

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028820.D
 Acq On : 19 May 2022 13:13
 Operator : JC/MD
 Sample : N2870-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB-220511

Quant Time: May 20 01:45:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

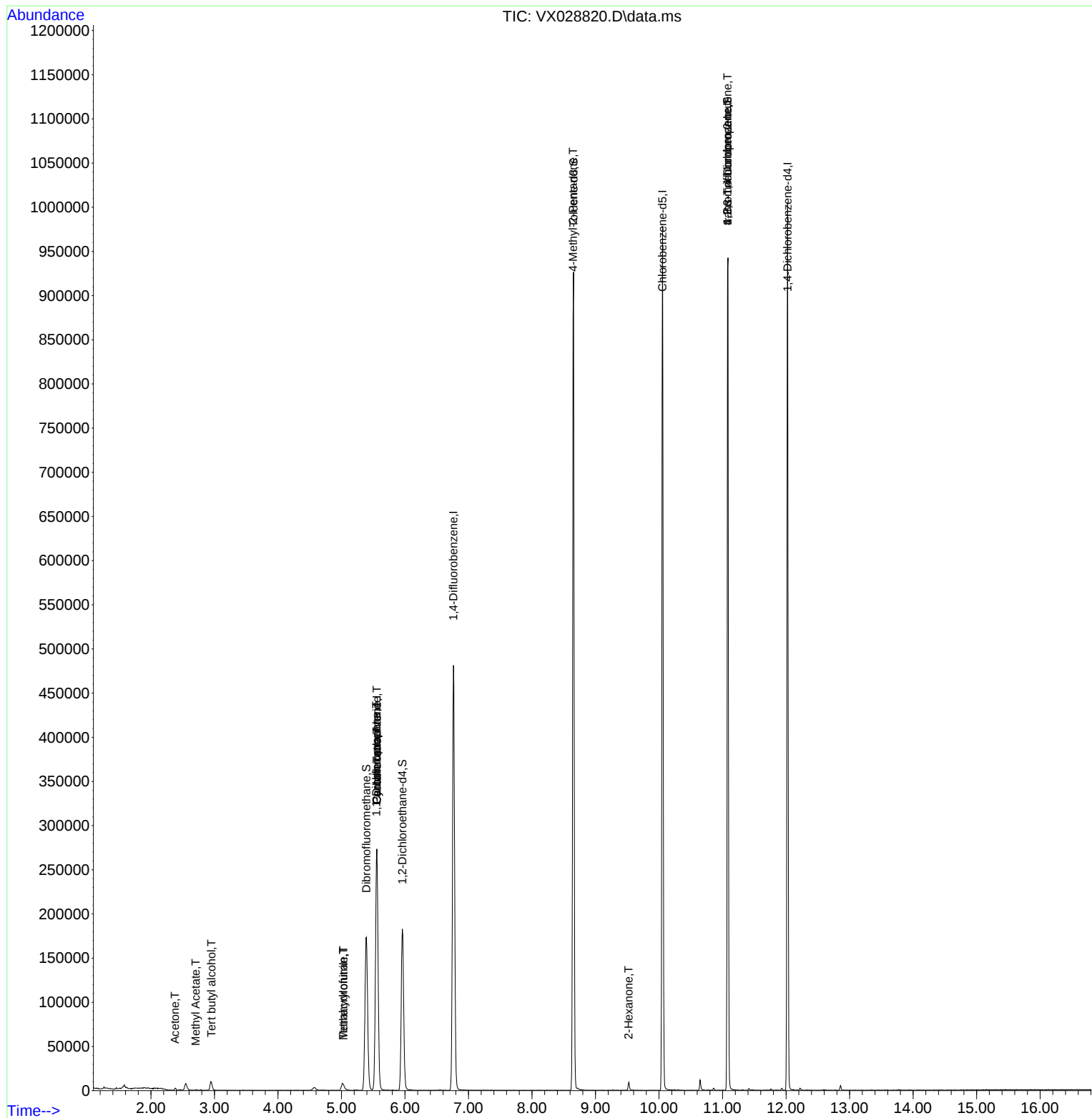
Internal Standards						
1) Pentafluorobenzene	5.556	168	251956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	481069	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	431139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175683	50.868	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.740%			
35) Dibromofluoromethane	5.391	113	151052	47.924	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.840%			
50) Toluene-d8	8.653	98	540817	45.511	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 91.020%			
62) 4-Bromofluorobenzene	11.079	95	252730	56.941	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.880%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	594	Below Cal	#	59
6) Chloroethane	1.678	64	91	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	6269	0.593	ug/l #	72
16) Acetone	2.380	43	2471	1.667	ug/l	93
18) Methyl Acetate	2.703	43	790	0.213	ug/l #	71
29) Tetrahydrofuran	5.025	42	7116	4.705	ug/l	95
31) Cyclohexane	5.556	56	5677	1.184	ug/l #	14
36) 1,1-Dichloropropene	5.550	75	20607	4.353	ug/l #	50
38) Carbon Tetrachloride	5.556	117	26507	5.564	ug/l #	15
41) Methacrylonitrile	5.031	41	4461	1.683	ug/l #	41
51) 4-Methyl-2-Pentanone	8.647	43	2238	0.439	ug/l #	1
59) 2-Hexanone	9.518	43	1313	0.332	ug/l #	38
76) 1,2,3-Trichloropropane	11.079	75	136294	29.697	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	136294	85.605	ug/l #	15

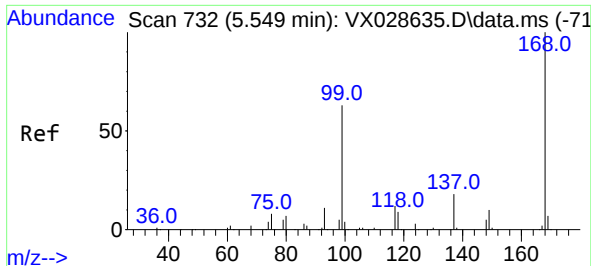
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 20 01:45:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

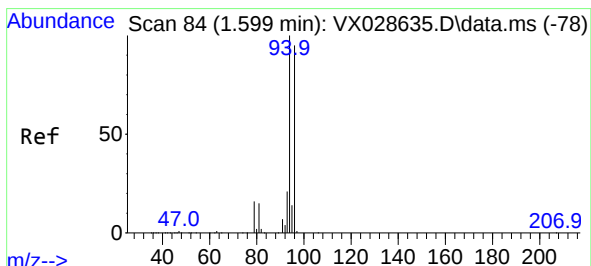
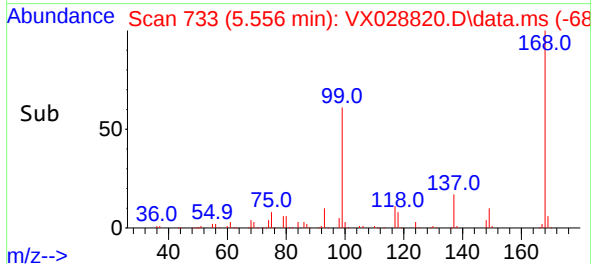
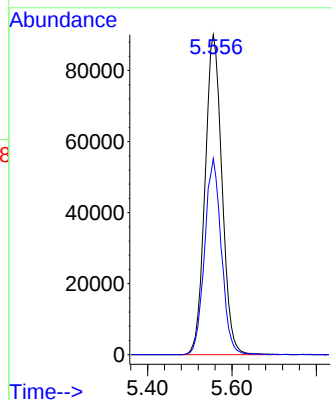
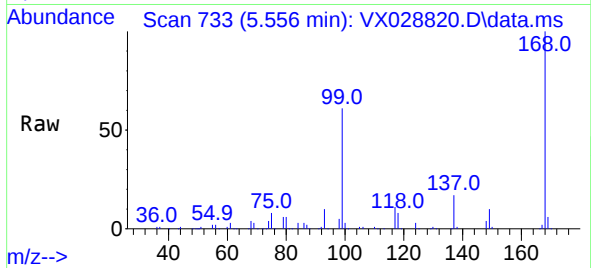




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028820.D
Acq: 19 May 2022 13:13

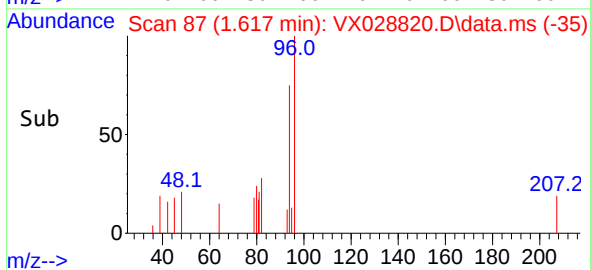
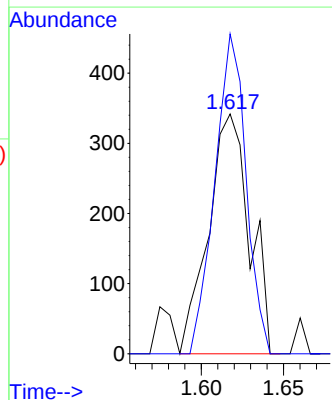
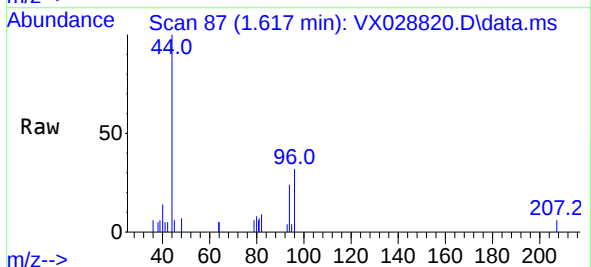
Instrument :
MSVOA_X
ClientSampleId :
RB-220511

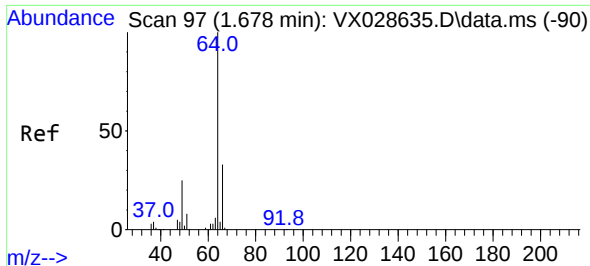
Tgt Ion:168 Resp: 251956
Ion Ratio Lower Upper
168 100
99 61.3 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028820.D
Acq: 19 May 2022 13:13

Tgt Ion: 94 Resp: 594
Ion Ratio Lower Upper
94 100
96 133.3 75.3 112.9#

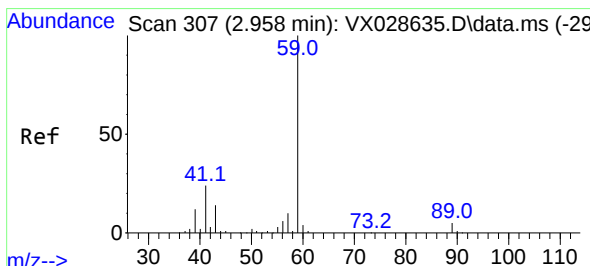
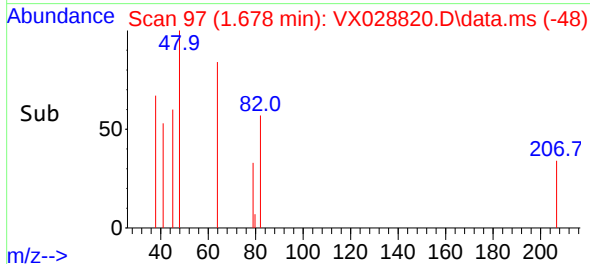
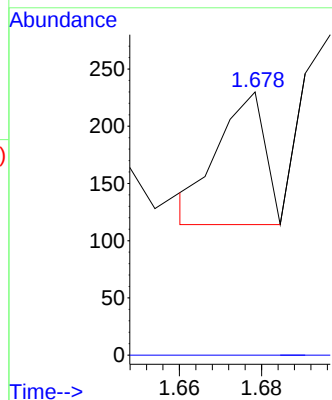
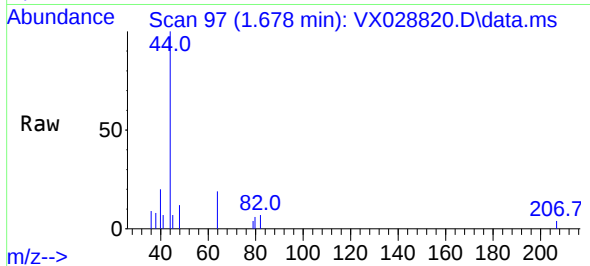




#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028820.D
Acq: 19 May 2022 13:13

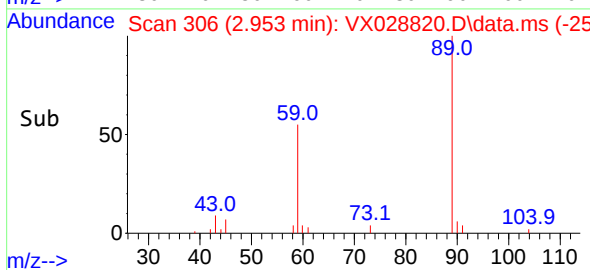
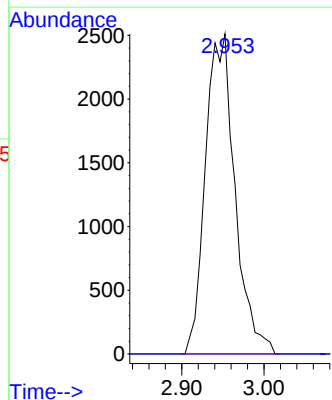
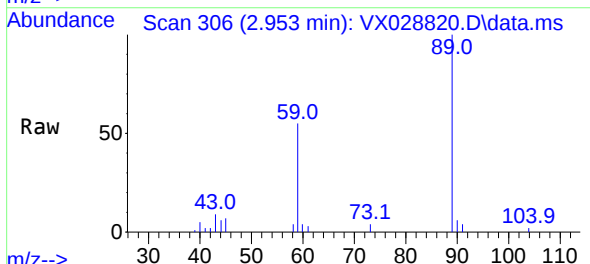
Instrument :
MSVOA_X
ClientSampleId :
RB-220511

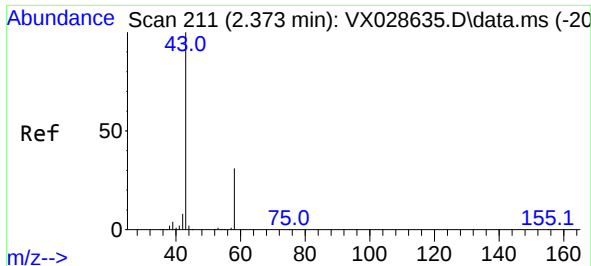
Tgt Ion: 64 Resp: 91
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 0.593 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX028820.D
Acq: 19 May 2022 13:13

Tgt Ion: 59 Resp: 6269
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

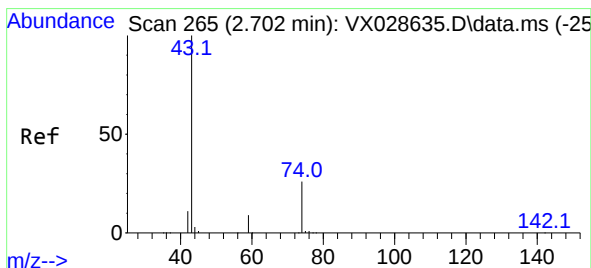
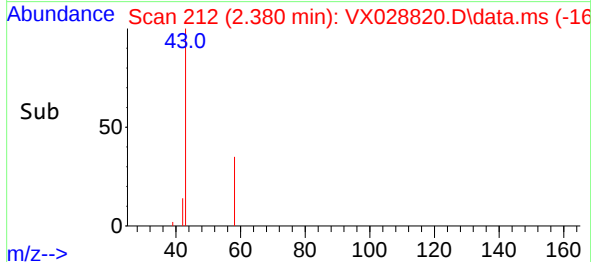
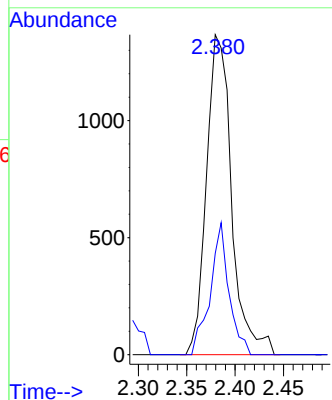
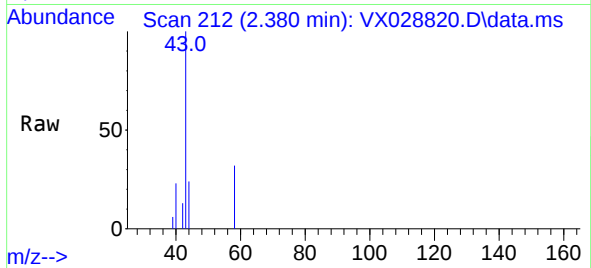




#16
Acetone
Concen: 1.667 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028820.D
Acq: 19 May 2022 13:13

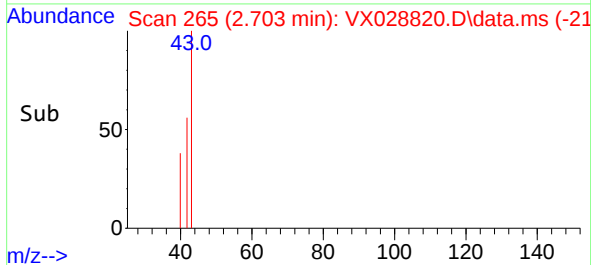
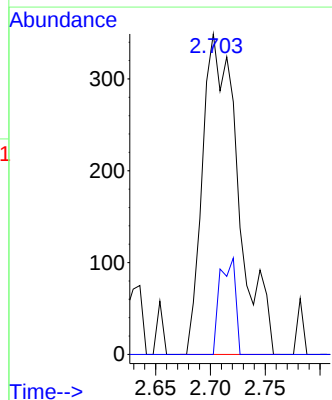
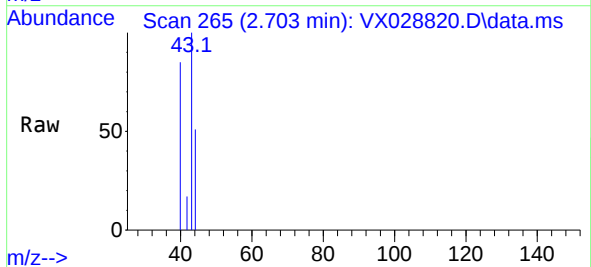
Instrument :
MSVOA_X
ClientSampleId :
RB-220511

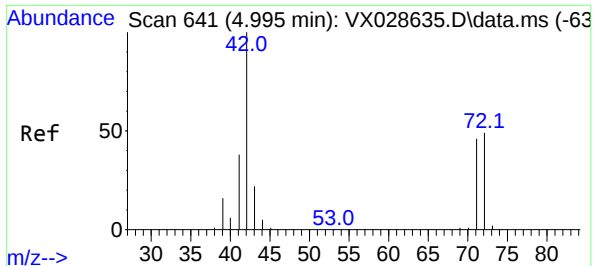
Tgt Ion: 43 Resp: 2471
Ion Ratio Lower Upper
43 100
58 31.7 28.8 43.2



#18
Methyl Acetate
Concen: 0.213 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028820.D
Acq: 19 May 2022 13:13

Tgt Ion: 43 Resp: 790
Ion Ratio Lower Upper
43 100
74 13.2 22.8 34.2#





#29

Tetrahydrofuran

Concen: 4.705 ug/l

RT: 5.025 min Scan# 641

Delta R.T. 0.030 min

Lab File: VX028820.D

Acq: 19 May 2022 13:13

Instrument :

MSVOA_X

ClientSampleId :

RB-220511

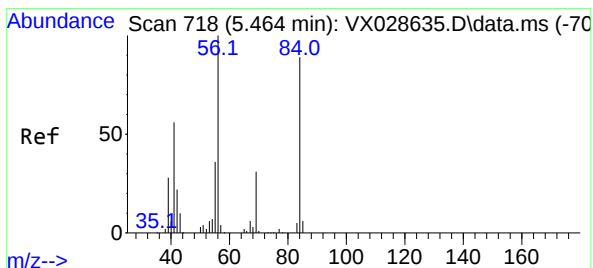
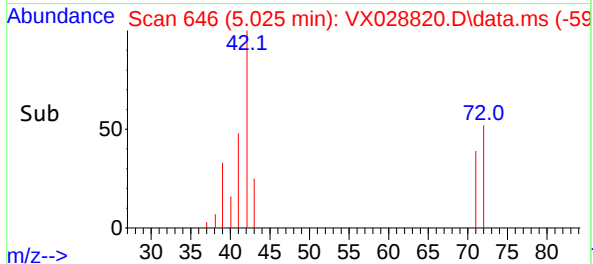
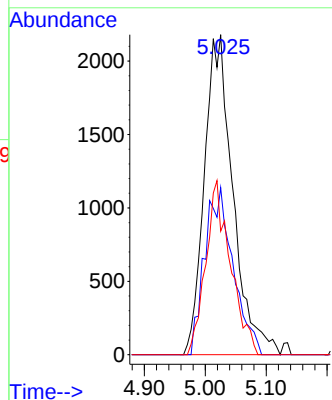
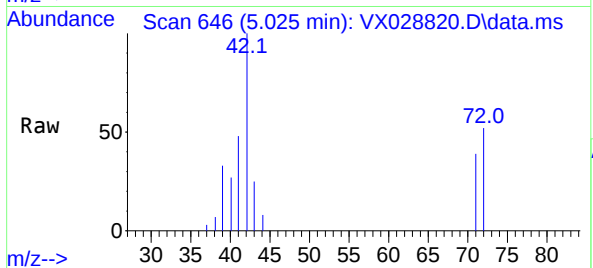
Tgt Ion: 42 Resp: 7116

Ion Ratio Lower Upper

42 100

72 51.7 44.1 66.1

71 47.1 40.5 60.7



#31

Cyclohexane

Concen: 1.184 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.092 min

Lab File: VX028820.D

Acq: 19 May 2022 13:13

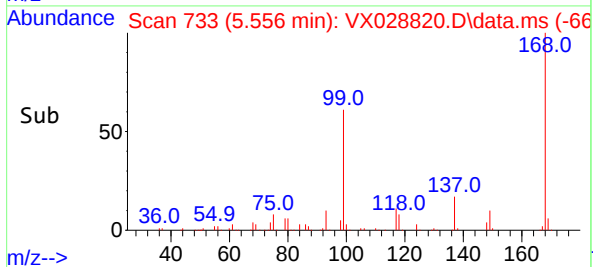
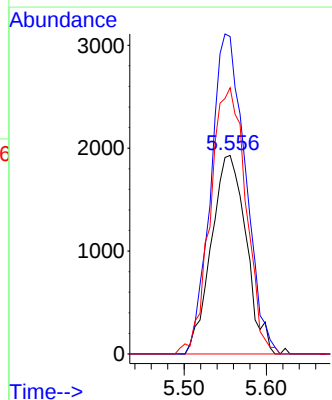
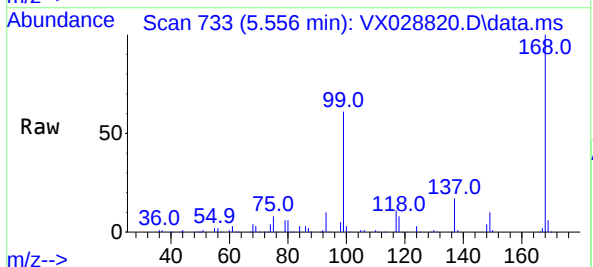
Tgt Ion: 56 Resp: 5677

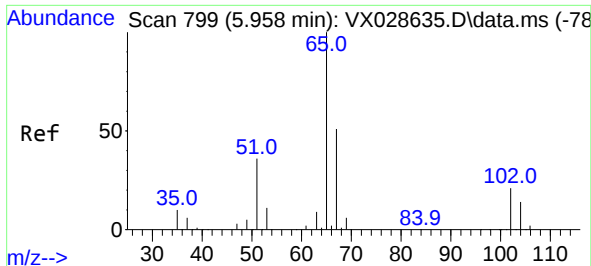
Ion Ratio Lower Upper

56 100

69 159.8 26.7 40.1#

84 134.1 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 50.868 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028820.D

Acq: 19 May 2022 13:13

Instrument :

MSVOA_X

ClientSampleId :

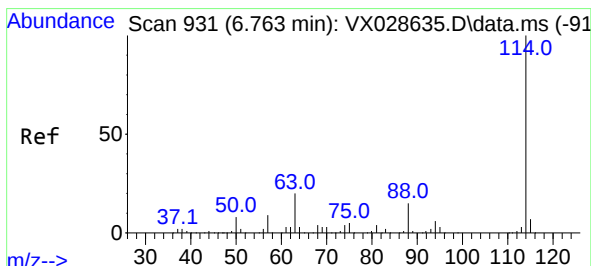
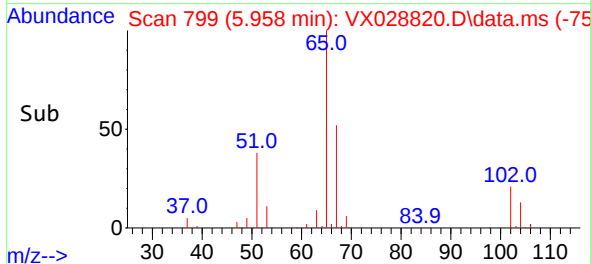
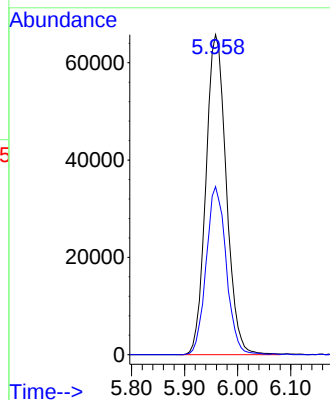
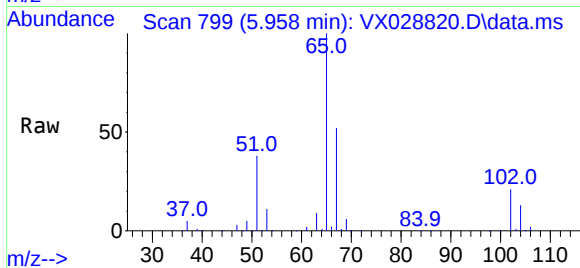
RB-220511

Tgt Ion: 65 Resp: 175683

Ion Ratio Lower Upper

65 100

67 51.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028820.D

Acq: 19 May 2022 13:13

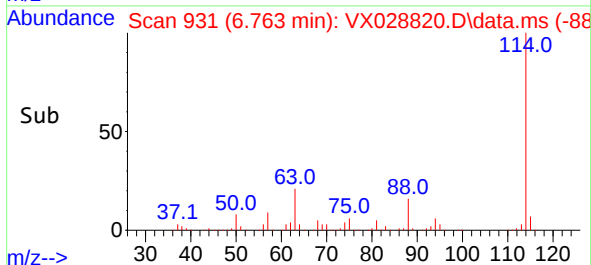
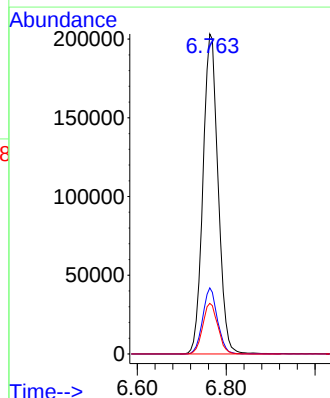
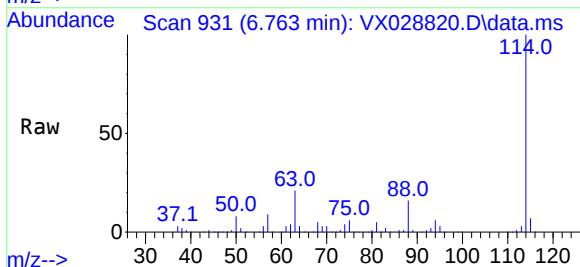
Tgt Ion: 114 Resp: 481069

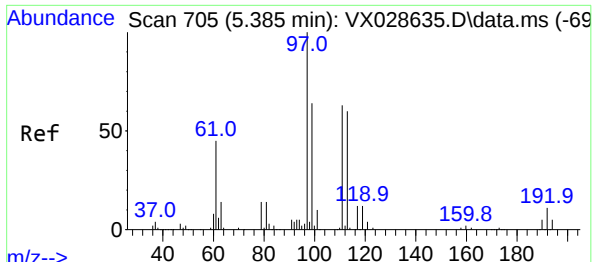
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.8

88 15.8 0.0 32.4

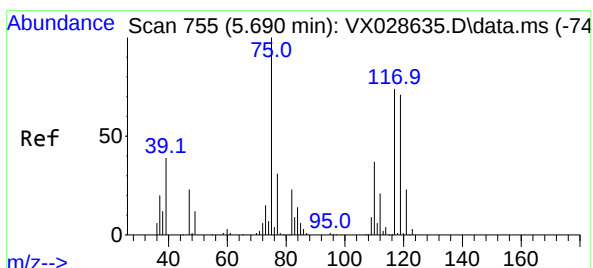
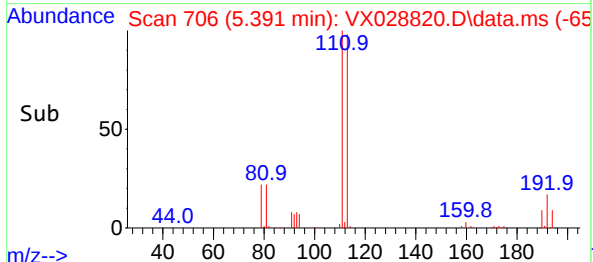
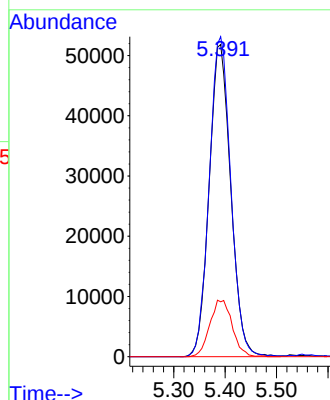
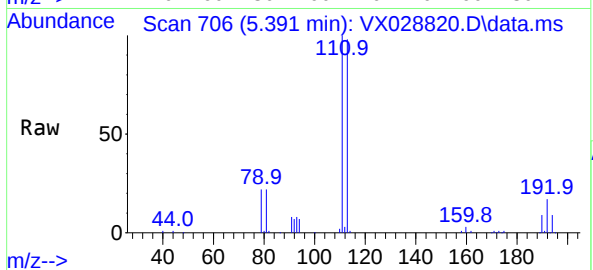




#35
Dibromofluoromethane
Concen: 47.924 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028820.D
Acq: 19 May 2022 13:13

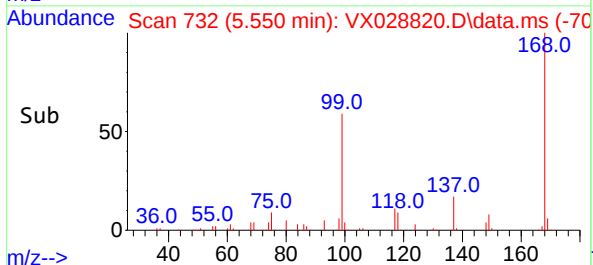
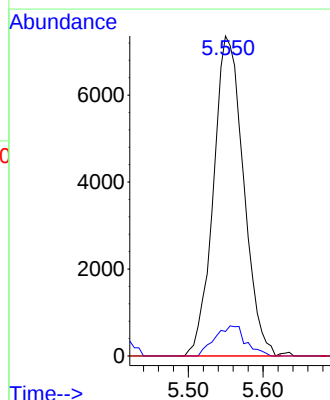
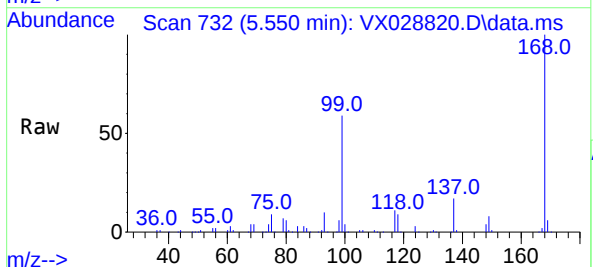
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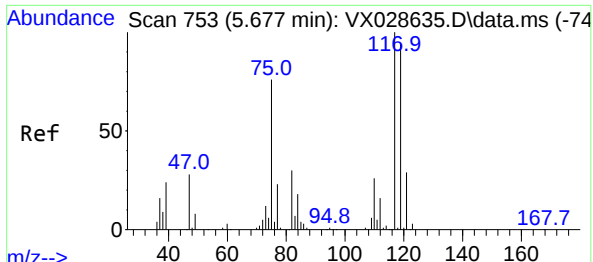
Tgt Ion:113 Resp: 151052
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 18.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.353 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX028820.D
Acq: 19 May 2022 13:13

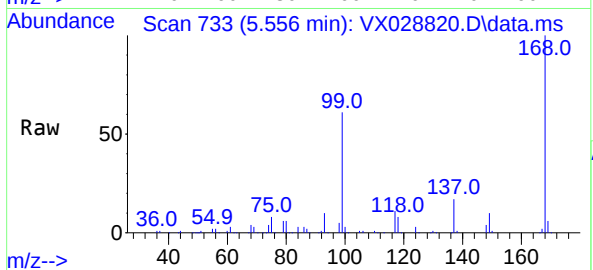
Tgt Ion: 75 Resp: 20607
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



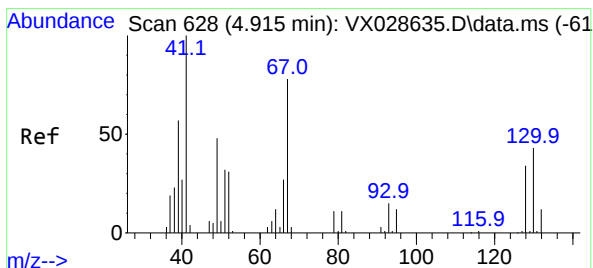
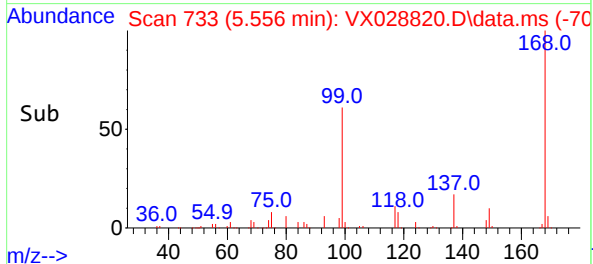
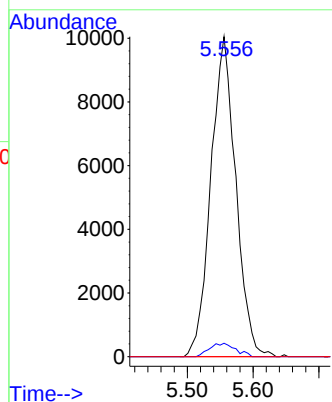


#38
Carbon Tetrachloride
Concen: 5.564 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028820.D
Acq: 19 May 2022 13:13

Instrument :
MSVOA_X
ClientSampleId :
RB-220511

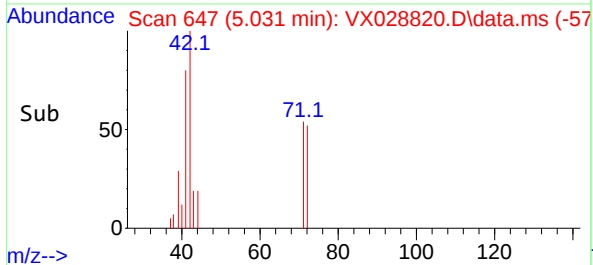
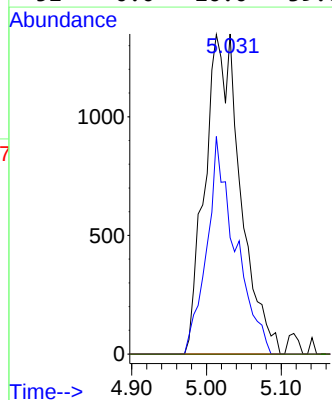
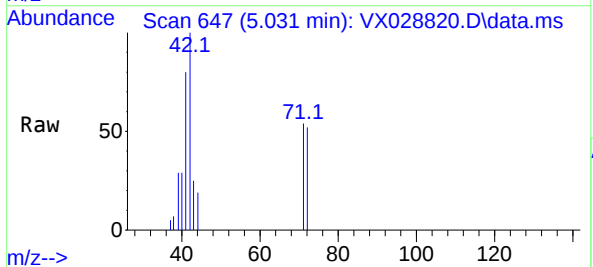


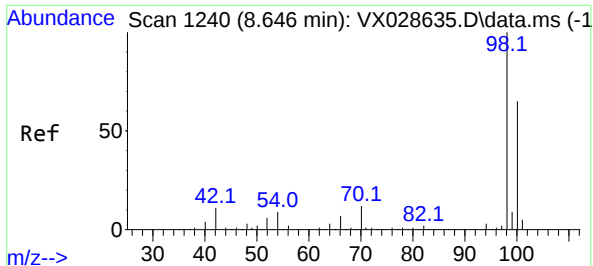
Tgt Ion: 117 Resp: 26507
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 1.683 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.116 min
Lab File: VX028820.D
Acq: 19 May 2022 13:13

Tgt Ion: 41 Resp: 4461
Ion Ratio Lower Upper
41 100
39 54.4 43.0 64.4
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#





#50

Toluene-d8

Concen: 45.511 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX028820.D

Acq: 19 May 2022 13:13

Instrument :

MSVOA_X

ClientSampleId :

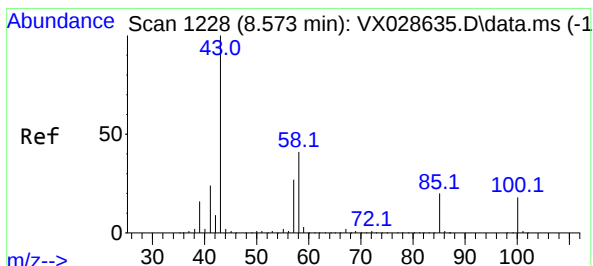
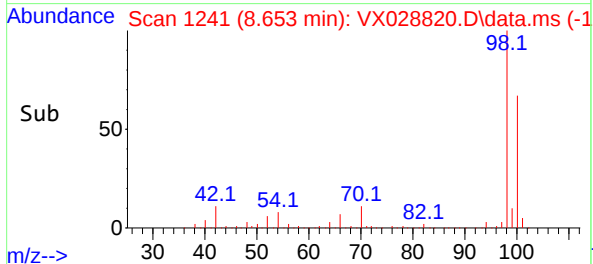
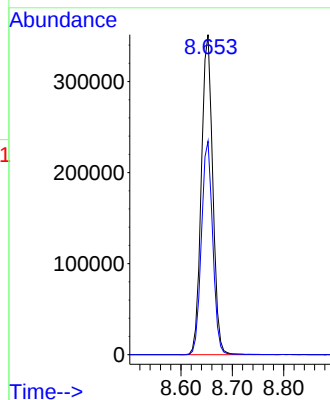
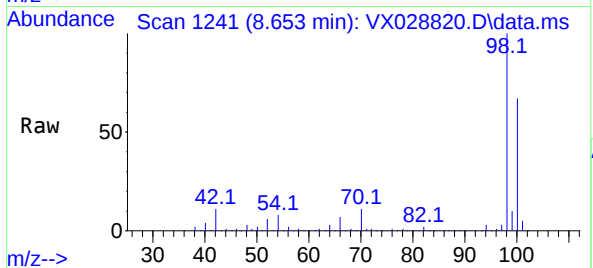
RB-220511

Tgt Ion: 98 Resp: 540817

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.439 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX028820.D

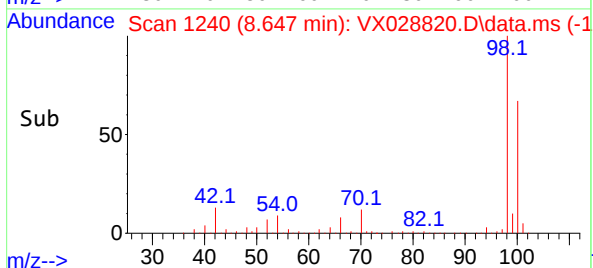
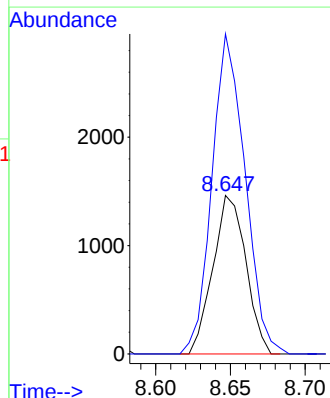
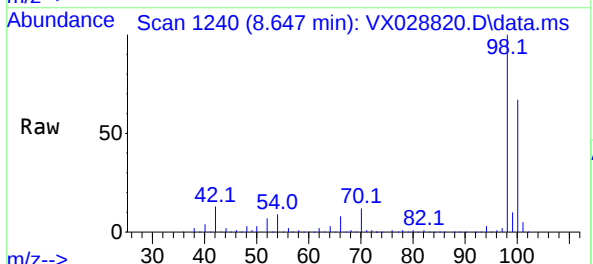
Acq: 19 May 2022 13:13

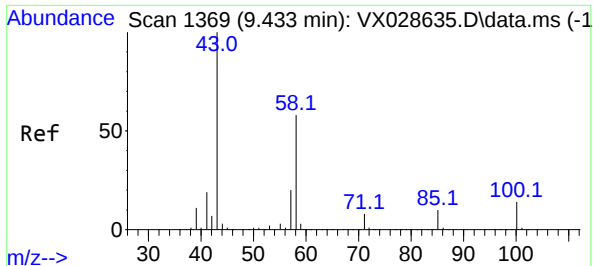
Tgt Ion: 43 Resp: 2238

Ion Ratio Lower Upper

43 100

58 202.8 36.1 54.1#

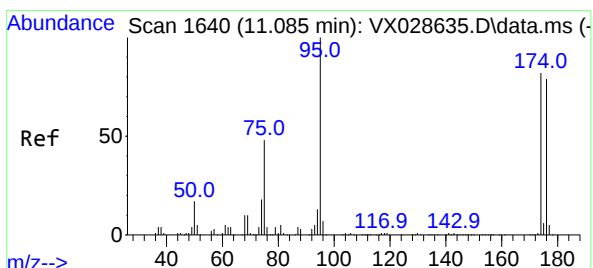
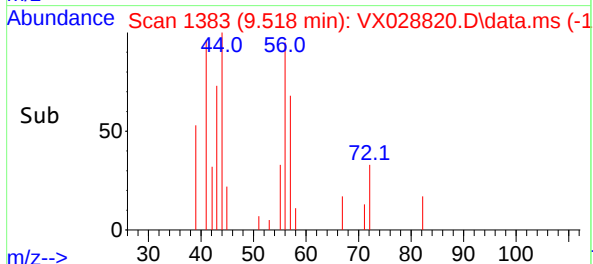
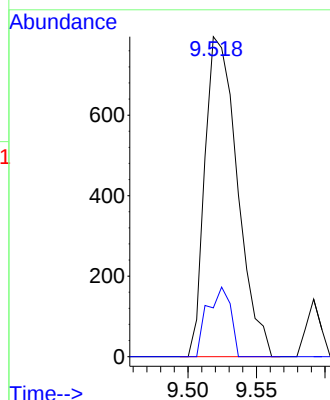
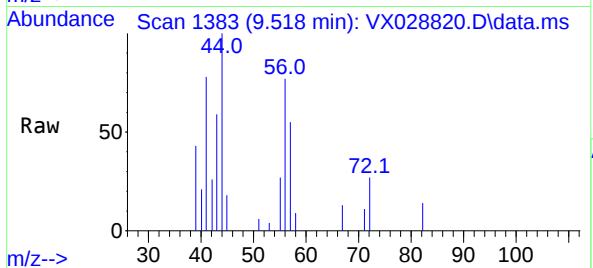




#59
2-Hexanone
Concen: 0.332 ug/l
RT: 9.518 min Scan# 11
Delta R.T. 0.085 min
Lab File: VX028820.D
Acq: 19 May 2022 13:13

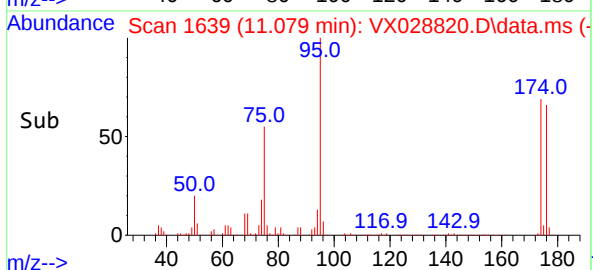
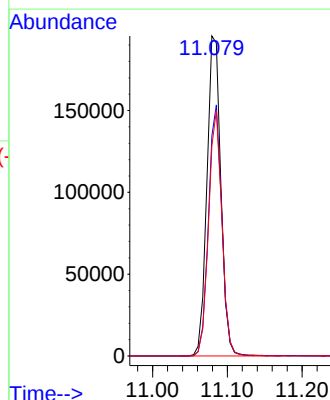
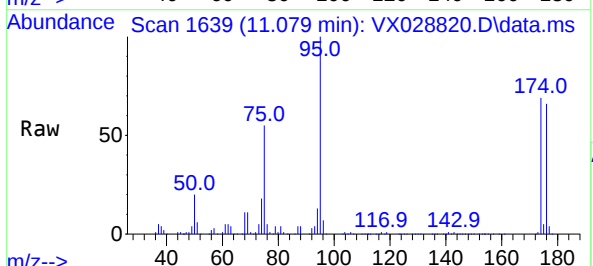
Instrument :
MSVOA_X
ClientSampleId :
RB-220511

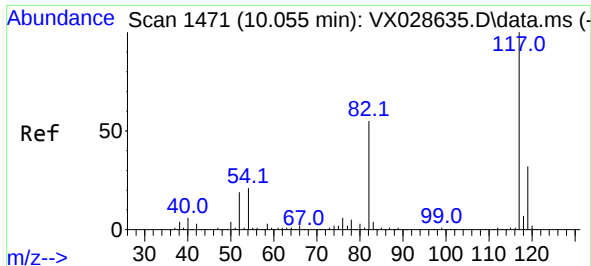
Tgt Ion: 43 Resp: 1313
Ion Ratio Lower Upper
43 100
58 15.4 31.9 95.7#



#62
4-Bromofluorobenzene
Concen: 56.941 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028820.D
Acq: 19 May 2022 13:13

Tgt Ion: 95 Resp: 252730
Ion Ratio Lower Upper
95 100
174 75.1 0.0 163.0
176 73.3 0.0 155.0

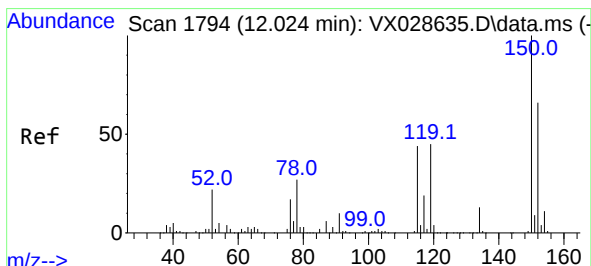
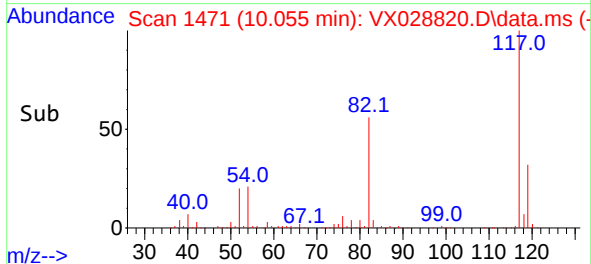
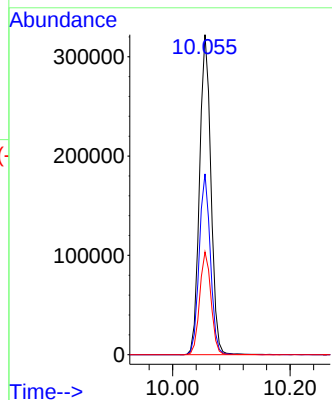
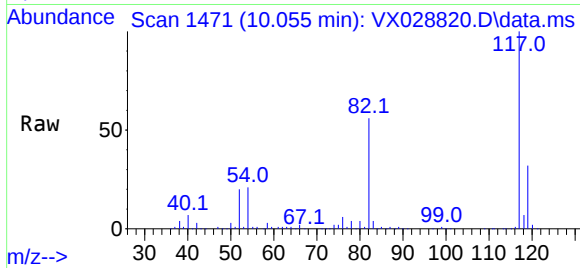




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028820.D
Acq: 19 May 2022 13:13

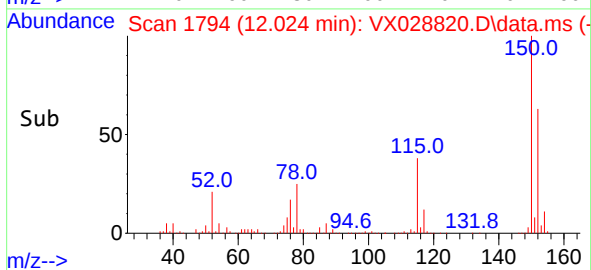
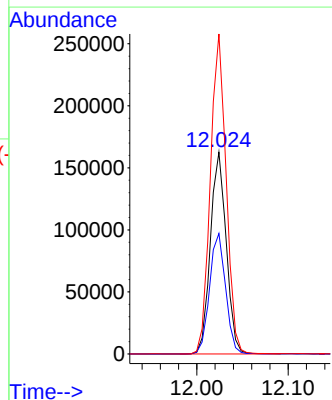
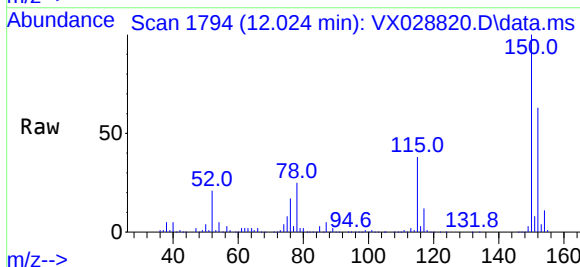
Instrument :
MSVOA_X
ClientSampleId :
RB-220511

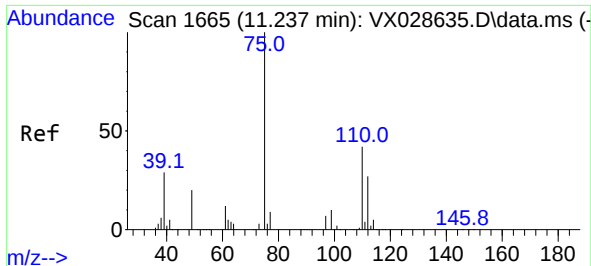
Tgt Ion:117 Resp: 431139
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 32.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028820.D
Acq: 19 May 2022 13:13

Tgt Ion:152 Resp: 195975
Ion Ratio Lower Upper
152 100
115 60.3 37.5 112.7
150 157.6 0.0 338.2

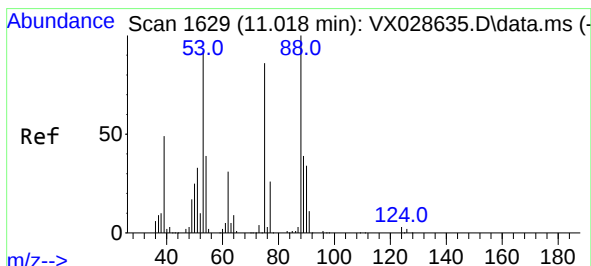
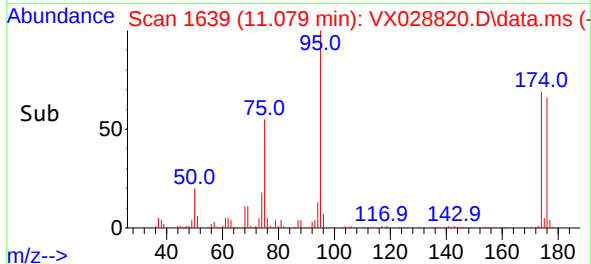
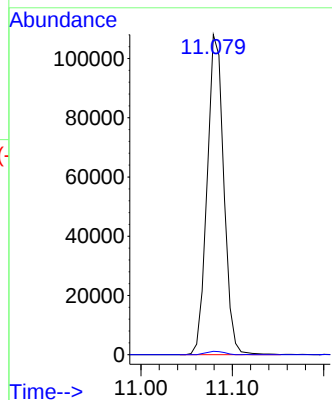
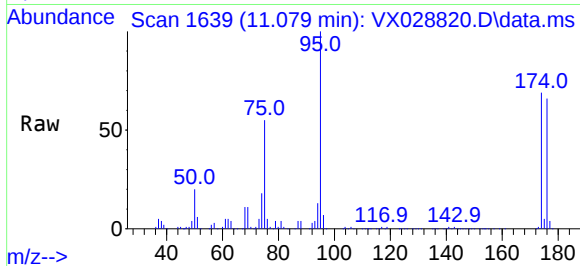




#76
1,2,3-Trichloropropane
Concen: 29.697 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028820.D
Acq: 19 May 2022 13:13

Instrument :
MSVOA_X
ClientSampleId :
RB-220511

Tgt Ion: 75 Resp: 136294
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.605 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028820.D
Acq: 19 May 2022 13:13

Tgt Ion: 75 Resp: 136294
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

