

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028876.D
 Acq On : 21 May 2022 02:14
 Operator : JC/MD
 Sample : N2970-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB01-20220518

Quant Time: May 21 02:51:03 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)

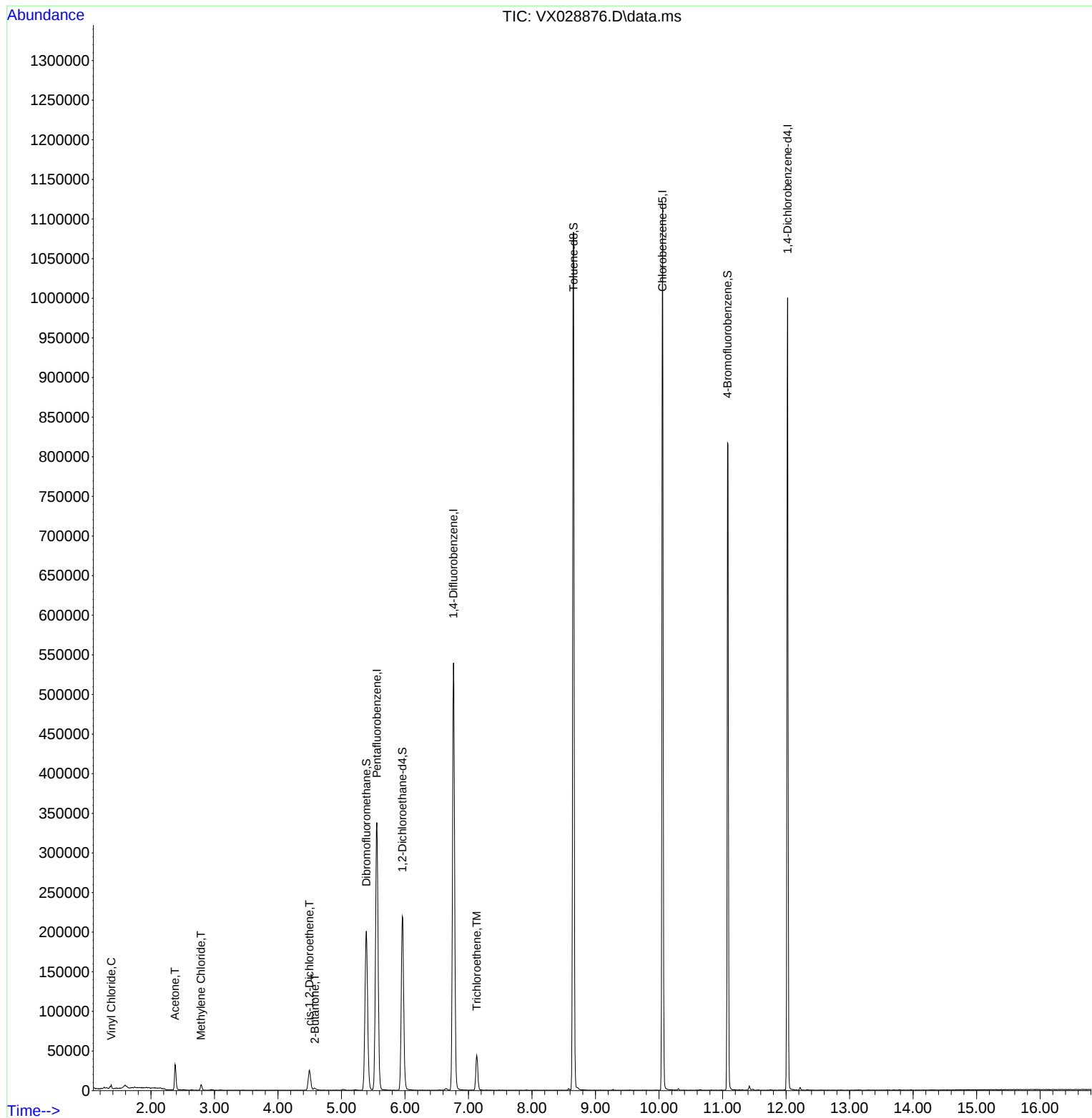
Internal Standards						
1) Pentafluorobenzene	5.556	168	309844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	544945	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	486841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	221880	52.241	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.480%	
35) Dibromofluoromethane	5.391	113	175687	49.207	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.420%	
50) Toluene-d8	8.653	98	648271	48.159	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.320%	
62) 4-Bromofluorobenzene	11.079	95	227605	45.269	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 90.540%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	2563	0.622	ug/l #	82
16) Acetone	2.380	43	35315	19.374	ug/l	94
20) Methylene Chloride	2.788	84	3254	0.851	ug/l	87
25) 2-Butanone	4.580	43	5103	1.784	ug/l #	88
27) cis-1,2-Dichloroethene	4.495	96	16171	3.833	ug/l	92
44) Trichloroethene	7.129	130	17760	4.249	ug/l	85

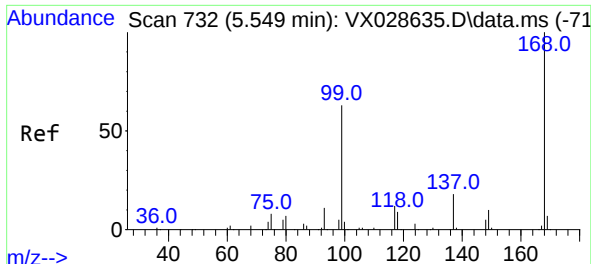
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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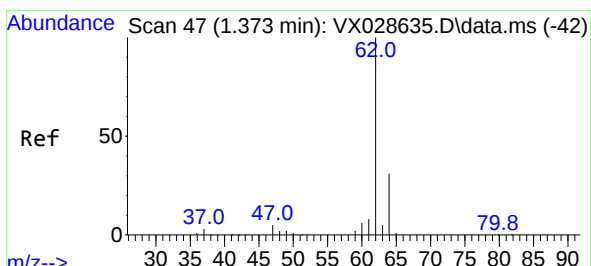
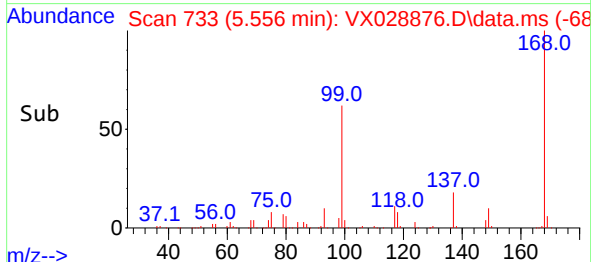
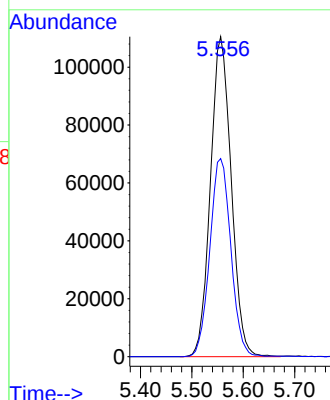
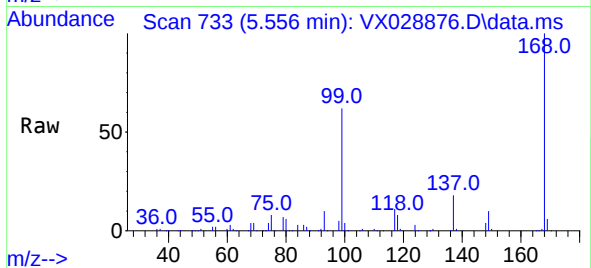




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028876.D
Acq: 21 May 2022 02:14

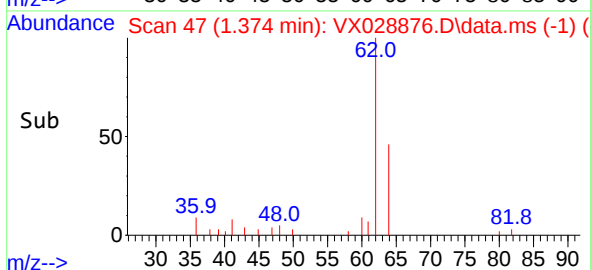
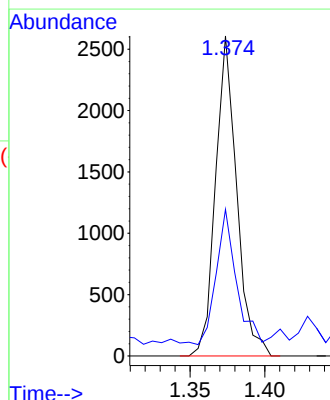
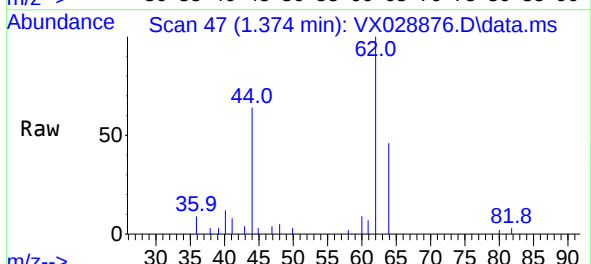
Instrument :
MSVOA_X
ClientSampleId :
RB01-20220518

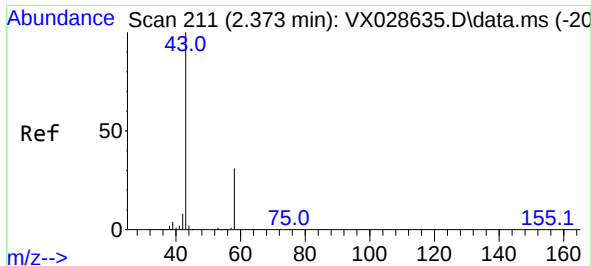
Tgt Ion:168 Resp: 309844
Ion Ratio Lower Upper
168 100
99 61.9 41.7 62.5



#4
Vinyl Chloride
Concen: 0.622 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028876.D
Acq: 21 May 2022 02:14

Tgt Ion: 62 Resp: 2563
Ion Ratio Lower Upper
62 100
64 41.7 25.5 38.3#

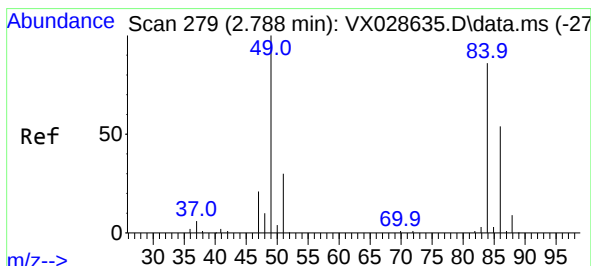
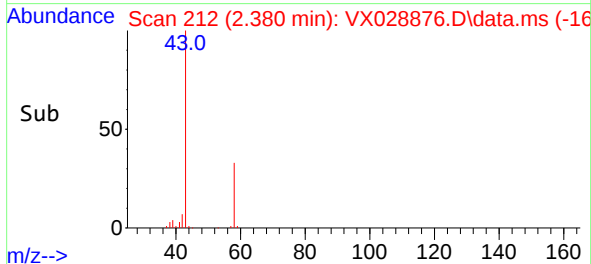
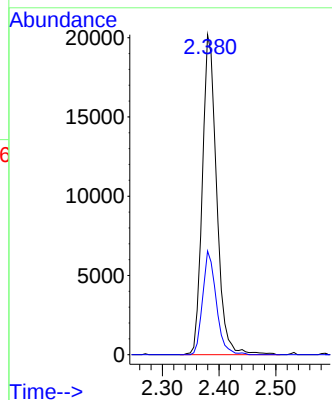
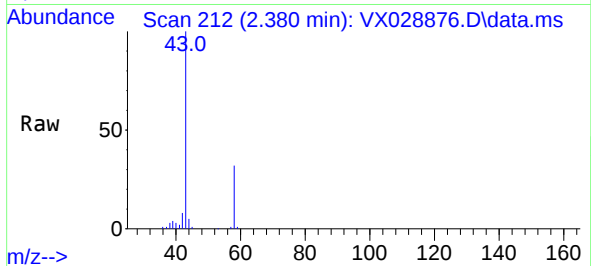




#16
Acetone
Concen: 19.374 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028876.D
Acq: 21 May 2022 02:14

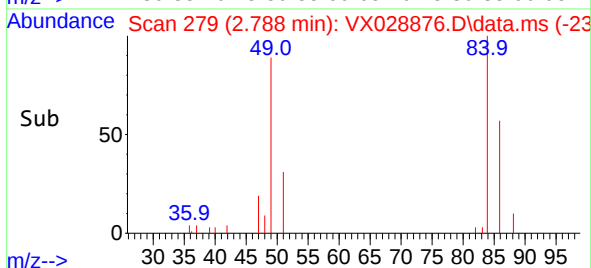
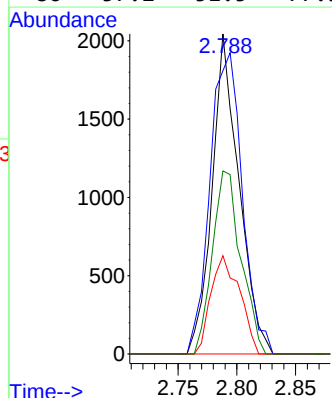
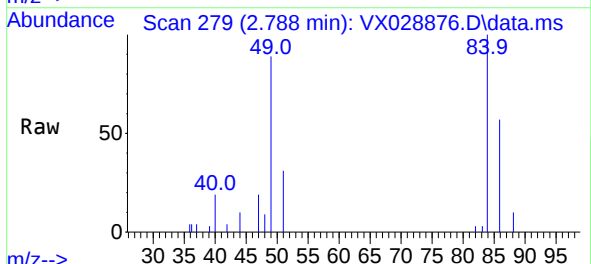
Instrument :
MSVOA_X
ClientSampleId :
RB01-20220518

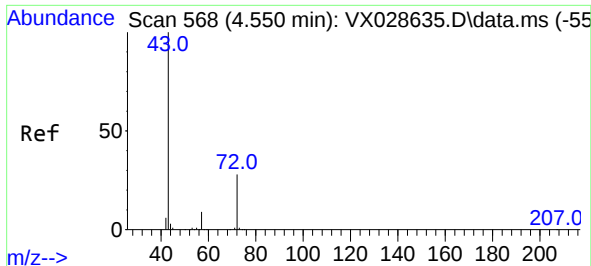
Tgt Ion: 43 Resp: 35315
Ion Ratio Lower Upper
43 100
58 32.4 28.8 43.2



#20
Methylene Chloride
Concen: 0.851 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028876.D
Acq: 21 May 2022 02:14

Tgt Ion: 84 Resp: 3254
Ion Ratio Lower Upper
84 100
49 88.5 85.5 128.3
51 30.7 26.6 39.8
86 57.2 51.5 77.3

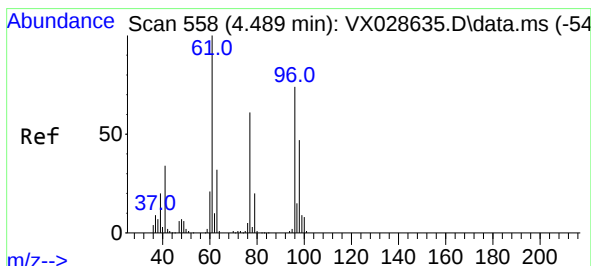
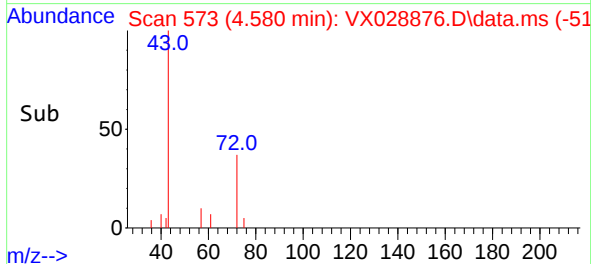
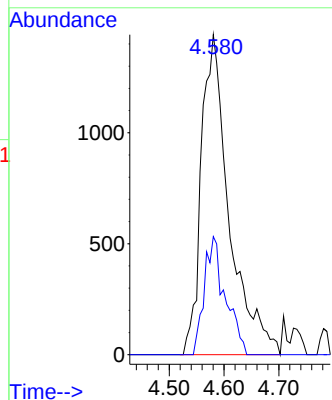
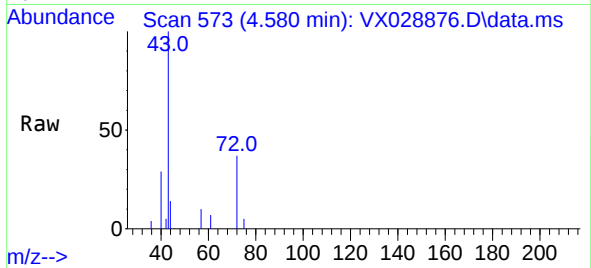




#25
2-Butanone
Concen: 1.784 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX028876.D
Acq: 21 May 2022 02:14

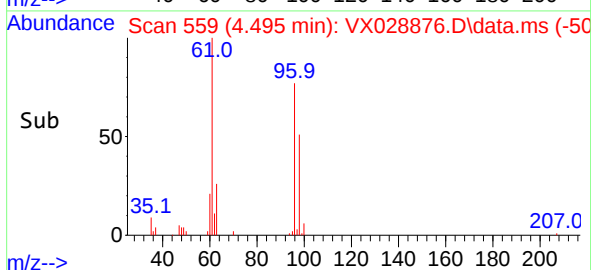
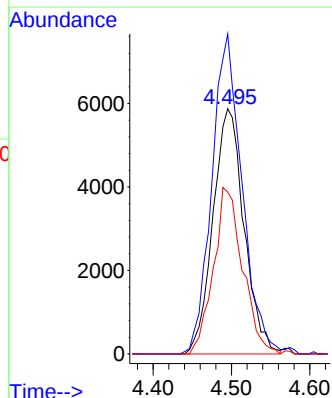
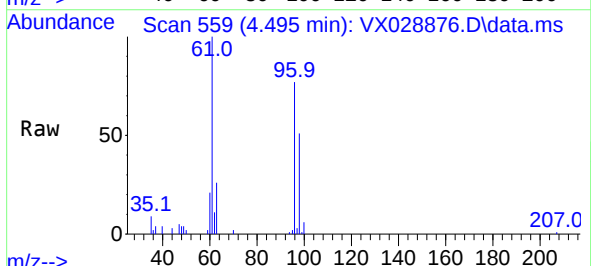
Instrument :
MSVOA_X
ClientSampleId :
RB01-20220518

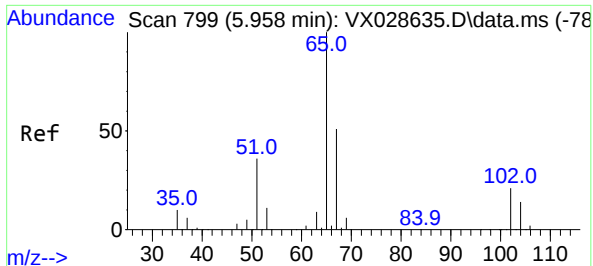
Tgt Ion: 43 Resp: 5103
Ion Ratio Lower Upper
43 100
72 36.9 24.4 36.6#



#27
cis-1,2-Dichloroethene
Concen: 3.833 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX028876.D
Acq: 21 May 2022 02:14

Tgt Ion: 96 Resp: 16171
Ion Ratio Lower Upper
96 100
61 127.8 0.0 283.8
98 63.8 0.0 129.8





#33

1,2-Dichloroethane-d4

Concen: 52.241 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028876.D

Acq: 21 May 2022 02:14

Instrument :

MSVOA_X

ClientSampleId :

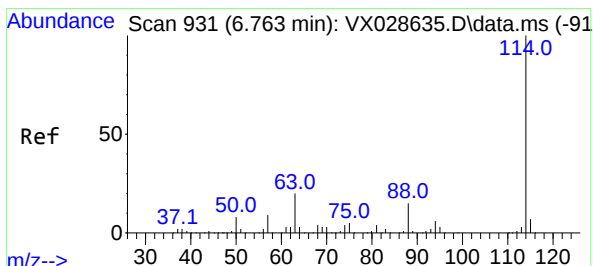
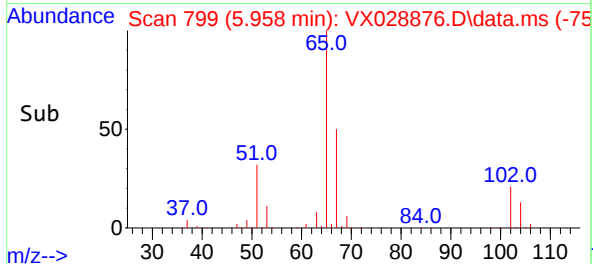
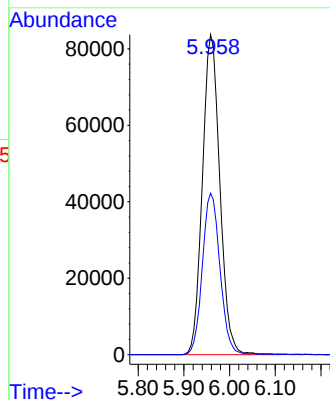
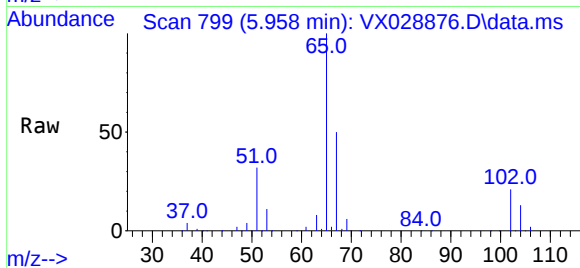
RB01-20220518

Tgt Ion: 65 Resp: 221880

Ion Ratio Lower Upper

65 100

67 50.9 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: VX028876.D

Acq: 21 May 2022 02:14

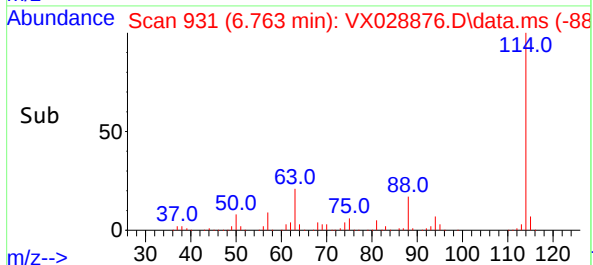
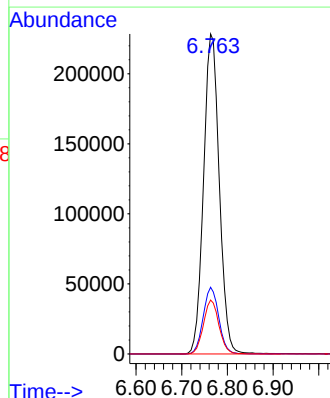
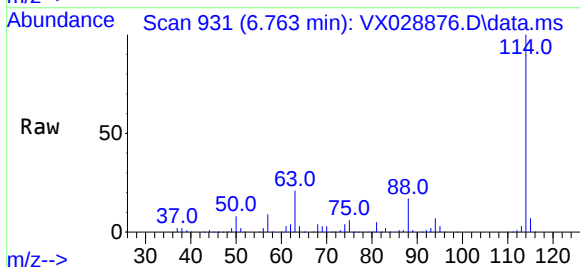
Tgt Ion: 114 Resp: 544945

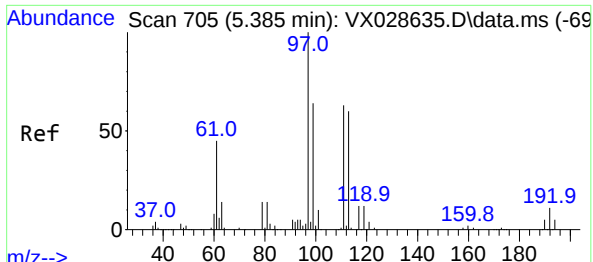
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.8

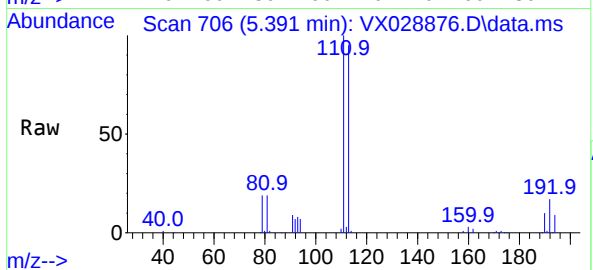
88 16.8 0.0 32.4



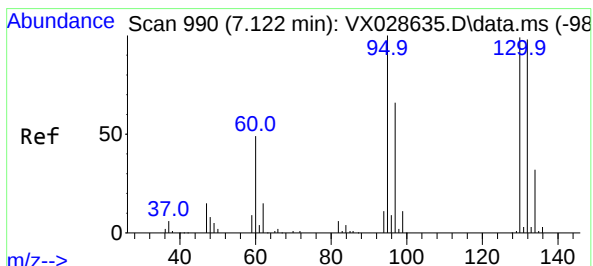
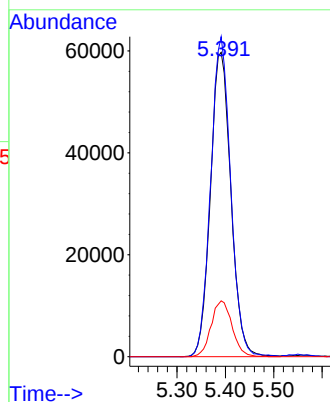
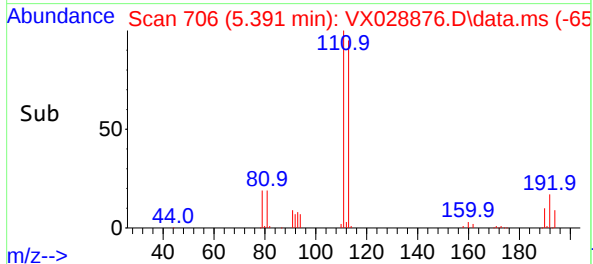


#35
Dibromofluoromethane
Concen: 49.207 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028876.D
Acq: 21 May 2022 02:14

Instrument :
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ClientSampleId :
RB01-20220518

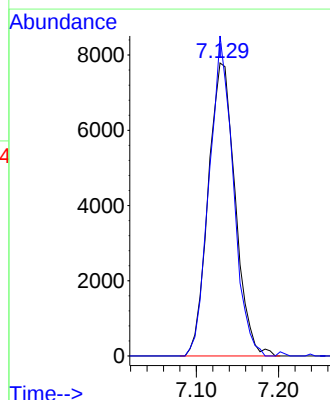
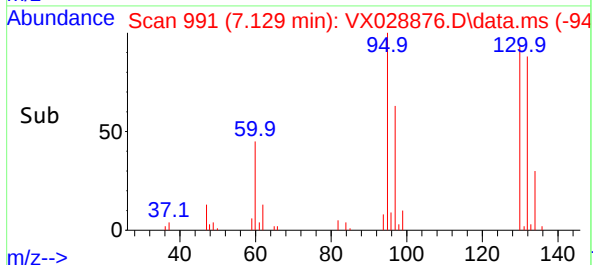
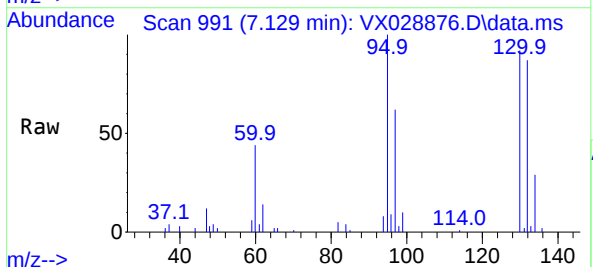


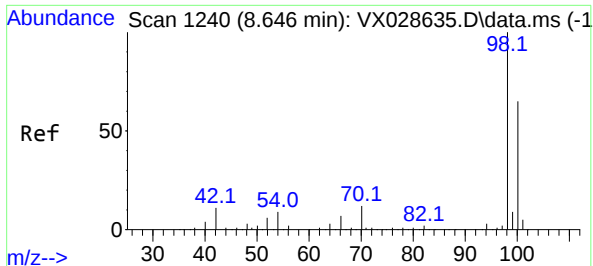
Tgt Ion:113 Resp: 175687
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.8 16.9 25.3



#44
Trichloroethene
Concen: 4.249 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028876.D
Acq: 21 May 2022 02:14

Tgt Ion:130 Resp: 17760
Ion Ratio Lower Upper
130 100
95 109.2 0.0 188.8

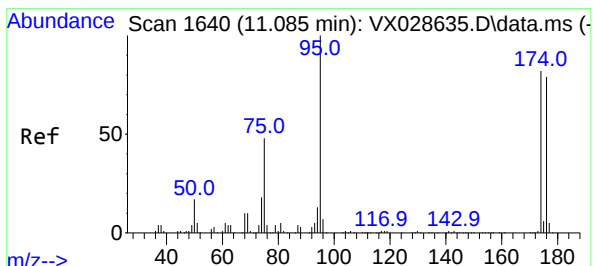
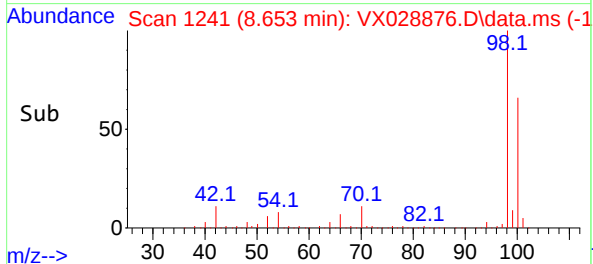
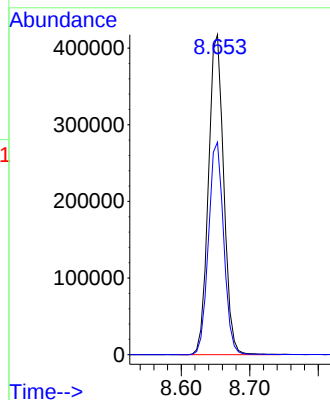
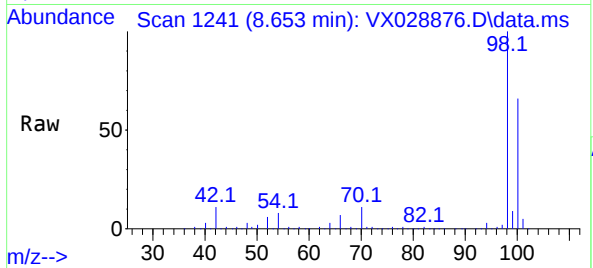




#50
Toluene-d8
Concen: 48.159 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028876.D
Acq: 21 May 2022 02:14

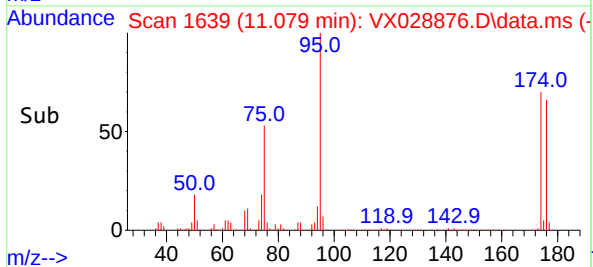
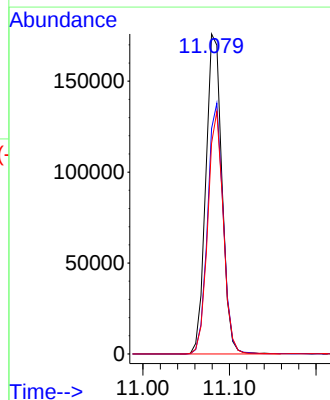
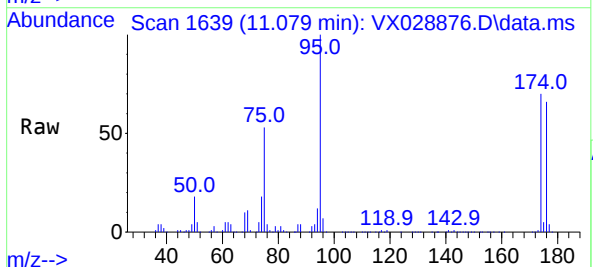
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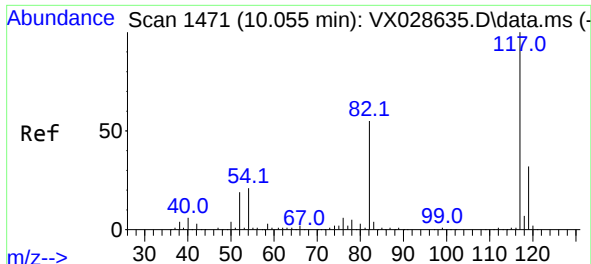
Tgt Ion: 98 Resp: 648271
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.269 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028876.D
Acq: 21 May 2022 02:14

Tgt Ion: 95 Resp: 227605
Ion Ratio Lower Upper
95 100
174 75.8 0.0 163.0
176 72.8 0.0 155.0

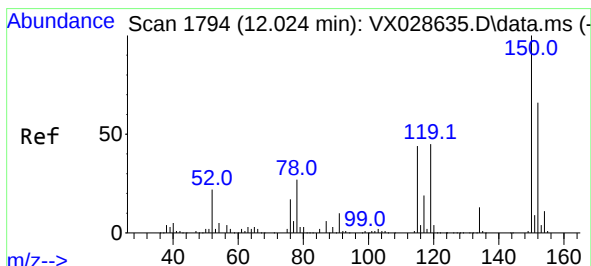
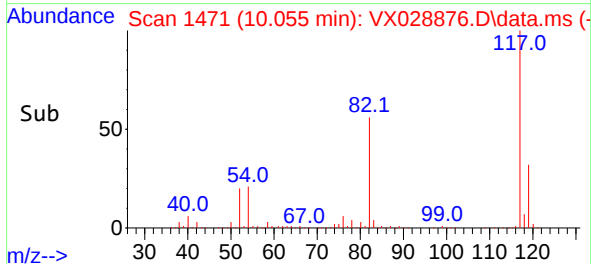
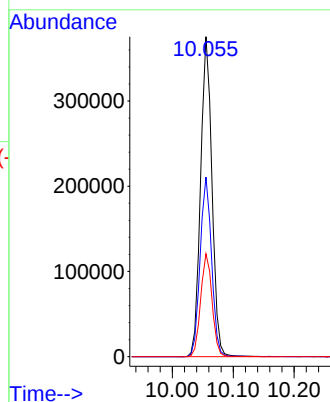
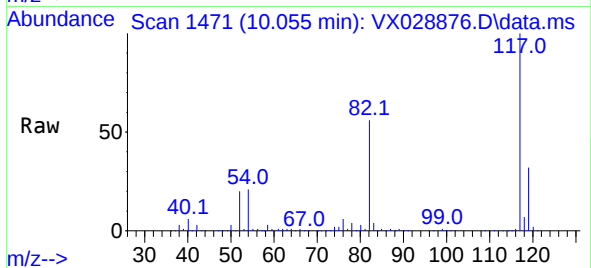




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028876.D
Acq: 21 May 2022 02:14

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 486841
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 32.2 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: VX028876.D
Acq: 21 May 2022 02:14

Tgt Ion:152 Resp: 203346
Ion Ratio Lower Upper
152 100
115 63.0 37.5 112.7
150 157.4 0.0 338.2

