

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024521.D
 Acq On : 04 Oct 2021 15:34
 Operator : JC/MD
 Sample : M3911-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANKRE

Quant Time: Oct 05 03:20:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

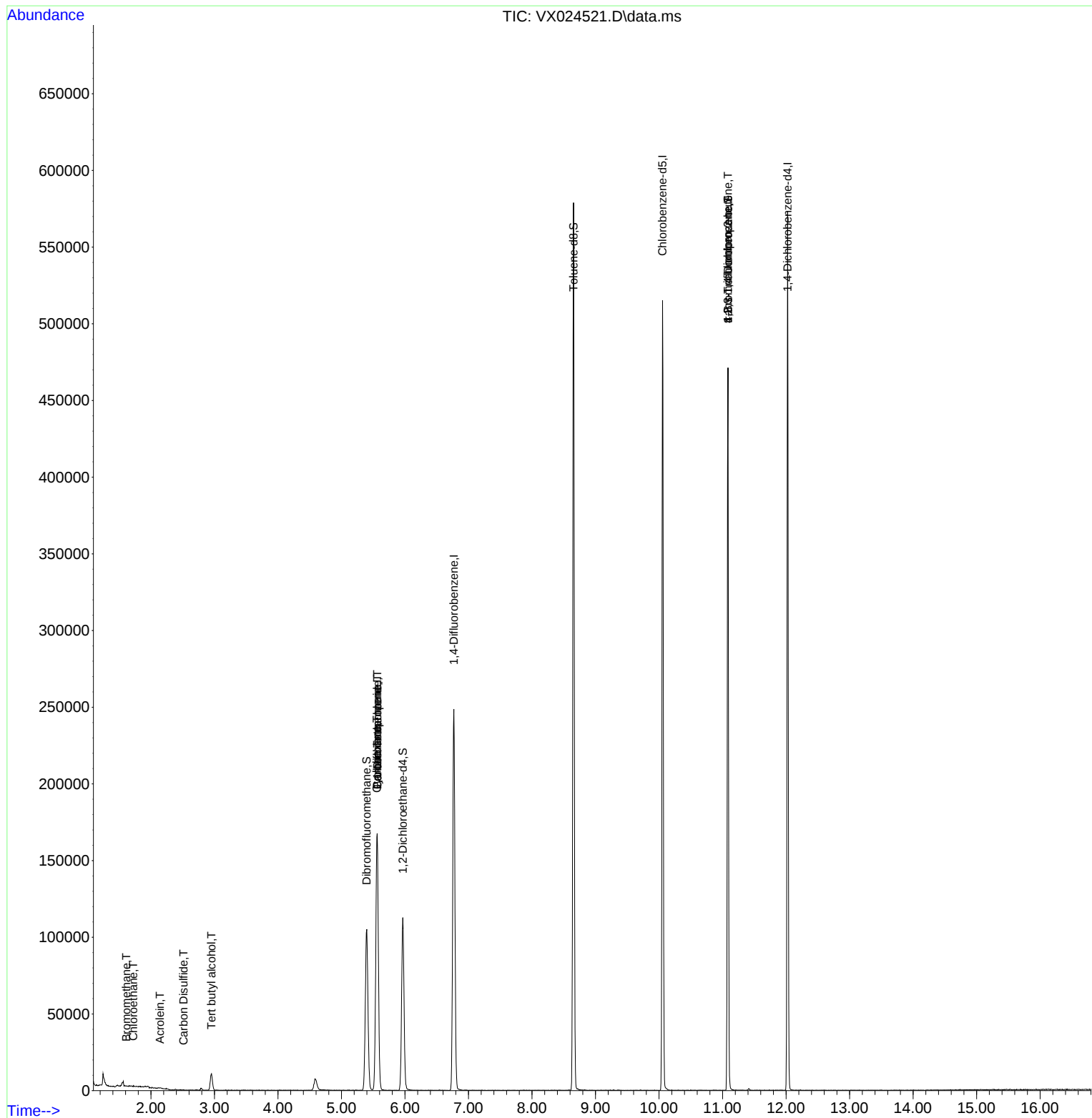
Internal Standards						
1) Pentafluorobenzene	5.562	168	159421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	247828	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112331	49.995	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.000%	
35) Dibromofluoromethane	5.397	113	91160	55.370	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.740%	
50) Toluene-d8	8.653	98	338013	55.782	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 111.560%	
62) 4-Bromofluorobenzene	11.085	95	127114	53.353	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.700%	
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	230	0.216	ug/l	86
6) Chloroethane	1.721	64	416	0.651	ug/l #	43
11) Tert butyl alcohol	2.953	59	6878	0.837	ug/l #	75
13) Acrolein	2.142	56	20	10.216	ug/l #	70
16) Acetone	2.386	43	611	Below Cal	#	79
17) Carbon Disulfide	2.514	76	156	0.269	ug/l #	75
20) Methylene Chloride	2.794	84	595	Below Cal	#	88
31) Cyclohexane	5.556	56	3134	1.165	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	12562	5.287	ug/l #	49
38) Carbon Tetrachloride	5.562	117	16705	6.459	ug/l #	18
76) 1,2,3-Trichloropropane	11.085	75	62730	23.301	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	62730	63.672	ug/l #	12

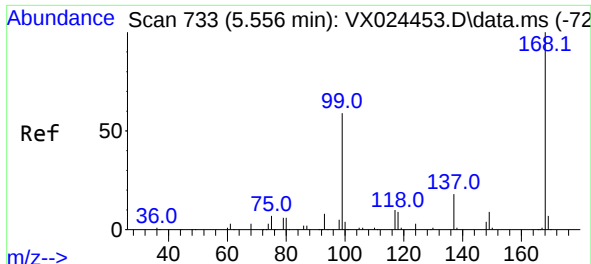
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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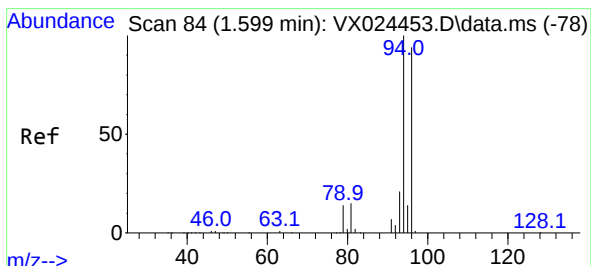
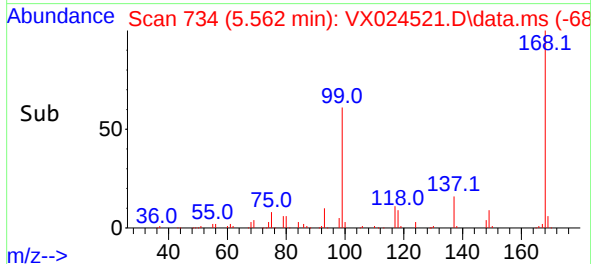
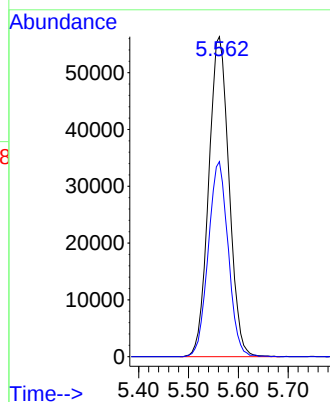
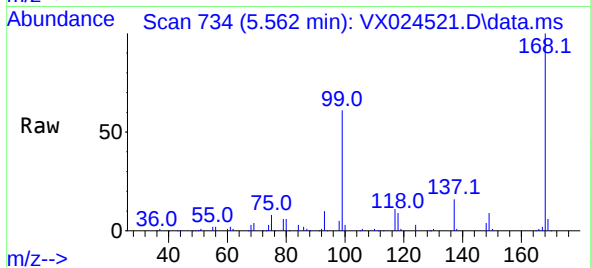




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024521.D
Acq: 04 Oct 2021 15:34

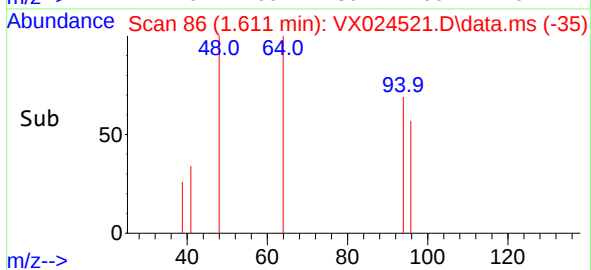
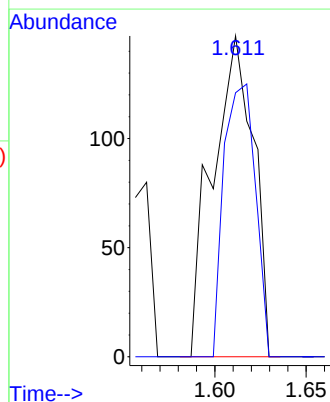
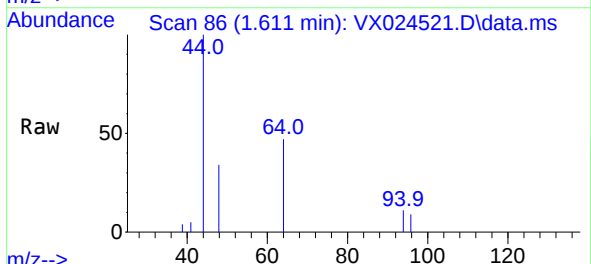
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

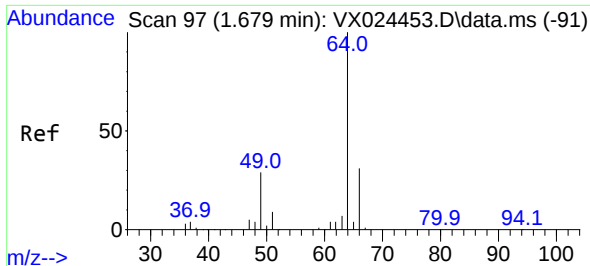
Tgt Ion:168 Resp: 159421
Ion Ratio Lower Upper
168 100
99 60.9 45.8 68.6



#5
Bromomethane
Concen: 0.216 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024521.D
Acq: 04 Oct 2021 15:34

Tgt Ion: 94 Resp: 230
Ion Ratio Lower Upper
94 100
96 82.3 76.4 114.6

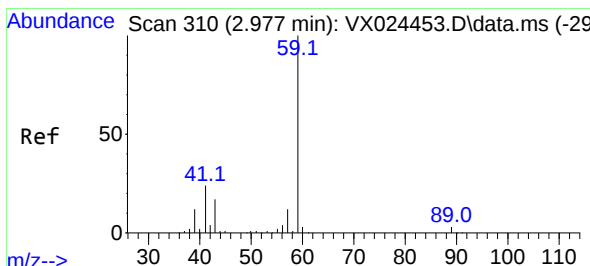
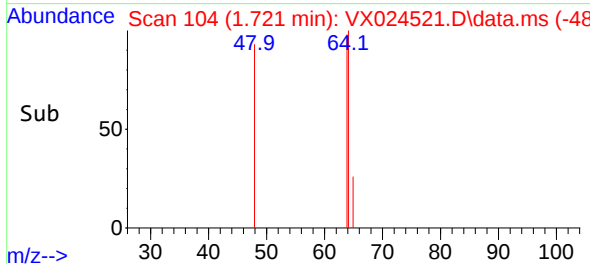
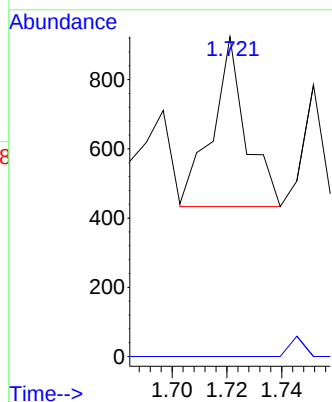
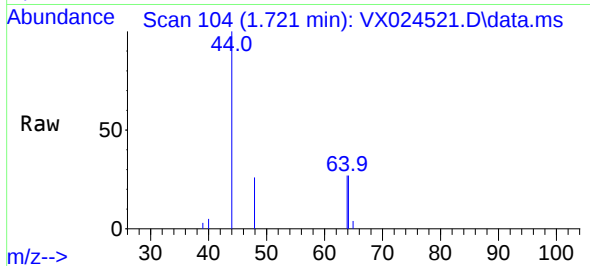




#6
Chloroethane
Concen: 0.651 ug/l
RT: 1.721 min Scan# 104
Delta R.T. 0.042 min
Lab File: VX024521.D
Acq: 04 Oct 2021 15:34

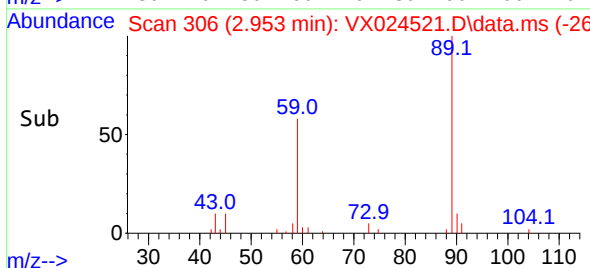
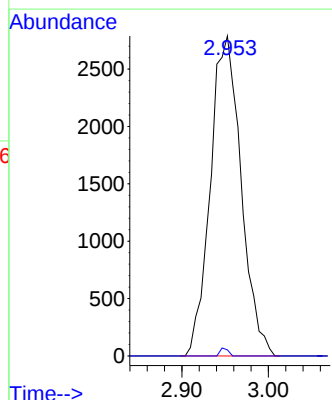
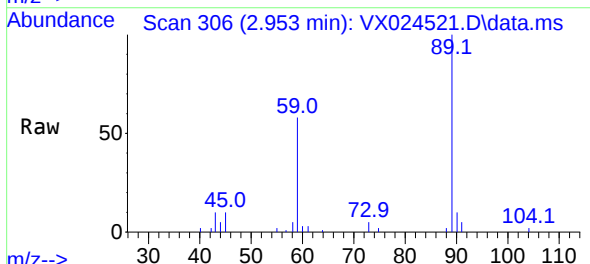
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

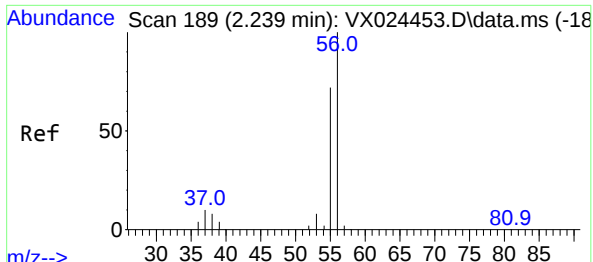
Tgt Ion: 64 Resp: 416
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 0.837 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024521.D
Acq: 04 Oct 2021 15:34

Tgt Ion: 59 Resp: 6878
Ion Ratio Lower Upper
59 100
57 0.7 7.8 11.8#

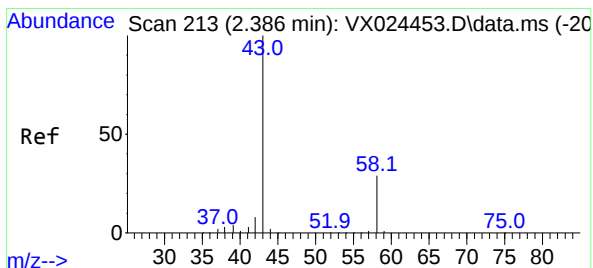
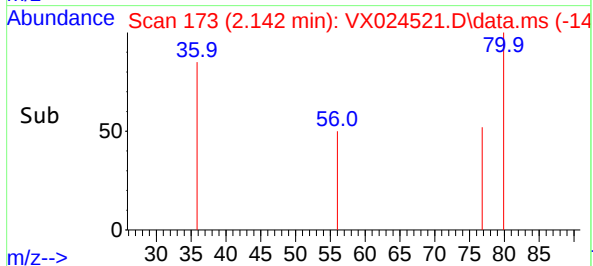
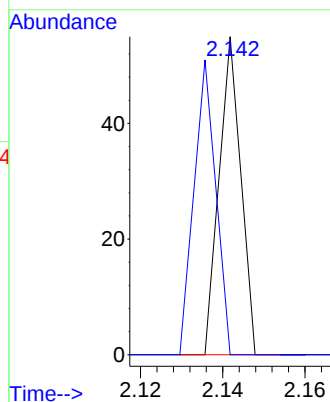
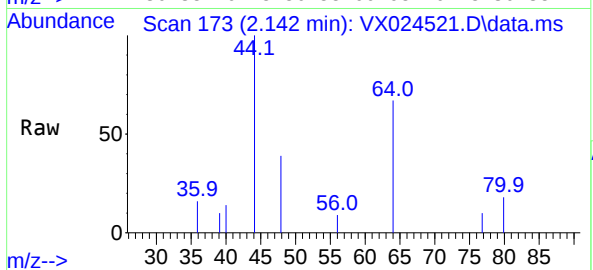




#13
Acrolein
Concen: 10.216 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.097 min
Lab File: VX024521.D
Acq: 04 Oct 2021 15:34

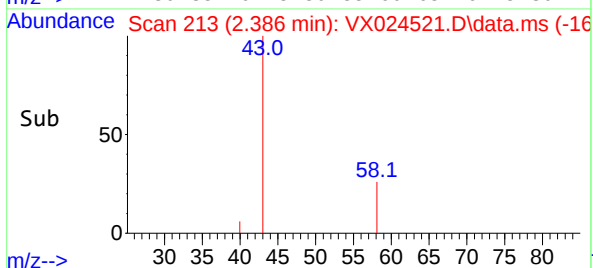
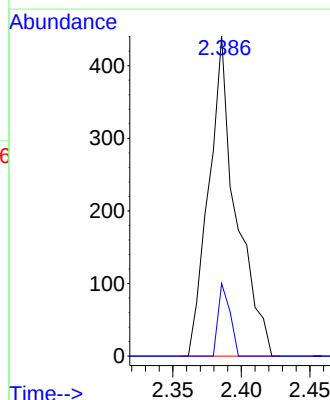
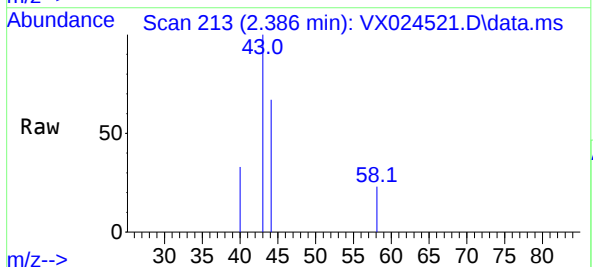
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

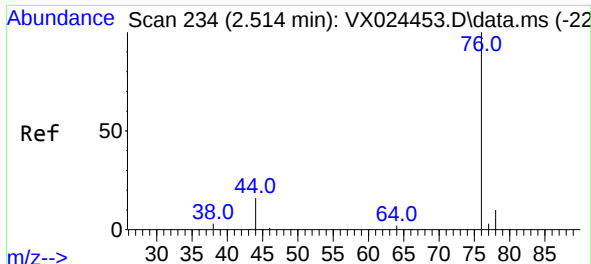
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 95.0 56.4 84.6#



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024521.D
Acq: 04 Oct 2021 15:34

Tgt Ion: 43 Resp: 611
Ion Ratio Lower Upper
43 100
58 22.7 27.8 41.8#

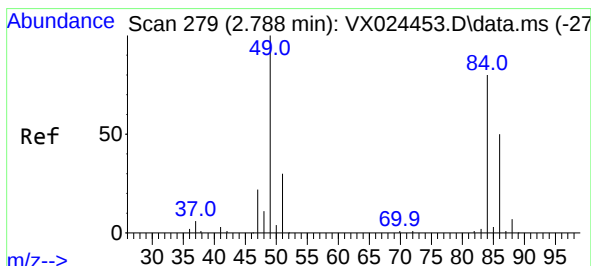
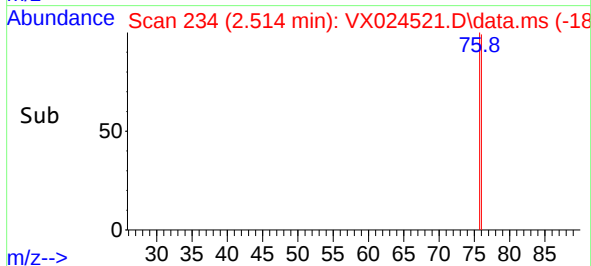
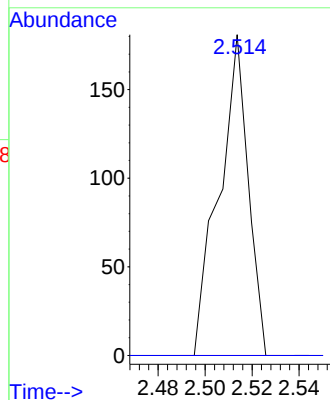
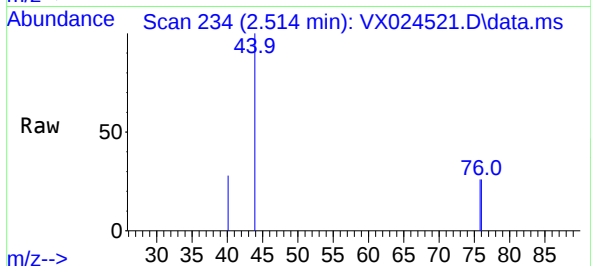




#17
Carbon Disulfide
Concen: 0.269 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024521.D
Acq: 04 Oct 2021 15:34

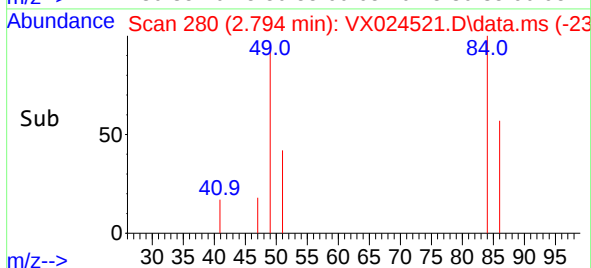
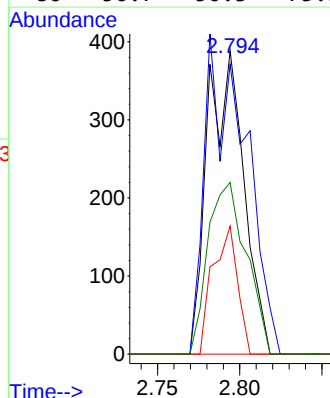
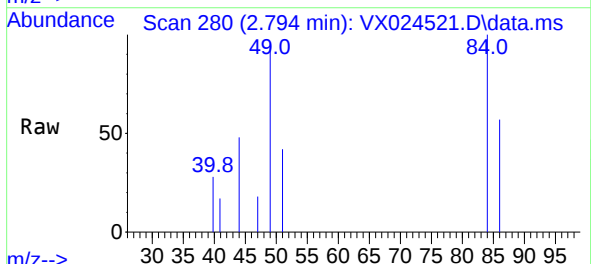
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

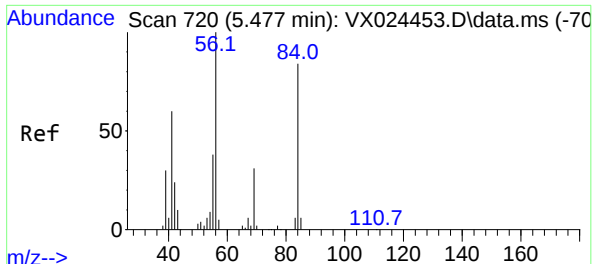
Tgt Ion: 76 Resp: 156
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024521.D
Acq: 04 Oct 2021 15:34

Tgt Ion: 84 Resp: 595
Ion Ratio Lower Upper
84 100
49 95.6 88.6 132.8
51 42.3 27.0 40.6#
86 56.7 50.3 75.5

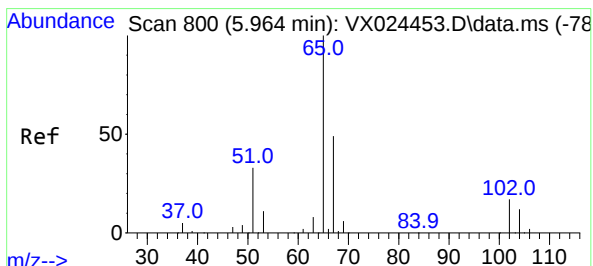
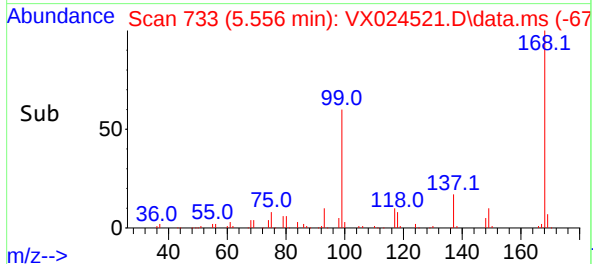
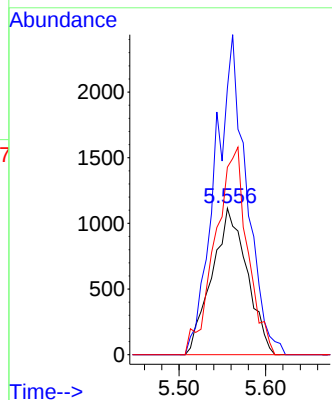
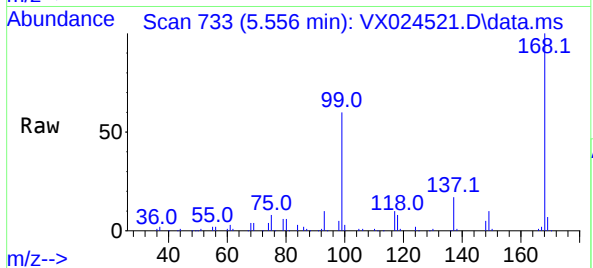




#31
Cyclohexane
Concen: 1.165 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024521.D
Acq: 04 Oct 2021 15:34

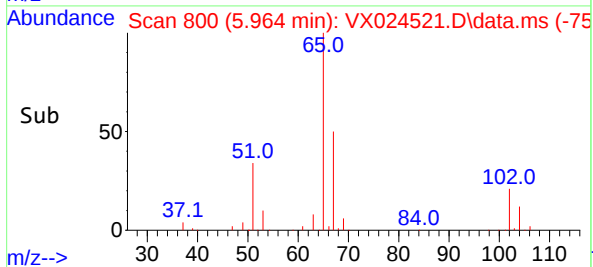
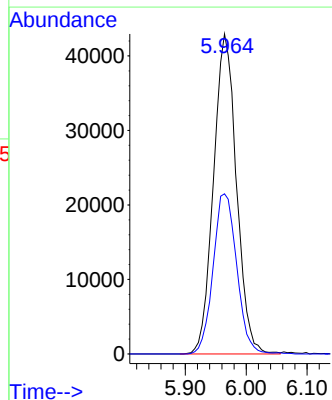
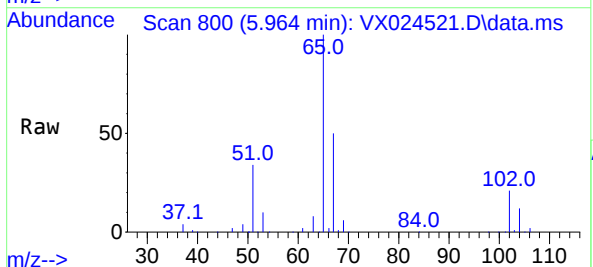
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

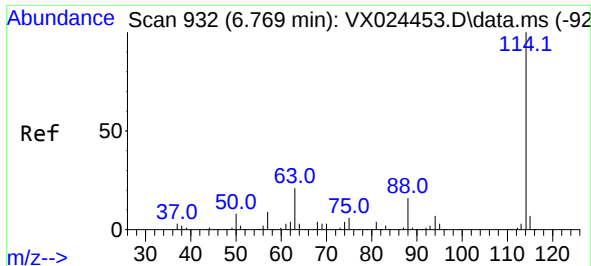
Tgt Ion: 56 Resp: 3134
Ion Ratio Lower Upper
56 100
69 182.1 25.3 37.9#
84 128.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.995 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024521.D
Acq: 04 Oct 2021 15:34

Tgt Ion: 65 Resp: 112331
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4



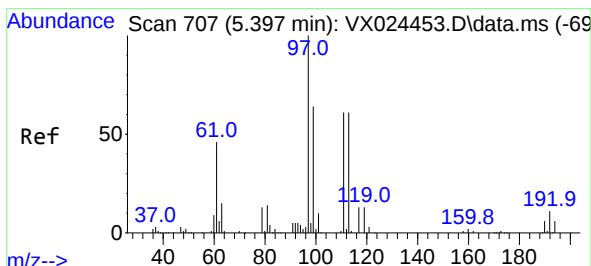
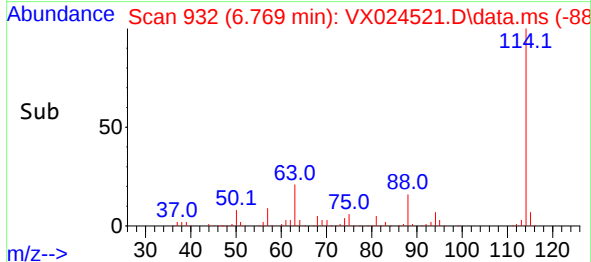
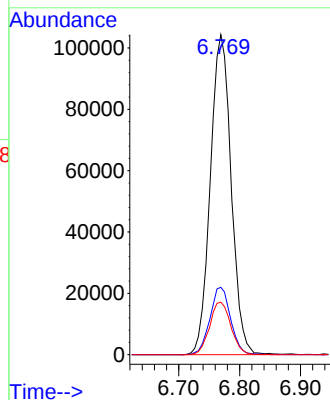
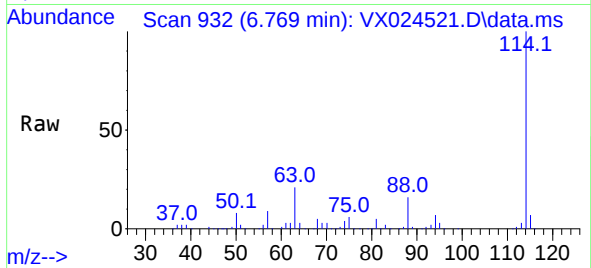


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024521.D
Acq: 04 Oct 2021 15:34

Instrument :
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Tgt Ion:114 Resp: 247828

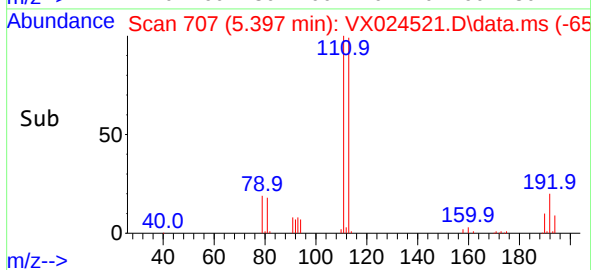
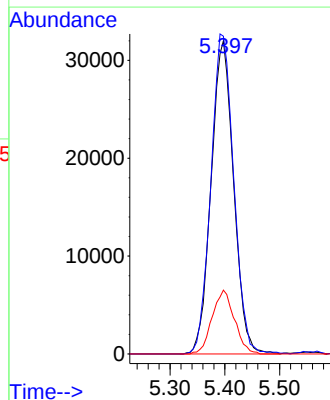
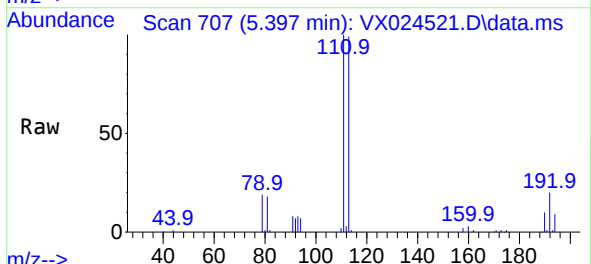
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.8
88	16.4	0.0	32.8

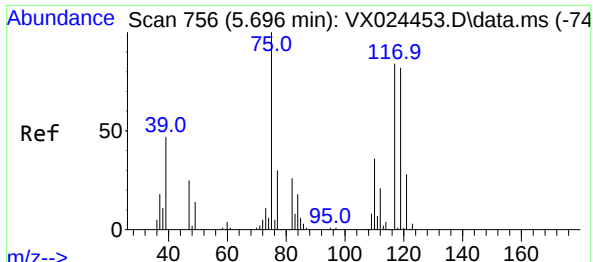


#35
Dibromofluoromethane
Concen: 55.370 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024521.D
Acq: 04 Oct 2021 15:34

Tgt Ion:113 Resp: 91160

Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	20.2	16.7	25.1

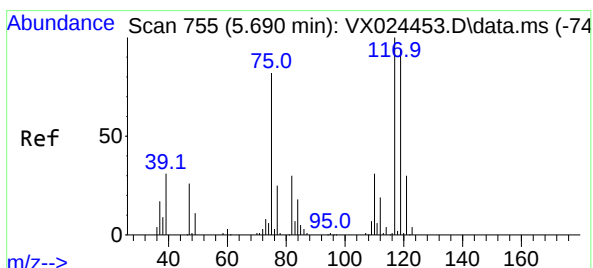
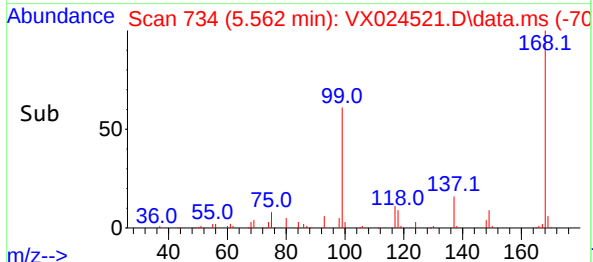
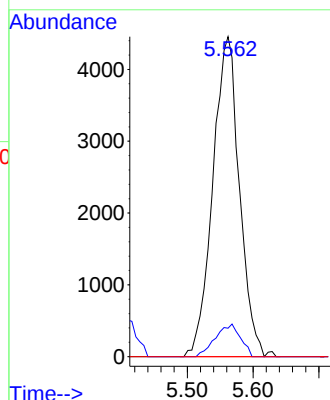
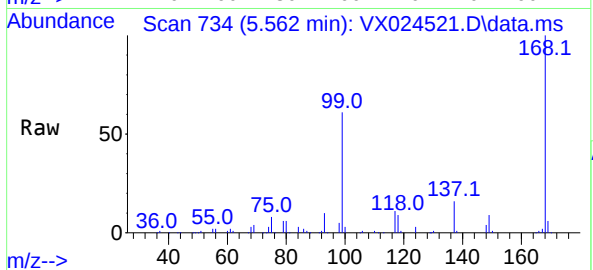




#36
1,1-Dichloropropene
Concen: 5.287 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024521.D
Acq: 04 Oct 2021 15:34

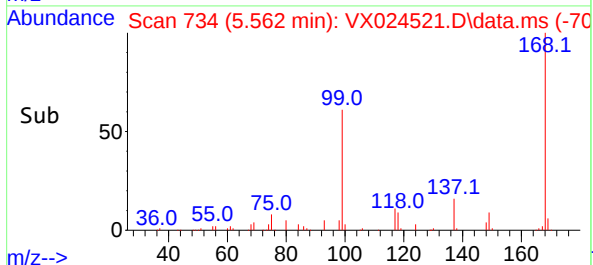
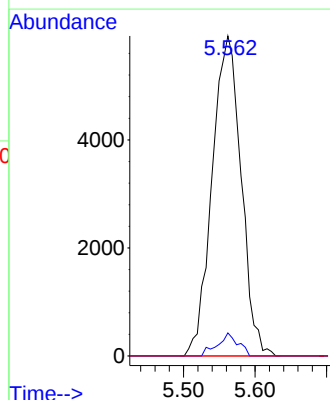
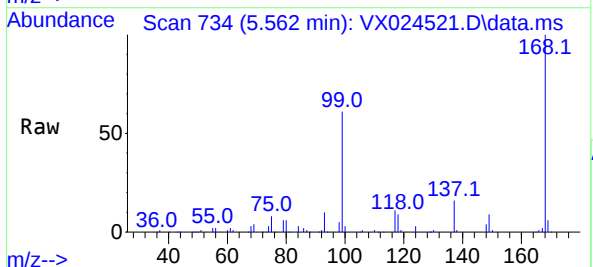
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

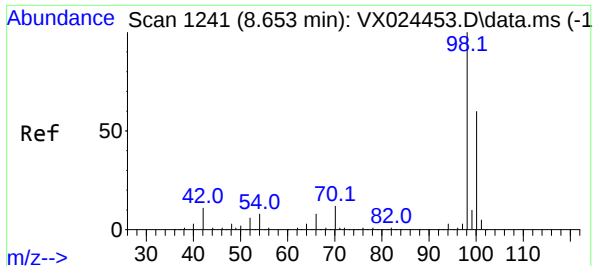
Tgt Ion:	75	Resp:	12562
Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.4#
77	0.0	25.3	37.9#



#38
Carbon Tetrachloride
Concen: 6.459 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024521.D
Acq: 04 Oct 2021 15:34

Tgt Ion:	117	Resp:	16705
Ion	Ratio	Lower	Upper
117	100		
119	7.2	76.2	114.2#
121	0.0	24.8	37.2#

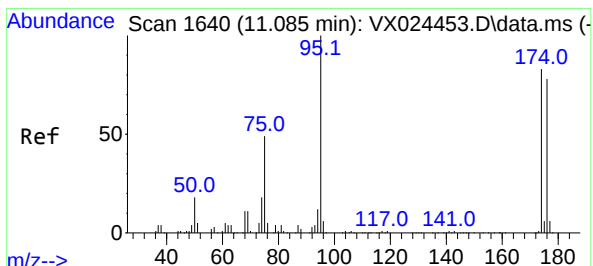
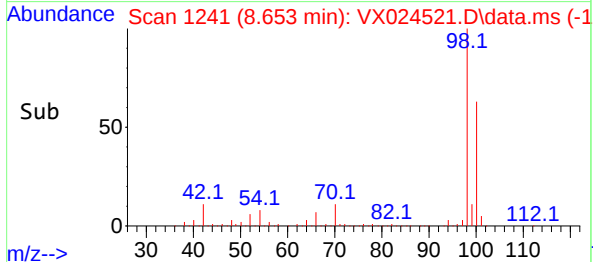
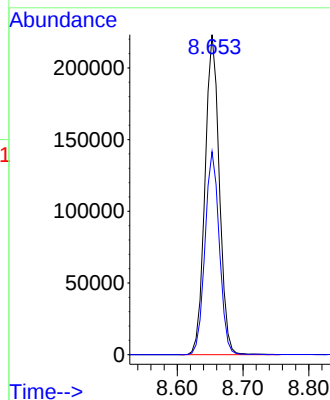
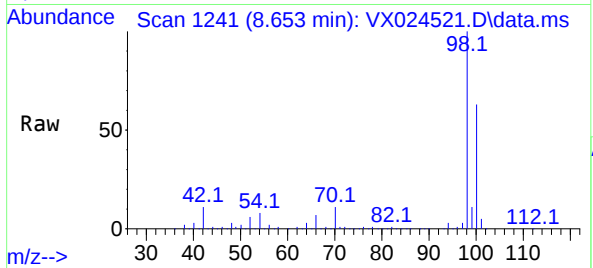




#50
Toluene-d8
Concen: 55.782 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024521.D
Acq: 04 Oct 2021 15:34

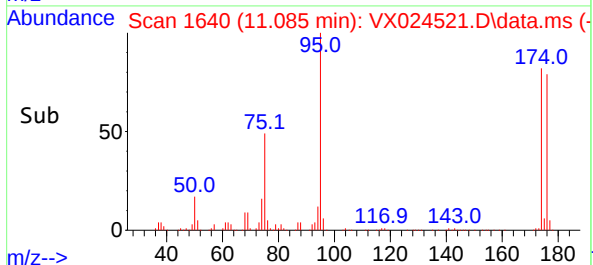
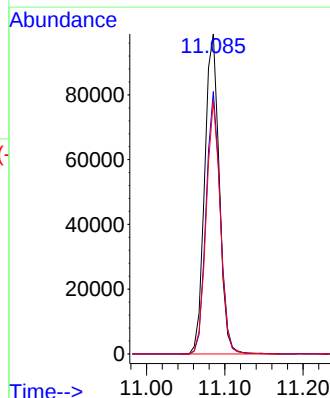
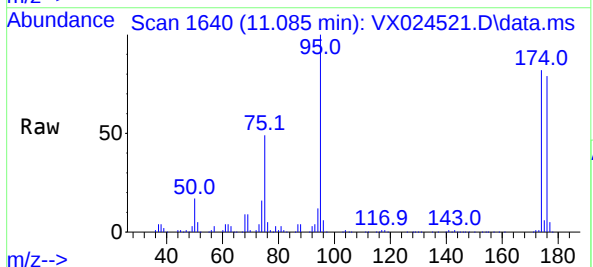
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

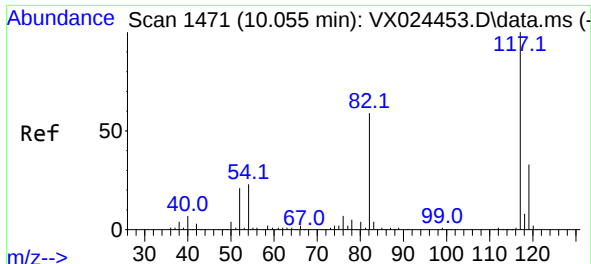
Tgt Ion: 98 Resp: 338013
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.353 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024521.D
Acq: 04 Oct 2021 15:34

Tgt Ion: 95 Resp: 127114
Ion Ratio Lower Upper
95 100
174 79.9 0.0 154.6
176 76.7 0.0 155.8

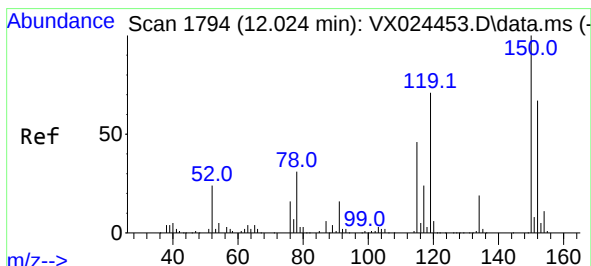
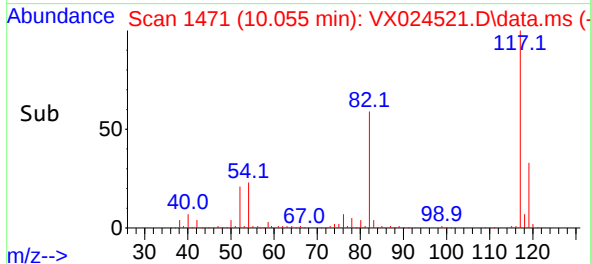
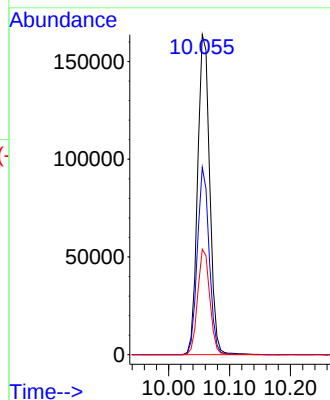
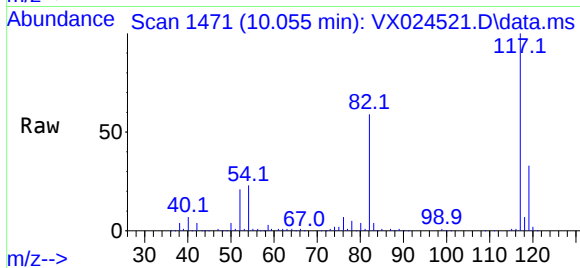




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024521.D
Acq: 04 Oct 2021 15:34

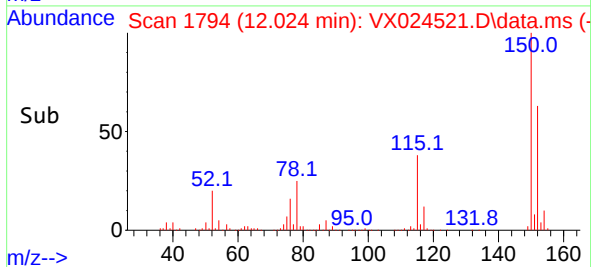
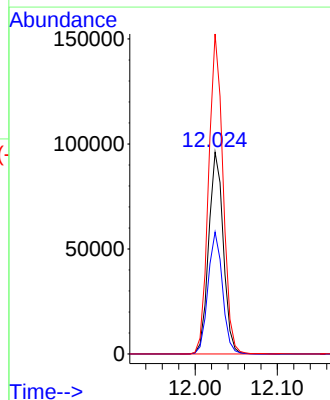
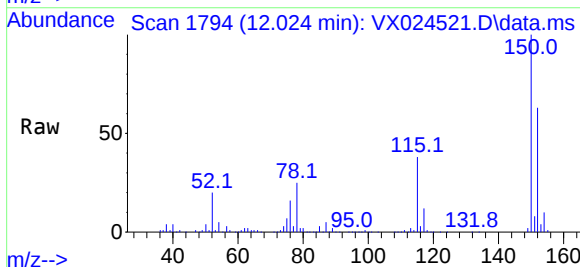
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

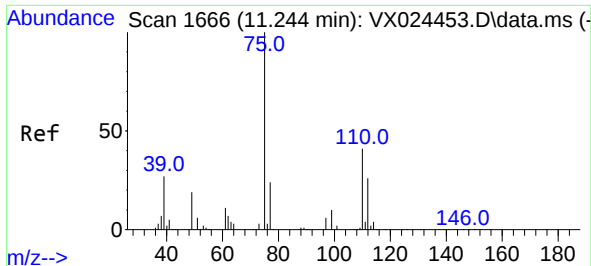
Tgt Ion:117 Resp: 225672
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 33.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024521.D
Acq: 04 Oct 2021 15:34

Tgt Ion:152 Resp: 118548
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 156.2 0.0 349.0

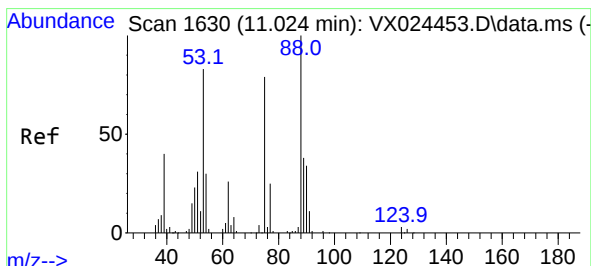
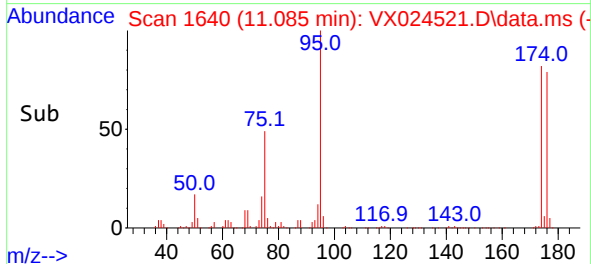
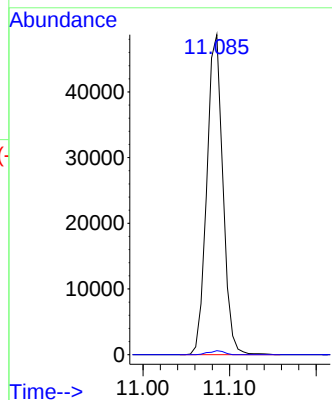
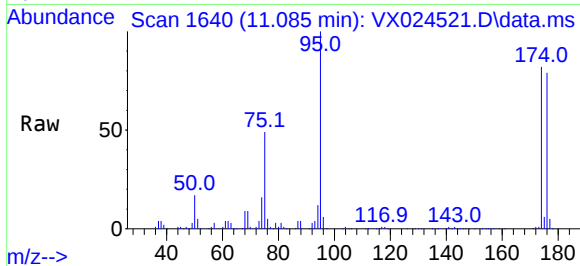




#76
1,2,3-Trichloropropane
Concen: 23.301 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024521.D
Acq: 04 Oct 2021 15:34

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

Tgt Ion: 75 Resp: 62730
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.672 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024521.D
Acq: 04 Oct 2021 15:34

Tgt Ion: 75 Resp: 62730
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

