

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
 Data File : VN075824.D
 Acq On : 15 Dec 2022 17:47
 Operator : JC\MD
 Sample : N6074-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 16 03:11:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	370684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	572912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	502427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	228188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	192194	47.659	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.320%
35) Dibromofluoromethane	8.171	113	171406	48.311	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.620%
50) Toluene-d8	10.571	98	664905	50.123	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.240%
62) 4-Bromofluorobenzene	12.847	95	219867	50.042	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.080%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.518	62	1199	0.307	ug/l	89
8) Diethyl Ether	3.971	74	5405	2.498	ug/l	98
11) Tert butyl alcohol	5.530	59	2801342	4909.280	ug/l	100
14) Allyl chloride	4.959	41	26182	6.817	ug/l #	34
15) Acrylonitrile	5.530	53	26881	17.262	ug/l #	21
16) Acetone	4.442	43	72899	52.440	ug/l	100
17) Carbon Disulfide	4.730	76	4072	0.512	ug/l #	91
19) Methyl tert-butyl Ether	5.812	73	14705	1.359	ug/l #	89
20) Methylene Chloride	5.295	84	171	Below Cal	#	12
25) 2-Butanone	7.441	43	123150	63.269	ug/l #	68
26) 2,2-Dichloropropane	7.441	77	170116	32.285	ug/l #	50
27) cis-1,2-Dichloroethene	7.500	96	3535	0.821	ug/l #	13
28) Bromochloromethane	7.836	49	1472	0.540	ug/l #	4
29) Tetrahydrofuran	7.841	42	815858	668.848	ug/l	99
31) Cyclohexane	8.230	56	7313	1.266	ug/l #	8
37) Ethyl Acetate	7.559	43	8018	2.118	ug/l #	65
38) Carbon Tetrachloride	8.230	117	36333	6.888	ug/l #	16
40) Benzene	8.612	78	44751	3.077	ug/l	96
41) Methacrylonitrile	7.841	41	457956	232.723	ug/l #	39
42) 1,2-Dichloroethane	8.677	62	1635	0.338	ug/l #	72
43) Isopropyl Acetate	8.659	43	10460	1.675	ug/l #	50
49) 1,4-Dioxane	9.694	88	4802	69.446	ug/l #	88
51) 4-Methyl-2-Pentanone	10.571	43	11628	3.079	ug/l	88
52) Toluene	10.635	92	67855	7.165	ug/l	98
55) 1,1,2-Trichloroethane	10.924	97	1627	0.438	ug/l #	40
59) 2-Hexanone	11.059	43	13306	4.831	ug/l	63
65) Chlorobenzene	11.894	112	8777	0.851	ug/l	99
67) Ethyl Benzene	11.965	91	32873	1.889	ug/l	96
68) m/p-Xylenes	12.071	106	50549	7.338	ug/l	99
69) o-Xylene	12.400	106	35894	5.265	ug/l	97
70) Styrene	12.406	104	4761	0.439	ug/l #	1
71) Bromoform	12.847	173	1601	0.576	ug/l #	1
73) Isopropylbenzene	12.700	105	13400	0.813	ug/l	98
76) 1,2,3-Trichloropropane	12.853	75	111893	24.326	ug/l #	1
79) 2-Chlorotoluene	13.094	91	2388	0.210	ug/l	85
80) 1,3,5-Trimethylbenzene	13.176	105	11751	0.851	ug/l	92

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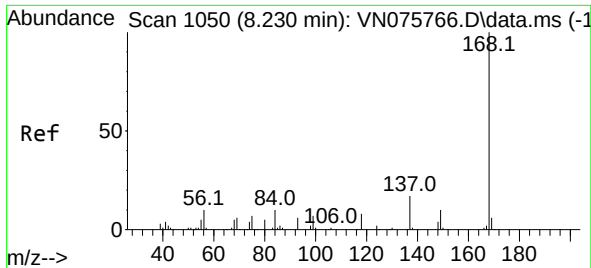
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

81) trans-1,4-Dichloro-2-b...	12.853	75	111893	87.562	ug/l #	12
82) 4-Chlorotoluene	13.094	91	2388	0.210	ug/l	85
83) tert-Butylbenzene	13.670	119	2959	0.243	ug/l	78
84) 1,2,4-Trimethylbenzene	13.482	105	33734	2.464	ug/l	99
85) sec-Butylbenzene	13.600	105	5010	0.298	ug/l #	41
86) p-Isopropyltoluene	13.735	119	51448	3.681	ug/l	99
87) 1,3-Dichlorobenzene	13.818	146	21528	2.793	ug/l	88
88) 1,4-Dichlorobenzene	13.818	146	21528	2.734	ug/l	88
89) n-Butylbenzene	13.994	91	4515	0.399	ug/l #	44
90) Hexachloroethane	14.335	117	975	0.390	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.729	75	319	0.353	ug/l #	1
95) Naphthalene	15.641	128	113298	10.903	ug/l	100

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

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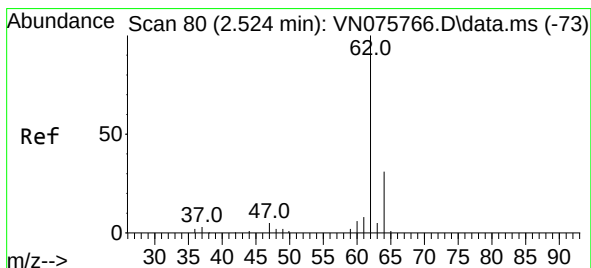
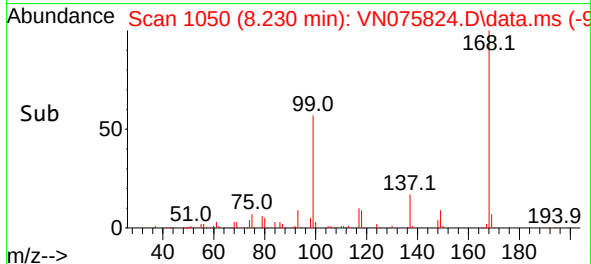
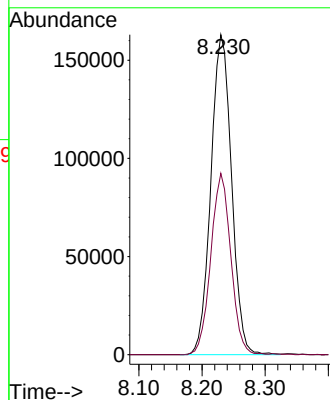
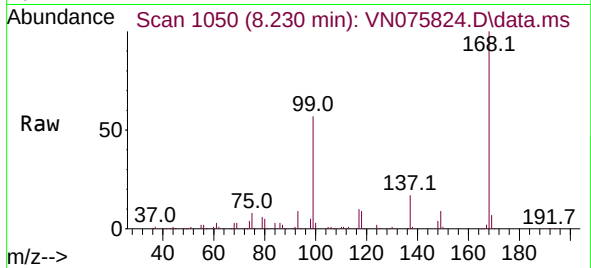




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075824.D
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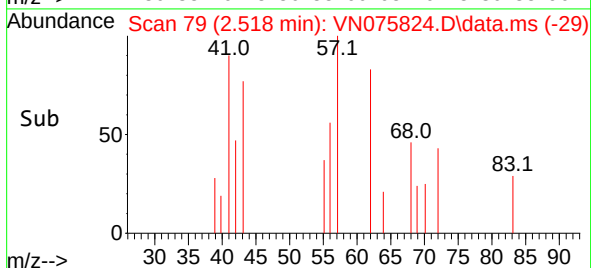
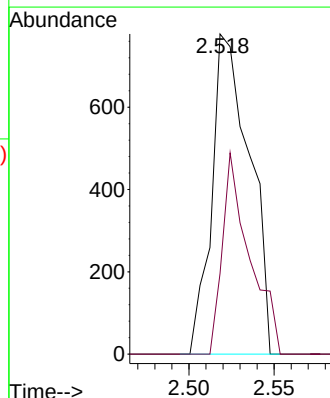
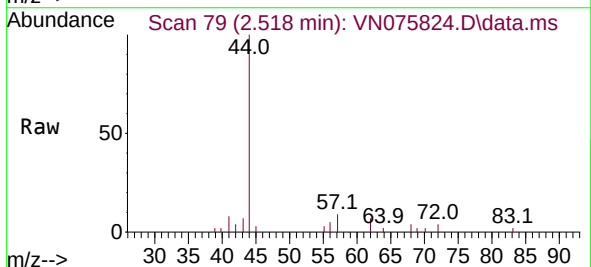
Instrument :
MSVOA_N
ClientSampleId :

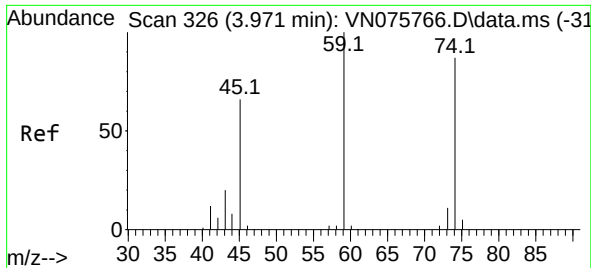
Tgt Ion:168 Resp: 370684
Ion Ratio Lower Upper
168 100
99 56.6 44.2 66.4



#4
Vinyl Chloride
Concen: 0.307 ug/l
RT: 2.518 min Scan# 79
Delta R.T. -0.006 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

Tgt Ion: 62 Resp: 1199
Ion Ratio Lower Upper
62 100
64 25.2 24.9 37.3





#8

Diethyl Ether

Concen: 2.498 ug/l

RT: 3.971 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN075824.D

Acq: 15 Dec 2022 17:47

Instrument :

MSVOA_N

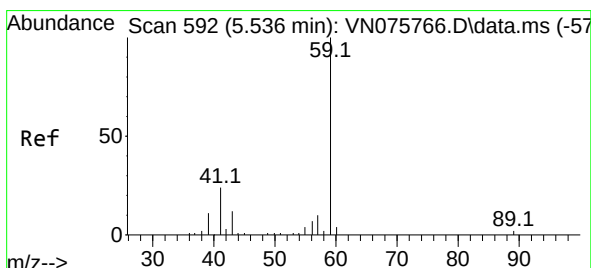
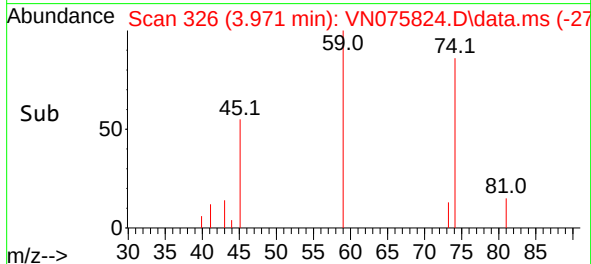
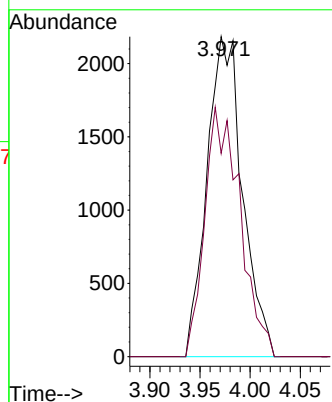
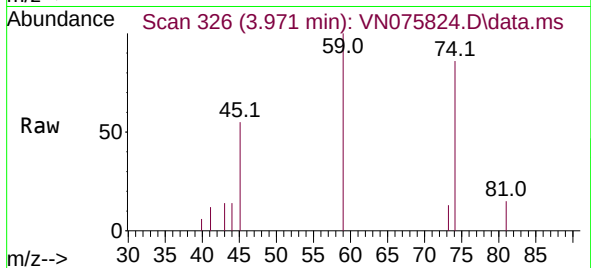
ClientSampleId :

Tgt Ion: 74 Resp: 5405

Ion Ratio Lower Upper

74 100

45 77.0 37.8 113.4



#11

Tert butyl alcohol

Concen: 4909.280 ug/l

RT: 5.530 min Scan# 591

Delta R.T. -0.006 min

Lab File: VN075824.D

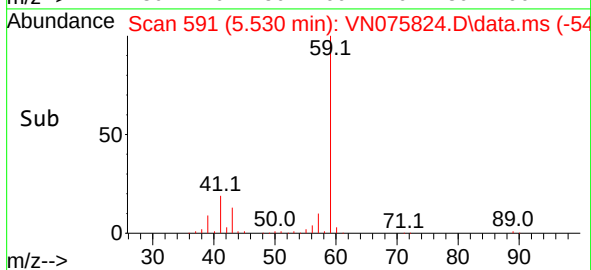
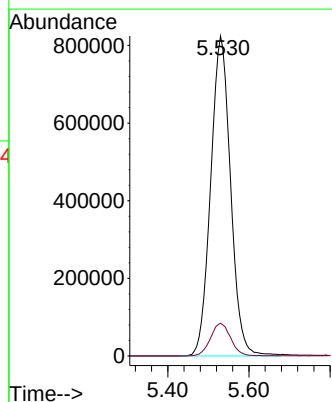
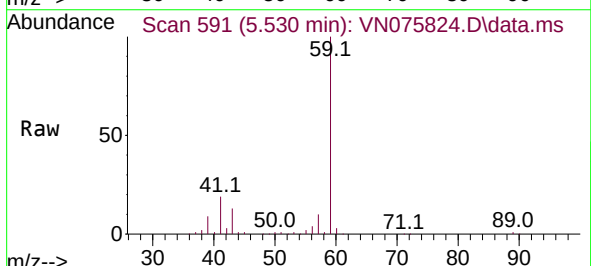
Acq: 15 Dec 2022 17:47

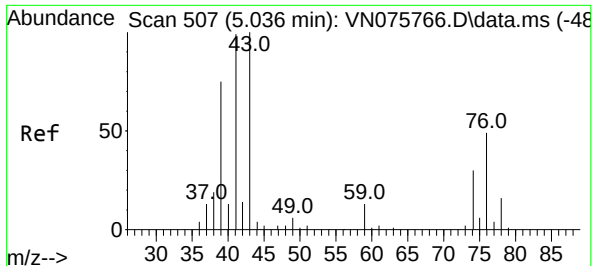
Tgt Ion: 59 Resp: 2801342

Ion Ratio Lower Upper

59 100

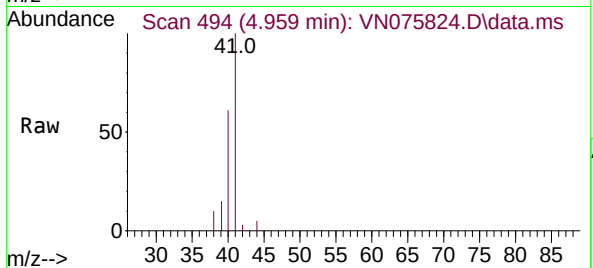
57 10.4 8.2 12.4



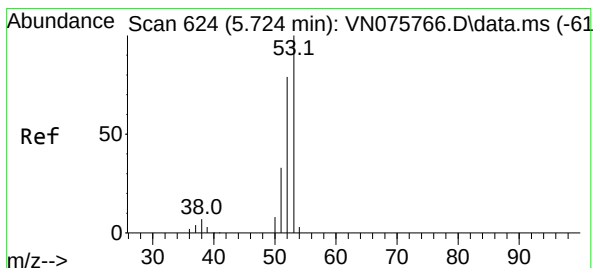
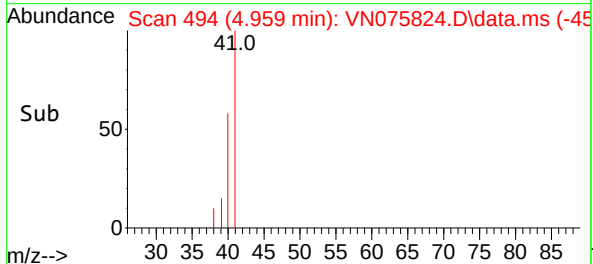
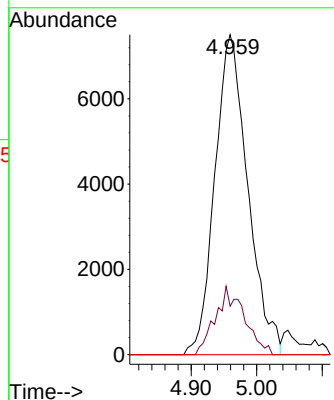


#14
 Allyl chloride
 Concen: 6.817 ug/l
 RT: 4.959 min Scan# 494
 Delta R.T. -0.076 min
 Lab File: VN075824.D
 Acq: 15 Dec 2022 17:47

Instrument :
 MSVOA_N
 ClientSampleId :

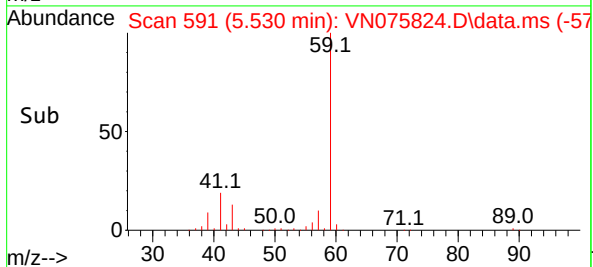
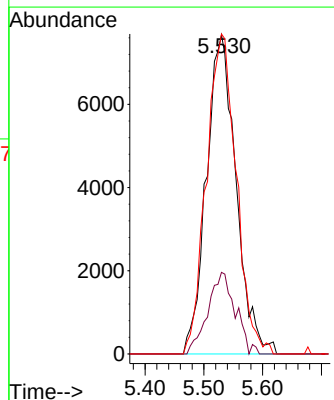
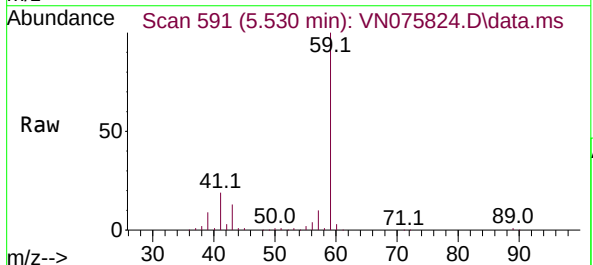


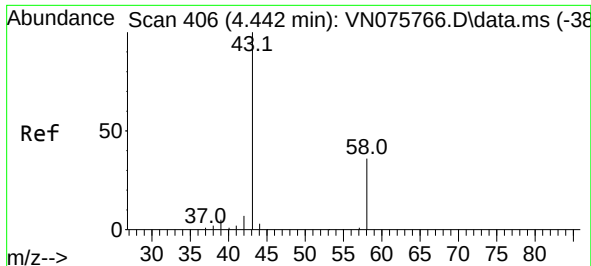
Tgt Ion: 41 Resp: 26182
 Ion Ratio Lower Upper
 41 100
 39 18.8 58.3 87.5#
 76 0.0 35.8 53.6#



#15
 Acrylonitrile
 Concen: 17.262 ug/l
 RT: 5.530 min Scan# 591
 Delta R.T. -0.194 min
 Lab File: VN075824.D
 Acq: 15 Dec 2022 17:47

Tgt Ion: 53 Resp: 26881
 Ion Ratio Lower Upper
 53 100
 52 23.7 65.4 98.0#
 51 101.0 28.9 43.3#





#16

Acetone

Concen: 52.440 ug/l

RT: 4.442 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN075824.D

Acq: 15 Dec 2022 17:47

Instrument :

MSVOA_N

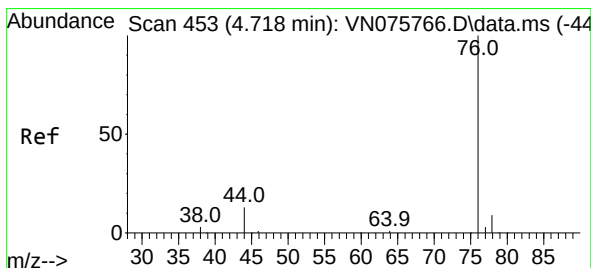
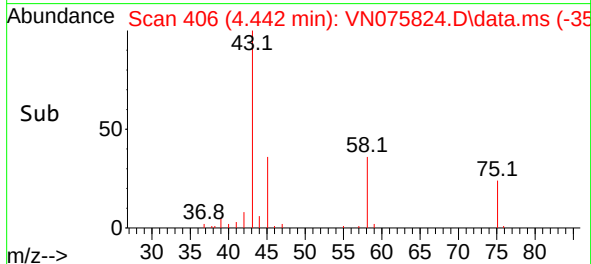
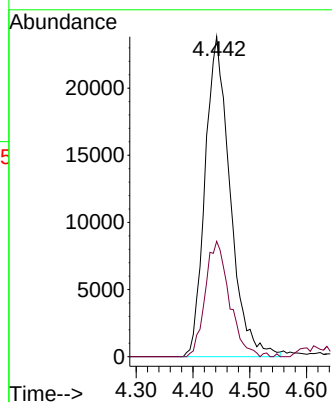
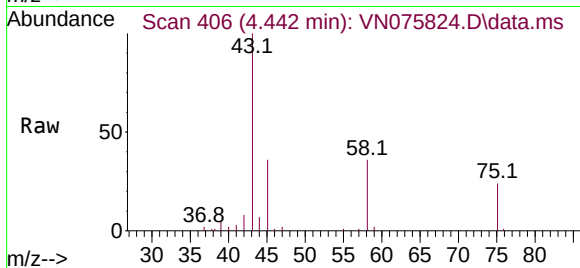
ClientSampleId :

Tgt Ion: 43 Resp: 72899

Ion Ratio Lower Upper

43 100

58 36.1 28.6 43.0



#17

Carbon Disulfide

Concen: 0.512 ug/l

RT: 4.730 min Scan# 455

Delta R.T. 0.012 min

Lab File: VN075824.D

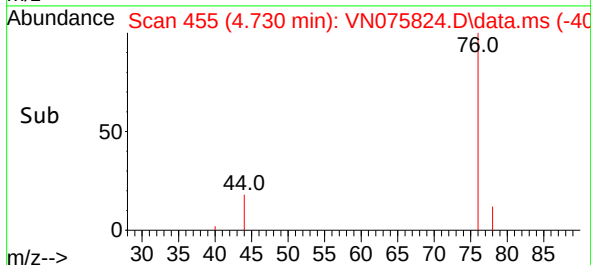
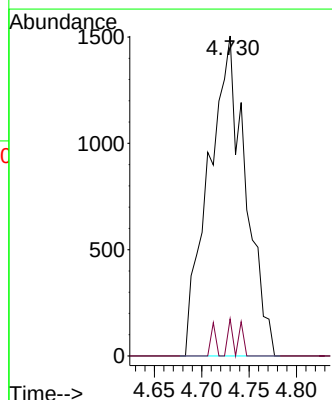
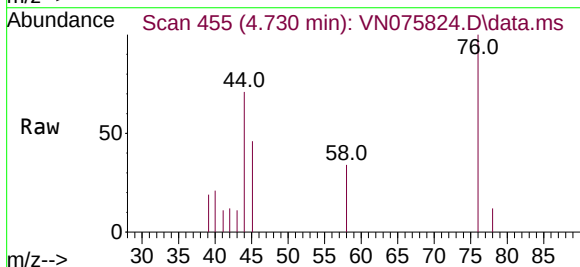
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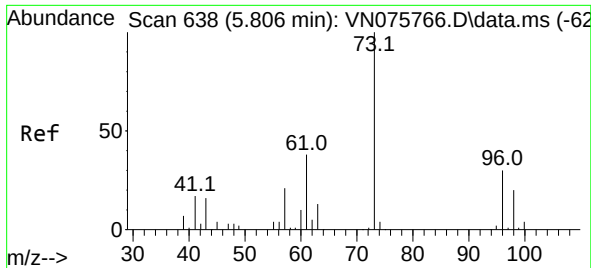
Tgt Ion: 76 Resp: 4072

Ion Ratio Lower Upper

76 100

78 11.6 6.8 10.2#

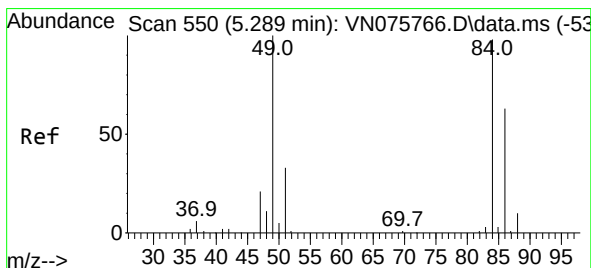
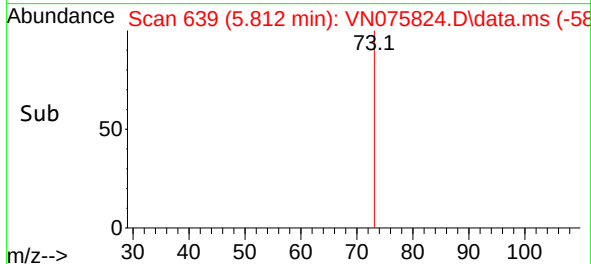
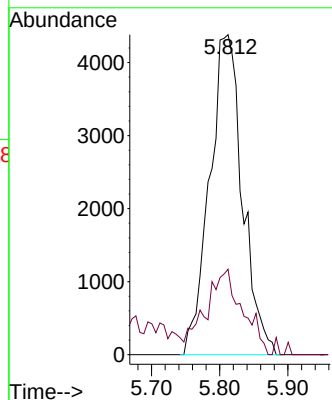
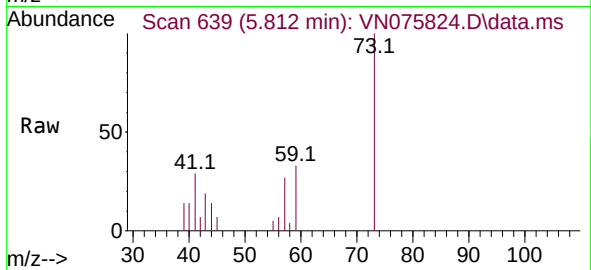




#19
Methyl tert-butyl Ether
Concen: 1.359 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

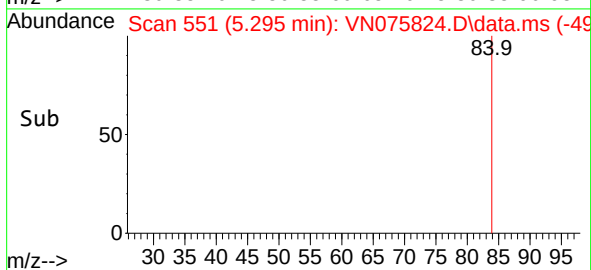
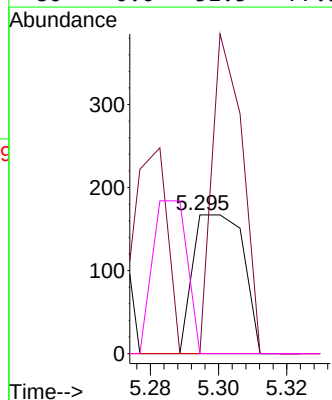
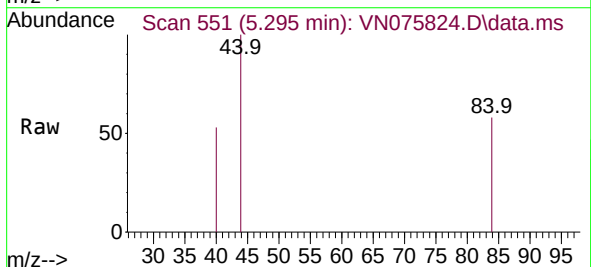
Instrument :
MSVOA_N
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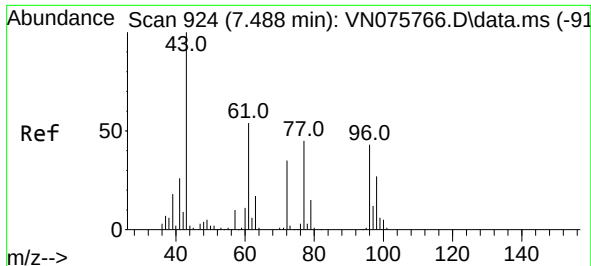
Tgt Ion: 73 Resp: 14705
Ion Ratio Lower Upper
73 100
57 26.7 17.1 25.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

Tgt Ion: 84 Resp: 171
Ion Ratio Lower Upper
84 100
49 0.0 81.8 122.6#
51 0.0 26.7 40.1#
86 0.0 51.5 77.3#





#25

2-Butanone

Concen: 63.269 ug/l

RT: 7.441 min Scan# 916

Delta R.T. -0.047 min

Lab File: VN075824.D

Acq: 15 Dec 2022 17:47

Instrument :

MSVOA_N

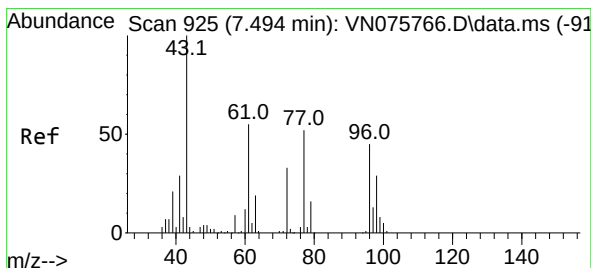
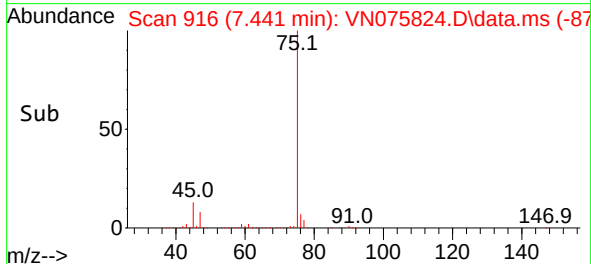
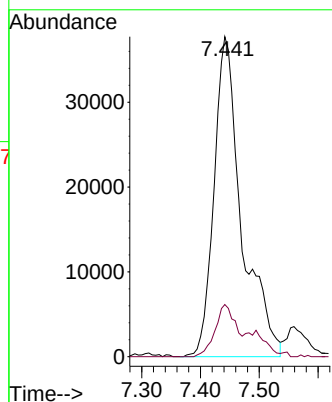
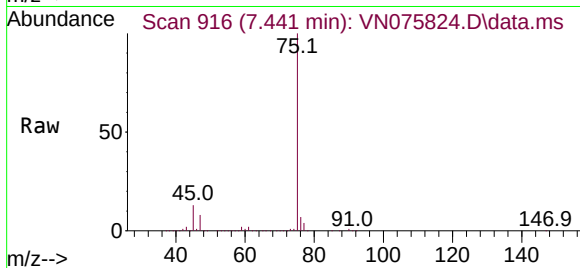
ClientSampleId :

Tgt Ion: 43 Resp: 123150

Ion Ratio Lower Upper

43 100

72 16.3 28.0 42.0#



#26

2,2-Dichloropropane

Concen: 32.285 ug/l

RT: 7.441 min Scan# 916

Delta R.T. -0.053 min

Lab File: VN075824.D

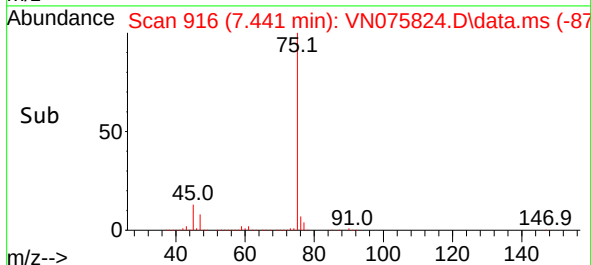
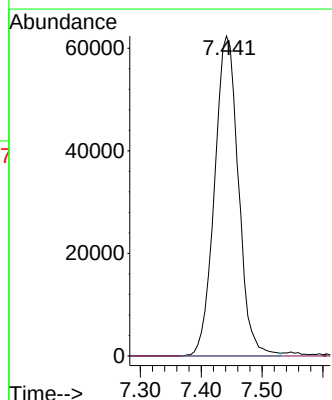
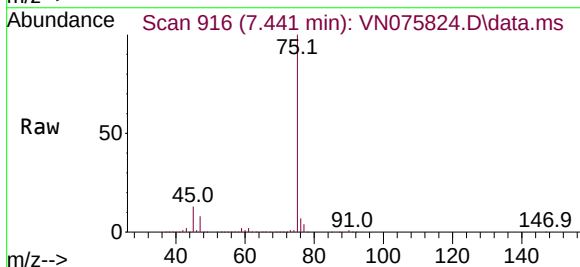
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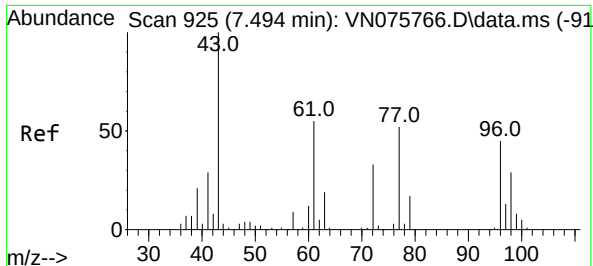
Tgt Ion: 77 Resp: 170116

Ion Ratio Lower Upper

77 100

97 0.0 12.7 38.0#





#27

cis-1,2-Dichloroethene

Concen: 0.821 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075824.D

Acq: 15 Dec 2022 17:47

Instrument :

MSVOA_N

ClientSampleId :

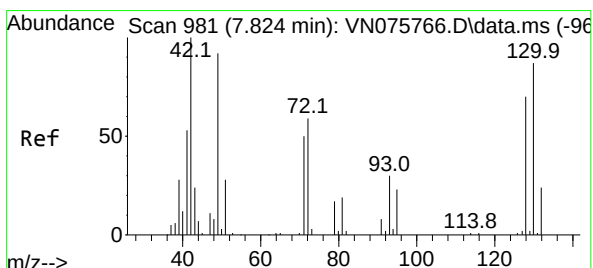
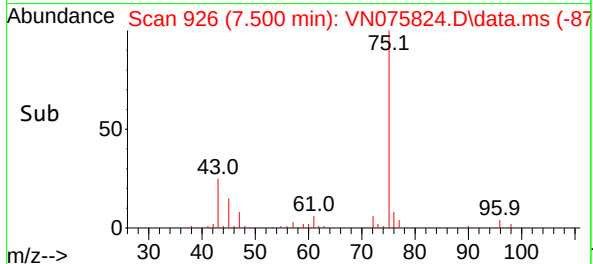
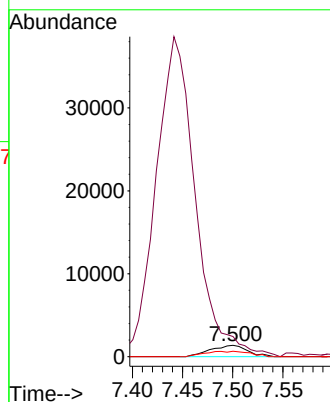
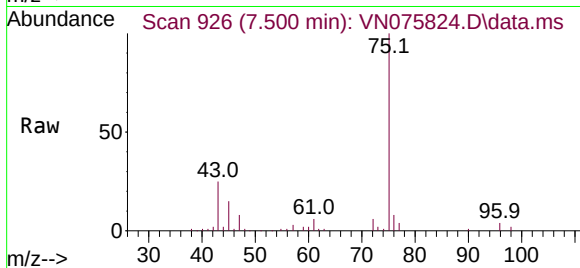
Tgt Ion: 96 Resp: 3535

Ion Ratio Lower Upper

96 100

61 0.0 0.0 247.8

98 30.9 0.0 128.4



#28

Bromochloromethane

Concen: 0.540 ug/l

RT: 7.836 min Scan# 983

Delta R.T. 0.012 min

Lab File: VN075824.D

Acq: 15 Dec 2022 17:47

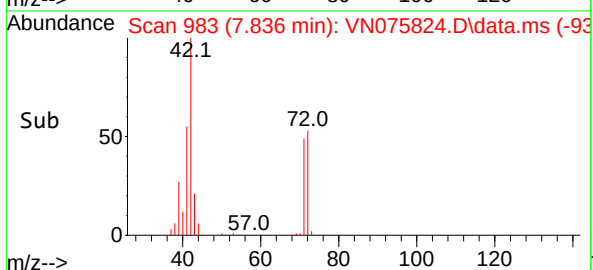
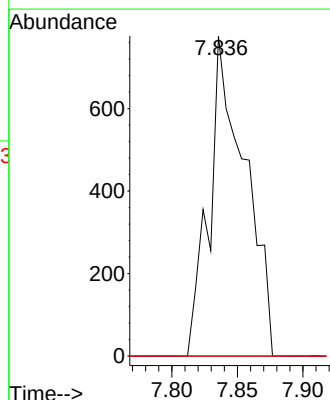
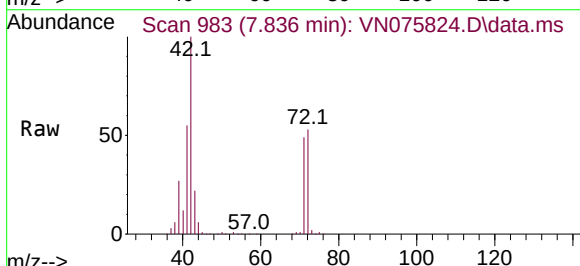
Tgt Ion: 49 Resp: 1472

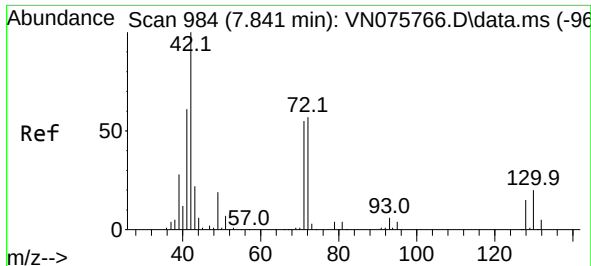
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

130 0.0 77.0 115.4#





#29

Tetrahydrofuran

Concen: 668.848 ug/l

RT: 7.841 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075824.D

Acq: 15 Dec 2022 17:47

Instrument :

MSVOA_N

ClientSampleId :

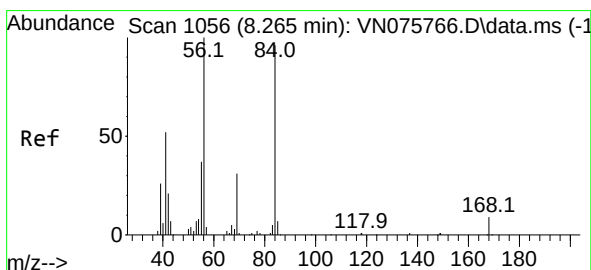
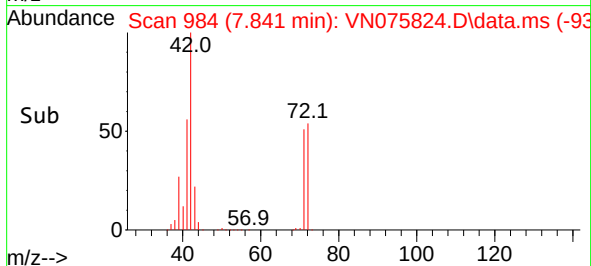
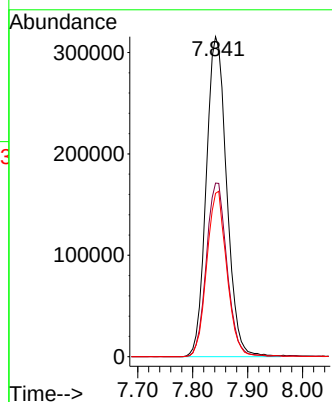
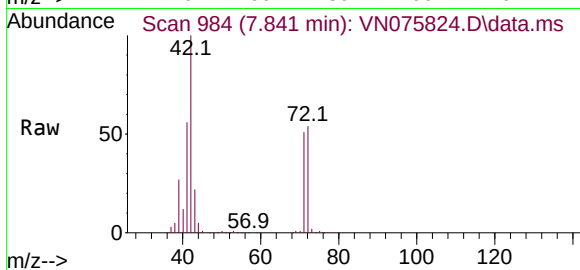
Tgt Ion: 42 Resp: 815858

Ion Ratio Lower Upper

42 100

72 54.8 44.5 66.7

71 50.7 41.0 61.6



#31

Cyclohexane

Concen: 1.266 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.035 min

Lab File: VN075824.D

Acq: 15 Dec 2022 17:47

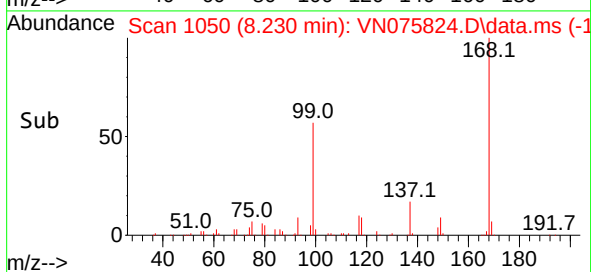
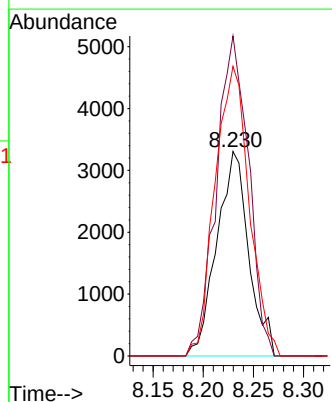
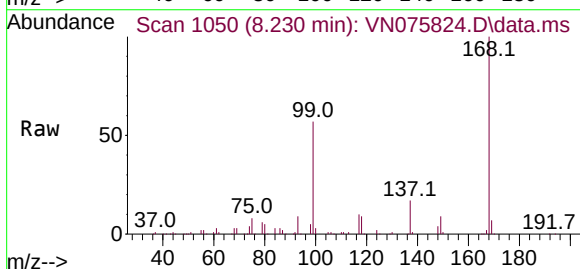
Tgt Ion: 56 Resp: 7313

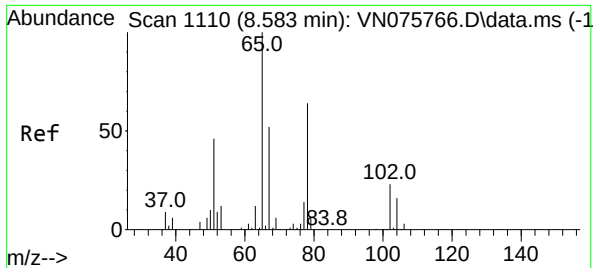
Ion Ratio Lower Upper

56 100

69 156.5 24.7 37.1#

84 141.6 76.5 114.7#





#33

1,2-Dichloroethane-d4

Concen: 47.659 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075824.D

Acq: 15 Dec 2022 17:47

Instrument :

MSVOA_N

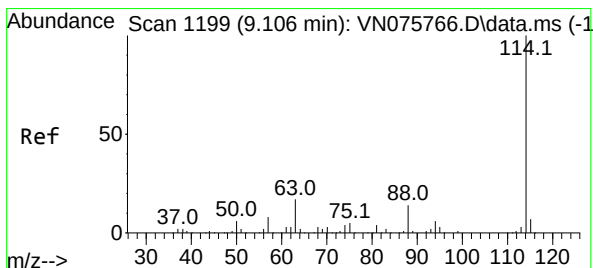
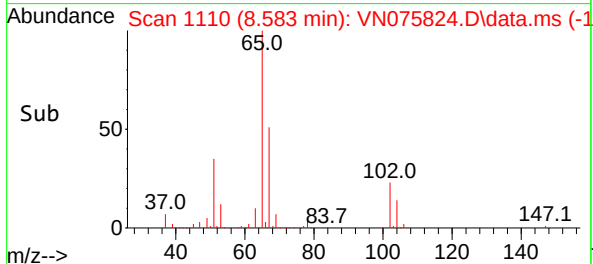
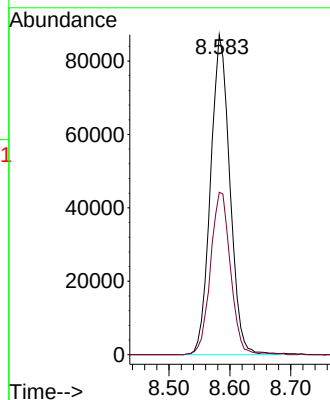
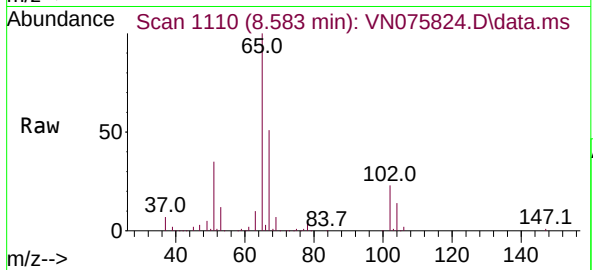
ClientSampleId :

Tgt Ion: 65 Resp: 192194

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075824.D

Acq: 15 Dec 2022 17:47

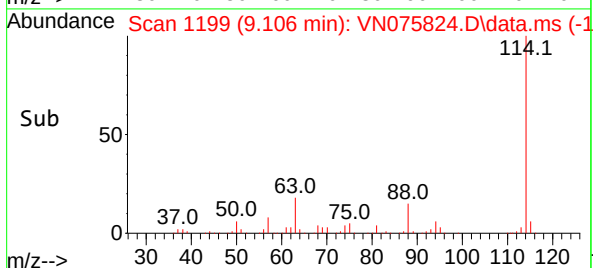
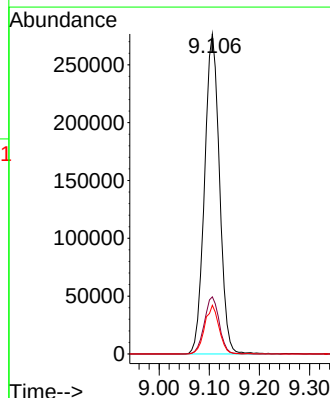
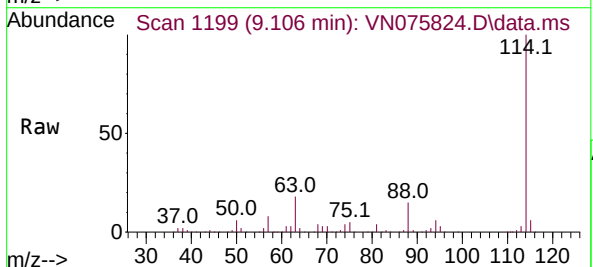
Tgt Ion: 114 Resp: 572912

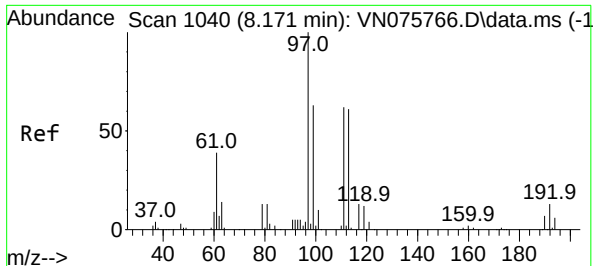
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 15.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.311 ug/l

RT: 8.171 min Scan# 1

Delta R.T. 0.000 min

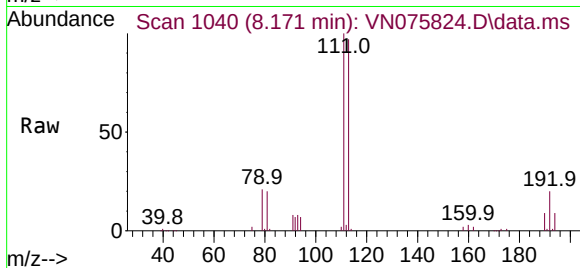
Lab File: VN075824.D

Acq: 15 Dec 2022 17:47

Instrument :

MSVOA_N

ClientSampleId :



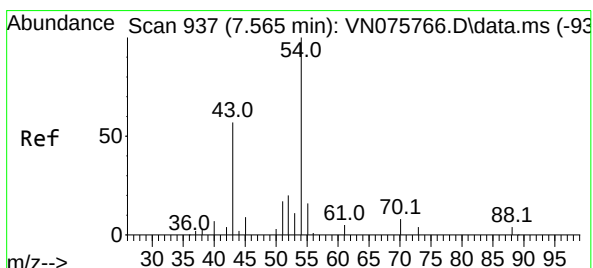
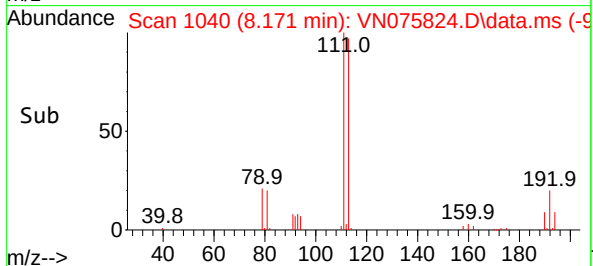
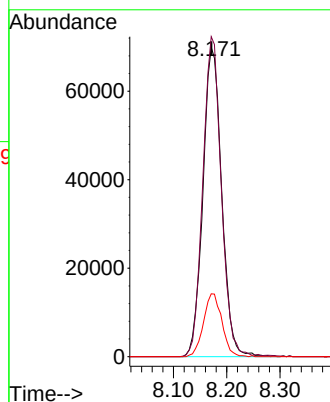
Tgt Ion:113 Resp: 171406

Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.2

192 19.9 16.1 24.1



#37

Ethyl Acetate

Concen: 2.118 ug/l

RT: 7.559 min Scan# 936

Delta R.T. -0.006 min

Lab File: VN075824.D

Acq: 15 Dec 2022 17:47

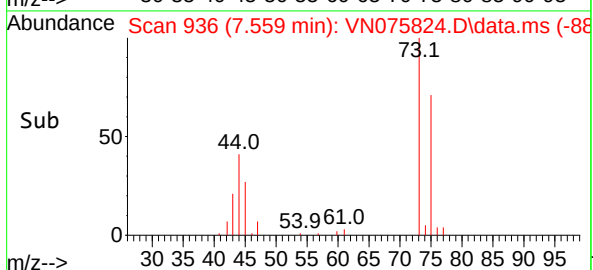
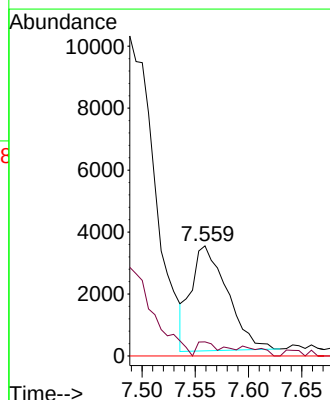
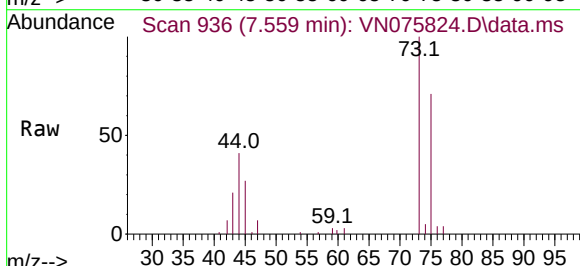
Tgt Ion: 43 Resp: 8018

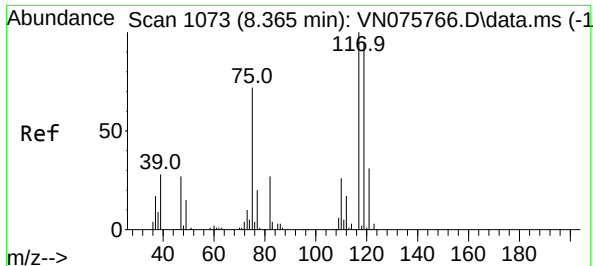
Ion Ratio Lower Upper

43 100

61 0.0 13.0 19.4#

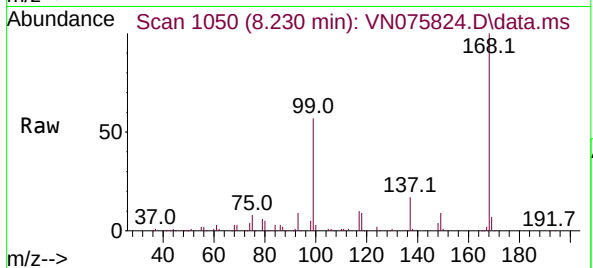
70 0.0 9.4 14.0#



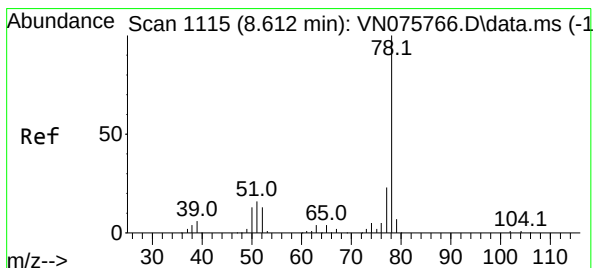
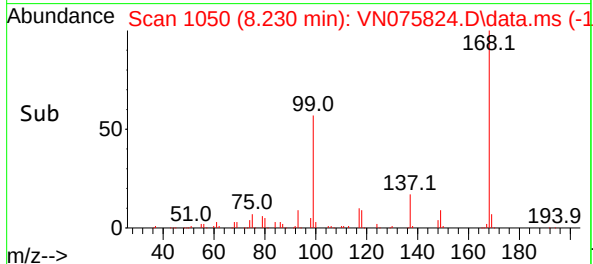
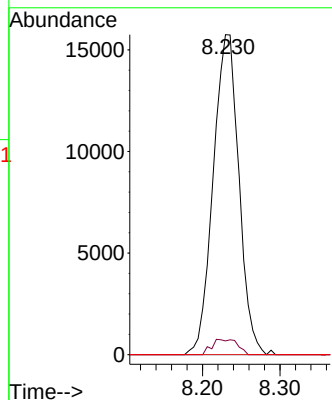


#38
Carbon Tetrachloride
Concen: 6.888 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.135 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

Instrument :
MSVOA_N
ClientSampleId :

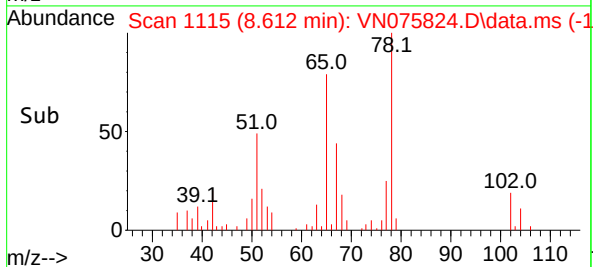
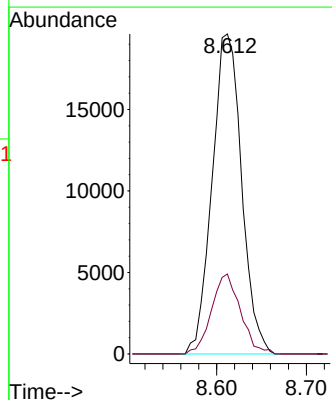
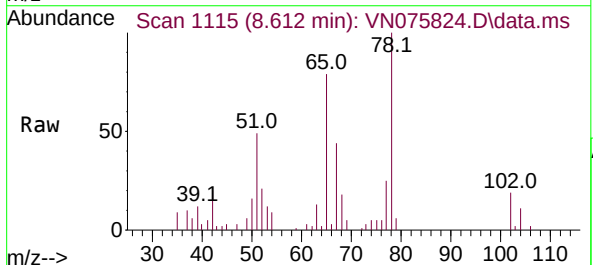


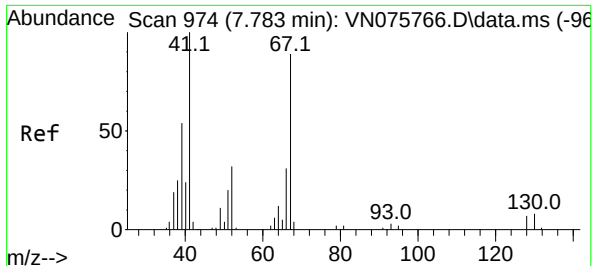
Tgt Ion:117 Resp: 36333
Ion Ratio Lower Upper
117 100
119 4.3 76.1 114.1#
121 0.0 24.5 36.7#



#40
Benzene
Concen: 3.077 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

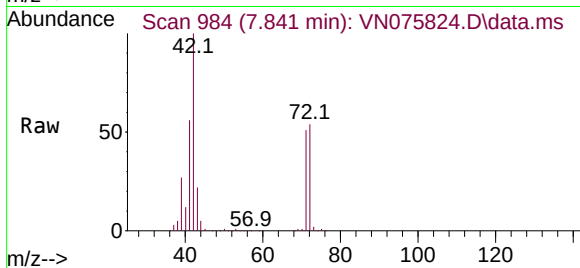
Tgt Ion: 78 Resp: 44751
Ion Ratio Lower Upper
78 100
77 25.0 18.5 27.7



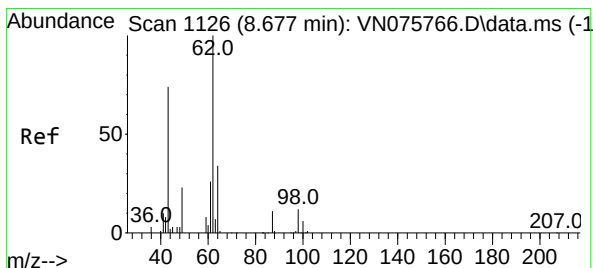
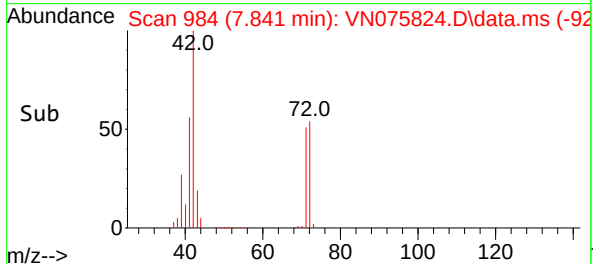
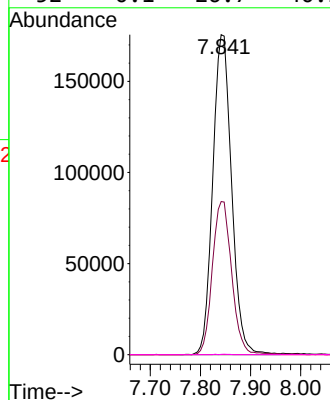


#41
Methacrylonitrile
Concen: 232.723 ug/l
RT: 7.841 min Scan# 91
Delta R.T. 0.059 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

Instrument :
MSVOA_N
ClientSampleId :

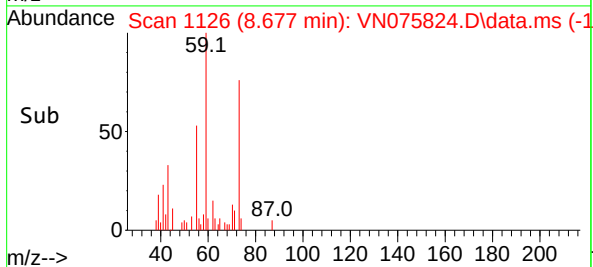
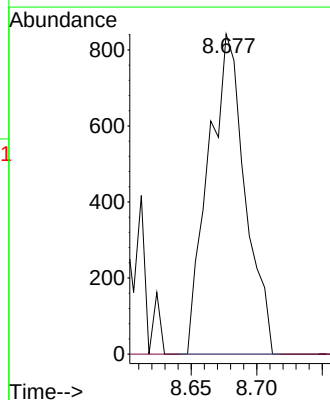
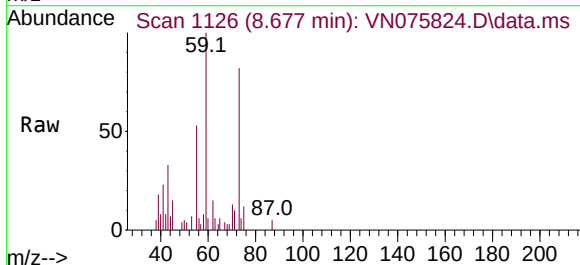


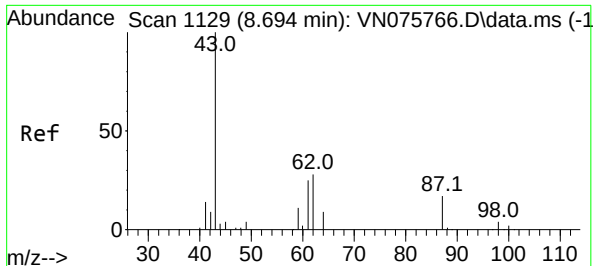
Tgt Ion: 41 Resp: 457956
Ion Ratio Lower Upper
41 100
39 49.2 43.1 64.7
67 0.0 70.7 106.1#
52 0.1 26.7 40.1#



#42
1,2-Dichloroethane
Concen: 0.338 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

Tgt Ion: 62 Resp: 1635
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.8





#43

Isopropyl Acetate

Concen: 1.675 ug/l

RT: 8.659 min Scan# 1123

Delta R.T. -0.035 min

Lab File: VN075824.D

Acq: 15 Dec 2022 17:47

Instrument :

MSVOA_N

ClientSampleId :

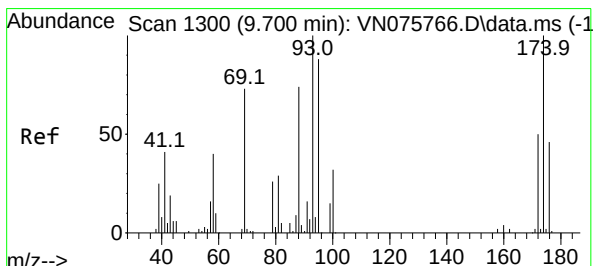
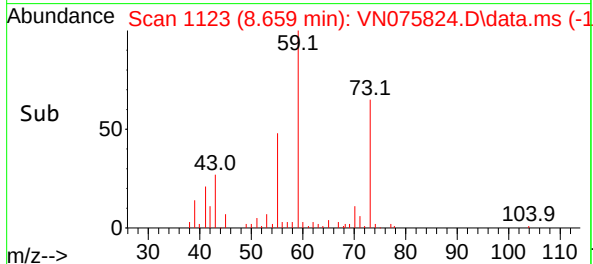
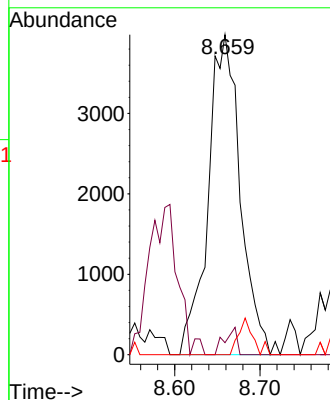
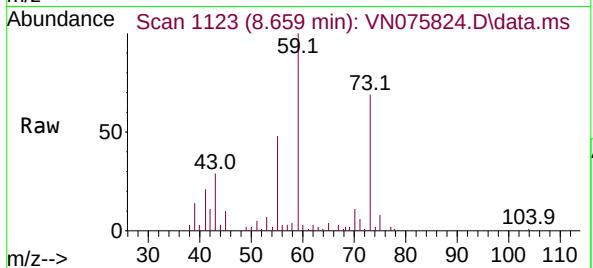
Tgt Ion: 43 Resp: 10460

Ion Ratio Lower Upper

43 100

61 0.0 24.2 36.4#

87 0.0 13.3 19.9#



#49

1,4-Dioxane

Concen: 69.446 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075824.D

Acq: 15 Dec 2022 17:47

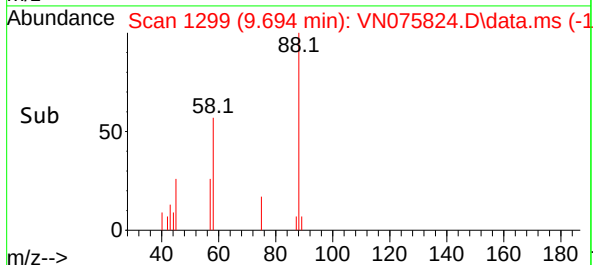
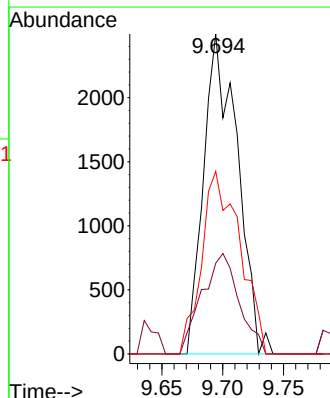
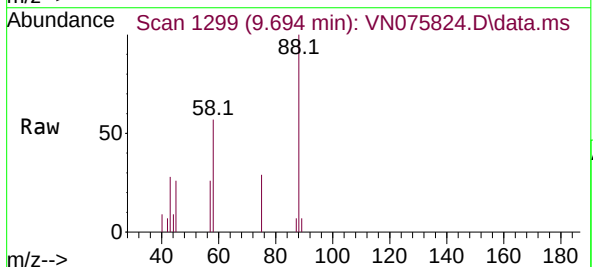
Tgt Ion: 88 Resp: 4802

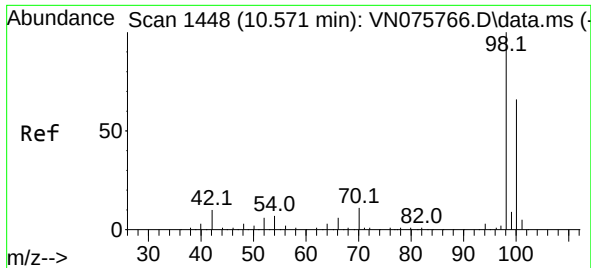
Ion Ratio Lower Upper

88 100

43 34.7 17.1 25.7#

58 64.8 47.8 71.8

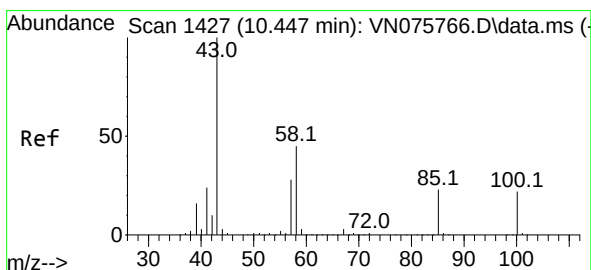
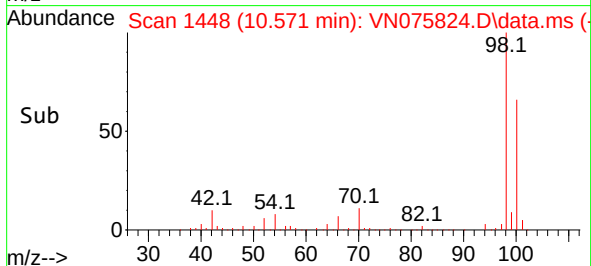
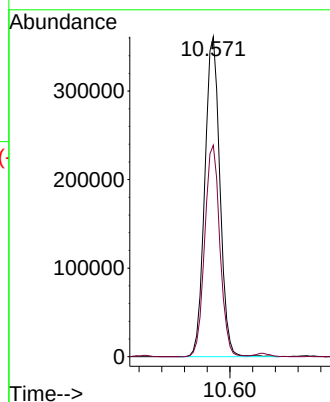
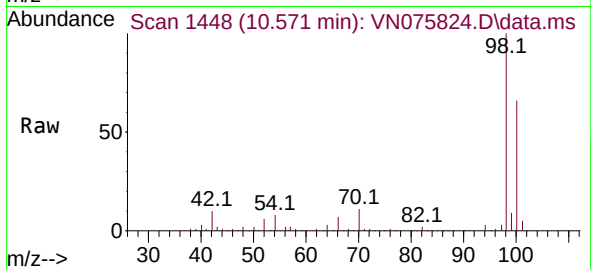




#50
Toluene-d8
Concen: 50.123 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

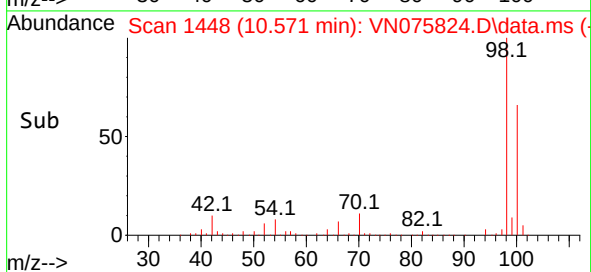
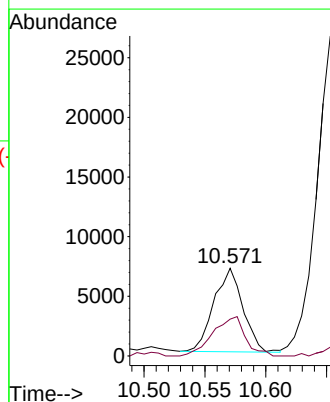
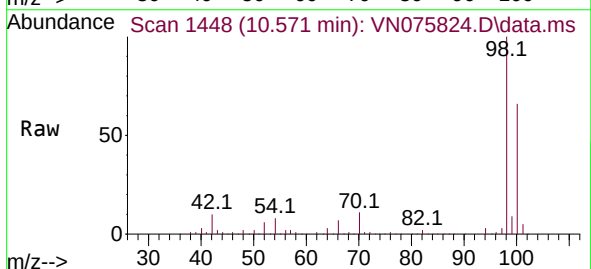
Instrument :
MSVOA_N
ClientSampleId :

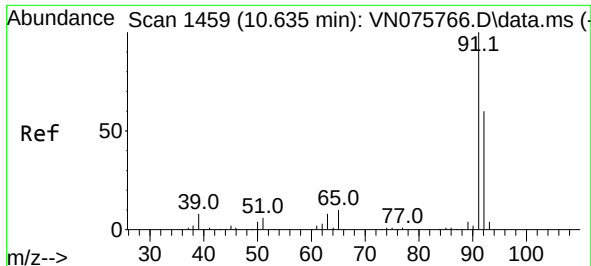
Tgt Ion: 98 Resp: 664905
Ion Ratio Lower Upper
98 100
100 66.4 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 3.079 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.124 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

Tgt Ion: 43 Resp: 11628
Ion Ratio Lower Upper
43 100
58 52.5 35.5 53.3

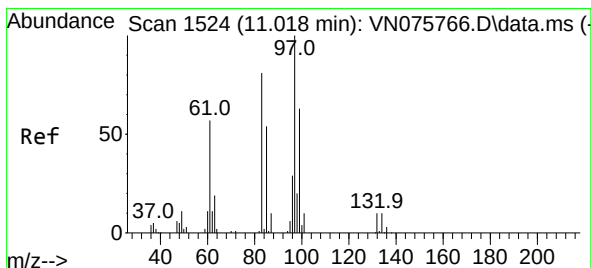
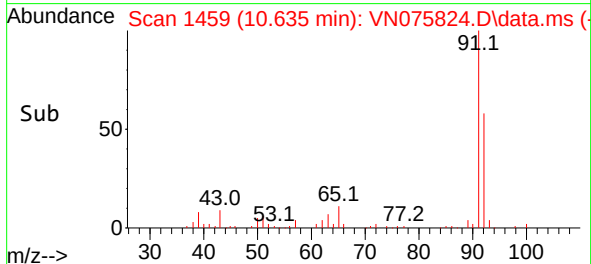
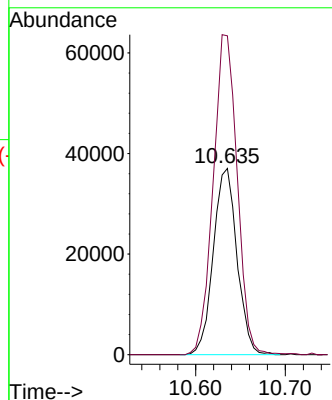
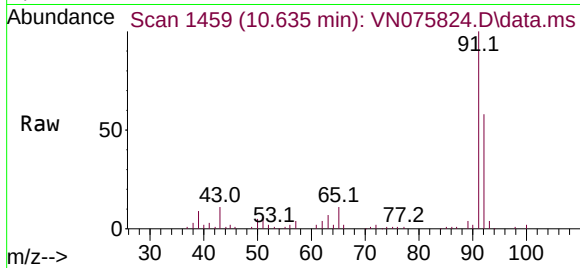




#52
Toluene
Concen: 7.165 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

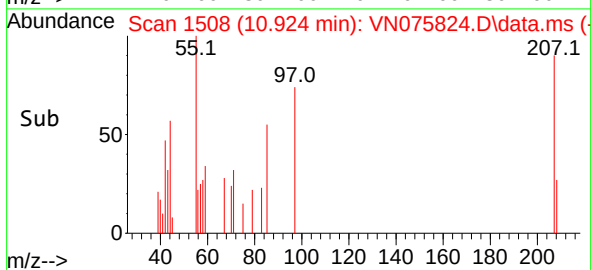
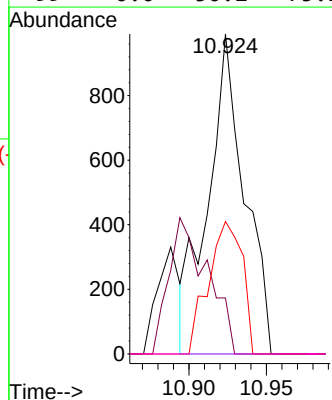
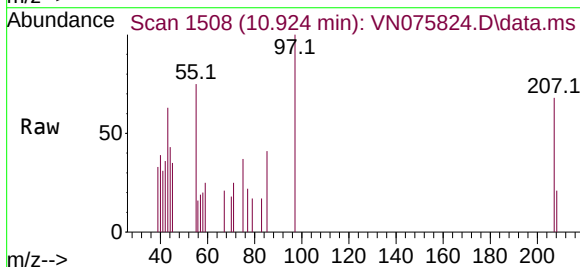
Instrument :
MSVOA_N
ClientSampleId :

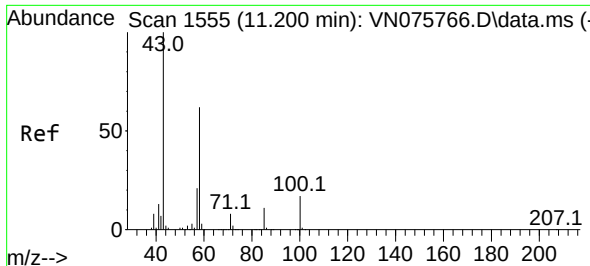
Tgt Ion: 92 Resp: 67855
Ion Ratio Lower Upper
92 100
91 174.6 137.3 205.9



#55
1,1,2-Trichloroethane
Concen: 0.438 ug/l
RT: 10.924 min Scan# 1508
Delta R.T. -0.094 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

Tgt Ion: 97 Resp: 1627
Ion Ratio Lower Upper
97 100
83 17.5 65.0 97.4#
85 41.4 43.0 64.6#
99 0.0 50.2 75.2#

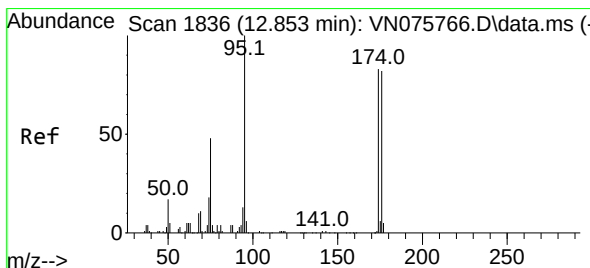
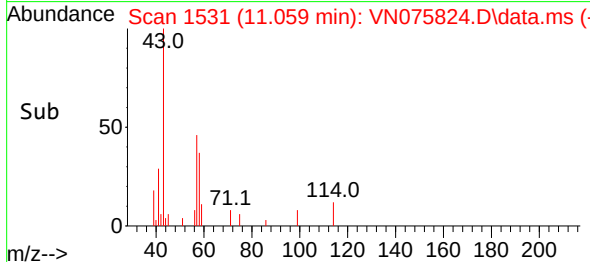
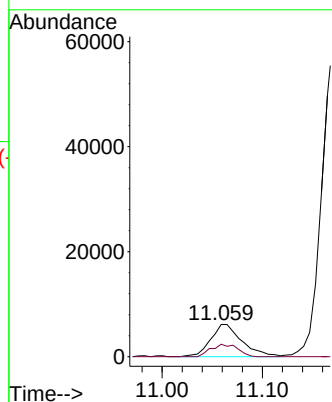
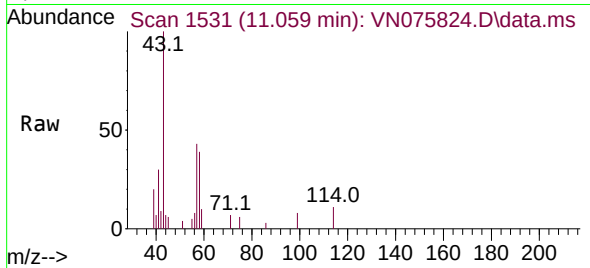




#59
2-Hexanone
Concen: 4.831 ug/l
RT: 11.059 min Scan# 11
Delta R.T. -0.141 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

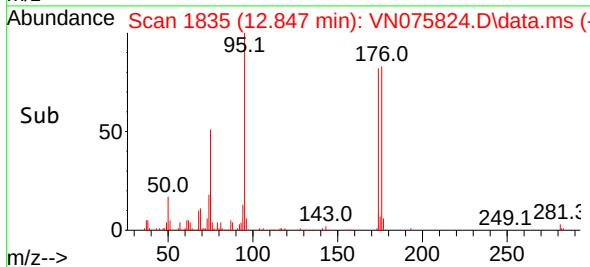
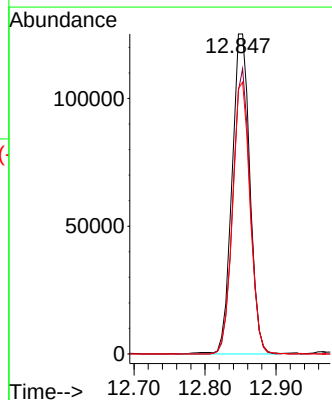
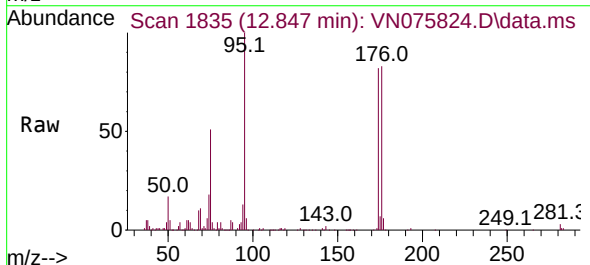
Instrument :
MSVOA_N
ClientSampleId :

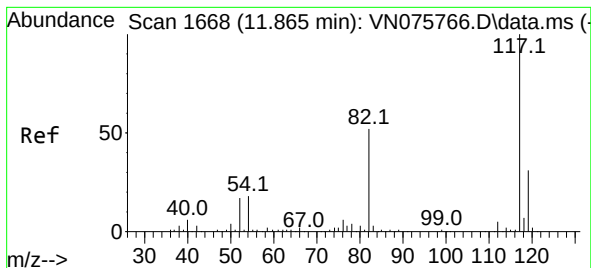
Tgt Ion: 43 Resp: 13306
Ion Ratio Lower Upper
43 100
58 32.8 30.6 92.0



#62
4-Bromofluorobenzene
Concen: 50.042 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

Tgt Ion: 95 Resp: 219867
Ion Ratio Lower Upper
95 100
174 85.3 0.0 171.6
176 82.9 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075824.D

Acq: 15 Dec 2022 17:47

Instrument :

MSVOA_N

ClientSampleId :

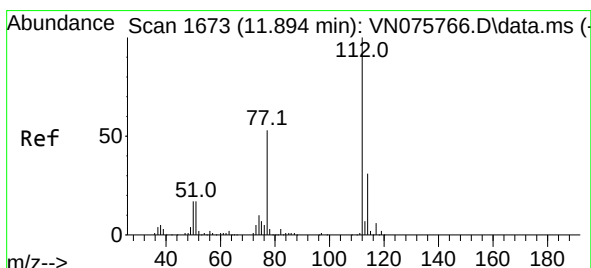
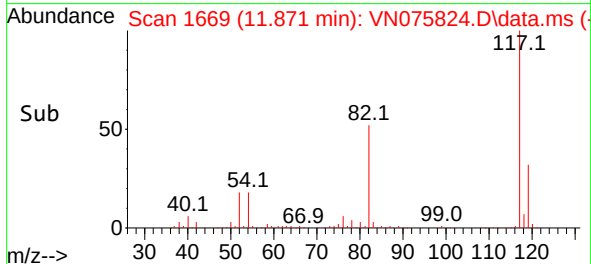
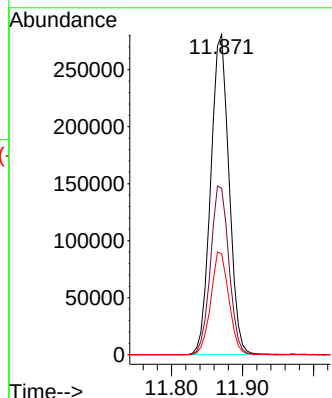
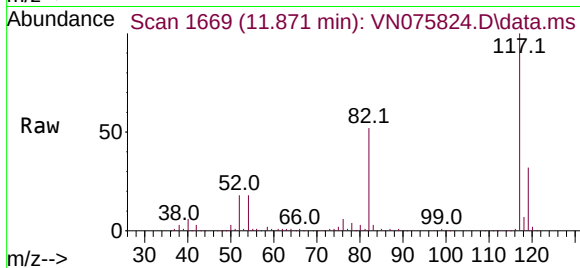
Tgt Ion:117 Resp: 502427

Ion Ratio Lower Upper

117 100

82 52.0 41.3 61.9

119 31.5 24.6 37.0



#65

Chlorobenzene

Concen: 0.851 ug/l

RT: 11.894 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VN075824.D

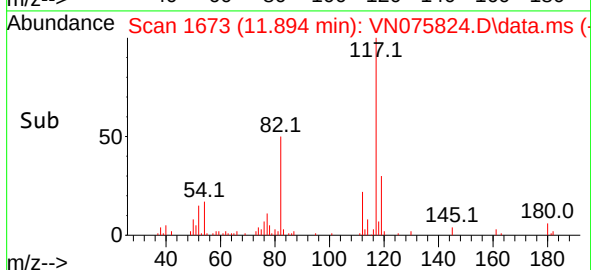
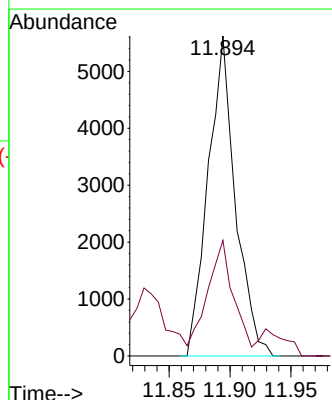
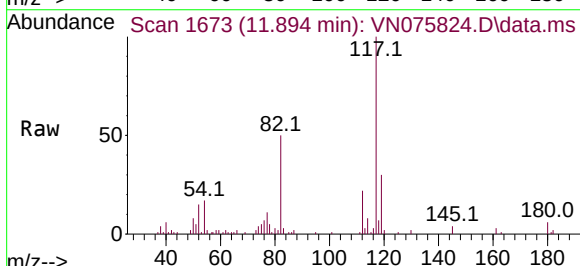
Acq: 15 Dec 2022 17:47

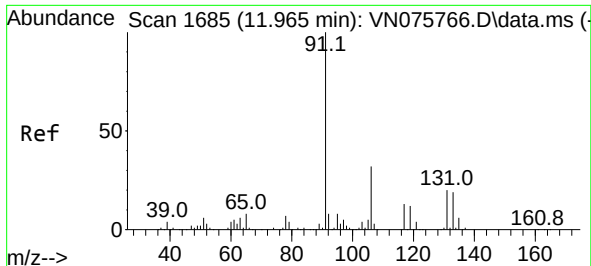
Tgt Ion:112 Resp: 8777

Ion Ratio Lower Upper

112 100

114 30.6 24.7 37.1

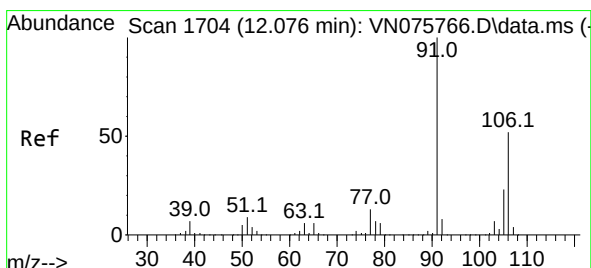
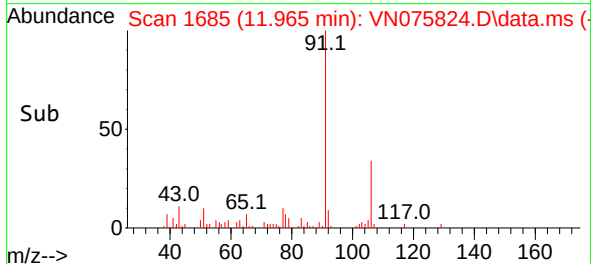
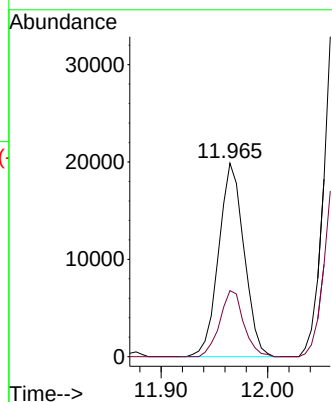
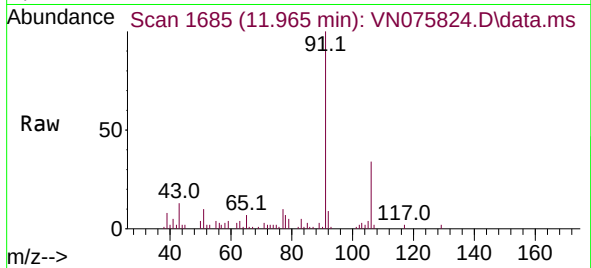




#67
Ethyl Benzene
Concen: 1.889 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

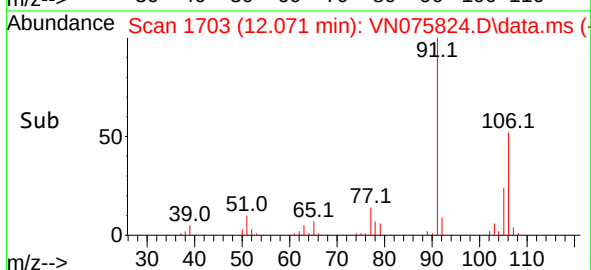
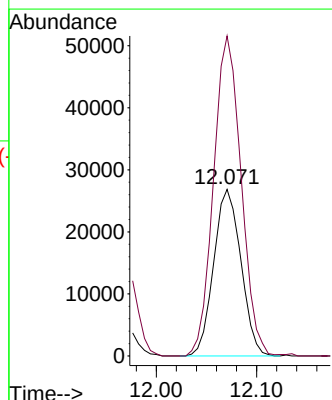
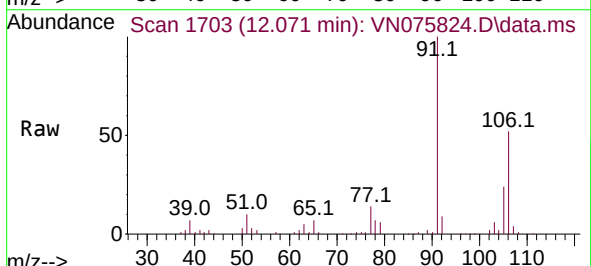
Instrument :
MSVOA_N
ClientSampleId :

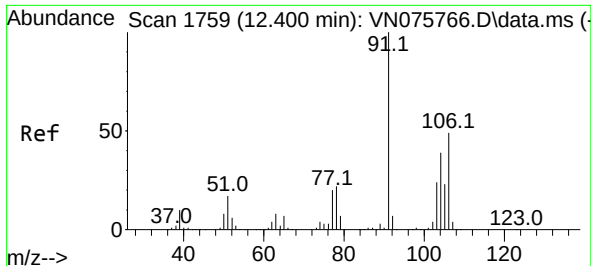
Tgt Ion: 91 Resp: 32873
Ion Ratio Lower Upper
91 100
106 34.2 25.7 38.5



#68
m/p-Xylenes
Concen: 7.338 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

Tgt Ion:106 Resp: 50549
Ion Ratio Lower Upper
106 100
91 194.8 156.6 235.0

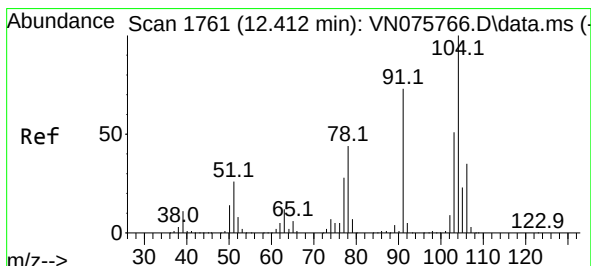
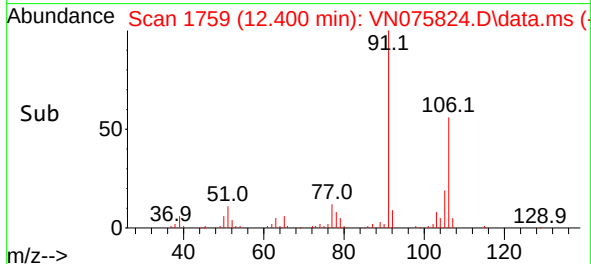
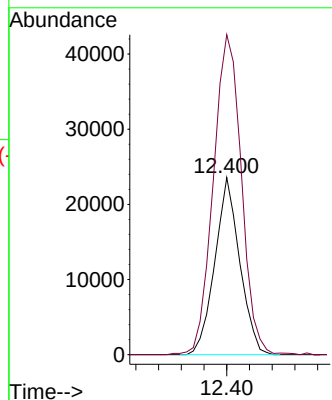
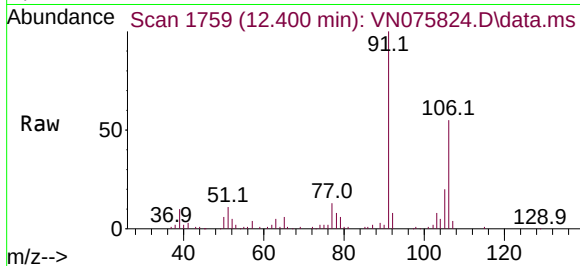




#69
o-Xylene
Concen: 5.265 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

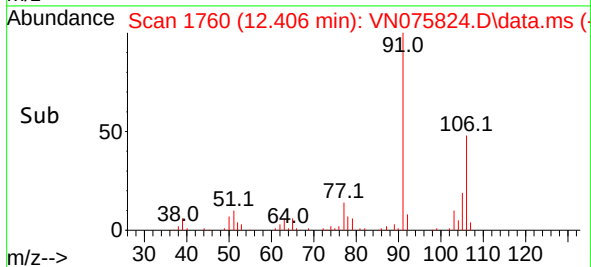
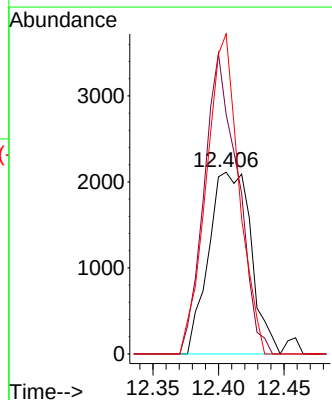
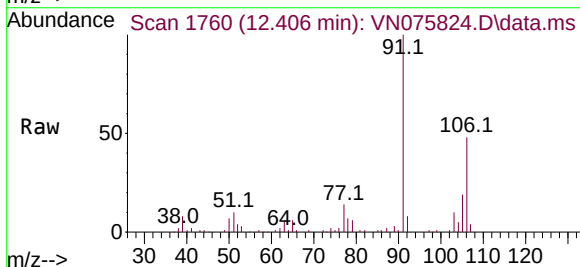
Instrument :
MSVOA_N
ClientSampleId :

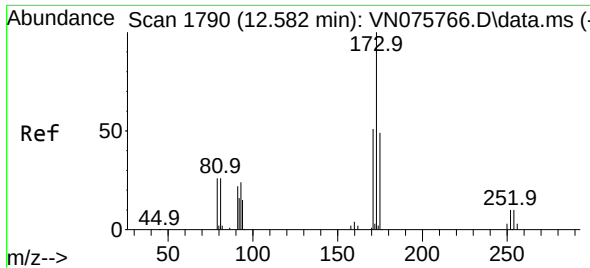
Tgt Ion:106 Resp: 35894
Ion Ratio Lower Upper
106 100
91 203.5 103.8 311.6



#70
Styrene
Concen: 0.439 ug/l
RT: 12.406 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

Tgt Ion:104 Resp: 4761
Ion Ratio Lower Upper
104 100
78 131.1 37.5 56.3#
103 135.0 43.5 65.3#

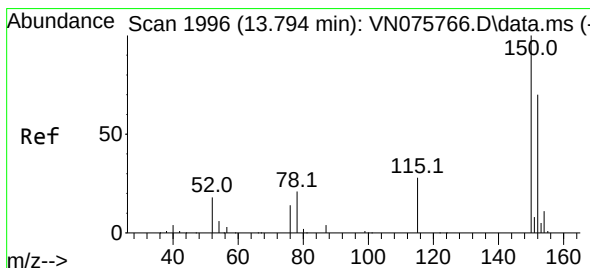
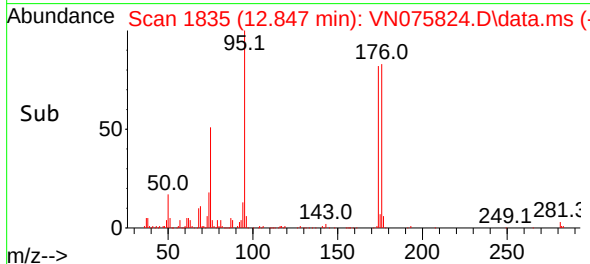
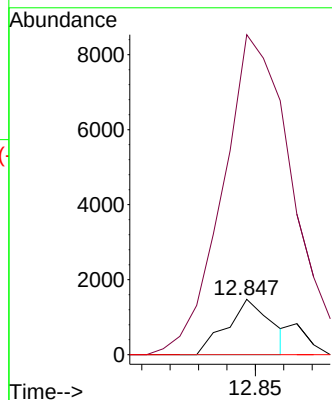
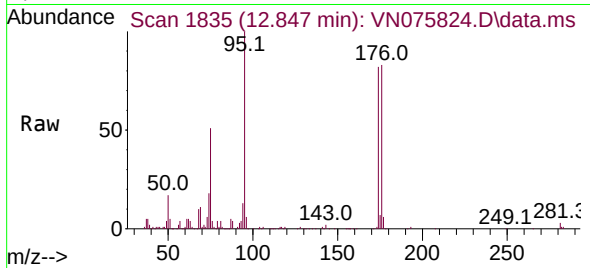




#71
Bromoform
Concen: 0.576 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

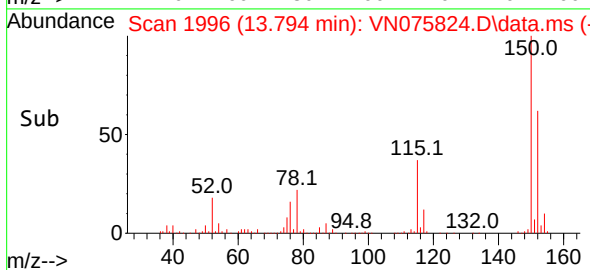
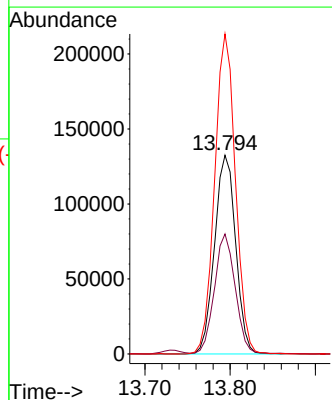
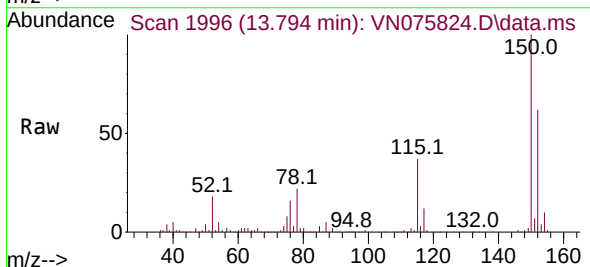
Instrument :
MSVOA_N
ClientSampleId :

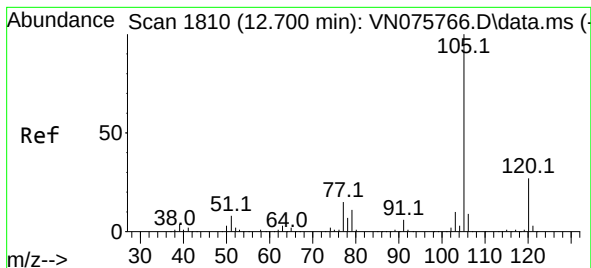
Tgt Ion:173 Resp: 1601
Ion Ratio Lower Upper
173 100
175 745.6 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

Tgt Ion:152 Resp: 228188
Ion Ratio Lower Upper
152 100
115 59.9 29.1 87.4
150 158.0 0.0 347.0





#73

Isopropylbenzene

Concen: 0.813 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN075824.D

Acq: 15 Dec 2022 17:47

Instrument :

MSVOA_N

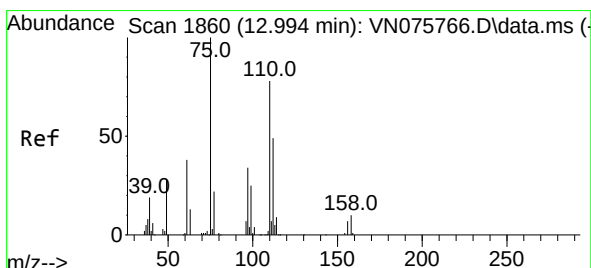
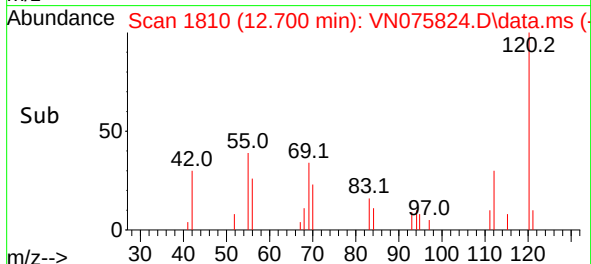
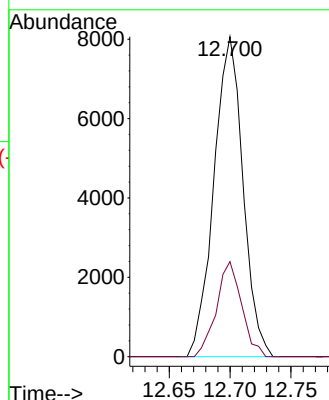
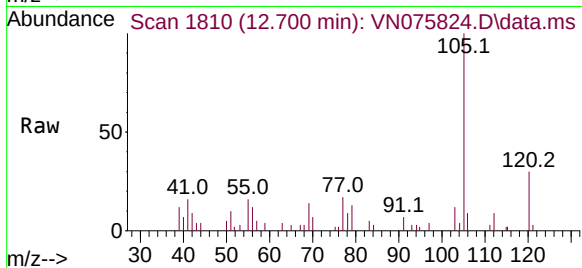
ClientSampleId :

Tgt Ion:105 Resp: 13400

Ion Ratio Lower Upper

105 100

120 25.7 13.4 40.2



#76

1,2,3-Trichloropropane

Concen: 24.326 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN075824.D

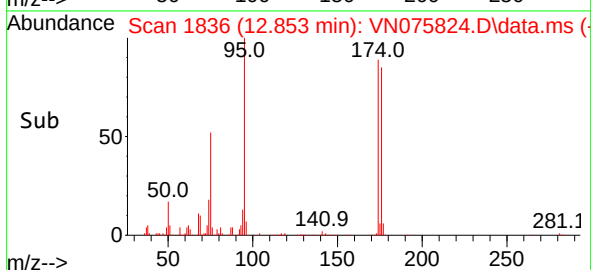
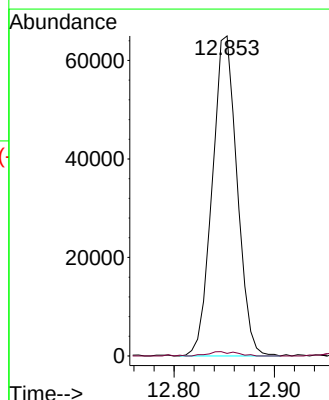
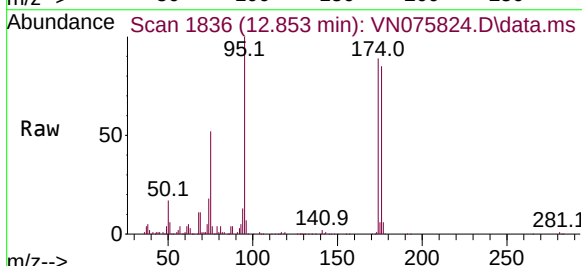
Acq: 15 Dec 2022 17:47

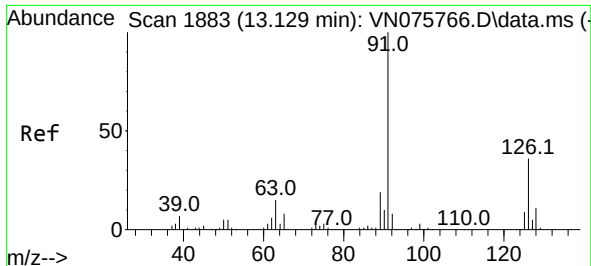
Tgt Ion: 75 Resp: 111893

Ion Ratio Lower Upper

75 100

77 1.6 82.6 247.8#

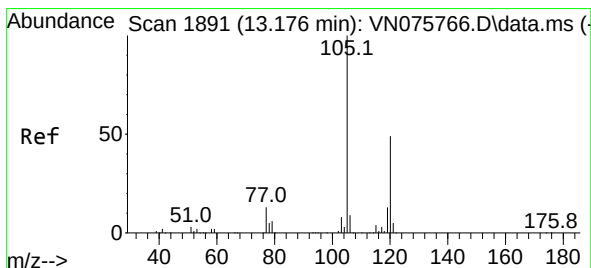
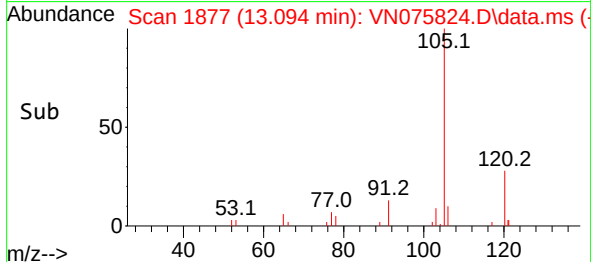
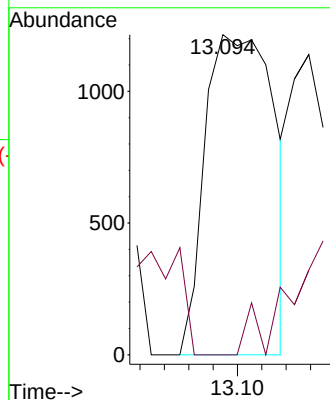
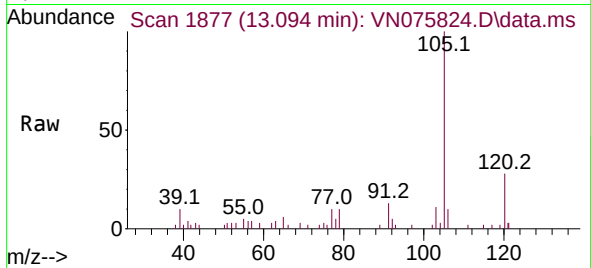




#79
2-Chlorotoluene
Concen: 0.210 ug/l
RT: 13.094 min Scan# 1883
Delta R.T. -0.035 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

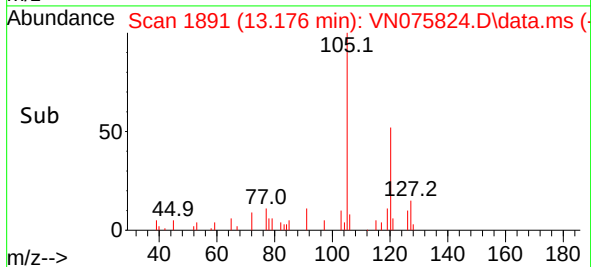
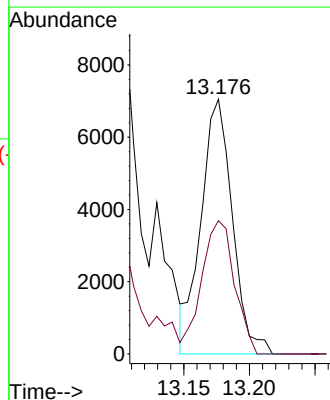
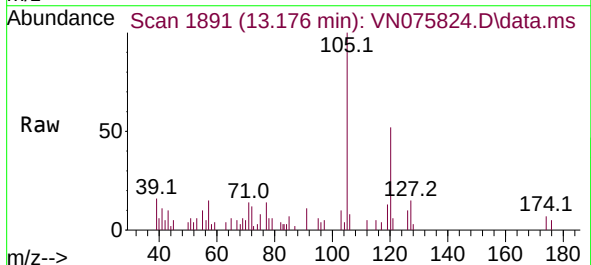
Instrument :
MSVOA_N
ClientSampleId :

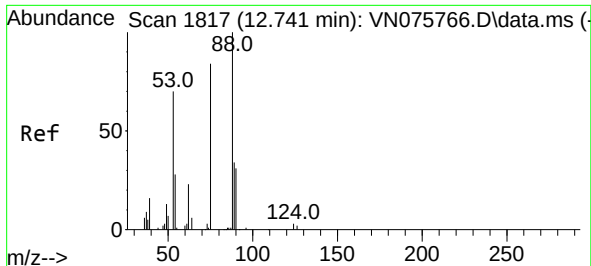
Tgt Ion: 91 Resp: 2388
Ion Ratio Lower Upper
91 100
126 26.2 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 0.851 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

Tgt Ion:105 Resp: 11751
Ion Ratio Lower Upper
105 100
120 54.8 24.7 74.1

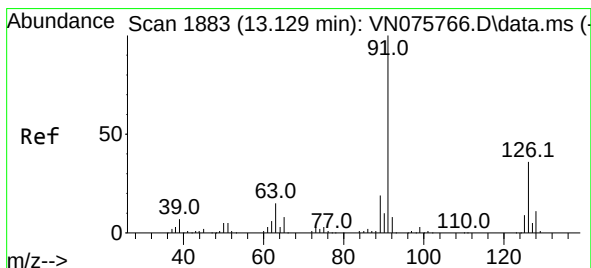
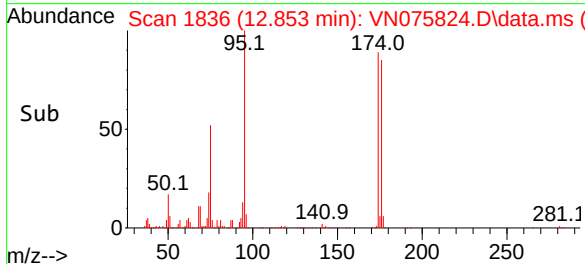
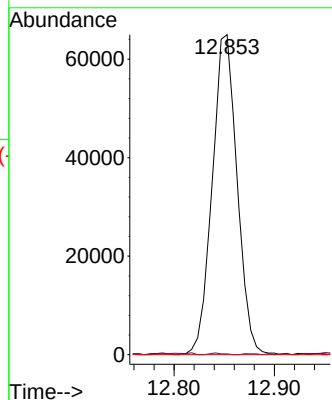
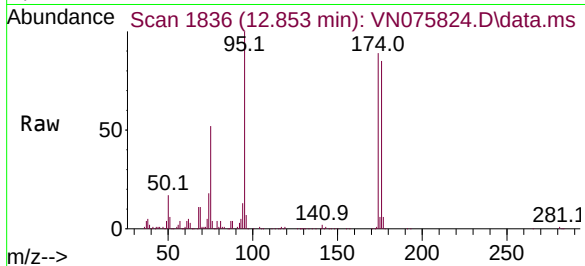




#81
trans-1,4-Dichloro-2-butene
Concen: 87.562 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

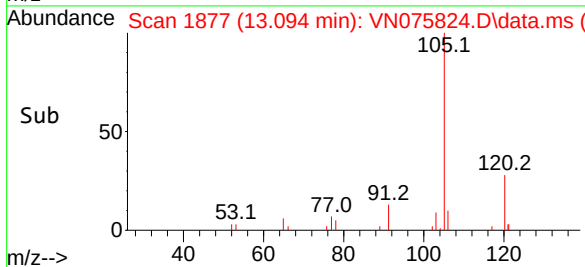
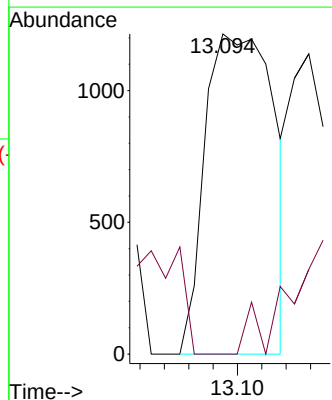
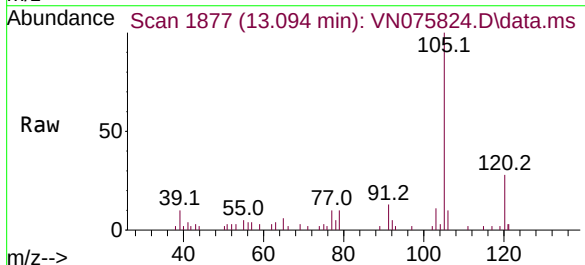
Instrument :
MSVOA_N
ClientSampleId :

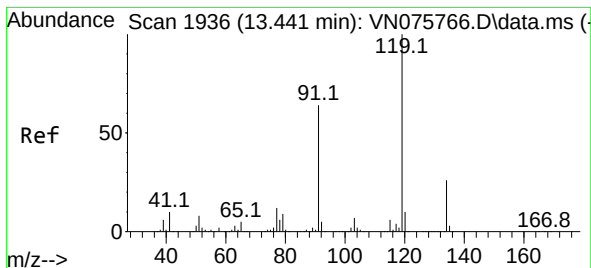
Tgt Ion: 75 Resp: 111893
Ion Ratio Lower Upper
75 100
53 0.3 73.8 110.6#
89 0.0 39.5 59.3#



#82
4-Chlorotoluene
Concen: 0.210 ug/l
RT: 13.094 min Scan# 1877
Delta R.T. -0.035 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

Tgt Ion: 91 Resp: 2388
Ion Ratio Lower Upper
91 100
126 26.2 17.5 52.5





#83

tert-Butylbenzene

Concen: 0.243 ug/l

RT: 13.670 min Scan# 1936

Delta R.T. 0.229 min

Lab File: VN075824.D

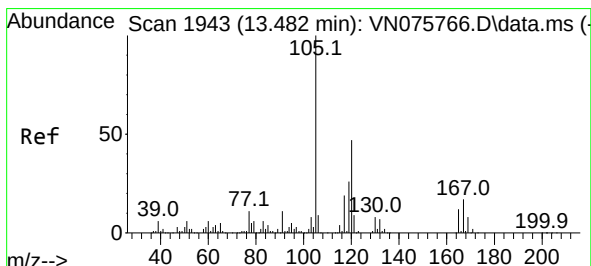
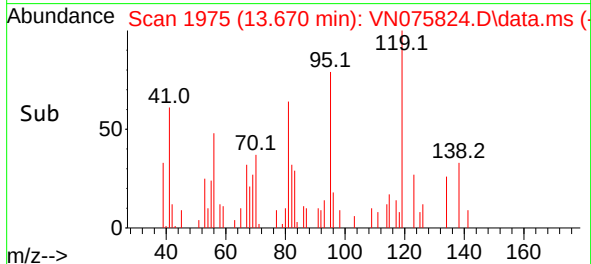
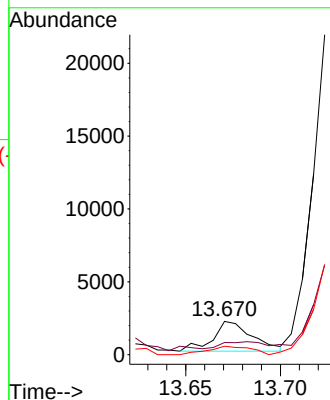
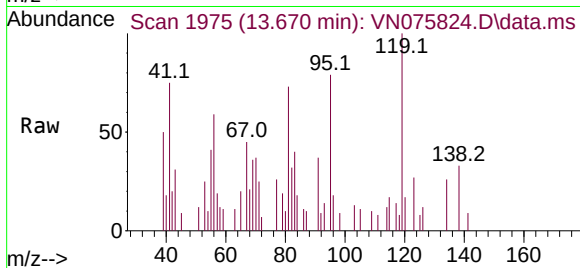
Acq: 15 Dec 2022 17:47

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:119	Resp:	2959
Ion Ratio	Lower	Upper
119	100	
91	41.5	31.9 95.5
134	31.1	13.8 41.4



#84

1,2,4-Trimethylbenzene

Concen: 2.464 ug/l

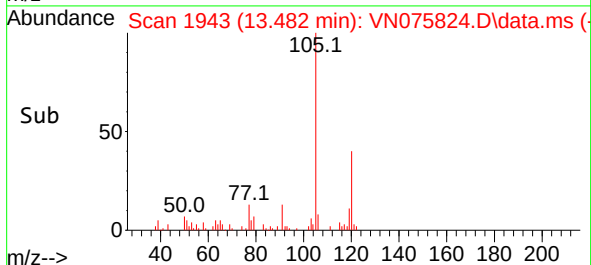
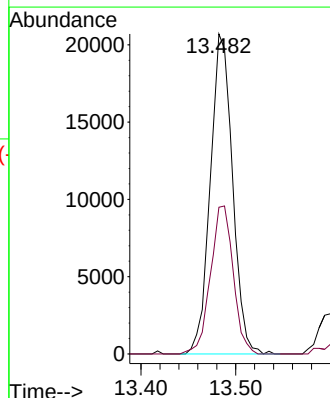
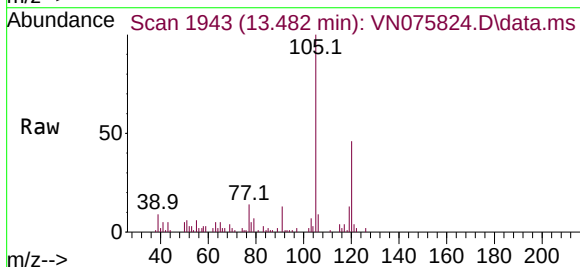
RT: 13.482 min Scan# 1943

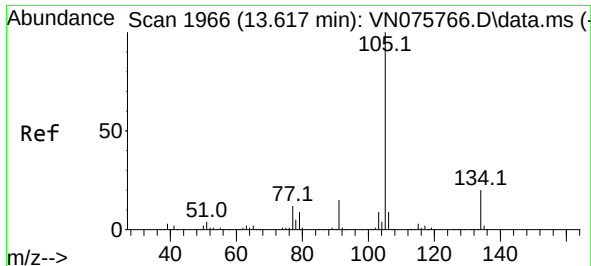
Delta R.T. 0.000 min

Lab File: VN075824.D

Acq: 15 Dec 2022 17:47

Tgt Ion:105	Resp:	33734
Ion Ratio	Lower	Upper
105	100	
120	47.4	23.3 69.8

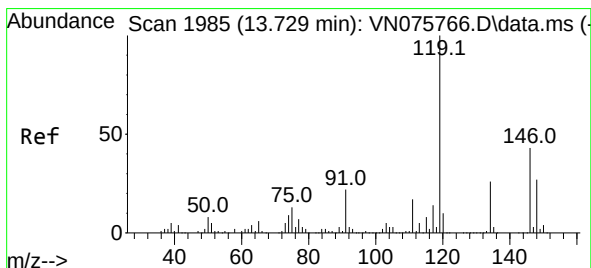
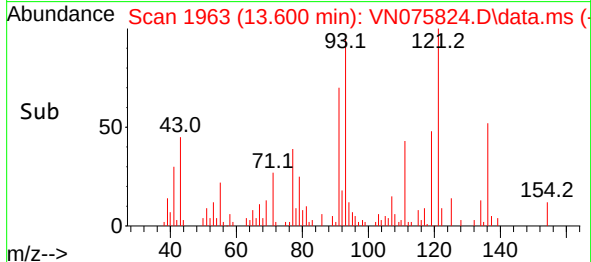
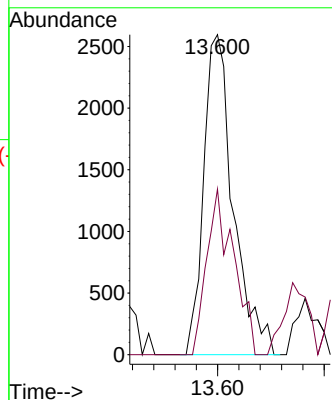
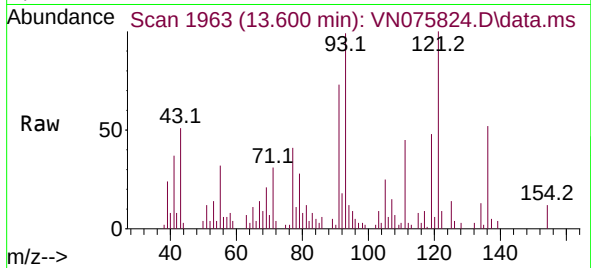




#85
 sec-Butylbenzene
 Concen: 0.298 ug/l
 RT: 13.600 min Scan# 1963
 Delta R.T. -0.018 min
 Lab File: VN075824.D
 Acq: 15 Dec 2022 17:47

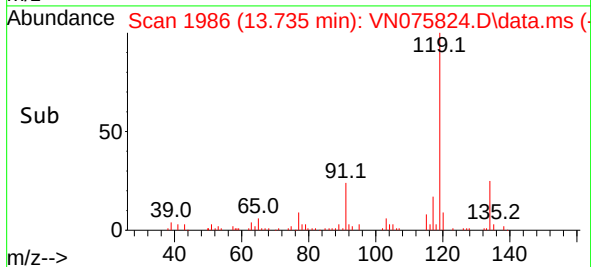
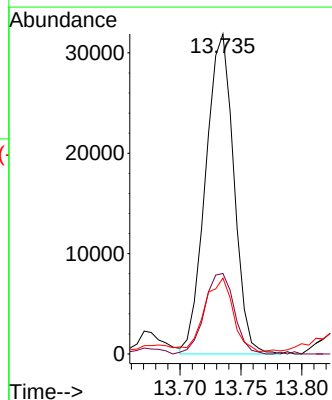
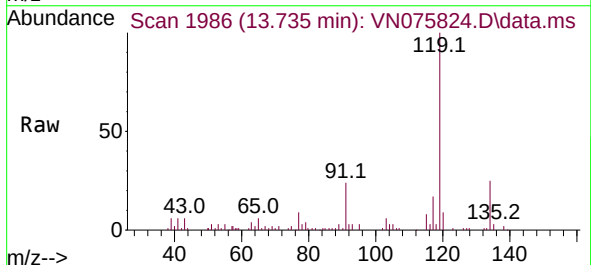
Instrument :
 MSVOA_N
 ClientSampleId :

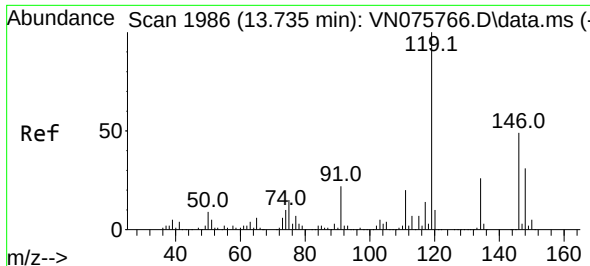
Tgt Ion:105 Resp: 5010
 Ion Ratio Lower Upper
 105 100
 134 47.2 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 3.681 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075824.D
 Acq: 15 Dec 2022 17:47

Tgt Ion:119 Resp: 51448
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 22.6 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 2.793 ug/l

RT: 13.818 min Scan# 2000

Delta R.T. 0.082 min

Lab File: VN075824.D

Acq: 15 Dec 2022 17:47

Instrument :

MSVOA_N

ClientSampleId :

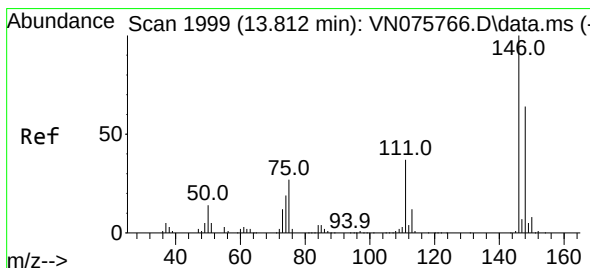
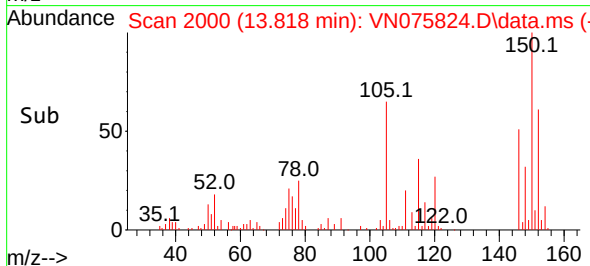
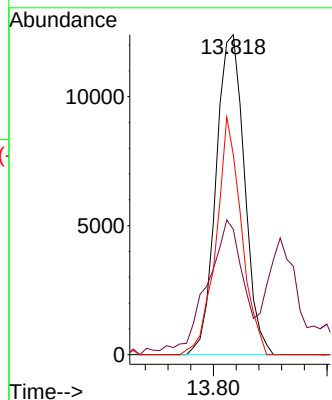
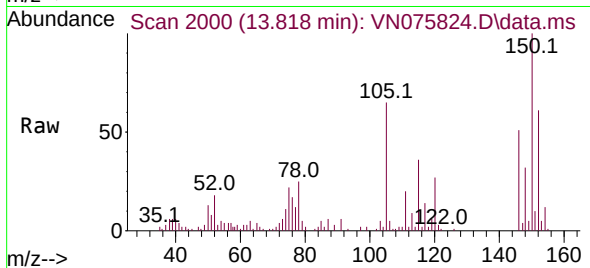
Tgt Ion:146 Resp: 21528

Ion Ratio Lower Upper

146 100

111 54.6 19.7 59.0

148 66.2 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 2.734 ug/l

RT: 13.818 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN075824.D

Acq: 15 Dec 2022 17:47

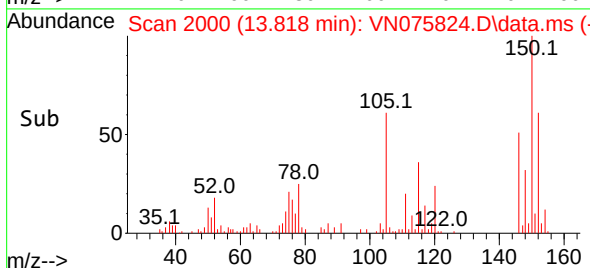
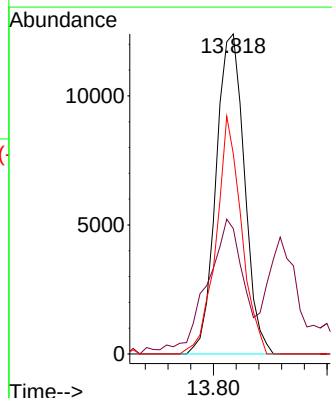
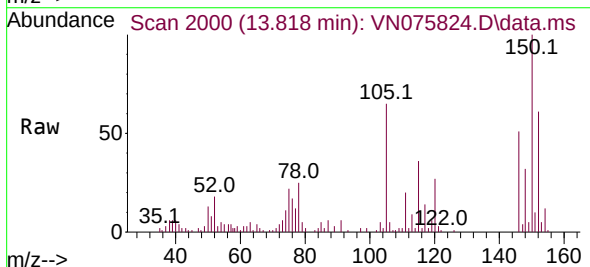
Tgt Ion:146 Resp: 21528

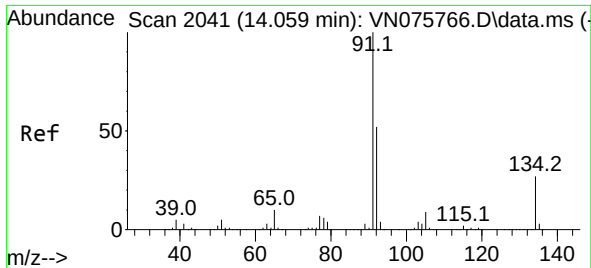
Ion Ratio Lower Upper

146 100

111 54.6 19.1 57.1

148 66.2 32.0 96.2

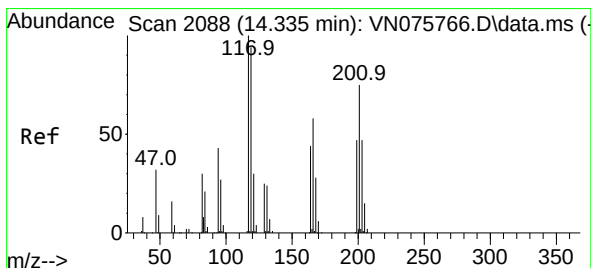
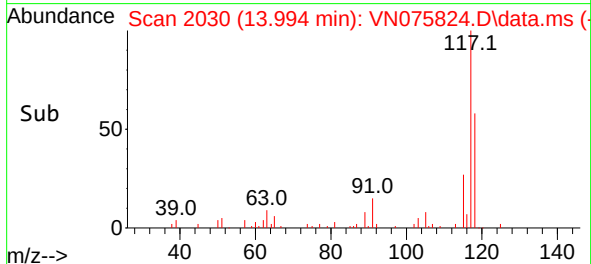
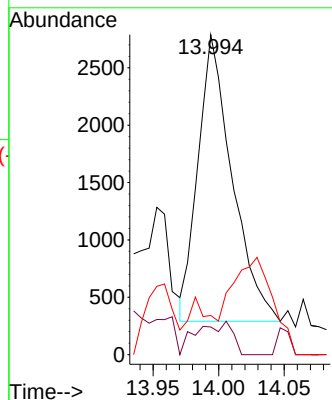
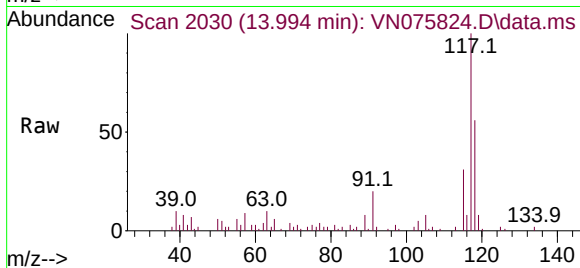




#89
n-Butylbenzene
Concen: 0.399 ug/l
RT: 13.994 min Scan# 2041
Delta R.T. -0.065 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

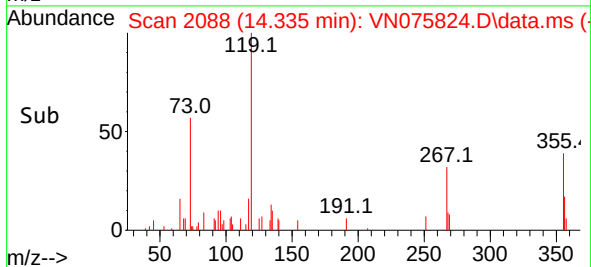
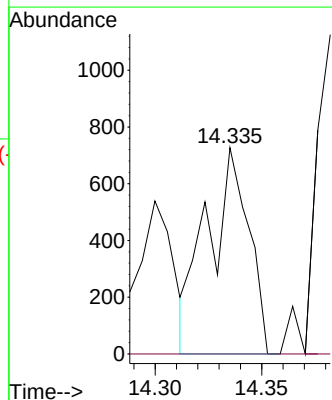
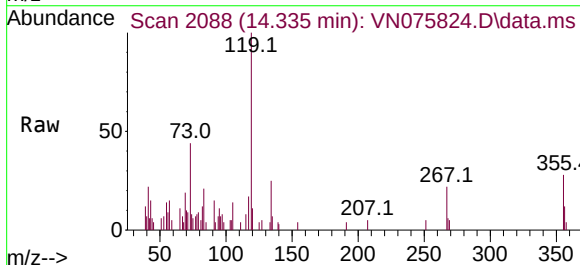
Instrument :
MSVOA_N
ClientSampleId :

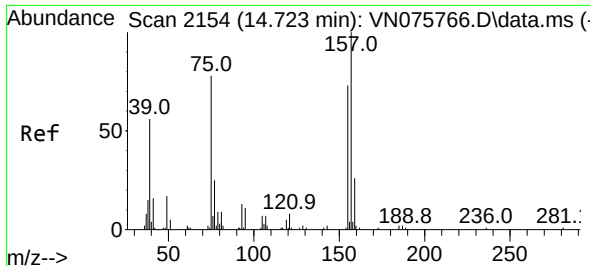
Tgt Ion: 91 Resp: 4515
Ion Ratio Lower Upper
91 100
92 11.9 26.4 79.2#
134 0.0 13.4 40.2#



#90
Hexachloroethane
Concen: 0.390 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075824.D
Acq: 15 Dec 2022 17:47

Tgt Ion: 117 Resp: 975
Ion Ratio Lower Upper
117 100
201 0.0 38.0 114.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.353 ug/l

RT: 14.729 min Scan# 2154

Delta R.T. 0.006 min

Lab File: VN075824.D

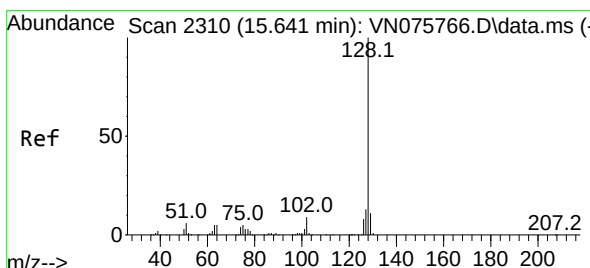
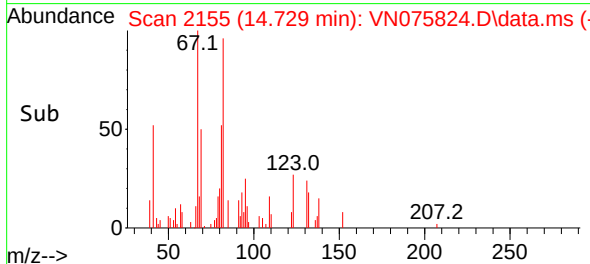
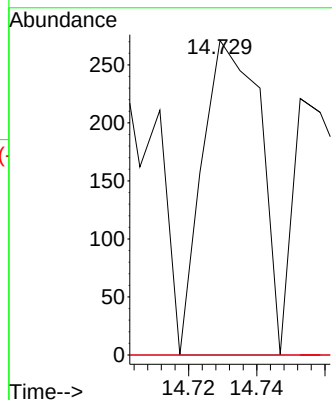
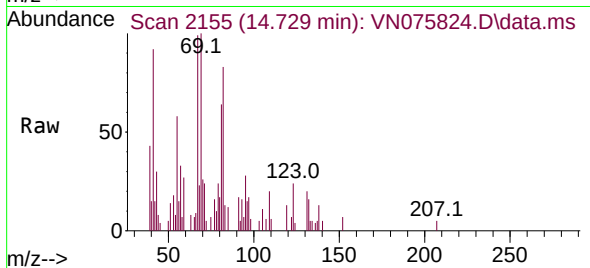
Acq: 15 Dec 2022 17:47

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 75	Resp: 319
Ion Ratio	Lower Upper
75	100
155	0.0 49.3 147.8#
157	0.0 63.7 191.3#



#95

Napthalene

Concen: 10.903 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075824.D

Acq: 15 Dec 2022 17:47

Tgt Ion: 128	Resp: 113298
Ion Ratio	Lower Upper
128	100
127	13.0 10.4 15.6
129	10.9 8.7 13.1

