

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028953.D
 Acq On : 25 May 2022 16:14
 Operator : JC/MD
 Sample : N3030-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB05-20220524

Quant Time: May 26 05:45:24 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)

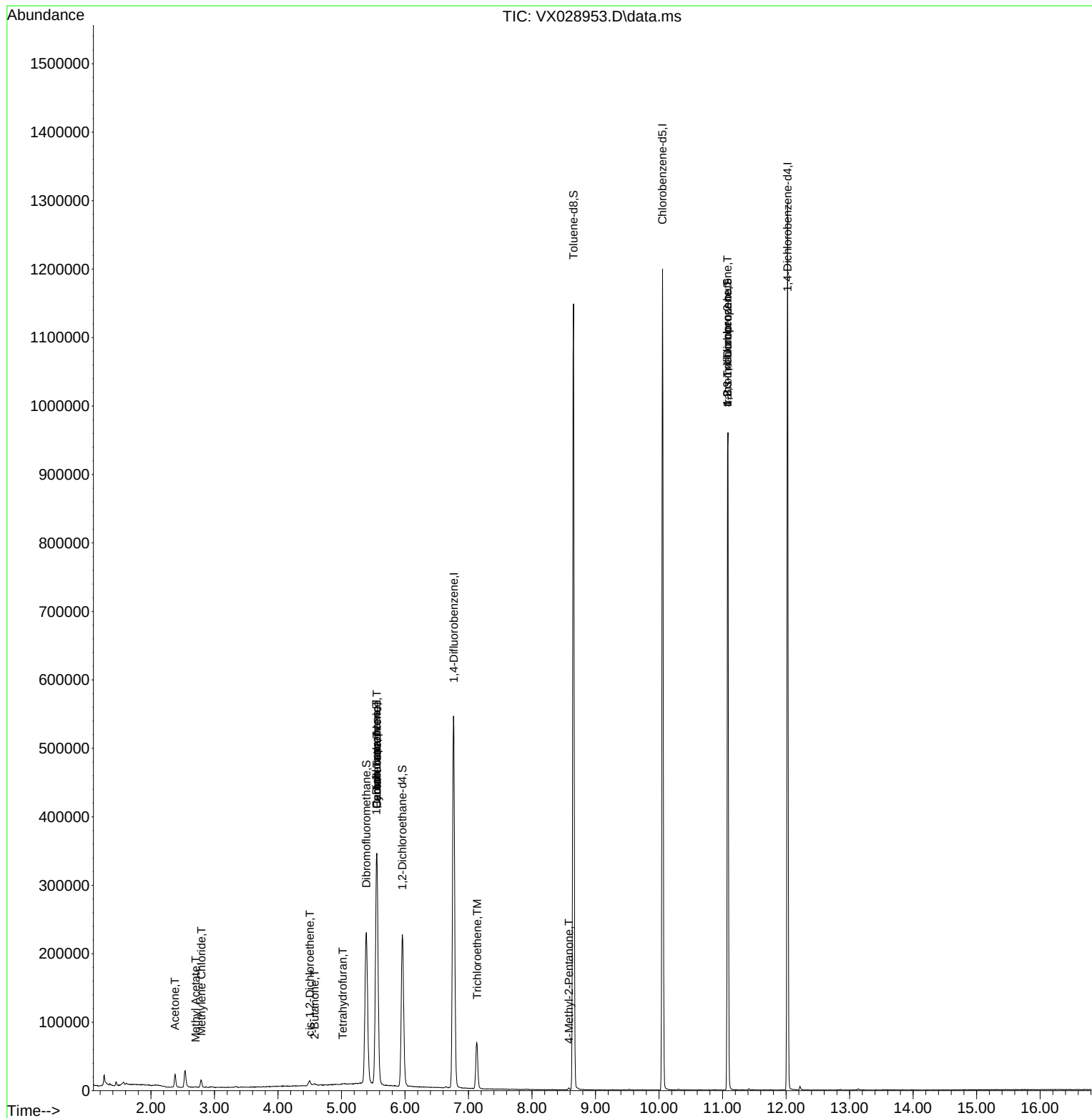
Internal Standards						
1) Pentafluorobenzene	5.556	168	319567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	572239	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	550788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	258941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	223600	51.044	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.080%	
35) Dibromofluoromethane	5.391	113	195660	52.187	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.380%	
50) Toluene-d8	8.653	98	681831	48.236	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.480%	
62) 4-Bromofluorobenzene	11.079	95	270535	51.241	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.480%	
Target Compounds						Qvalue
5) Bromomethane	1.617	94	916	Below Cal		87
6) Chloroethane	1.642	64	514	Below Cal	#	50
11) Tert butyl alcohol	2.953	59	903	Below Cal	#	72
16) Acetone	2.380	43	20479	10.893	ug/l	90
18) Methyl Acetate	2.703	43	966	0.205	ug/l #	74
20) Methylene Chloride	2.794	84	4688	1.189	ug/l #	92
25) 2-Butanone	4.574	43	3959	1.342	ug/l #	85
27) cis-1,2-Dichloroethene	4.501	96	4253	0.977	ug/l	99
29) Tetrahydrofuran	5.019	42	848	0.442	ug/l #	59
31) Cyclohexane	5.556	56	6467	1.064	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	24450	4.342	ug/l #	49
38) Carbon Tetrachloride	5.556	117	33828	5.969	ug/l #	15
44) Trichloroethene	7.135	130	28269	6.441	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	1685	0.278	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	134444	22.170	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	134444	64.890	ug/l #	15

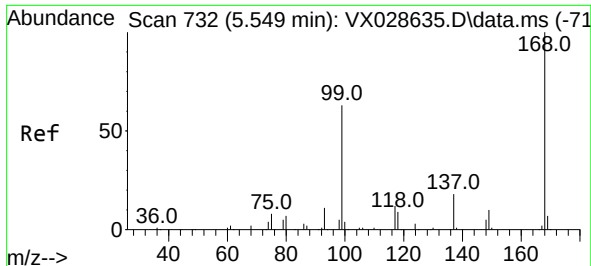
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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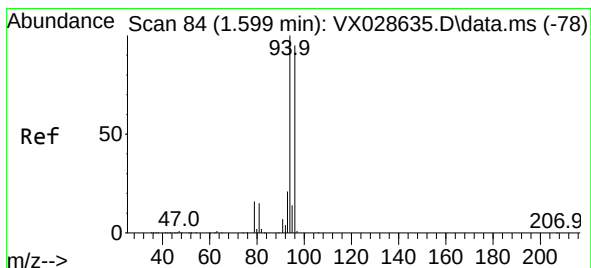
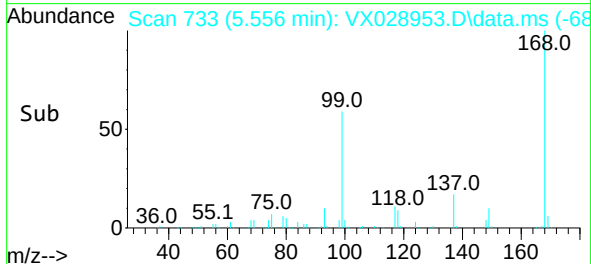
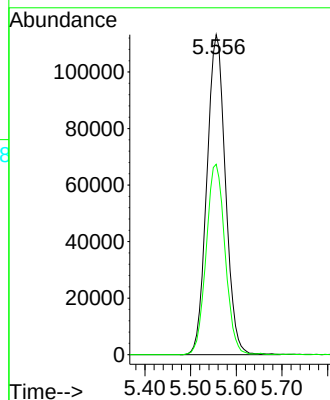
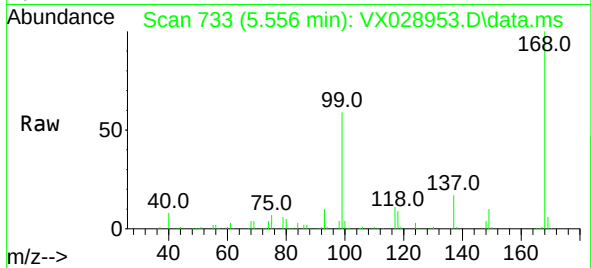




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028953.D
Acq: 25 May 2022 16:14

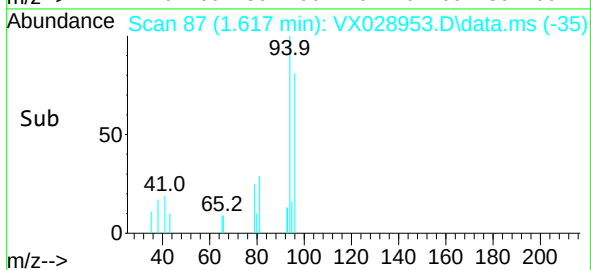
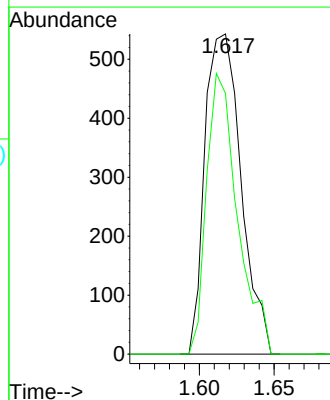
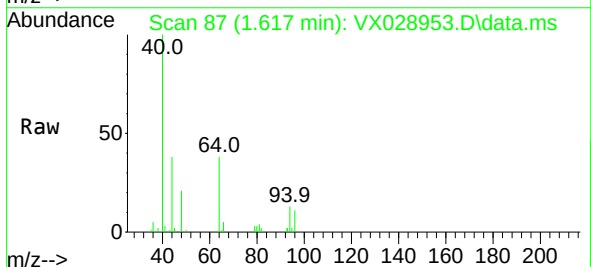
Instrument :
MSVOA_X
ClientSampleId :
RB05-20220524

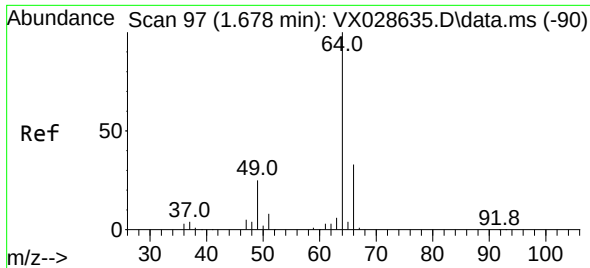
Tgt Ion:168 Resp: 319567
Ion Ratio Lower Upper
168 100
99 59.5 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028953.D
Acq: 25 May 2022 16:14

Tgt Ion: 94 Resp: 916
Ion Ratio Lower Upper
94 100
96 81.4 75.3 112.9

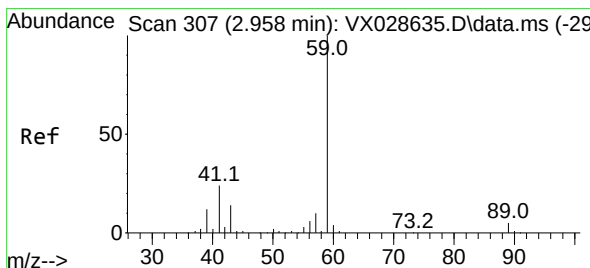
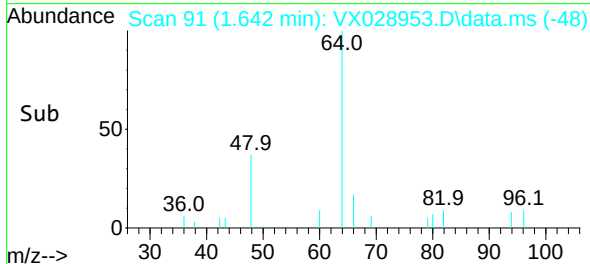
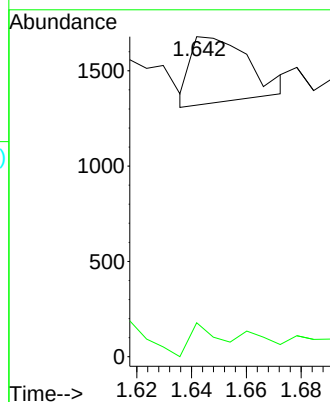
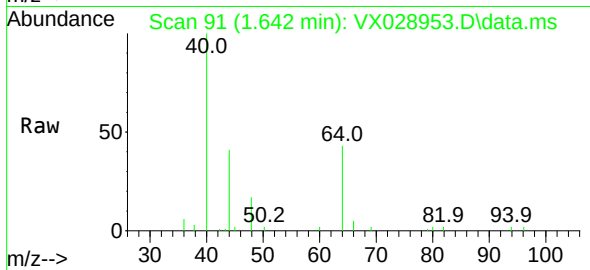




#6
Chloroethane
Concen: Below Cal
RT: 1.642 min Scan# 91
Delta R.T. -0.036 min
Lab File: VX028953.D
Acq: 25 May 2022 16:14

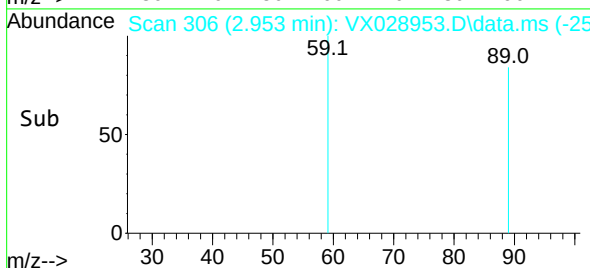
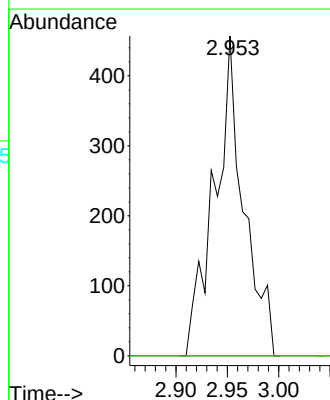
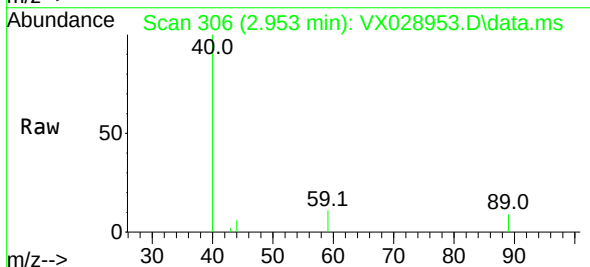
Instrument :
MSVOA_X
ClientSampleId :
RB05-20220524

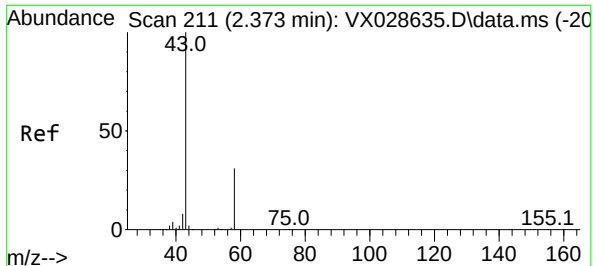
Tgt Ion: 64 Resp: 514
Ion Ratio Lower Upper
64 100
66 59.3 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX028953.D
Acq: 25 May 2022 16:14

Tgt Ion: 59 Resp: 903
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

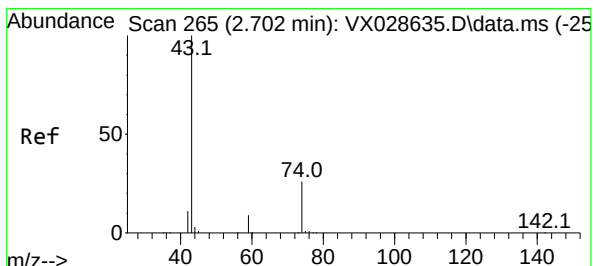
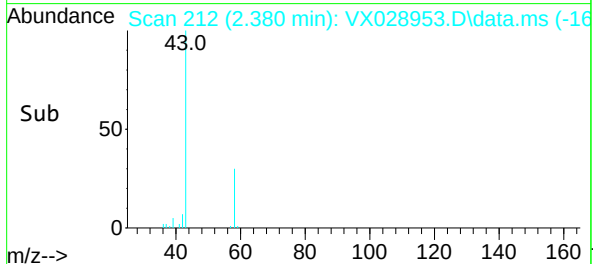
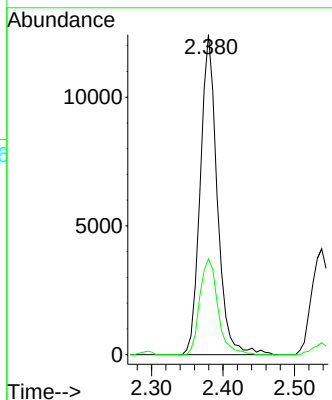
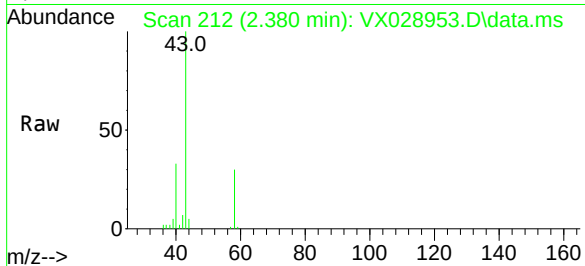




#16
Acetone
Concen: 10.893 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028953.D
Acq: 25 May 2022 16:14

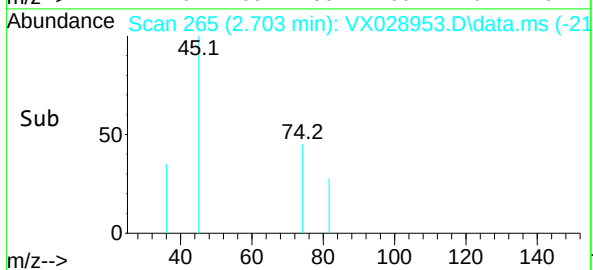
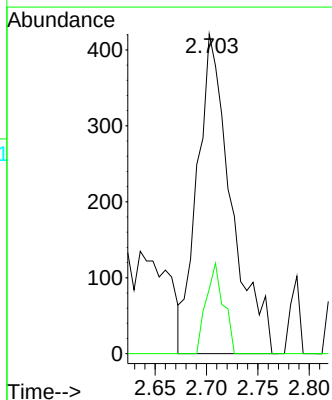
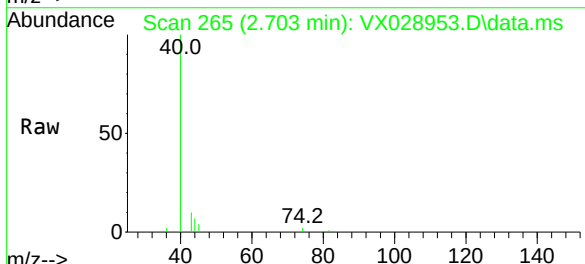
Instrument :
MSVOA_X
ClientSampleId :
RB05-20220524

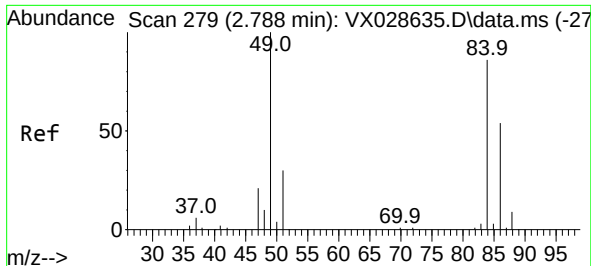
Tgt Ion: 43 Resp: 20479
Ion Ratio Lower Upper
43 100
58 29.9 28.8 43.2



#18
Methyl Acetate
Concen: 0.205 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028953.D
Acq: 25 May 2022 16:14

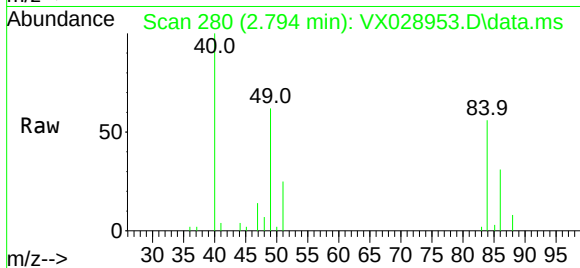
Tgt Ion: 43 Resp: 966
Ion Ratio Lower Upper
43 100
74 14.5 22.8 34.2#



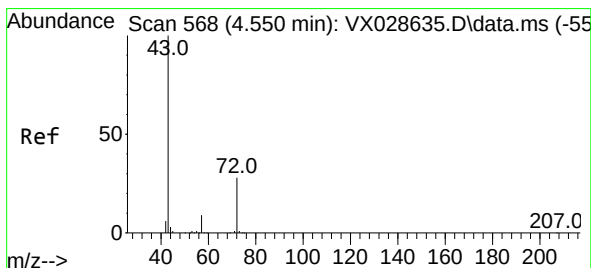
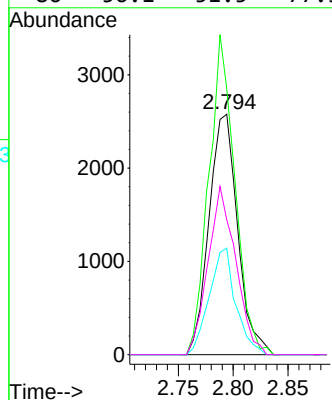
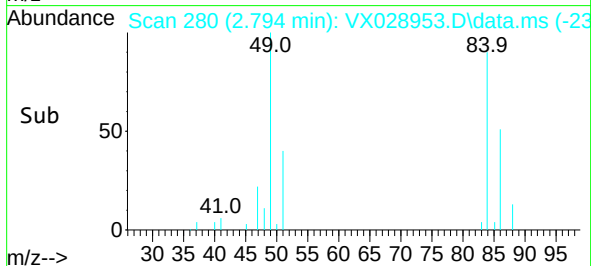


#20
Methylene Chloride
Concen: 1.189 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028953.D
Acq: 25 May 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
RB05-20220524

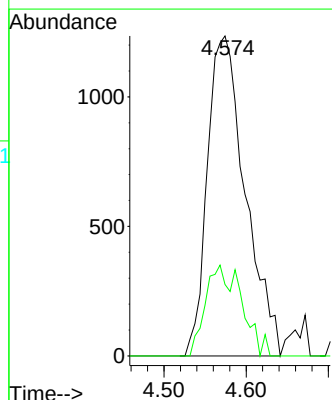
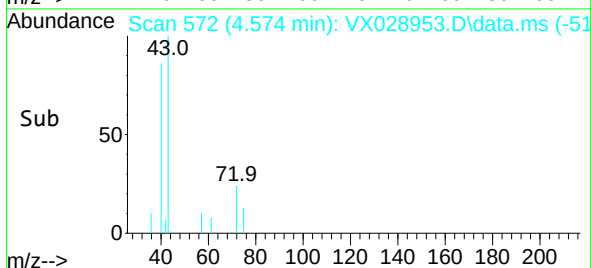
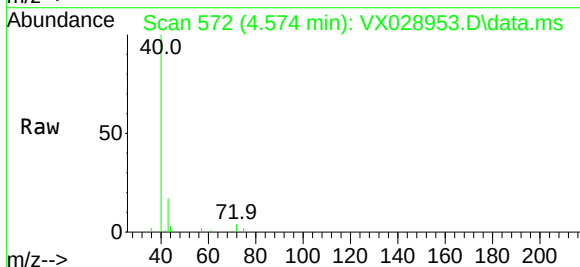


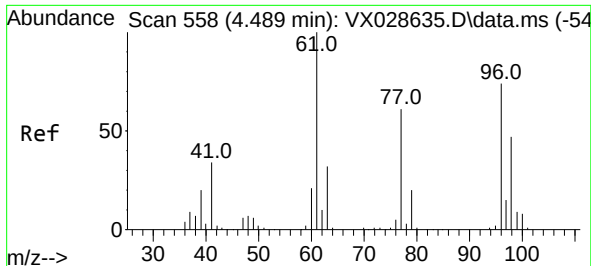
Tgt Ion:	84	Resp:	4688
Ion	Ratio	Lower	Upper
84	100		
49	110.6	85.5	128.3
51	44.3	26.6	39.8#
86	56.1	51.5	77.3



#25
2-Butanone
Concen: 1.342 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.024 min
Lab File: VX028953.D
Acq: 25 May 2022 16:14

Tgt Ion:	43	Resp:	3959
Ion	Ratio	Lower	Upper
43	100		
72	22.3	24.4	36.6#





#27

cis-1,2-Dichloroethene

Concen: 0.977 ug/l

RT: 4.501 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX028953.D

Acq: 25 May 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

RB05-20220524

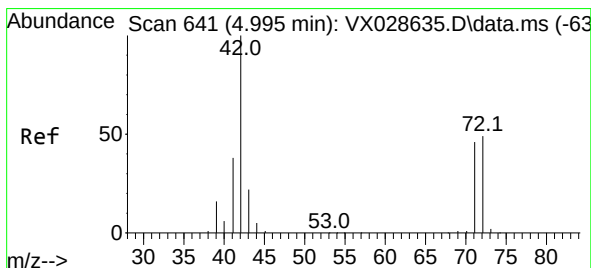
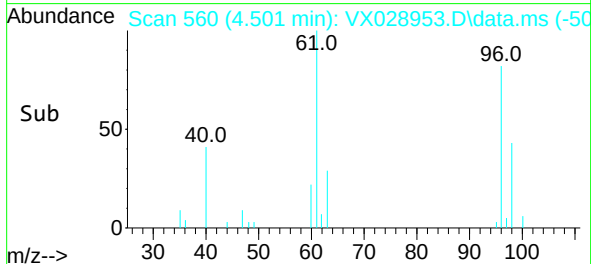
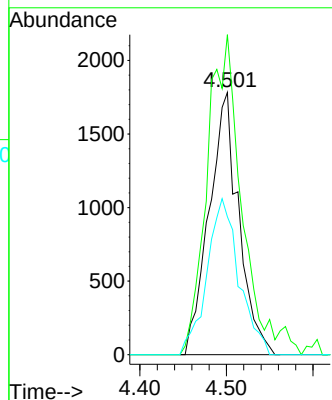
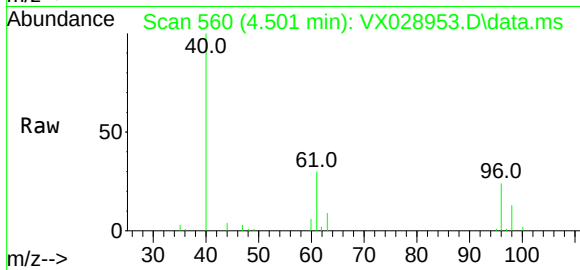
Tgt Ion: 96 Resp: 4253

Ion Ratio Lower Upper

96 100

61 142.7 0.0 283.8

98 64.2 0.0 129.8



#29

Tetrahydrofuran

Concen: 0.442 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.024 min

Lab File: VX028953.D

Acq: 25 May 2022 16:14

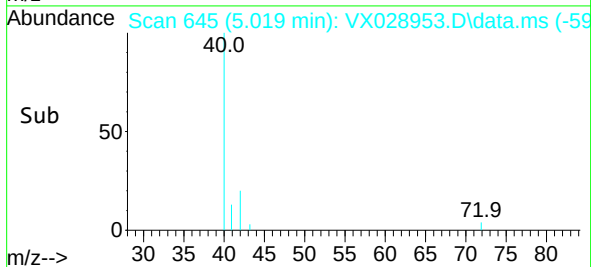
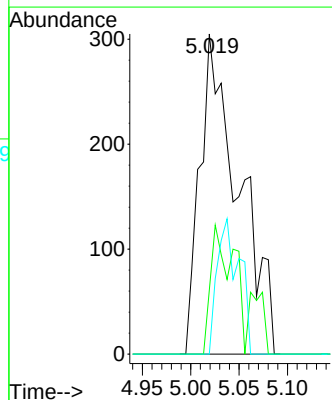
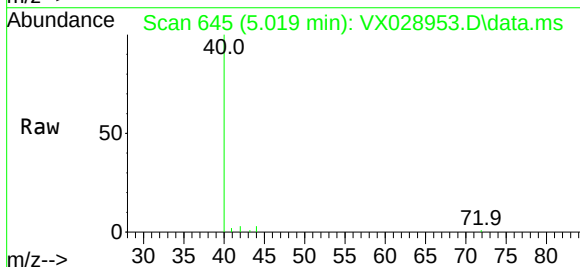
Tgt Ion: 42 Resp: 848

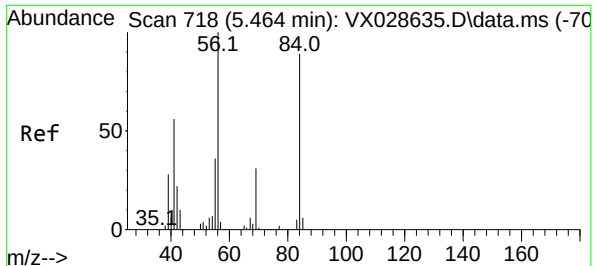
Ion Ratio Lower Upper

42 100

72 23.6 44.1 66.1#

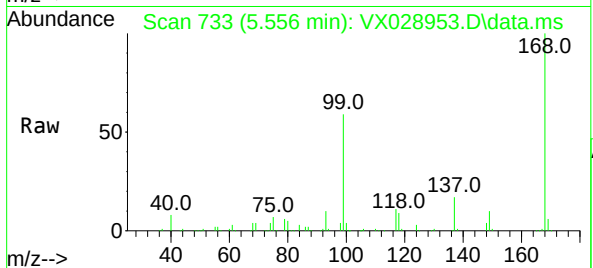
71 24.1 40.5 60.7#



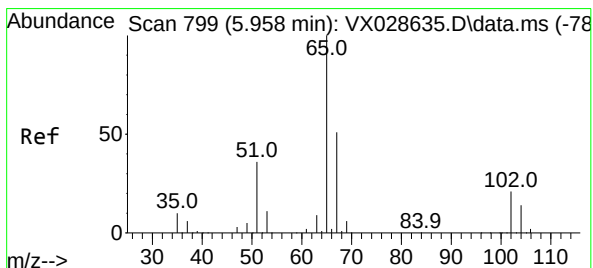
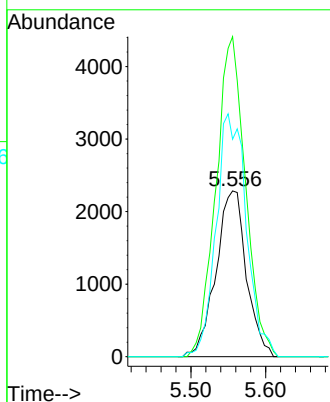
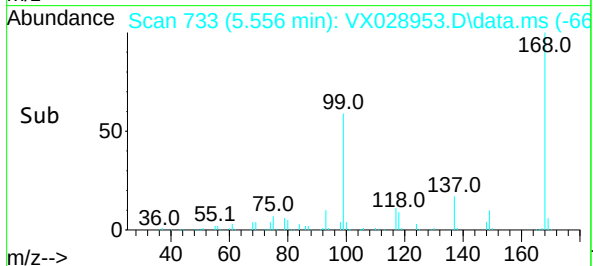


#31
Cyclohexane
Concen: 1.064 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028953.D
Acq: 25 May 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
RB05-20220524

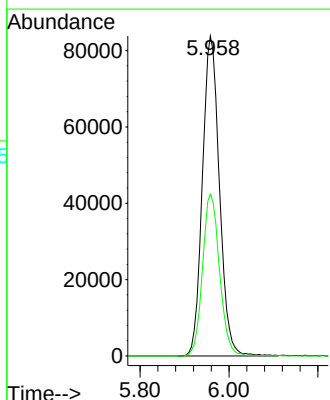
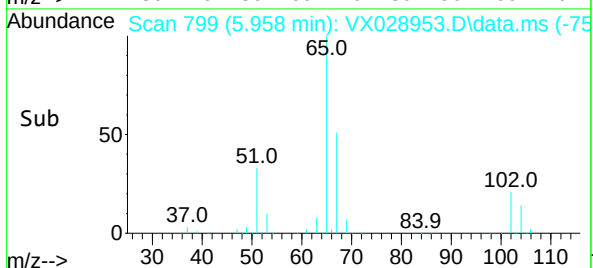
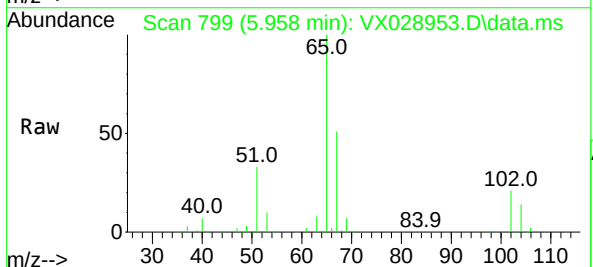


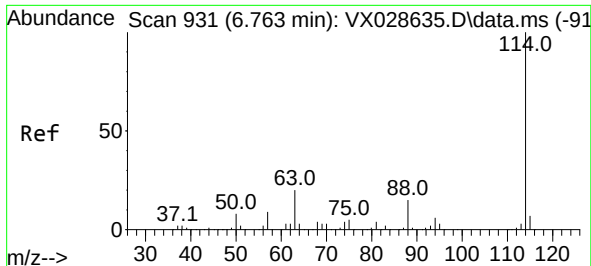
Tgt Ion: 56 Resp: 6467
Ion Ratio Lower Upper
56 100
69 193.1 26.7 40.1#
84 131.2 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 51.044 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028953.D
Acq: 25 May 2022 16:14

Tgt Ion: 65 Resp: 223600
Ion Ratio Lower Upper
65 100
67 50.3 0.0 107.4

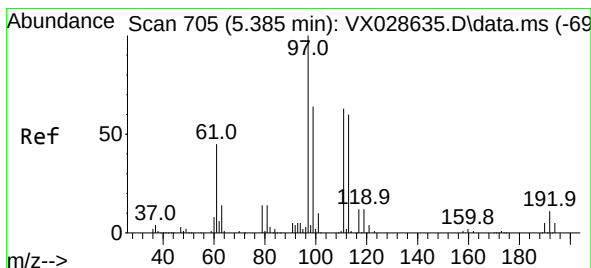
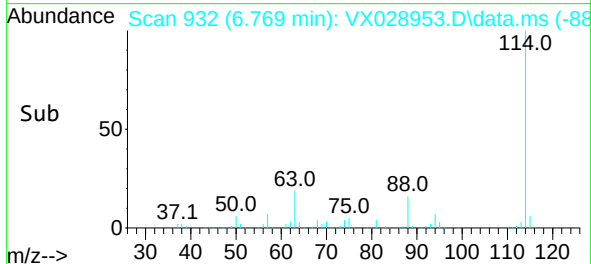
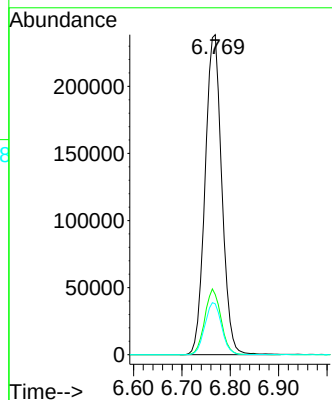
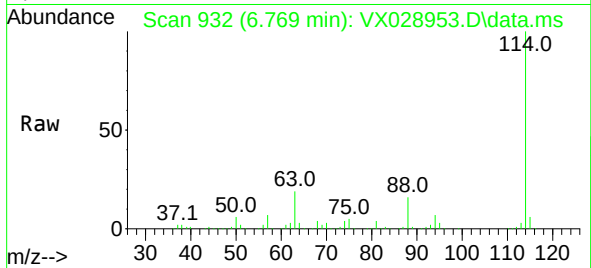




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX028953.D
Acq: 25 May 2022 16:14

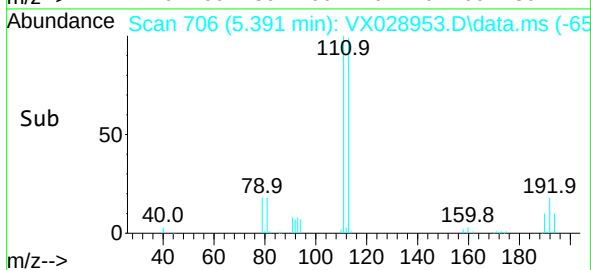
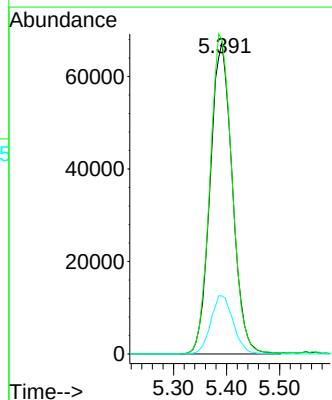
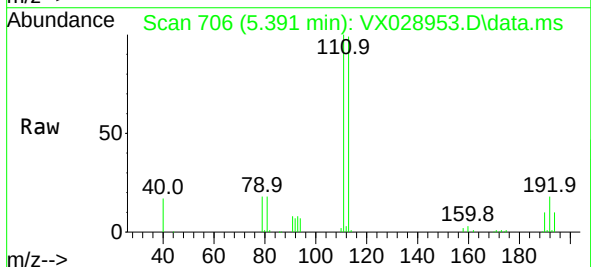
Instrument :
MSVOA_X
ClientSampleId :
RB05-20220524

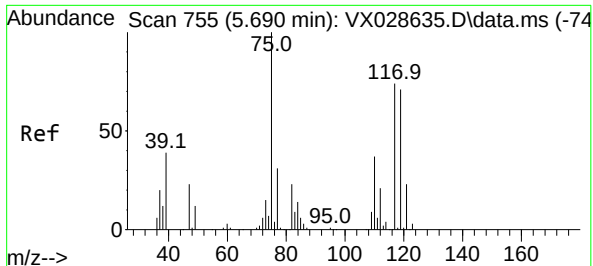
Tgt Ion:114 Resp: 572239
Ion Ratio Lower Upper
114 100
63 18.8 0.0 36.8
88 15.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.187 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028953.D
Acq: 25 May 2022 16:14

Tgt Ion:113 Resp: 195660
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.9 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.342 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX028953.D

Acq: 25 May 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

RB05-20220524

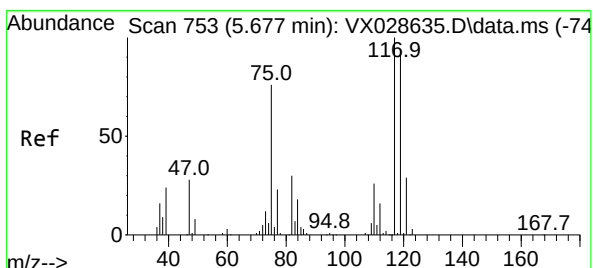
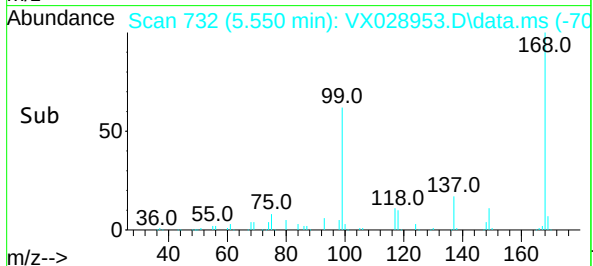
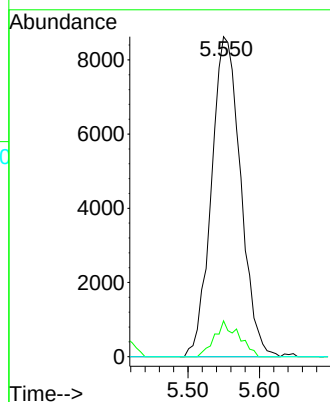
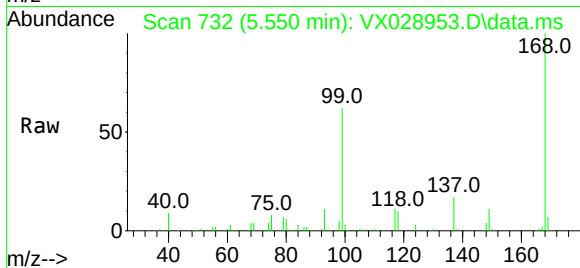
Tgt Ion: 75 Resp: 24450

Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.969 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX028953.D

Acq: 25 May 2022 16:14

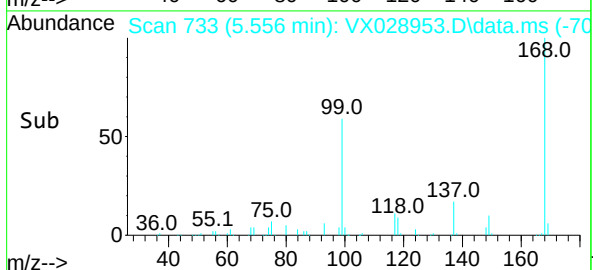
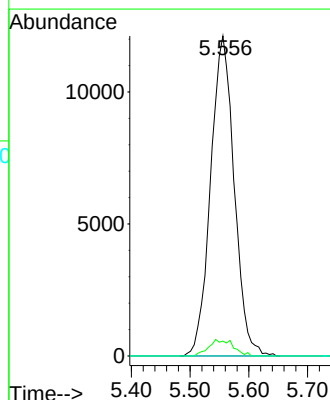
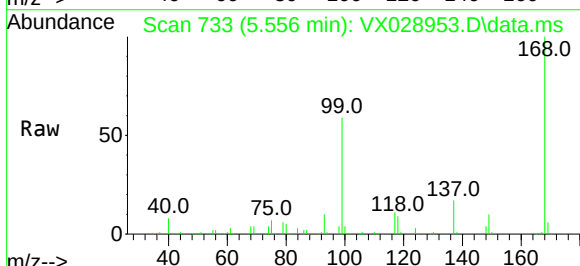
Tgt Ion: 117 Resp: 33828

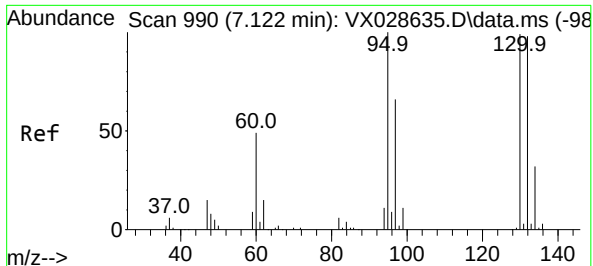
Ion Ratio Lower Upper

117 100

119 4.7 77.3 115.9#

121 0.0 24.2 36.2#

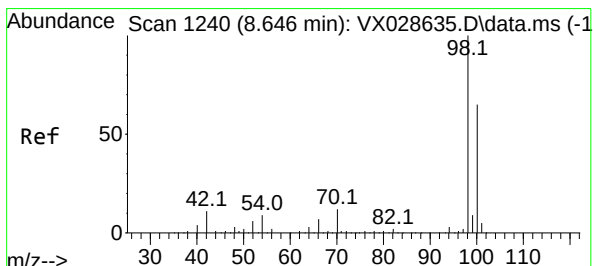
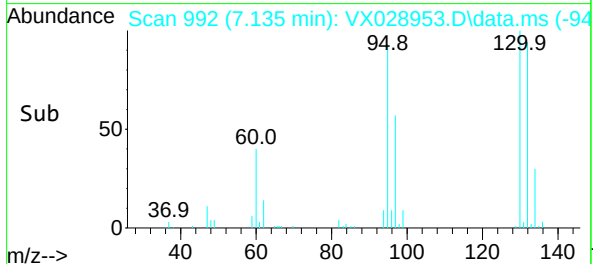
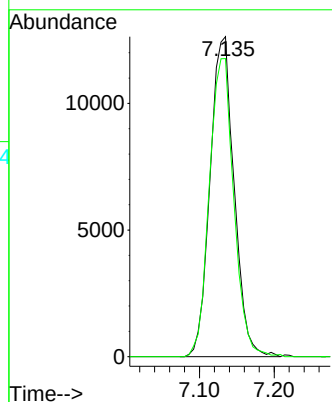
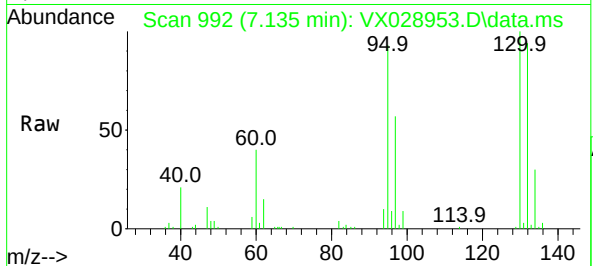




#44
Trichloroethene
Concen: 6.441 ug/l
RT: 7.135 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX028953.D
Acq: 25 May 2022 16:14

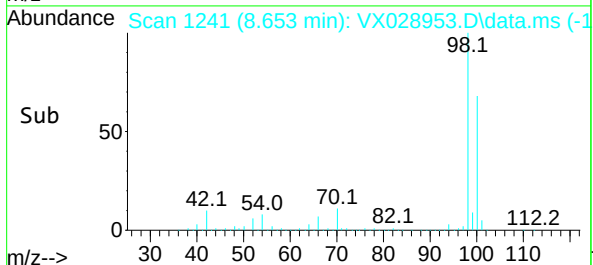
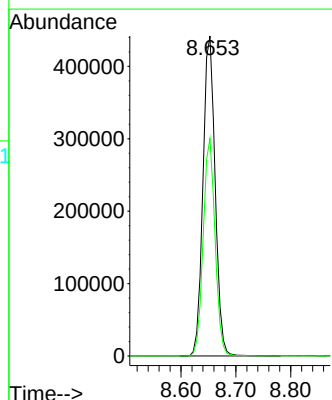
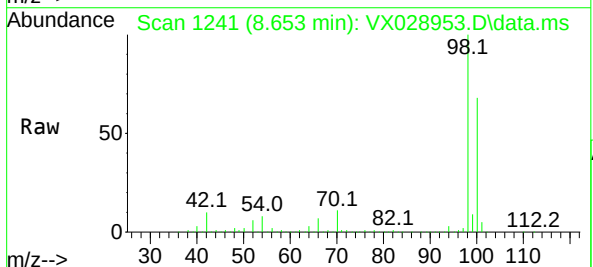
Instrument :
MSVOA_X
ClientSampleId :
RB05-20220524

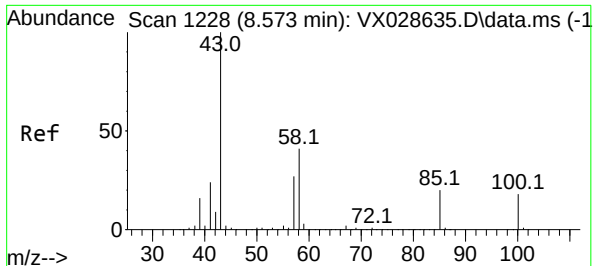
Tgt Ion:130 Resp: 28269
Ion Ratio Lower Upper
130 100
95 93.2 0.0 188.8



#50
Toluene-d8
Concen: 48.236 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028953.D
Acq: 25 May 2022 16:14

Tgt Ion: 98 Resp: 681831
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.278 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX028953.D

Acq: 25 May 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

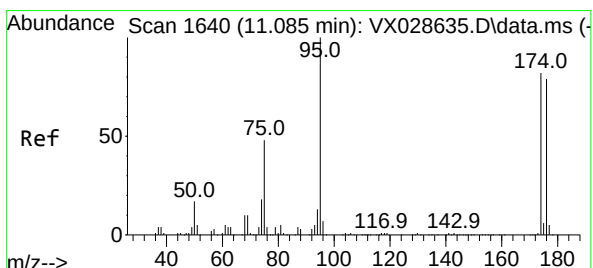
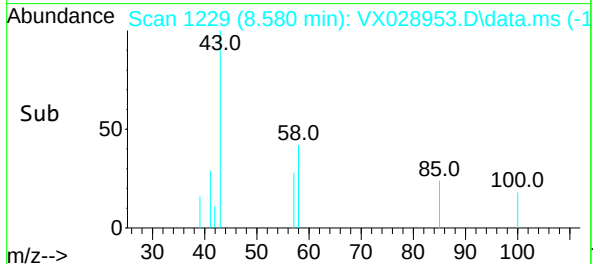
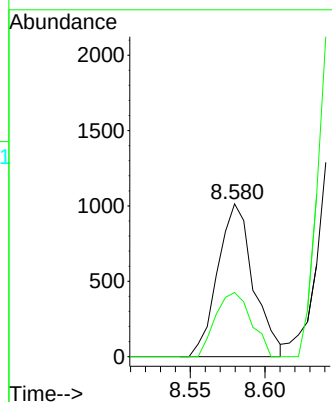
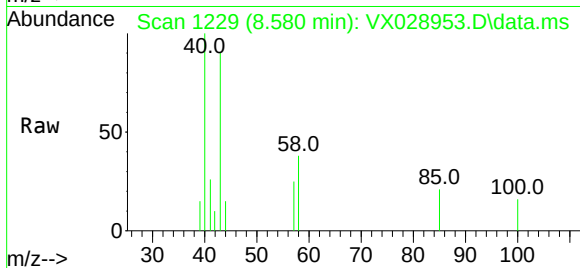
RB05-20220524

Tgt Ion: 43 Resp: 1685

Ion Ratio Lower Upper

43 100

58 42.0 36.1 54.1



#62

4-Bromofluorobenzene

Concen: 51.241 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028953.D

Acq: 25 May 2022 16:14

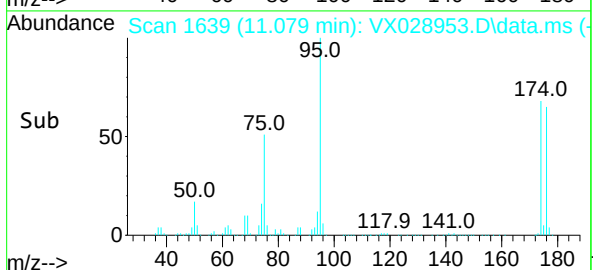
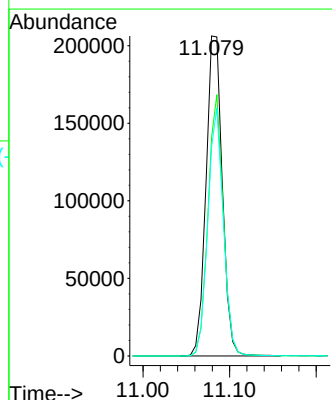
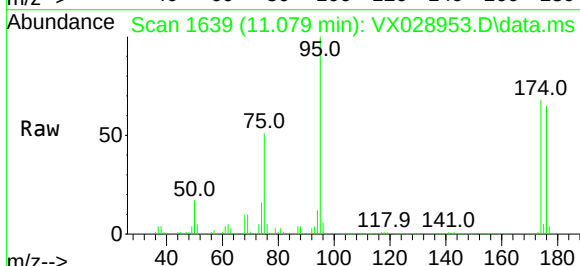
Tgt Ion: 95 Resp: 270535

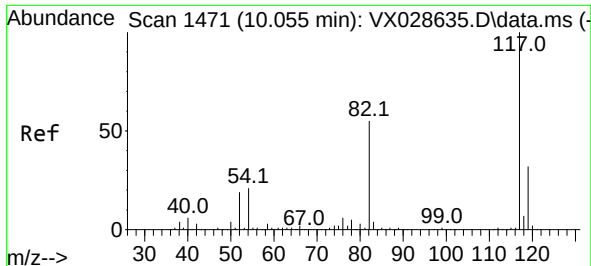
Ion Ratio Lower Upper

95 100

174 76.5 0.0 163.0

176 73.3 0.0 155.0

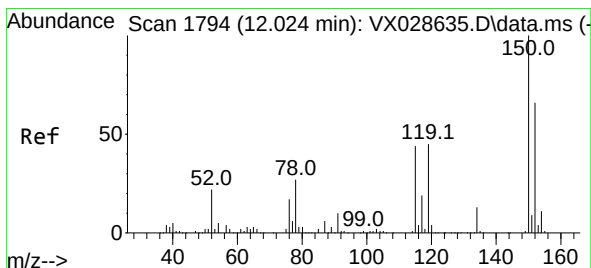
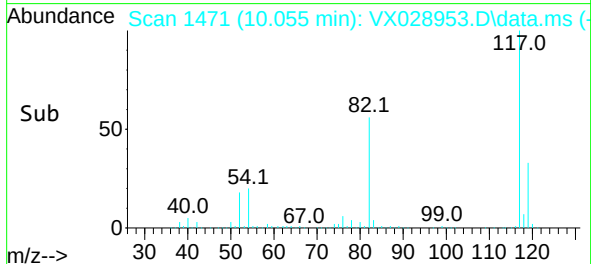
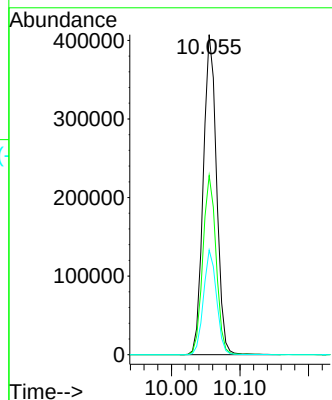
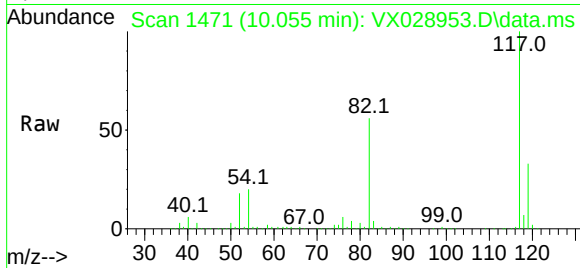




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028953.D
Acq: 25 May 2022 16:14

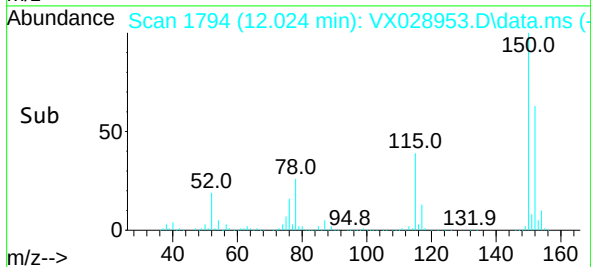
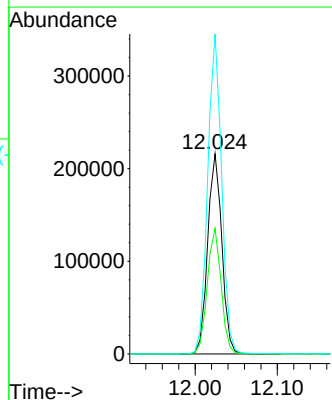
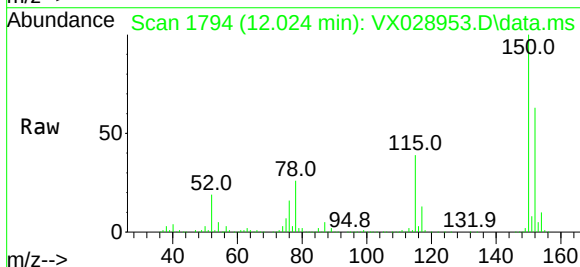
Instrument :
MSVOA_X
ClientSampleId :
RB05-20220524

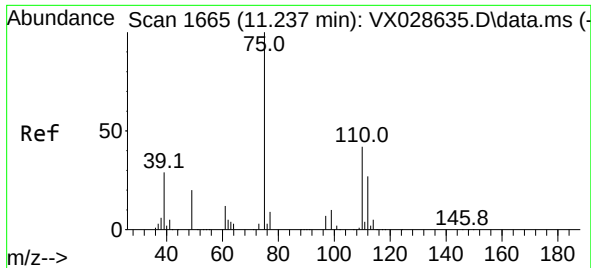
Tgt Ion:117 Resp: 550788
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 32.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028953.D
Acq: 25 May 2022 16:14

Tgt Ion:152 Resp: 258941
Ion Ratio Lower Upper
152 100
115 61.3 37.5 112.7
150 157.2 0.0 338.2

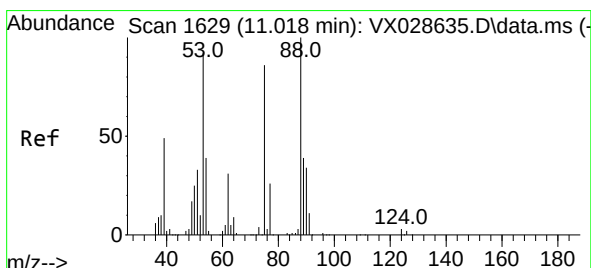
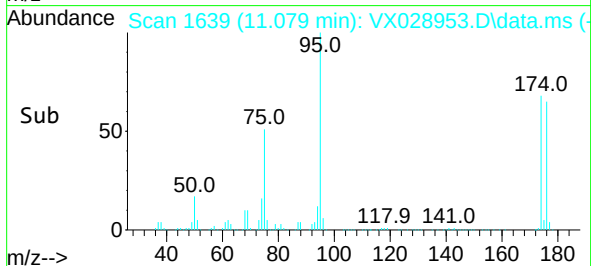
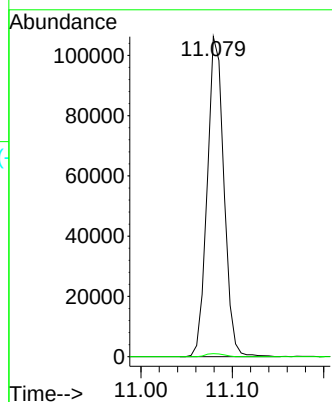
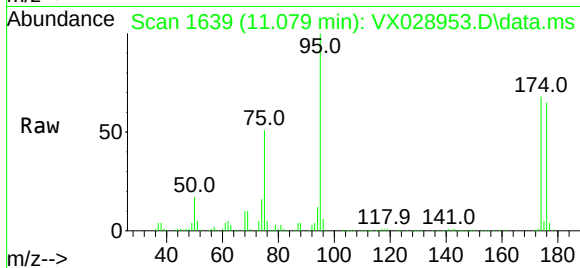




#76
1,2,3-Trichloropropane
Concen: 22.170 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028953.D
Acq: 25 May 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
RB05-20220524

Tgt Ion: 75 Resp: 134444
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.890 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028953.D
Acq: 25 May 2022 16:14

Tgt Ion: 75 Resp: 134444
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

