

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028827.D
 Acq On : 19 May 2022 15:56
 Operator : JC/MD
 Sample : N2941-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14BR-20220518

Quant Time: May 20 01:48:14 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)

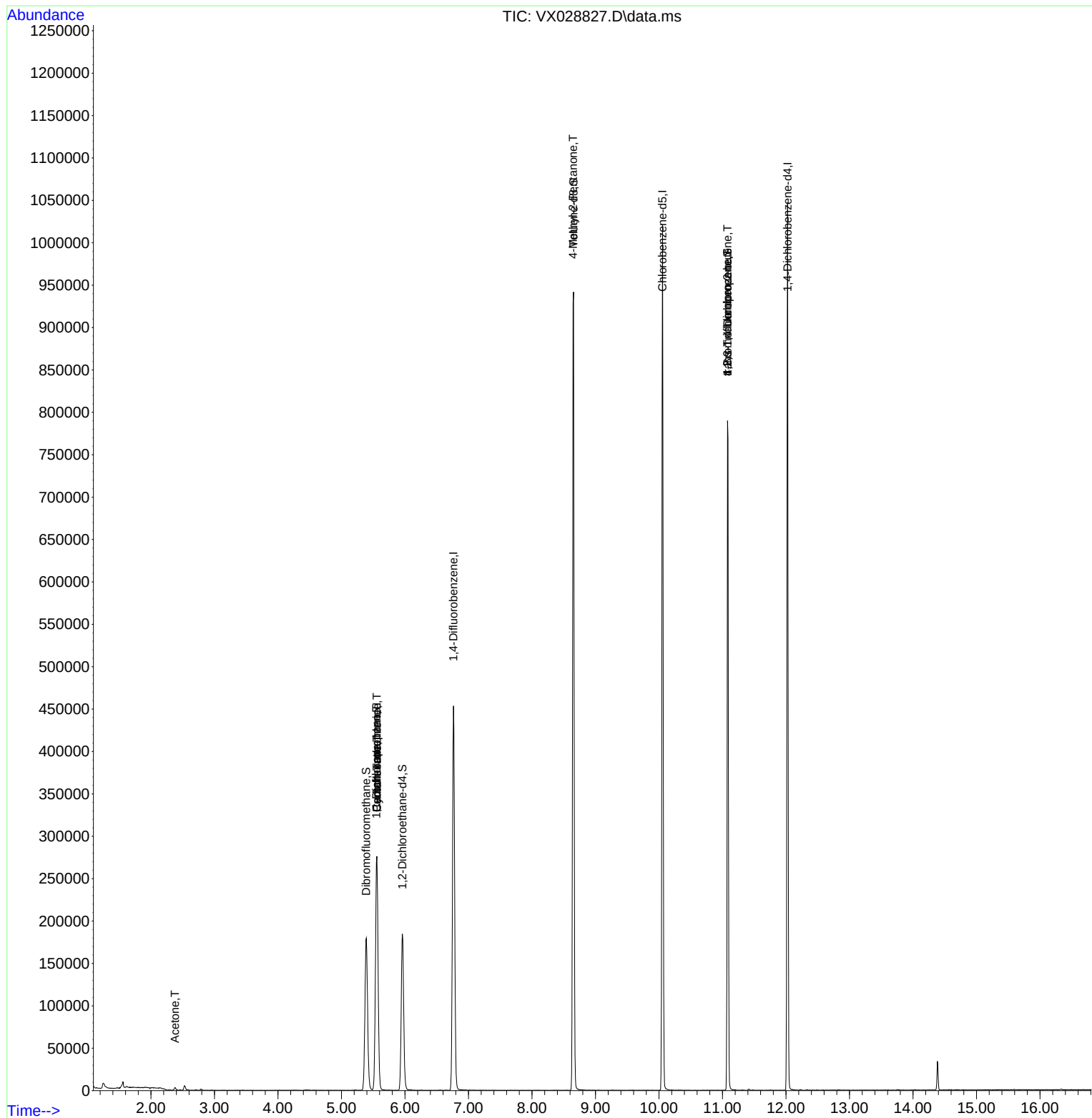
Internal Standards						
1) Pentafluorobenzene	5.556	168	256656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	458940	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	439151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	201055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	179742	51.090	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.180%			
35) Dibromofluoromethane	5.385	113	155550	51.731	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.460%			
50) Toluene-d8	8.653	98	557316	49.161	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.320%			
62) 4-Bromofluorobenzene	11.079	95	205345	48.496	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.000%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	711	Below Cal	#	64
6) Chloroethane	1.666	64	616	Below Cal	#	43
11) Tert butyl alcohol	2.959	59	47	Below Cal	#	72
16) Acetone	2.380	43	3386	2.243	ug/l	98
31) Cyclohexane	5.556	56	5790	1.186	ug/l	# 17
36) 1,1-Dichloropropene	5.550	75	20638	4.570	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	26858	5.909	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	2555	0.526	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	110659	23.502	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	110659	68.555	ug/l	# 15

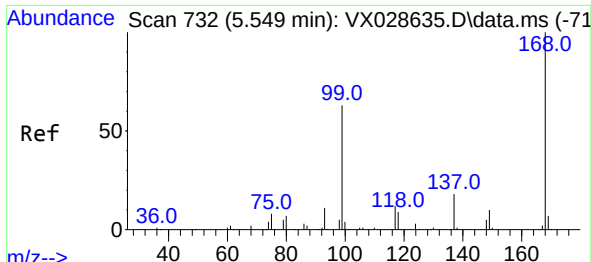
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

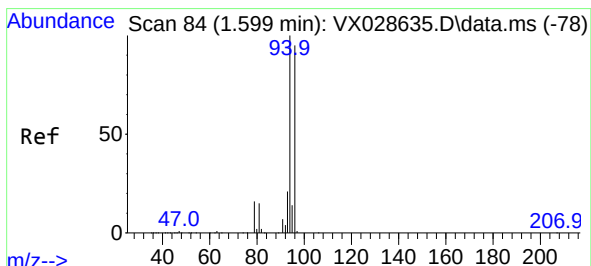
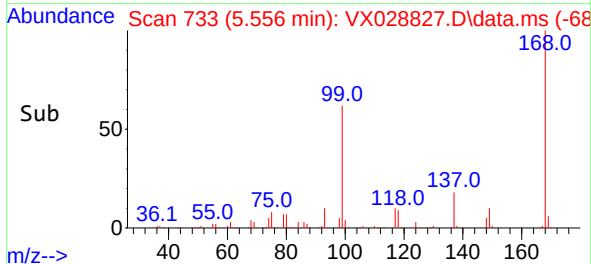
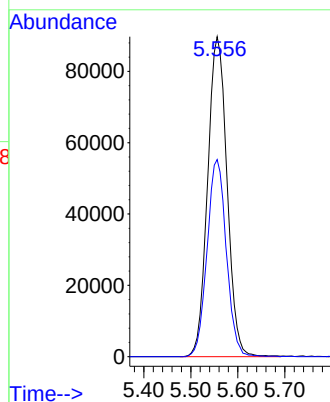
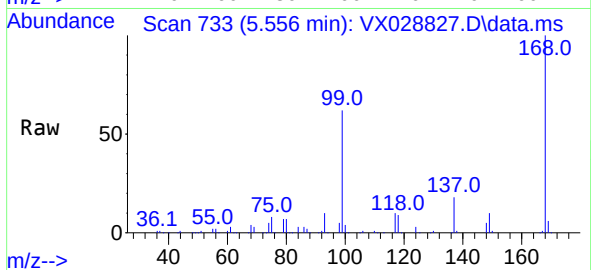




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028827.D
Acq: 19 May 2022 15:56

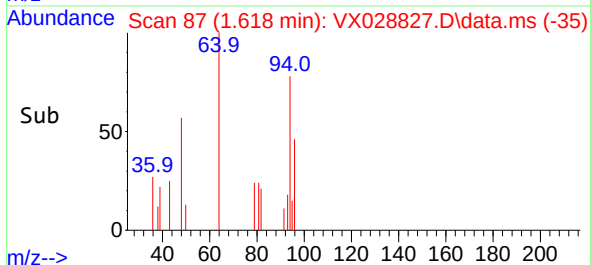
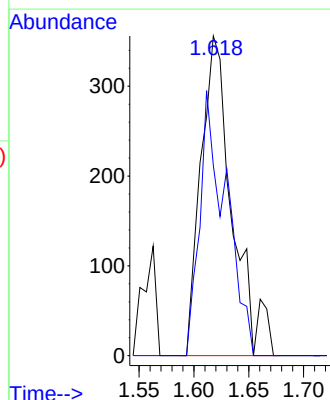
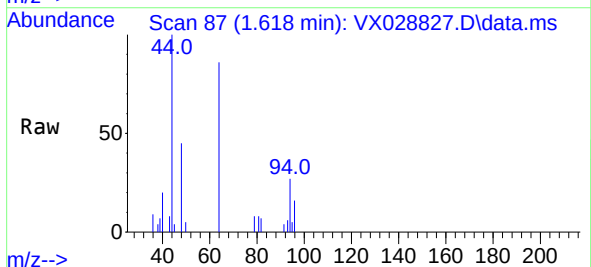
Instrument :
MSVOA_X
ClientSampleId :
14BR-20220518

Tgt Ion:168 Resp: 256656
Ion Ratio Lower Upper
168 100
99 61.6 41.7 62.5

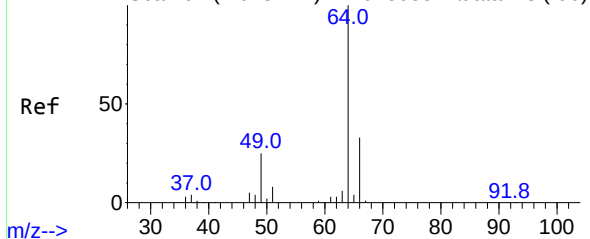


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028827.D
Acq: 19 May 2022 15:56

Tgt Ion: 94 Resp: 711
Ion Ratio Lower Upper
94 100
96 59.6 75.3 112.9#



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)

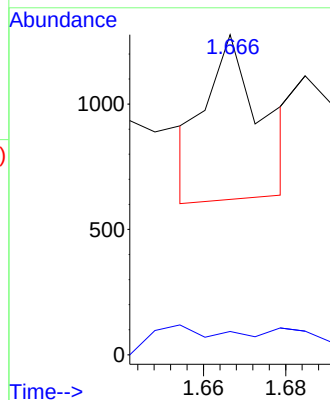
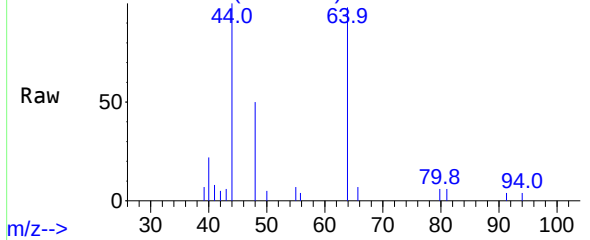


#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX028827.D
Acq: 19 May 2022 15:56

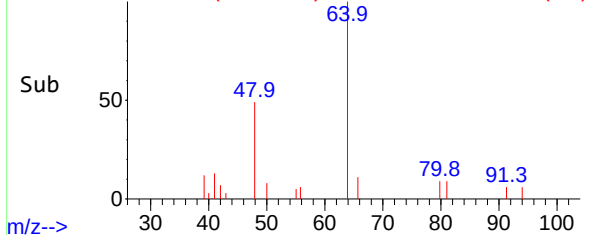
Instrument :
MSVOA_X
ClientSampleId :
14BR-20220518

Tgt Ion: 64 Resp: 616
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

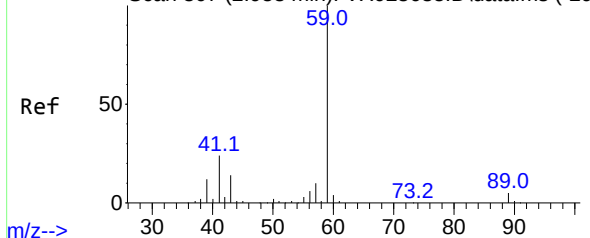
Abundance Scan 95 (1.666 min): VX028827.D\data.ms



Abundance Scan 95 (1.666 min): VX028827.D\data.ms (-48)



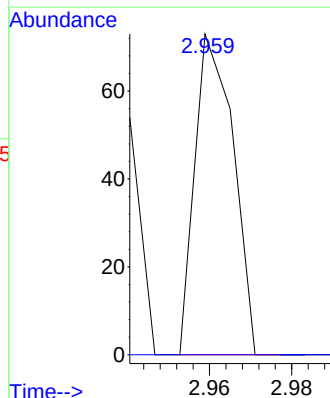
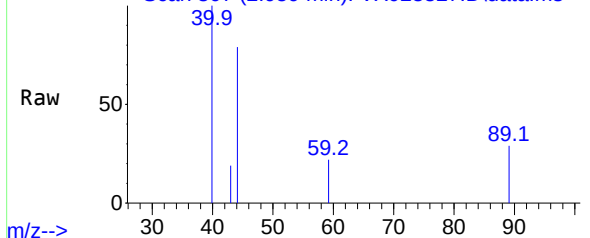
Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



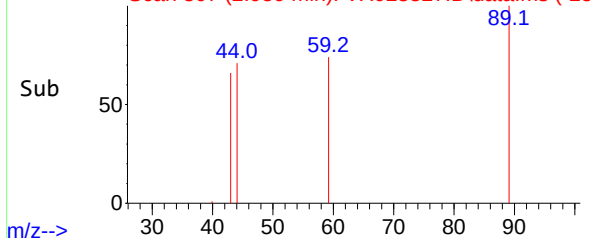
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX028827.D
Acq: 19 May 2022 15:56

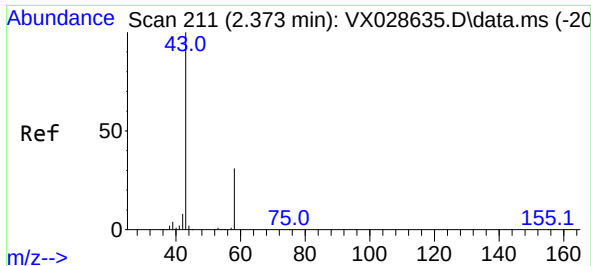
Tgt Ion: 59 Resp: 47
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

Abundance Scan 307 (2.959 min): VX028827.D\data.ms



Abundance Scan 307 (2.959 min): VX028827.D\data.ms (-25)

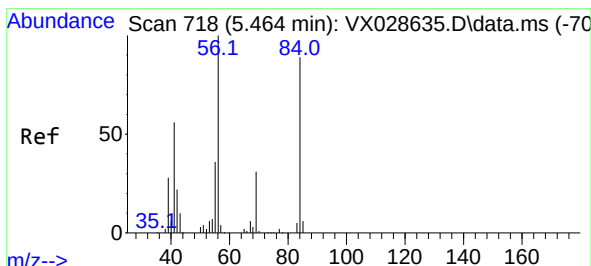
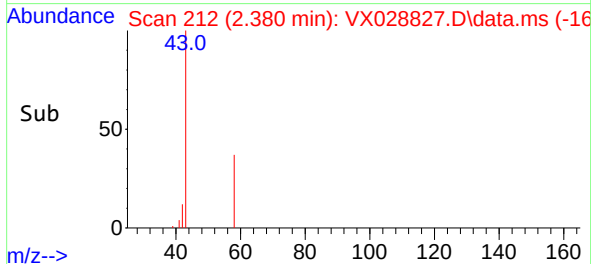
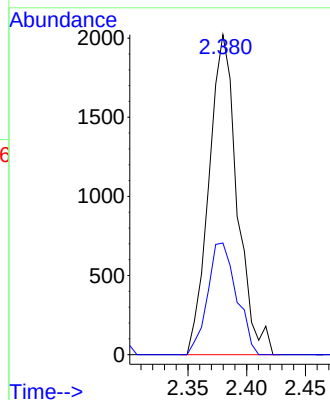
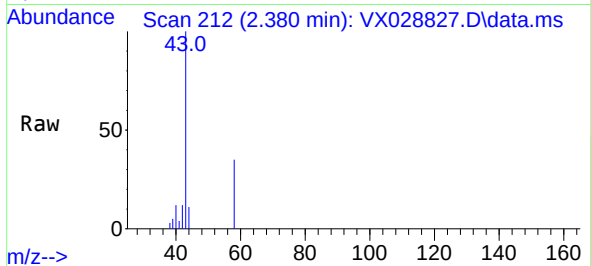




#16
Acetone
Concen: 2.243 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028827.D
Acq: 19 May 2022 15:56

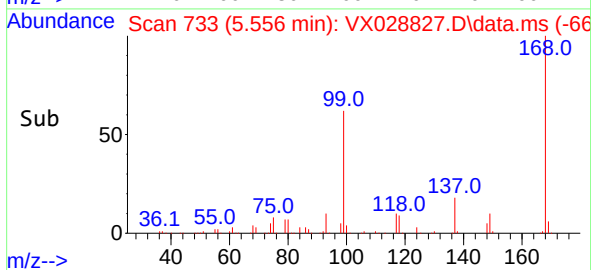
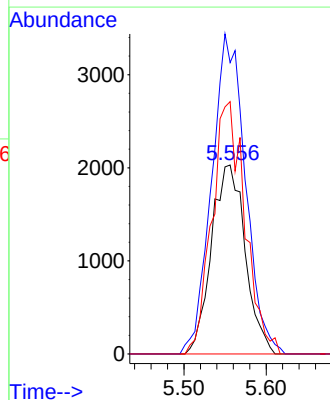
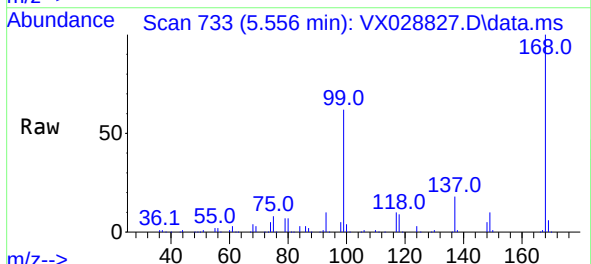
Instrument :
MSVOA_X
ClientSampleId :
14BR-20220518

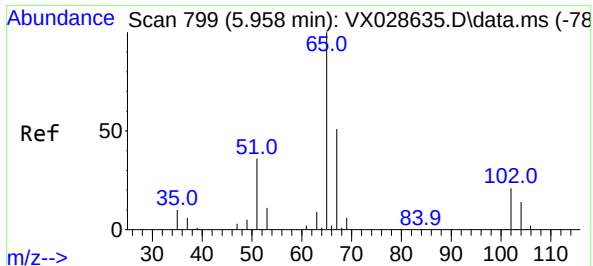
Tgt Ion: 43 Resp: 3386
Ion Ratio Lower Upper
43 100
58 34.9 28.8 43.2



#31
Cyclohexane
Concen: 1.186 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX028827.D
Acq: 19 May 2022 15:56

Tgt Ion: 56 Resp: 5790
Ion Ratio Lower Upper
56 100
69 154.2 26.7 40.1#
84 133.5 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 51.090 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028827.D

Acq: 19 May 2022 15:56

Instrument :

MSVOA_X

ClientSampleId :

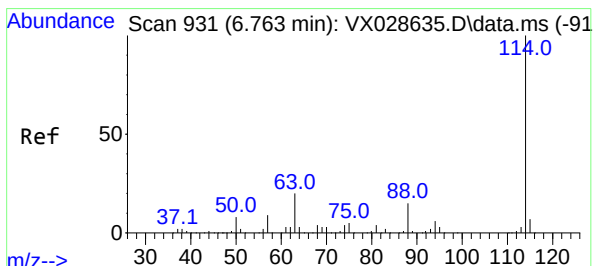
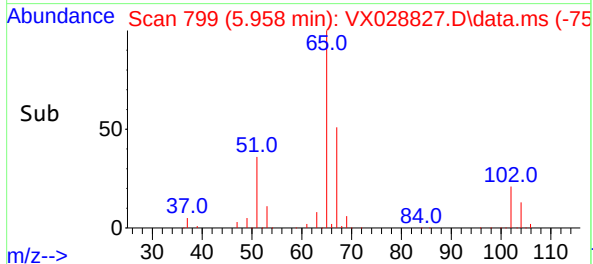
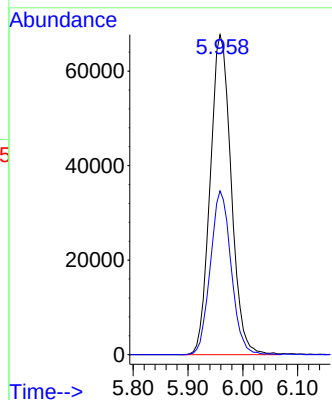
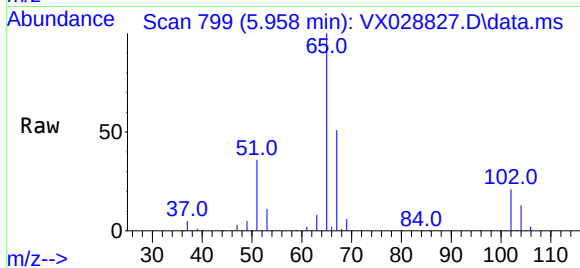
14BR-20220518

Tgt Ion: 65 Resp: 179742

Ion Ratio Lower Upper

65 100

67 50.7 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: VX028827.D

Acq: 19 May 2022 15:56

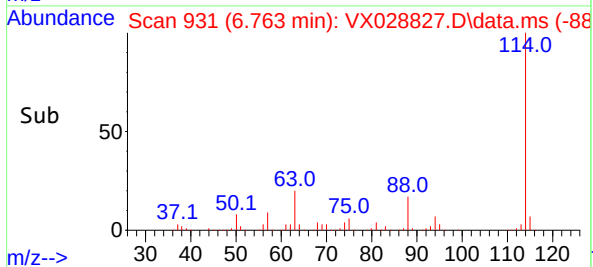
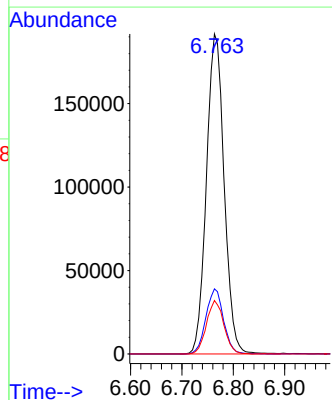
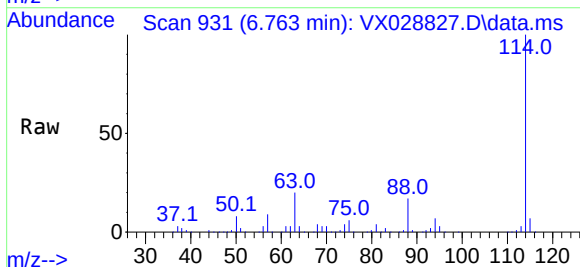
Tgt Ion: 114 Resp: 458940

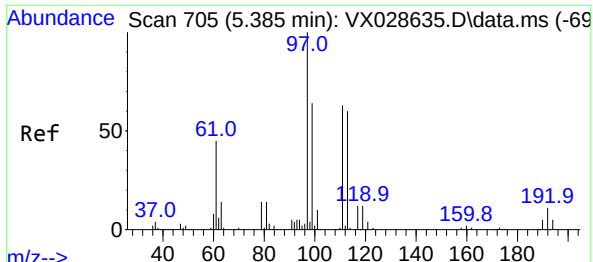
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.8

88 16.7 0.0 32.4

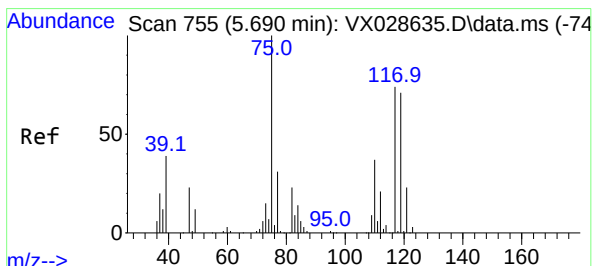
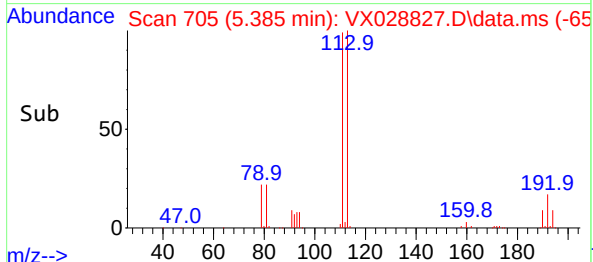
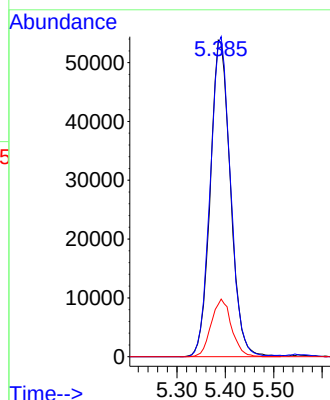
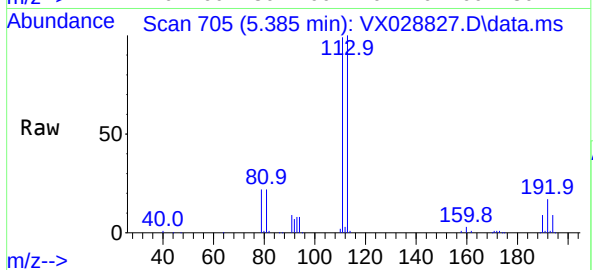




#35
Dibromofluoromethane
Concen: 51.731 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028827.D
Acq: 19 May 2022 15:56

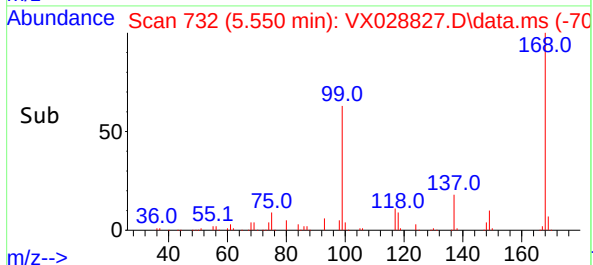
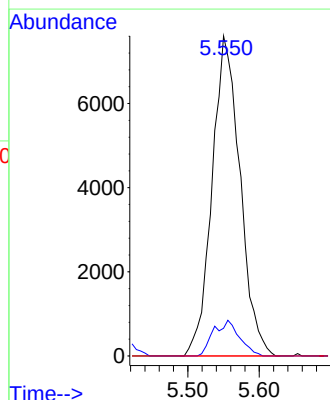
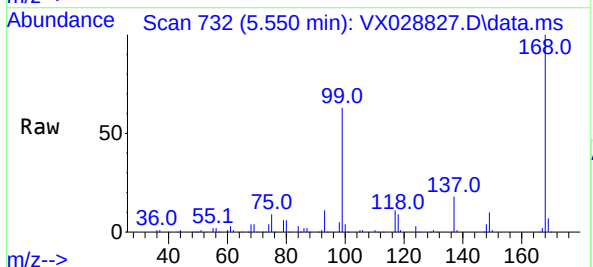
Instrument :
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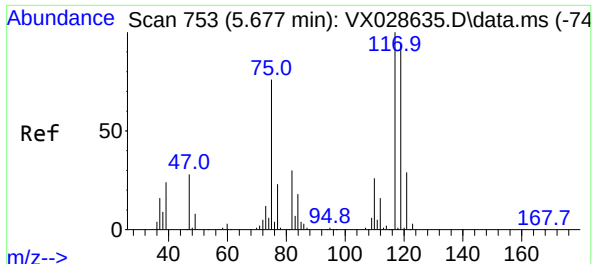
Tgt Ion:113 Resp: 155550
Ion Ratio Lower Upper
113 100
111 101.1 82.8 124.2
192 18.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.570 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX028827.D
Acq: 19 May 2022 15:56

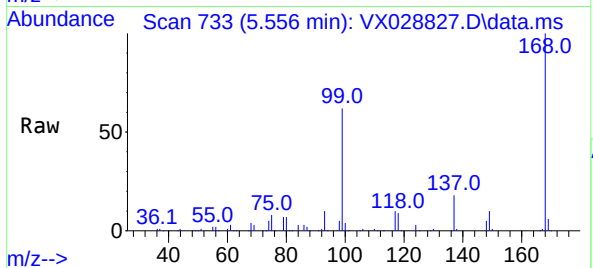
Tgt Ion: 75 Resp: 20638
Ion Ratio Lower Upper
75 100
110 10.4 18.3 54.8#
77 0.0 24.8 37.2#



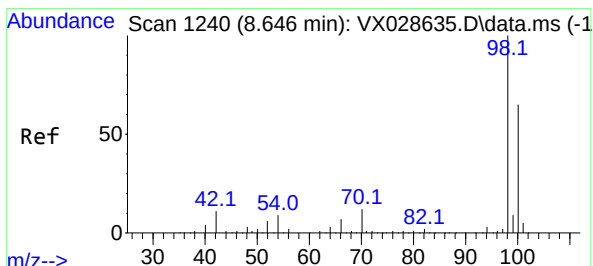
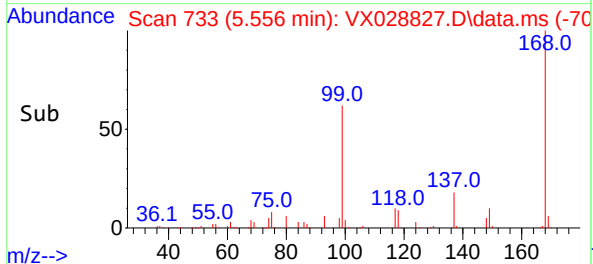
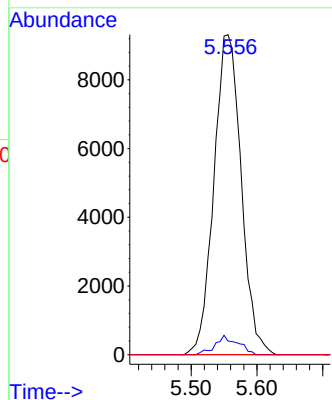


#38
Carbon Tetrachloride
Concen: 5.909 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028827.D
Acq: 19 May 2022 15:56

Instrument :
MSVOA_X
ClientSampleId :
14BR-20220518

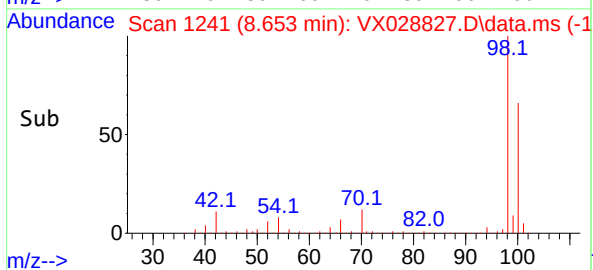
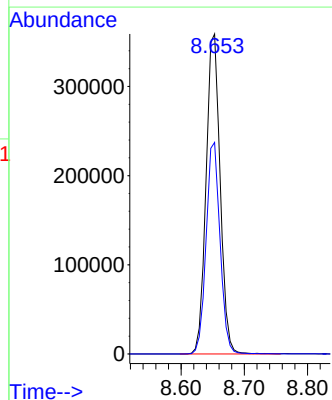
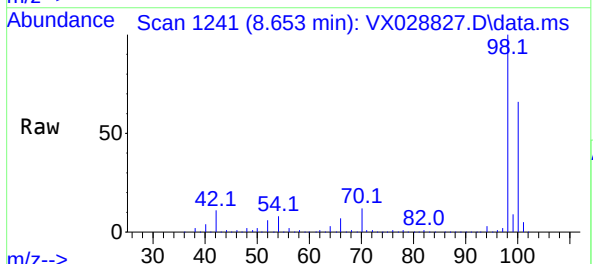


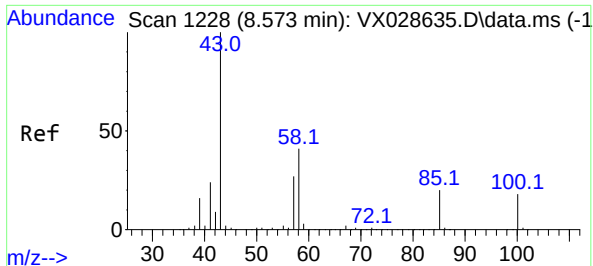
Tgt Ion:117 Resp: 26858
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.161 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028827.D
Acq: 19 May 2022 15:56

Tgt Ion: 98 Resp: 557316
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.526 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX028827.D

Acq: 19 May 2022 15:56

Instrument :

MSVOA_X

ClientSampleId :

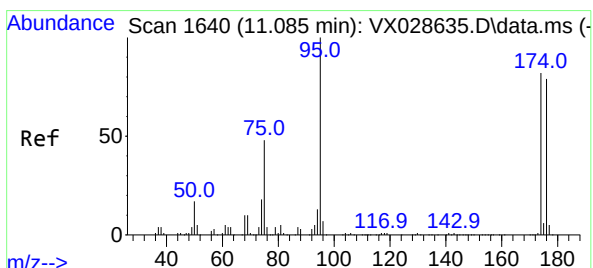
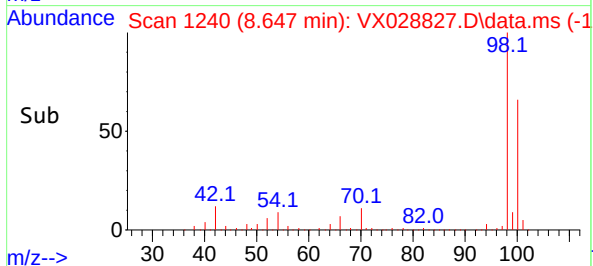
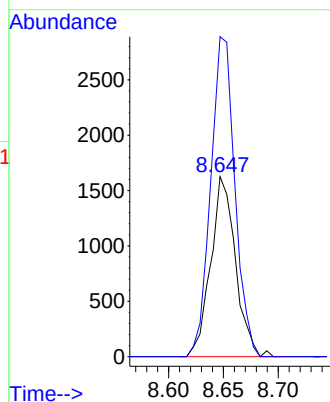
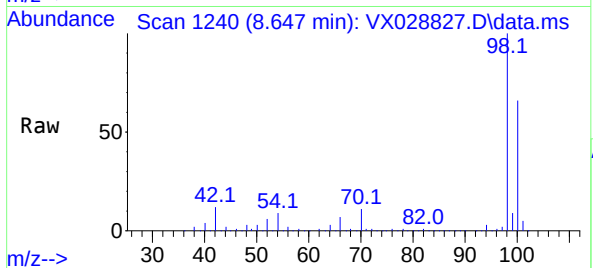
14BR-20220518

Tgt Ion: 43 Resp: 2555

Ion Ratio Lower Upper

43 100

58 173.6 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 48.496 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028827.D

Acq: 19 May 2022 15:56

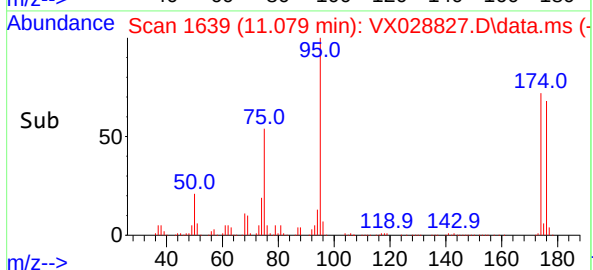
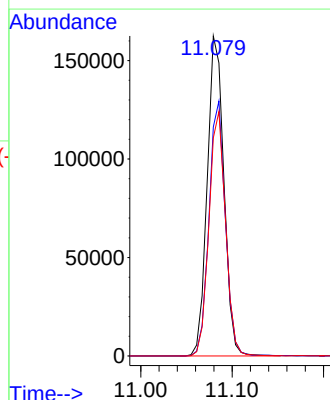
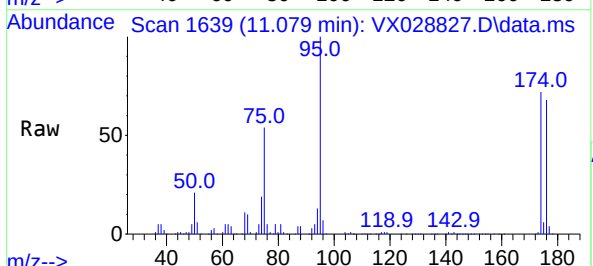
Tgt Ion: 95 Resp: 205345

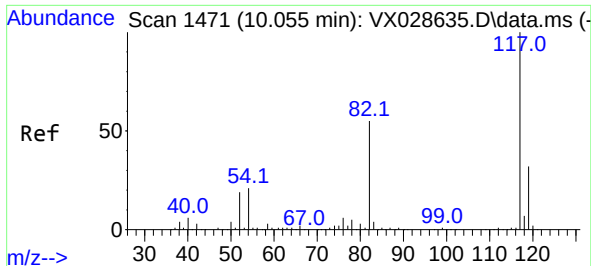
Ion Ratio Lower Upper

95 100

174 78.2 0.0 163.0

176 75.8 0.0 155.0

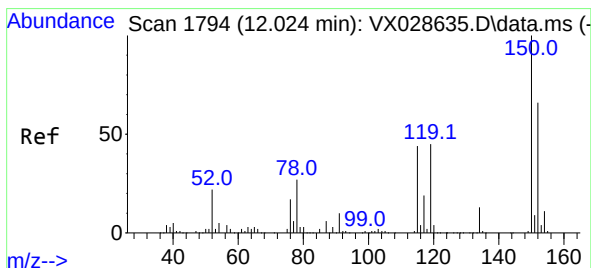
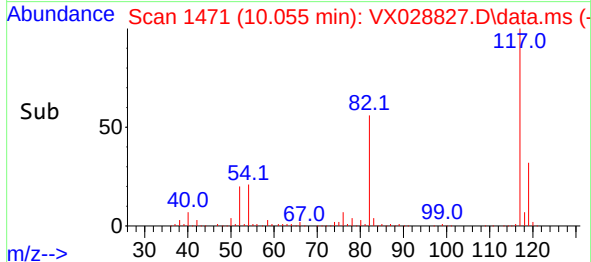
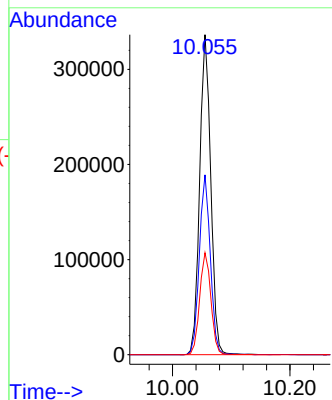
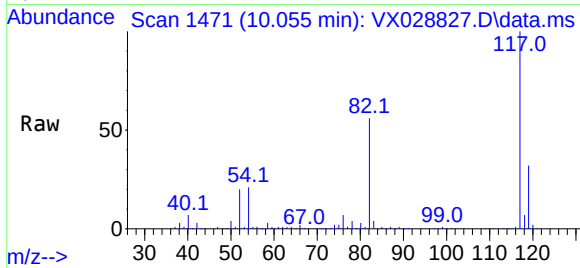




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028827.D
Acq: 19 May 2022 15:56

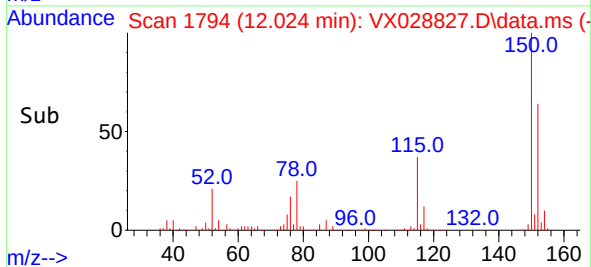
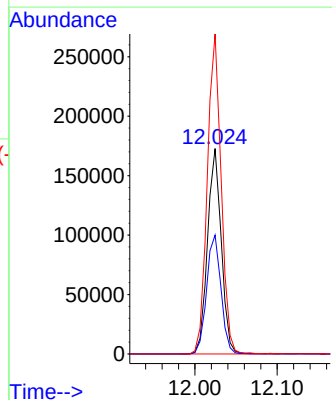
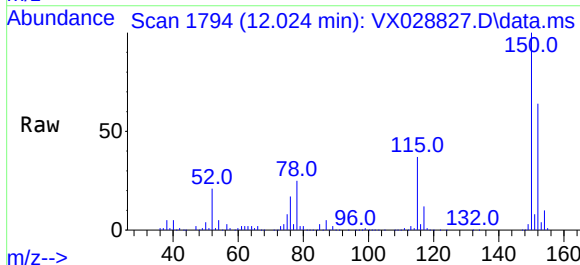
Instrument :
MSVOA_X
ClientSampleId :
14BR-20220518

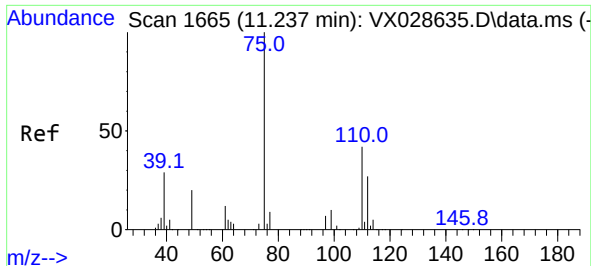
Tgt Ion:117 Resp: 439151
Ion Ratio Lower Upper
117 100
82 56.2 41.8 62.8
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028827.D
Acq: 19 May 2022 15:56

Tgt Ion:152 Resp: 201055
Ion Ratio Lower Upper
152 100
115 60.4 37.5 112.7
150 156.5 0.0 338.2

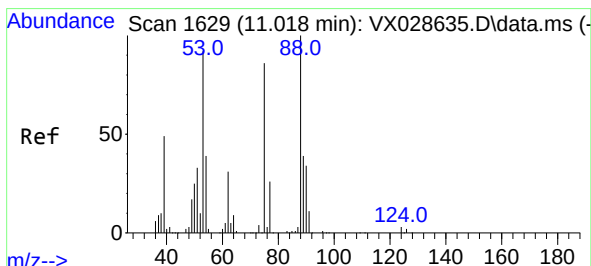
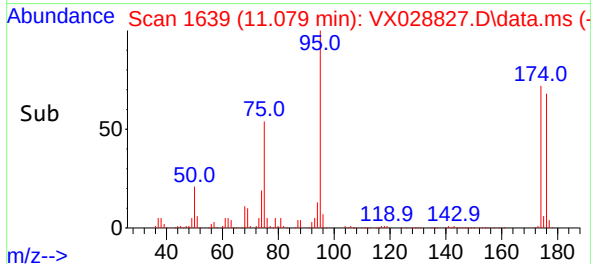
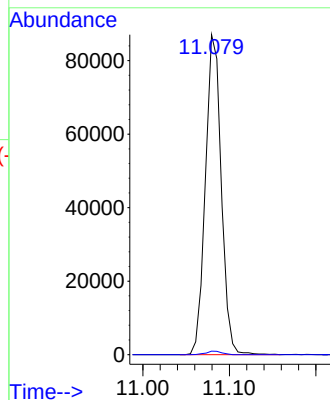
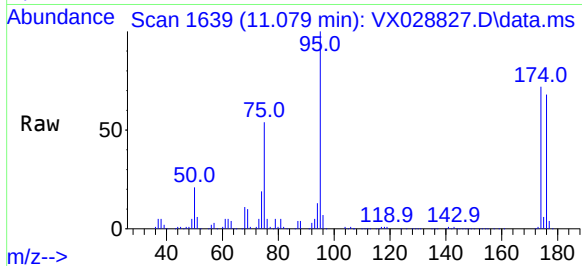




#76
1,2,3-Trichloropropane
Concen: 23.502 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028827.D
Acq: 19 May 2022 15:56

Instrument :
MSVOA_X
ClientSampleId :
14BR-20220518

Tgt Ion: 75 Resp: 110659
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.555 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028827.D
Acq: 19 May 2022 15:56

Tgt Ion: 75 Resp: 110659
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

