

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032063.D
 Acq On : 12 Oct 2022 05:51
 Operator : JC/MD
 Sample : N5067-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B6(22-23)

Quant Time: Oct 12 06:24:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

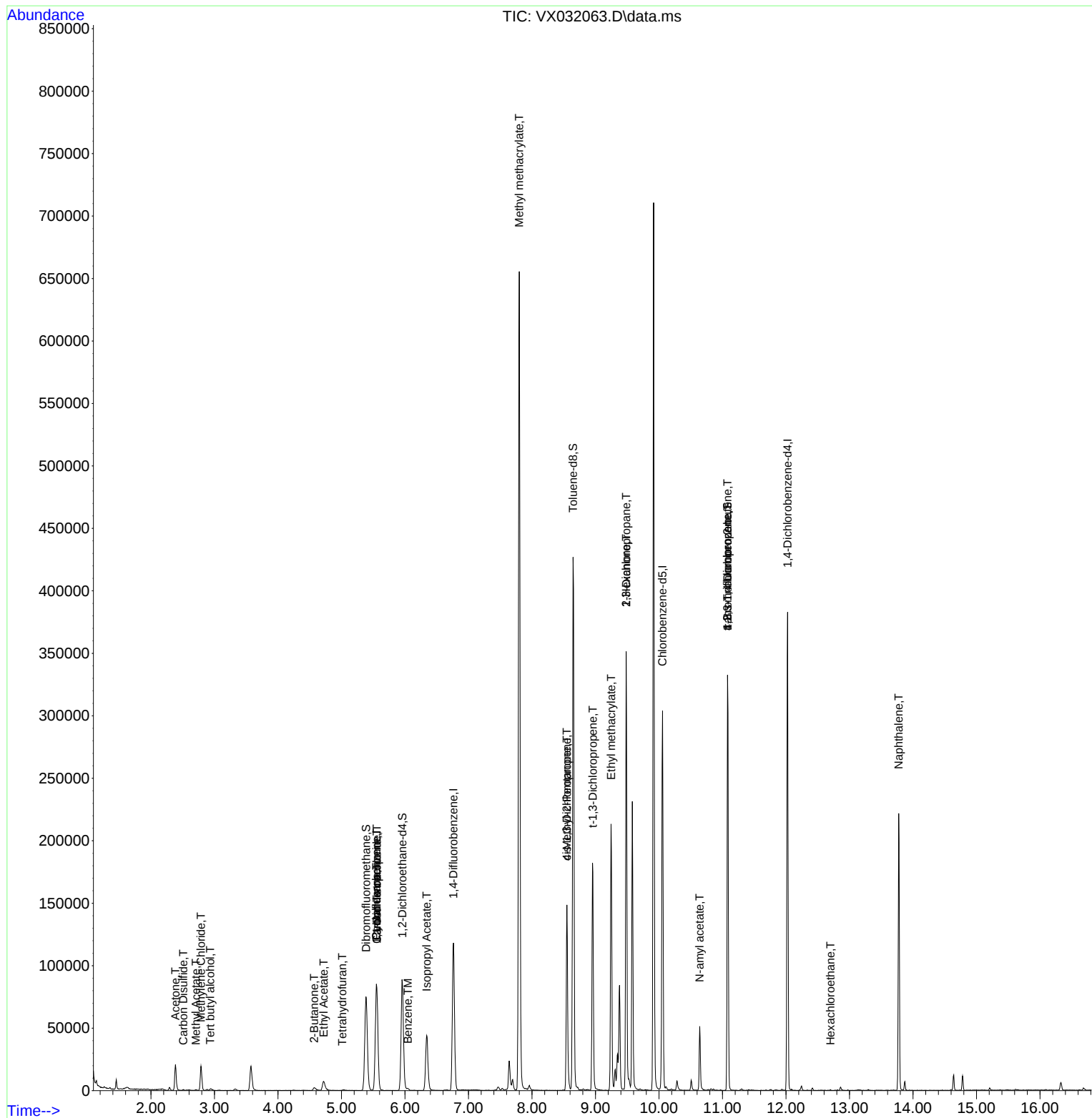
Internal Standards						
1) Pentafluorobenzene	5.550	168	78189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	118330	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83661	51.810	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.620%			
35) Dibromofluoromethane	5.385	113	63302	47.260	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.520%			
50) Toluene-d8	8.647	98	246348	51.112	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.220%			
62) 4-Bromofluorobenzene	11.079	95	83514	49.013	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.020%			
Target Compounds					Qvalue	
5) Bromomethane	1.624	94	291	Below Cal	#	57
11) Tert butyl alcohol	2.934	59	1088	5.416	ug/l #	73
13) Acrolein	2.240	56	24	Below Cal	#	15
16) Acetone	2.386	43	22672	41.312	ug/l	99
17) Carbon Disulfide	2.508	76	737	0.288	ug/l #	75
18) Methyl Acetate	2.709	43	739	0.408	ug/l #	90
20) Methylene Chloride	2.788	84	8277	5.739	ug/l	96
25) 2-Butanone	4.568	43	3141	3.661	ug/l #	88
29) Tetrahydrofuran	5.013	42	281	0.508	ug/l #	62
31) Cyclohexane	5.550	56	1970	1.021	ug/l #	30
36) 1,1-Dichloropropene	5.556	75	6446	3.629	ug/l #	50
37) Ethyl Acetate	4.721	43	13233	7.914	ug/l	98
38) Carbon Tetrachloride	5.556	117	8138	4.481	ug/l #	17
40) Benzene	6.044	78	1880	0.361	ug/l #	85
43) Isopropyl Acetate	6.342	43	60530	23.858	ug/l	98
48) Methyl methacrylate	7.799	41	58336	48.119	ug/l #	47
49) 1,4-Dioxane	7.793	88	43	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.549	43	49556	29.475	ug/l #	51
53) t-1,3-Dichloropropene	8.958	75	364	1.400	ug/l #	44
54) cis-1,3-Dichloropropene	8.549	75	21923	11.830	ug/l #	68
56) Ethyl methacrylate	9.244	69	550	0.299	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	2932	1.271	ug/l #	43
59) 2-Hexanone	9.482	43	41634	33.585	ug/l #	52
74) N-amyl acetate	10.640	43	12578	7.265	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	46223	30.004	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	46223	102.411	ug/l #	11
90) Hexachloroethane	12.701	117	220	1.586	ug/l #	15
95) Naphthalene	13.774	128	132653	24.127	ug/l	100

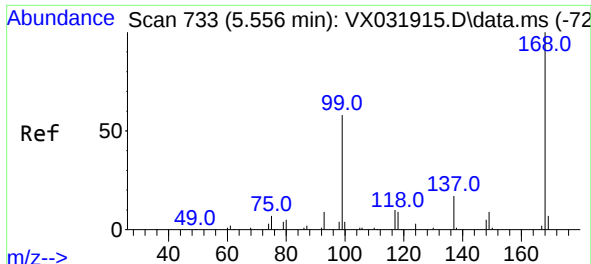
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
Data File : VX032063.D
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Instrument :
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B6(22-23)

Quant Time: Oct 12 06:24:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
Response via : Initial Calibration

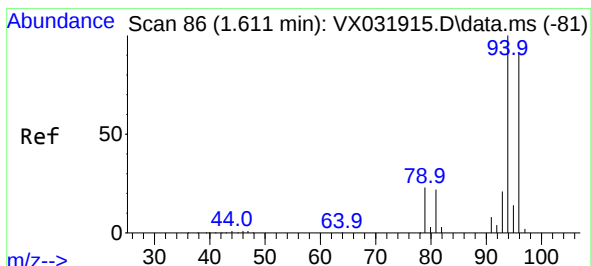
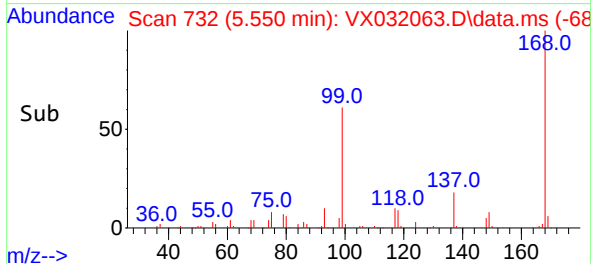
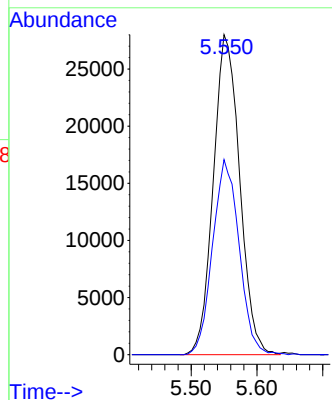
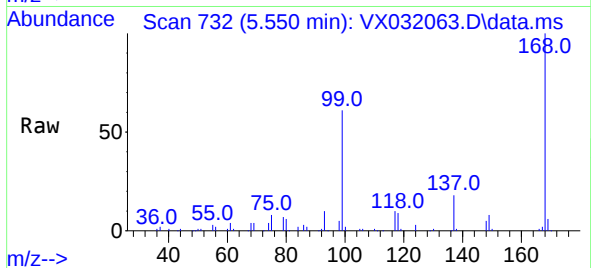




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

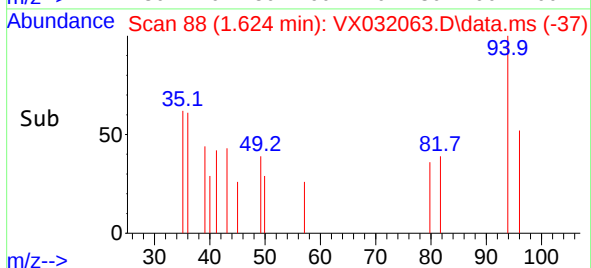
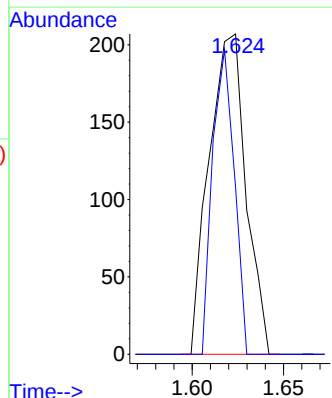
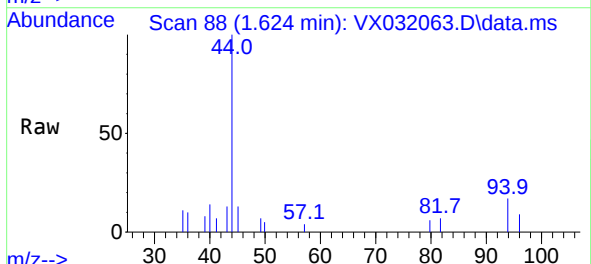
Instrument :
MSVOA_X
ClientSampleId :
B6(22-23)

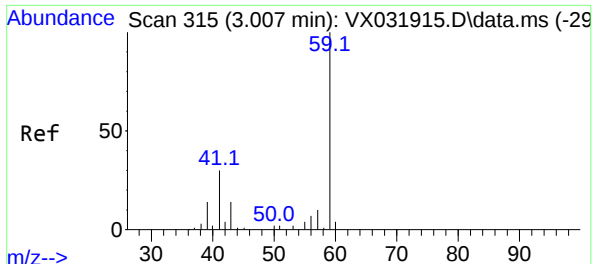
Tgt Ion:168 Resp: 78189
Ion Ratio Lower Upper
168 100
99 61.0 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.013 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

Tgt Ion: 94 Resp: 291
Ion Ratio Lower Upper
94 100
96 52.2 74.4 111.6#





#11

Tert butyl alcohol

Concen: 5.416 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.073 min

Lab File: VX032063.D

Acq: 12 Oct 2022 05:51

Instrument :

MSVOA_X

ClientSampleId :

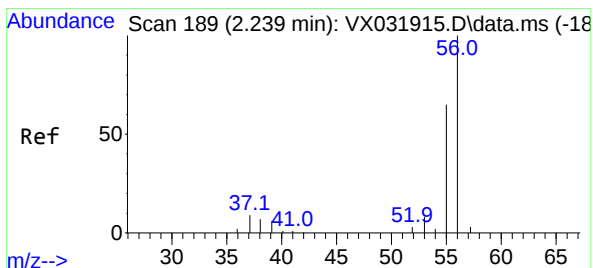
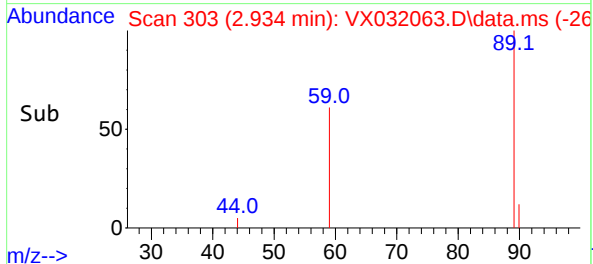
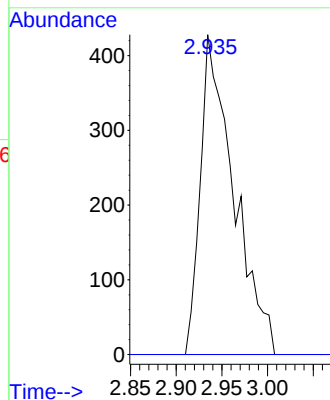
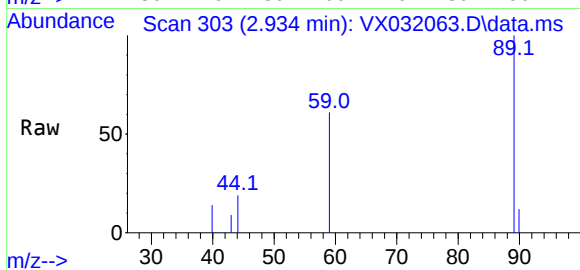
B6(22-23)

Tgt Ion: 59 Resp: 1088

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: Below Cal

RT: 2.240 min Scan# 189

Delta R.T. 0.001 min

Lab File: VX032063.D

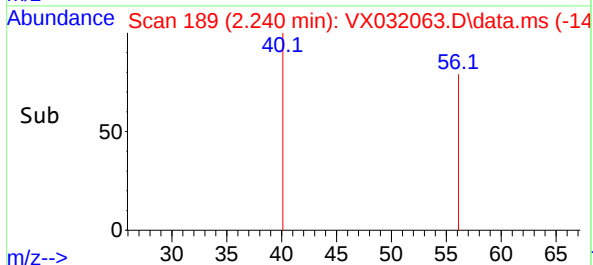
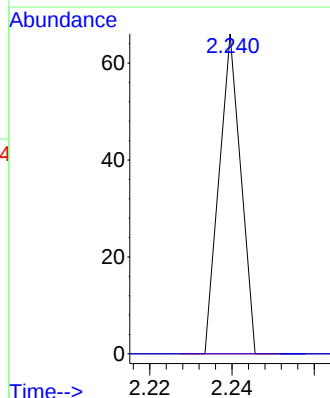
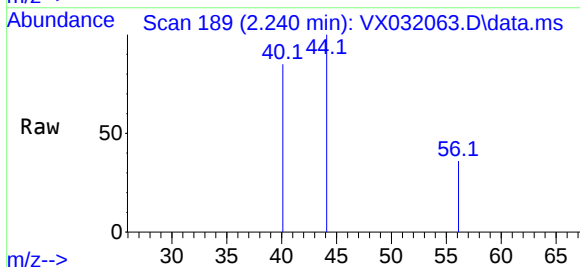
Acq: 12 Oct 2022 05:51

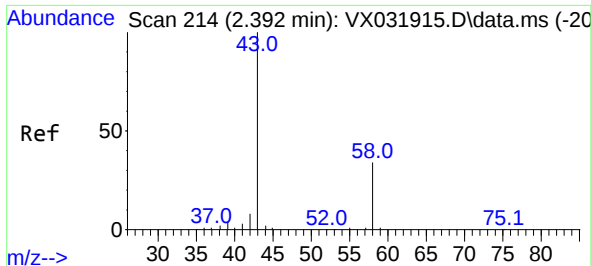
Tgt Ion: 56 Resp: 24

Ion Ratio Lower Upper

56 100

55 0.0 56.0 84.0#

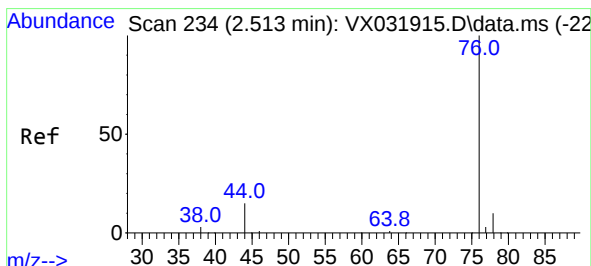
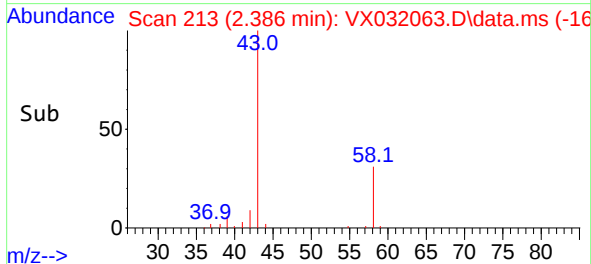
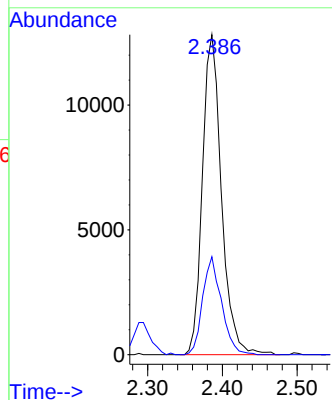
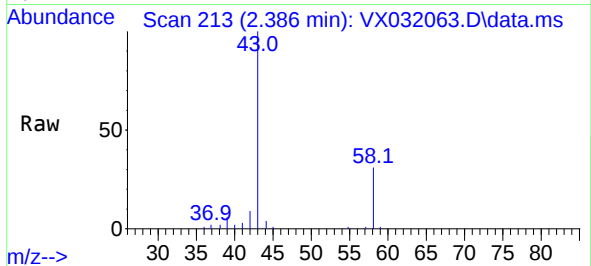




#16
Acetone
Concen: 41.312 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

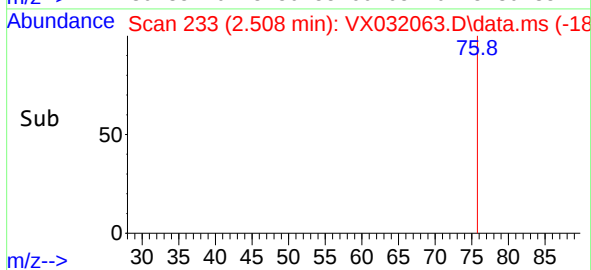
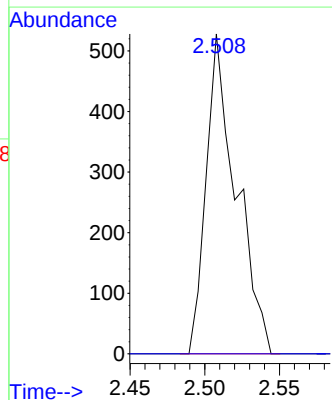
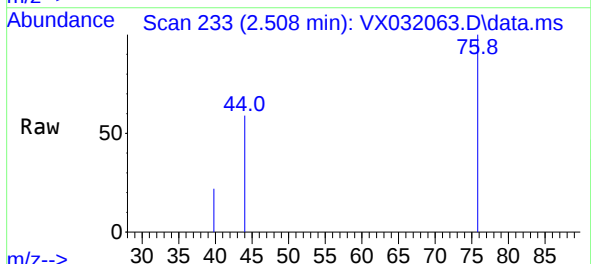
Instrument :
MSVOA_X
ClientSampleId :
B6(22-23)

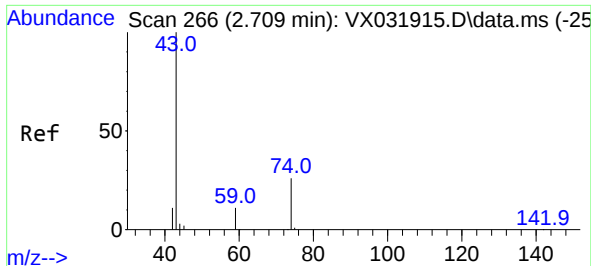
Tgt Ion: 43 Resp: 22672
Ion Ratio Lower Upper
43 100
58 30.6 23.8 35.8



#17
Carbon Disulfide
Concen: 0.288 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.005 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

Tgt Ion: 76 Resp: 737
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

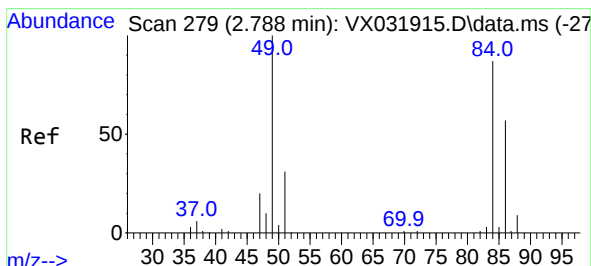
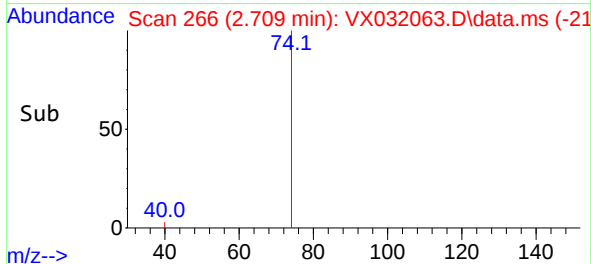
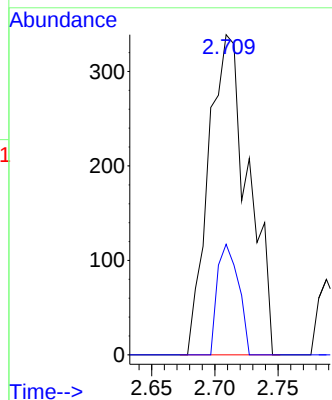
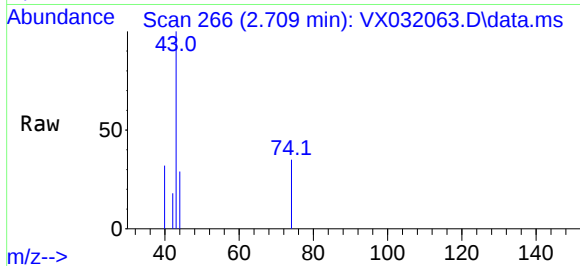




#18
Methyl Acetate
Concen: 0.408 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

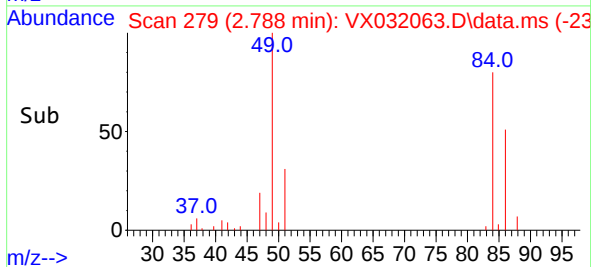
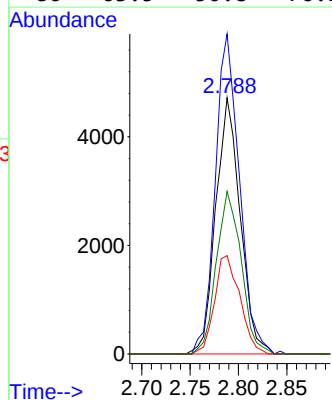
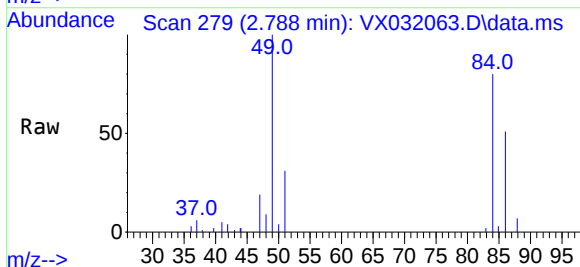
Instrument :
MSVOA_X
ClientSampleId :
B6(22-23)

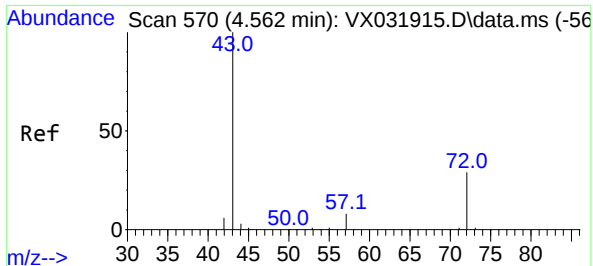
Tgt Ion: 43 Resp: 739
Ion Ratio Lower Upper
43 100
74 18.3 18.6 27.8#



#20
Methylene Chloride
Concen: 5.739 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

Tgt Ion: 84 Resp: 8277
Ion Ratio Lower Upper
84 100
49 124.9 105.9 158.9
51 38.4 32.2 48.2
86 63.5 50.8 76.2





#25

2-Butanone

Concen: 3.661 ug/l

RT: 4.568 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX032063.D

Acq: 12 Oct 2022 05:51

Instrument :

MSVOA_X

ClientSampleId :

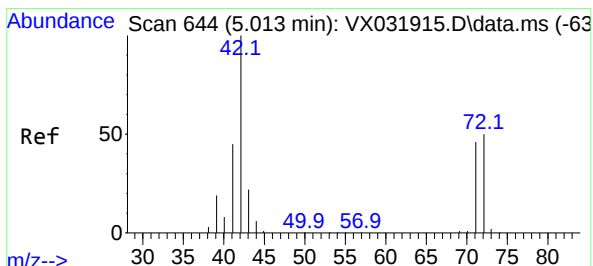
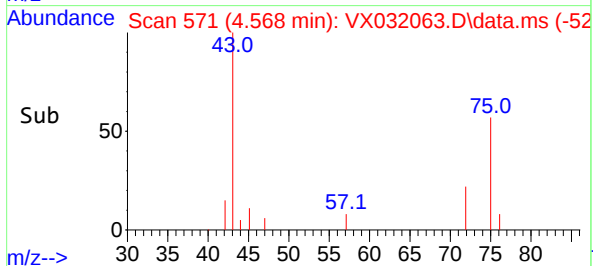
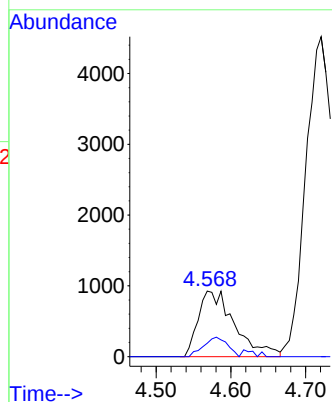
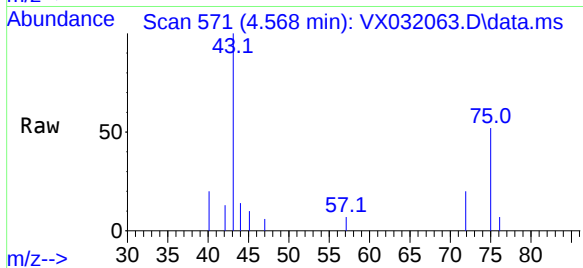
B6(22-23)

Tgt Ion: 43 Resp: 3141

Ion Ratio Lower Upper

43 100

72 20.5 21.1 31.7#



#29

Tetrahydrofuran

Concen: 0.508 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX032063.D

Acq: 12 Oct 2022 05:51

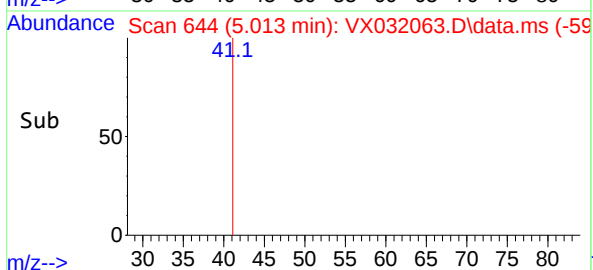
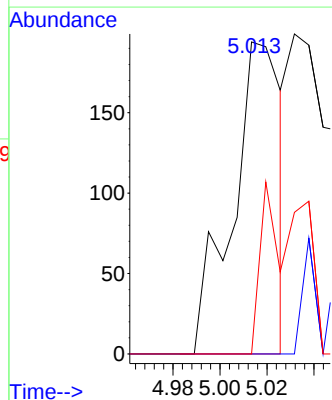
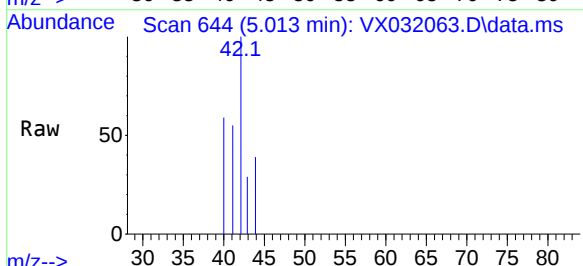
Tgt Ion: 42 Resp: 281

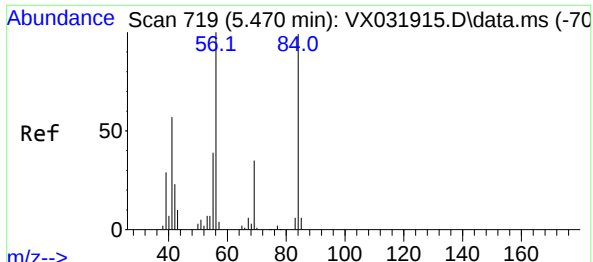
Ion Ratio Lower Upper

42 100

72 0.0 36.4 54.6#

71 44.5 33.5 50.3

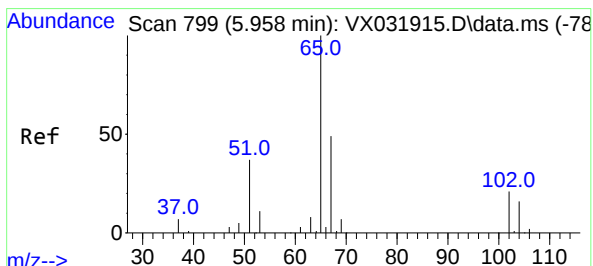
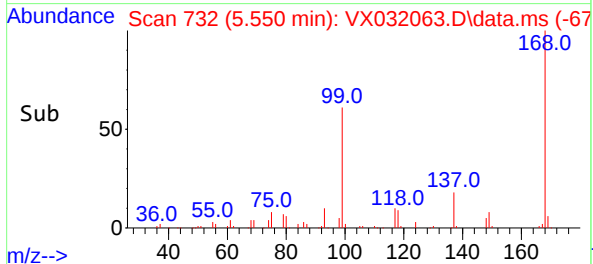
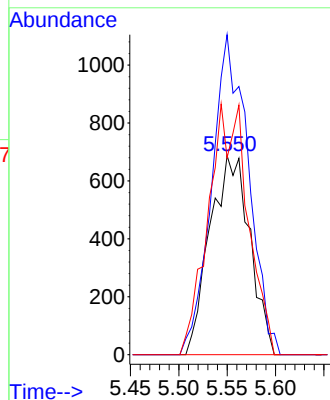
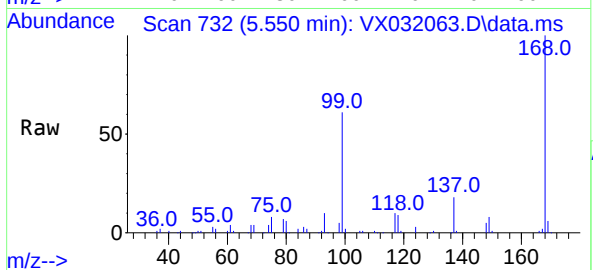




#31
Cyclohexane
Concen: 1.021 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

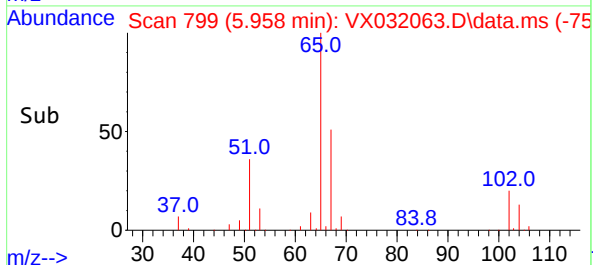
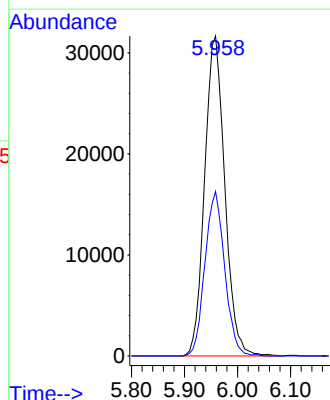
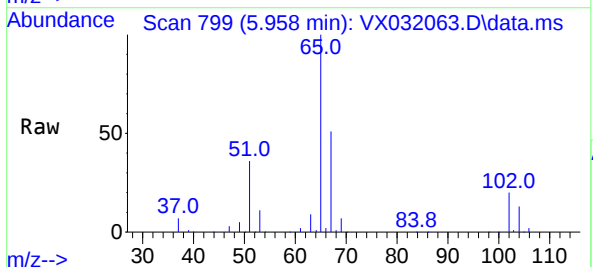
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B6(22-23)

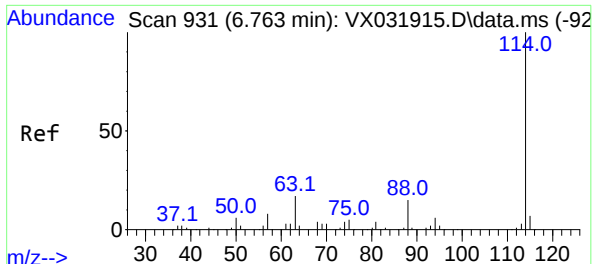
Tgt Ion: 56 Resp: 1970
Ion Ratio Lower Upper
56 100
69 160.6 25.1 37.7#
84 98.8 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 51.810 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

Tgt Ion: 65 Resp: 83661
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.4

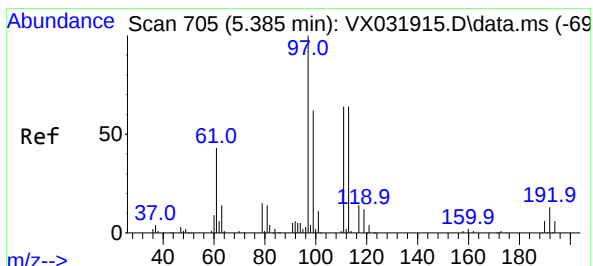
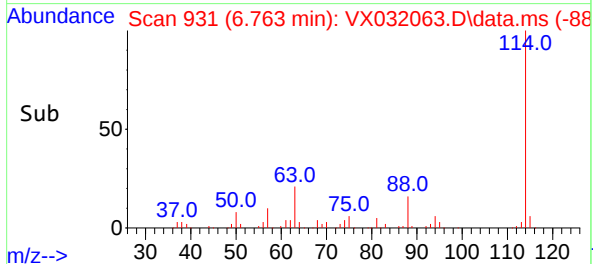
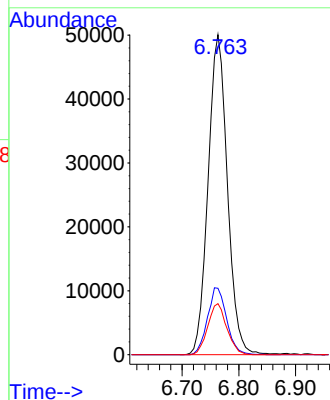
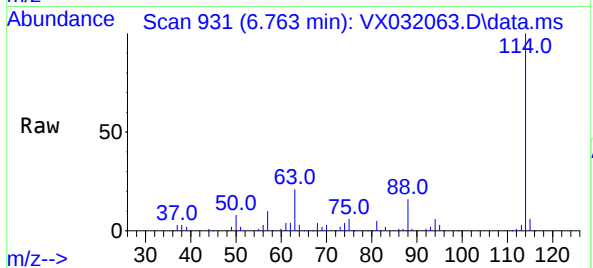




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

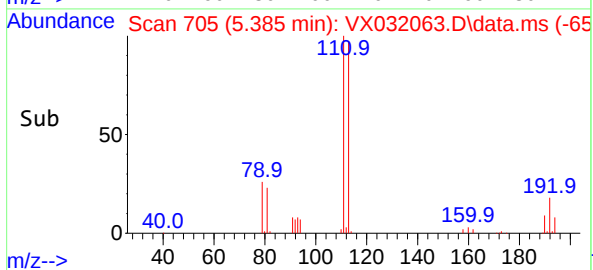
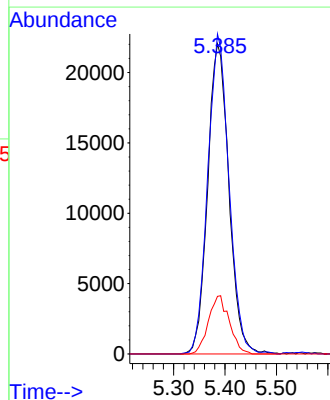
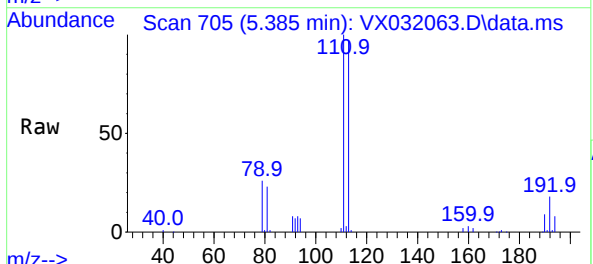
Instrument :
MSVOA_X
ClientSampleId :
B6(22-23)

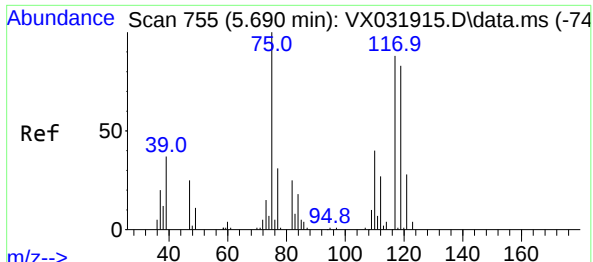
Tgt Ion:114 Resp: 118330
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 15.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.260 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

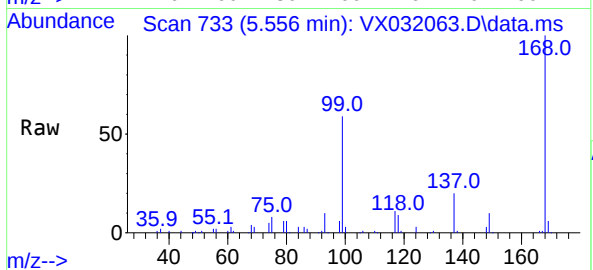
Tgt Ion:113 Resp: 63302
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 18.4 14.1 21.1



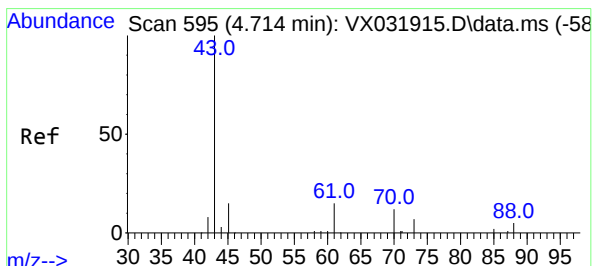
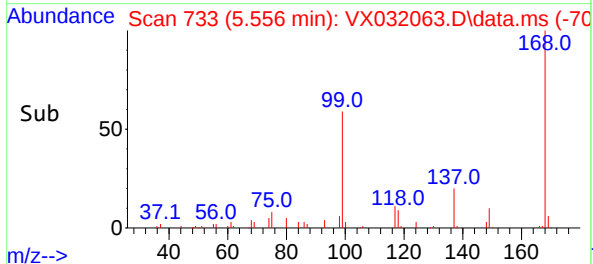
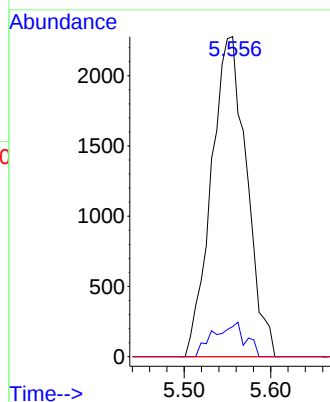


#36
1,1-Dichloropropene
Concen: 3.629 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

Instrument :
MSVOA_X
ClientSampleId :
B6(22-23)

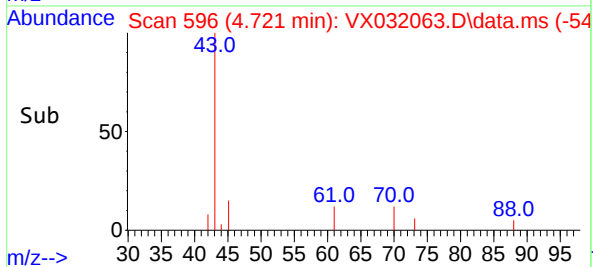
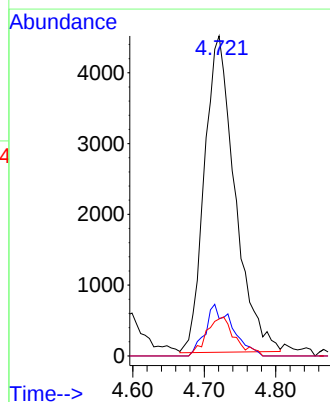
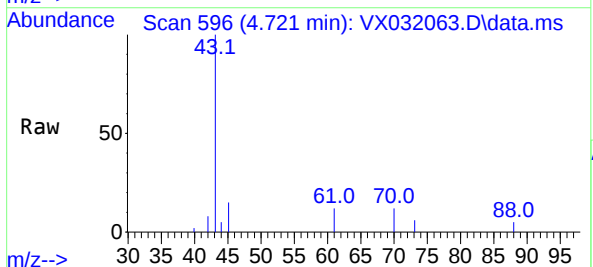


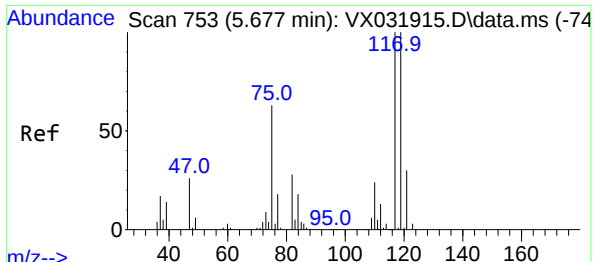
Tgt Ion: 75 Resp: 6446
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 7.914 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.007 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

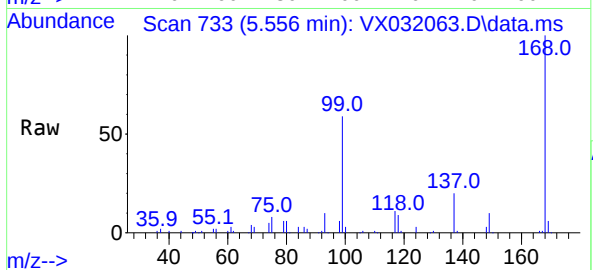
Tgt Ion: 43 Resp: 13233
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 11.5 8.6 13.0



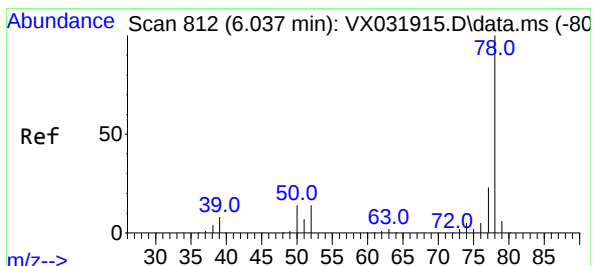
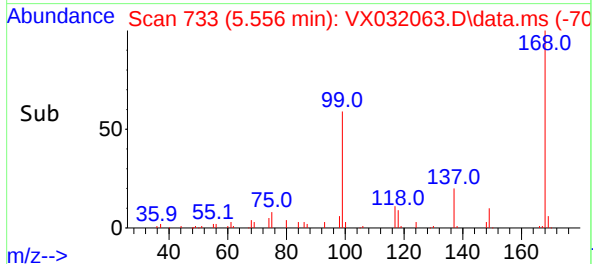
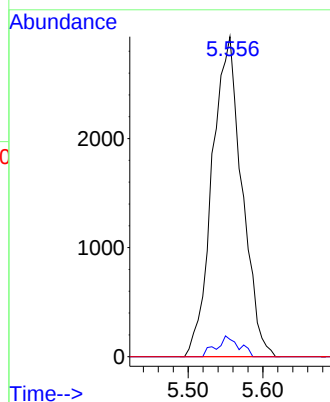


#38
Carbon Tetrachloride
Concen: 4.481 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

Instrument :
MSVOA_X
ClientSampleId :
B6(22-23)

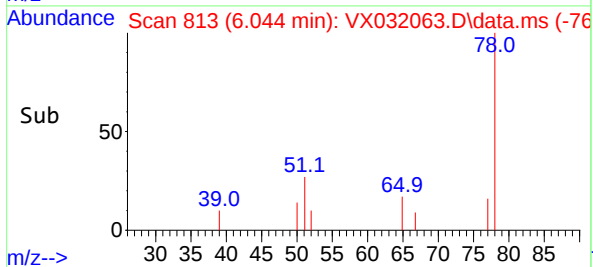
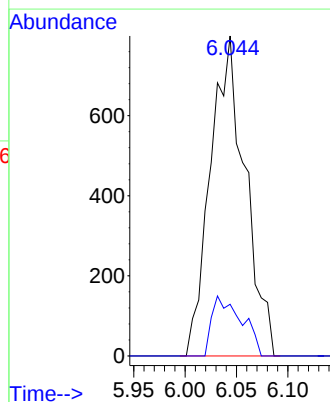
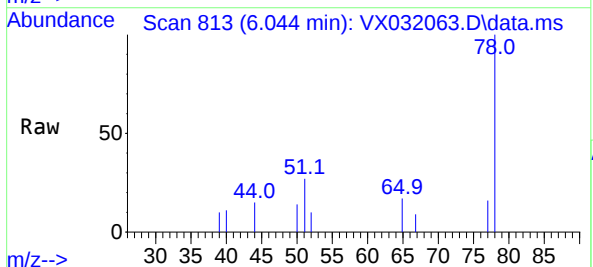


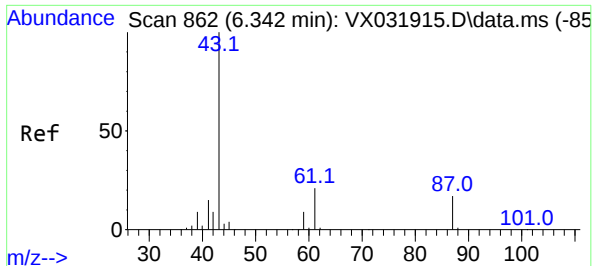
Tgt Ion:117 Resp: 8138
Ion Ratio Lower Upper
117 100
119 5.4 74.6 112.0#
121 0.0 25.3 37.9#



#40
Benzene
Concen: 0.361 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

Tgt Ion: 78 Resp: 1880
Ion Ratio Lower Upper
78 100
77 16.1 18.7 28.1#

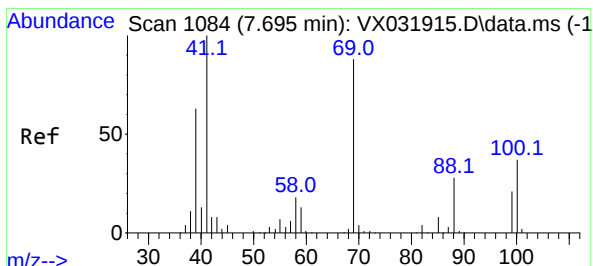
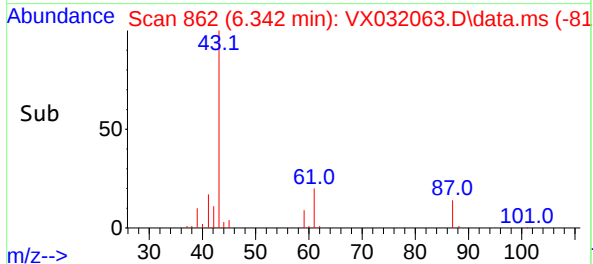
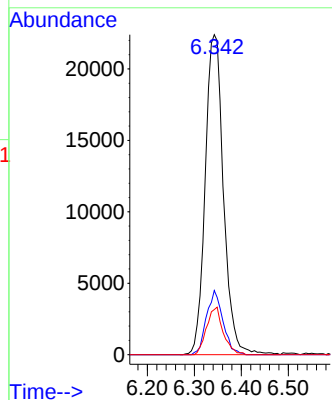
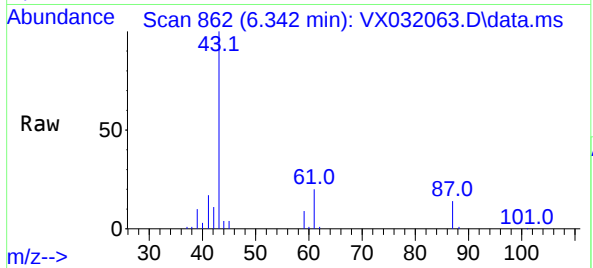




#43
Isopropyl Acetate
Concen: 23.858 ug/l
RT: 6.342 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

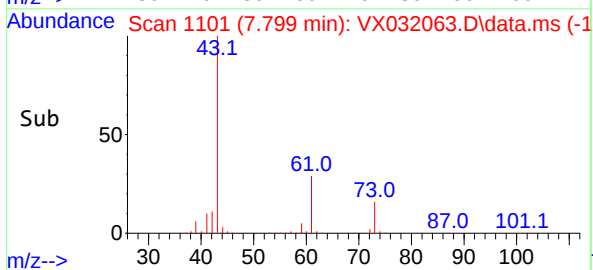
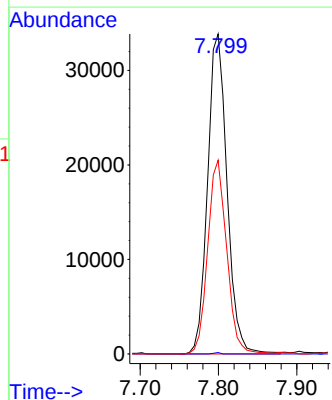
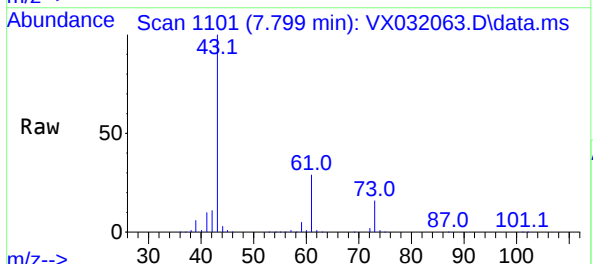
Instrument :
MSVOA_X
ClientSampleId :
B6(22-23)

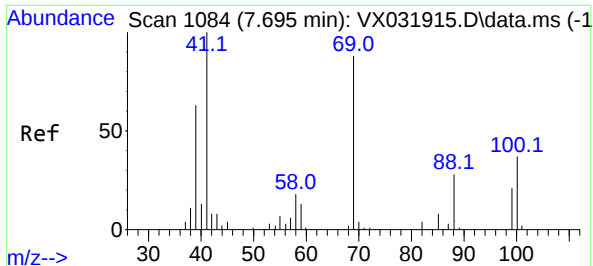
Tgt Ion: 43 Resp: 60530
Ion Ratio Lower Upper
43 100
61 18.1 15.3 22.9
87 13.4 10.6 15.8



#48
Methyl methacrylate
Concen: 48.119 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

Tgt Ion: 41 Resp: 58336
Ion Ratio Lower Upper
41 100
69 0.1 64.6 96.8#
39 59.1 51.4 77.0





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.793 min Scan# 1100

Delta R.T. 0.098 min

Lab File: VX032063.D

Acq: 12 Oct 2022 05:51

Instrument :

MSVOA_X

ClientSampleId :

B6(22-23)

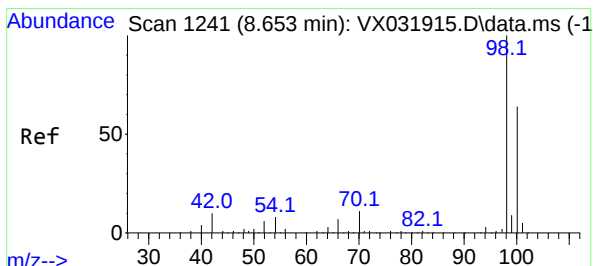
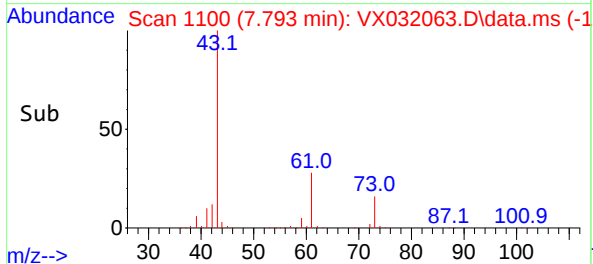
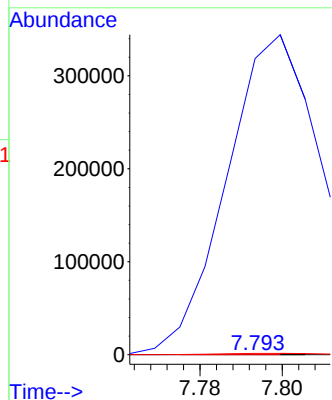
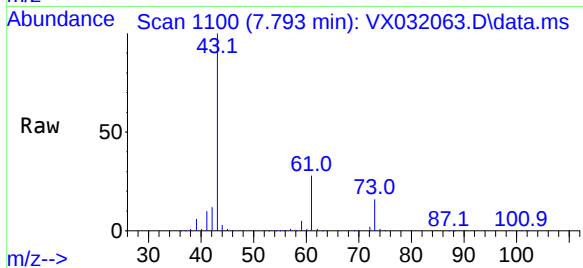
Tgt Ion: 88 Resp: 43

Ion Ratio Lower Upper

88 100

43 1351037.2 27.1 40.7#

58 6200.0 53.9 80.9#



#50

Toluene-d8

Concen: 51.112 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032063.D

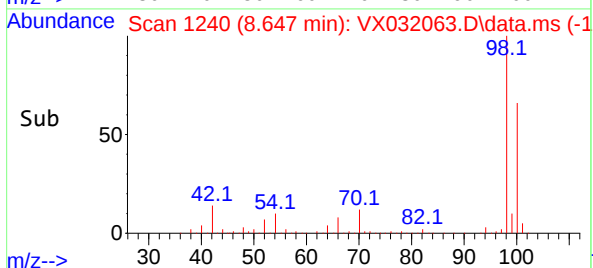
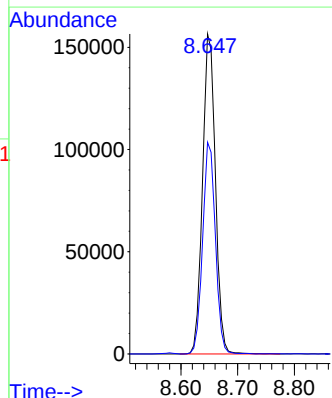
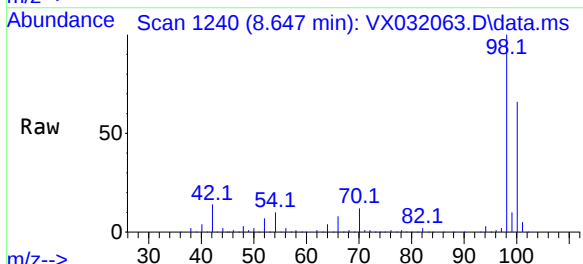
Acq: 12 Oct 2022 05:51

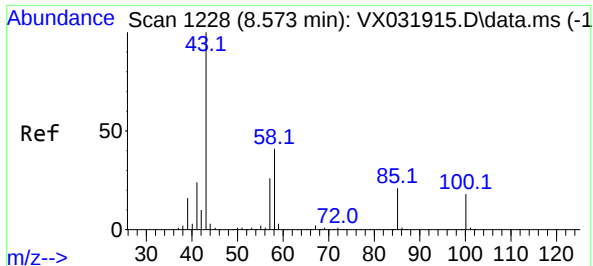
Tgt Ion: 98 Resp: 246348

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7

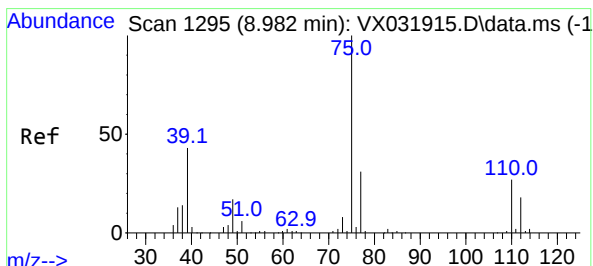
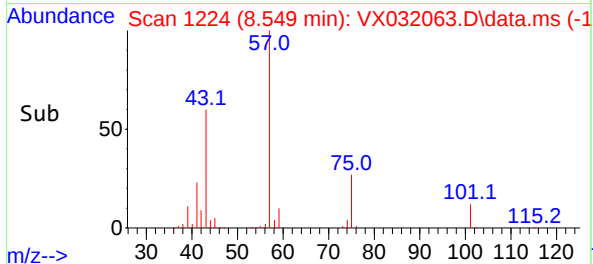
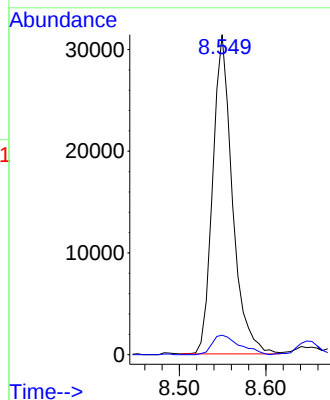
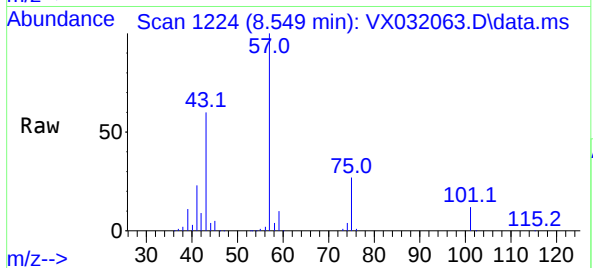




#51
4-Methyl-2-Pentanone
Concen: 29.475 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

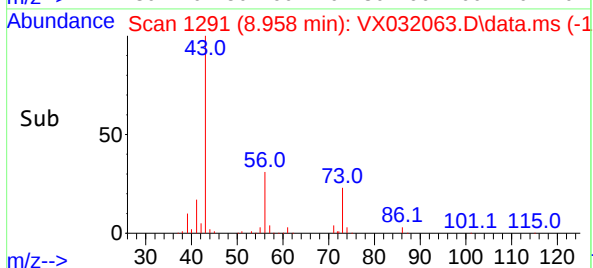
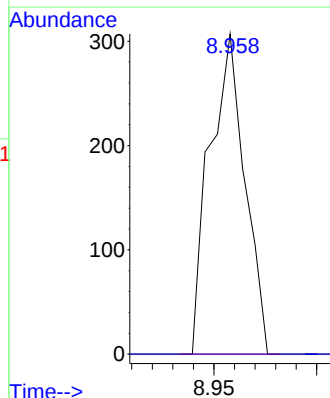
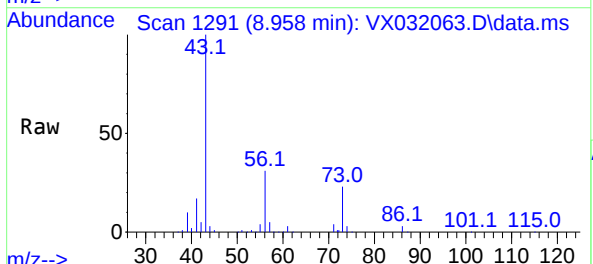
Instrument :
MSVOA_X
ClientSampleId :
B6(22-23)

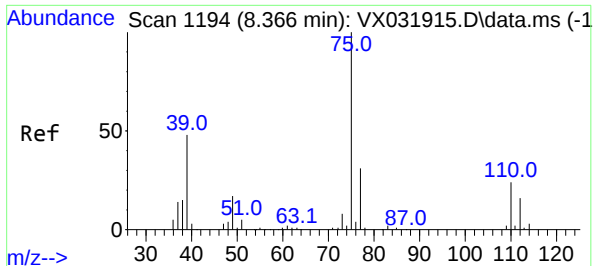
Tgt Ion: 43 Resp: 49556
Ion Ratio Lower Upper
43 100
58 8.5 30.6 46.0#



#53
t-1,3-Dichloropropene
Concen: 1.400 ug/l
RT: 8.958 min Scan# 1291
Delta R.T. -0.024 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

Tgt Ion: 75 Resp: 364
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#

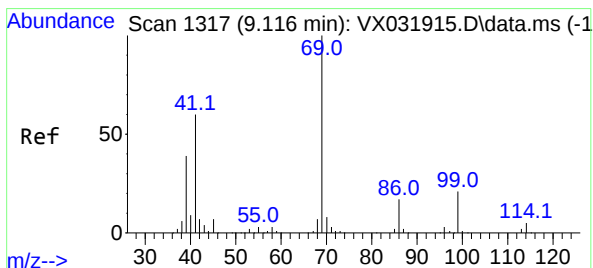
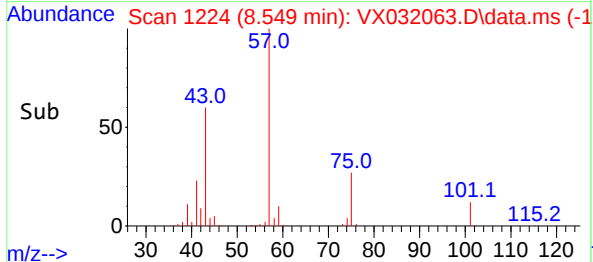
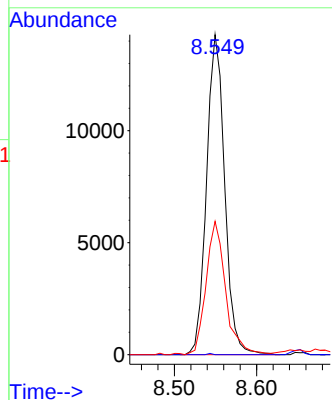
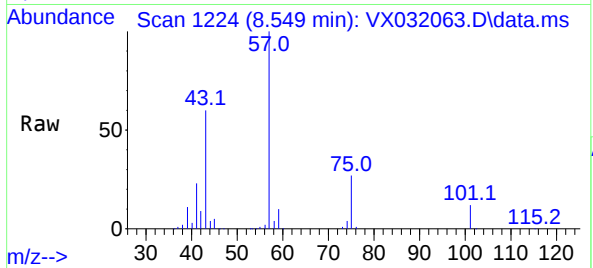




#54
 cis-1,3-Dichloropropene
 Concen: 11.830 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX032063.D
 Acq: 12 Oct 2022 05:51

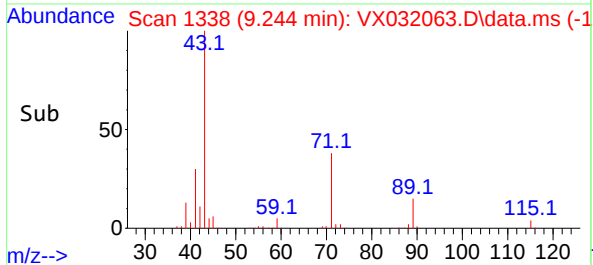
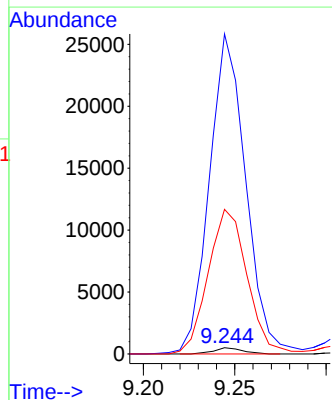
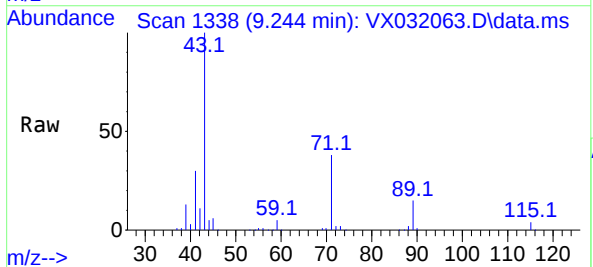
Instrument :
 MSVOA_X
 ClientSampleId :
 B6(22-23)

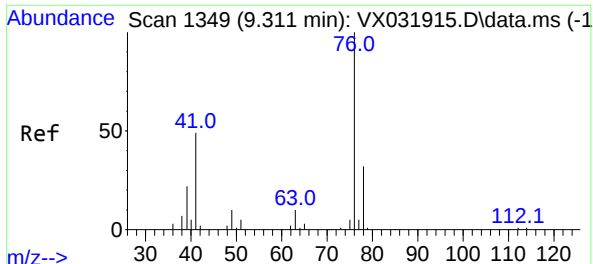
Tgt Ion: 75 Resp: 21923
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.4 36.6#
 39 41.3 43.7 65.5#



#56
 Ethyl methacrylate
 Concen: 0.299 ug/l
 RT: 9.244 min Scan# 1338
 Delta R.T. 0.128 min
 Lab File: VX032063.D
 Acq: 12 Oct 2022 05:51

Tgt Ion: 69 Resp: 550
 Ion Ratio Lower Upper
 69 100
 41 6526.0 54.2 81.4#
 39 3160.0 34.2 51.2#

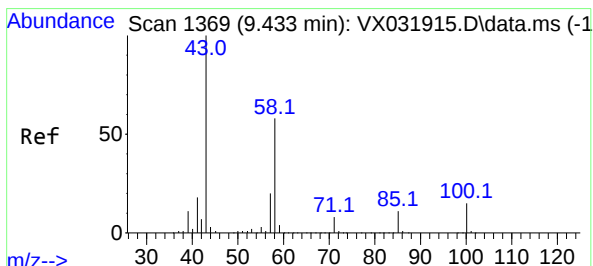
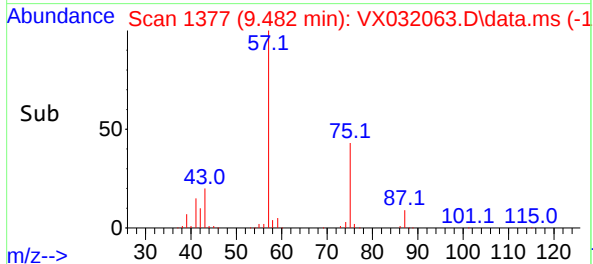
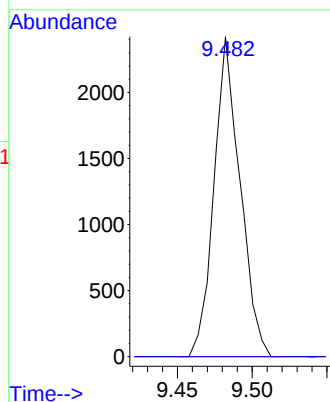
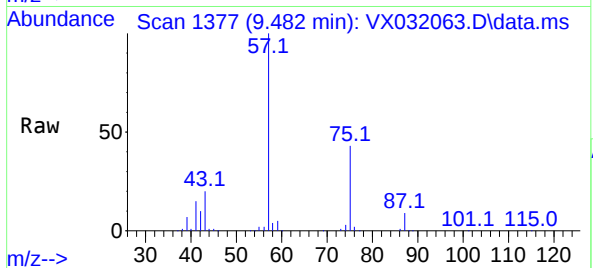




#57
1,3-Dichloropropane
Concen: 1.271 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

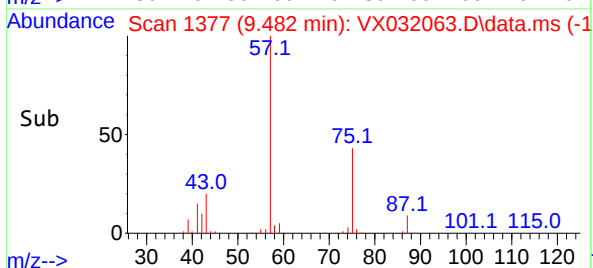
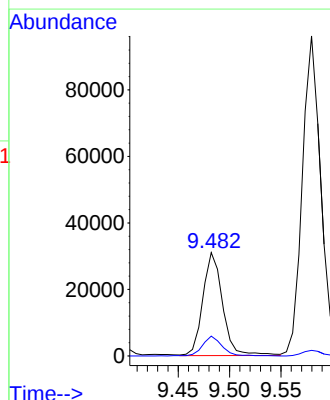
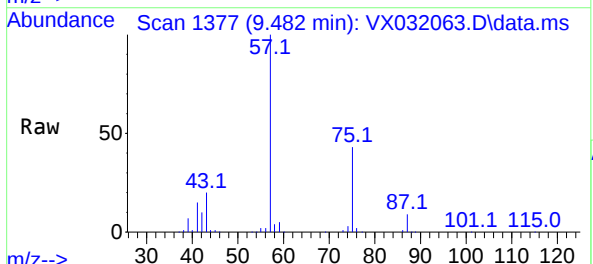
Instrument :
MSVOA_X
ClientSampleId :
B6(22-23)

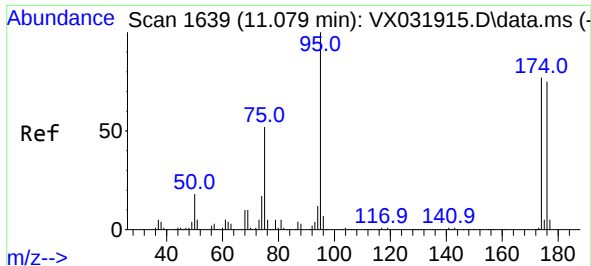
Tgt Ion: 76 Resp: 2932
Ion Ratio Lower Upper
76 100
78 0.0 25.5 38.3#



#59
2-Hexanone
Concen: 33.585 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

Tgt Ion: 43 Resp: 41634
Ion Ratio Lower Upper
43 100
58 19.1 26.7 80.0#

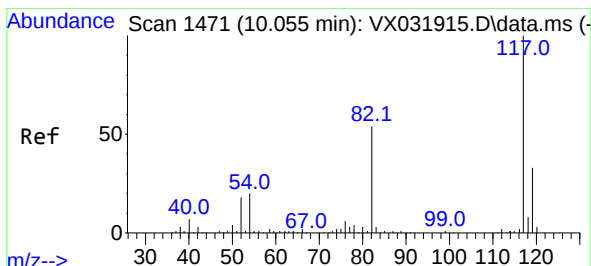
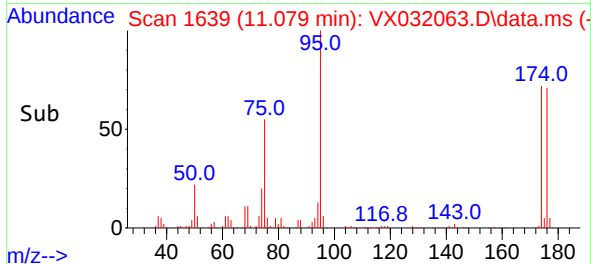
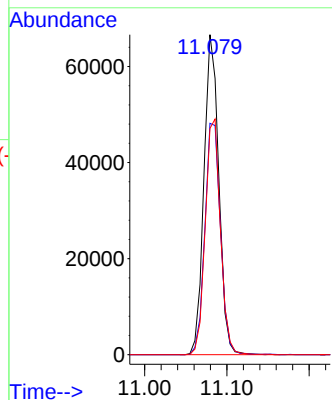
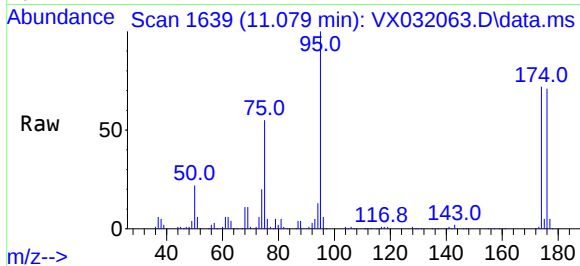




#62
4-Bromofluorobenzene
Concen: 49.013 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

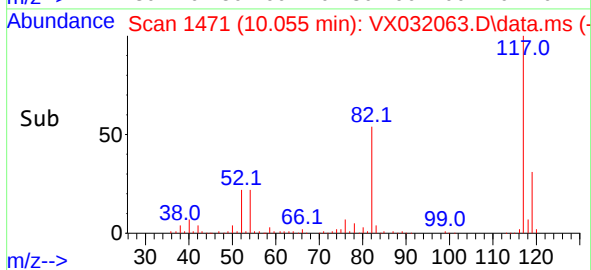
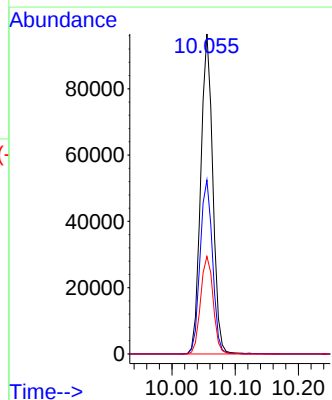
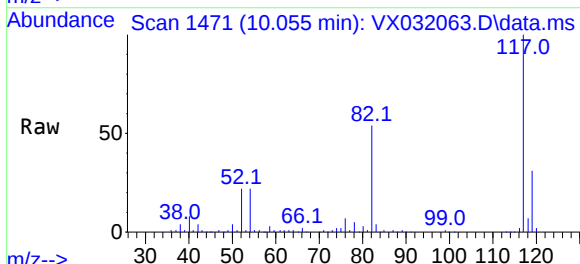
Instrument :
MSVOA_X
ClientSampleId :
B6(22-23)

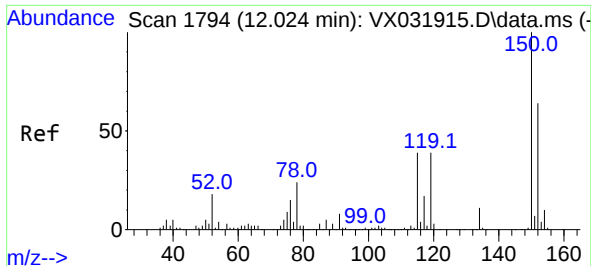
Tgt Ion: 95 Resp: 83514
Ion Ratio Lower Upper
95 100
174 76.0 0.0 153.2
176 75.2 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

Tgt Ion: 117 Resp: 128203
Ion Ratio Lower Upper
117 100
82 54.4 46.8 70.2
119 30.5 26.4 39.6

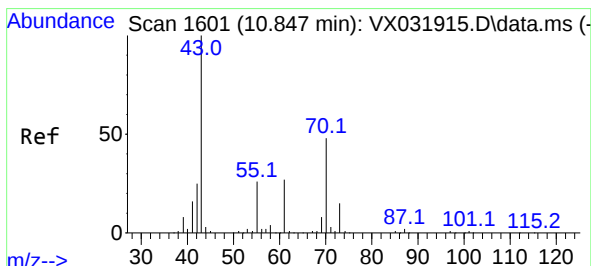
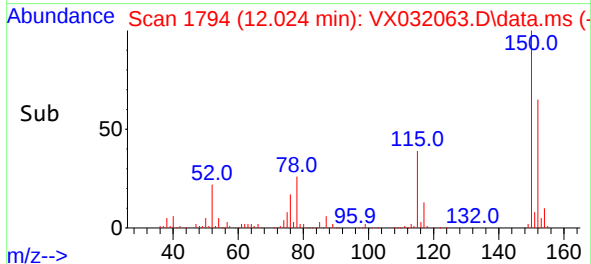
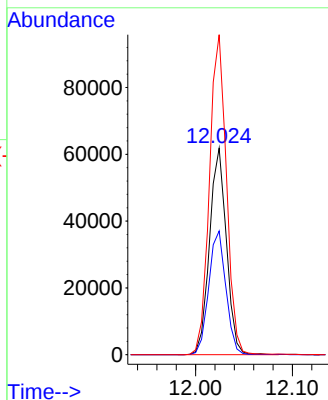
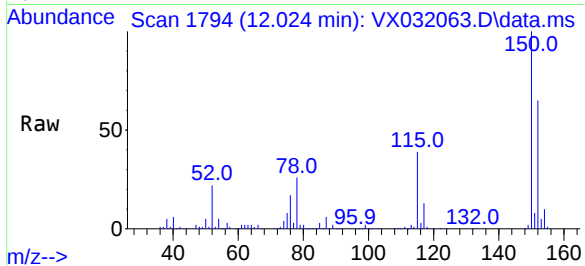




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

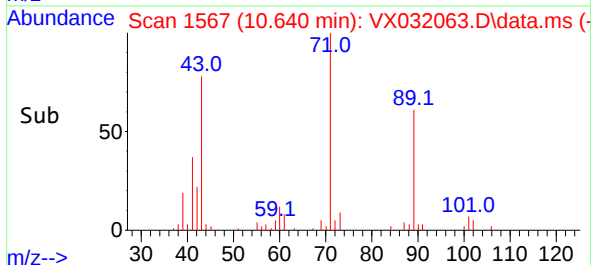
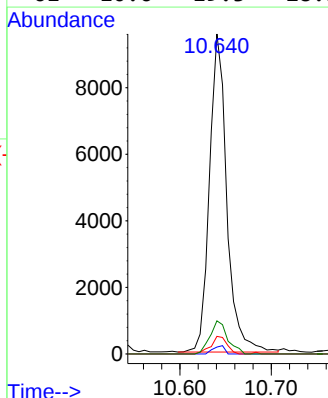
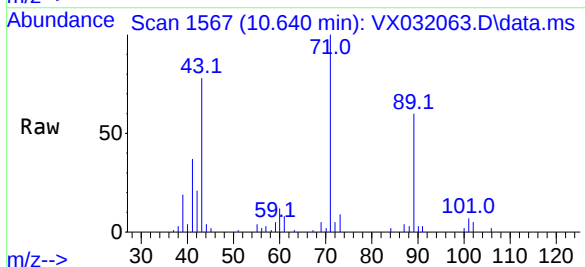
Instrument :
MSVOA_X
ClientSampleId :
B6(22-23)

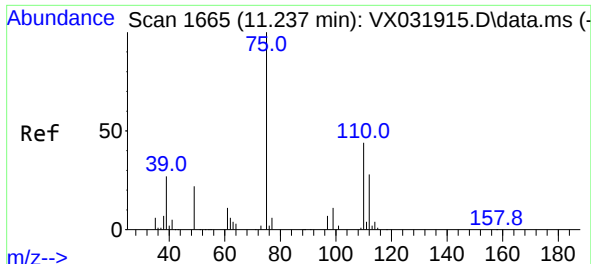
Tgt Ion:152 Resp: 75167
Ion Ratio Lower Upper
152 100
115 60.9 43.4 130.1
150 156.1 0.0 346.8



#74
N-ethyl acetate
Concen: 7.265 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.207 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

Tgt Ion: 43 Resp: 12578
Ion Ratio Lower Upper
43 100
70 1.7 33.4 50.2#
55 5.1 18.2 27.2#
61 10.6 19.3 28.9#

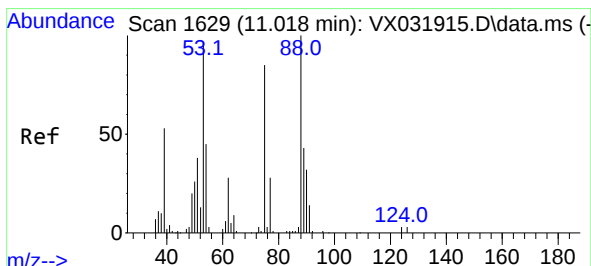
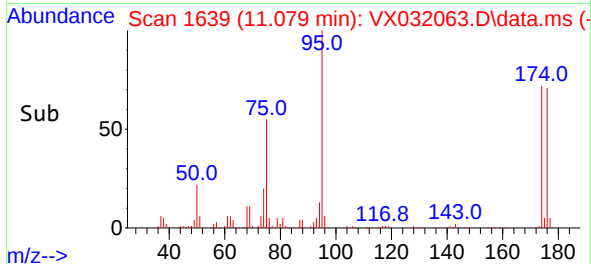
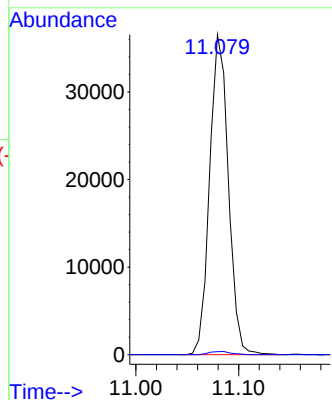
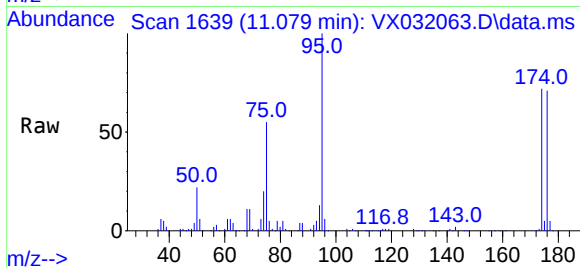




#76
1,2,3-Trichloropropane
Concen: 30.004 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

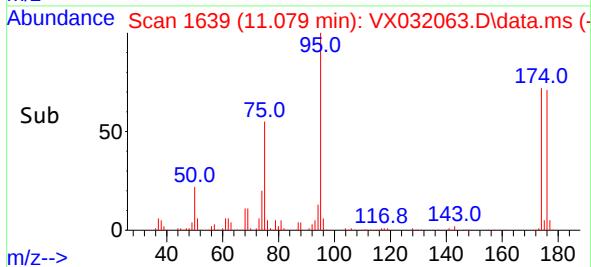
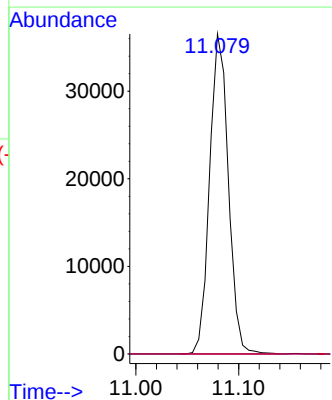
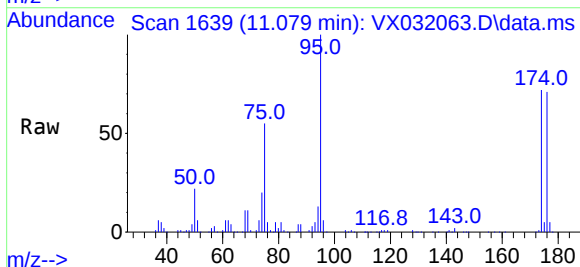
Instrument :
MSVOA_X
ClientSampleId :
B6(22-23)

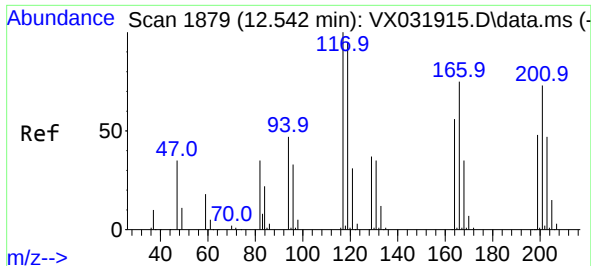
Tgt Ion: 75 Resp: 46223
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.411 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

Tgt Ion: 75 Resp: 46223
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

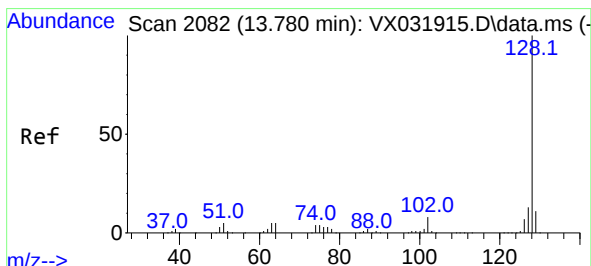
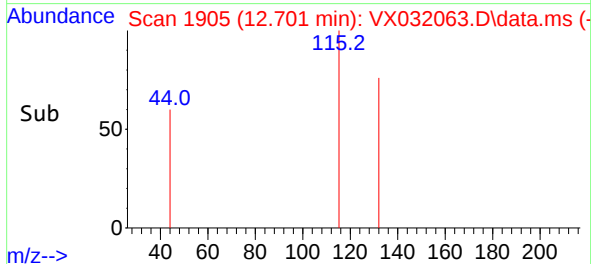
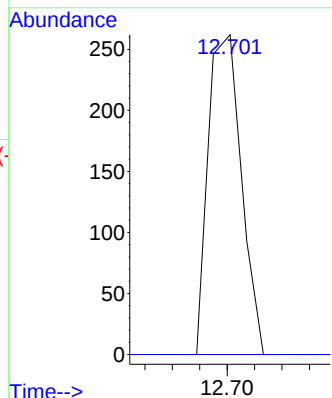
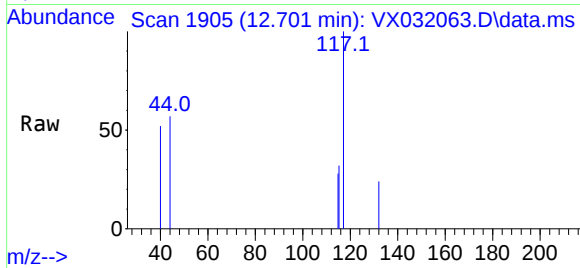




#90
Hexachloroethane
Concen: 1.586 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

Instrument :
MSVOA_X
ClientSampleId :
B6(22-23)

Tgt Ion:117 Resp: 220
Ion Ratio Lower Upper
117 100
201 0.0 34.8 104.4#



#95
Naphthalene
Concen: 24.127 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032063.D
Acq: 12 Oct 2022 05:51

Tgt Ion:128 Resp: 132653
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.8 13.2

