

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028975.D
 Acq On : 26 May 2022 01:55
 Operator : JC/MD
 Sample : N3003-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB-220512

Quant Time: May 26 05:51:38 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)

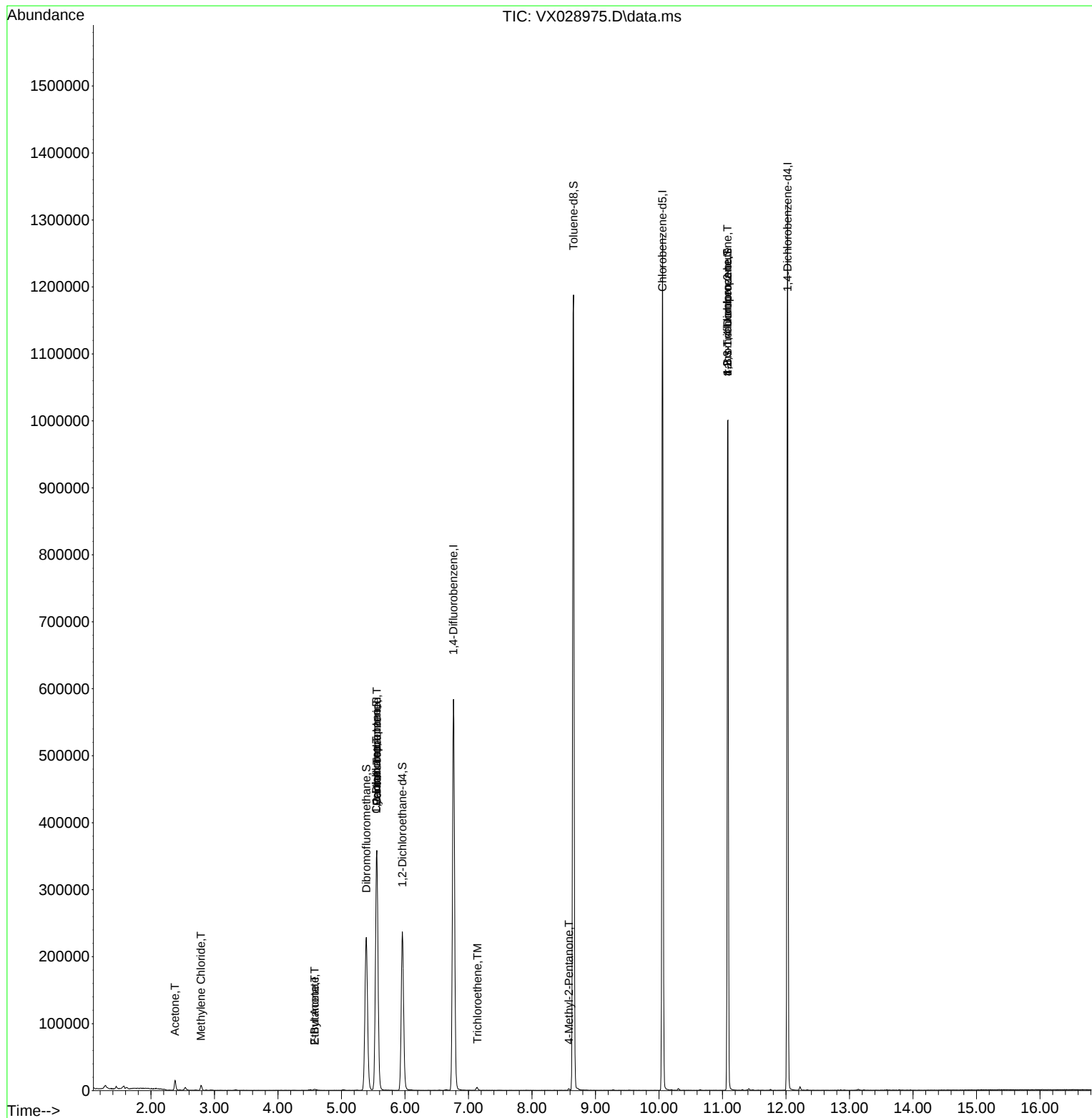
Internal Standards						
1) Pentafluorobenzene	5.556	168	336160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	607351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	579821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	273537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	230724	50.071	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.140%			
35) Dibromofluoromethane	5.391	113	201834	50.721	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.440%			
50) Toluene-d8	8.653	98	721873	48.117	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.240%			
62) 4-Bromofluorobenzene	11.079	95	283255	50.549	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.100%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	1112	Below Cal	#	66
6) Chloroethane	1.660	64	238	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	269	Below Cal	#	72
16) Acetone	2.380	43	15611	7.894	ug/l	95
20) Methylene Chloride	2.788	84	3390	0.817	ug/l	94
25) 2-Butanone	4.574	43	3122	1.006	ug/l	95
31) Cyclohexane	5.550	56	6790	1.062	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	25840	4.323	ug/l #	50
37) Ethyl Acetate	4.574	43	3122	0.500	ug/l #	71
38) Carbon Tetrachloride	5.556	117	35414	5.888	ug/l #	16
44) Trichloroethene	7.141	130	1812	0.389	ug/l	76
51) 4-Methyl-2-Pentanone	8.580	43	1405	0.218	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	141047	22.018	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	141047	64.471	ug/l #	15

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

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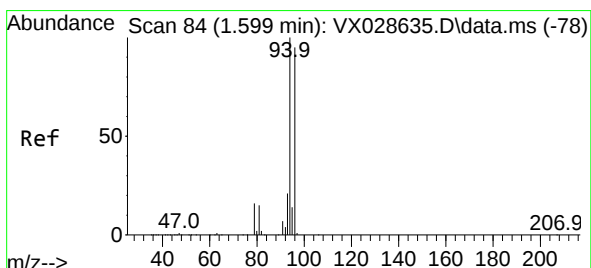
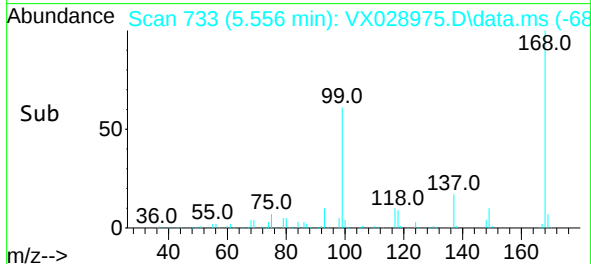
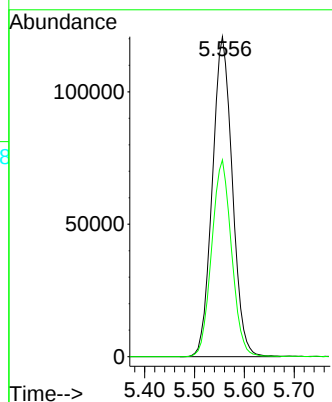
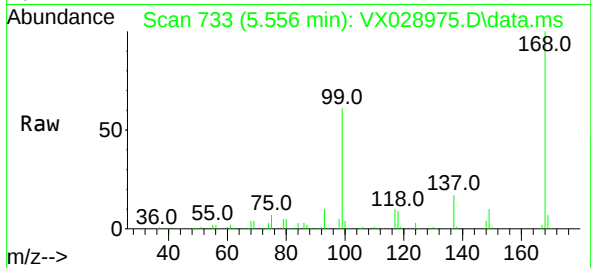




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028975.D
Acq: 26 May 2022 01:55

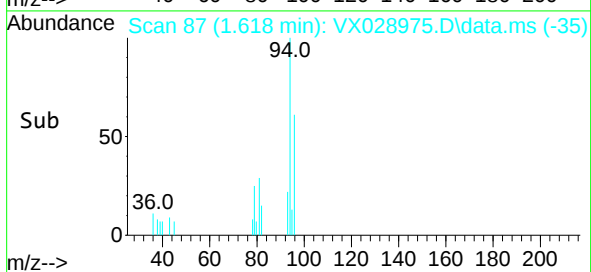
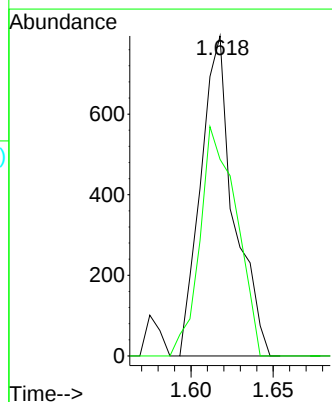
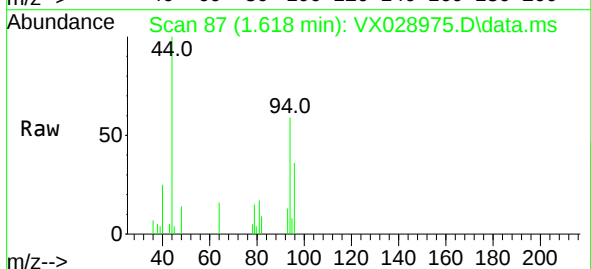
Instrument :
MSVOA_X
ClientSampleId :
RB-220512

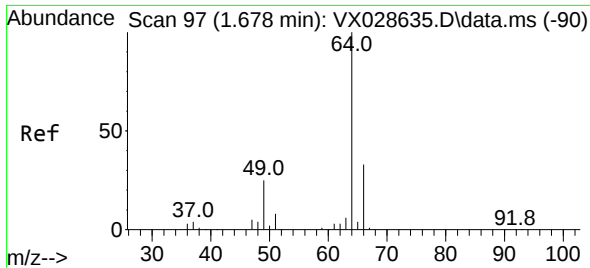
Tgt Ion:168 Resp: 336160
Ion Ratio Lower Upper
168 100
99 61.5 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028975.D
Acq: 26 May 2022 01:55

Tgt Ion: 94 Resp: 1112
Ion Ratio Lower Upper
94 100
96 61.5 75.3 112.9#

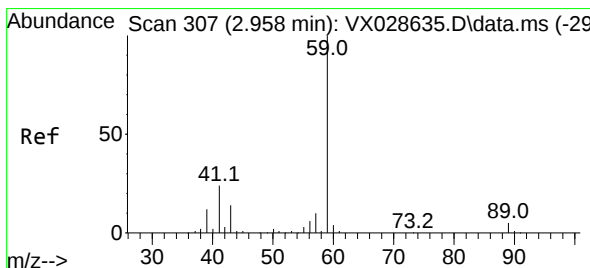
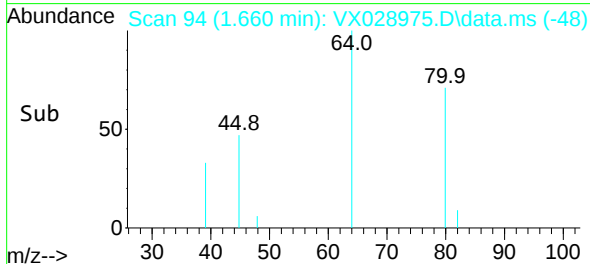
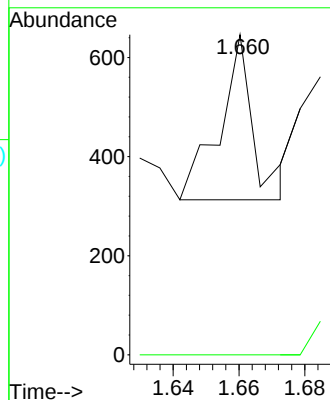
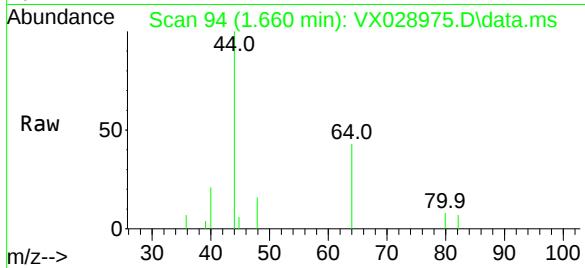




#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX028975.D
Acq: 26 May 2022 01:55

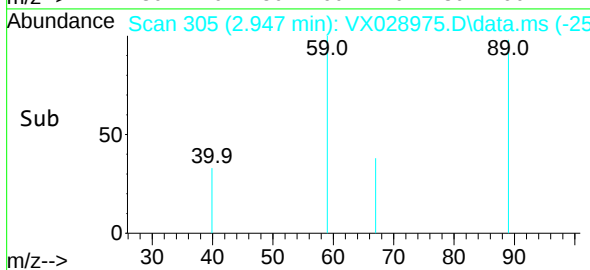
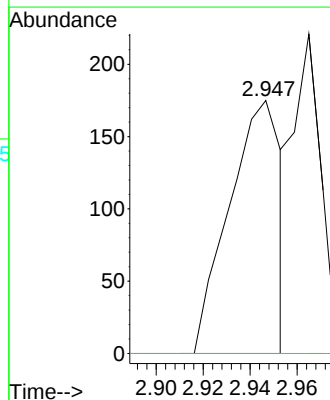
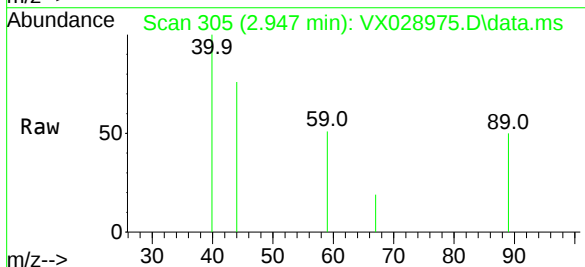
Instrument :
MSVOA_X
ClientSampleId :
RB-220512

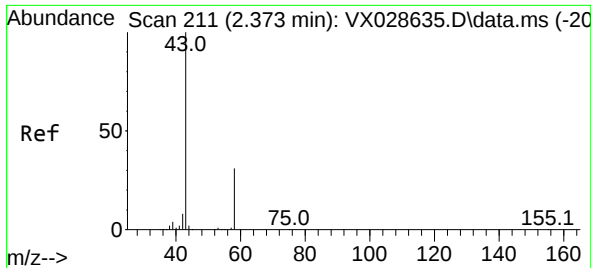
Tgt Ion: 64 Resp: 238
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028975.D
Acq: 26 May 2022 01:55

Tgt Ion: 59 Resp: 269
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

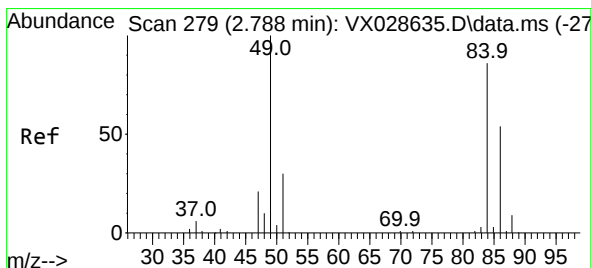
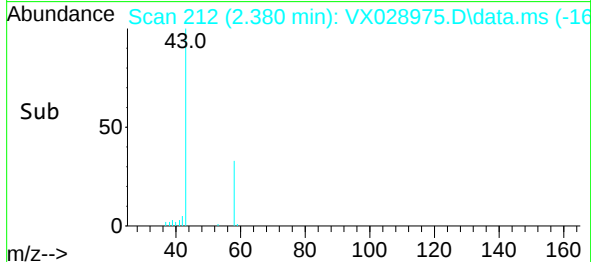
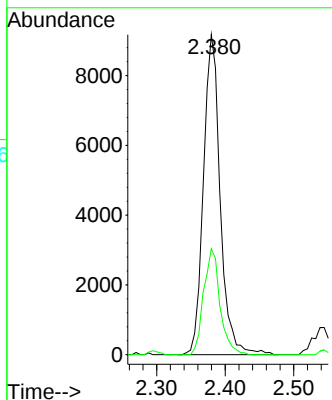
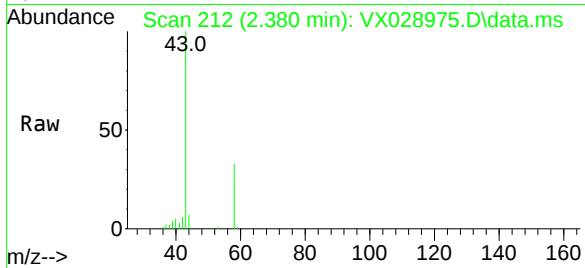




#16
Acetone
Concen: 7.894 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028975.D
Acq: 26 May 2022 01:55

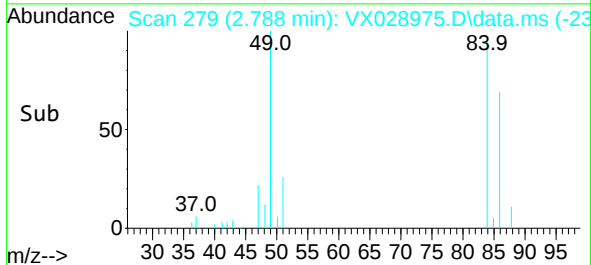
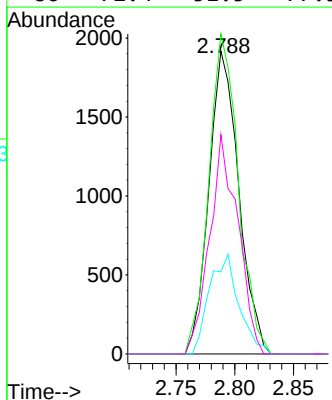
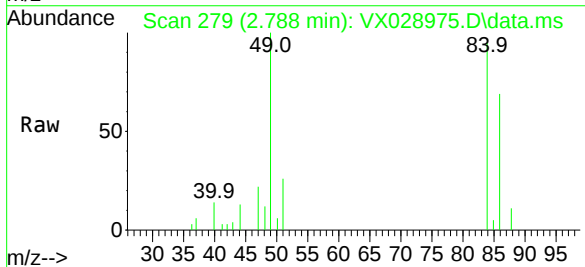
Instrument :
MSVOA_X
ClientSampleId :
RB-220512

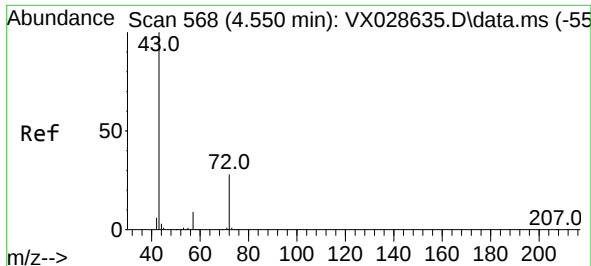
Tgt Ion: 43 Resp: 15611
Ion Ratio Lower Upper
43 100
58 33.2 28.8 43.2



#20
Methylene Chloride
Concen: 0.817 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028975.D
Acq: 26 May 2022 01:55

Tgt Ion: 84 Resp: 3390
Ion Ratio Lower Upper
84 100
49 105.6 85.5 128.3
51 27.1 26.6 39.8
86 72.4 51.5 77.3

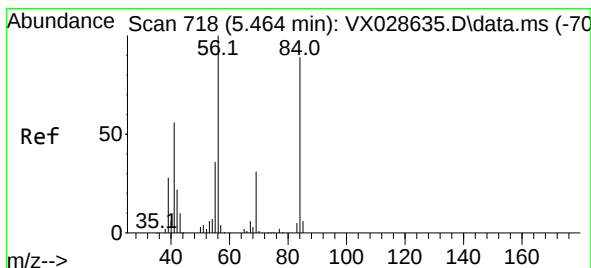
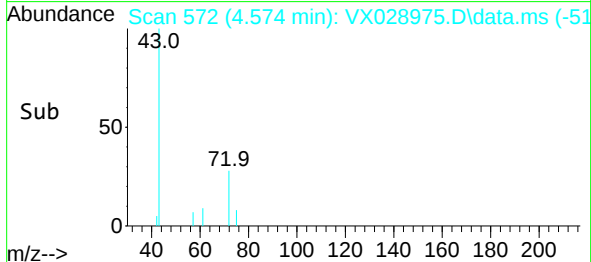
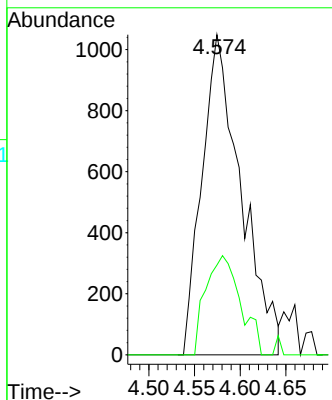
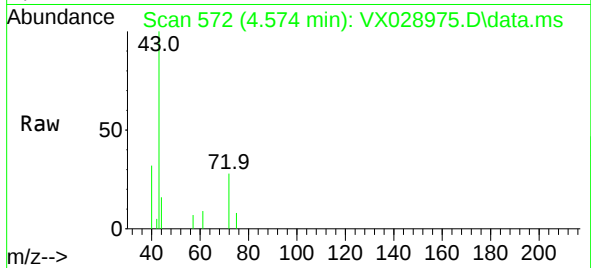




#25
2-Butanone
Concen: 1.006 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX028975.D
Acq: 26 May 2022 01:55

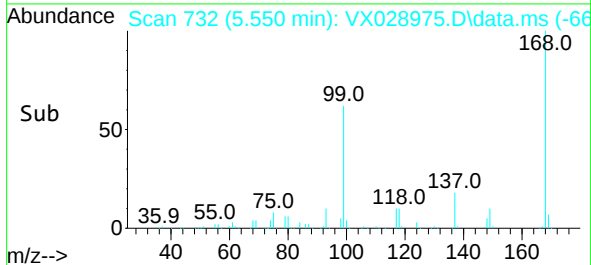
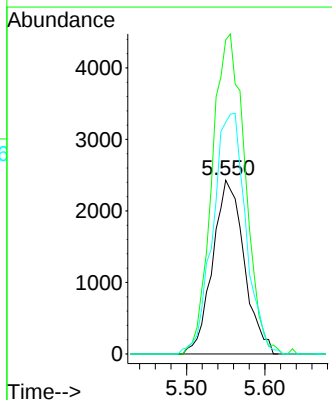
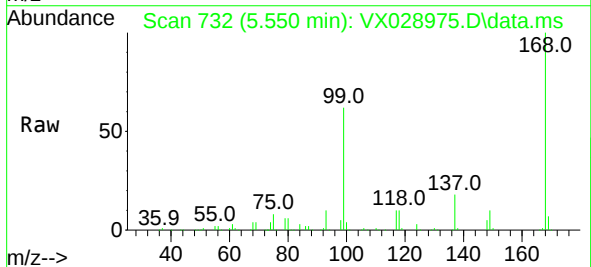
Instrument :
MSVOA_X
ClientSampleId :
RB-220512

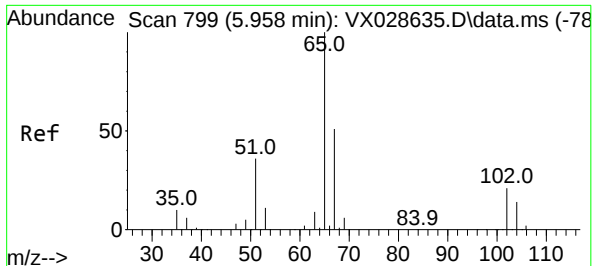
Tgt Ion: 43 Resp: 3122
Ion Ratio Lower Upper
43 100
72 28.0 24.4 36.6



#31
Cyclohexane
Concen: 1.062 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX028975.D
Acq: 26 May 2022 01:55

Tgt Ion: 56 Resp: 6790
Ion Ratio Lower Upper
56 100
69 180.8 26.7 40.1#
84 133.4 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 50.071 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028975.D

Acq: 26 May 2022 01:55

Instrument :

MSVOA_X

ClientSampleId :

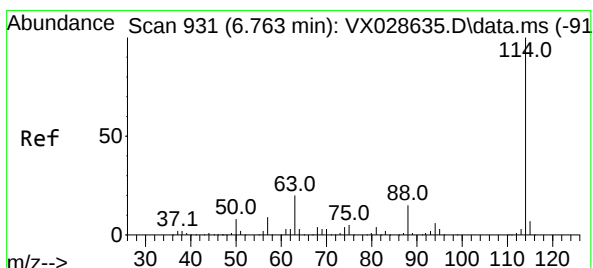
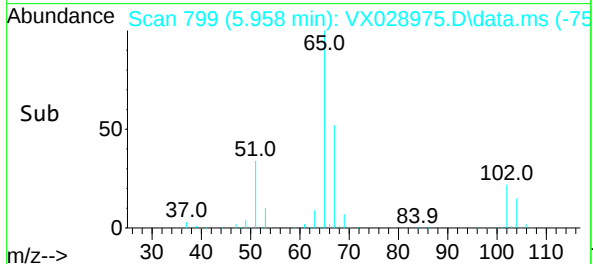
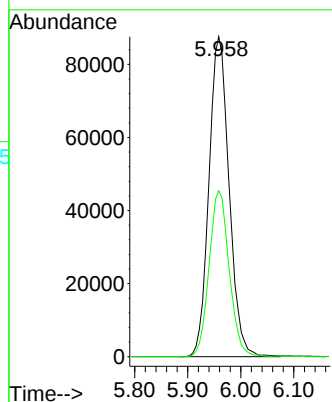
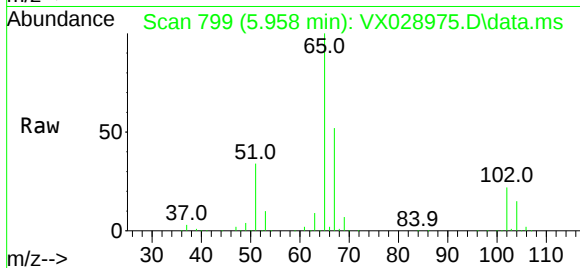
RB-220512

Tgt Ion: 65 Resp: 230724

Ion Ratio Lower Upper

65 100

67 51.7 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: VX028975.D

Acq: 26 May 2022 01:55

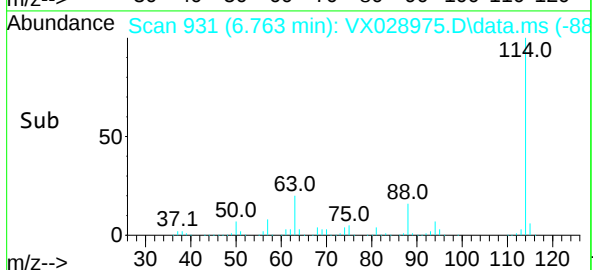
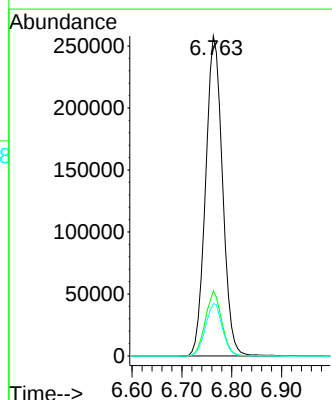
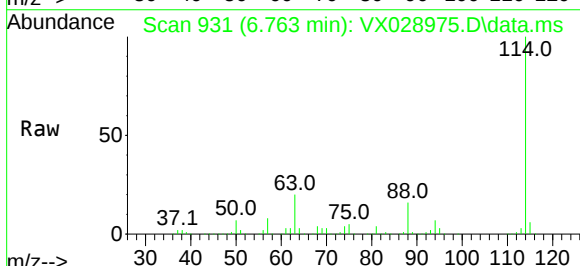
Tgt Ion: 114 Resp: 607351

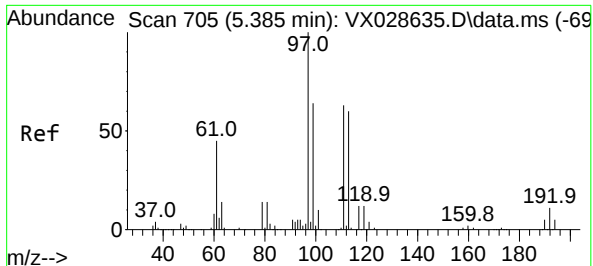
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.8

88 16.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.721 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028975.D

Acq: 26 May 2022 01:55

Instrument :

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ClientSampleId :

RB-220512

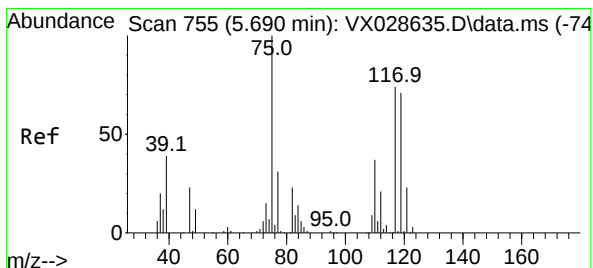
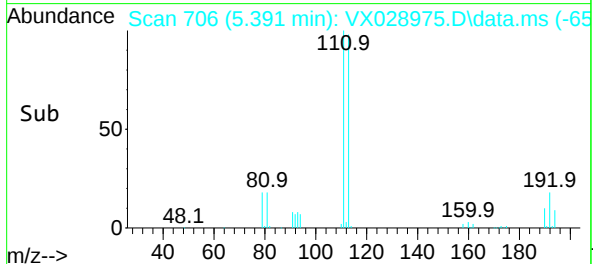
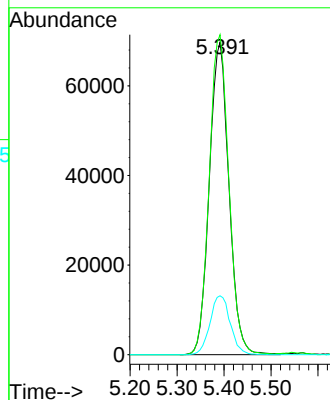
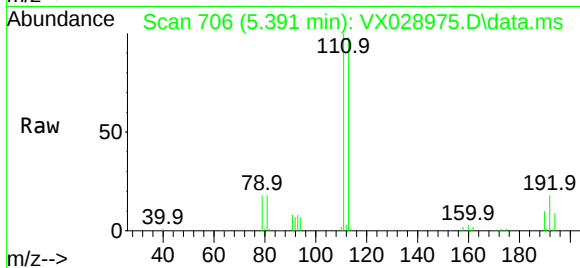
Tgt Ion:113 Resp: 201834

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 19.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.323 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX028975.D

Acq: 26 May 2022 01:55

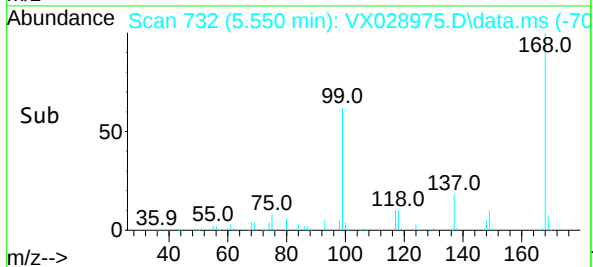
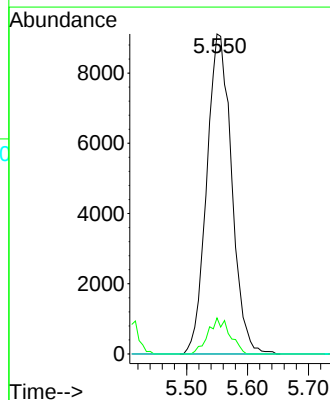
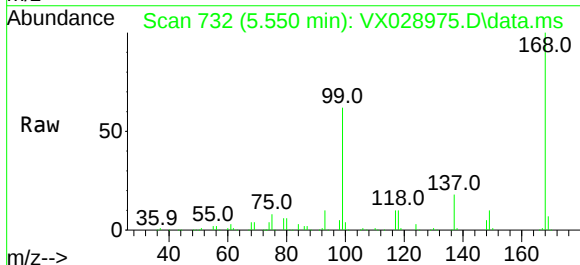
Tgt Ion: 75 Resp: 25840

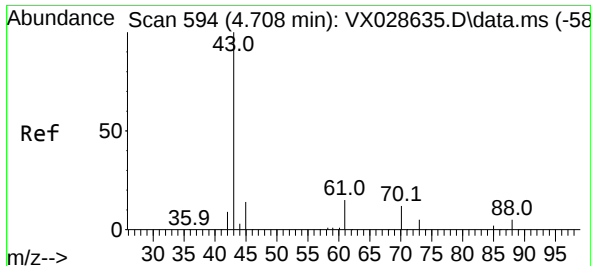
Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.500 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.134 min

Lab File: VX028975.D

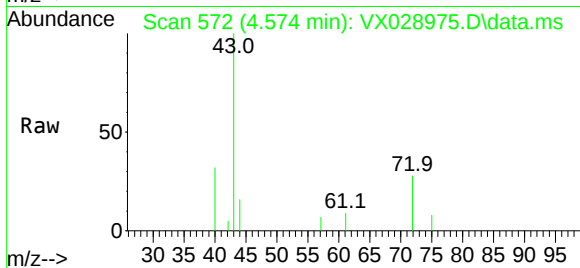
Acq: 26 May 2022 01:55

Instrument :

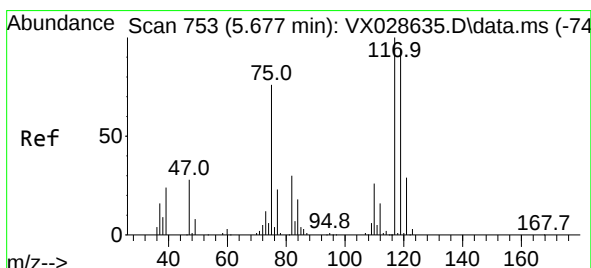
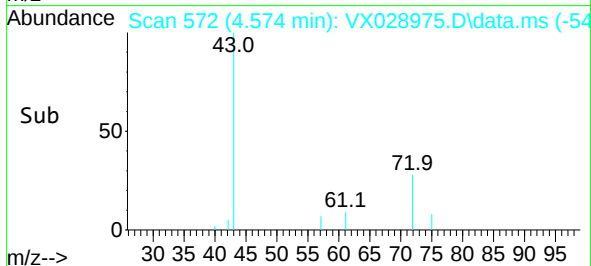
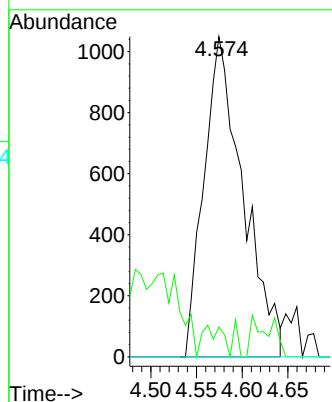
MSVOA_X

ClientSampleId :

RB-220512



Tgt Ion:	43	Resp:	3122
Ion	Ratio	Lower	Upper
43	100		
61	4.8	12.6	19.0#
70	0.0	10.2	15.2#



#38

Carbon Tetrachloride

Concen: 5.888 ug/l

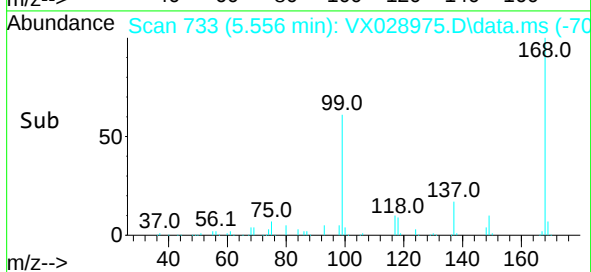
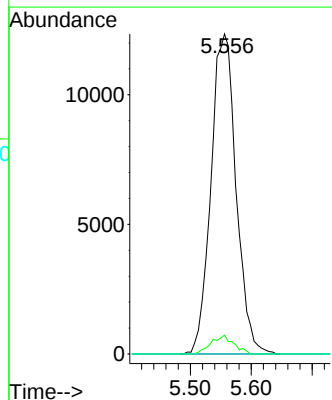
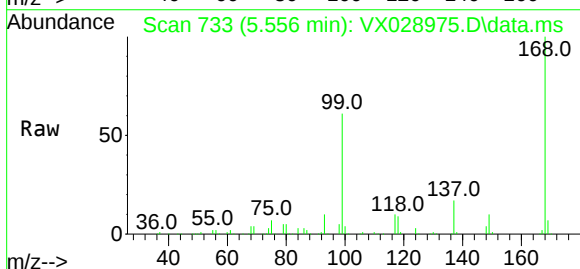
RT: 5.556 min Scan# 733

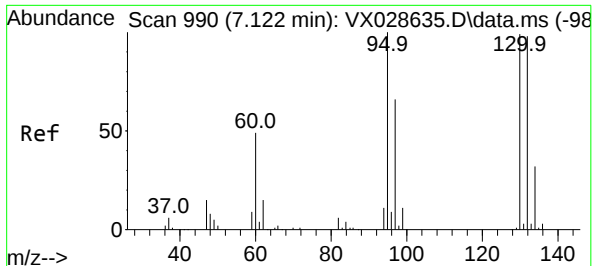
Delta R.T. -0.121 min

Lab File: VX028975.D

Acq: 26 May 2022 01:55

Tgt Ion:	117	Resp:	35414
Ion	Ratio	Lower	Upper
117	100		
119	5.9	77.3	115.9#
121	0.0	24.2	36.2#

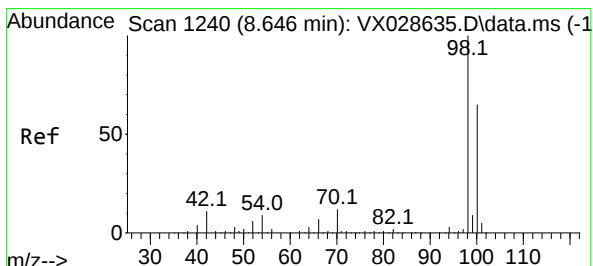
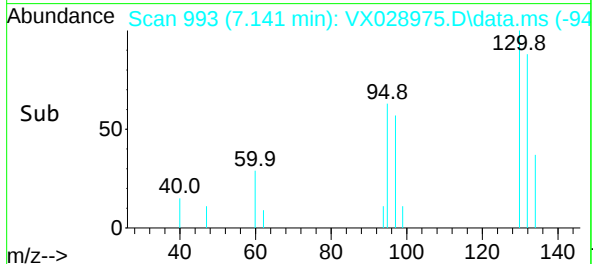
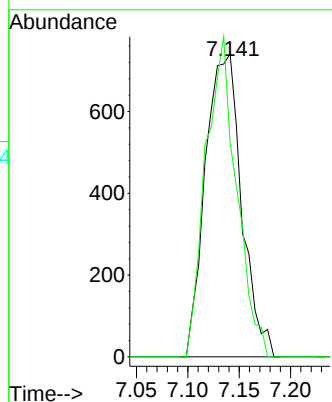
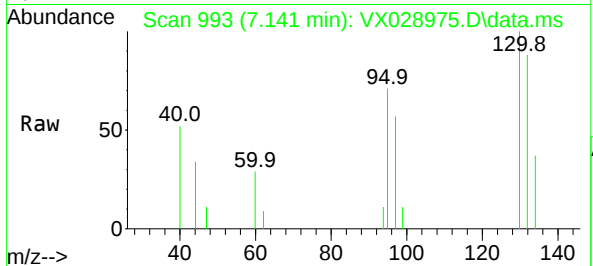




#44
Trichloroethene
Concen: 0.389 ug/l
RT: 7.141 min Scan# 94
Delta R.T. 0.019 min
Lab File: VX028975.D
Acq: 26 May 2022 01:55

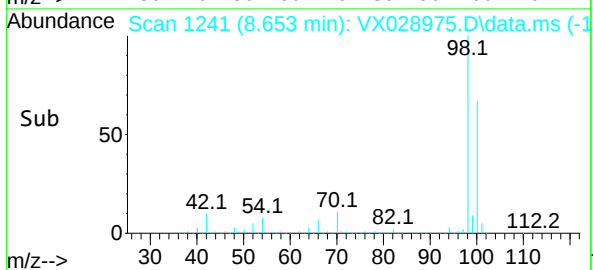
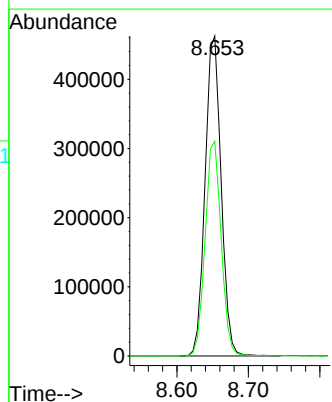
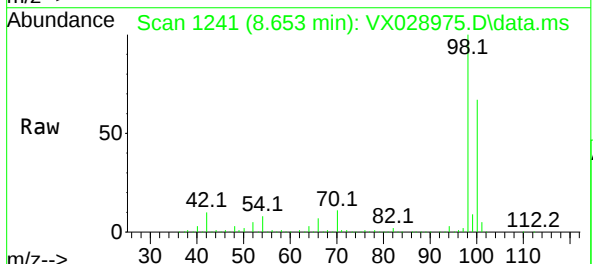
Instrument :
MSVOA_X
ClientSampleId :
RB-220512

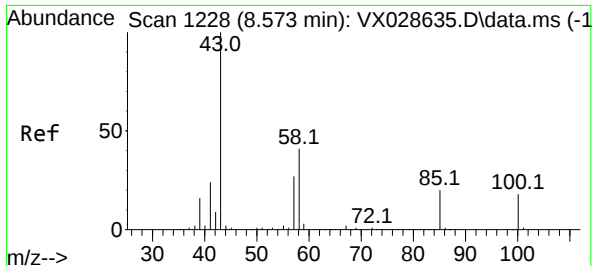
Tgt Ion:130 Resp: 1812
Ion Ratio Lower Upper
130 100
95 70.7 0.0 188.8



#50
Toluene-d8
Concen: 48.117 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028975.D
Acq: 26 May 2022 01:55

Tgt Ion: 98 Resp: 721873
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.218 ug/l

RT: 8.580 min Scan# 1

Delta R.T. 0.007 min

Lab File: VX028975.D

Acq: 26 May 2022 01:55

Instrument :

MSVOA_X

ClientSampleId :

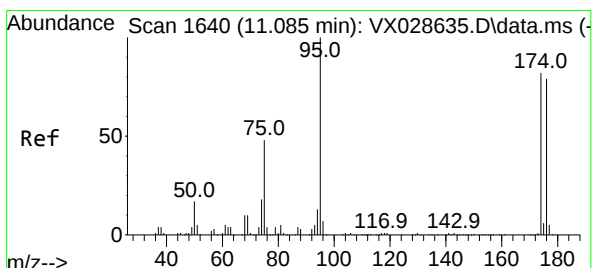
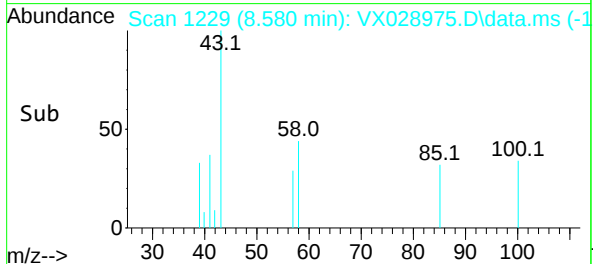
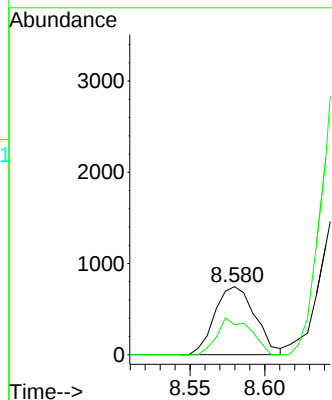
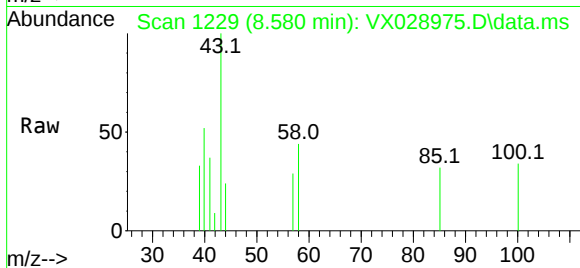
RB-220512

Tgt Ion: 43 Resp: 1405

Ion Ratio Lower Upper

43 100

58 44.6 36.1 54.1



#62

4-Bromofluorobenzene

Concen: 50.549 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028975.D

Acq: 26 May 2022 01:55

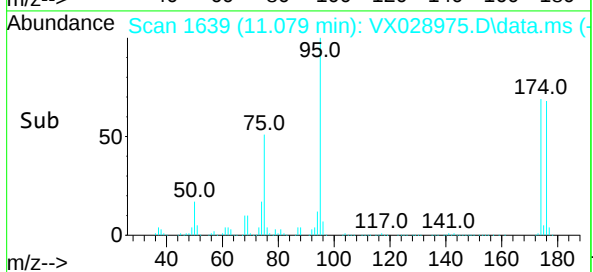
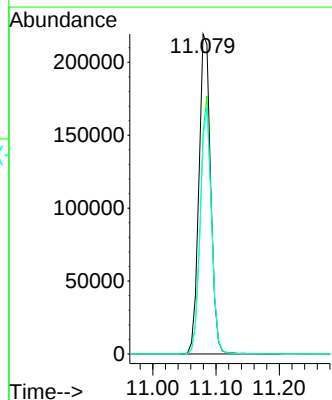
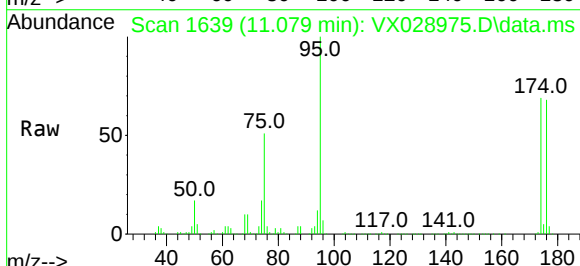
Tgt Ion: 95 Resp: 283255

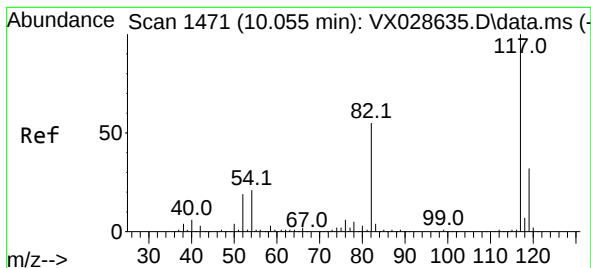
Ion Ratio Lower Upper

95 100

174 76.3 0.0 163.0

176 74.1 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: VX028975.D

Acq: 26 May 2022 01:55

Instrument :

MSVOA_X

ClientSampleId :

RB-220512

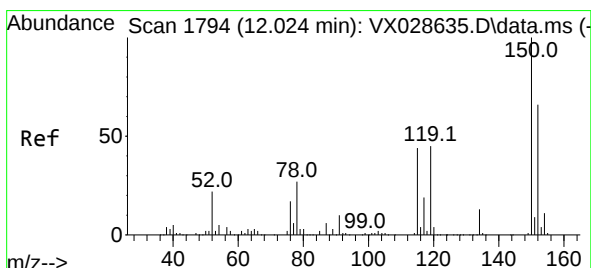
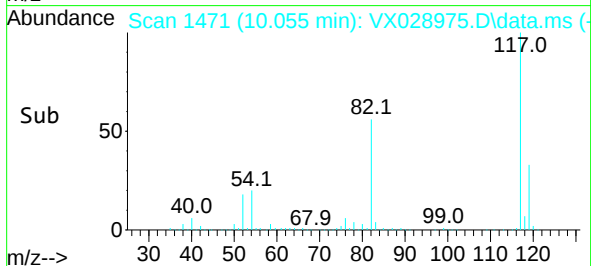
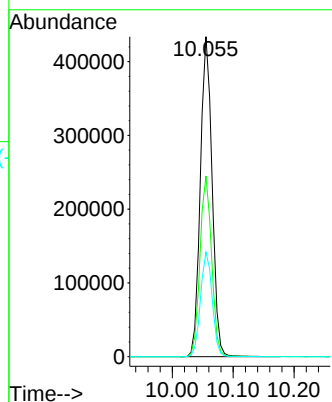
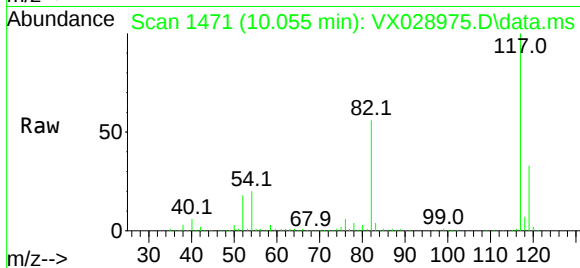
Tgt Ion:117 Resp: 579821

Ion Ratio Lower Upper

117 100

82 56.4 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: VX028975.D

Acq: 26 May 2022 01:55

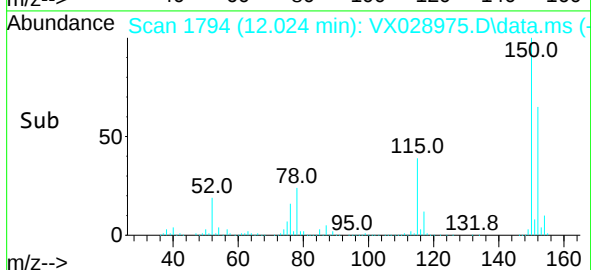
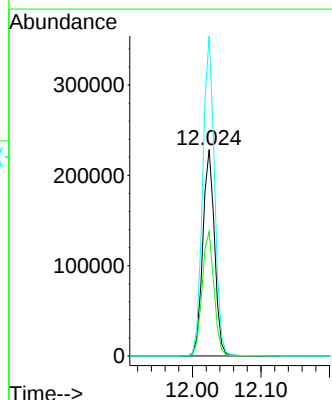
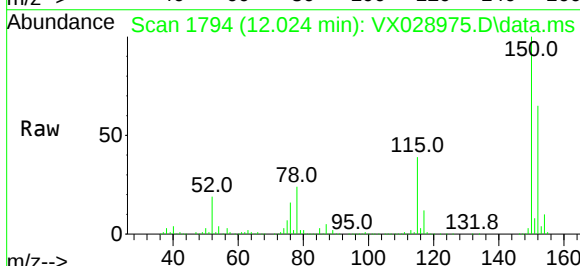
Tgt Ion:152 Resp: 273537

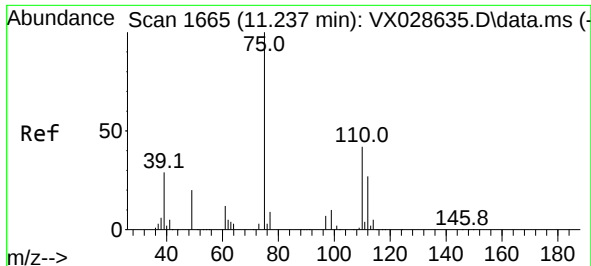
Ion Ratio Lower Upper

152 100

115 60.8 37.5 112.7

150 155.3 0.0 338.2

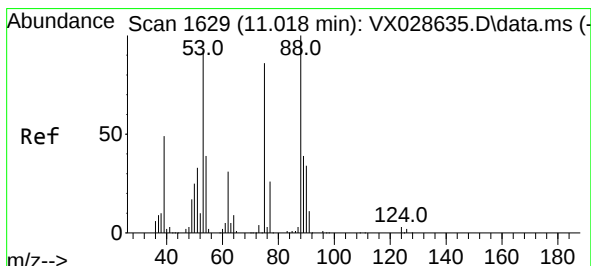
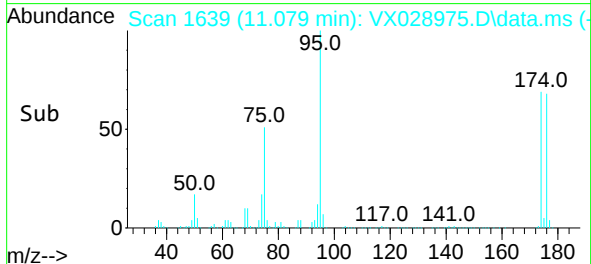
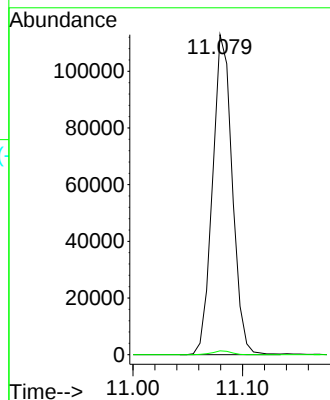
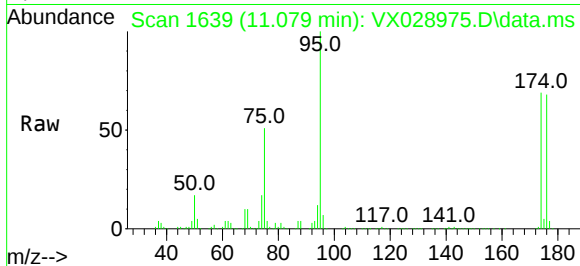




#76
1,2,3-Trichloropropane
Concen: 22.018 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028975.D
Acq: 26 May 2022 01:55

Instrument :
MSVOA_X
ClientSampleId :
RB-220512

Tgt Ion: 75 Resp: 141047
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.471 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028975.D
Acq: 26 May 2022 01:55

Tgt Ion: 75 Resp: 141047
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

