

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075770.D
 Acq On : 14 Dec 2022 15:15
 Operator : JC\MD
 Sample : VN1214MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBL01

Quant Time: Dec 15 00:27:13 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	328601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	508292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	428037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	168671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	166437	46.557	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.120%		
35) Dibromofluoromethane	8.177	113	151794	48.223	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.440%		
50) Toluene-d8	10.571	98	583708	49.596	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.200%		
62) 4-Bromofluorobenzene	12.853	95	173123	44.412	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.820%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	1346	0.458	ug/l #	75
13) Acrolein	4.195	56	279	0.450	ug/l #	67
15) Acrylonitrile	5.736	53	1011	0.732	ug/l #	83
17) Carbon Disulfide	4.730	76	2677	0.380	ug/l #	76
18) Methyl Acetate	5.053	43	901	0.247	ug/l #	45
20) Methylene Chloride	5.289	84	2008	Below Cal		90
25) 2-Butanone	7.506	43	792	0.459	ug/l #	40
31) Cyclohexane	8.236	56	5970	1.166	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	23163	5.539	ug/l #	49
38) Carbon Tetrachloride	8.230	117	33002	7.052	ug/l #	16
49) 1,4-Dioxane	9.706	88	62	1.011	ug/l #	30
51) 4-Methyl-2-Pentanone	10.441	43	1236	0.369	ug/l	100
59) 2-Hexanone	11.194	43	2738	1.120	ug/l	86
68) m/p-Xylenes	12.076	106	1484	0.253	ug/l	98
71) Bromoform	12.847	173	986	0.416	ug/l #	1
74) N-amyl acetate	12.500	43	1544	0.432	ug/l #	76
76) 1,2,3-Trichloropropane	12.853	75	86930	25.568	ug/l #	1
77) Bromobenzene	12.988	156	797	0.258	ug/l	77
78) n-propylbenzene	13.029	91	3504	0.261	ug/l	96
79) 2-Chlorotoluene	13.135	91	1767	0.211	ug/l	78
81) trans-1,4-Dichloro-2-b...	12.853	75	86930	92.031	ug/l #	12
82) 4-Chlorotoluene	13.135	91	1767	0.211	ug/l	78
84) 1,2,4-Trimethylbenzene	13.488	105	2223	0.220	ug/l	94
85) sec-Butylbenzene	13.618	105	2634	0.212	ug/l	92
86) p-Isopropyltoluene	13.729	119	2394	0.232	ug/l	86
87) 1,3-Dichlorobenzene	13.729	146	2866	0.503	ug/l	91
88) 1,4-Dichlorobenzene	13.729	146	2866	0.492	ug/l	91
89) n-Butylbenzene	14.059	91	4407	0.527	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	3009	0.536	ug/l	87
92) 1,2-Dibromo-3-Chloropr...	14.717	75	246	0.368	ug/l #	32
93) 1,2,4-Trichlorobenzene	15.394	180	4032	1.451	ug/l	90
94) Hexachlorobutadiene	15.506	225	415	0.274	ug/l #	60
95) Naphthalene	15.647	128	21187	4.385	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	5180	1.995	ug/l	96

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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBL01

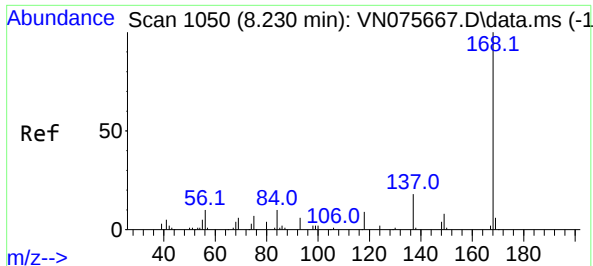
Quant Time: Dec 15 00:27:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

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

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

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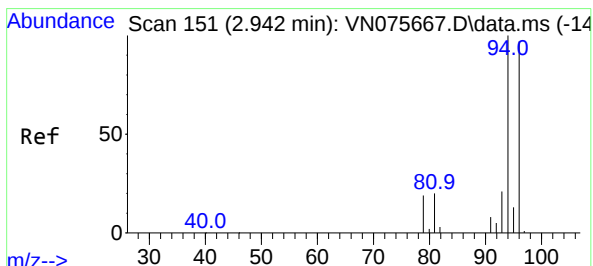
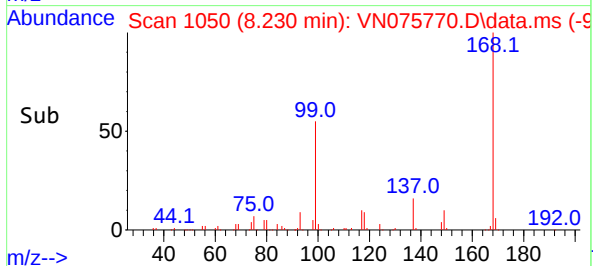
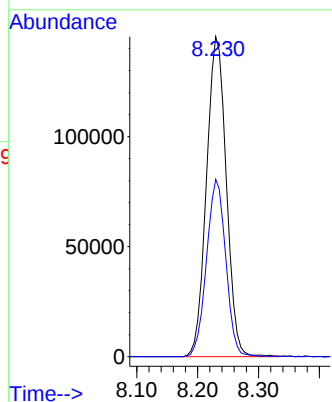
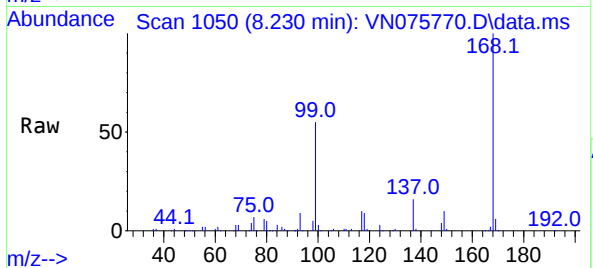




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

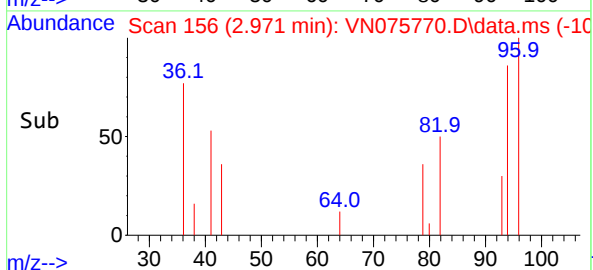
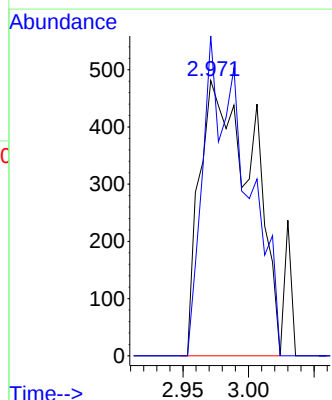
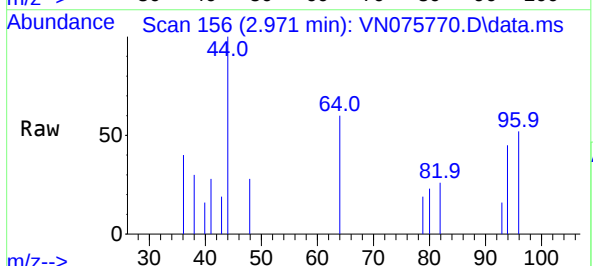
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBL01

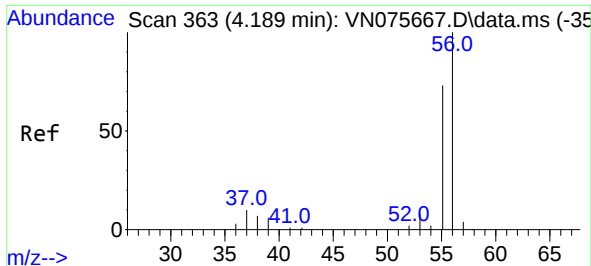
Tgt Ion:168 Resp: 328601
Ion Ratio Lower Upper
168 100
99 55.4 44.2 66.4



#5
Bromomethane
Concen: 0.458 ug/l
RT: 2.971 min Scan# 156
Delta R.T. 0.029 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

Tgt Ion: 94 Resp: 1346
Ion Ratio Lower Upper
94 100
96 116.2 73.8 110.6#





#13

Acrolein

Concen: 0.450 ug/l

RT: 4.195 min Scan# 3

Delta R.T. 0.006 min

Lab File: VN075770.D

Acq: 14 Dec 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

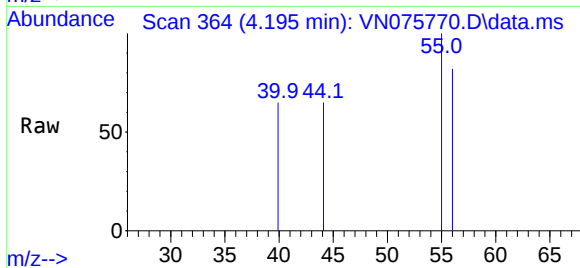
VN1214MBL01

Tgt Ion: 56 Resp: 279

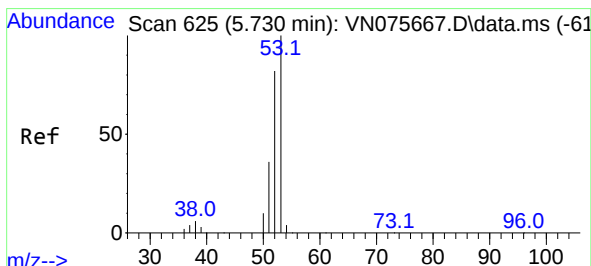
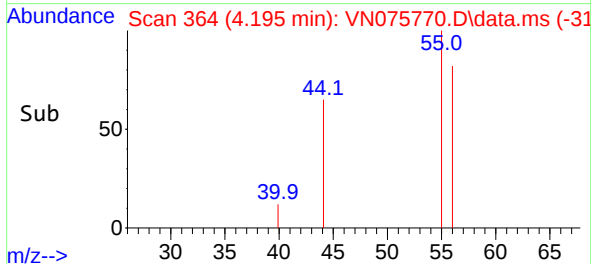
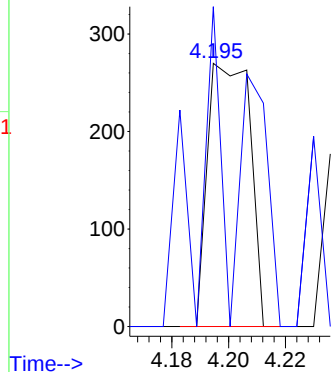
Ion Ratio Lower Upper

56 100

55 41.6 54.8 82.2#



Abundance



#15

Acrylonitrile

Concen: 0.732 ug/l

RT: 5.736 min Scan# 626

Delta R.T. 0.012 min

Lab File: VN075770.D

Acq: 14 Dec 2022 15:15

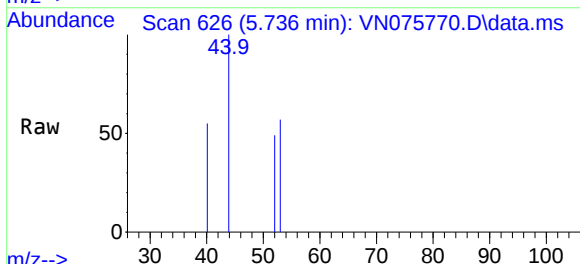
Tgt Ion: 53 Resp: 1011

Ion Ratio Lower Upper

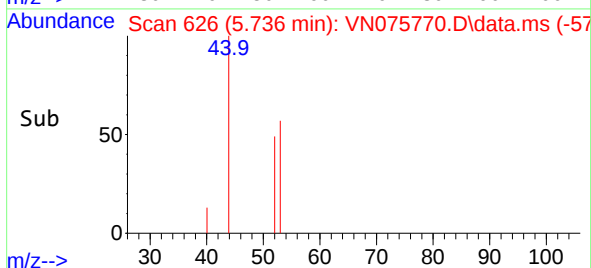
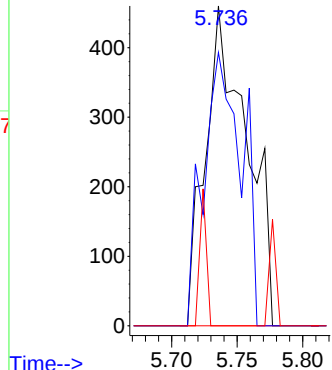
53 100

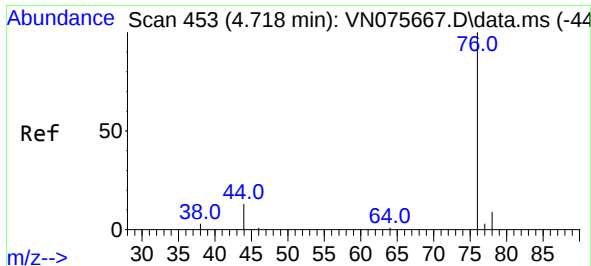
52 78.7 65.4 98.0

51 6.9 28.9 43.3#



Abundance

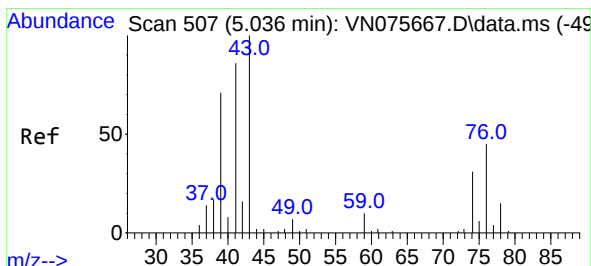
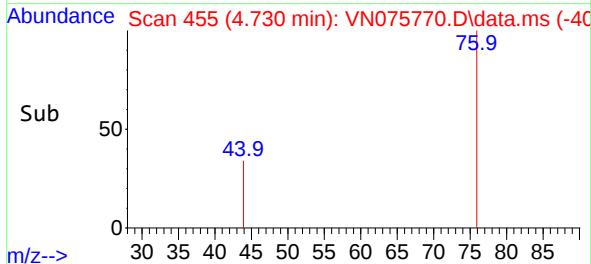
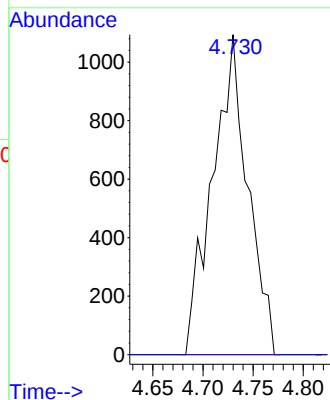
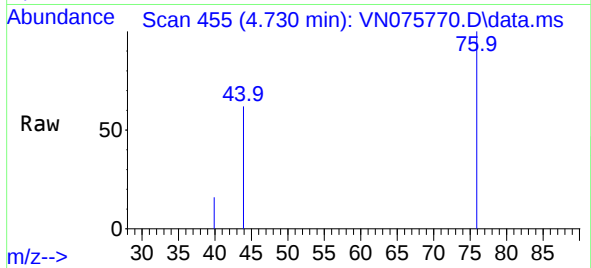




#17
Carbon Disulfide
Concen: 0.380 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

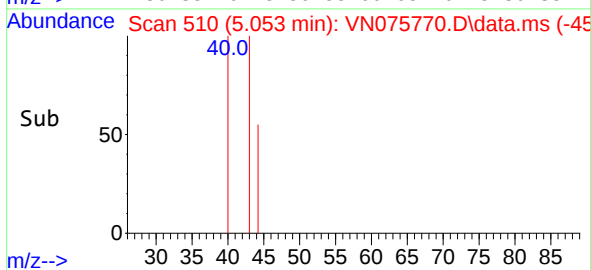
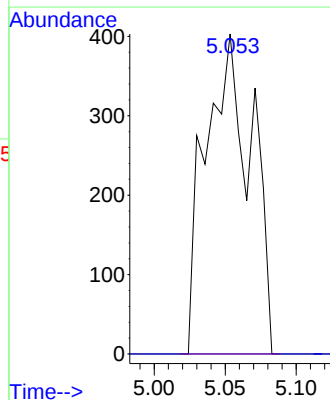
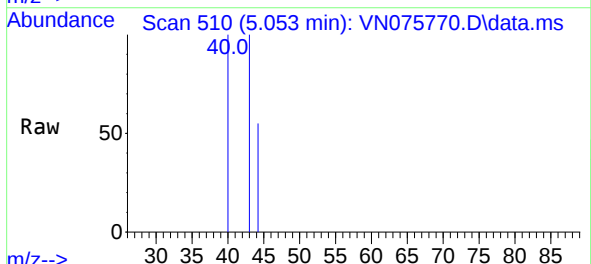
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBL01

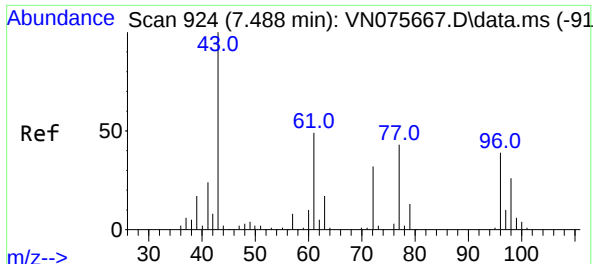
Tgt Ion: 76 Resp: 2677
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#18
Methyl Acetate
Concen: 0.247 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.018 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

Tgt Ion: 43 Resp: 901
Ion Ratio Lower Upper
43 100
74 0.0 23.6 35.4#





#25

2-Butanone

Concen: 0.459 ug/l

RT: 7.506 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN075770.D

Acq: 14 Dec 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

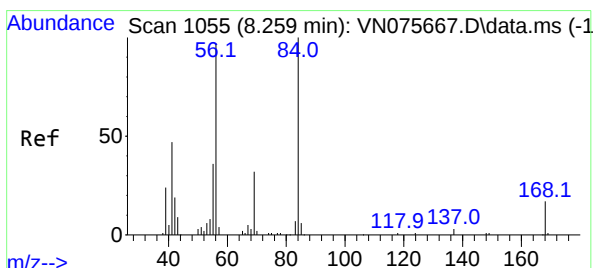
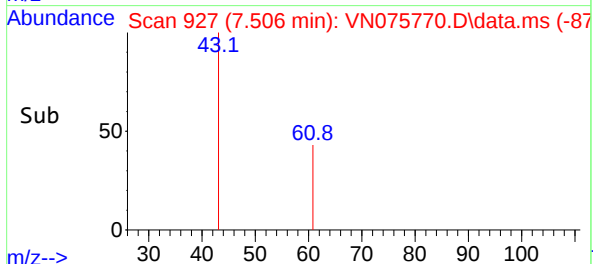
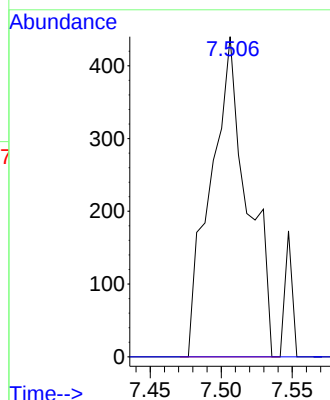
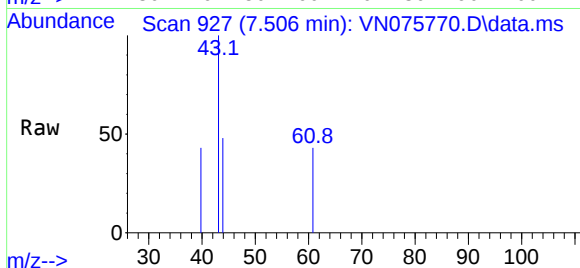
VN1214MBL01

Tgt Ion: 43 Resp: 792

Ion Ratio Lower Upper

43 100

72 0.0 28.0 42.0#



#31

Cyclohexane

Concen: 1.166 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.029 min

Lab File: VN075770.D

Acq: 14 Dec 2022 15:15

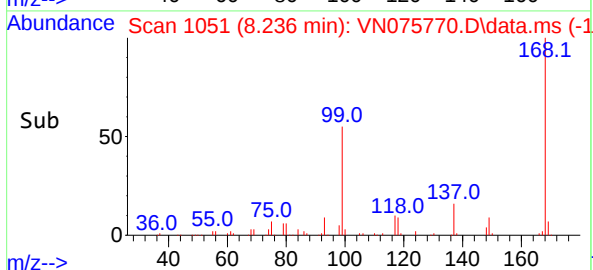
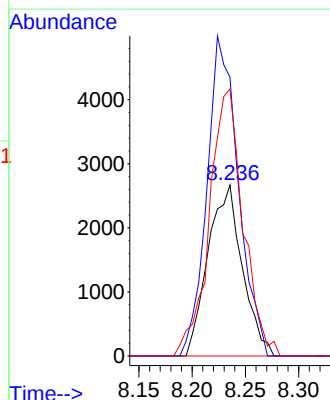
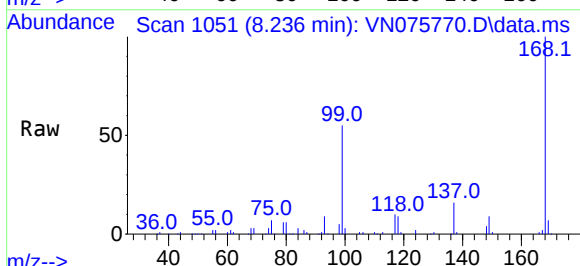
Tgt Ion: 56 Resp: 5970

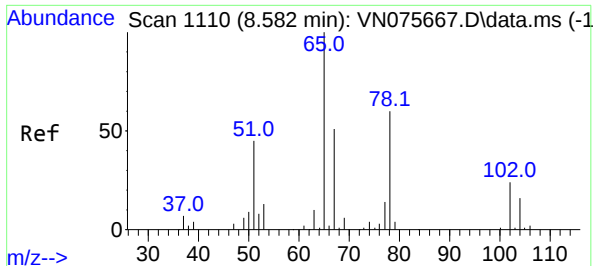
Ion Ratio Lower Upper

56 100

69 163.1 24.7 37.1#

84 156.1 76.5 114.7#





#33

1,2-Dichloroethane-d4

Concen: 46.557 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075770.D

Acq: 14 Dec 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

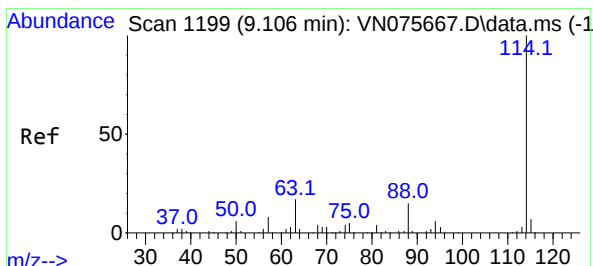
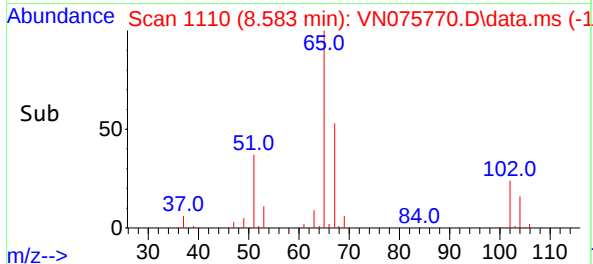
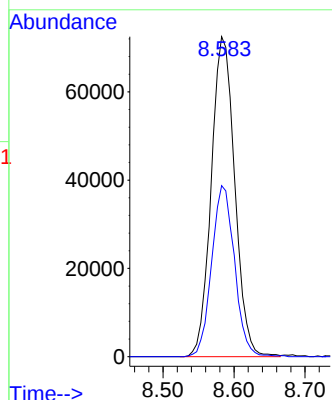
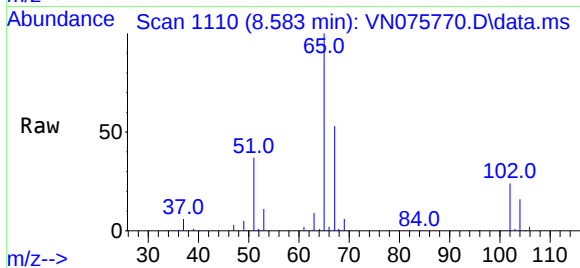
VN1214MBL01

Tgt Ion: 65 Resp: 166437

Ion Ratio Lower Upper

65 100

67 52.0 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: VN075770.D

Acq: 14 Dec 2022 15:15

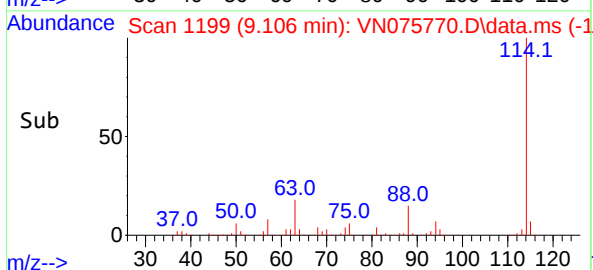
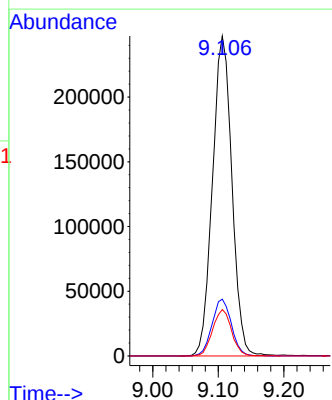
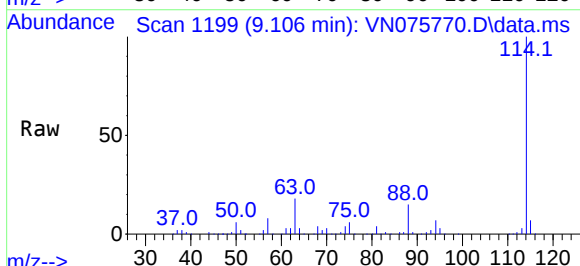
Tgt Ion: 114 Resp: 508292

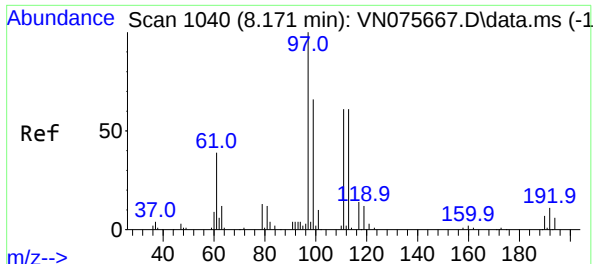
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 14.5 0.0 28.8

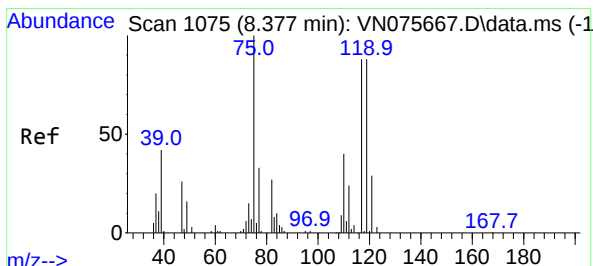
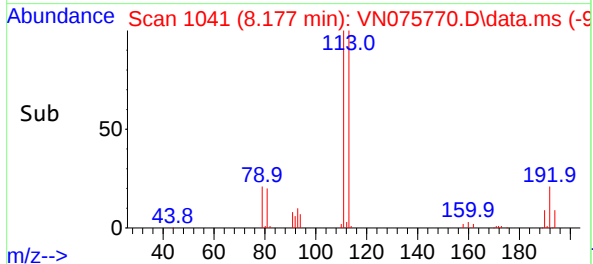
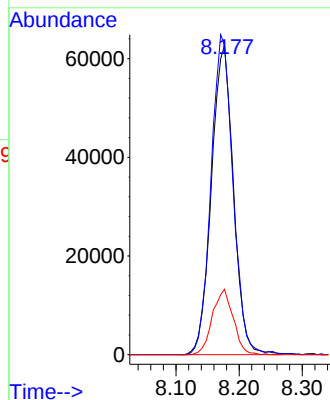
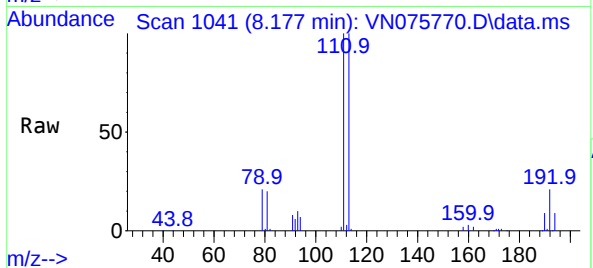




#35
Dibromofluoromethane
Concen: 48.223 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

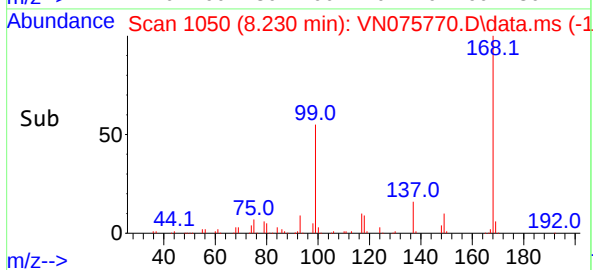
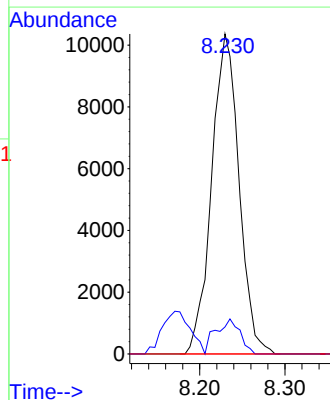
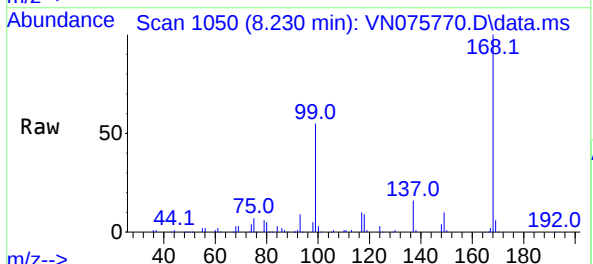
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBL01

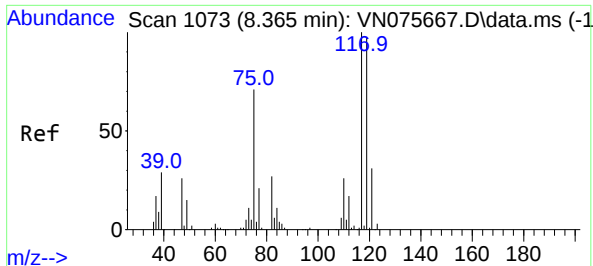
Tgt Ion:113 Resp: 151794
Ion Ratio Lower Upper
113 100
111 102.4 83.4 125.2
192 20.0 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.539 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

Tgt Ion: 75 Resp: 23163
Ion Ratio Lower Upper
75 100
110 9.7 18.8 56.4#
77 0.0 24.1 36.1#

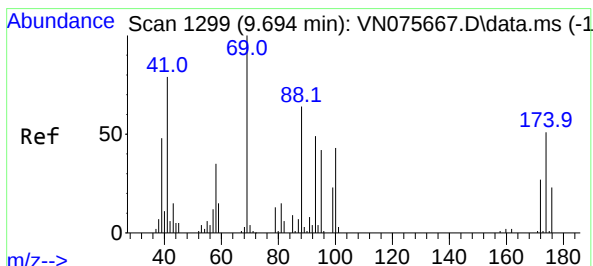
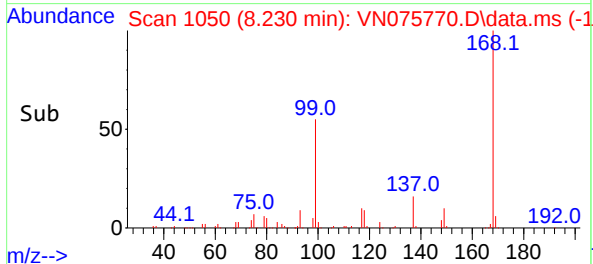
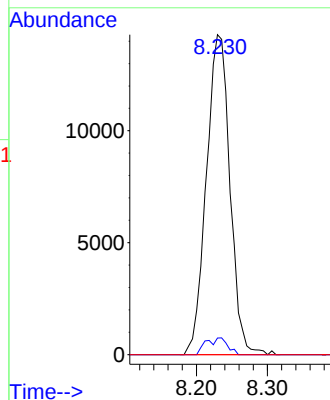
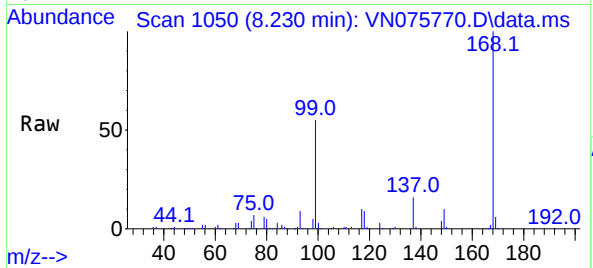




#38
Carbon Tetrachloride
Concen: 7.052 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

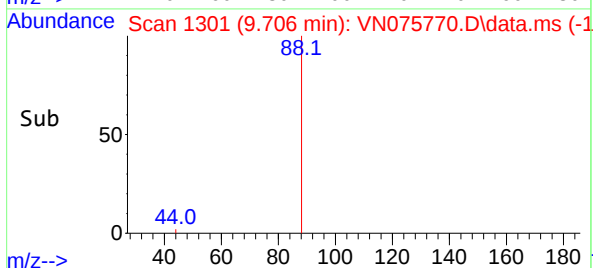
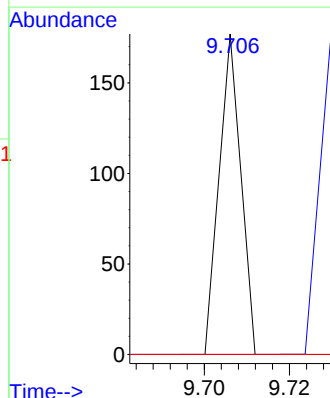
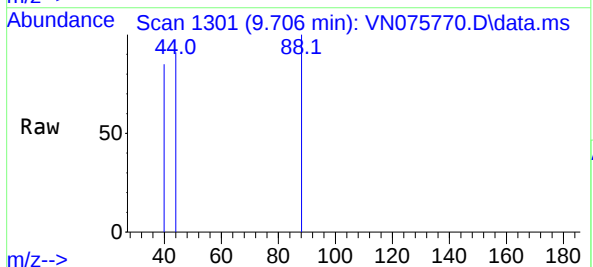
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBL01

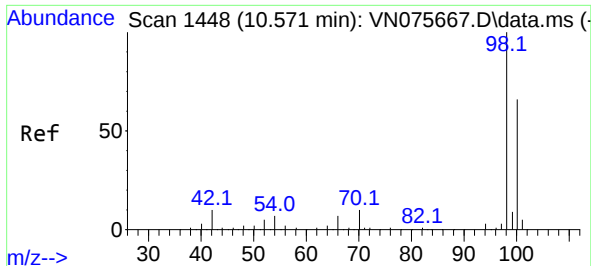
Tgt Ion:117 Resp: 33002
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.5 36.7#



#49
1,4-Dioxane
Concen: 1.011 ug/l
RT: 9.706 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 0.0 17.1 25.7#
58 0.0 47.8 71.8#

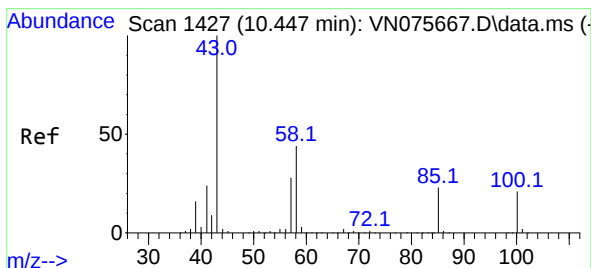
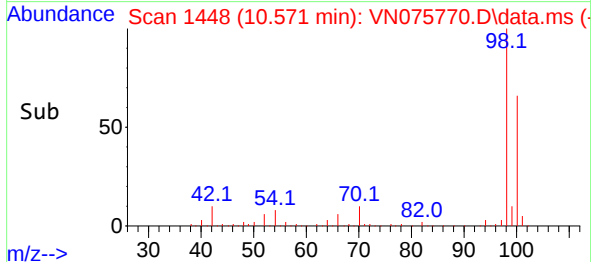
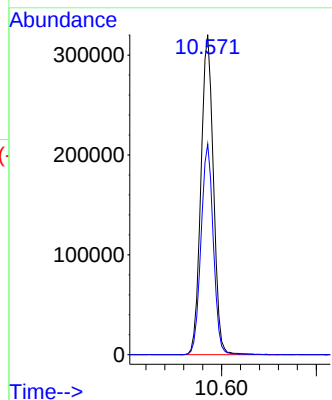
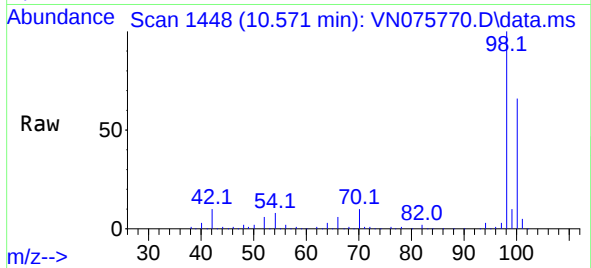




#50
Toluene-d8
Concen: 49.596 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

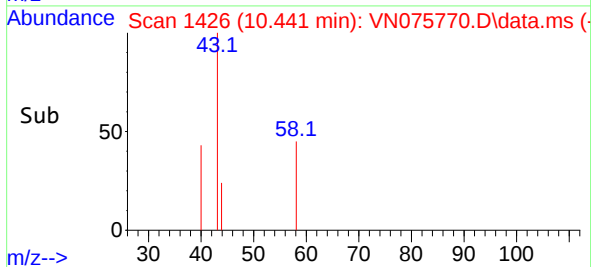
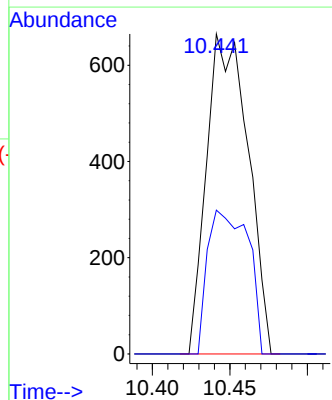
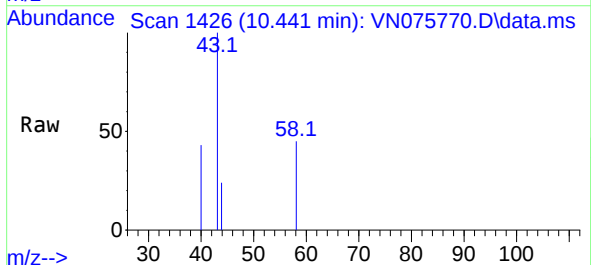
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBL01

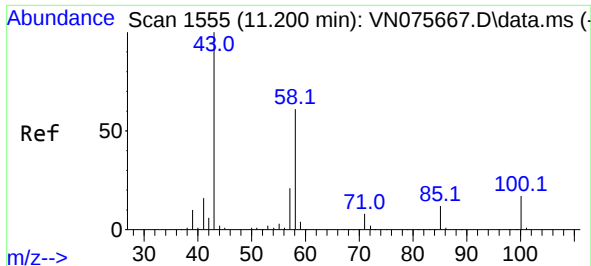
Tgt Ion: 98 Resp: 583708
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.369 ug/l
RT: 10.441 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

Tgt Ion: 43 Resp: 1236
Ion Ratio Lower Upper
43 100
58 44.1 35.5 53.3

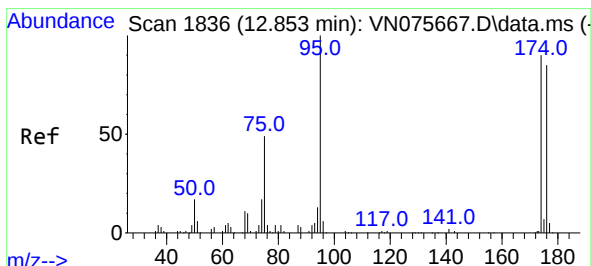
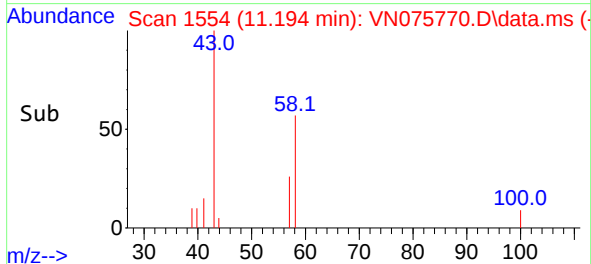
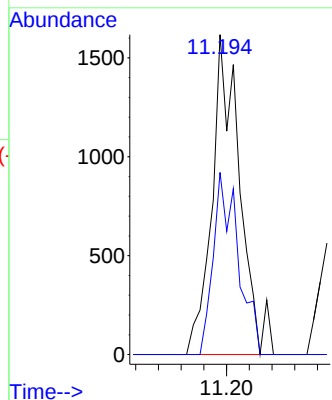
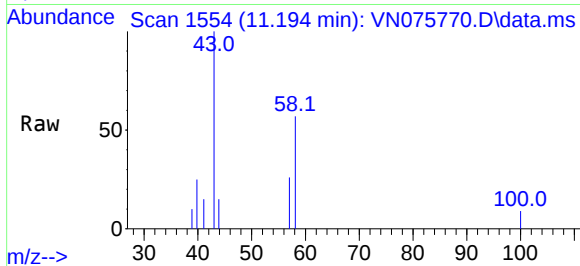




#59
2-Hexanone
Concen: 1.120 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

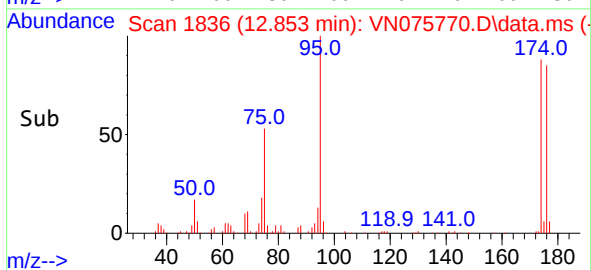
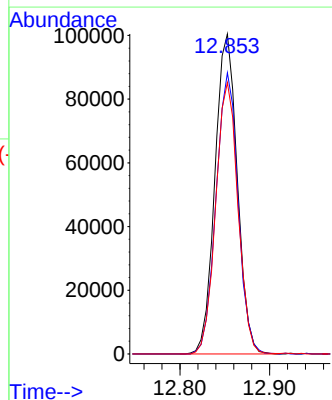
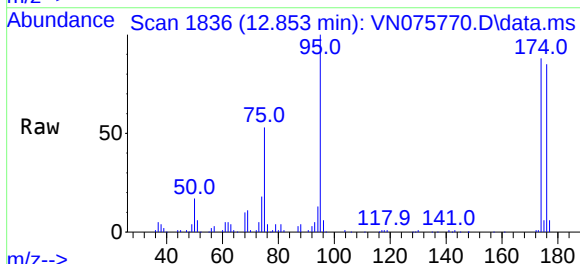
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBL01

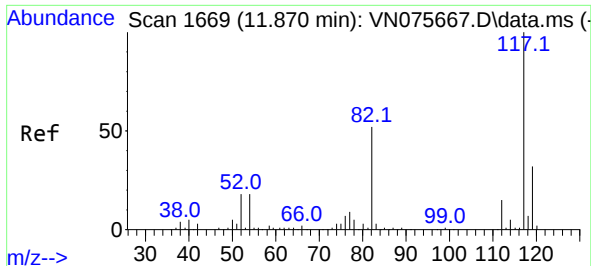
Tgt Ion: 43 Resp: 2738
Ion Ratio Lower Upper
43 100
58 50.9 30.6 92.0



#62
4-Bromofluorobenzene
Concen: 44.412 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

Tgt Ion: 95 Resp: 173123
Ion Ratio Lower Upper
95 100
174 86.6 0.0 171.6
176 84.4 0.0 169.2

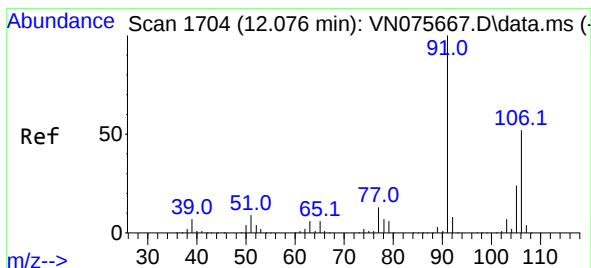
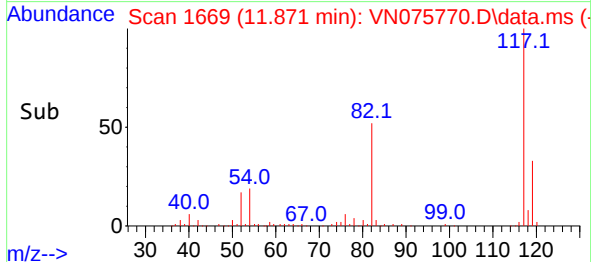
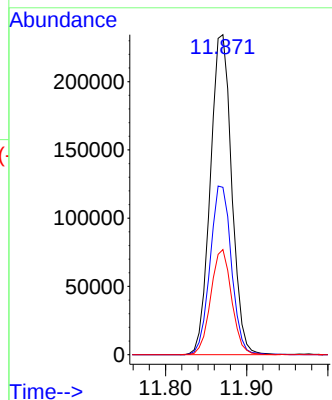
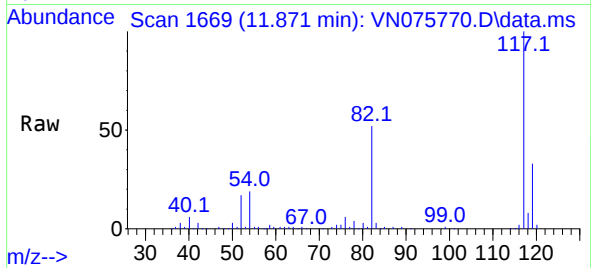




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

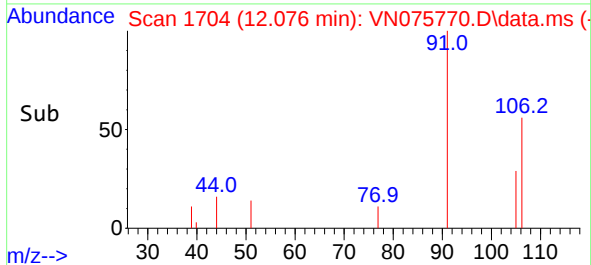
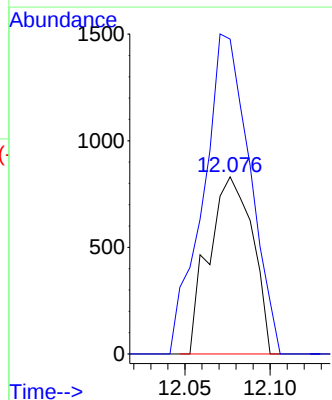
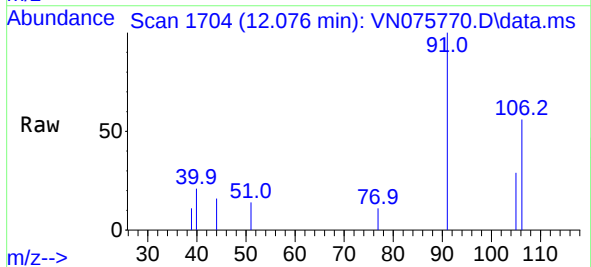
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBL01

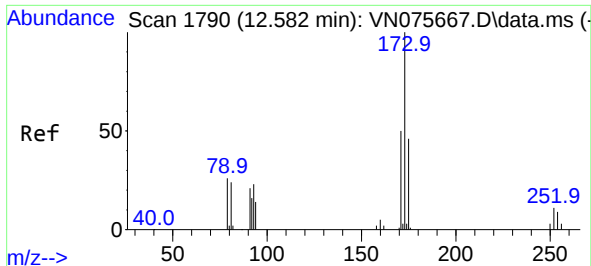
Tgt Ion:117 Resp: 428037
Ion Ratio Lower Upper
117 100
82 52.3 41.3 61.9
119 32.9 24.6 37.0



#68
m/p-Xylenes
Concen: 0.253 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

Tgt Ion:106 Resp: 1484
Ion Ratio Lower Upper
106 100
91 192.4 156.6 235.0

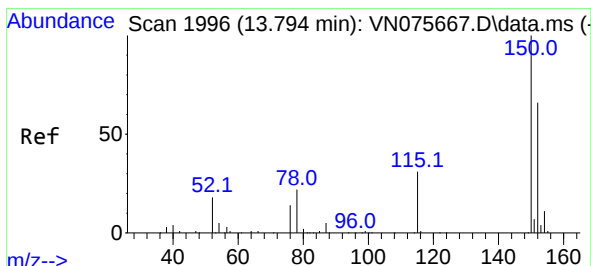
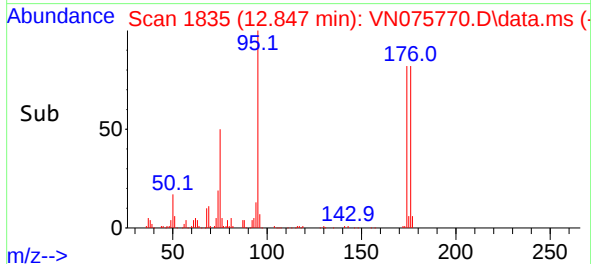
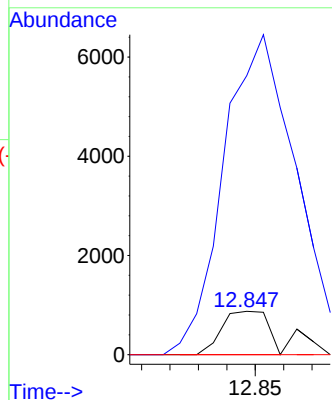
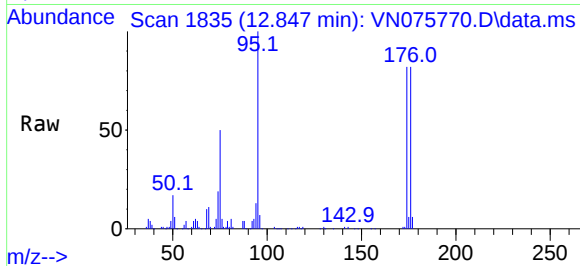




#71
Bromoform
Concen: 0.416 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

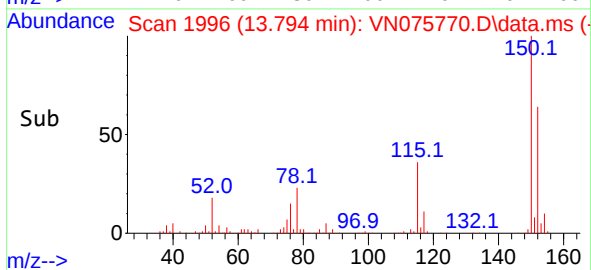
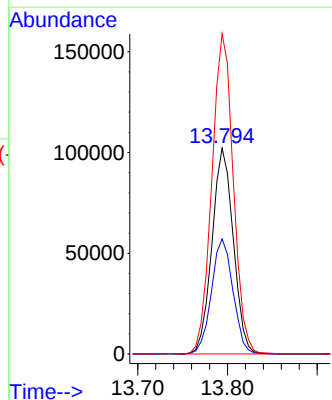
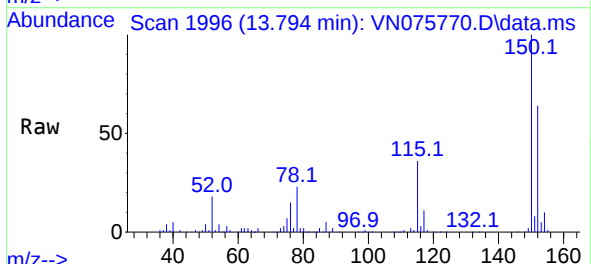
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBL01

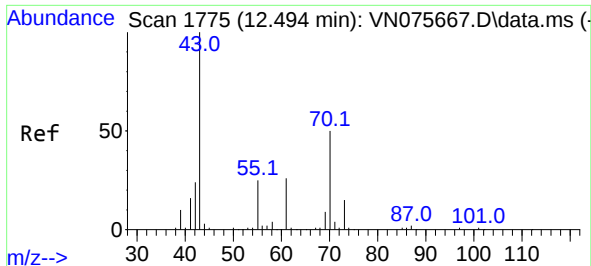
Tgt Ion:173 Resp: 986
Ion Ratio Lower Upper
173 100
175 908.3 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

Tgt Ion:152 Resp: 168671
Ion Ratio Lower Upper
152 100
115 56.4 29.1 87.4
150 156.3 0.0 347.0

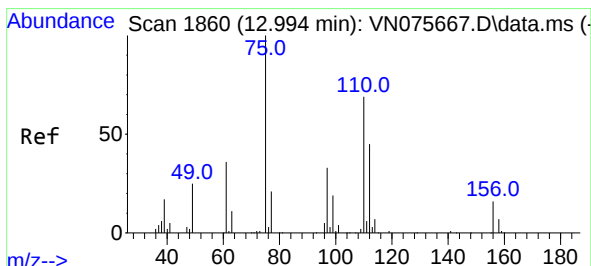
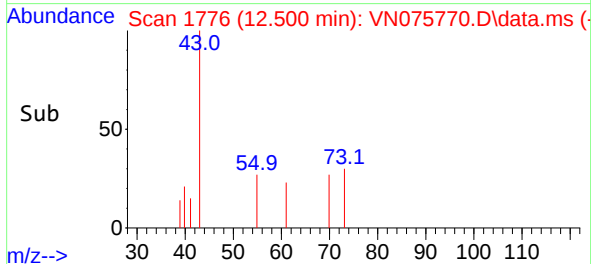
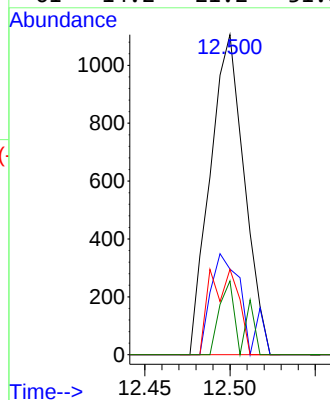
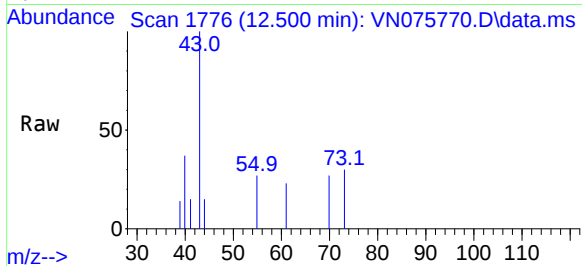




#74
N-amy1 acetate
Concen: 0.432 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

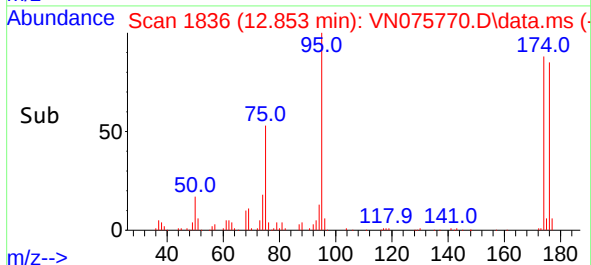
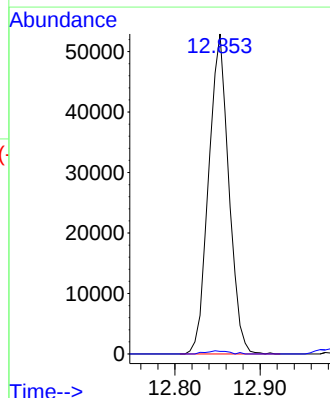
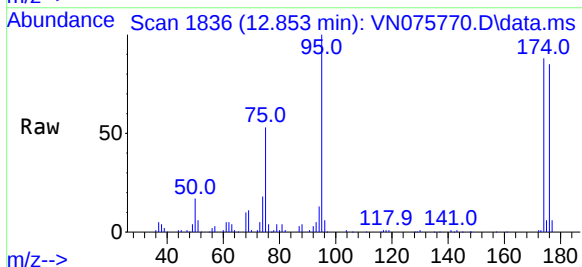
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBL01

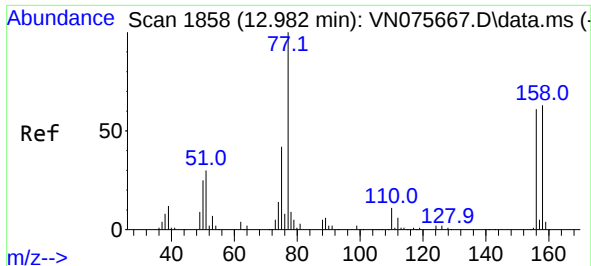
Tgt Ion: 43	Resp:	1544
Ion	Ratio	Lower Upper
43	100	
70	29.4	41.4 62.0#
55	22.1	21.3 31.9
61	14.2	21.2 31.8#



#76
1,2,3-Trichloropropane
Concen: 25.568 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

Tgt Ion: 75	Resp:	86930
Ion	Ratio	Lower Upper
75	100	
77	1.1	82.6 247.8#

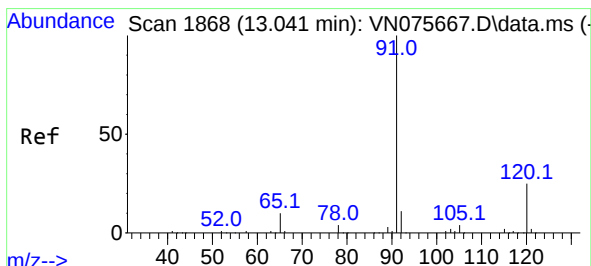
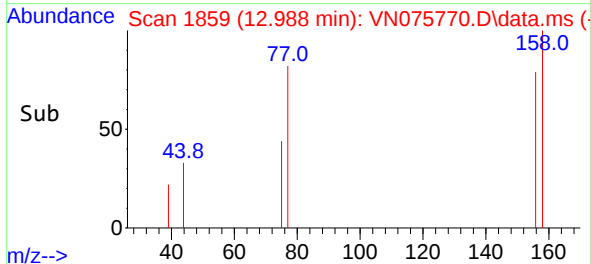
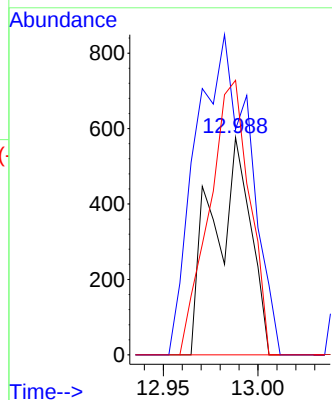
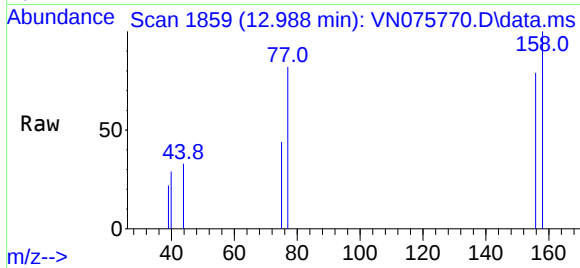




#77
Bromobenzene
Concen: 0.258 ug/l
RT: 12.988 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

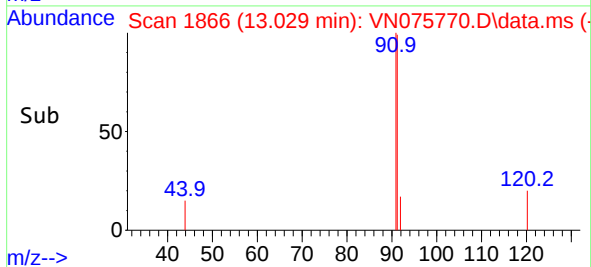
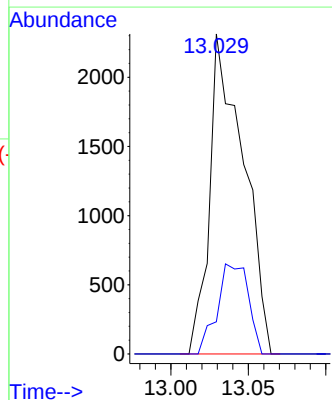
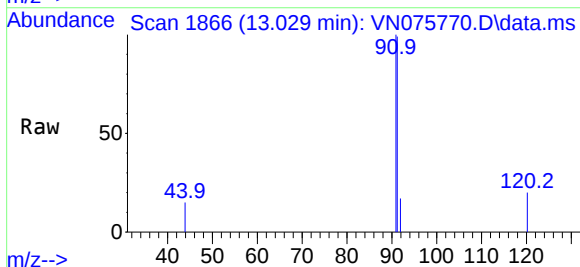
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBL01

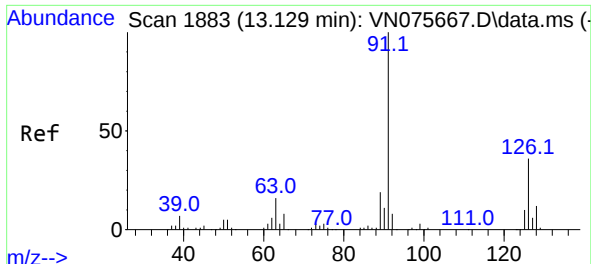
Tgt Ion:156 Resp: 797
Ion Ratio Lower Upper
156 100
77 209.4 93.8 281.3
158 135.3 48.9 146.6



#78
n-propylbenzene
Concen: 0.261 ug/l
RT: 13.029 min Scan# 1866
Delta R.T. -0.012 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

Tgt Ion: 91 Resp: 3504
Ion Ratio Lower Upper
91 100
120 25.9 12.0 36.1





#79

2-Chlorotoluene

Concen: 0.211 ug/l

RT: 13.135 min Scan# 1883

Delta R.T. 0.006 min

Lab File: VN075770.D

Acq: 14 Dec 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

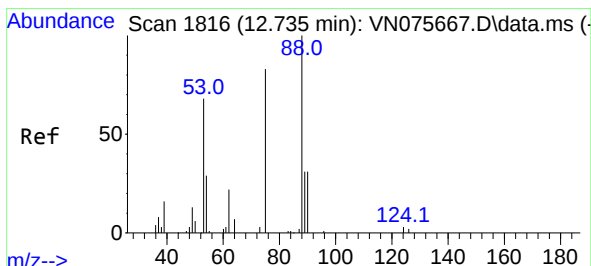
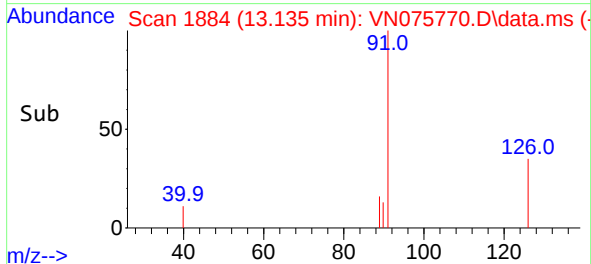
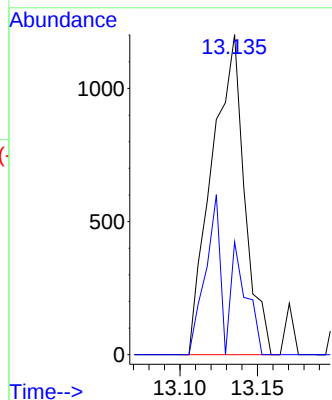
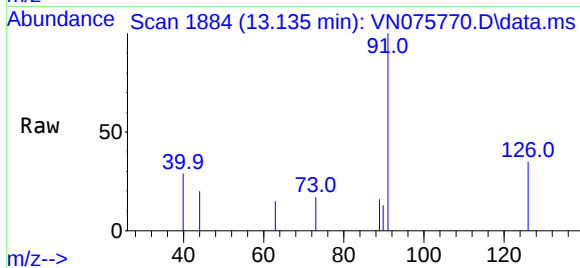
VN1214MBL01

Tgt Ion: 91 Resp: 1767

Ion Ratio Lower Upper

91 100

126 22.4 17.5 52.5



#81

trans-1,4-Dichloro-2-butene

Concen: 92.031 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN075770.D

Acq: 14 Dec 2022 15:15

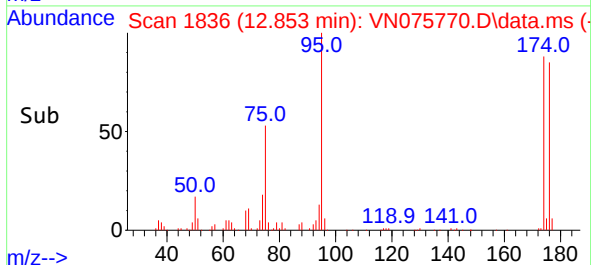
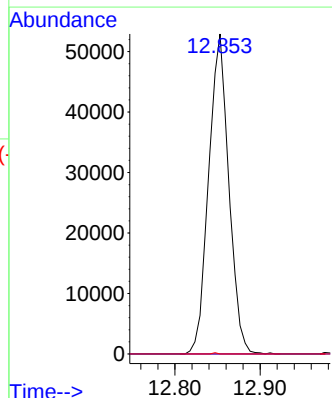
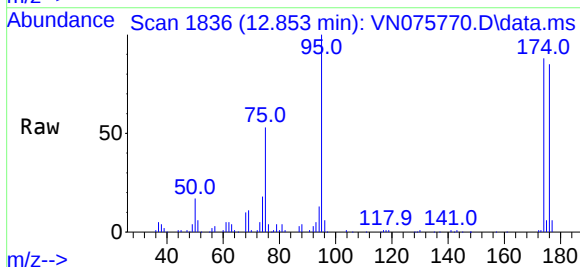
Tgt Ion: 75 Resp: 86930

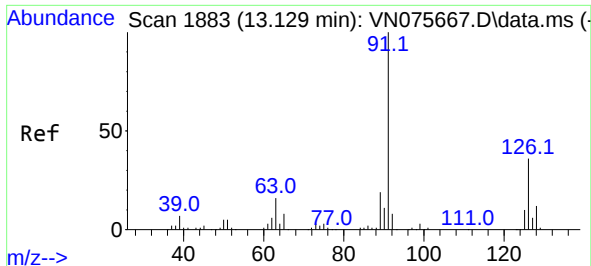
Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

89 0.1 39.5 59.3#





#82

4-Chlorotoluene

Concen: 0.211 ug/l

RT: 13.135 min Scan# 1883

Delta R.T. 0.006 min

Lab File: VN075770.D

Acq: 14 Dec 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

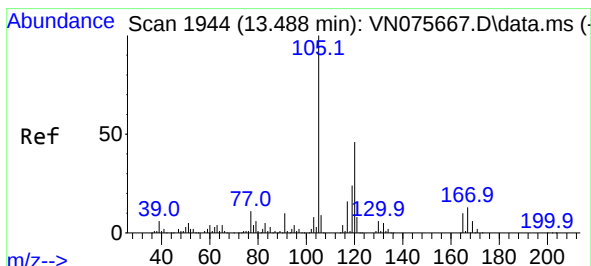
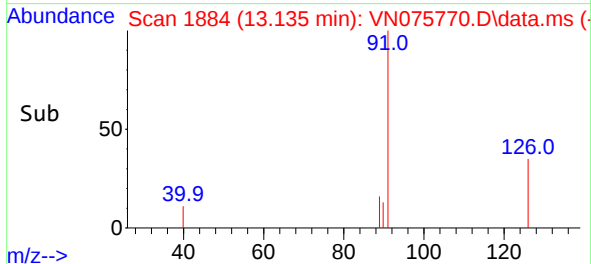
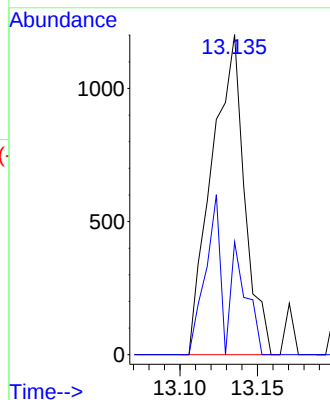
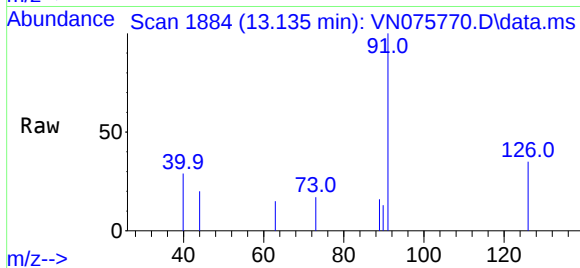
VN1214MBL01

Tgt Ion: 91 Resp: 1767

Ion Ratio Lower Upper

91 100

126 22.4 17.5 52.5



#84

1,2,4-Trimethylbenzene

Concen: 0.220 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.006 min

Lab File: VN075770.D

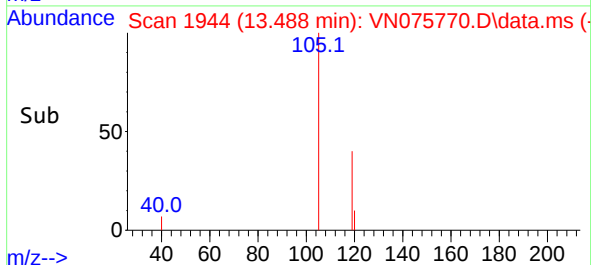
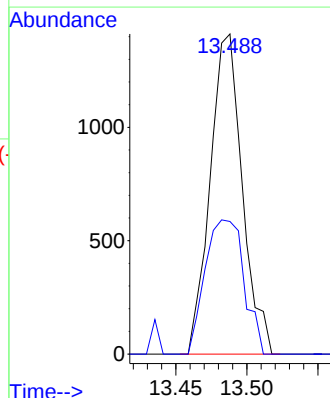
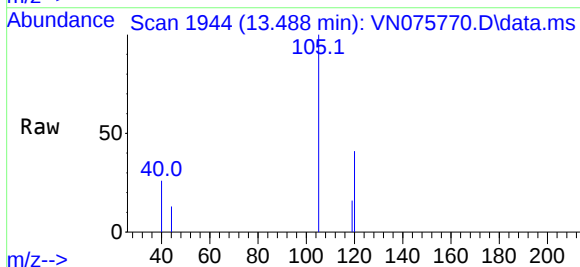
Acq: 14 Dec 2022 15:15

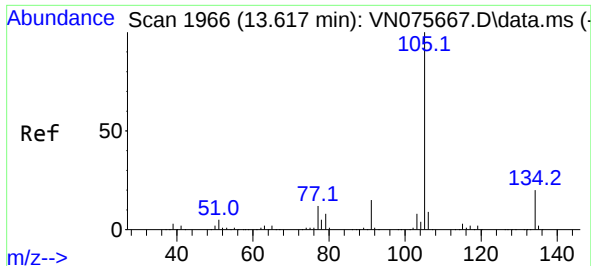
Tgt Ion: 105 Resp: 2223

Ion Ratio Lower Upper

105 100

120 50.7 23.3 69.8

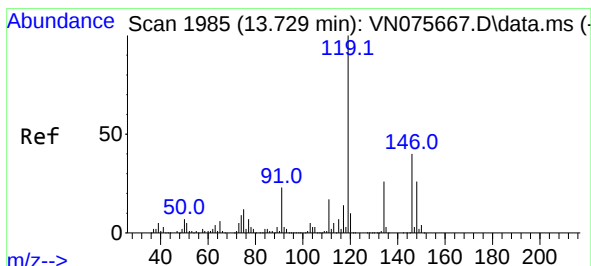
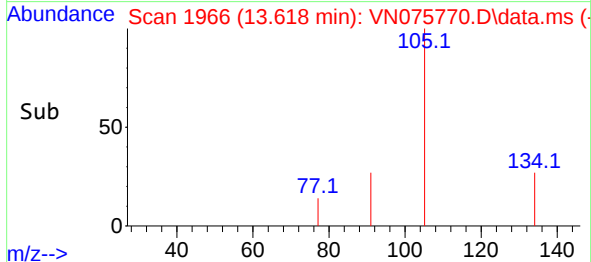
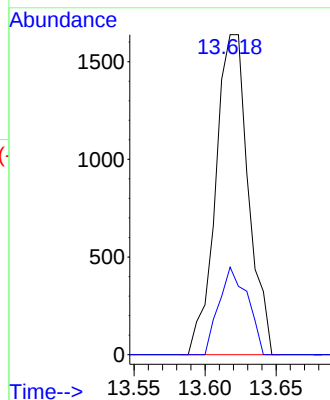
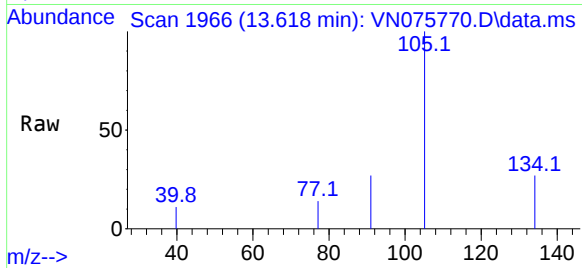




#85
 sec-Butylbenzene
 Concen: 0.212 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075770.D
 Acq: 14 Dec 2022 15:15

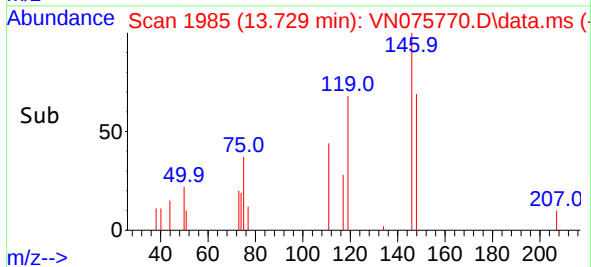
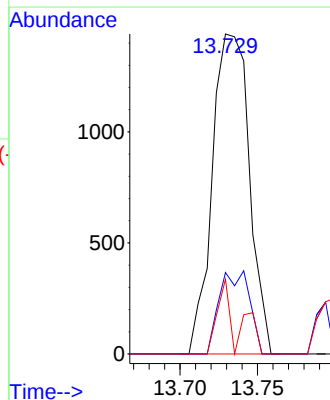
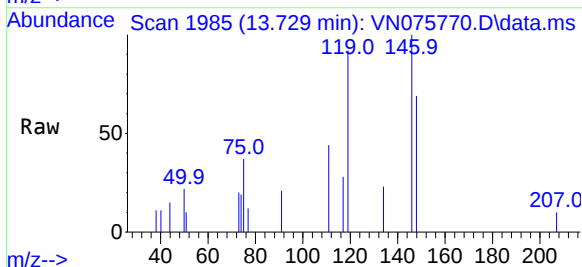
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBL01

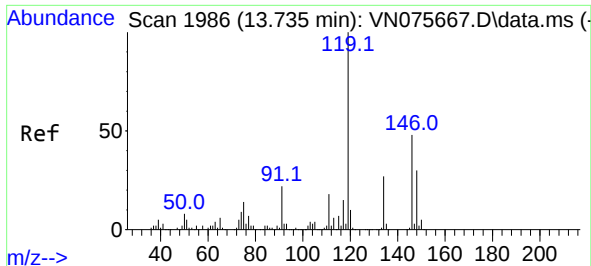
Tgt Ion:105 Resp: 2634
 Ion Ratio Lower Upper
 105 100
 134 23.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 0.232 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075770.D
 Acq: 14 Dec 2022 15:15

Tgt Ion:119 Resp: 2394
 Ion Ratio Lower Upper
 119 100
 134 21.1 13.0 39.0
 91 12.9 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 0.503 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. -0.006 min

Lab File: VN075770.D

Acq: 14 Dec 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBL01

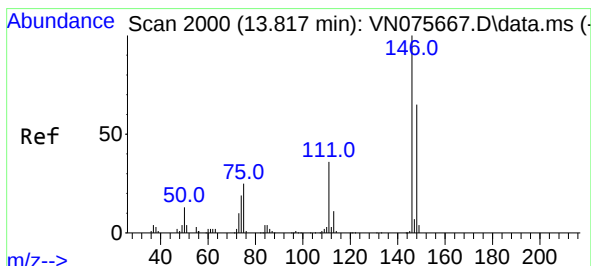
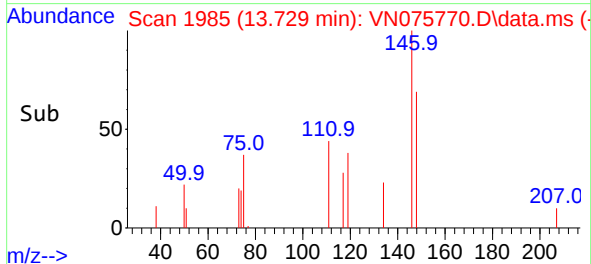
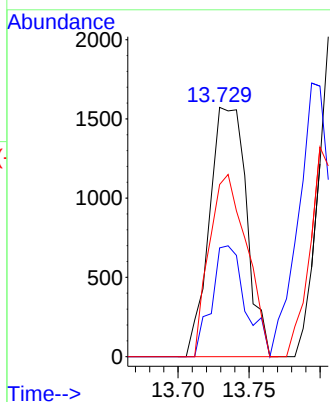
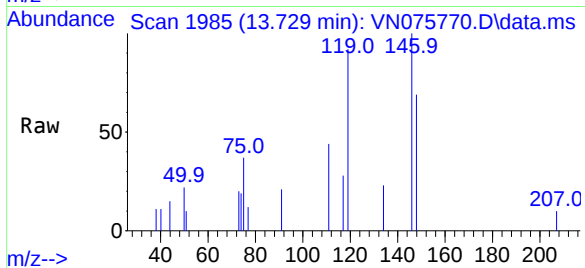
Tgt Ion:146 Resp: 2866

Ion Ratio Lower Upper

146 100

111 40.3 19.7 59.0

148 73.7 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 0.492 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. -0.082 min

Lab File: VN075770.D

Acq: 14 Dec 2022 15:15

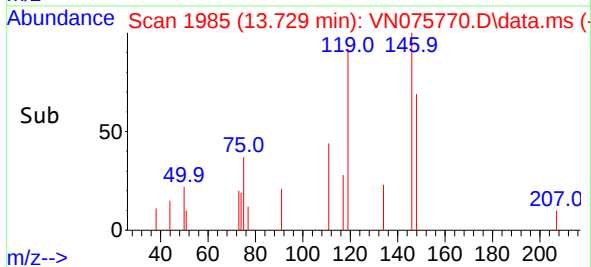
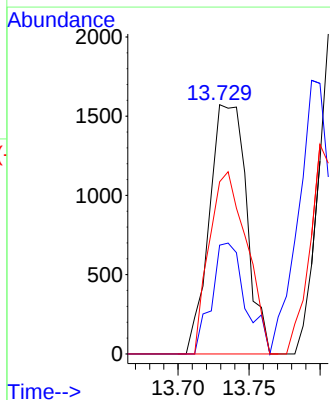
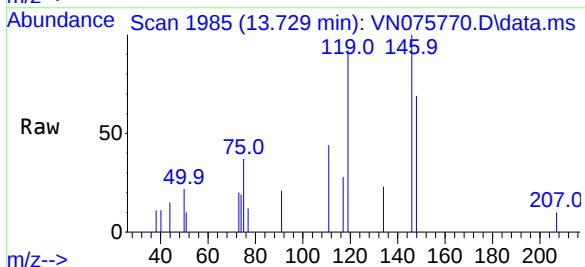
Tgt Ion:146 Resp: 2866

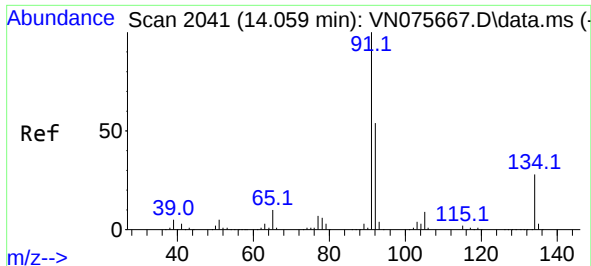
Ion Ratio Lower Upper

146 100

111 40.3 19.1 57.1

148 73.7 32.0 96.2





#89

n-Butylbenzene

Concen: 0.527 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN075770.D

Acq: 14 Dec 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBL01

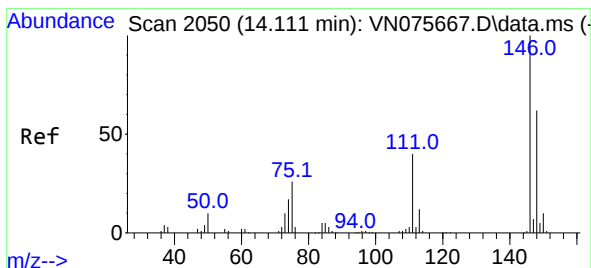
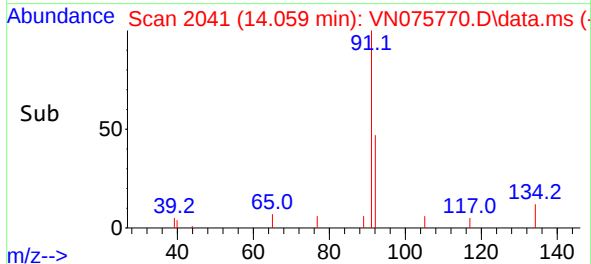
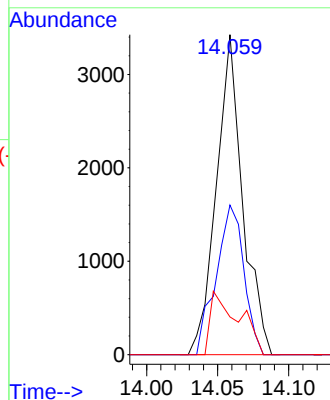
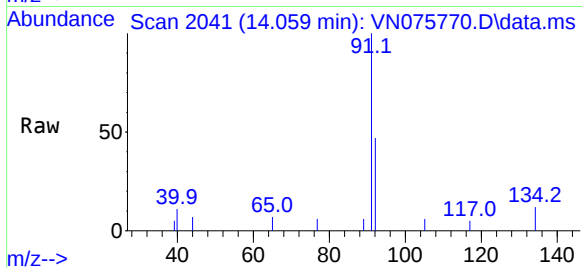
Tgt Ion: 91 Resp: 4407

Ion Ratio Lower Upper

91 100

92 49.5 26.4 79.2

134 21.4 13.4 40.2



#91

1,2-Dichlorobenzene

Concen: 0.536 ug/l

RT: 14.112 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VN075770.D

Acq: 14 Dec 2022 15:15

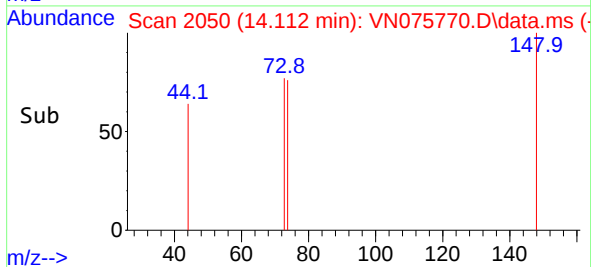
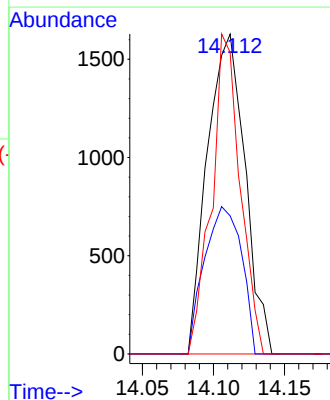
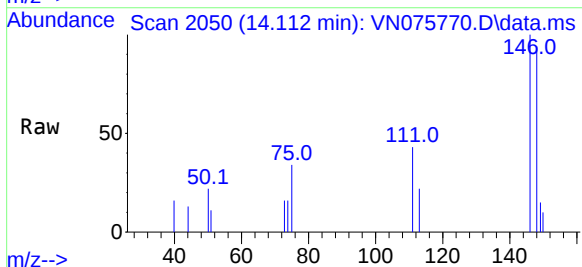
Tgt Ion:146 Resp: 3009

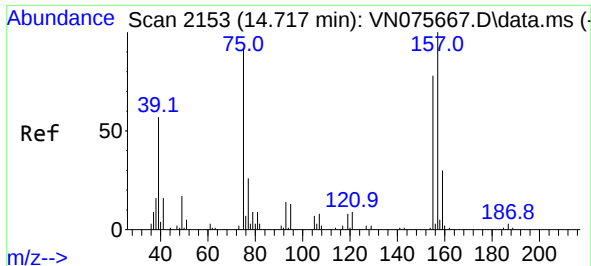
Ion Ratio Lower Upper

146 100

111 45.3 20.3 61.0

148 75.8 31.7 95.1

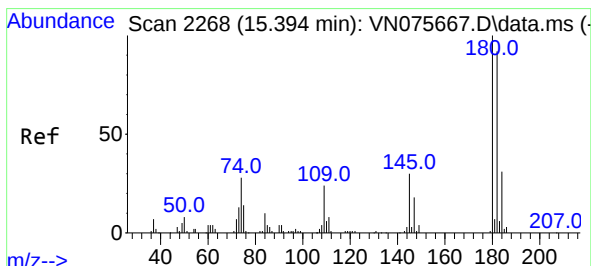
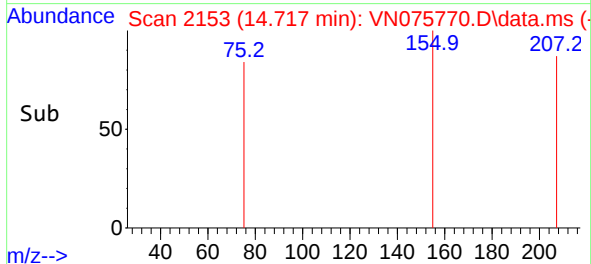
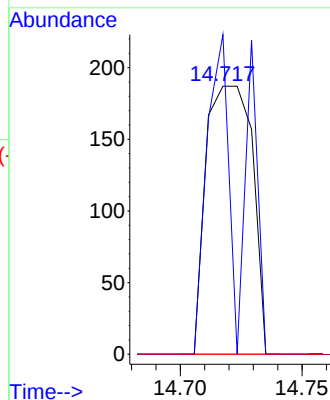
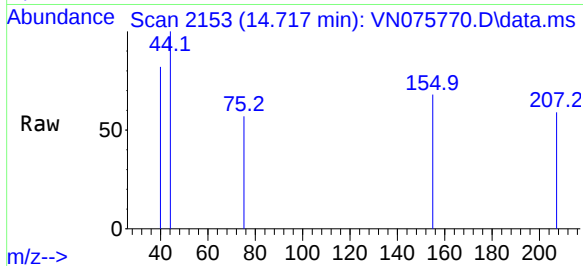




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.368 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

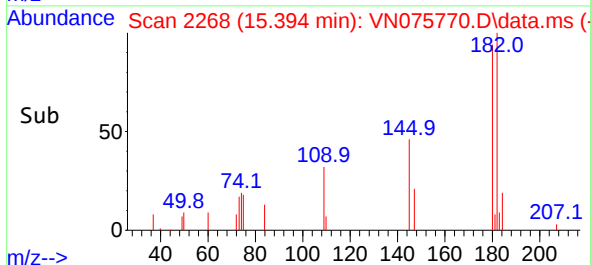
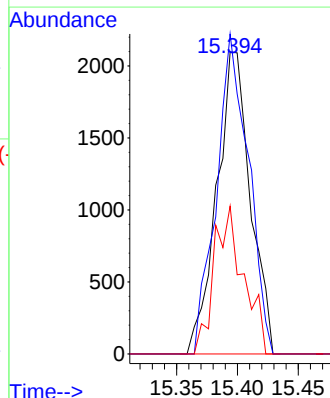
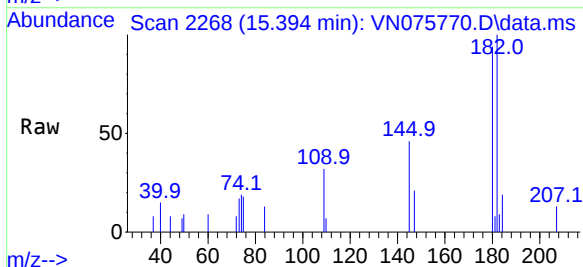
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBL01

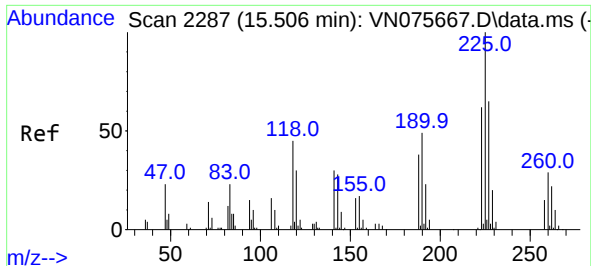
Tgt Ion: 75 Resp: 246
Ion Ratio Lower Upper
75 100
155 87.0 49.3 147.8
157 0.0 63.7 191.3#



#93
1,2,4-Trichlorobenzene
Concen: 1.451 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

Tgt Ion:180 Resp: 4032
Ion Ratio Lower Upper
180 100
182 100.7 47.5 142.5
145 42.6 15.3 45.8

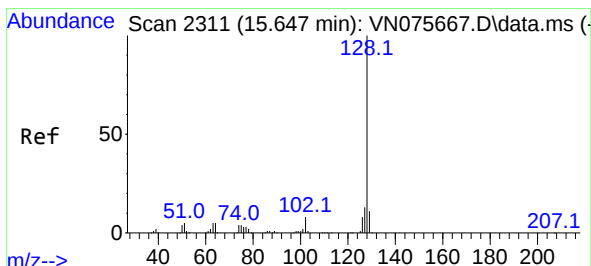
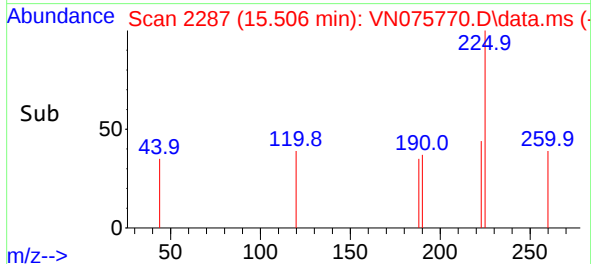
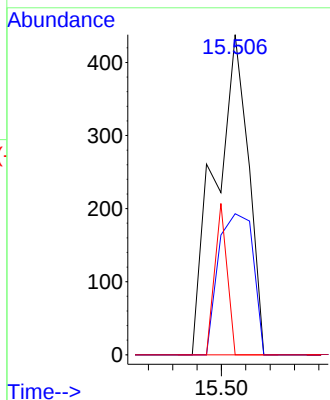
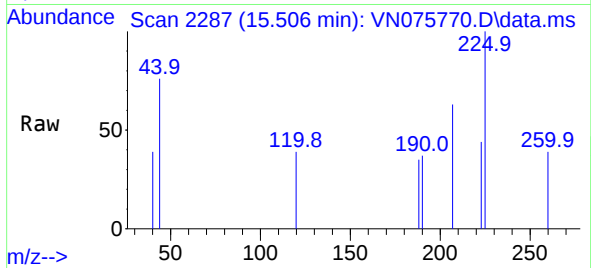




#94
Hexachlorobutadiene
Concen: 0.274 ug/l
RT: 15.506 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

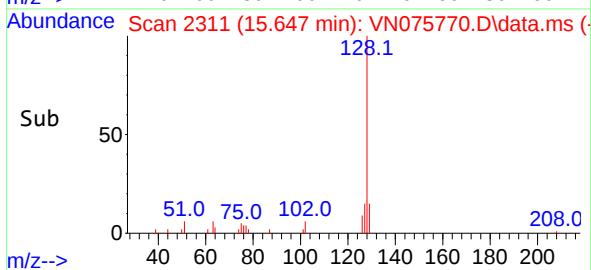
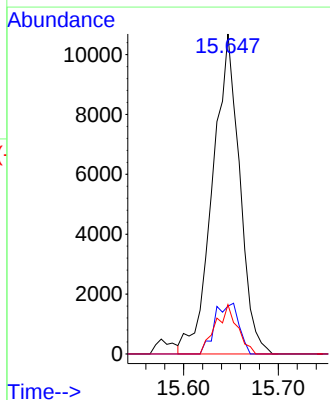
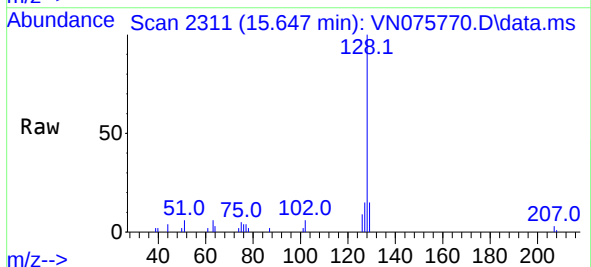
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBL01

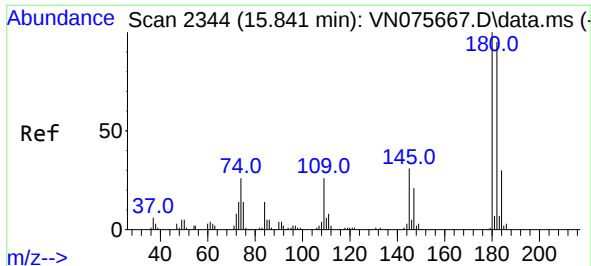
Tgt Ion:225 Resp: 415
Ion Ratio Lower Upper
225 100
223 46.0 31.5 94.5
227 17.6 31.6 95.0#



#95
Naphthalene
Concen: 4.385 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075770.D
Acq: 14 Dec 2022 15:15

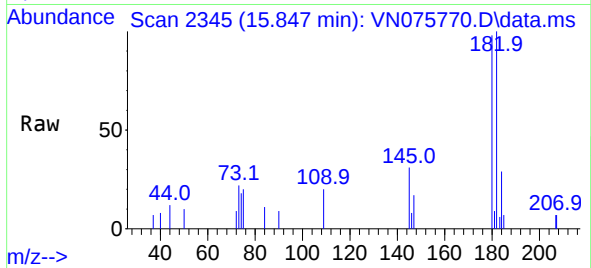
Tgt Ion:128 Resp: 21187
Ion Ratio Lower Upper
128 100
127 14.1 10.4 15.6
129 12.4 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.995 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN075770.D
 Acq: 14 Dec 2022 15:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBL01



Tgt Ion:	180	Resp:	5180
Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.0	141.0
145	35.8	16.0	47.9

