

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052322\
 Data File : VX028894.D
 Acq On : 23 May 2022 15:12
 Operator : JC/MD
 Sample : N2970-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB01-20220518

Quant Time: May 24 05:33:10 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

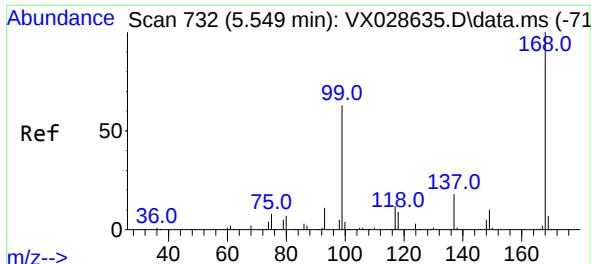
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	362142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	639897	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	606368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	291228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	244921	49.338	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.680%
35) Dibromofluoromethane	5.385	113	208031	49.620	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.240%
50) Toluene-d8	8.653	98	753098	47.645	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.280%
62) 4-Bromofluorobenzene	11.079	95	307832	52.141	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.280%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	1537	Below Cal		93
6) Chloroethane	1.697	64	245	Below Cal		96
10) Methyl Iodide	2.465	142	1035	0.214	ug/l	93
11) Tert butyl alcohol	2.953	59	4504	Below Cal	#	74
16) Acetone	2.380	43	40316	18.923	ug/l	93
20) Methylene Chloride	2.788	84	3494	0.782	ug/l	97
25) 2-Butanone	4.568	43	6143	1.837	ug/l	93
29) Tetrahydrofuran	5.032	42	1270	0.584	ug/l	# 79
31) Cyclohexane	5.556	56	7223	1.048	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	28419	4.513	ug/l	# 50
37) Ethyl Acetate	4.568	43	6143	0.934	ug/l	# 65
38) Carbon Tetrachloride	5.556	117	38239	6.034	ug/l	# 15
41) Methacrylonitrile	5.038	41	773	0.219	ug/l	# 27
51) 4-Methyl-2-Pentanone	8.580	43	1690	0.249	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	155570	22.810	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	155570	66.650	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
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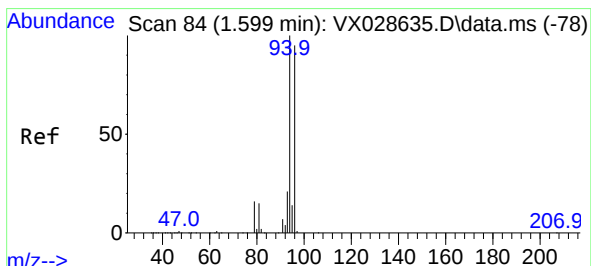
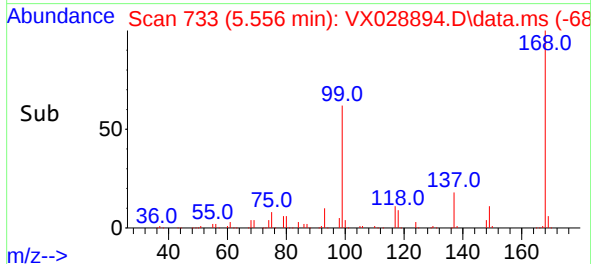
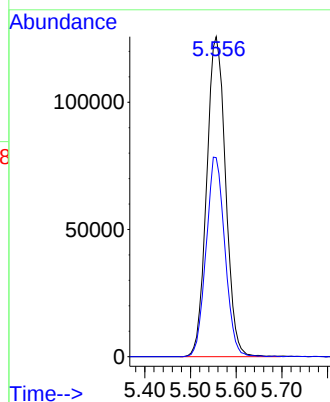
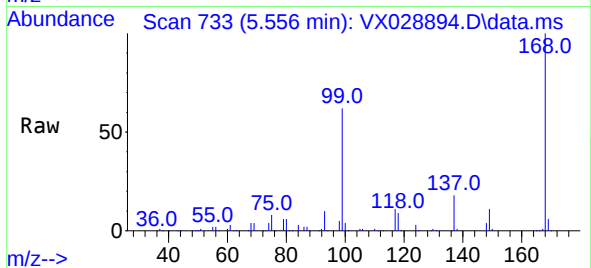




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028894.D
Acq: 23 May 2022 15:12

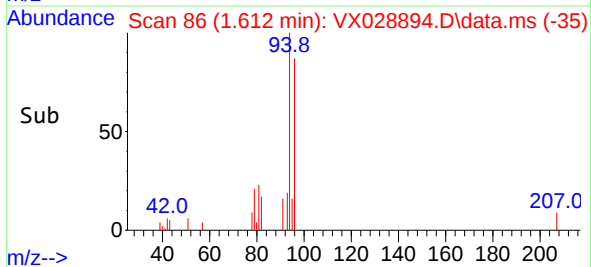
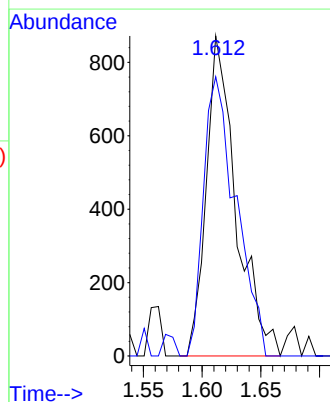
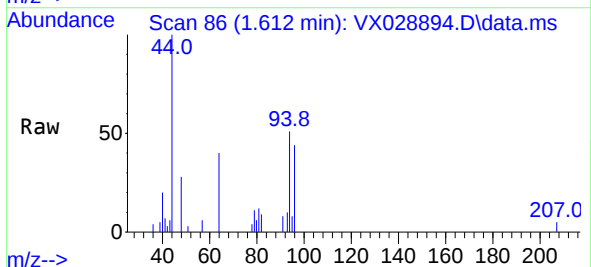
Instrument :
MSVOA_X
ClientSampleId :
RB01-20220518

Tgt Ion:168 Resp: 362142
Ion Ratio Lower Upper
168 100
99 62.2 41.7 62.5

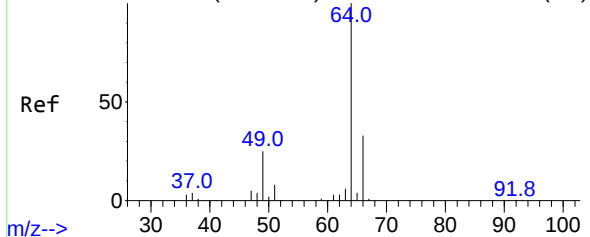


#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX028894.D
Acq: 23 May 2022 15:12

Tgt Ion: 94 Resp: 1537
Ion Ratio Lower Upper
94 100
96 87.3 75.3 112.9



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

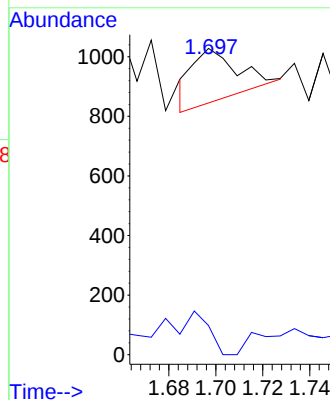
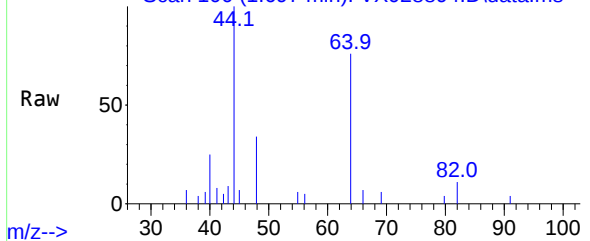


#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 10
Delta R.T. 0.019 min
Lab File: VX028894.D
Acq: 23 May 2022 15:12

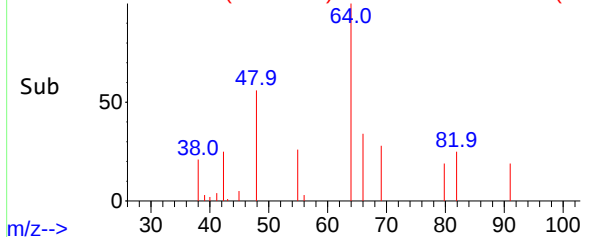
Instrument :
MSVOA_X
ClientSampleId :
RB01-20220518

Tgt Ion: 64 Resp: 245
Ion Ratio Lower Upper
64 100
66 34.0 25.3 37.9

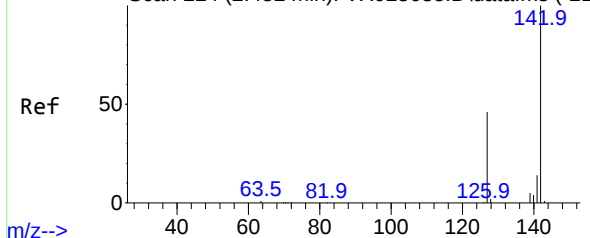
Abundance Scan 100 (1.697 min): VX028894.D\data.ms



Abundance Scan 100 (1.697 min): VX028894.D\data.ms (-48)



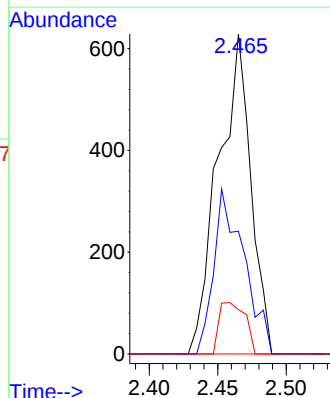
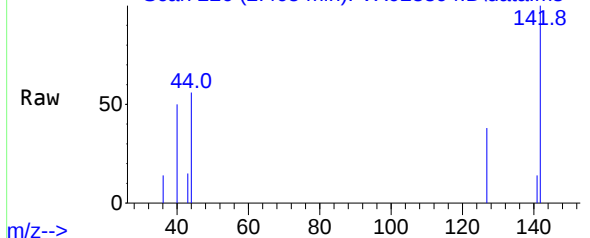
Abundance Scan 224 (2.452 min): VX028635.D\data.ms (-21)



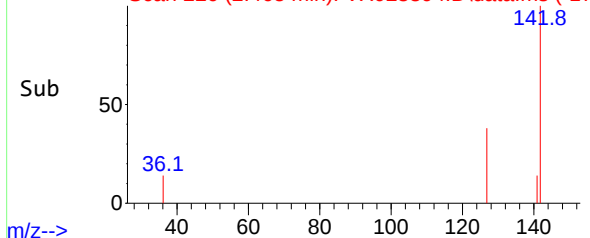
#10
Methyl Iodide
Concen: 0.214 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.013 min
Lab File: VX028894.D
Acq: 23 May 2022 15:12

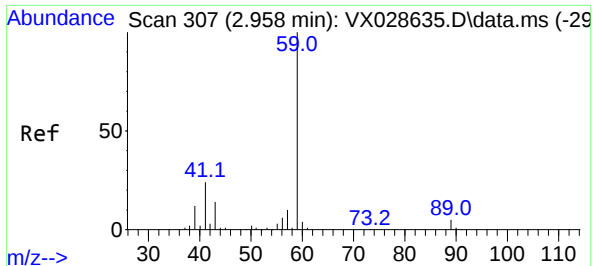
Tgt Ion: 142 Resp: 1035
Ion Ratio Lower Upper
142 100
127 47.9 33.9 50.9
141 12.9 11.4 17.2

Abundance Scan 226 (2.465 min): VX028894.D\data.ms



Abundance Scan 226 (2.465 min): VX028894.D\data.ms (-17)





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 307

Delta R.T. -0.005 min

Lab File: VX028894.D

Acq: 23 May 2022 15:12

Instrument :

MSVOA_X

ClientSampleId :

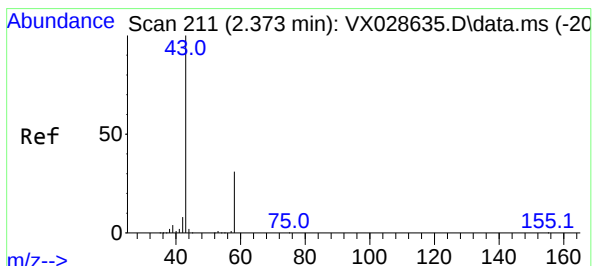
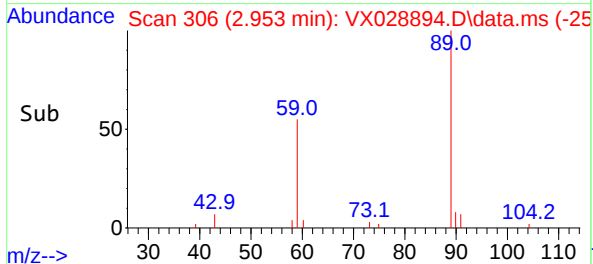
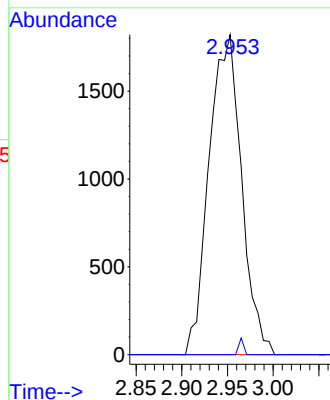
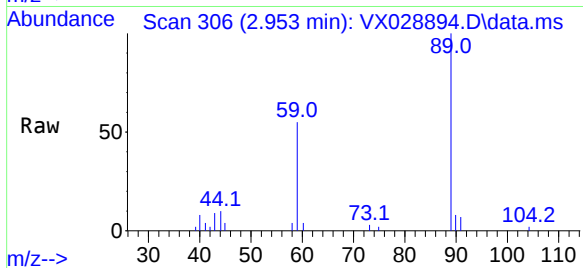
RB01-20220518

Tgt Ion: 59 Resp: 4504

Ion Ratio Lower Upper

59 100

57 0.8 8.3 12.5#



#16

Acetone

Concen: 18.923 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028894.D

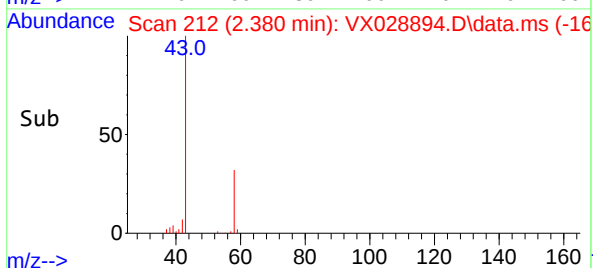
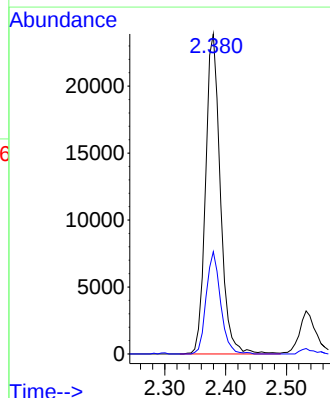
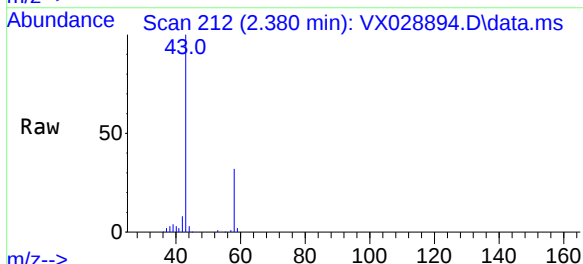
Acq: 23 May 2022 15:12

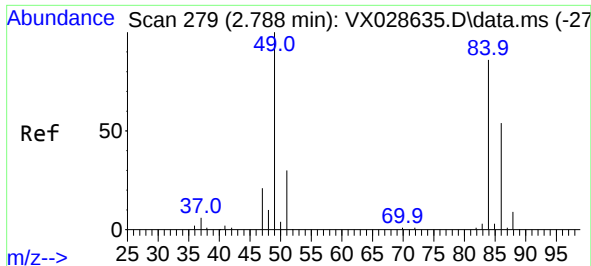
Tgt Ion: 43 Resp: 40316

Ion Ratio Lower Upper

43 100

58 32.0 28.8 43.2





#20

Methylene Chloride

Concen: 0.782 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX028894.D

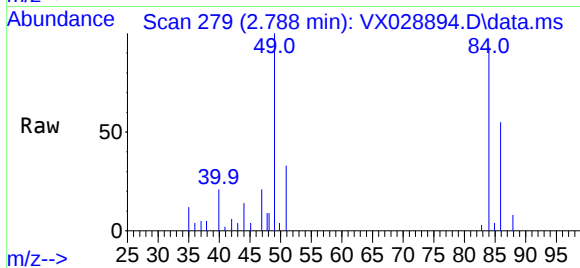
Acq: 23 May 2022 15:12

Instrument :

MSVOA_X

ClientSampleId :

RB01-20220518



Tgt Ion: 84 Resp: 3494

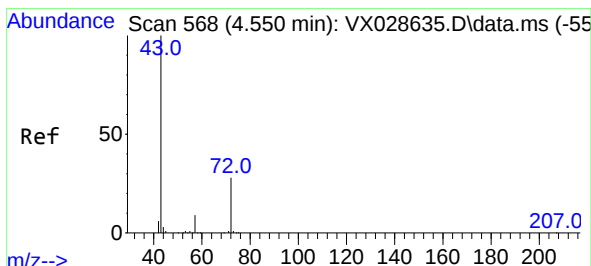
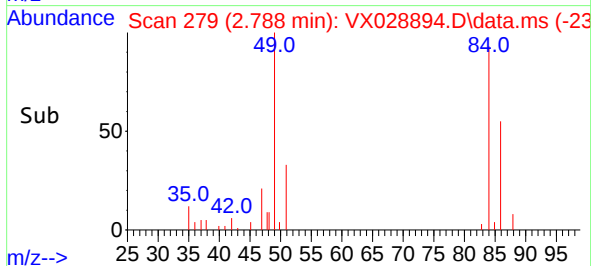
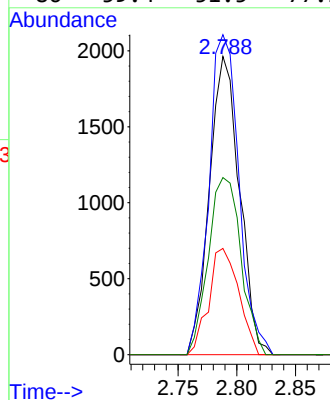
Ion Ratio Lower Upper

84 100

49 107.3 85.5 128.3

51 35.6 26.6 39.8

86 59.4 51.5 77.3



#25

2-Butanone

Concen: 1.837 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.018 min

Lab File: VX028894.D

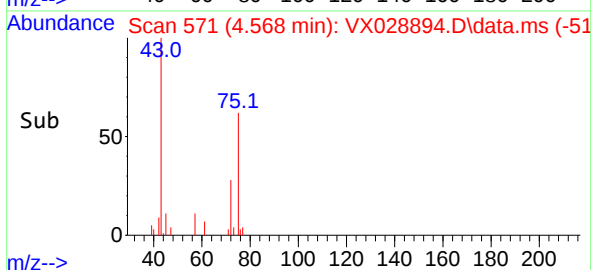
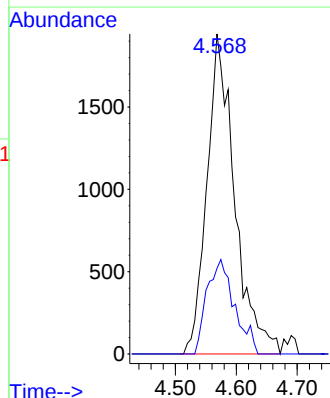
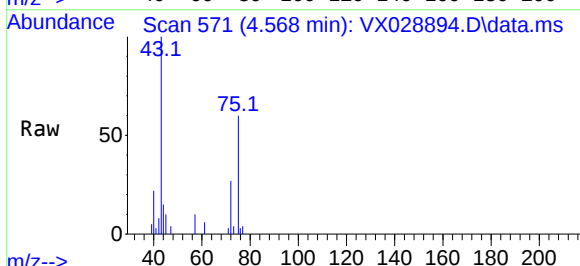
Acq: 23 May 2022 15:12

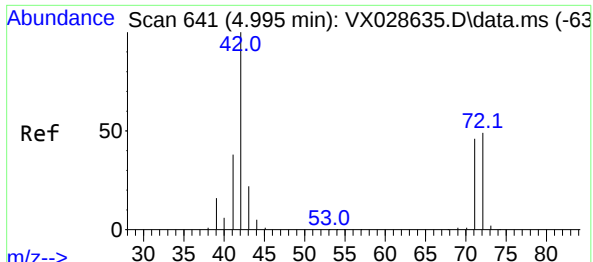
Tgt Ion: 43 Resp: 6143

Ion Ratio Lower Upper

43 100

72 26.7 24.4 36.6

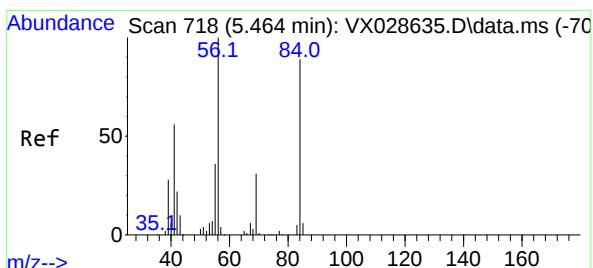
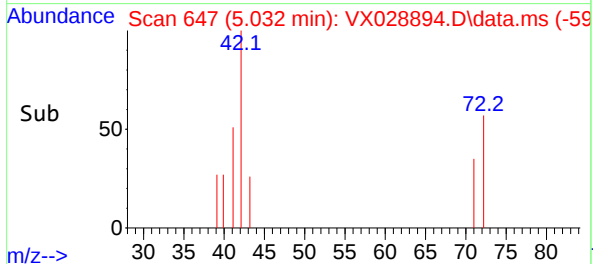
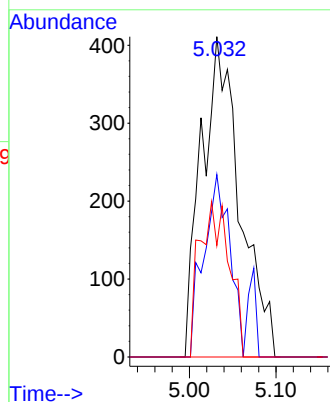
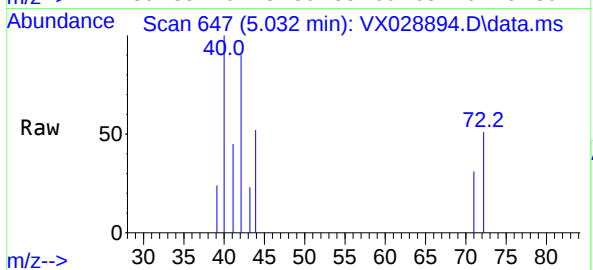




#29
Tetrahydrofuran
Concen: 0.584 ug/l
RT: 5.032 min Scan# 641
Delta R.T. 0.037 min
Lab File: VX028894.D
Acq: 23 May 2022 15:12

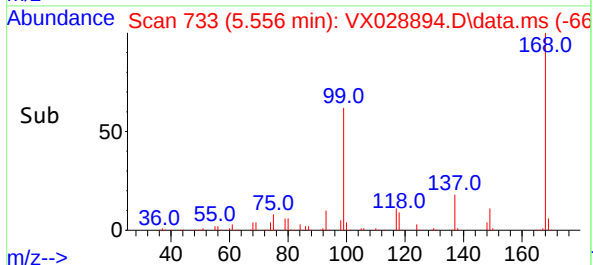
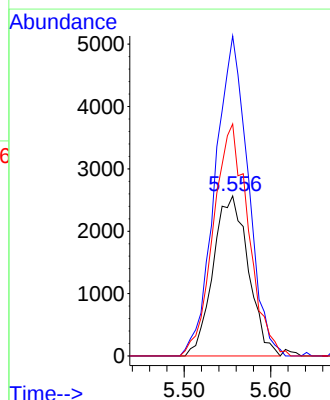
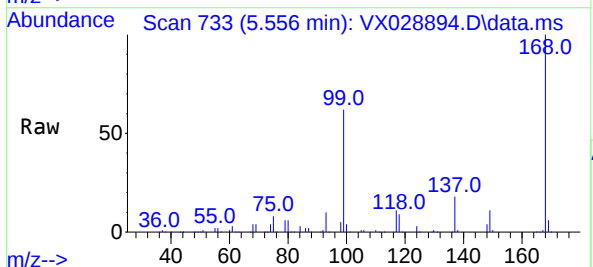
Instrument :
MSVOA_X
ClientSampleId :
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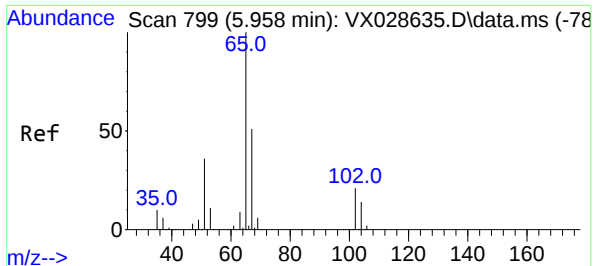
Tgt Ion:	42	Resp:	1270
Ion	Ratio	Lower	Upper
42	100		
72	38.7	44.1	66.1#
71	37.5	40.5	60.7#



#31
Cyclohexane
Concen: 1.048 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX028894.D
Acq: 23 May 2022 15:12

Tgt Ion:	56	Resp:	7223
Ion	Ratio	Lower	Upper
56	100		
69	200.1	26.7	40.1#
84	145.1	77.2	115.8#

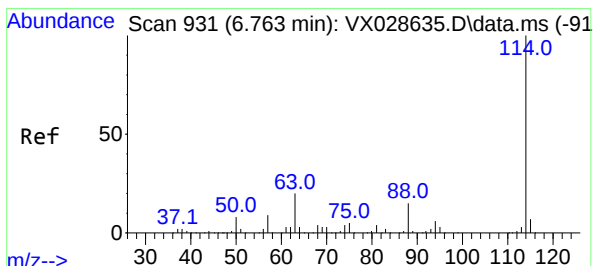
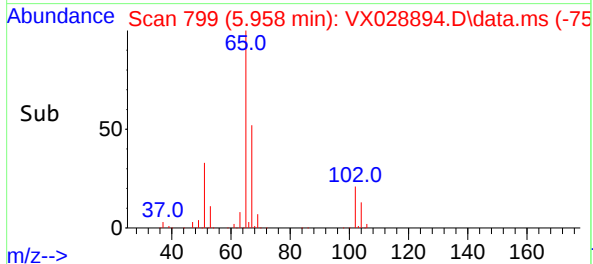
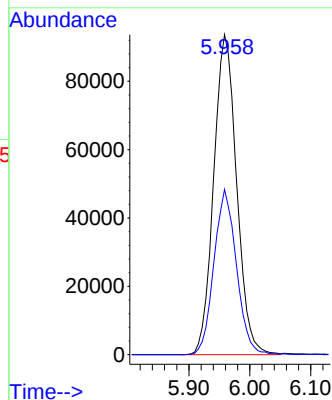
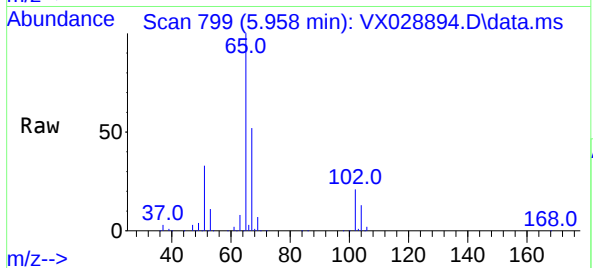




#33
1,2-Dichloroethane-d4
Concen: 49.338 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028894.D
Acq: 23 May 2022 15:12

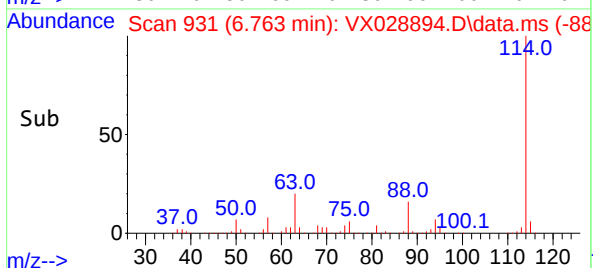
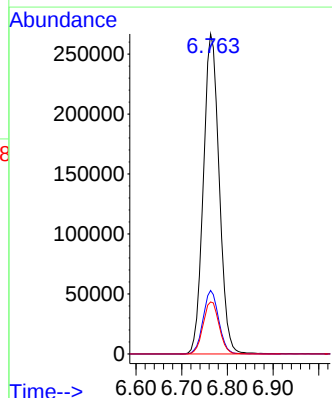
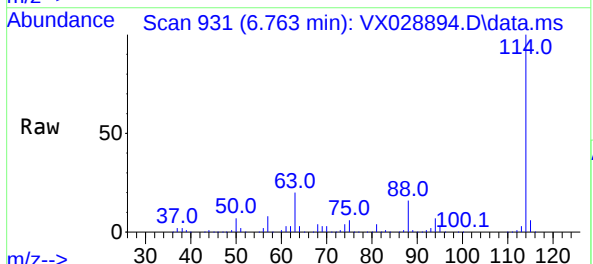
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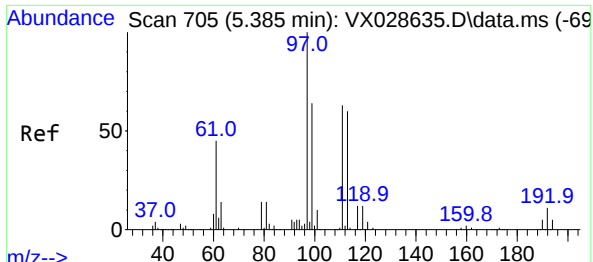
Tgt Ion: 65 Resp: 244921
Ion Ratio Lower Upper
65 100
67 50.7 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX028894.D
Acq: 23 May 2022 15:12

Tgt Ion: 114 Resp: 639897
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.8
88 16.2 0.0 32.4

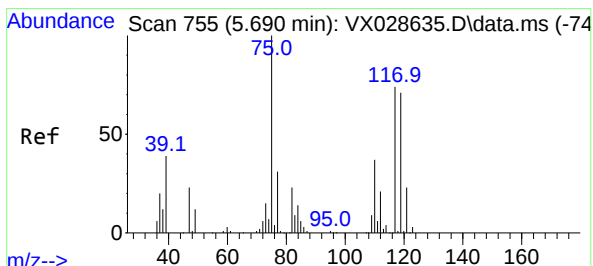
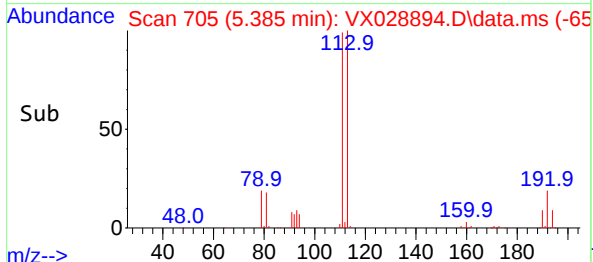
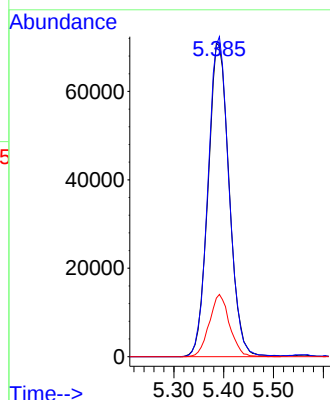
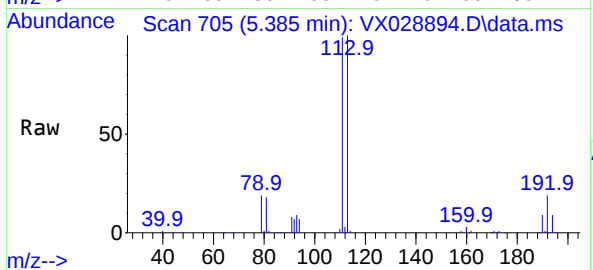




#35
Dibromofluoromethane
Concen: 49.620 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028894.D
Acq: 23 May 2022 15:12

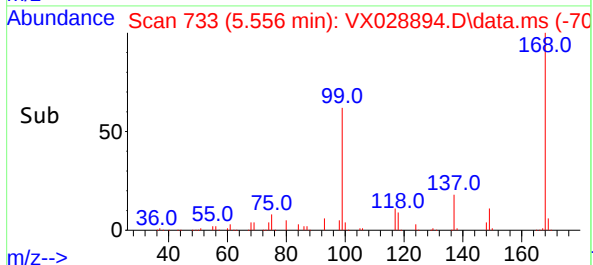
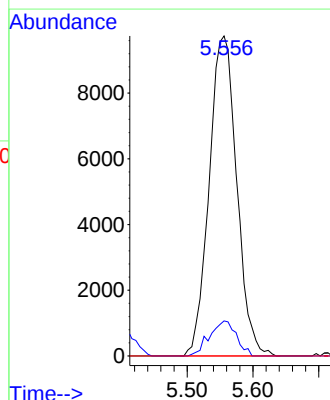
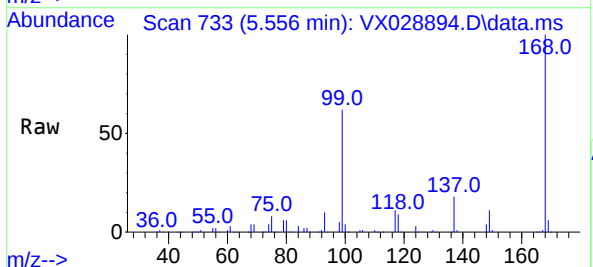
Instrument :
MSVOA_X
ClientSampleId :
RB01-20220518

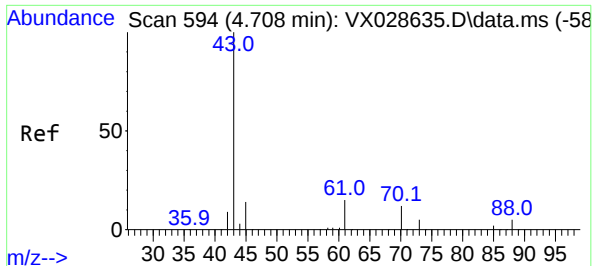
Tgt Ion:113 Resp: 208031
Ion Ratio Lower Upper
113 100
111 101.2 82.8 124.2
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.513 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028894.D
Acq: 23 May 2022 15:12

Tgt Ion: 75 Resp: 28419
Ion Ratio Lower Upper
75 100
110 10.7 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.934 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.140 min

Lab File: VX028894.D

Acq: 23 May 2022 15:12

Instrument :

MSVOA_X

ClientSampleId :

RB01-20220518

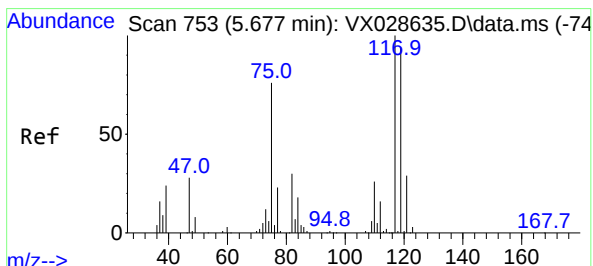
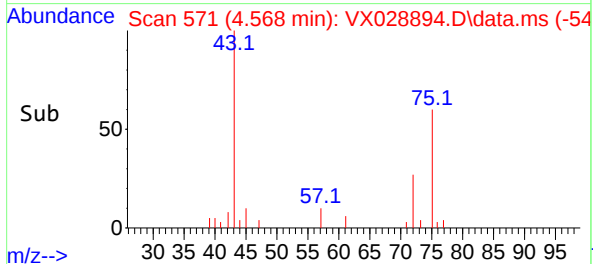
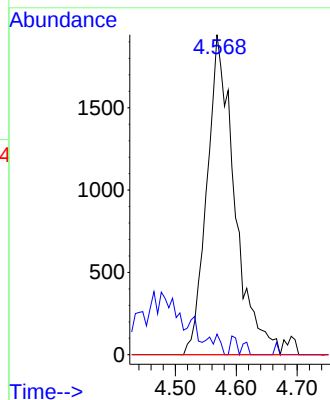
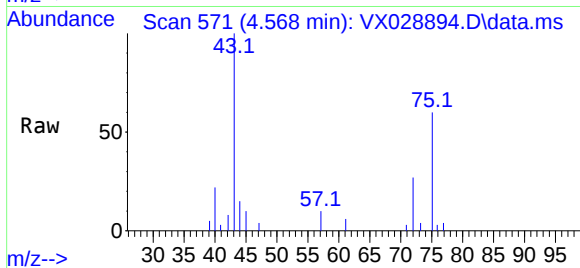
Tgt Ion: 43 Resp: 6143

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 0.0 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 6.034 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX028894.D

Acq: 23 May 2022 15:12

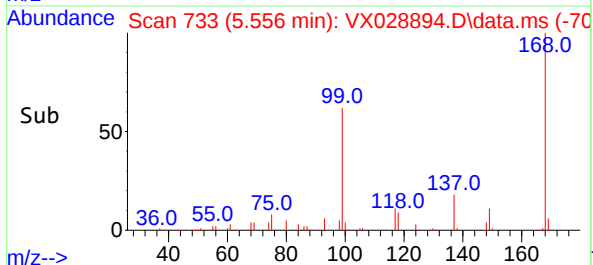
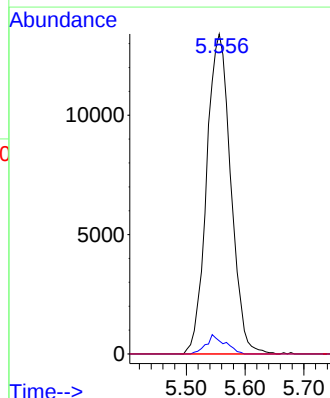
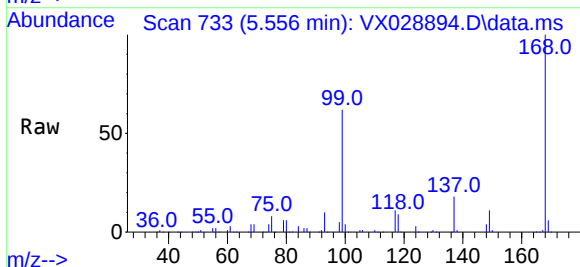
Tgt Ion: 117 Resp: 38239

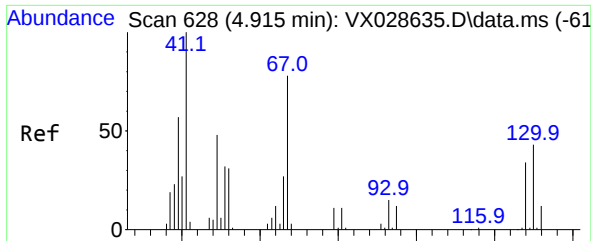
Ion Ratio Lower Upper

117 100

119 4.1 77.3 115.9#

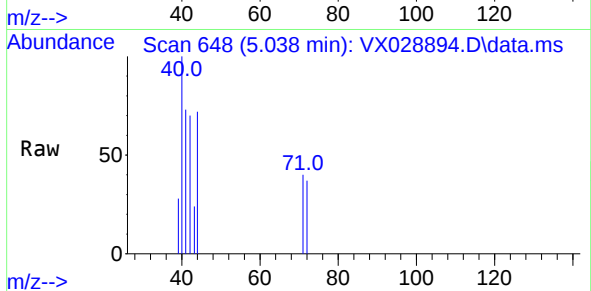
121 0.0 24.2 36.2#



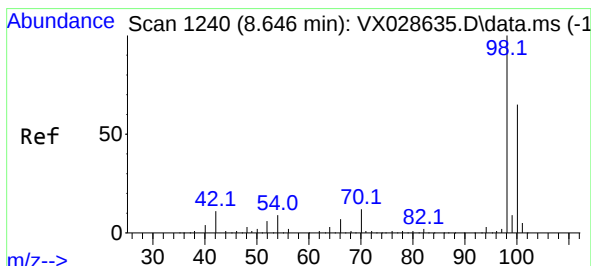
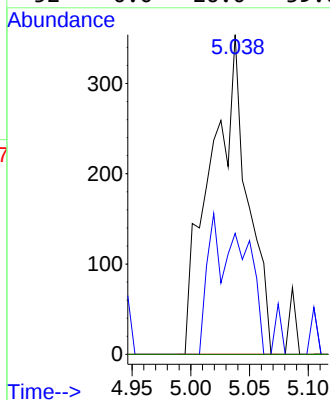
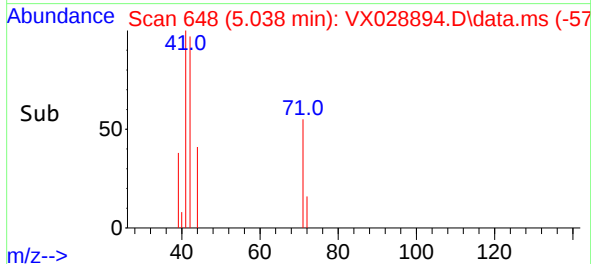


#41
Methacrylonitrile
Concen: 0.219 ug/l
RT: 5.038 min Scan# 64
Delta R.T. 0.123 min
Lab File: VX028894.D
Acq: 23 May 2022 15:12

Instrument :
MSVOA_X
ClientSampleId :
RB01-20220518

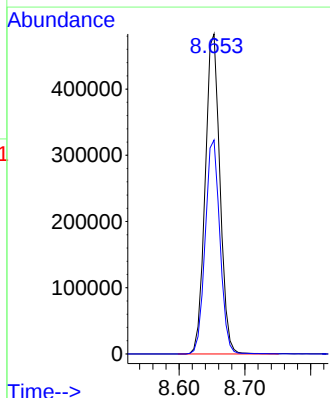
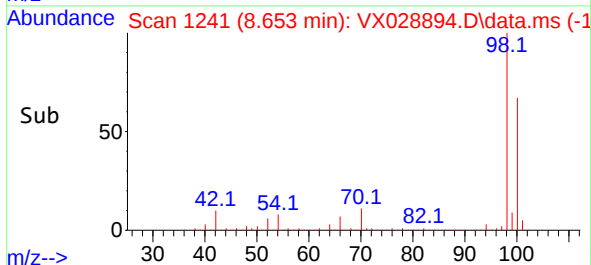
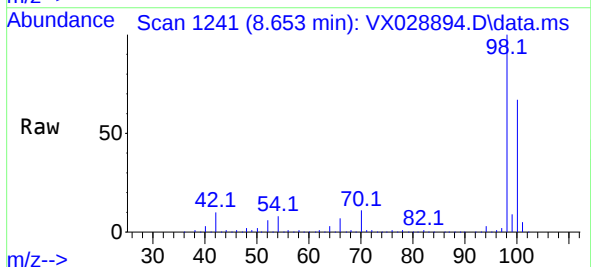


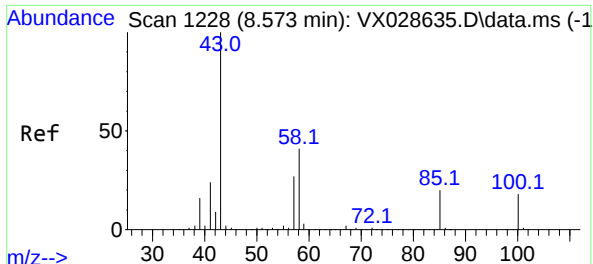
Tgt Ion: 41 Resp: 773
Ion Ratio Lower Upper
41 100
39 21.2 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#



#50
Toluene-d8
Concen: 47.645 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028894.D
Acq: 23 May 2022 15:12

Tgt Ion: 98 Resp: 753098
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.249 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX028894.D

Acq: 23 May 2022 15:12

Instrument :

MSVOA_X

ClientSampleId :

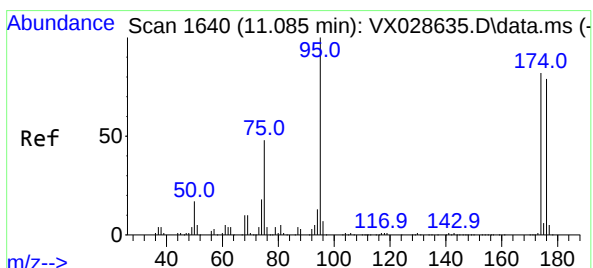
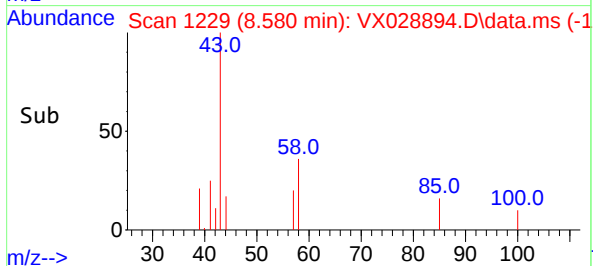
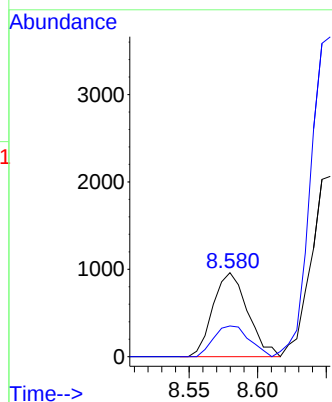
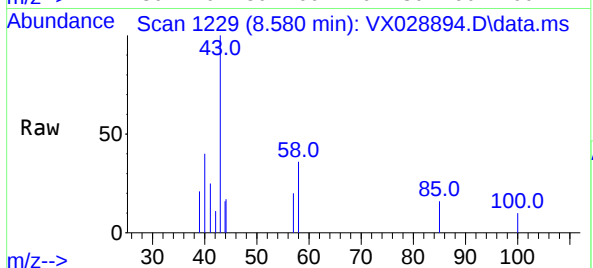
RB01-20220518

Tgt Ion: 43 Resp: 1690

Ion Ratio Lower Upper

43 100

58 37.5 36.1 54.1



#62

4-Bromofluorobenzene

Concen: 52.141 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028894.D

Acq: 23 May 2022 15:12

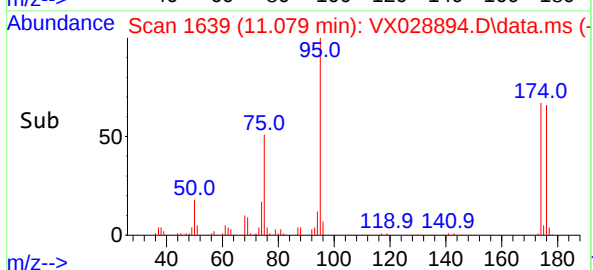
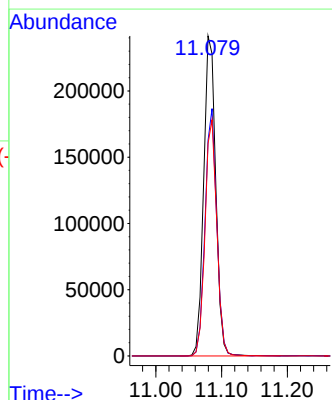
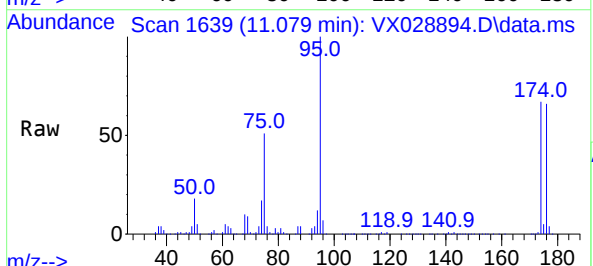
Tgt Ion: 95 Resp: 307832

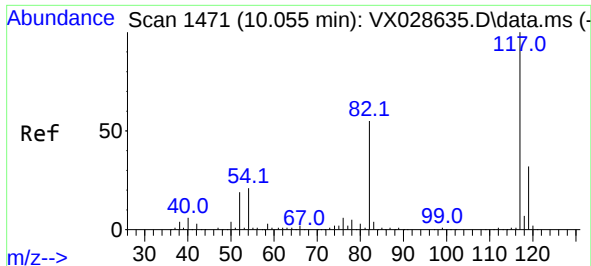
Ion Ratio Lower Upper

95 100

174 74.6 0.0 163.0

176 72.4 0.0 155.0

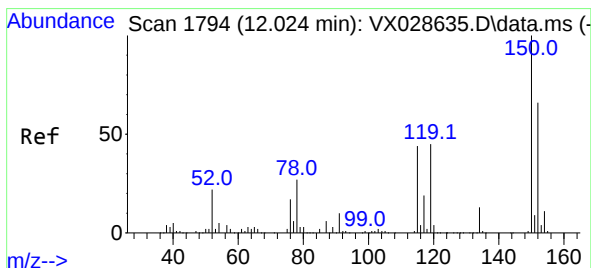
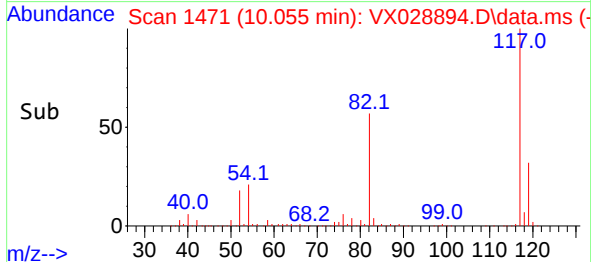
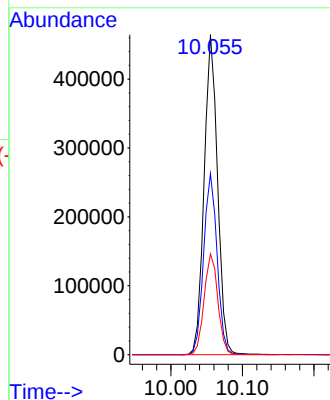
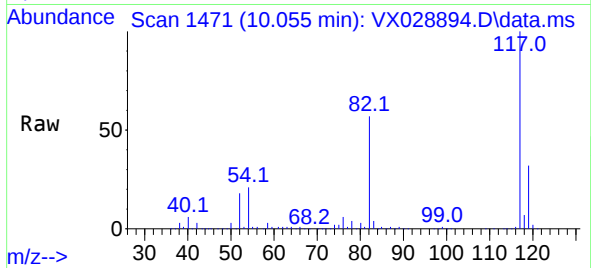




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028894.D
Acq: 23 May 2022 15:12

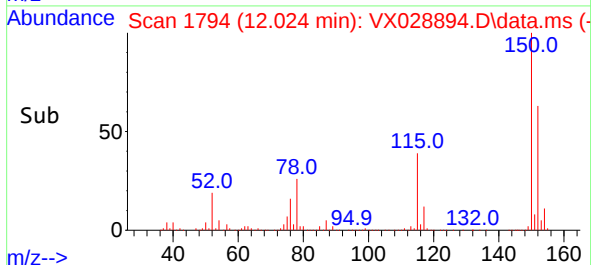
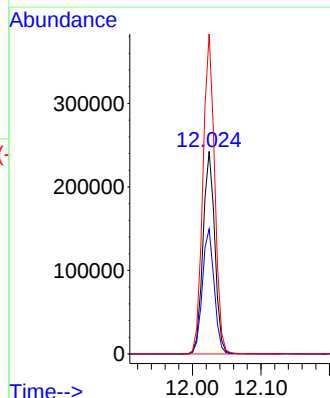
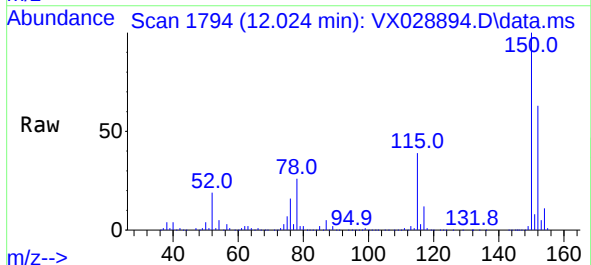
Instrument :
MSVOA_X
ClientSampleId :
RB01-20220518

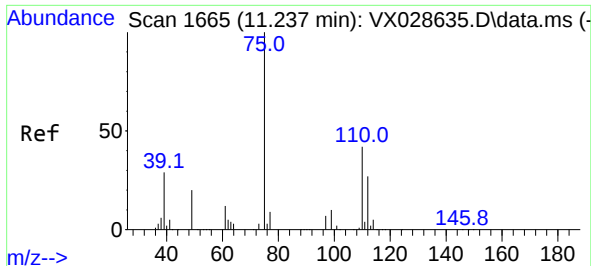
Tgt Ion:117 Resp: 606368
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 31.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028894.D
Acq: 23 May 2022 15:12

Tgt Ion:152 Resp: 291228
Ion Ratio Lower Upper
152 100
115 62.1 37.5 112.7
150 157.7 0.0 338.2

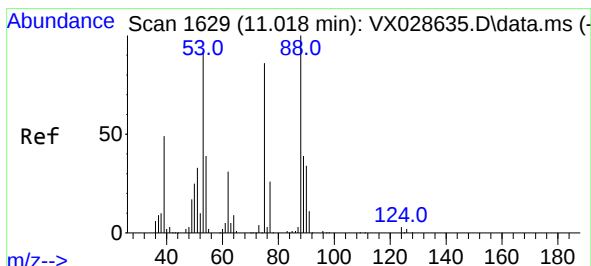
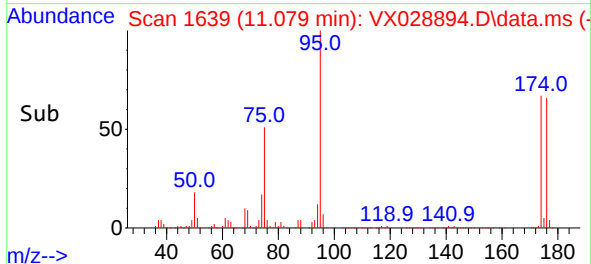
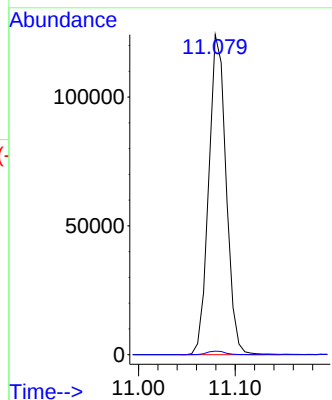
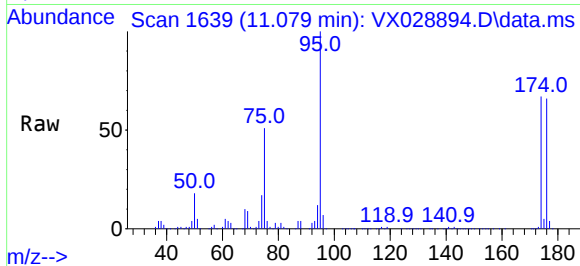




#76
1,2,3-Trichloropropane
Concen: 22.810 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028894.D
Acq: 23 May 2022 15:12

Instrument :
MSVOA_X
ClientSampleId :
RB01-20220518

Tgt Ion: 75 Resp: 155570
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.650 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028894.D
Acq: 23 May 2022 15:12

Tgt Ion: 75 Resp: 155570
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

