

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024548.D
 Acq On : 05 Oct 2021 03:19
 Operator : JC/MD
 Sample : M3989-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Oct 05 08:34:48 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)

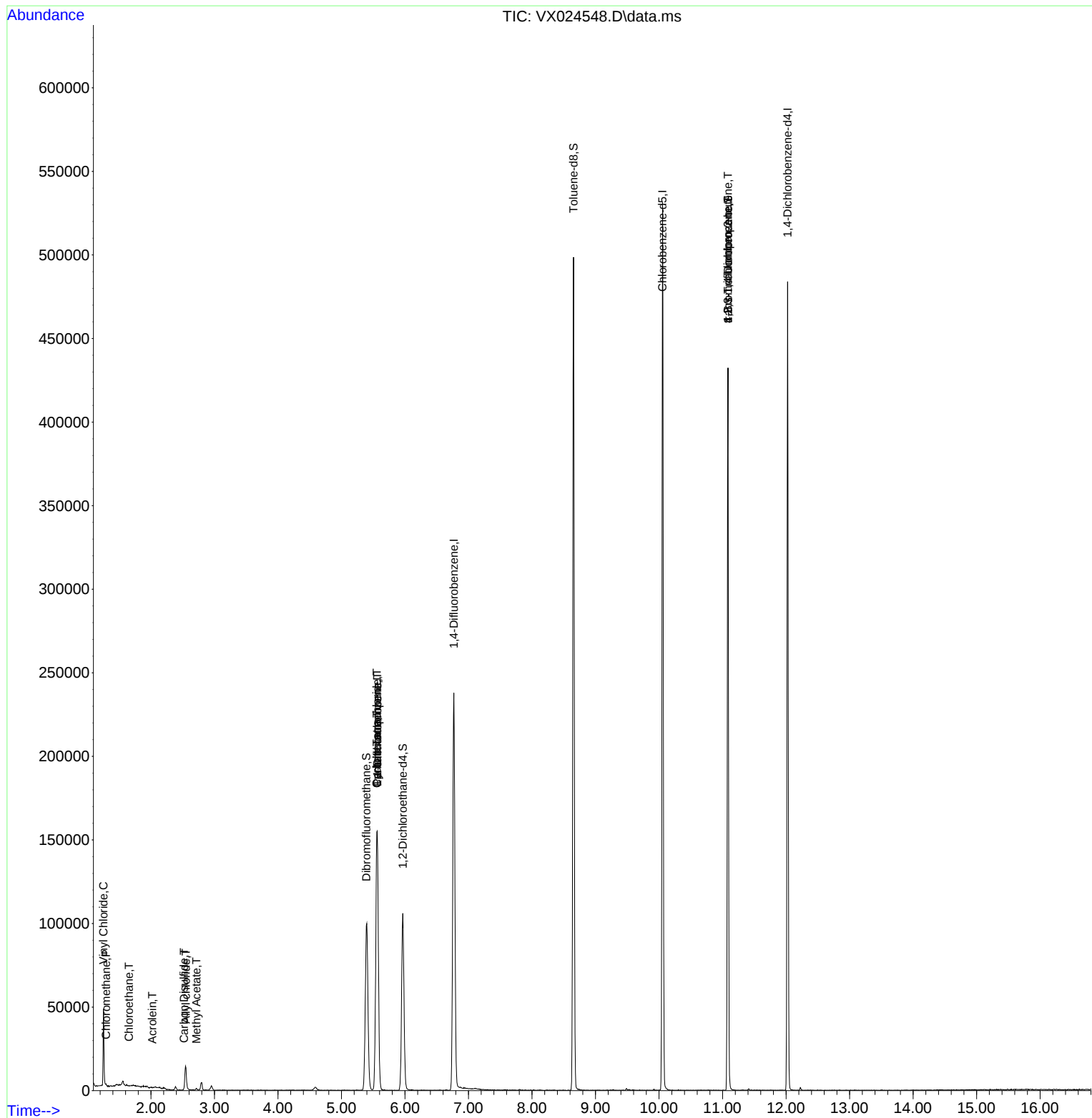
Internal Standards						
1) Pentafluorobenzene	5.562	168	148356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	233663	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105946	50.670	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.340%
35) Dibromofluoromethane	5.391	113	88914	57.280	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.560%
50) Toluene-d8	8.653	98	286591	50.163	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.320%
62) 4-Bromofluorobenzene	11.085	95	114695	51.059	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.120%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	552	0.392	ug/l	91
4) Vinyl Chloride	1.252	62	319	0.217	ug/l #	1
6) Chloroethane	1.654	64	233	0.495	ug/l #	43
11) Tert butyl alcohol	2.953	59	1649	Below Cal	#	73
13) Acrolein	2.020	56	22	10.244	ug/l #	81
14) Allyl chloride	2.550	41	1579	0.635	ug/l #	57
16) Acetone	2.386	43	2392	Below Cal		93
17) Carbon Disulfide	2.520	76	277	0.306	ug/l #	75
18) Methyl Acetate	2.715	43	1205	0.385	ug/l #	77
31) Cyclohexane	5.556	56	2992	1.195	ug/l #	40
36) 1,1-Dichloropropene	5.562	75	11433	5.104	ug/l #	48
38) Carbon Tetrachloride	5.556	117	15462	6.341	ug/l #	17
76) 1,2,3-Trichloropropane	11.085	75	56639	24.588	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56639	67.081	ug/l #	12

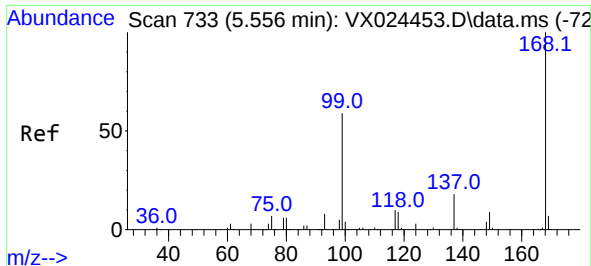
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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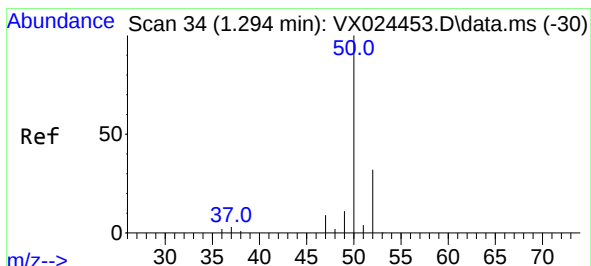
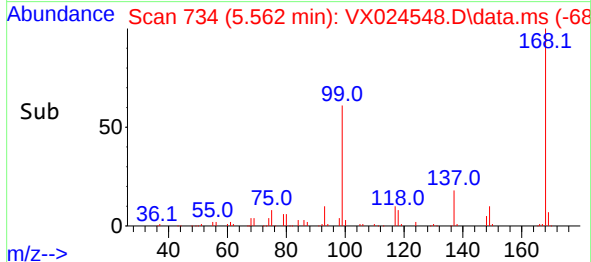
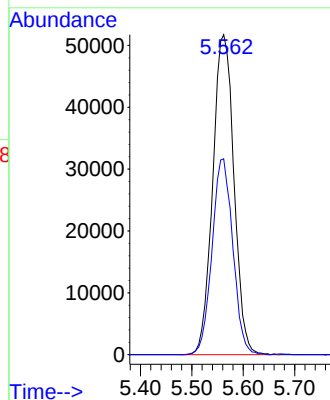
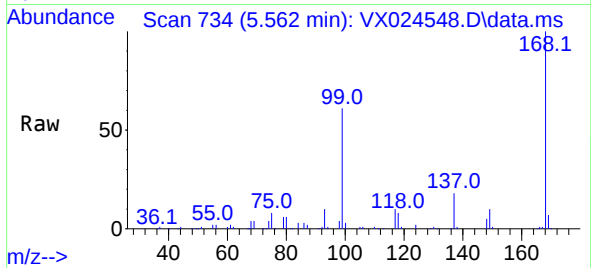




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024548.D
Acq: 05 Oct 2021 03:19

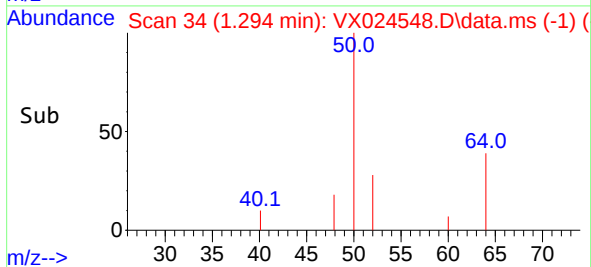
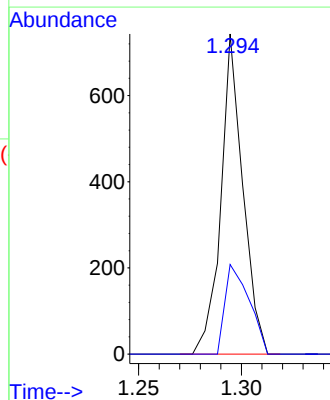
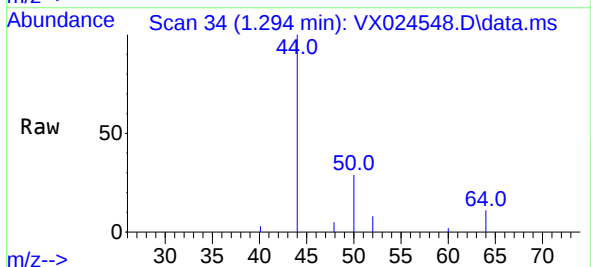
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

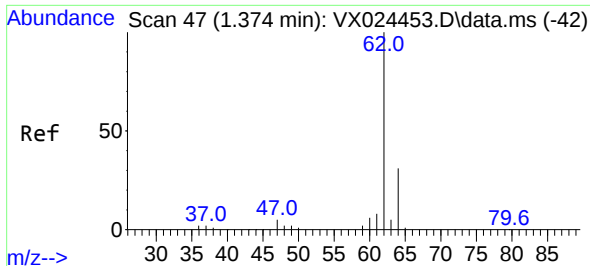
Tgt Ion:168 Resp: 148356
Ion Ratio Lower Upper
168 100
99 61.2 45.8 68.6



#3
Chloromethane
Concen: 0.392 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024548.D
Acq: 05 Oct 2021 03:19

Tgt Ion: 50 Resp: 552
Ion Ratio Lower Upper
50 100
52 28.0 26.4 39.6

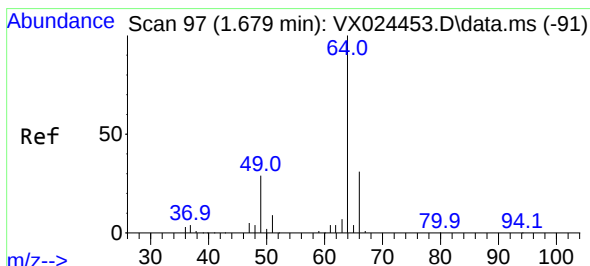
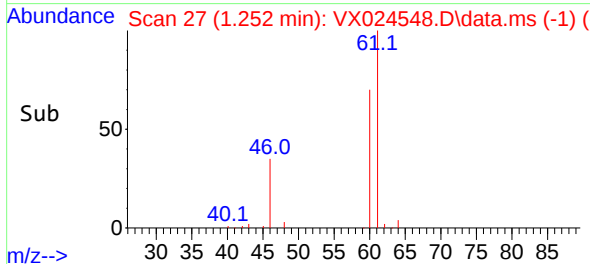
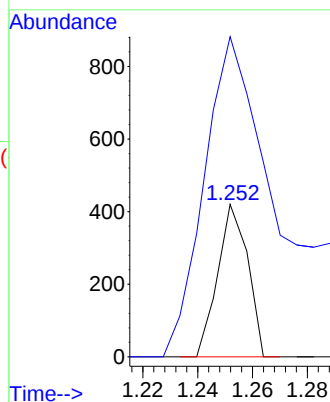
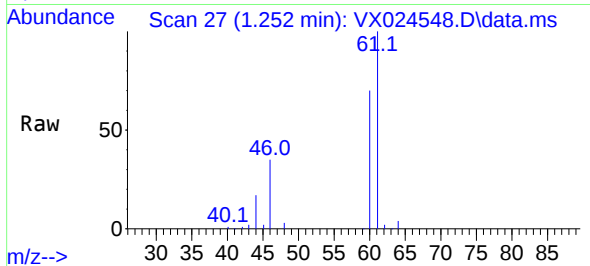




#4
 Vinyl Chloride
 Concen: 0.217 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX024548.D
 Acq: 05 Oct 2021 03:19

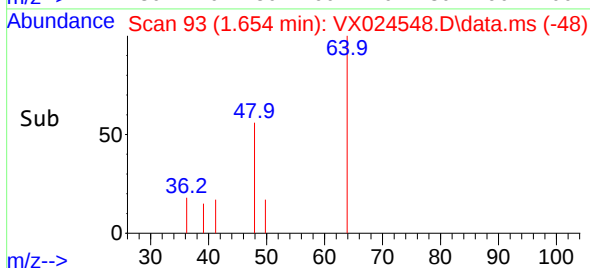
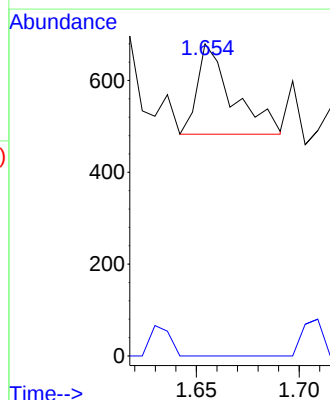
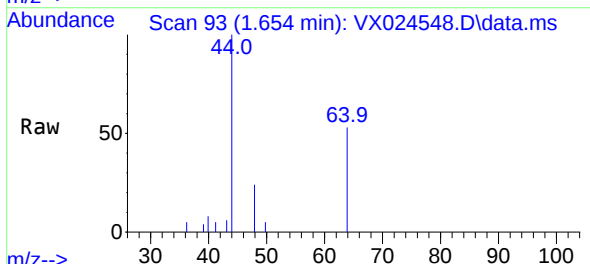
Instrument :
 MSVOA_X
 ClientSampled :
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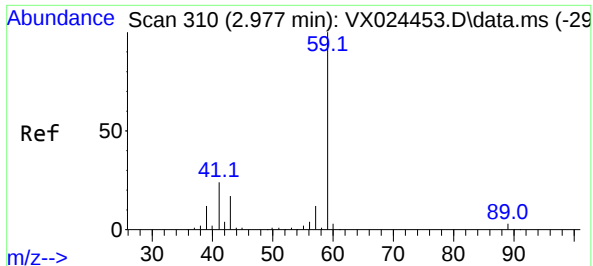
Tgt Ion: 62 Resp: 319
 Ion Ratio Lower Upper
 62 100
 64 183.1 25.7 38.5#



#6
 Chloroethane
 Concen: 0.495 ug/l
 RT: 1.654 min Scan# 93
 Delta R.T. -0.025 min
 Lab File: VX024548.D
 Acq: 05 Oct 2021 03:19

Tgt Ion: 64 Resp: 233
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.4 38.0#



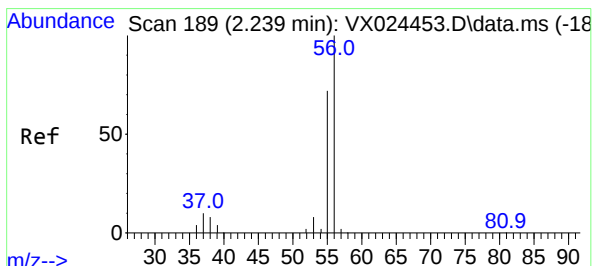
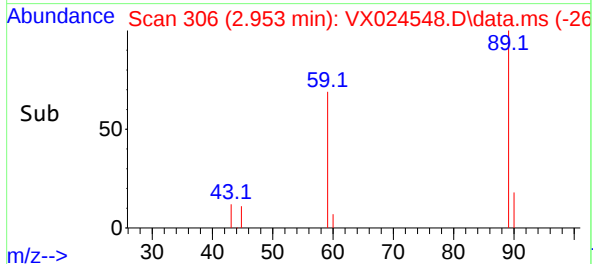
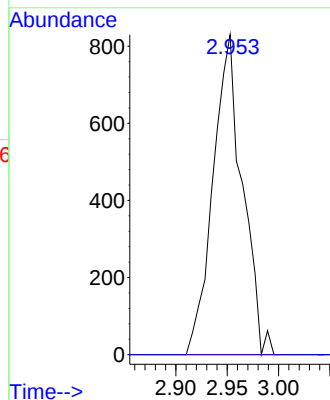
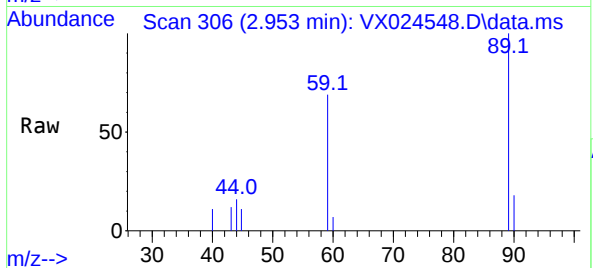


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024548.D
Acq: 05 Oct 2021 03:19

Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

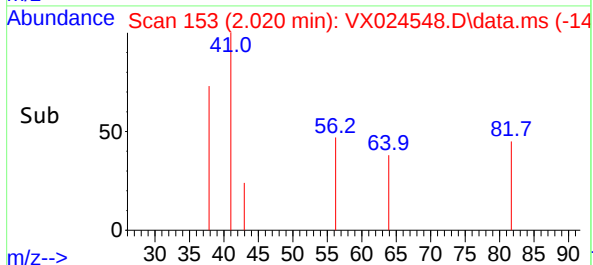
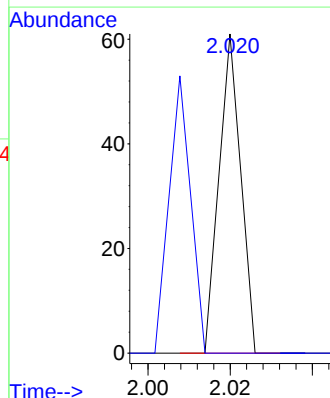
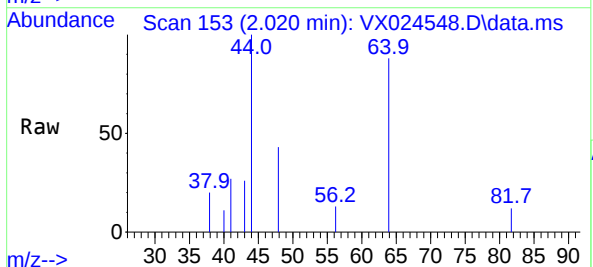
Tgt Ion: 59 Resp: 1649
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

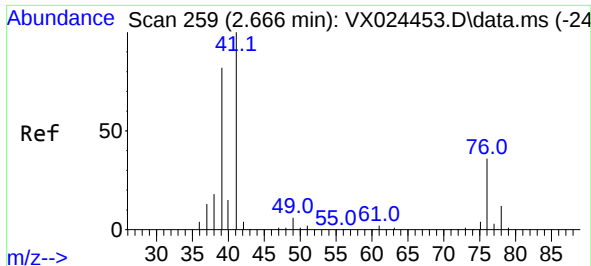


#13

Acrolein
Concen: 10.244 ug/l
RT: 2.020 min Scan# 153
Delta R.T. -0.219 min
Lab File: VX024548.D
Acq: 05 Oct 2021 03:19

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 86.4 56.4 84.6#

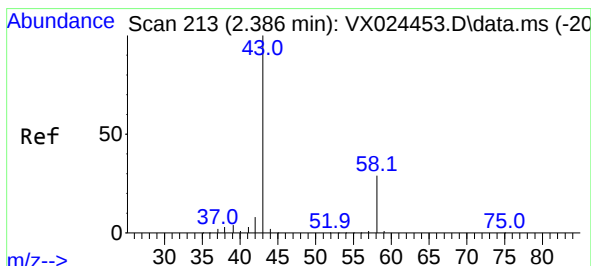
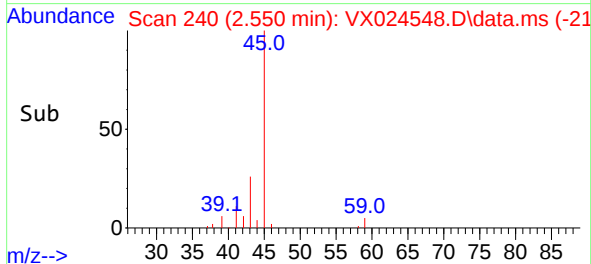
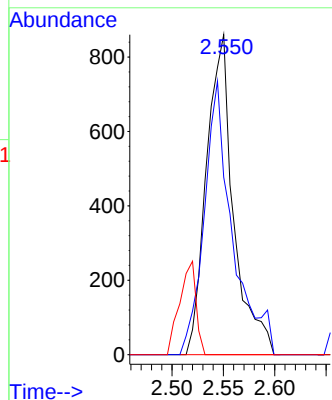
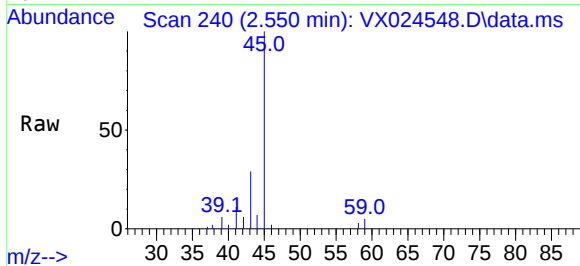




#14
 Allyl chloride
 Concen: 0.635 ug/l
 RT: 2.550 min Scan# 240
 Delta R.T. -0.116 min
 Lab File: VX024548.D
 Acq: 05 Oct 2021 03:19

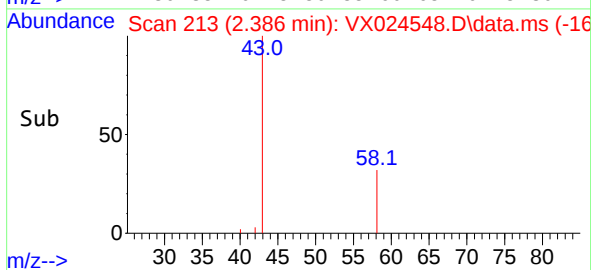
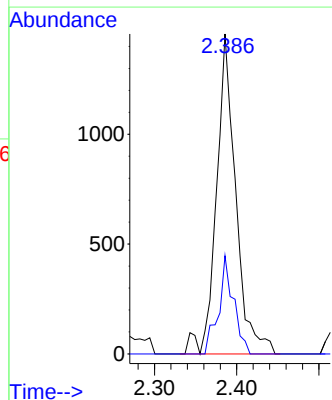
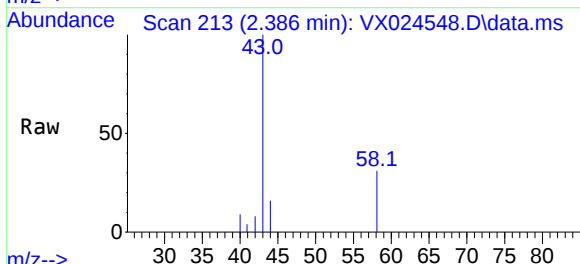
Instrument :
 MSVOA_X
 ClientSampled :
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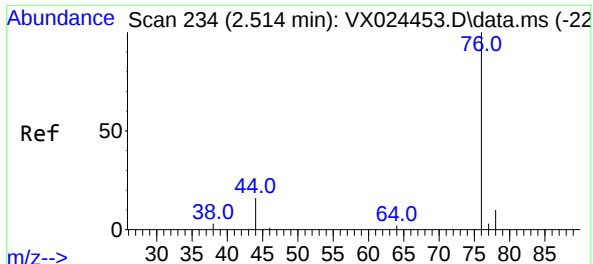
Tgt Ion: 41 Resp: 1579
 Ion Ratio Lower Upper
 41 100
 39 88.9 51.6 77.4#
 76 0.0 30.5 45.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX024548.D
 Acq: 05 Oct 2021 03:19

Tgt Ion: 43 Resp: 2392
 Ion Ratio Lower Upper
 43 100
 58 30.7 27.8 41.8

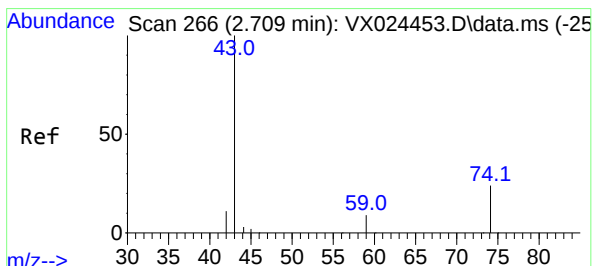
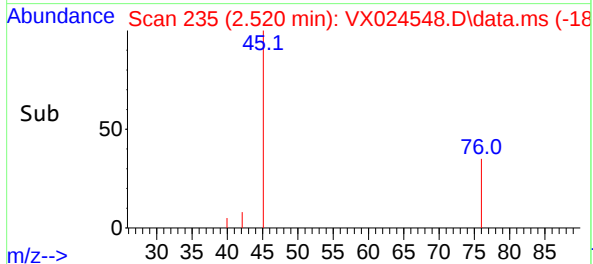
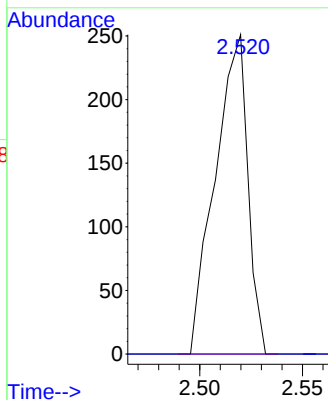
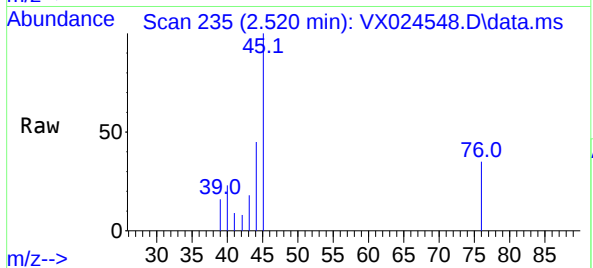




#17
Carbon Disulfide
Concen: 0.306 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX024548.D
Acq: 05 Oct 2021 03:19

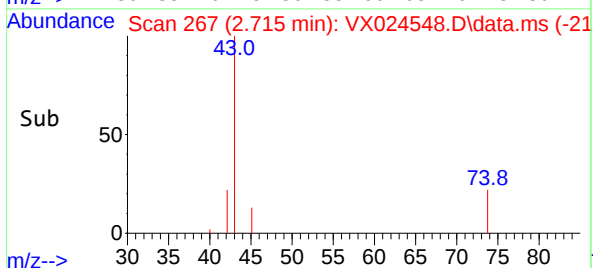
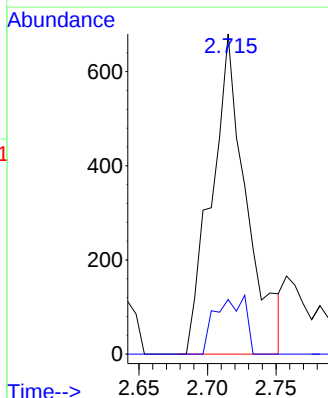
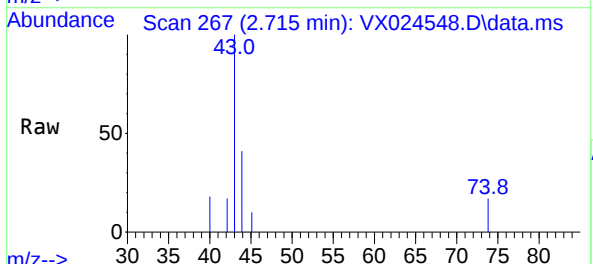
Instrument :
MSVOA_X
ClientSampled :
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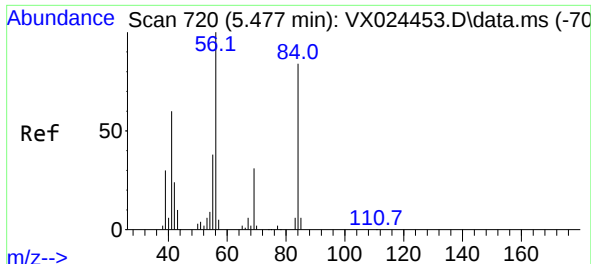
Tgt Ion: 76 Resp: 277
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.385 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX024548.D
Acq: 05 Oct 2021 03:19

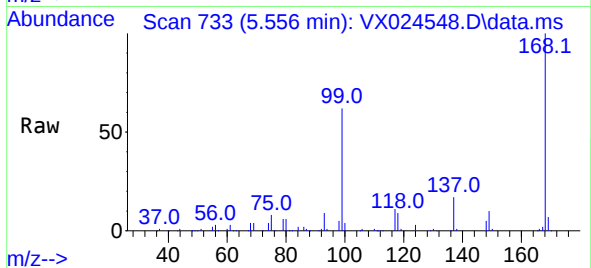
Tgt Ion: 43 Resp: 1205
Ion Ratio Lower Upper
43 100
74 15.6 21.9 32.9#



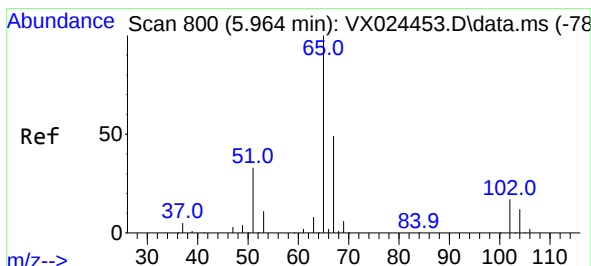
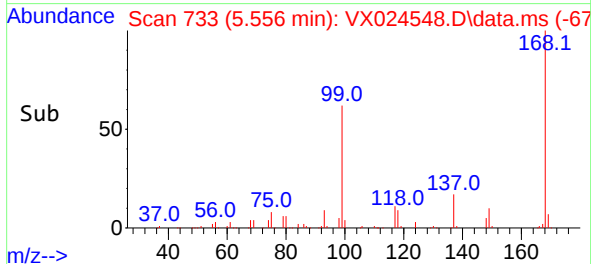
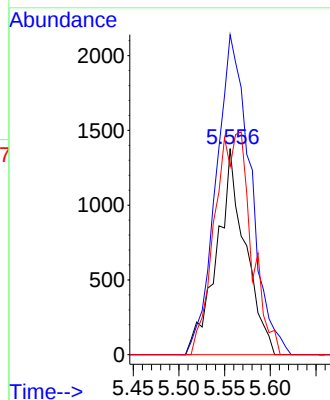


#31
Cyclohexane
Concen: 1.195 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024548.D
Acq: 05 Oct 2021 03:19

Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

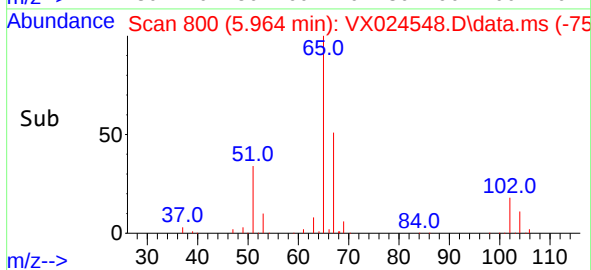
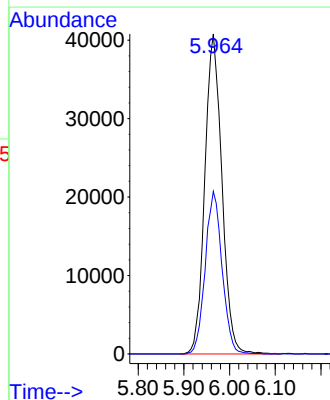
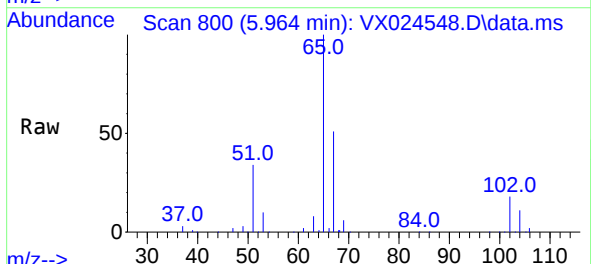


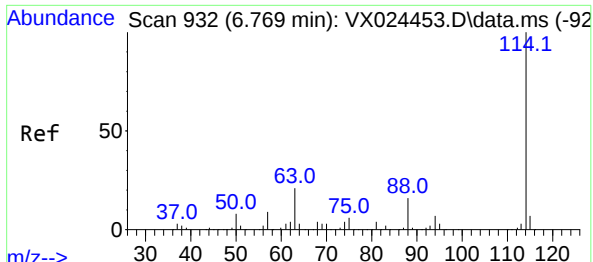
Tgt Ion: 56 Resp: 2992
Ion Ratio Lower Upper
56 100
69 155.3 25.3 37.9#
84 91.3 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 50.670 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024548.D
Acq: 05 Oct 2021 03:19

Tgt Ion: 65 Resp: 105946
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

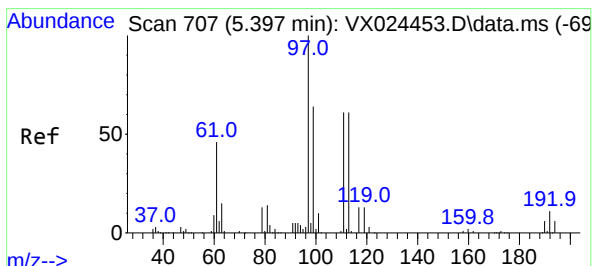
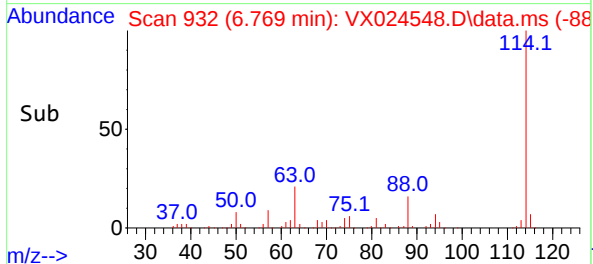
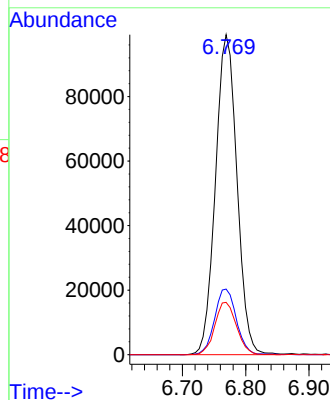
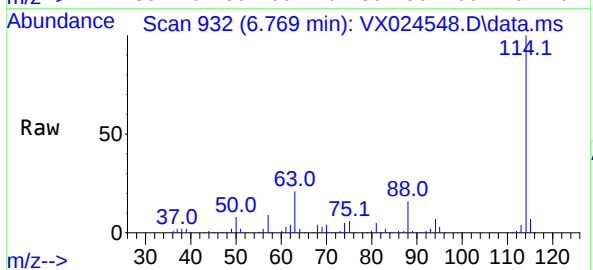




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024548.D
Acq: 05 Oct 2021 03:19

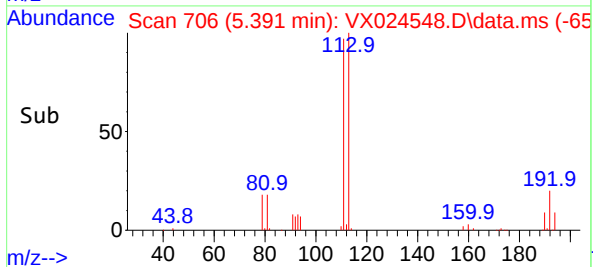
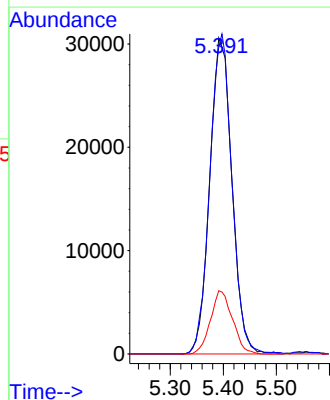
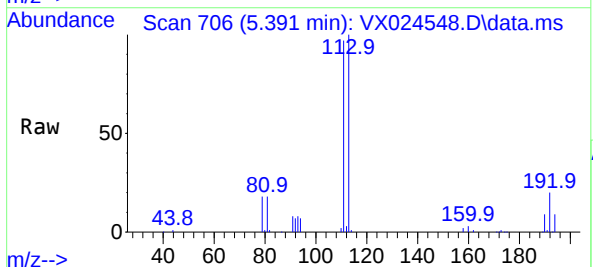
Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

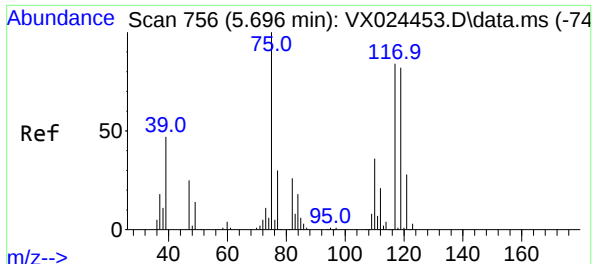
Tgt Ion:114 Resp: 233663
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 57.280 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024548.D
Acq: 05 Oct 2021 03:19

Tgt Ion:113 Resp: 88914
Ion Ratio Lower Upper
113 100
111 101.0 81.9 122.9
192 19.8 16.7 25.1



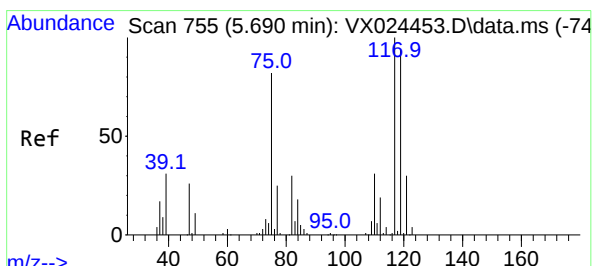
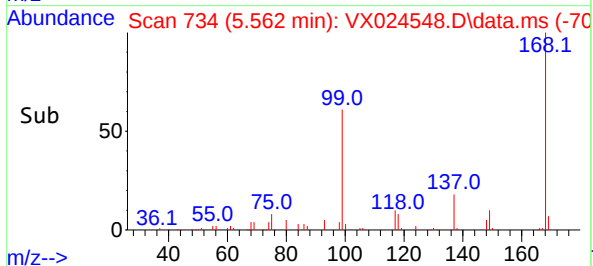
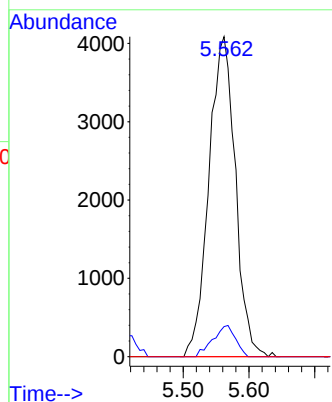
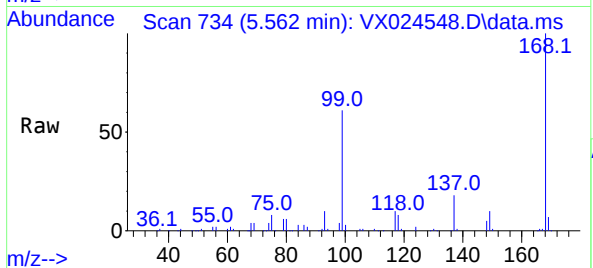


#36

1,1-Dichloropropene
Concen: 5.104 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024548.D
Acq: 05 Oct 2021 03:19

Instrument :
MSVOA_X
ClientSampleId :
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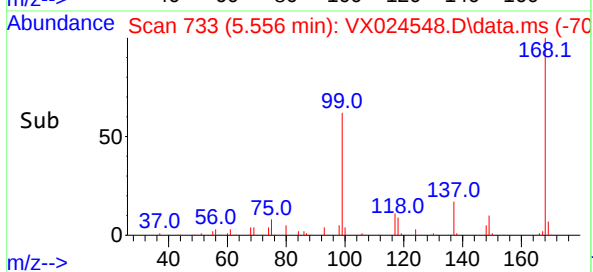
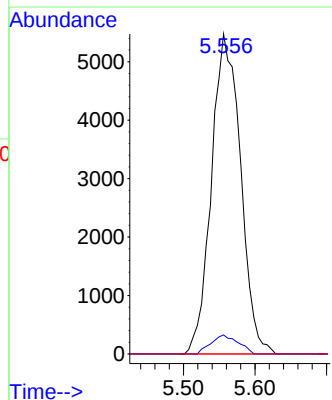
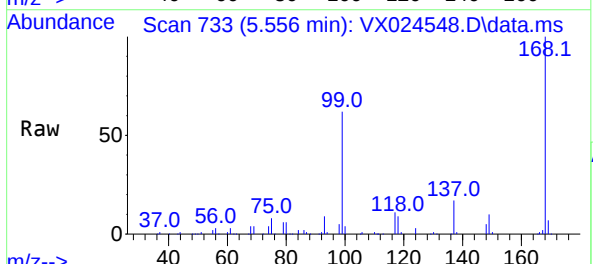
Tgt Ion: 75 Resp: 11433
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#

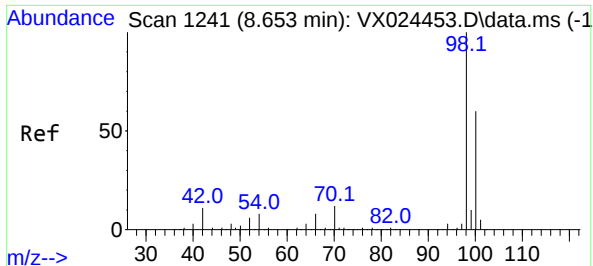


#38

Carbon Tetrachloride
Concen: 6.341 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024548.D
Acq: 05 Oct 2021 03:19

Tgt Ion: 117 Resp: 15462
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#

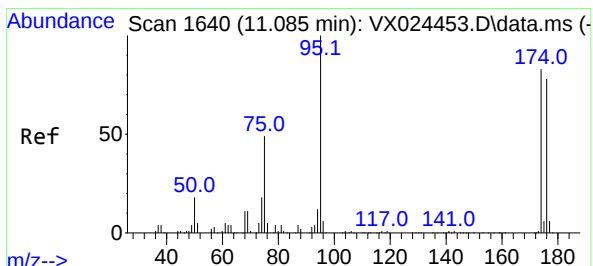
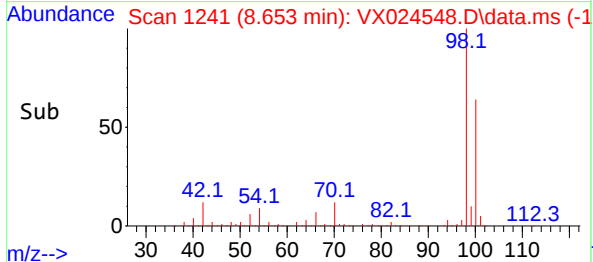
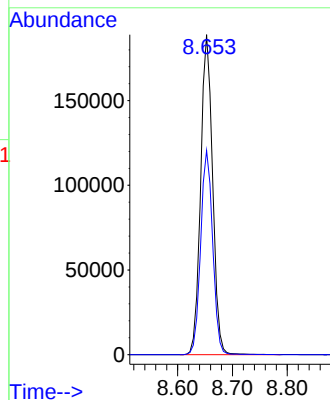
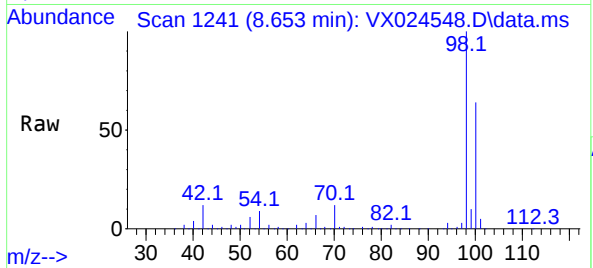




#50
Toluene-d8
Concen: 50.163 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024548.D
Acq: 05 Oct 2021 03:19

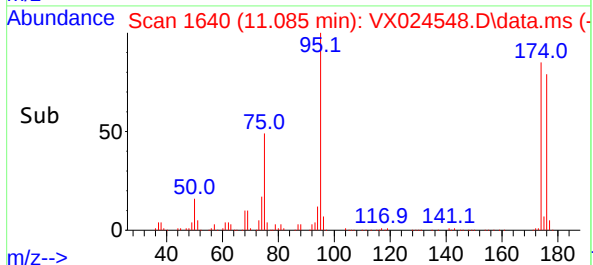
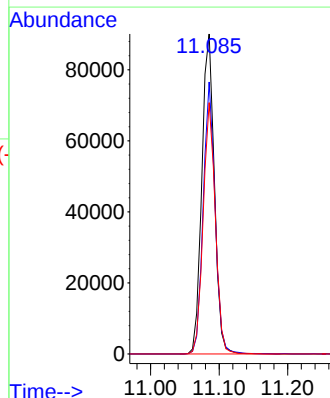
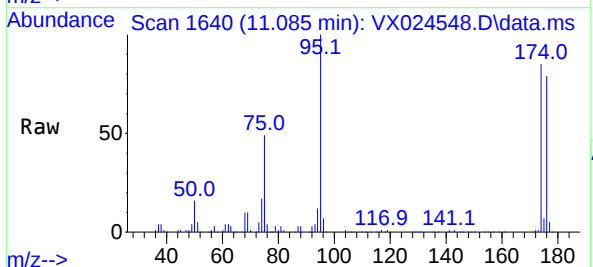
Instrument :
MSVOA_X
ClientSampleId :
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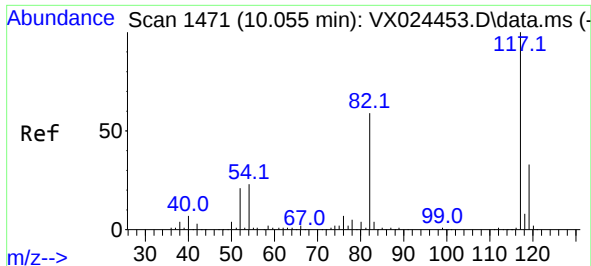
Tgt Ion: 98 Resp: 286591
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.059 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024548.D
Acq: 05 Oct 2021 03:19

Tgt Ion: 95 Resp: 114695
Ion Ratio Lower Upper
95 100
174 80.5 0.0 154.6
176 76.3 0.0 155.8

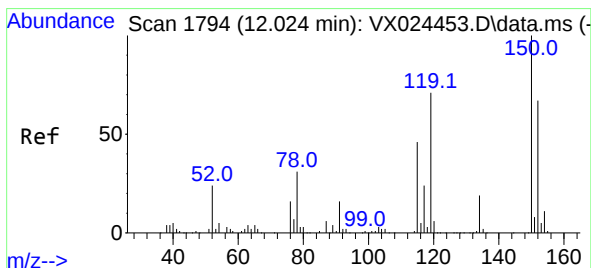
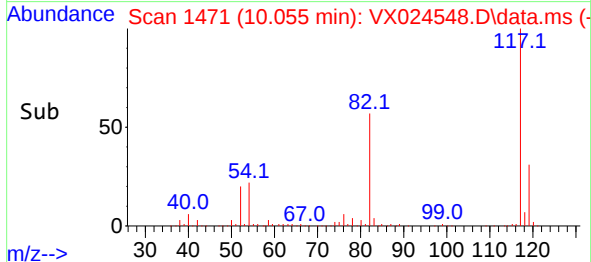
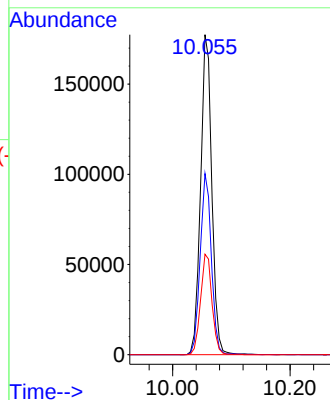
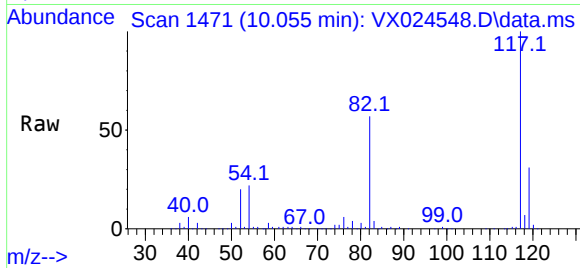




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024548.D
Acq: 05 Oct 2021 03:19

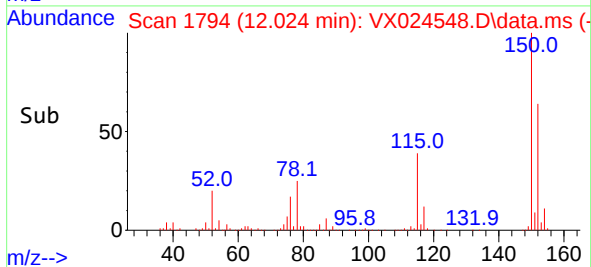
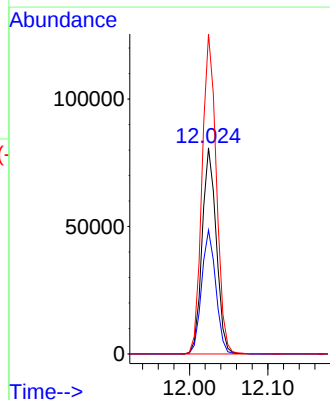
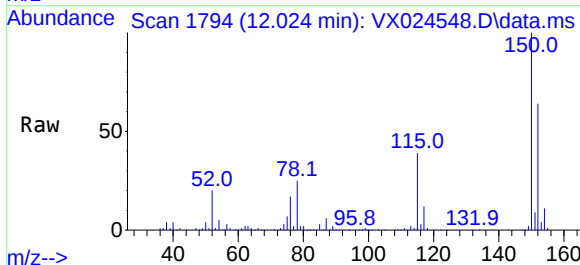
Instrument :
MSVOA_X
ClientSampleId :
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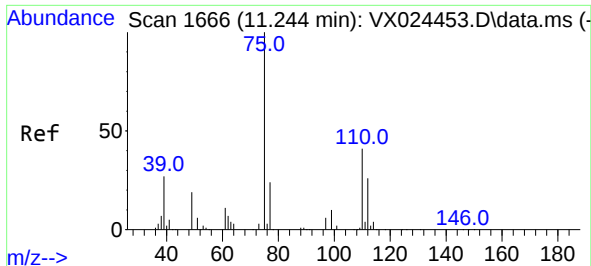
Tgt Ion:117 Resp: 235141
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024548.D
Acq: 05 Oct 2021 03:19

Tgt Ion:152 Resp: 101436
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 156.8 0.0 349.0

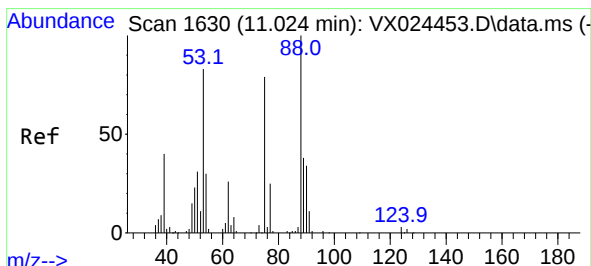
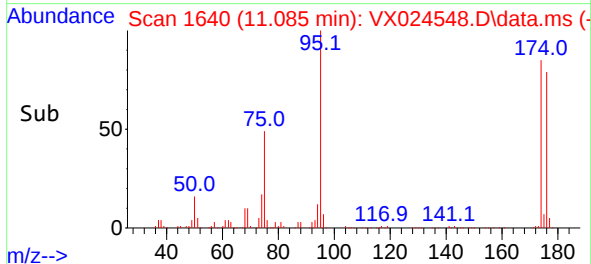
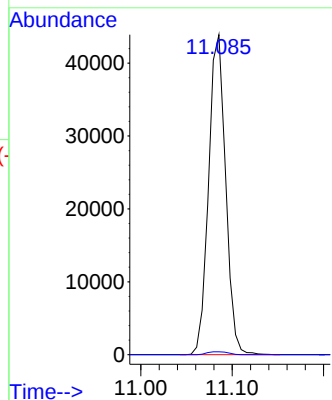
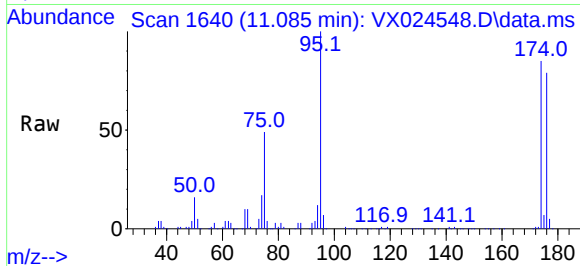




#76
1,2,3-Trichloropropane
Concen: 24.588 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024548.D
Acq: 05 Oct 2021 03:19

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 56639
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.081 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024548.D
Acq: 05 Oct 2021 03:19

Tgt Ion: 75 Resp: 56639
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

