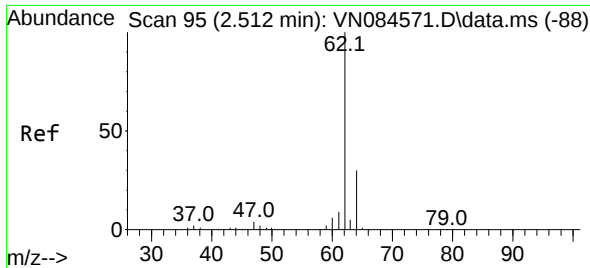
Tgt Ion:168 Resp: 183695
Ion Ratio Lower Upper
168 100
99 62.2 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.347 min Scan# 67
Delta R.T. -0.012 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Tgt Ion: 50 Resp: 518
Ion Ratio Lower Upper
50 100
52 54.4 26.8 40.2#

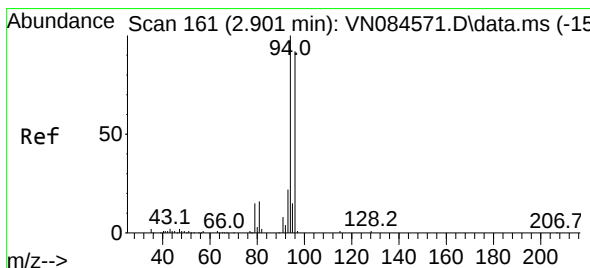
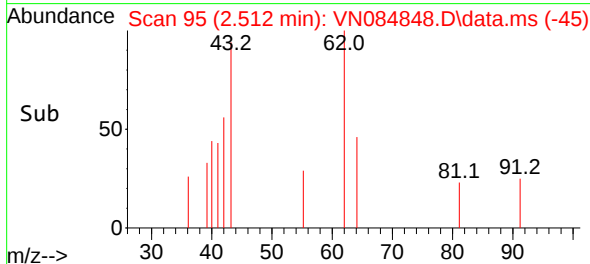
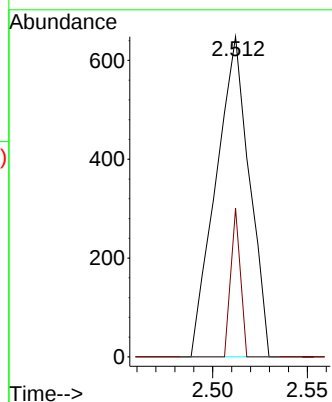
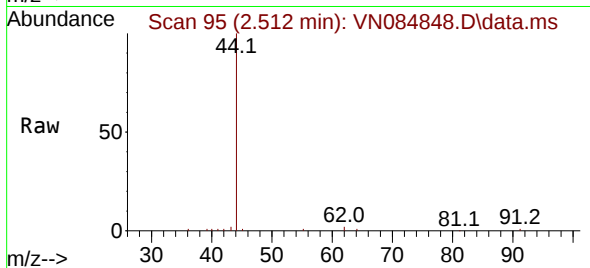




#4
 Vinyl Chloride
 Concen: 0.350 ug/l
 RT: 2.512 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN084848.D
 Acq: 14 Nov 2024 13:48

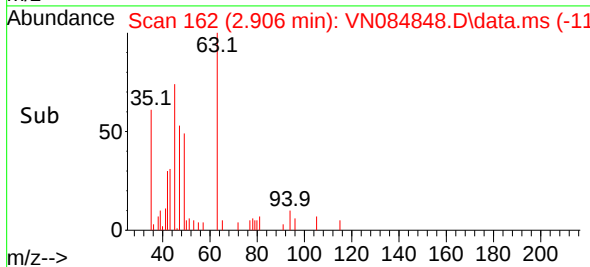
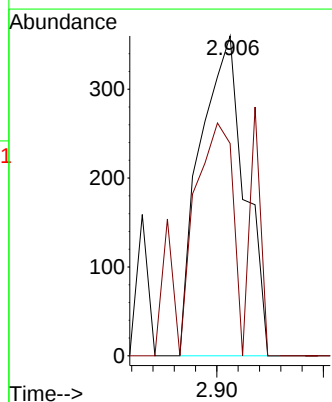
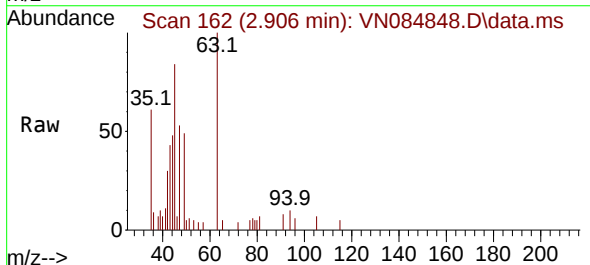
Instrument :
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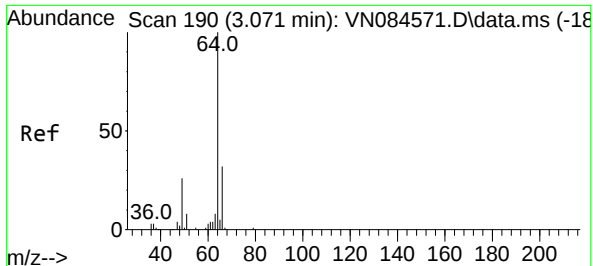
Tgt Ion: 62 Resp: 796
 Ion Ratio Lower Upper
 62 100
 64 46.5 26.2 39.4#



#5
 Bromomethane
 Concen: 0.435 ug/l
 RT: 2.906 min Scan# 162
 Delta R.T. -0.047 min
 Lab File: VN084848.D
 Acq: 14 Nov 2024 13:48

Tgt Ion: 94 Resp: 524
 Ion Ratio Lower Upper
 94 100
 96 66.4 72.9 109.3#

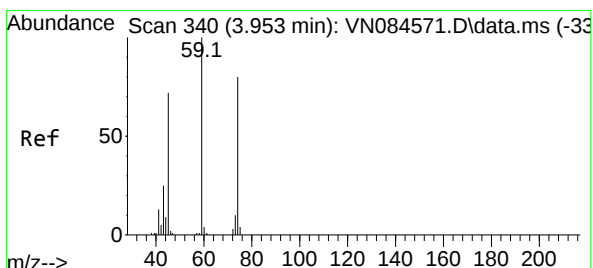
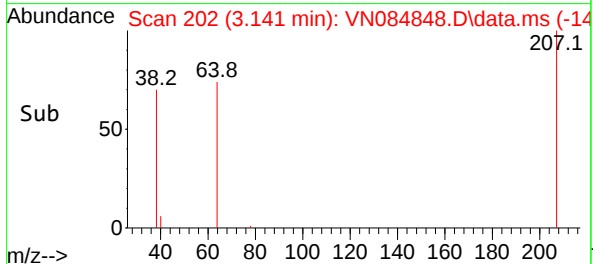
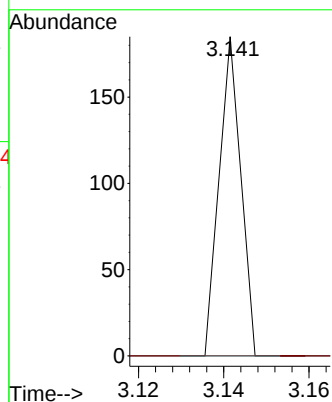
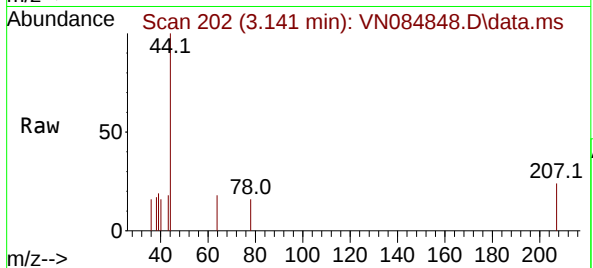




#6
Chloroethane
Concen: Below Cal
RT: 3.141 min Scan# 207
Delta R.T. 0.023 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

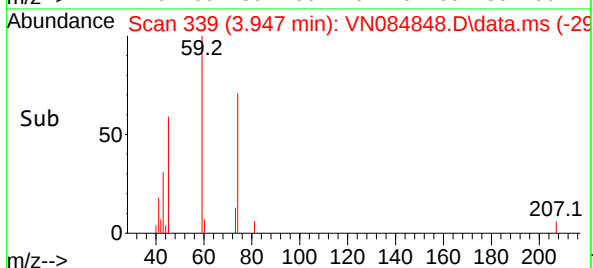
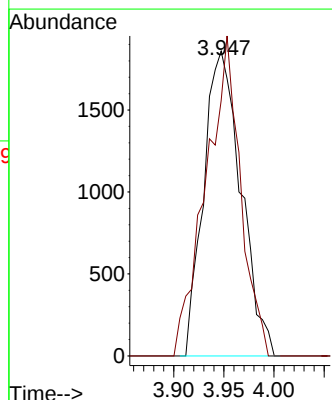
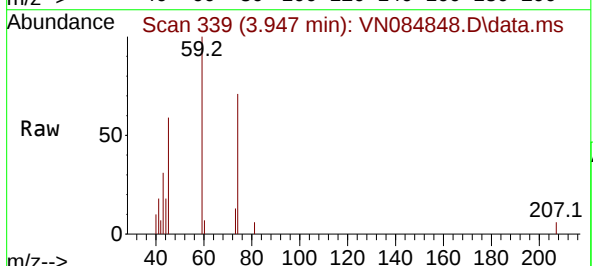
Instrument :
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ClientSampleId :

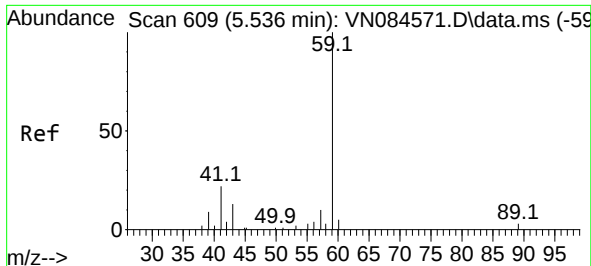
Tgt Ion: 64 Resp: 65
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#8
Diethyl Ether
Concen: 3.644 ug/l
RT: 3.947 min Scan# 339
Delta R.T. -0.012 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

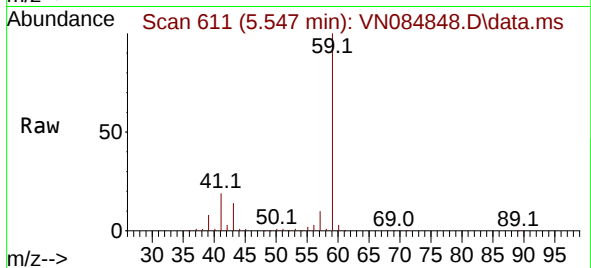
Tgt Ion: 74 Resp: 4810
Ion Ratio Lower Upper
74 100
45 97.4 47.7 143.1



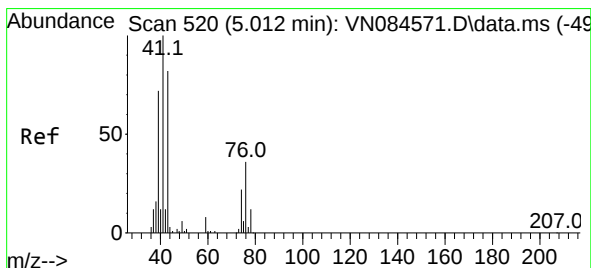
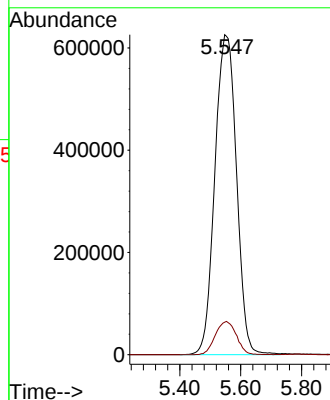
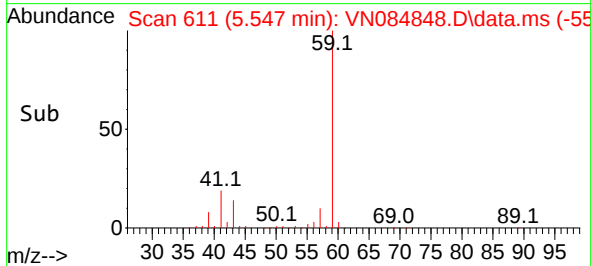


#11
Tert butyl alcohol
Concen: 8811.675 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.023 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

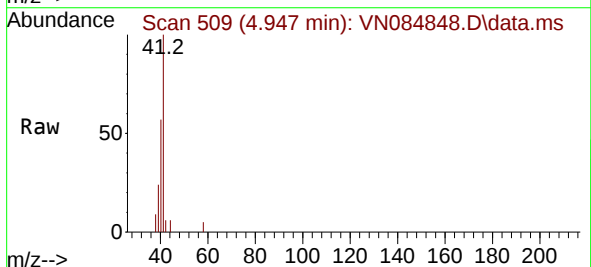
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ClientSampleId :



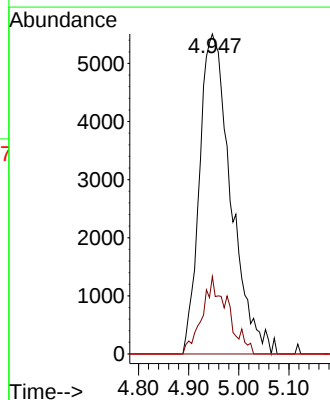
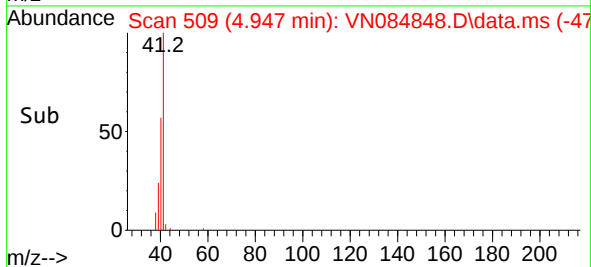
Tgt Ion: 59 Resp: 3085955
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

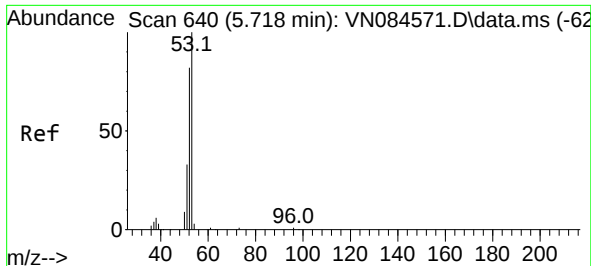


#14
Allyl chloride
Concen: 7.060 ug/l
RT: 4.947 min Scan# 509
Delta R.T. -0.077 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48



Tgt Ion: 41 Resp: 23953
Ion Ratio Lower Upper
41 100
39 19.9 59.0 88.6#
76 0.0 29.8 44.6#

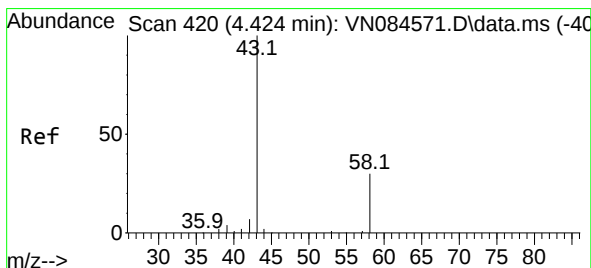
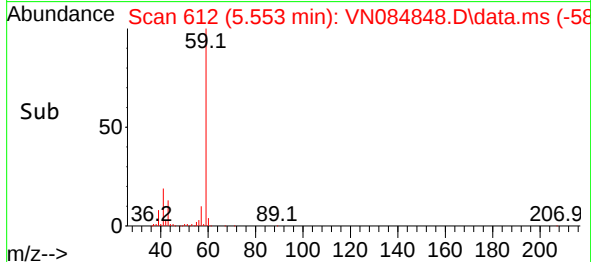
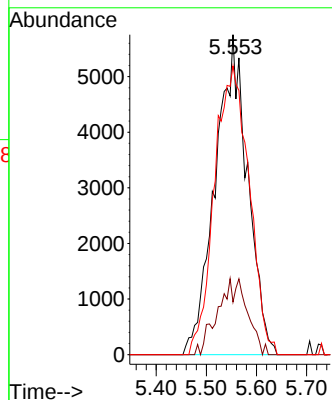
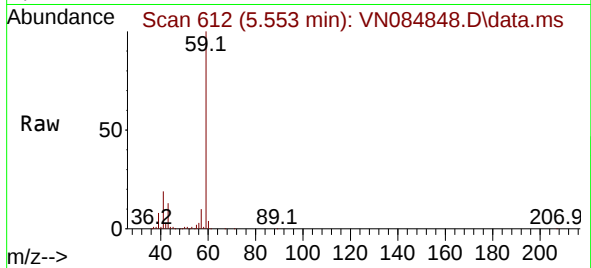




#15
Acrylonitrile
Concen: 25.420 ug/l
RT: 5.553 min Scan# 61
Delta R.T. -0.165 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

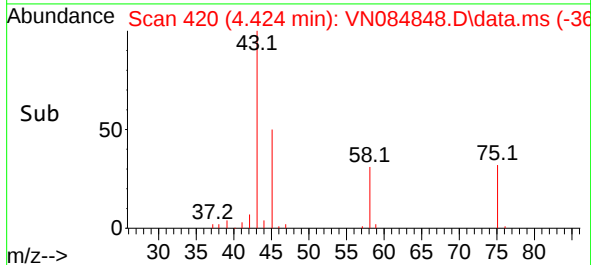
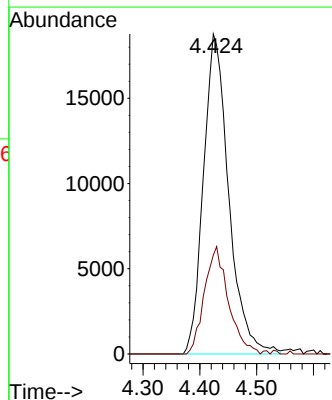
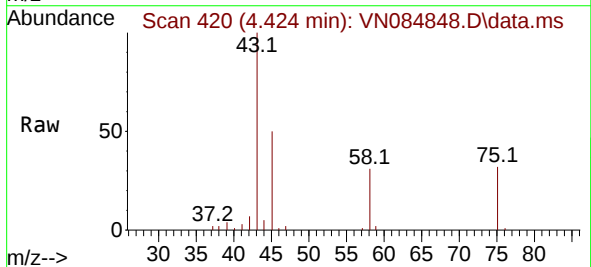
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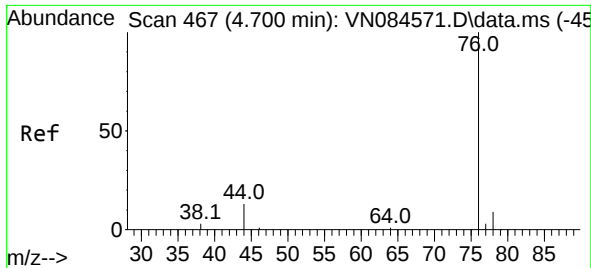
Tgt Ion: 53 Resp: 25772
Ion Ratio Lower Upper
53 100
52 11.8 66.2 99.4#
51 96.6 28.8 43.2#



#16
Acetone
Concen: 73.658 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

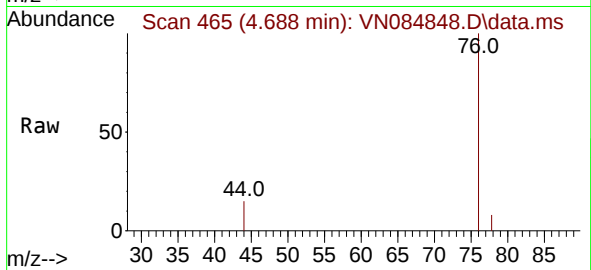
Tgt Ion: 43 Resp: 57994
Ion Ratio Lower Upper
43 100
58 30.9 24.4 36.6



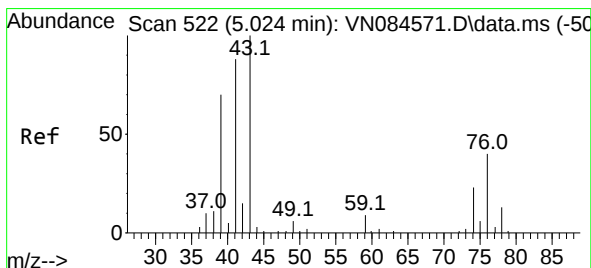
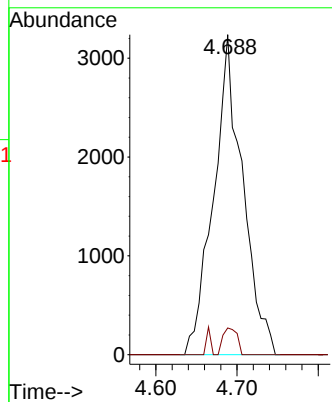
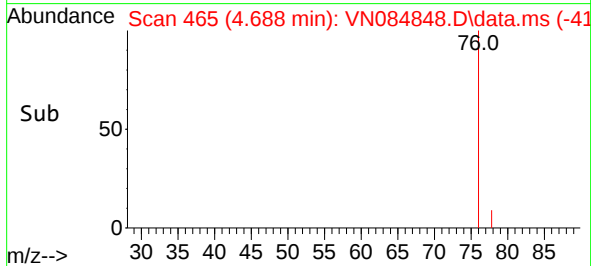


#17
Carbon Disulfide
Concen: 1.251 ug/l
RT: 4.688 min Scan# 41
Delta R.T. -0.024 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Instrument :
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ClientSampleId :

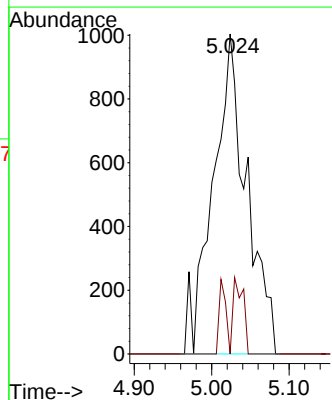
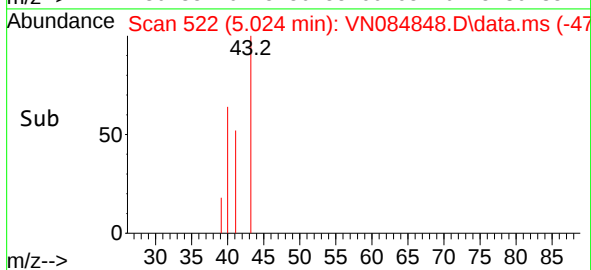
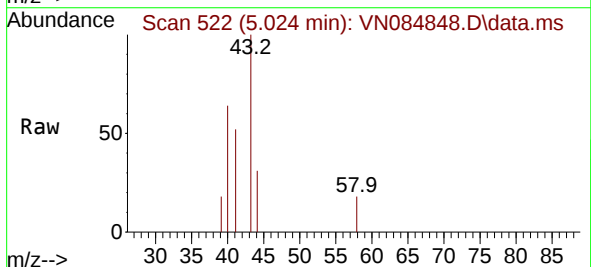


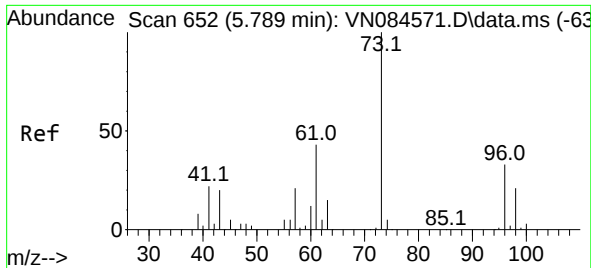
Tgt Ion: 76 Resp: 8058
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Tgt Ion: 43 Resp: 3043
Ion Ratio Lower Upper
43 100
74 7.2 19.2 28.8#

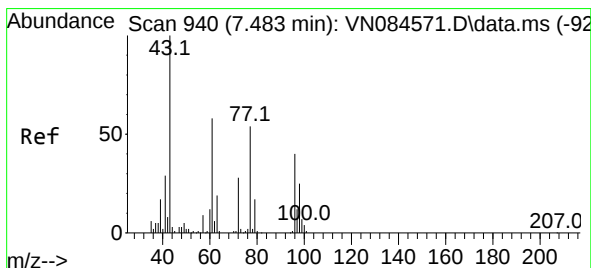
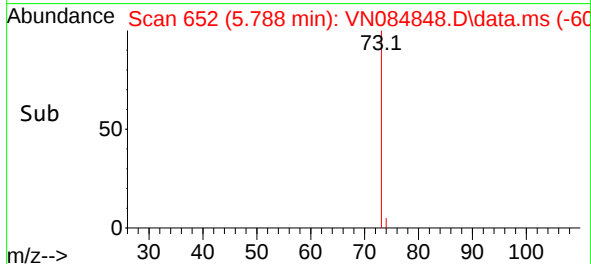
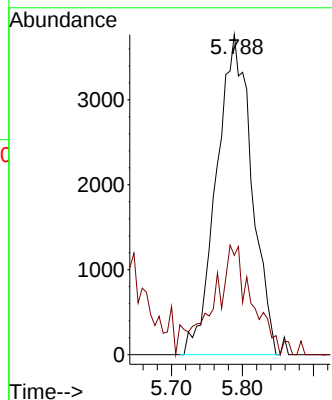
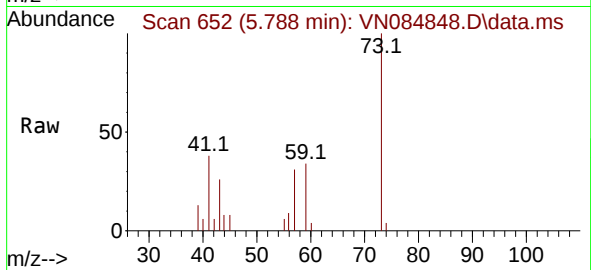




#19
Methyl tert-butyl Ether
Concen: 2.026 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

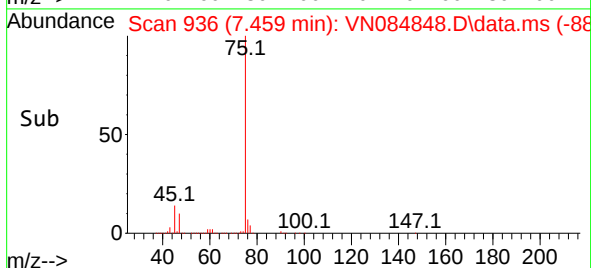
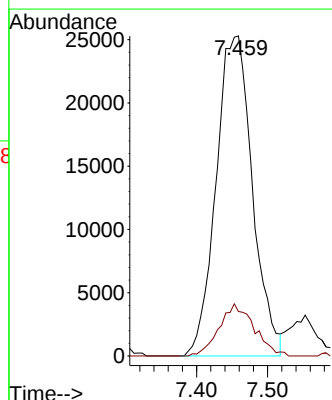
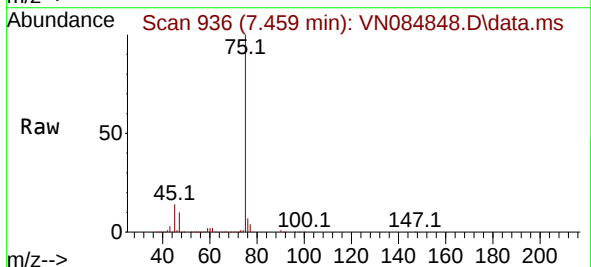
Instrument :
MSVOA_N
ClientSampleId :

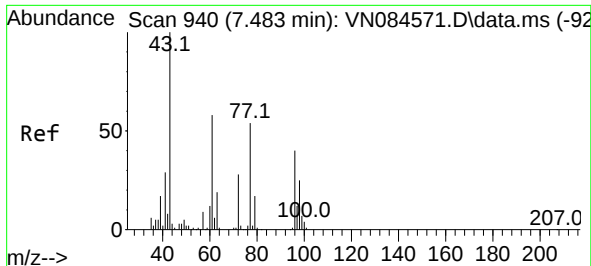
Tgt Ion: 73 Resp: 12993
Ion Ratio Lower Upper
73 100
57 31.0 17.7 26.5#



#25
2-Butanone
Concen: 72.609 ug/l
RT: 7.459 min Scan# 936
Delta R.T. -0.024 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Tgt Ion: 43 Resp: 89875
Ion Ratio Lower Upper
43 100
72 13.9 21.4 32.2#

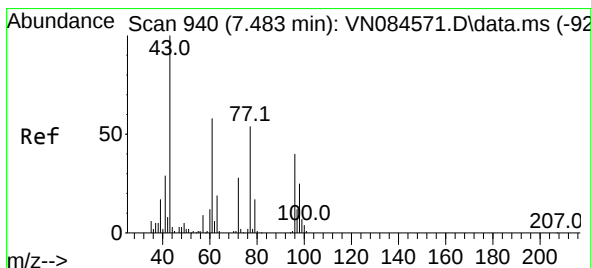
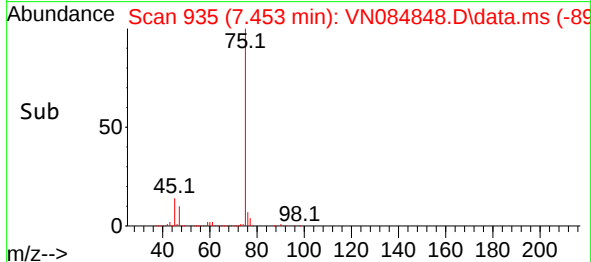
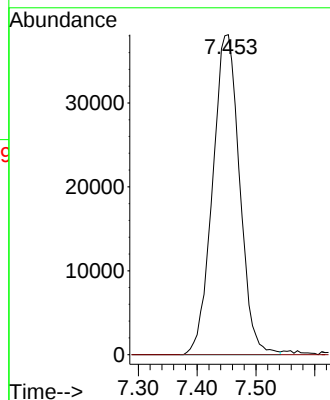
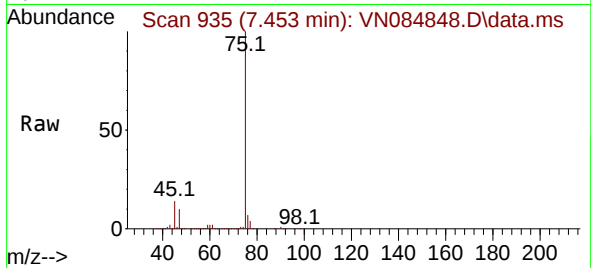




#26
2,2-Dichloropropane
Concen: 34.535 ug/l
RT: 7.453 min Scan# 91
Delta R.T. -0.036 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

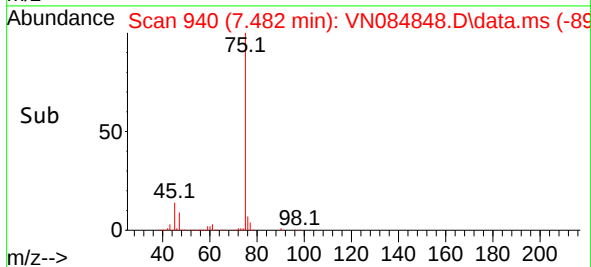
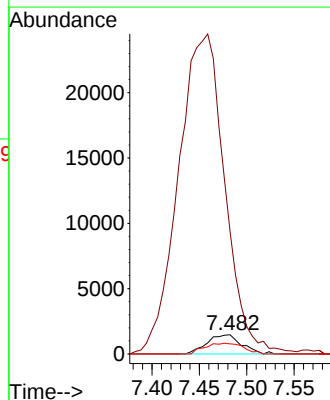
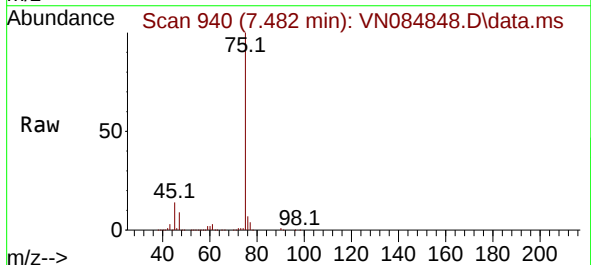
Instrument :
MSVOA_N
ClientSampleId :

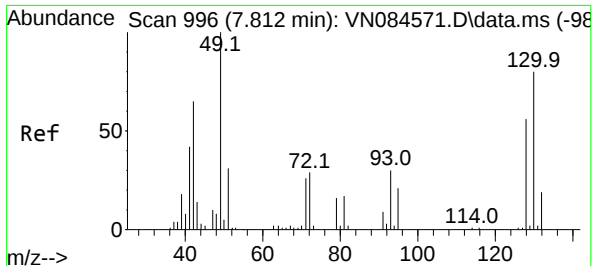
Tgt Ion: 77 Resp: 121650
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#27
cis-1,2-Dichloroethene
Concen: 1.492 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Tgt Ion: 96 Resp: 3743
Ion Ratio Lower Upper
96 100
61 0.0 0.0 301.8
98 62.2 0.0 128.2

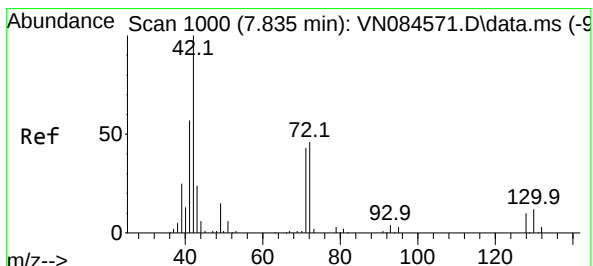
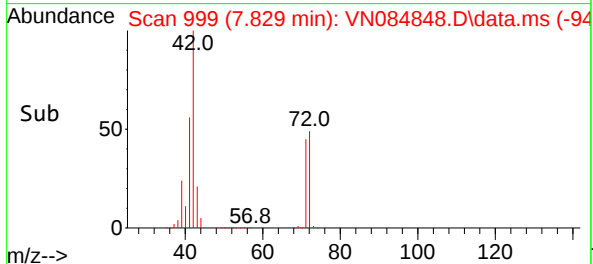
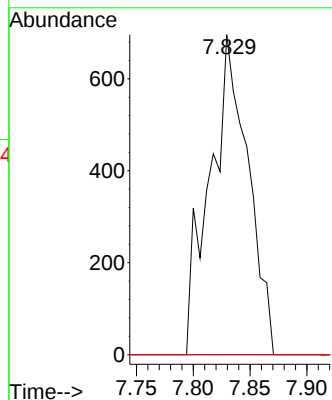
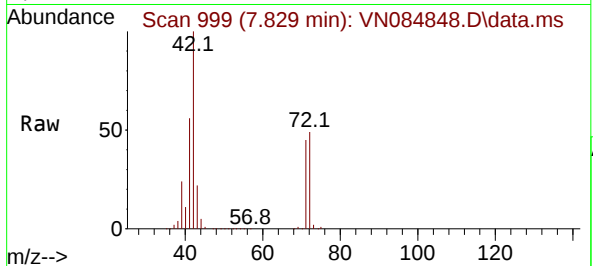




#28
Bromochloromethane
Concen: 1.009 ug/l
RT: 7.829 min Scan# 999
Delta R.T. 0.017 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

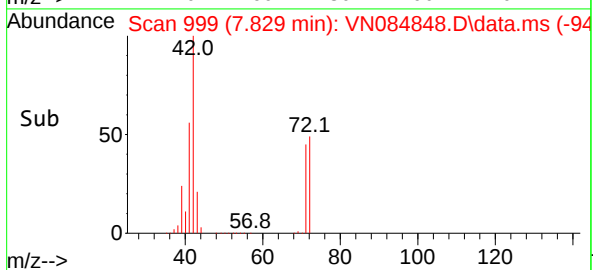
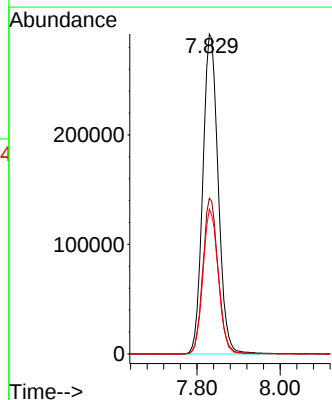
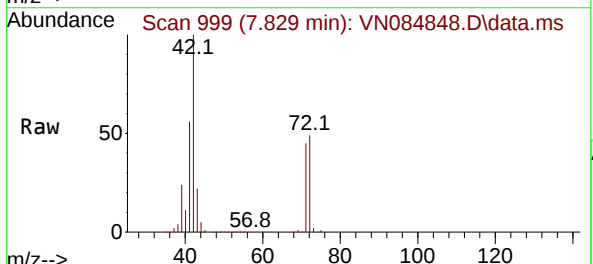
Instrument :
MSVOA_N
ClientSampleId :

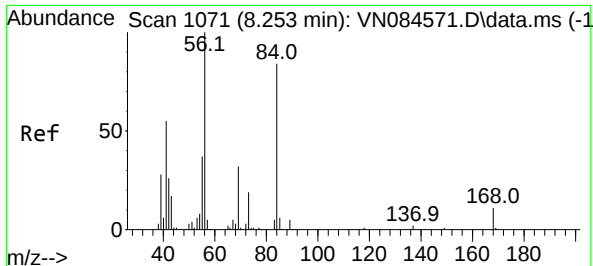
Tgt Ion: 49 Resp: 1627
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 58.0 87.0#



#29
Tetrahydrofuran
Concen: 916.176 ug/l
RT: 7.829 min Scan# 999
Delta R.T. -0.006 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

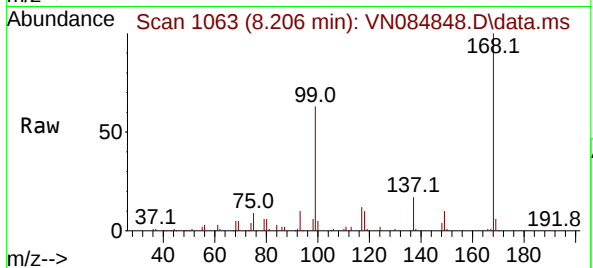
Tgt Ion: 42 Resp: 752337
Ion Ratio Lower Upper
42 100
72 48.1 34.6 51.8
71 45.1 32.2 48.4



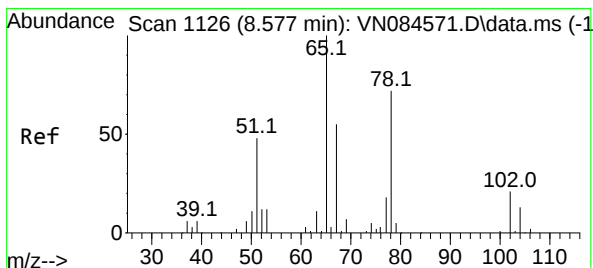
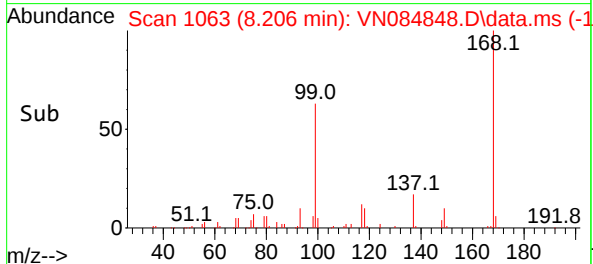
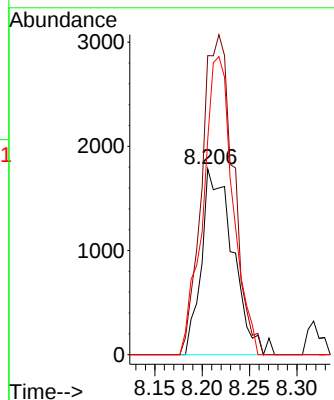


#31
Cyclohexane
Concen: 1.122 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.047 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :

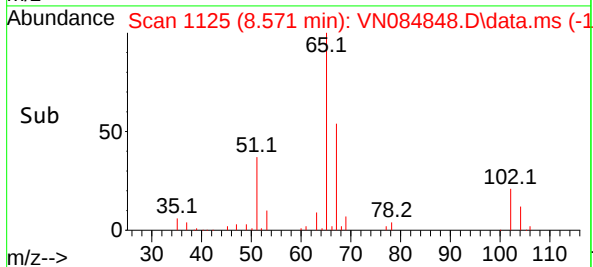
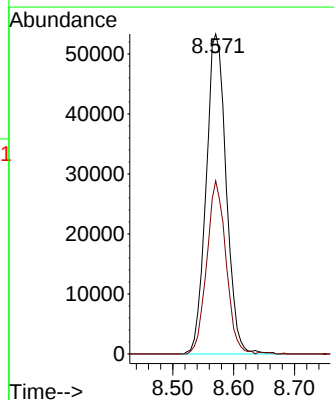
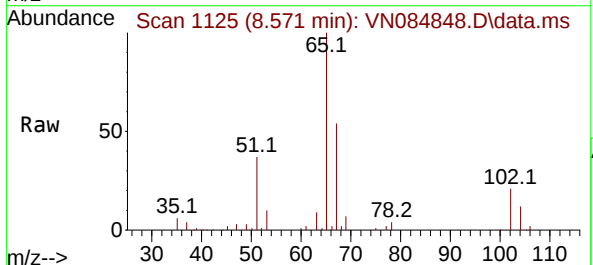


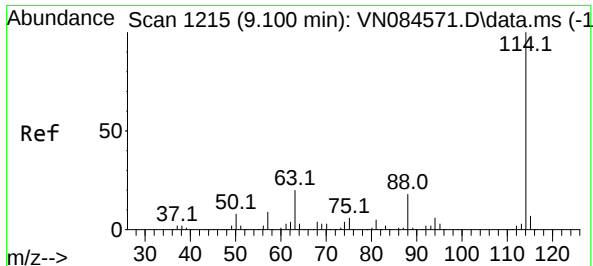
Tgt Ion: 56 Resp: 4109
Ion Ratio Lower Upper
56 100
69 161.0 23.8 35.6#
84 115.7 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 45.974 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Tgt Ion: 65 Resp: 121978
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN084848.D

Acq: 14 Nov 2024 13:48

Instrument :

MSVOA_N

ClientSampleId :

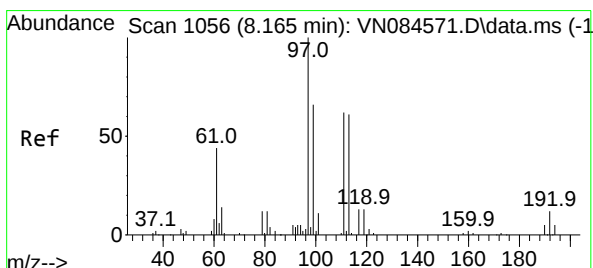
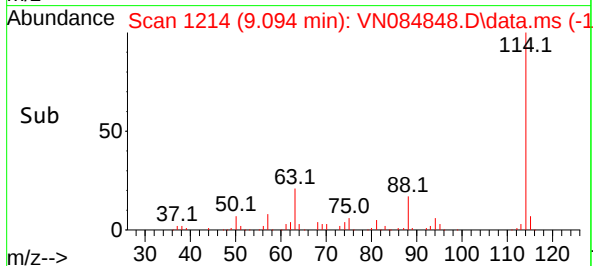
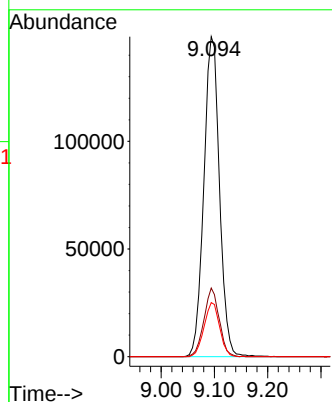
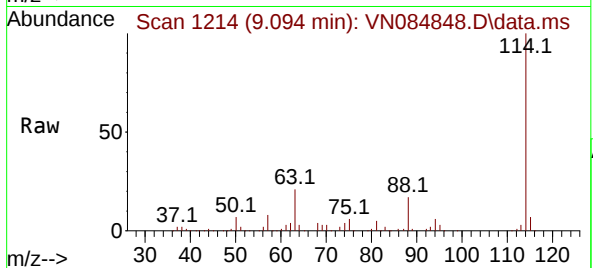
Tgt Ion:114 Resp: 303192

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.8

88 16.9 0.0 31.6



#35

Dibromofluoromethane

Concen: 47.783 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084848.D

Acq: 14 Nov 2024 13:48

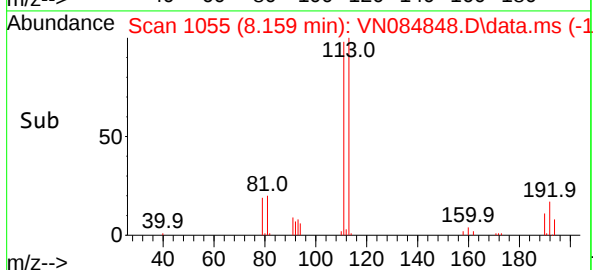
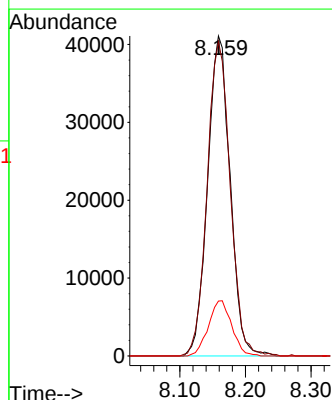
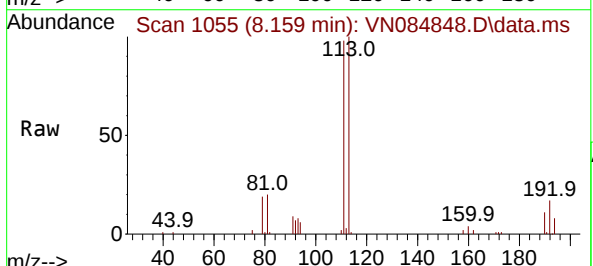
Tgt Ion:113 Resp: 98062

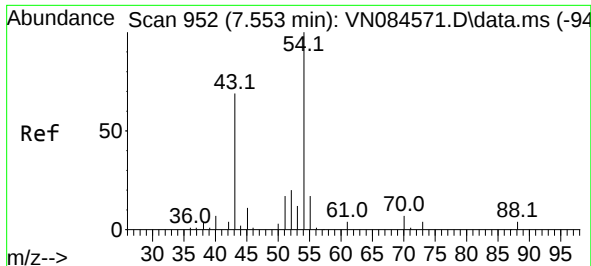
Ion Ratio Lower Upper

113 100

111 100.5 83.3 124.9

192 17.9 13.5 20.3





#37

Ethyl Acetate

Concen: 3.518 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN084848.D

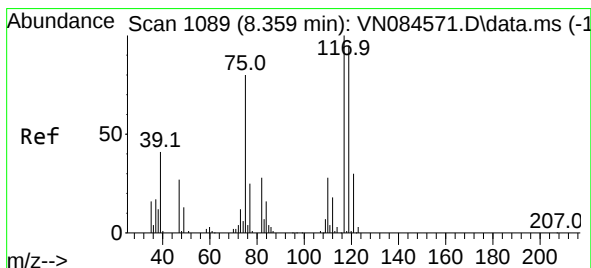
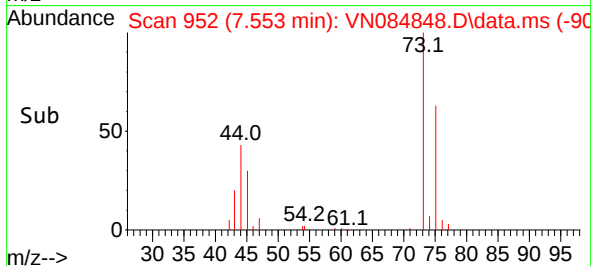
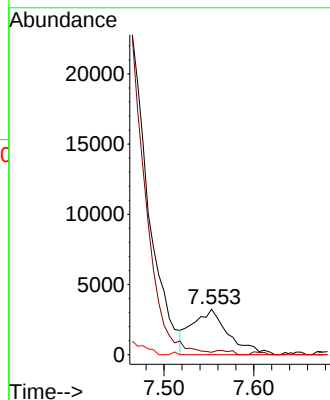
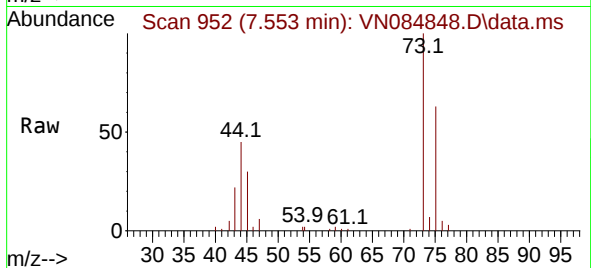
Acq: 14 Nov 2024 13:48

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	43	Resp:	9084
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.7	16.1#
70	0.0	8.8	13.2#



#38

Carbon Tetrachloride

Concen: 6.148 ug/l

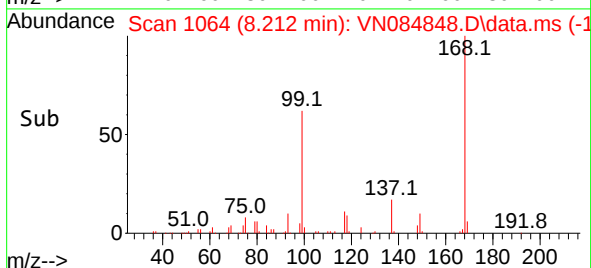
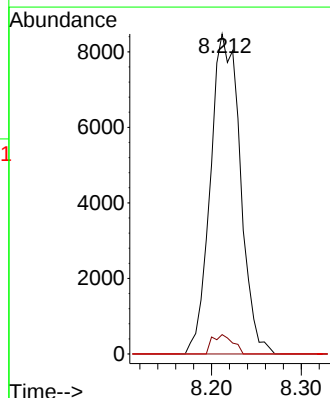
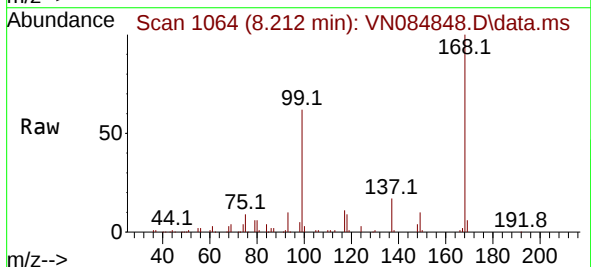
RT: 8.212 min Scan# 1064

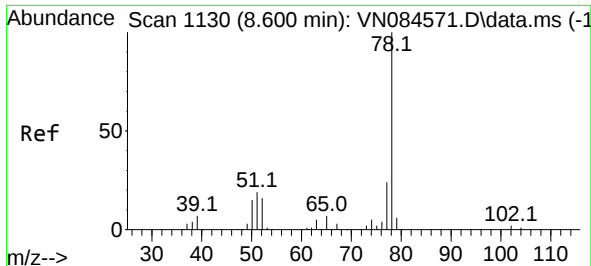
Delta R.T. -0.147 min

Lab File: VN084848.D

Acq: 14 Nov 2024 13:48

Tgt Ion:	117	Resp:	19560
Ion	Ratio	Lower	Upper
117	100		
119	6.1	78.7	118.1#
121	0.0	24.4	36.6#





#40

Benzene

Concen: 3.654 ug/l

RT: 8.594 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN084848.D

Acq: 14 Nov 2024 13:48

Instrument :

MSVOA_N

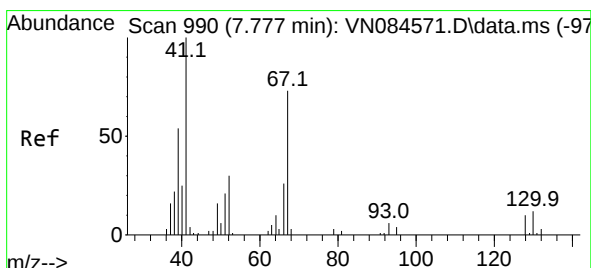
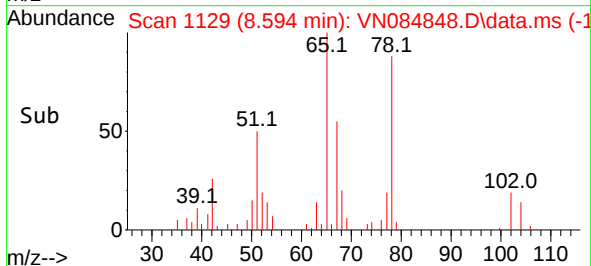
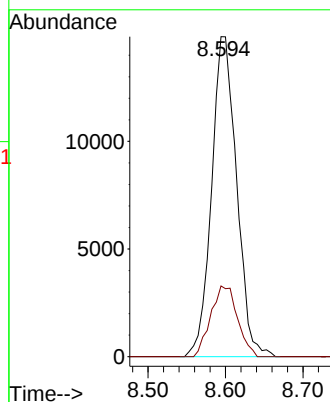
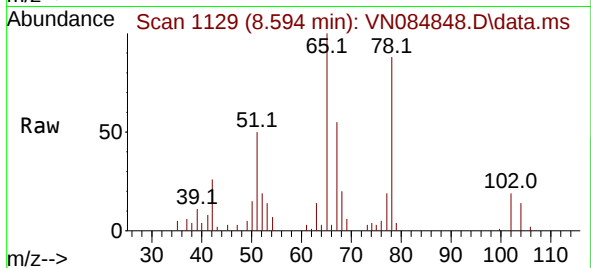
ClientSampleId :

Tgt Ion: 78 Resp: 33399

Ion Ratio Lower Upper

78 100

77 22.1 19.1 28.7



#41

Methacrylonitrile

Concen: 305.232 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.058 min

Lab File: VN084848.D

Acq: 14 Nov 2024 13:48

Tgt Ion: 41 Resp: 423869

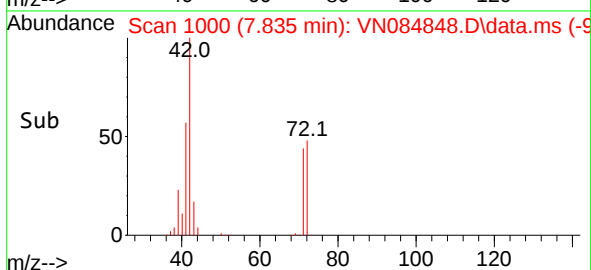
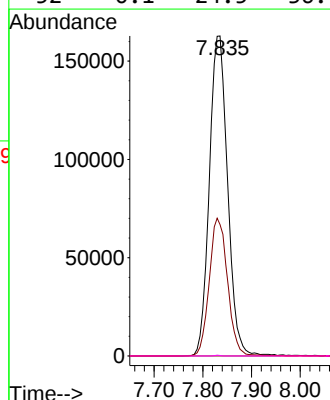
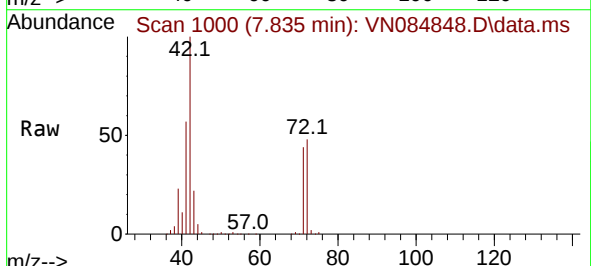
Ion Ratio Lower Upper

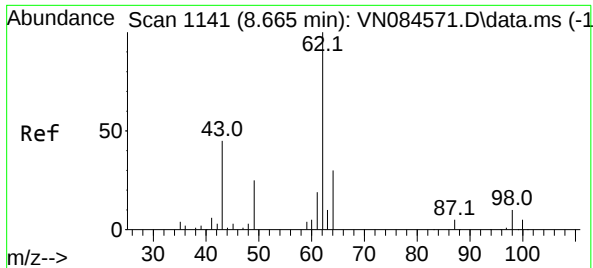
41 100

39 43.1 43.3 64.9#

67 0.0 56.1 84.1#

52 0.1 24.5 36.7#

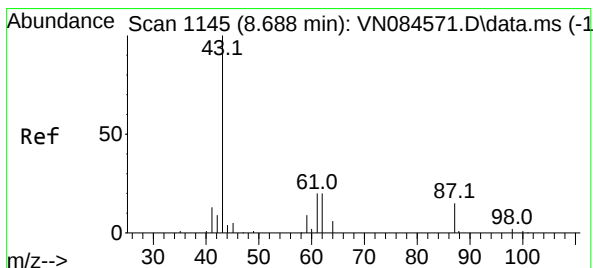
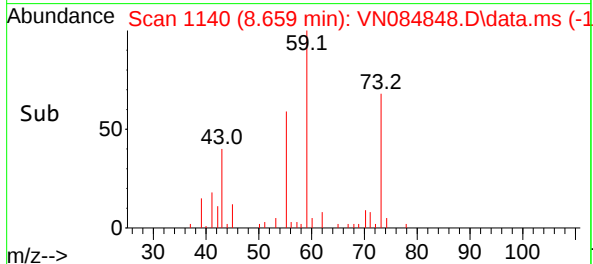
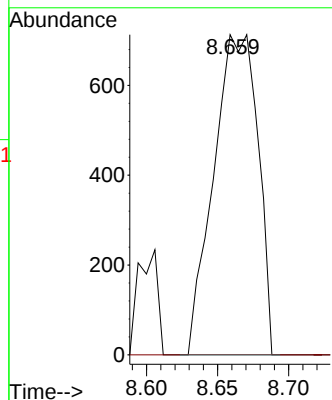
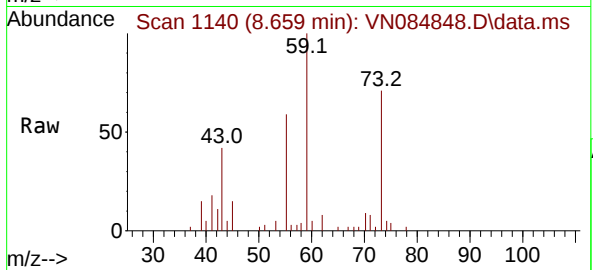




#42
1,2-Dichloroethane
Concen: 0.522 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. -0.012 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

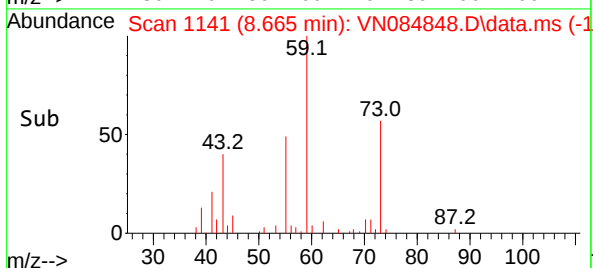
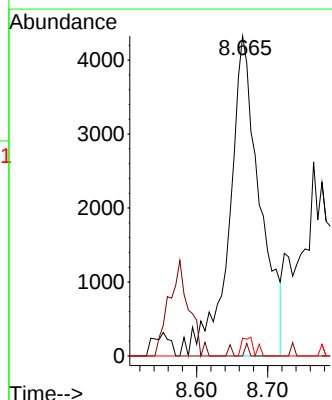
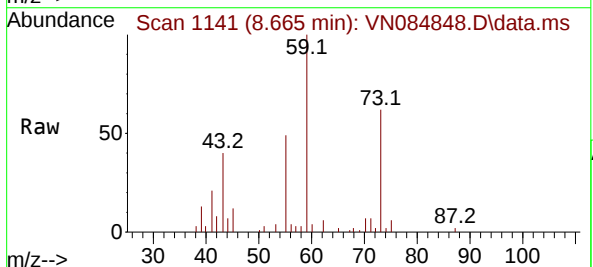
Instrument :
MSVOA_N
ClientSampleId :

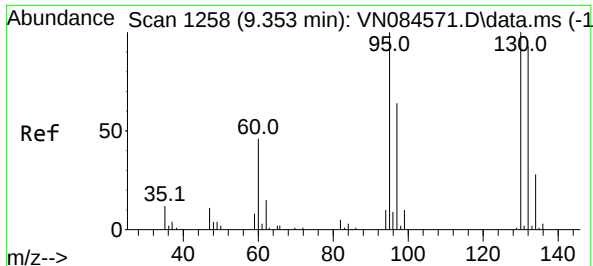
Tgt Ion: 62 Resp: 1545
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2



#43
Isopropyl Acetate
Concen: 1.770 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.023 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Tgt Ion: 43 Resp: 12885
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 2.4 10.3 15.5#





#44

Trichloroethene

Concen: 0.216 ug/l

RT: 9.341 min Scan# 1256

Delta R.T. -0.006 min

Lab File: VN084848.D

Acq: 14 Nov 2024 13:48

Instrument :

MSVOA_N

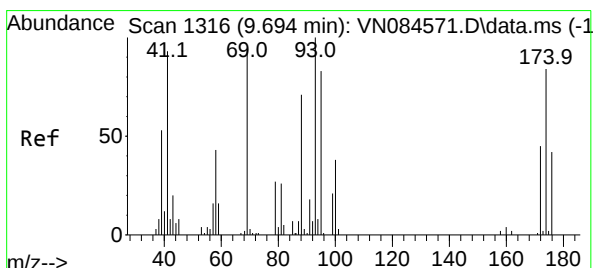
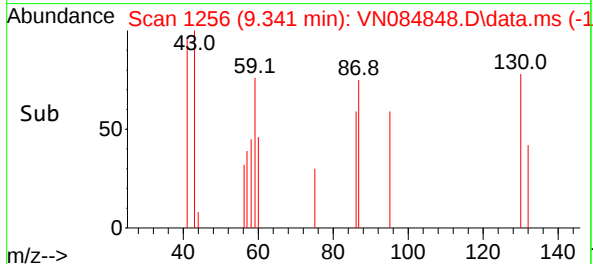
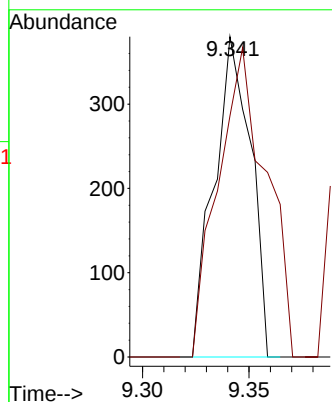
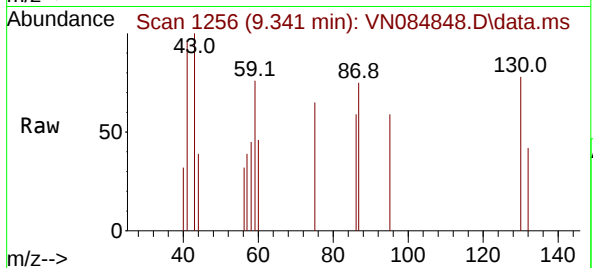
ClientSampleId :

Tgt Ion:130 Resp: 456

Ion Ratio Lower Upper

130 100

95 75.3 0.0 203.0



#49

1,4-Dioxane

Concen: 106.137 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN084848.D

Acq: 14 Nov 2024 13:48

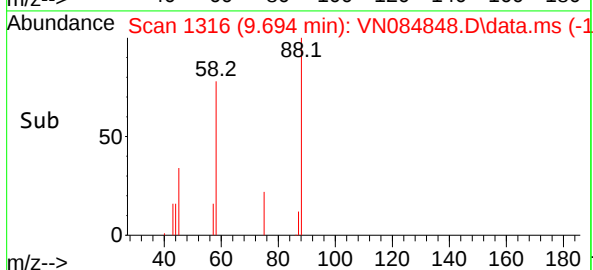
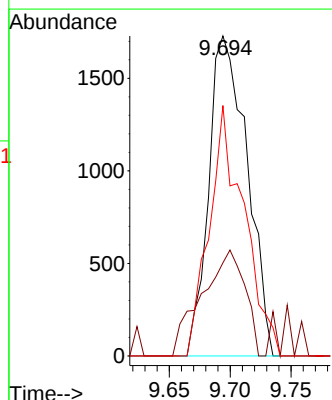
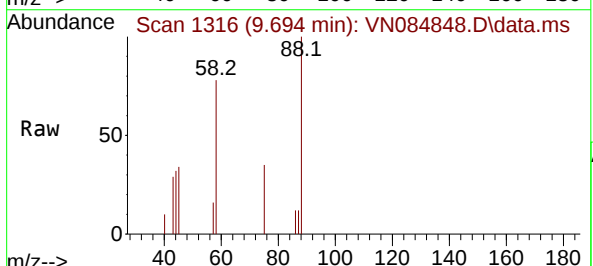
Tgt Ion: 88 Resp: 3780

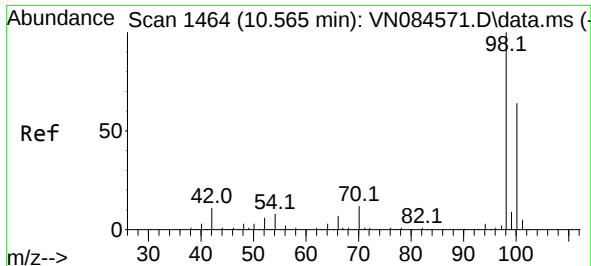
Ion Ratio Lower Upper

88 100

43 37.4 25.3 37.9

58 71.3 56.4 84.6

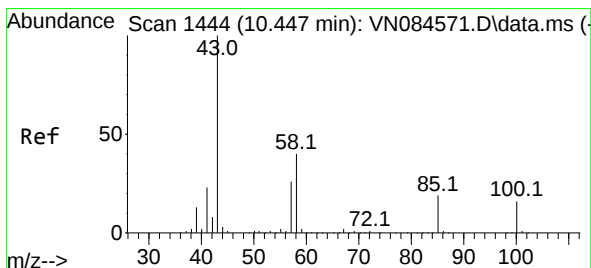
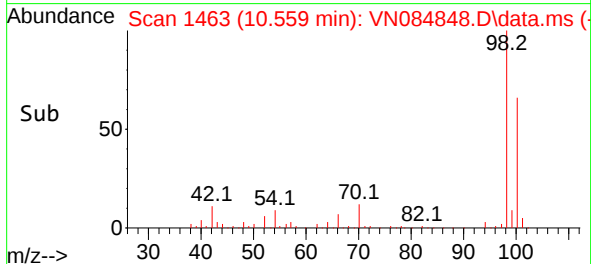
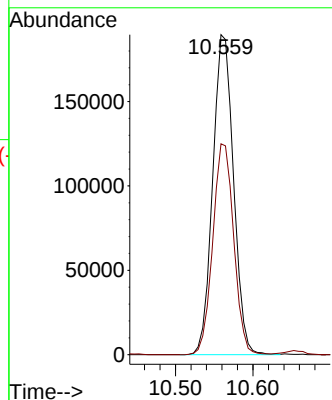
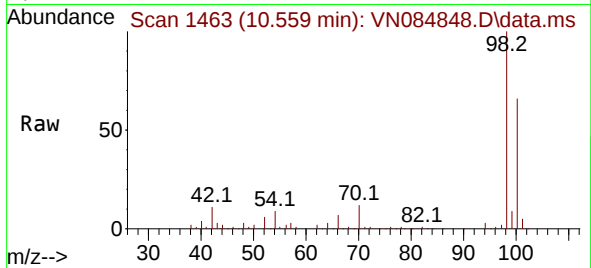




#50
Toluene-d8
Concen: 46.701 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

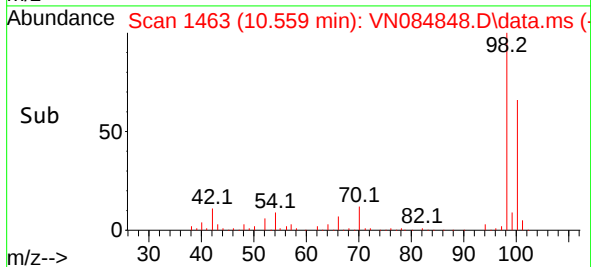
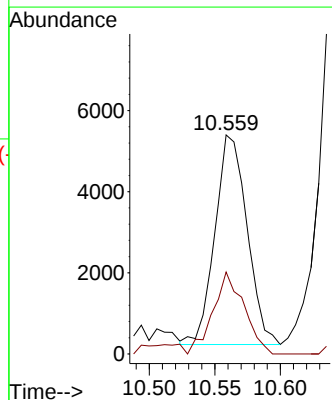
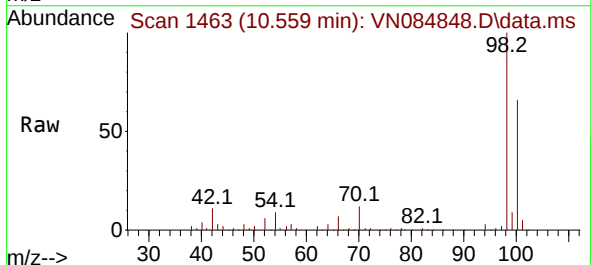
Instrument :
MSVOA_N
ClientSampleId :

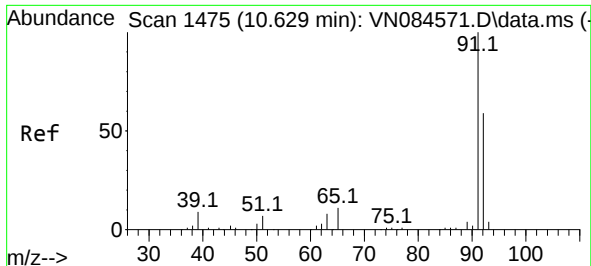
Tgt Ion: 98 Resp: 353054
Ion Ratio Lower Upper
98 100
100 66.4 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 3.578 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.117 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Tgt Ion: 43 Resp: 8808
Ion Ratio Lower Upper
43 100
58 37.7 31.6 47.4

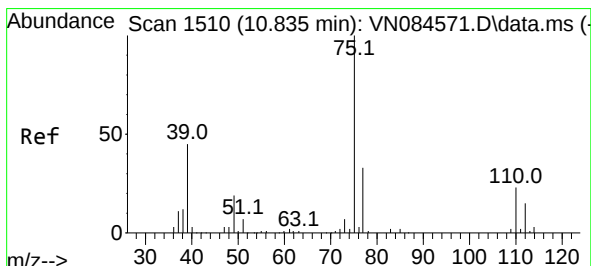
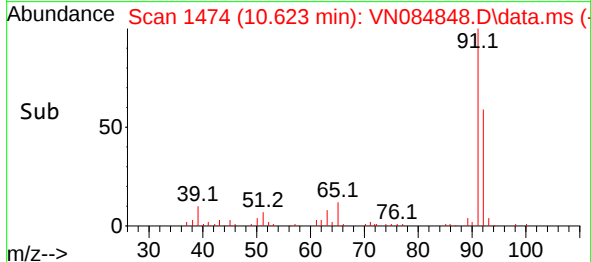
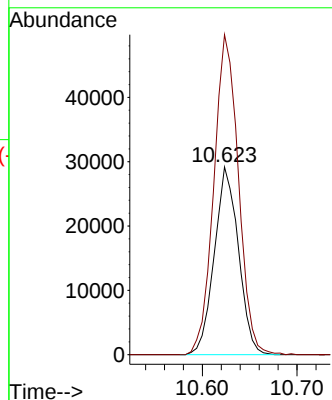
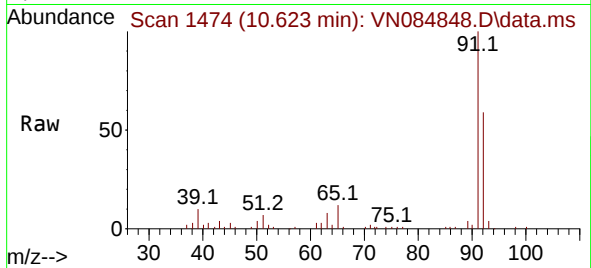




#52
Toluene
Concen: 9.646 ug/l
RT: 10.623 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

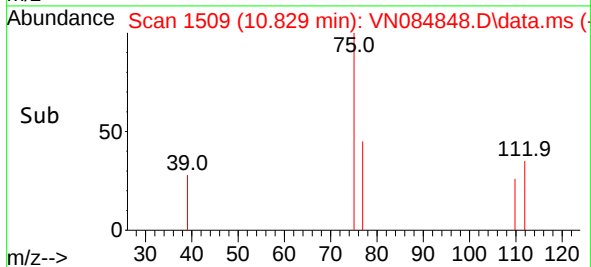
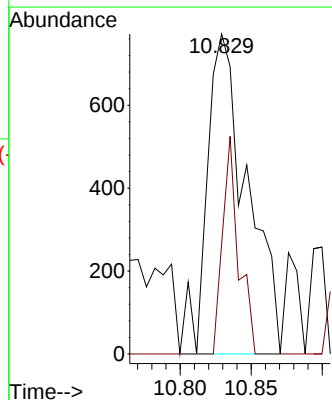
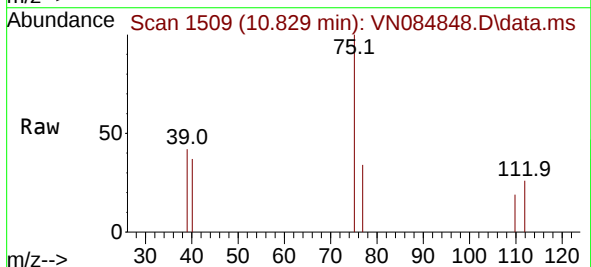
Instrument :
MSVOA_N
ClientSampleId :

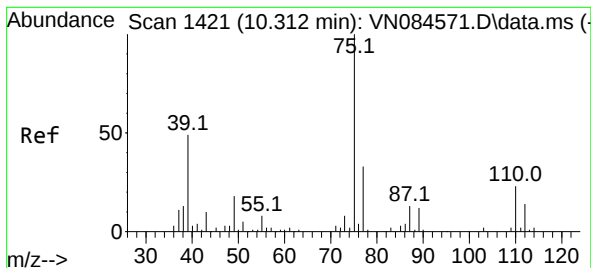
Tgt Ion: 92 Resp: 51565
Ion Ratio Lower Upper
92 100
91 174.3 137.3 205.9



#53
t-1,3-Dichloropropene
Concen: 0.461 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Tgt Ion: 75 Resp: 1521
Ion Ratio Lower Upper
75 100
77 34.5 25.4 38.0

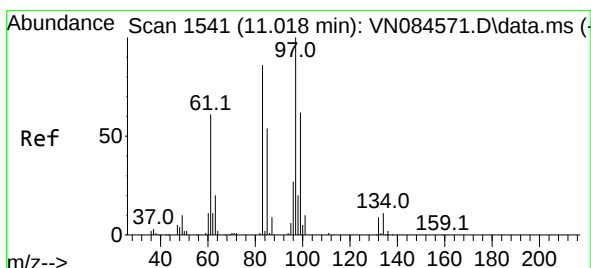
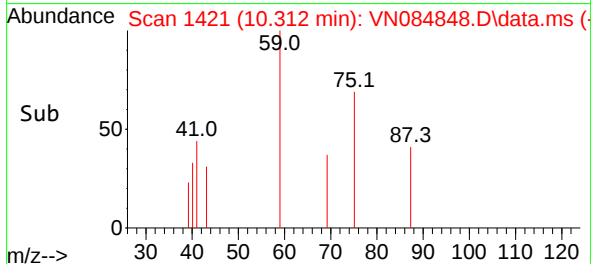
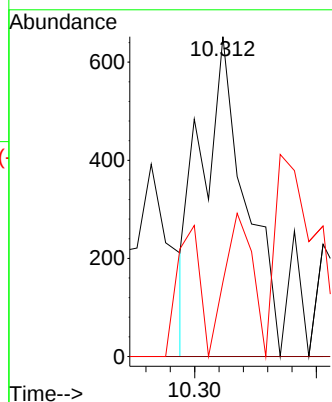
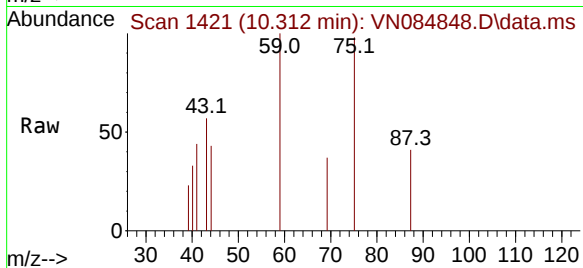




#54
 cis-1,3-Dichloropropene
 Concen: 0.238 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN084848.D
 Acq: 14 Nov 2024 13:48

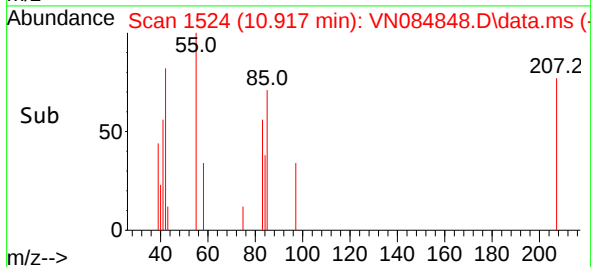
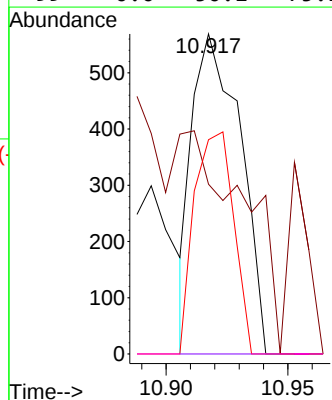
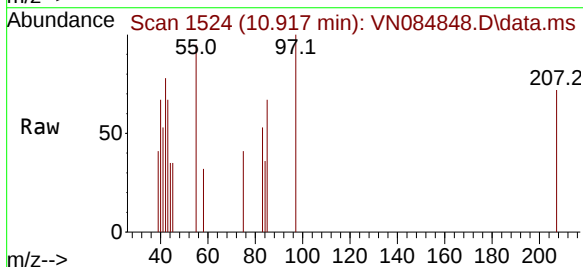
Instrument :
 MSVOA_N
 ClientSampleId :

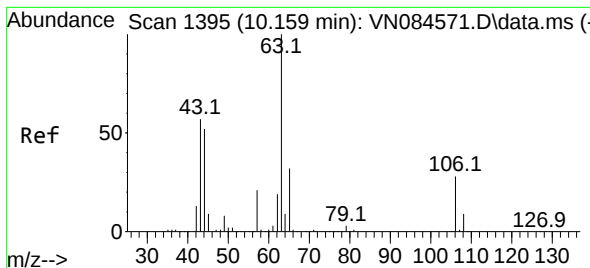
Tgt Ion: 75 Resp: 832
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.2 36.2#
 39 0.0 38.7 58.1#



#55
 1,1,2-Trichloroethane
 Concen: 0.386 ug/l
 RT: 10.917 min Scan# 1524
 Delta R.T. -0.094 min
 Lab File: VN084848.D
 Acq: 14 Nov 2024 13:48

Tgt Ion: 97 Resp: 777
 Ion Ratio Lower Upper
 97 100
 83 53.1 71.0 106.4#
 85 67.0 41.7 62.5#
 99 0.0 50.1 75.1#

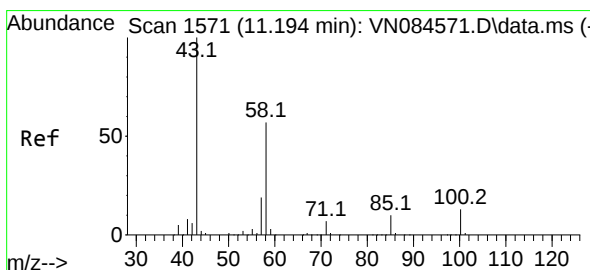
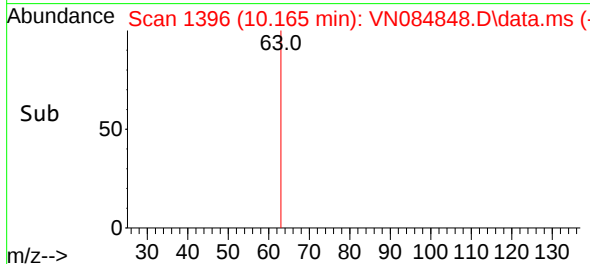
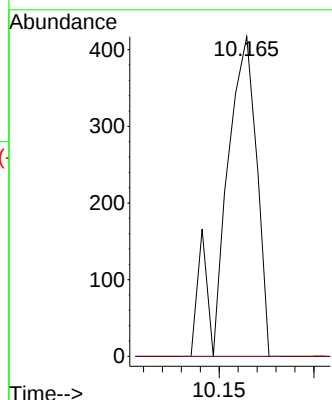
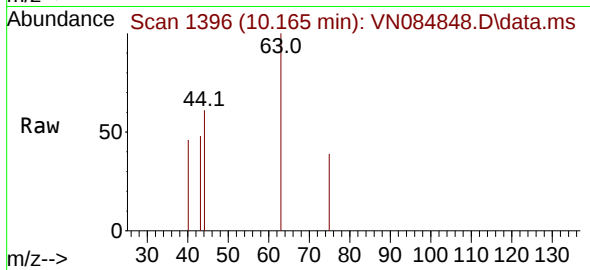




#58
2-Chloroethyl Vinyl ether
Concen: 0.357 ug/l
RT: 10.165 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

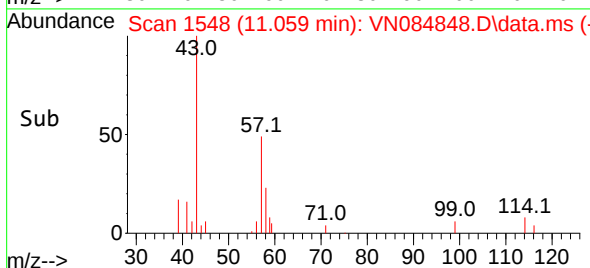
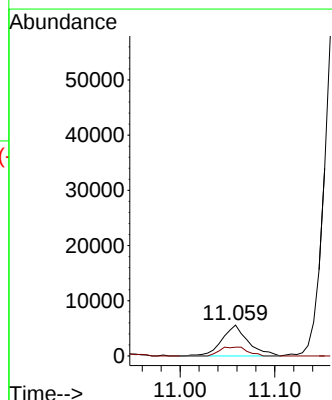
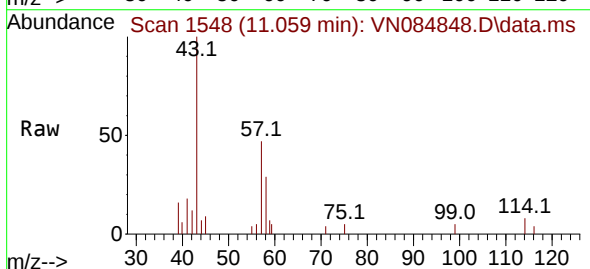
Instrument :
MSVOA_N
ClientSampleId :

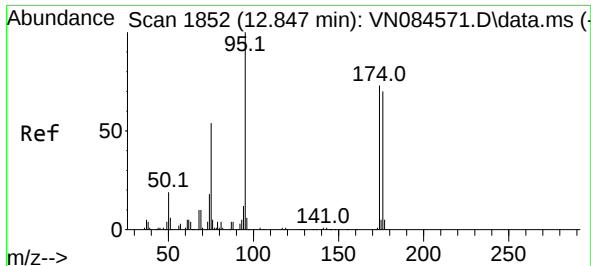
Tgt Ion: 63 Resp: 487
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.6#



#59
2-Hexanone
Concen: 5.967 ug/l
RT: 11.059 min Scan# 1548
Delta R.T. -0.136 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Tgt Ion: 43 Resp: 10692
Ion Ratio Lower Upper
43 100
58 30.7 27.3 81.8

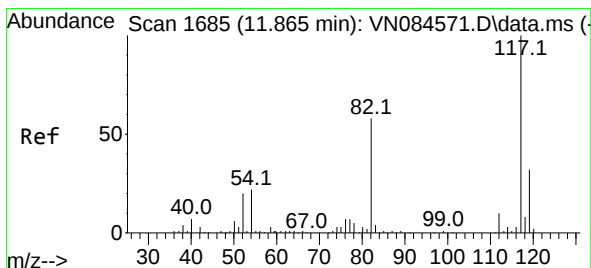
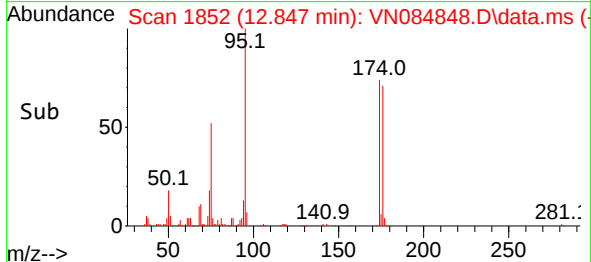
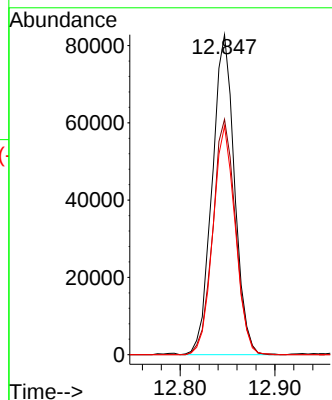
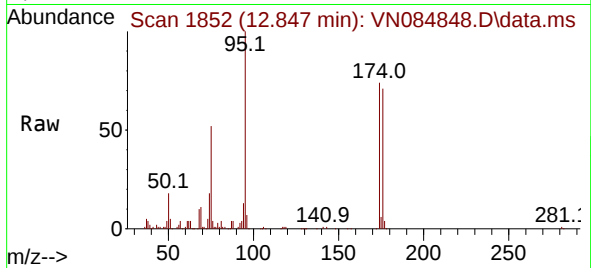




#62
4-Bromofluorobenzene
Concen: 48.026 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

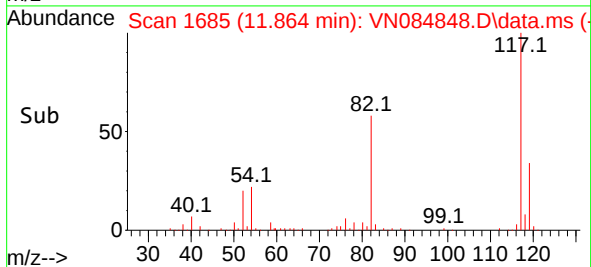
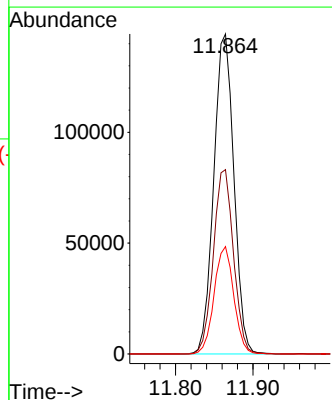
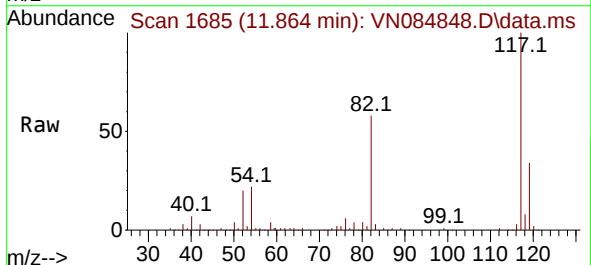
Instrument :
MSVOA_N
ClientSampleId :

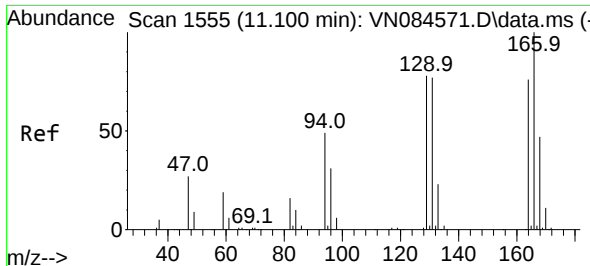
Tgt Ion: 95 Resp: 135690
Ion Ratio Lower Upper
95 100
174 74.8 0.0 145.2
176 71.3 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.001 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

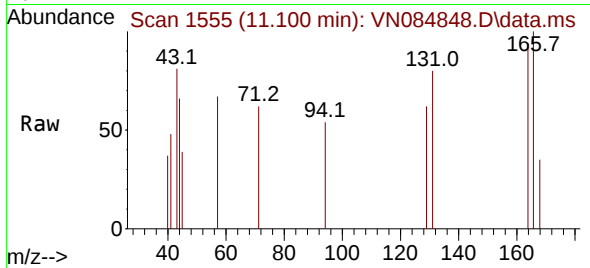
Tgt Ion: 117 Resp: 260456
Ion Ratio Lower Upper
117 100
82 57.6 47.2 70.8
119 33.6 25.4 38.0



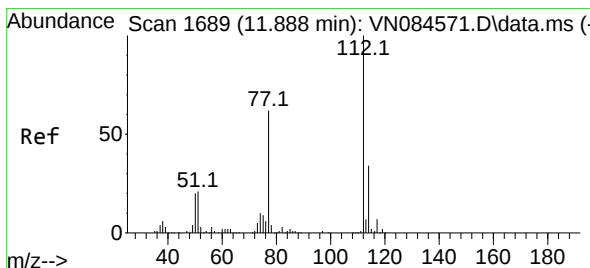
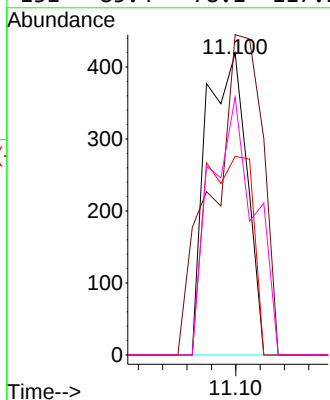
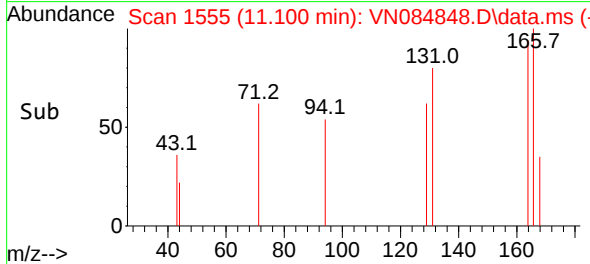


#64
Tetrachloroethene
Concen: 0.279 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :

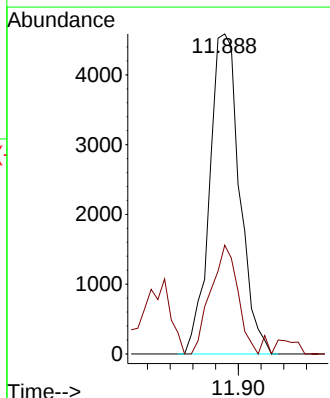
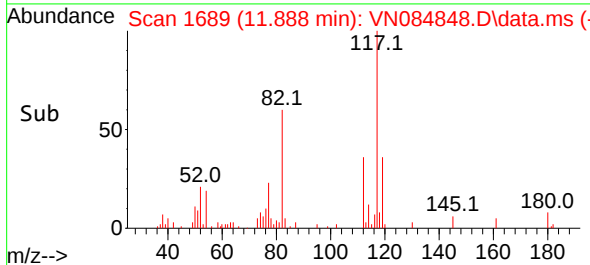
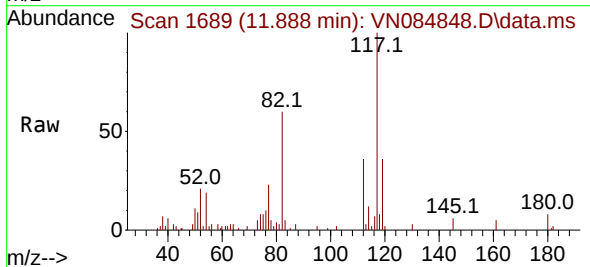


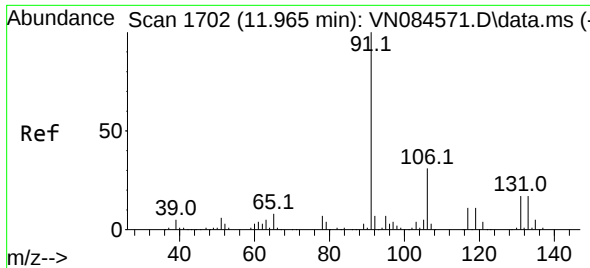
Tgt Ion:164 Resp: 483
Ion Ratio Lower Upper
164 100
166 106.2 101.0 151.4
129 65.9 80.8 121.2#
131 85.4 78.1 117.1



#65
Chlorobenzene
Concen: 1.447 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Tgt Ion:112 Resp: 8433
Ion Ratio Lower Upper
112 100
114 29.6 27.0 40.6

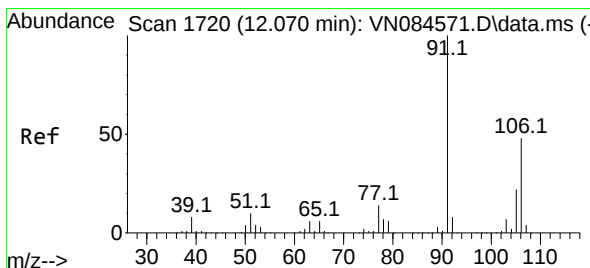
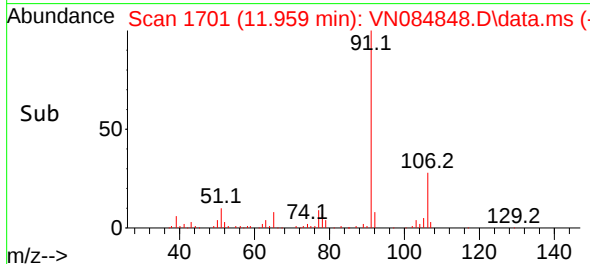
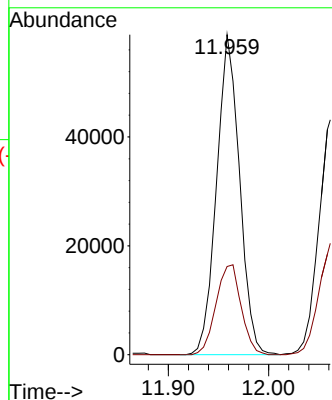
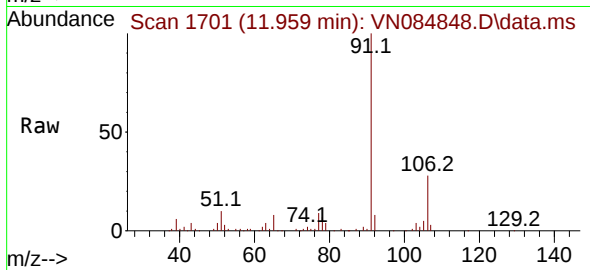




#67
Ethyl Benzene
Concen: 9.611 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

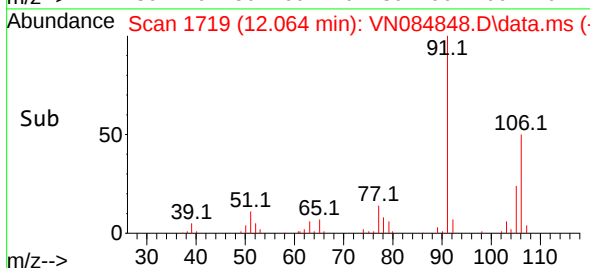
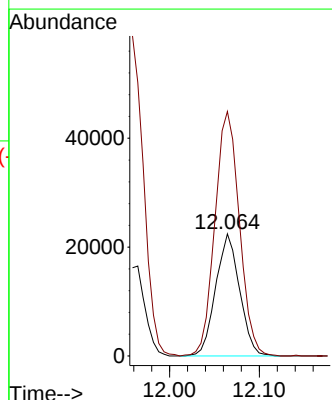
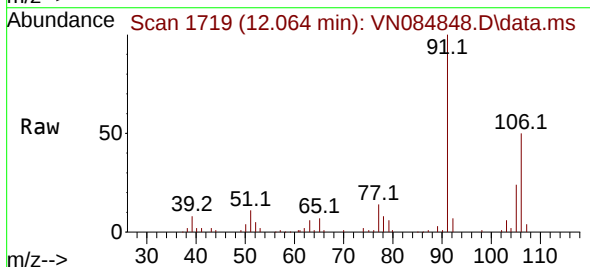
Instrument :
MSVOA_N
ClientSampleId :

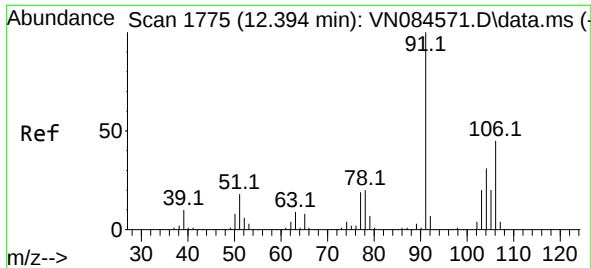
Tgt Ion: 91 Resp: 93482
Ion Ratio Lower Upper
91 100
106 27.6 24.5 36.7



#68
m/p-Xylenes
Concen: 11.263 ug/l
RT: 12.064 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Tgt Ion:106 Resp: 41473
Ion Ratio Lower Upper
106 100
91 205.3 167.1 250.7

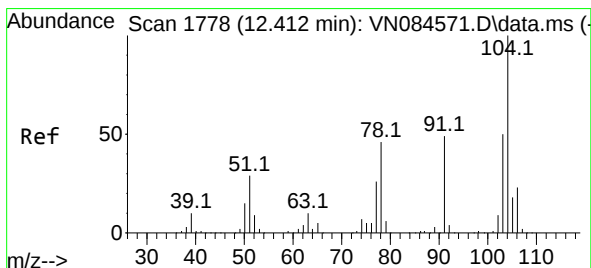
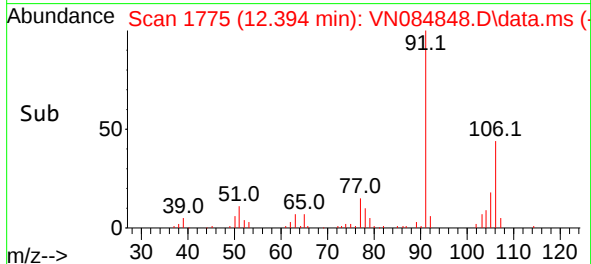
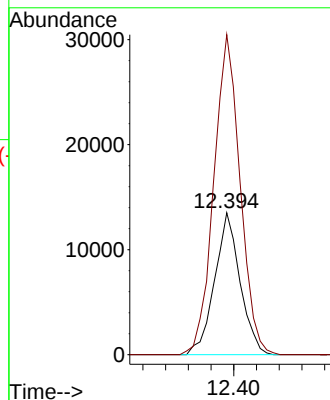
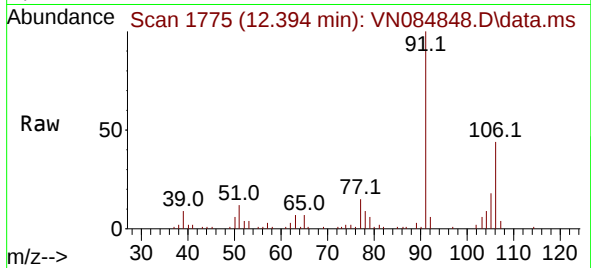




#69
o-Xylene
Concen: 6.093 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

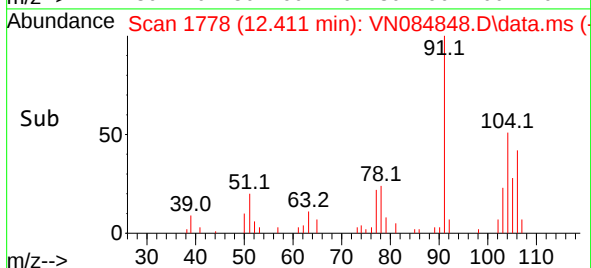
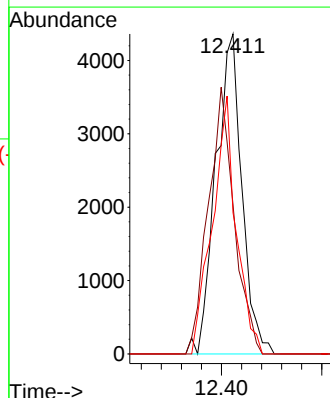
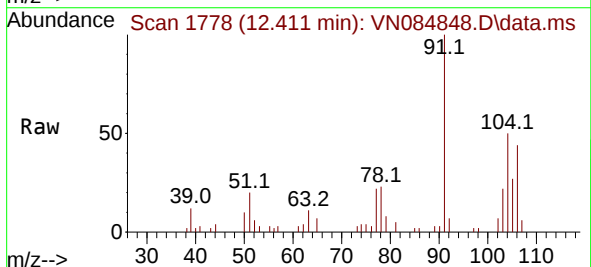
Instrument :
MSVOA_N
ClientSampleId :

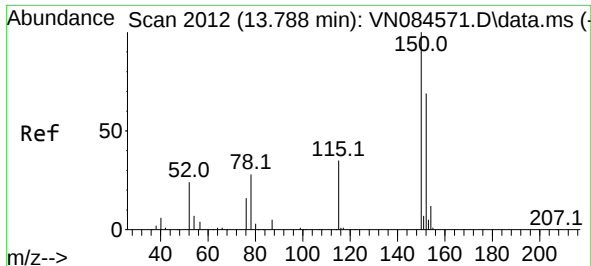
Tgt Ion:106 Resp: 20990
Ion Ratio Lower Upper
106 100
91 233.5 110.2 330.6



#70
Styrene
Concen: 1.306 ug/l
RT: 12.411 min Scan# 1778
Delta R.T. -0.001 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

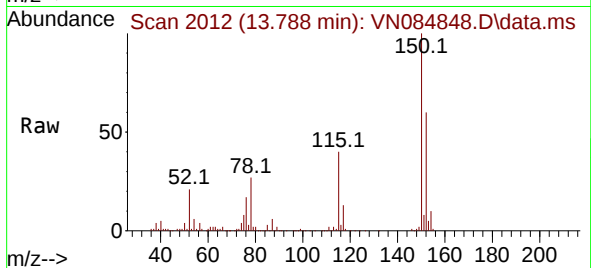
Tgt Ion:104 Resp: 7848
Ion Ratio Lower Upper
104 100
78 83.1 42.7 64.1#
103 74.0 43.6 65.4#



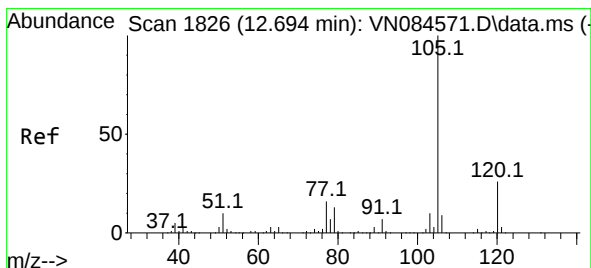
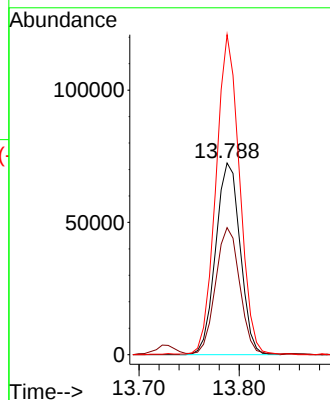
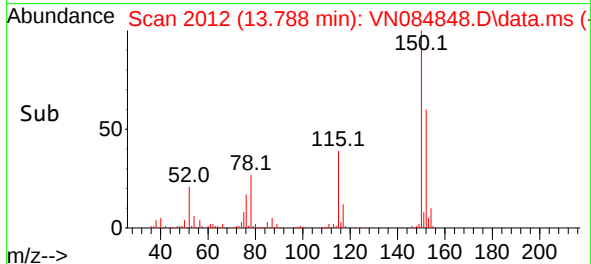


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :

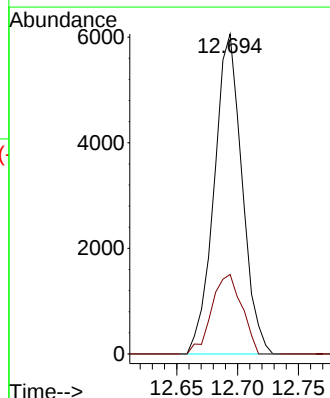
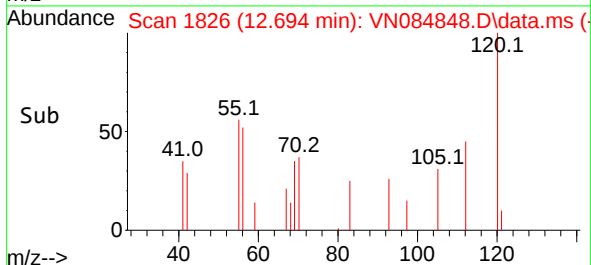
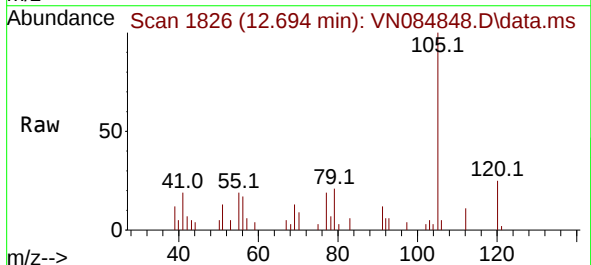


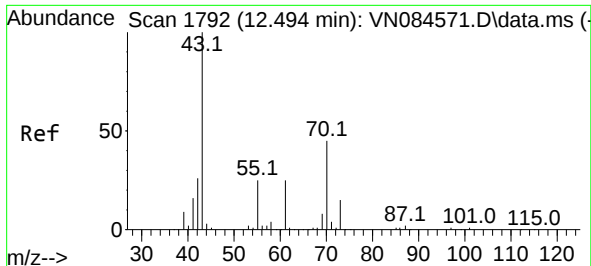
Tgt Ion:152 Resp: 122872
Ion Ratio Lower Upper
152 100
115 64.8 31.3 93.9
150 161.3 0.0 349.8



#73
Isopropylbenzene
Concen: 1.121 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

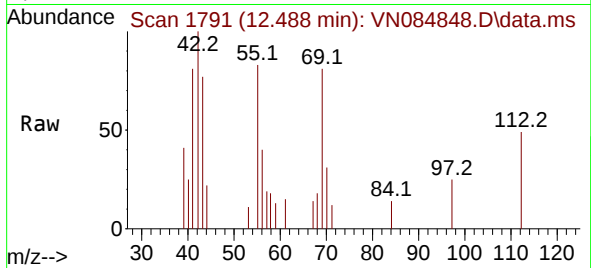
Tgt Ion:105 Resp: 9651
Ion Ratio Lower Upper
105 100
120 26.9 12.9 38.7



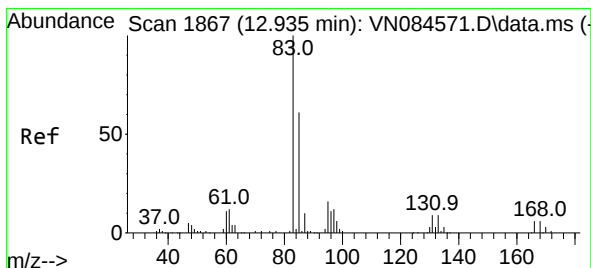
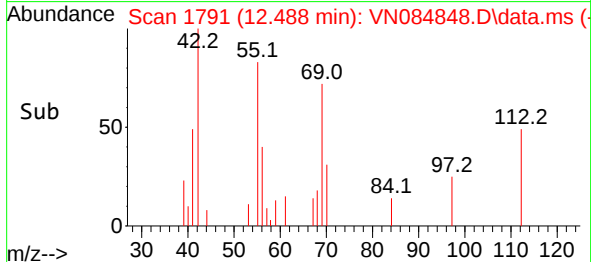
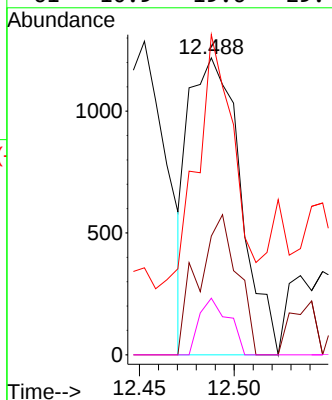


#74
N-amy1 acetate
Concen: 0.631 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :

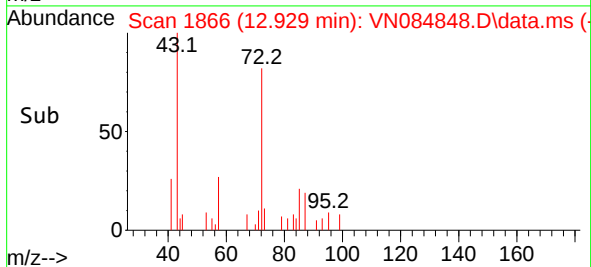
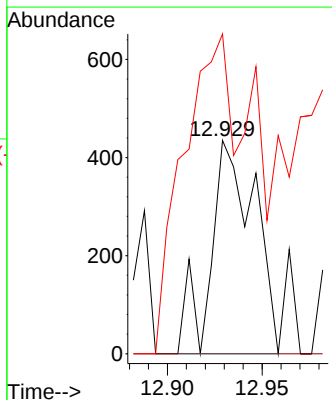
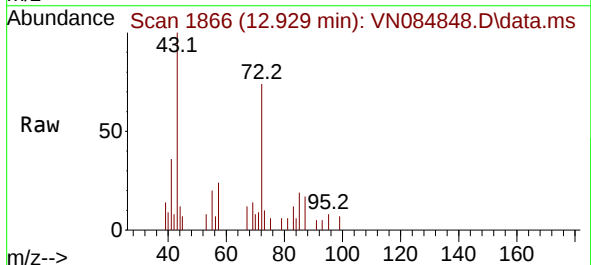


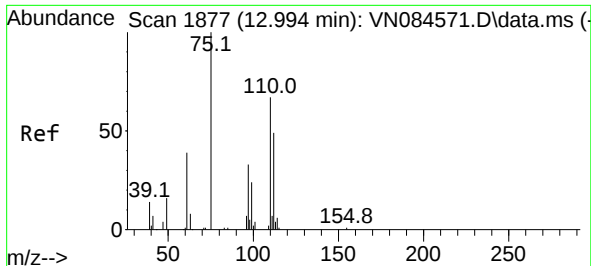
Tgt Ion: 43	Resp: 2312
Ion Ratio	Lower Upper
43 100	
70 35.9	34.4 51.6
55 65.0	19.6 29.4#
61 10.9	19.6 29.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.246 ug/l
RT: 12.929 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Tgt Ion: 83	Resp: 706
Ion Ratio	Lower Upper
83 100	
131 0.0	4.9 14.7#
85 187.3	31.9 95.7#

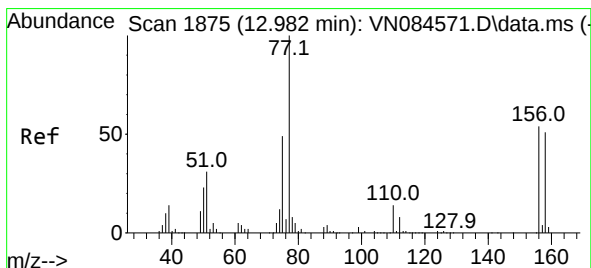
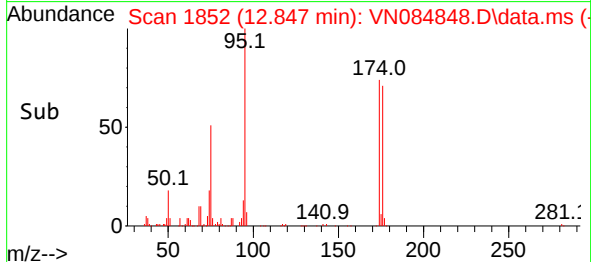
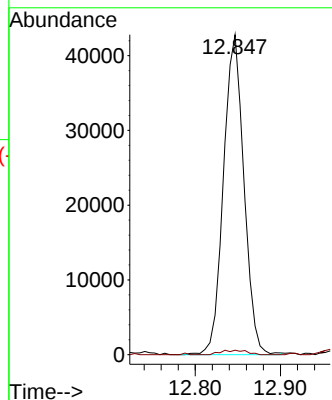
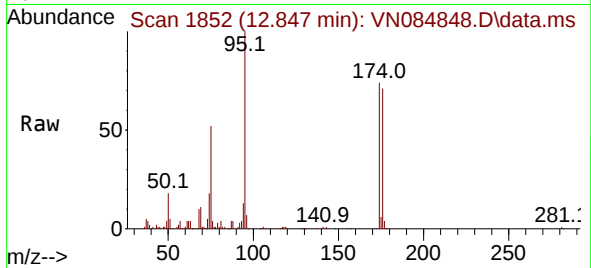




#76
1,2,3-Trichloropropane
Concen: 29.151 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

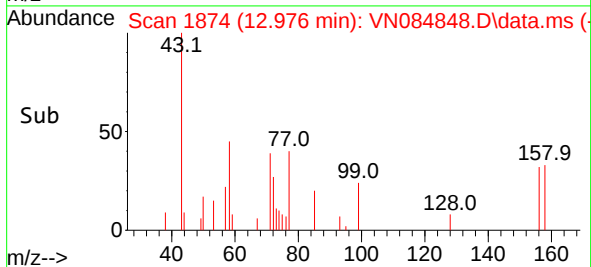
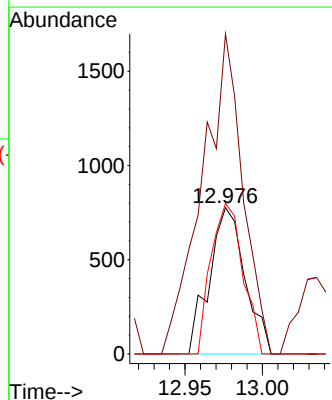
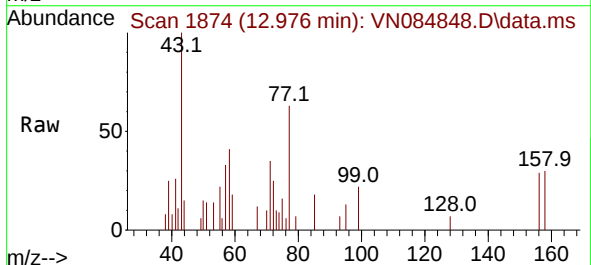
Instrument :
MSVOA_N
ClientSampleId :

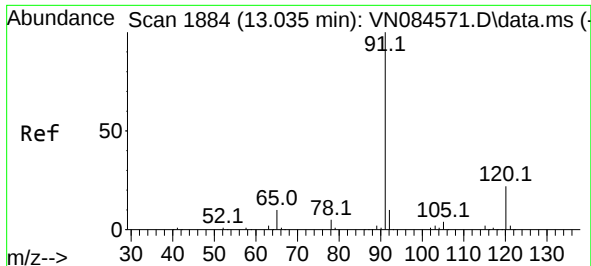
Tgt Ion: 75 Resp: 71599
Ion Ratio Lower Upper
75 100
77 1.8 96.9 290.7#



#77
Bromobenzene
Concen: 0.538 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Tgt Ion:156 Resp: 1246
Ion Ratio Lower Upper
156 100
77 247.9 115.1 345.3
158 91.6 48.9 146.8

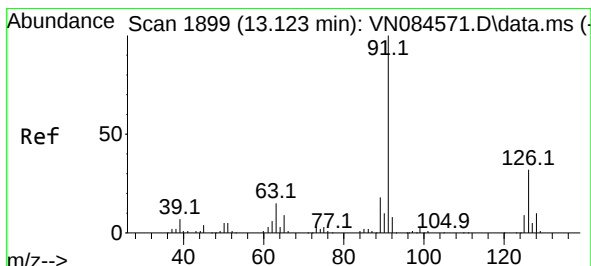
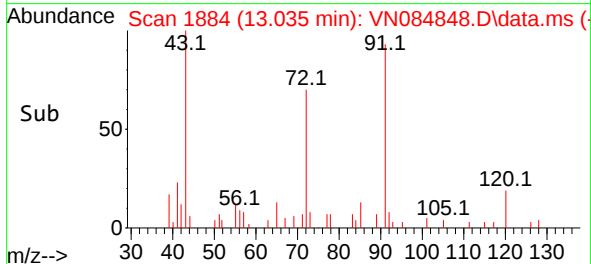
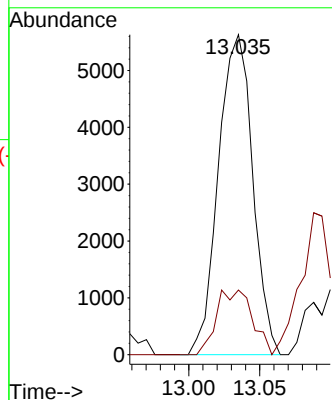
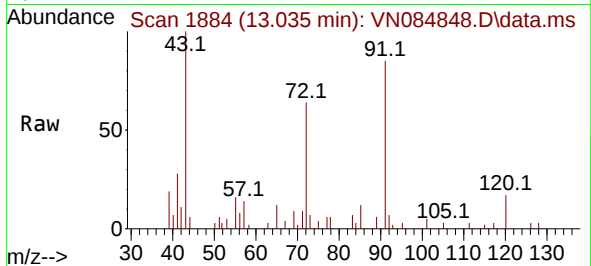




#78
n-propylbenzene
Concen: 0.938 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

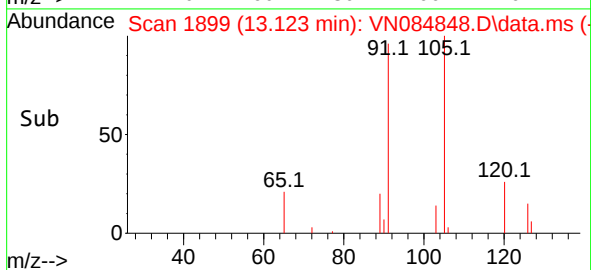
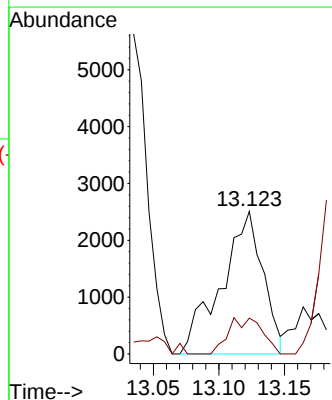
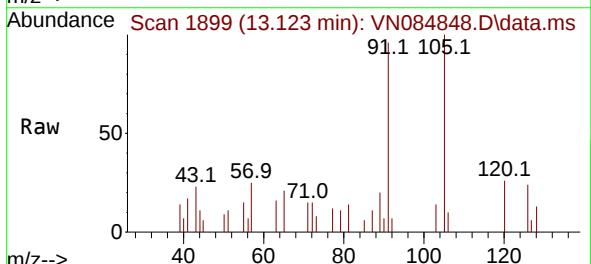
Instrument :
MSVOA_N
ClientSampleId :

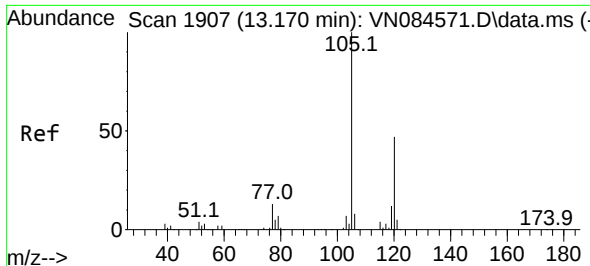
Tgt Ion: 91 Resp: 9460
Ion Ratio Lower Upper
91 100
120 21.2 10.8 32.4



#79
2-Chlorotoluene
Concen: 0.842 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

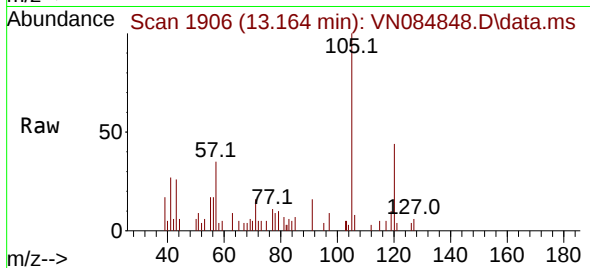
Tgt Ion: 91 Resp: 5550
Ion Ratio Lower Upper
91 100
126 20.5 15.7 47.1



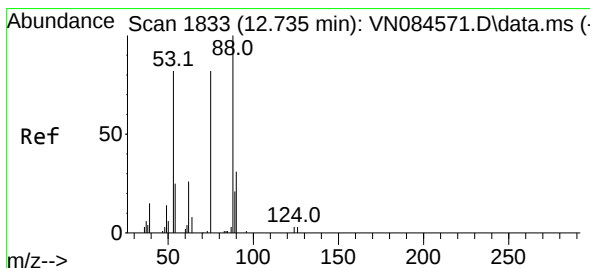
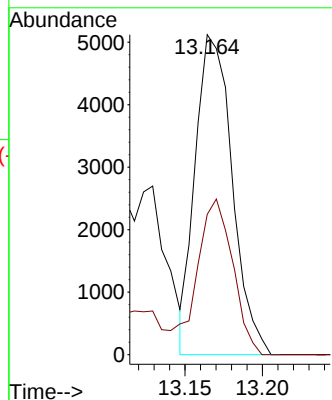
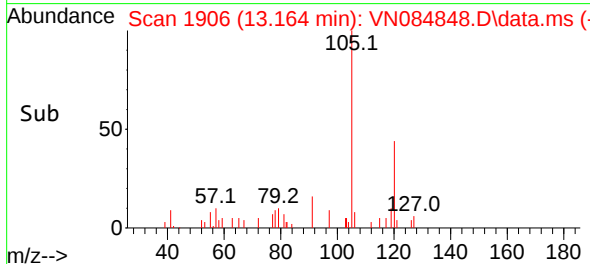


#80
 1,3,5-Trimethylbenzene
 Concen: 1.186 ug/l
 RT: 13.164 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VN084848.D
 Acq: 14 Nov 2024 13:48

Instrument :
 MSVOA_N
 ClientSampleId :

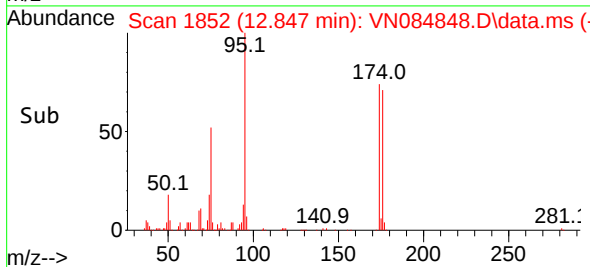
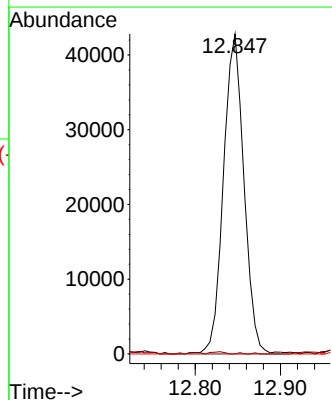
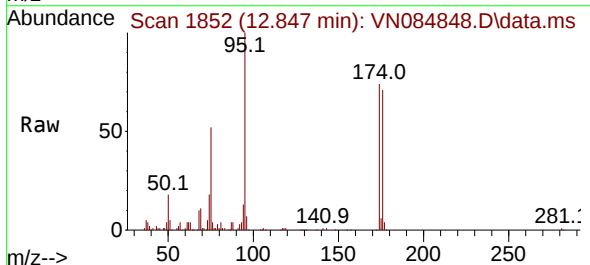


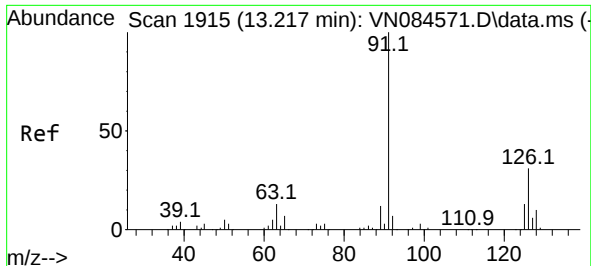
Tgt Ion:105 Resp: 8465
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.7 71.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.158 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN084848.D
 Acq: 14 Nov 2024 13:48

Tgt Ion: 75 Resp: 71599
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.0 35.5 53.3#

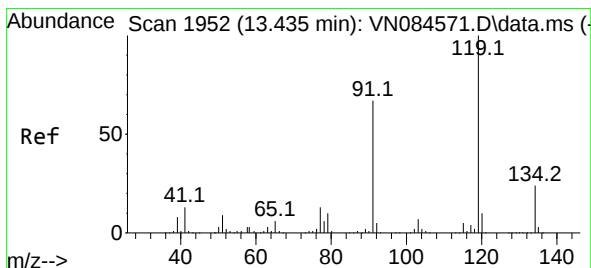
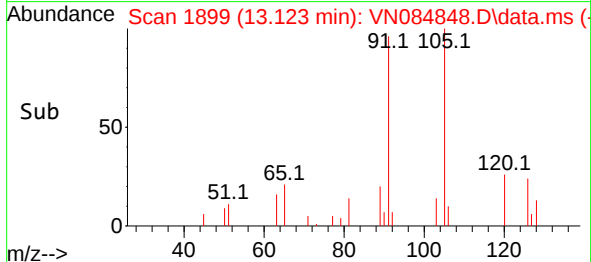
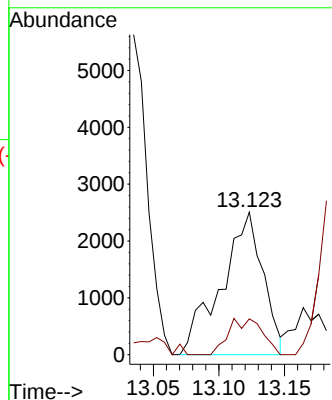
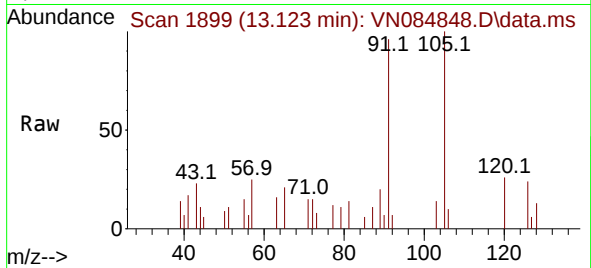




#82
4-Chlorotoluene
Concen: 0.800 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.094 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

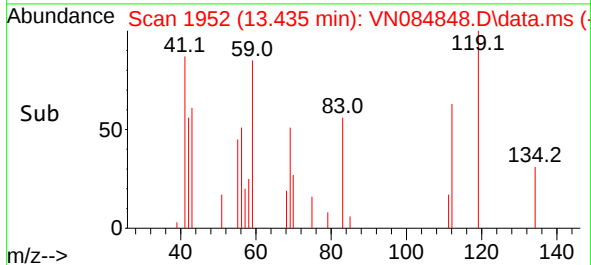
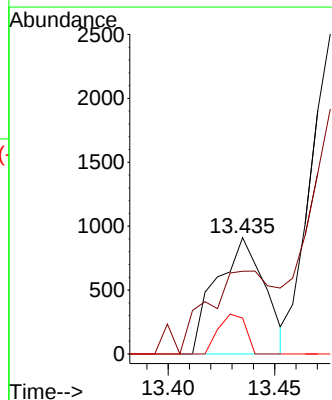
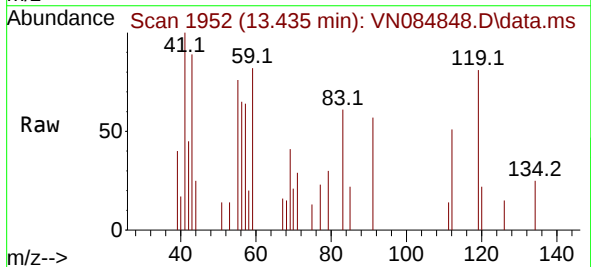
Instrument :
MSVOA_N
ClientSampleId :

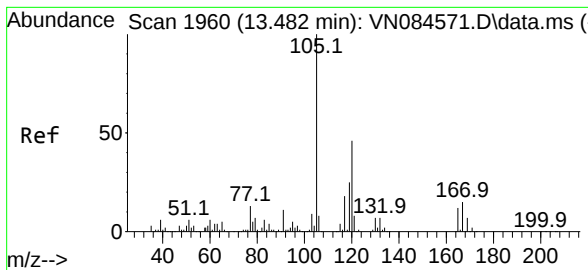
Tgt Ion: 91 Resp: 5550
Ion Ratio Lower Upper
91 100
126 20.5 15.7 47.1



#83
tert-Butylbenzene
Concen: 0.242 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Tgt Ion: 119 Resp: 1430
Ion Ratio Lower Upper
119 100
91 106.6 34.1 102.3#
134 0.0 12.8 38.4#

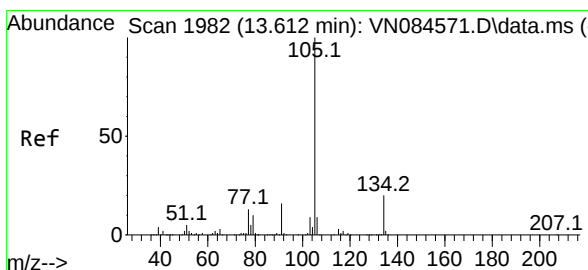
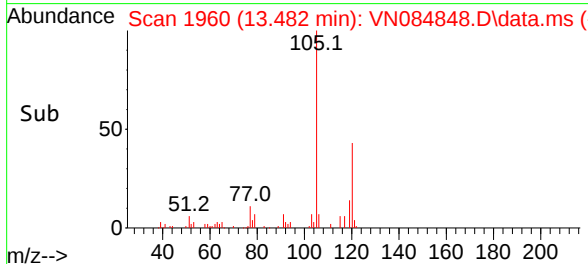
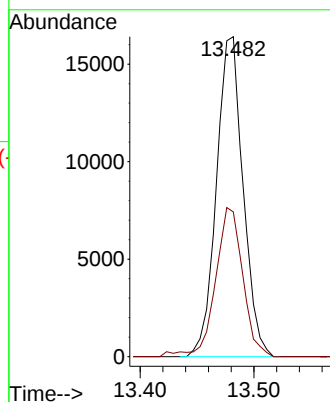
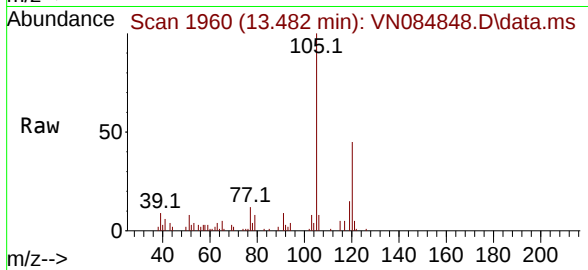




#84
1,2,4-Trimethylbenzene
Concen: 3.628 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

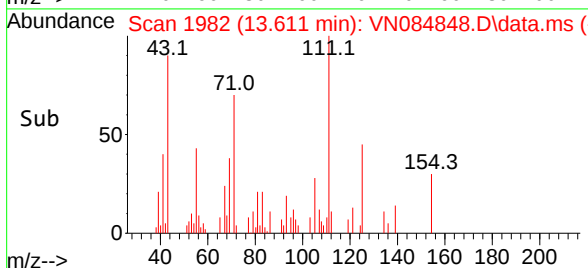
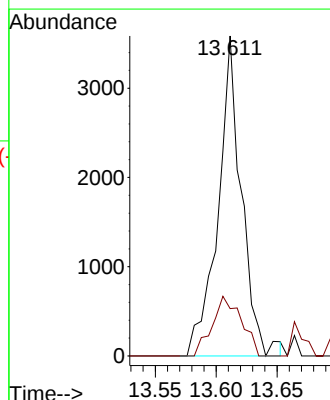
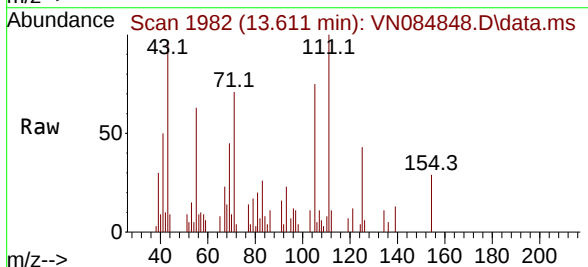
Instrument :
MSVOA_N
ClientSampleId :

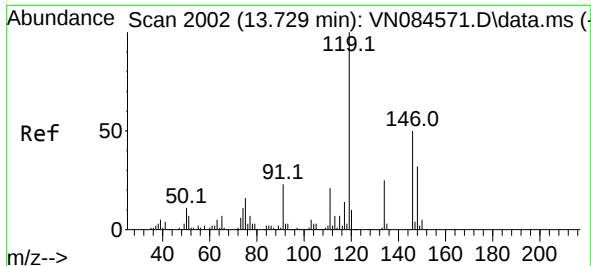
Tgt Ion:105 Resp: 26726
Ion Ratio Lower Upper
105 100
120 47.9 22.3 66.8



#85
sec-Butylbenzene
Concen: 0.578 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Tgt Ion:105 Resp: 4822
Ion Ratio Lower Upper
105 100
134 23.1 9.8 29.4

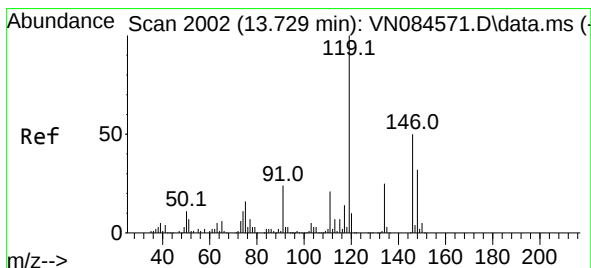
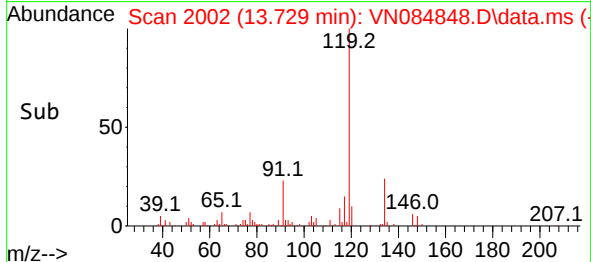
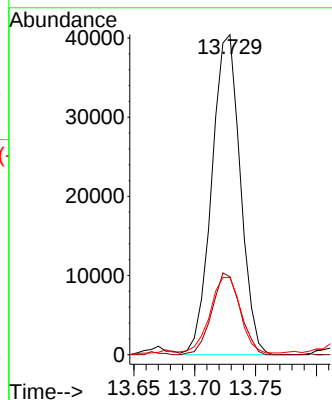
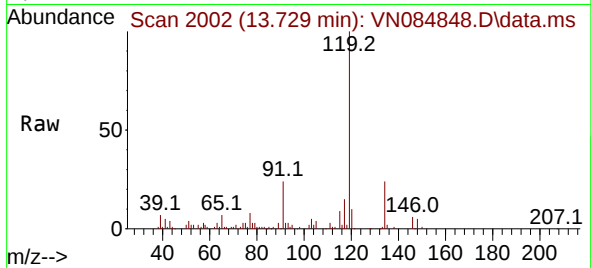




#86
 p-Isopropyltoluene
 Concen: 9.617 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084848.D
 Acq: 14 Nov 2024 13:48

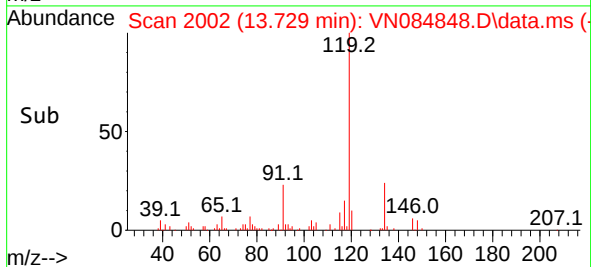
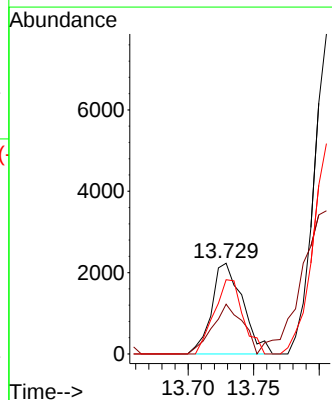
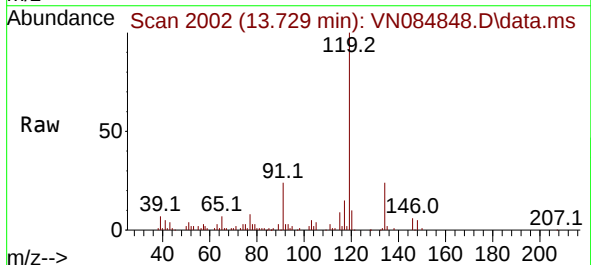
Instrument :
 MSVOA_N
 ClientSampleId :

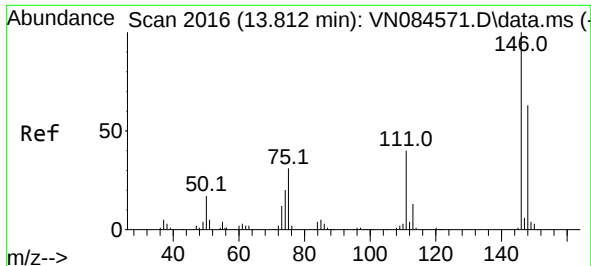
Tgt Ion:119 Resp: 65804
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 24.9 12.4 37.2



#87
 1,3-Dichlorobenzene
 Concen: 0.811 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084848.D
 Acq: 14 Nov 2024 13:48

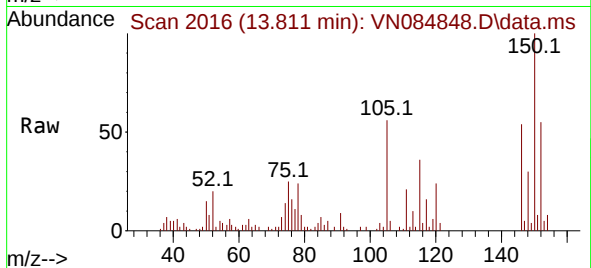
Tgt Ion:146 Resp: 3664
 Ion Ratio Lower Upper
 146 100
 111 53.4 21.8 65.3
 148 76.3 31.9 95.7



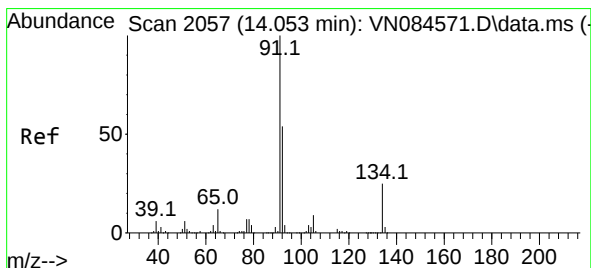
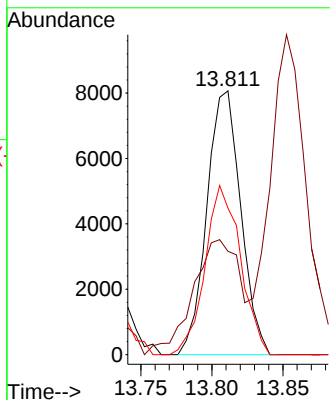
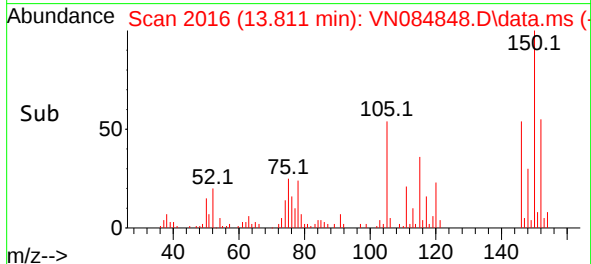


#88
1,4-Dichlorobenzene
Concen: 2.396 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.001 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :

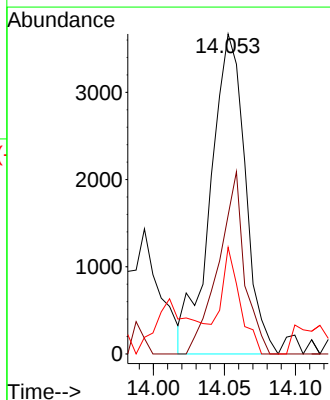
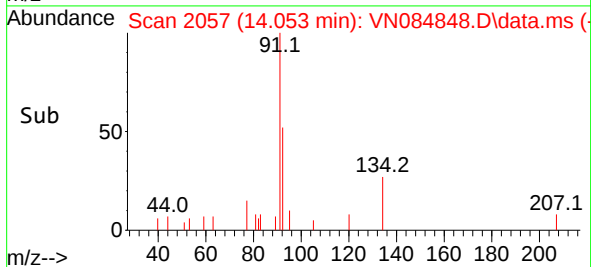
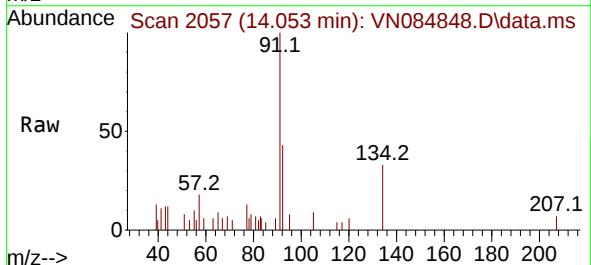


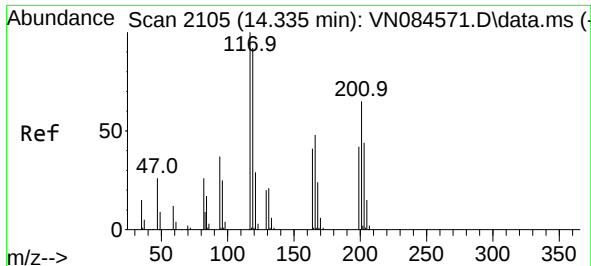
Tgt Ion:146 Resp: 13406
Ion Ratio Lower Upper
146 100
111 59.4 21.2 63.6
148 66.9 31.9 95.9



#89
n-Butylbenzene
Concen: 0.971 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

Tgt Ion: 91 Resp: 6216
Ion Ratio Lower Upper
91 100
92 43.0 26.6 79.7
134 17.7 12.3 36.9

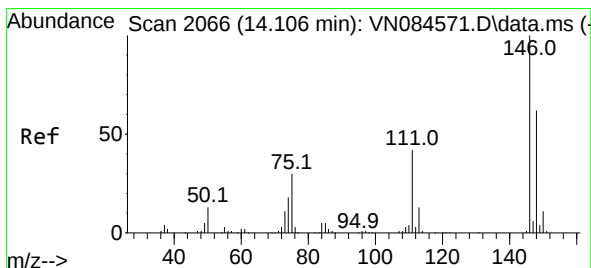
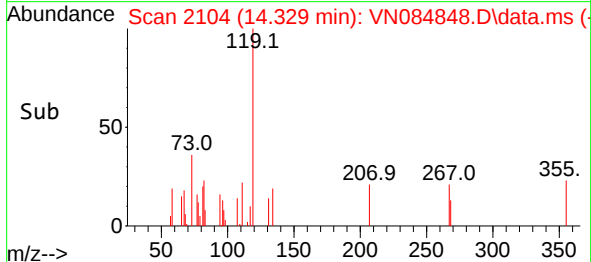
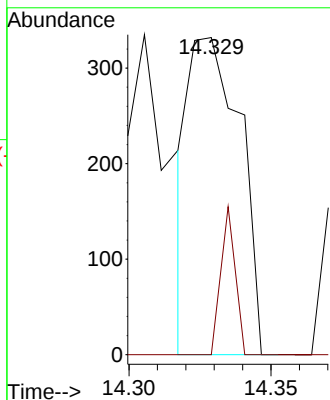
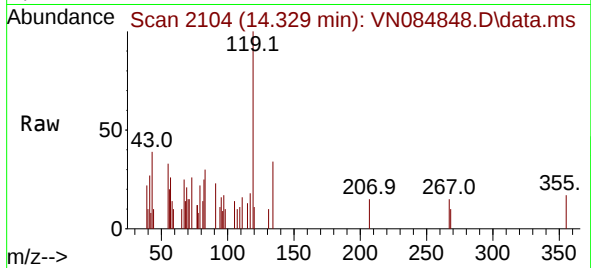




#90
Hexachloroethane
Concen: 0.271 ug/l
RT: 14.329 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

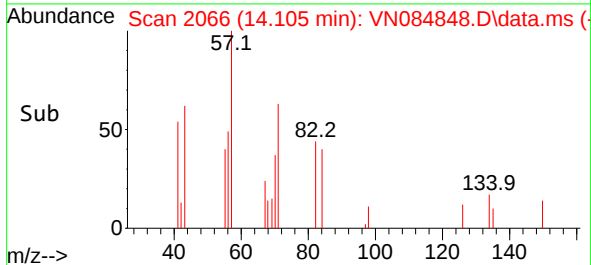
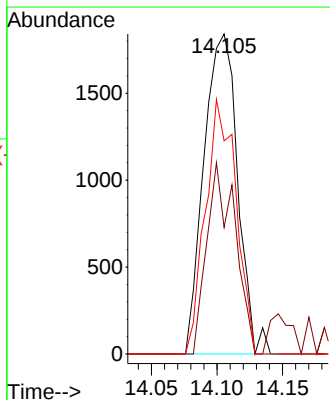
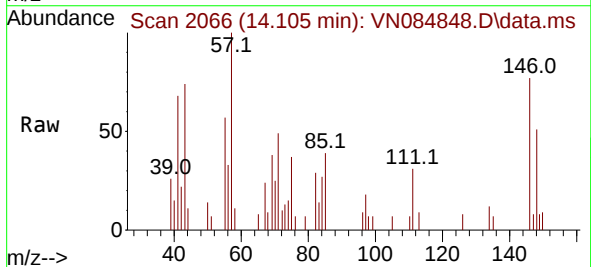
Instrument :
MSVOA_N
ClientSampleId :

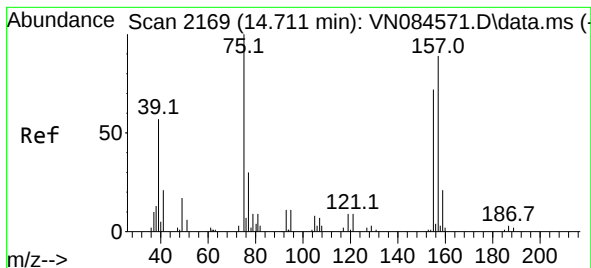
Tgt Ion:117 Resp: 413
Ion Ratio Lower Upper
117 100
201 13.3 34.4 103.2#



#91
1,2-Dichlorobenzene
Concen: 0.759 ug/l
RT: 14.105 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

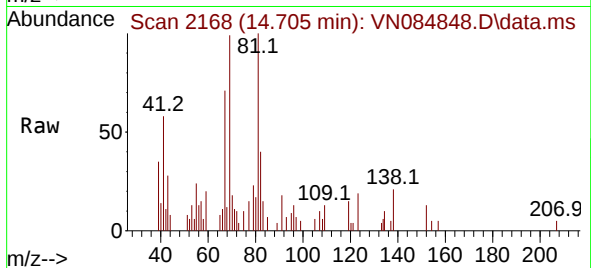
Tgt Ion:146 Resp: 3293
Ion Ratio Lower Upper
146 100
111 50.1 22.0 66.0
148 72.0 32.1 96.3



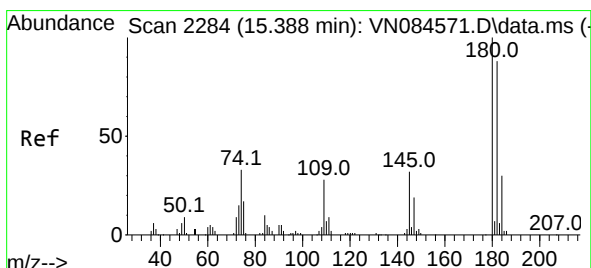
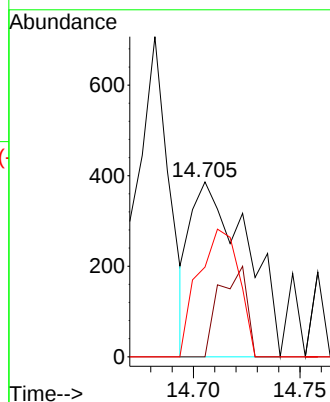
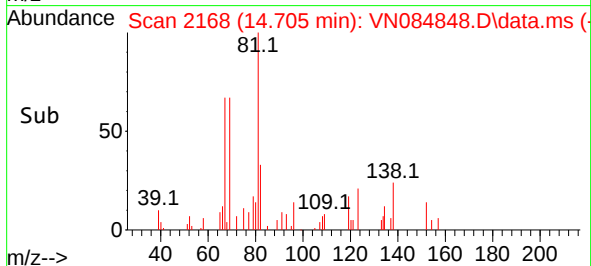


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.216 ug/l
RT: 14.705 min Scan# 2168
Delta R.T. -0.012 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48

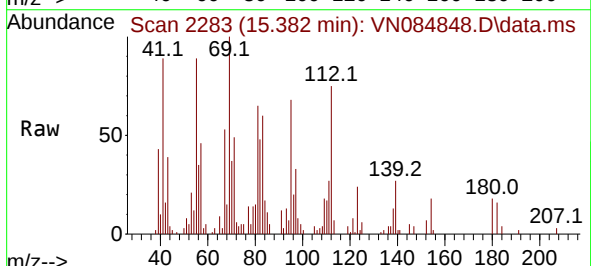
Instrument :
MSVOA_N
ClientSampleId :



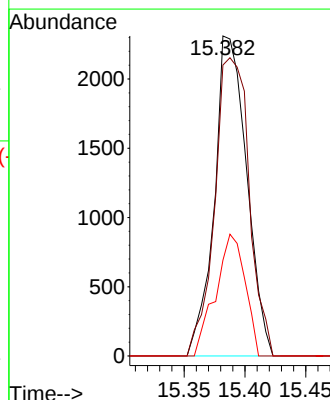
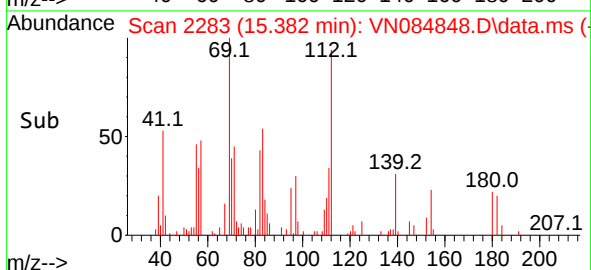
Tgt Ion: 75 Resp: 708
Ion Ratio Lower Upper
75 100
155 25.4 38.1 114.5#
157 53.1 49.6 149.0

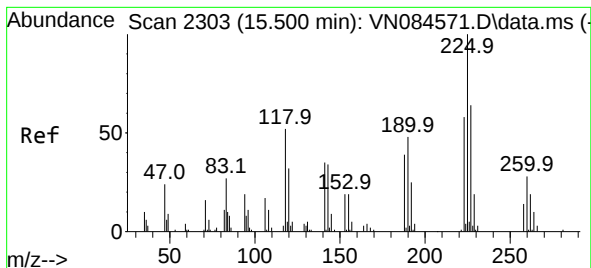


#93
1,2,4-Trichlorobenzene
Concen: 1.799 ug/l
RT: 15.382 min Scan# 2283
Delta R.T. -0.006 min
Lab File: VN084848.D
Acq: 14 Nov 2024 13:48



Tgt Ion: 180 Resp: 4275
Ion Ratio Lower Upper
180 100
182 99.3 47.0 141.0
145 34.7 16.4 49.4





#94

Hexachlorobutadiene

Concen: 1.193 ug/l

RT: 15.499 min Scan# 21

Delta R.T. -0.001 min

Lab File: VN084848.D

Acq: 14 Nov 2024 13:48

Instrument :

MSVOA_N

ClientSampleId :

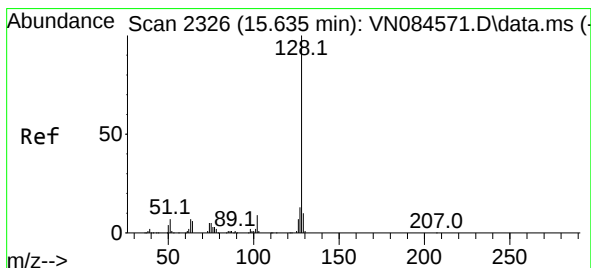
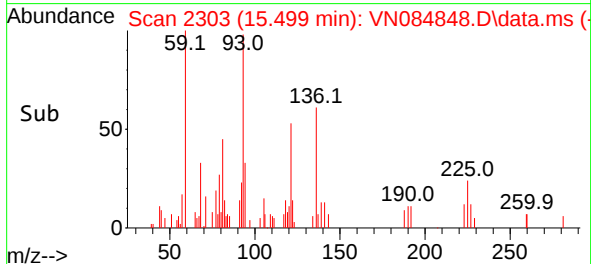
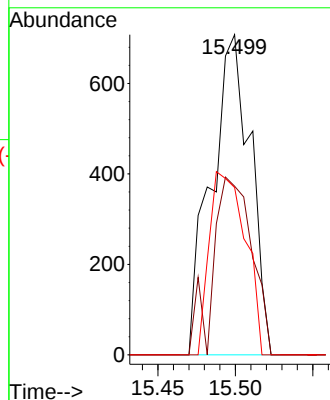
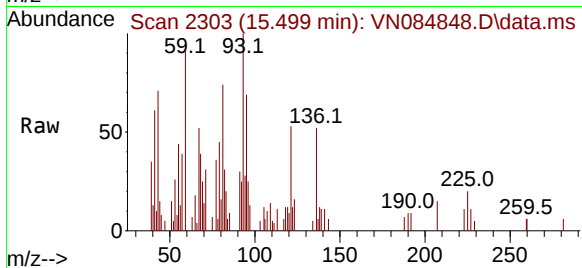
Tgt Ion:225 Resp: 1245

Ion Ratio Lower Upper

225 100

223 55.1 32.4 97.2

227 52.6 32.4 97.0



#95

Naphthalene

Concen: 21.298 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN084848.D

Acq: 14 Nov 2024 13:48

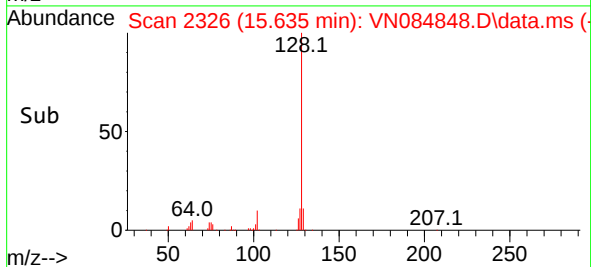
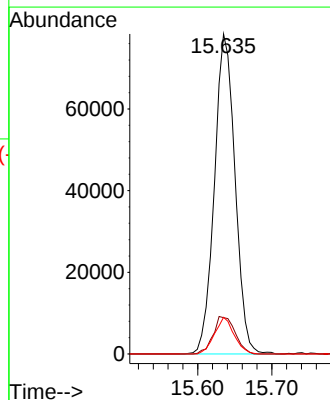
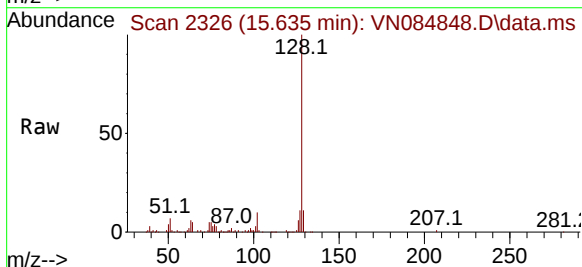
Tgt Ion:128 Resp: 151473

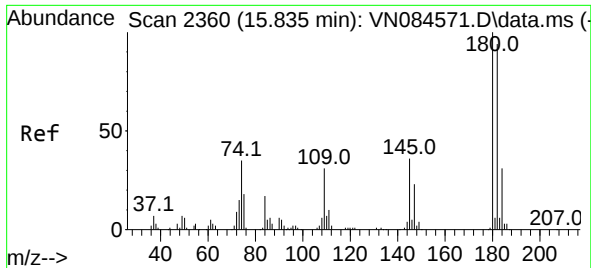
Ion Ratio Lower Upper

128 100

127 12.4 10.5 15.7

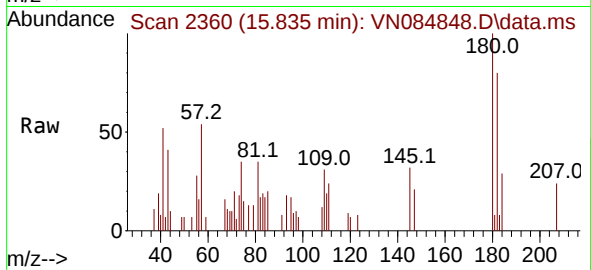
129 10.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.882 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN084848.D
 Acq: 14 Nov 2024 13:48

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 4341
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.2 144.6
 145 34.8 17.3 51.9

