

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024549.D
 Acq On : 05 Oct 2021 03:42
 Operator : JC/MD
 Sample : M3989-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK

Quant Time: Oct 05 08:34:57 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)

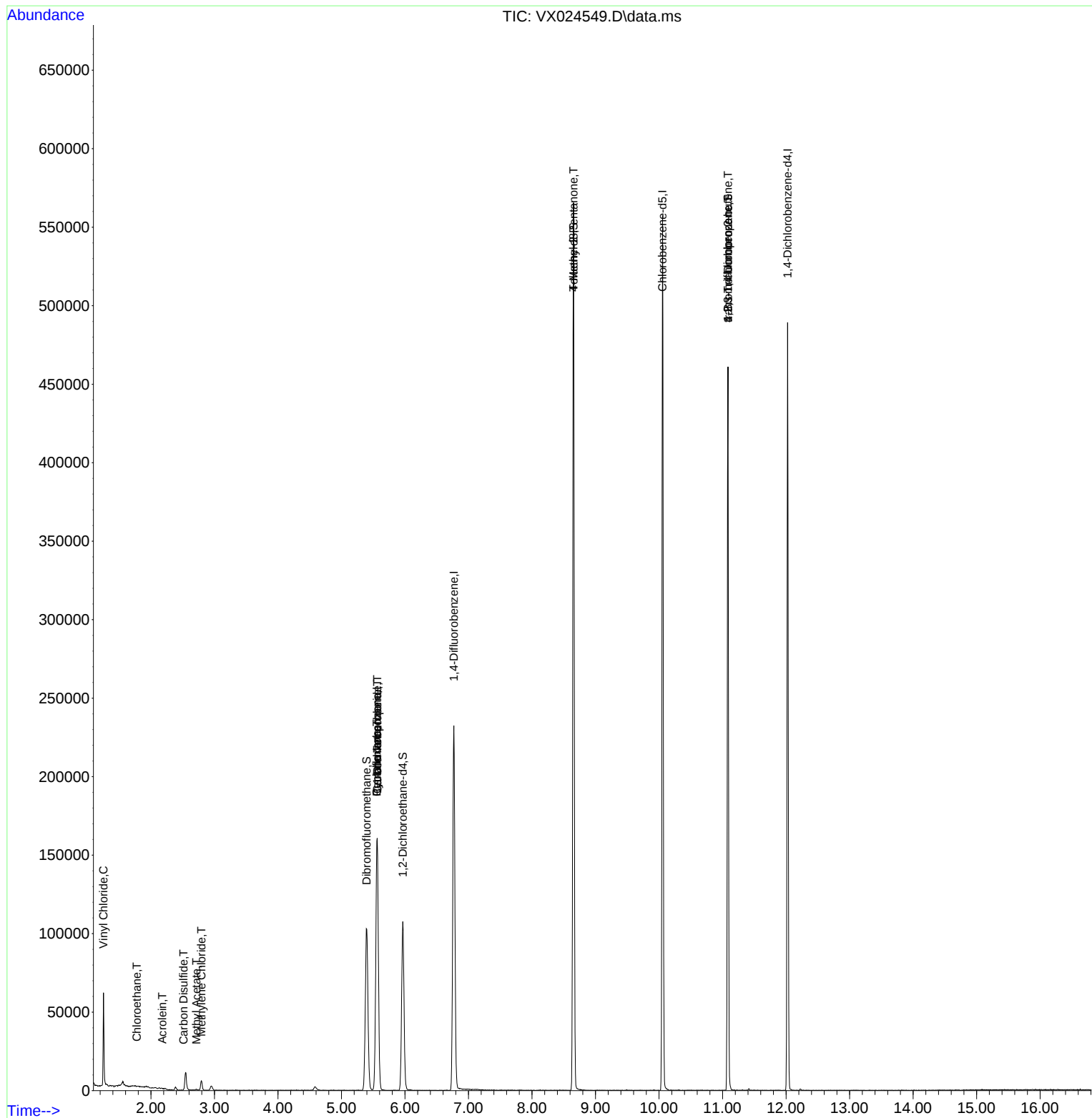
Internal Standards						
1) Pentafluorobenzene	5.556	168	152845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	229388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	106363	49.376	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.760%			
35) Dibromofluoromethane	5.397	113	91491	60.038	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 120.080%			
50) Toluene-d8	8.653	98	328497	58.569	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 117.140%#			
62) 4-Bromofluorobenzene	11.085	95	121012	54.875	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.740%			
Target Compounds			Qvalue			
4) Vinyl Chloride	1.252	62	469	0.309	ug/l #	1
6) Chloroethane	1.776	64	254	0.508	ug/l #	43
11) Tert butyl alcohol	2.959	59	1795	Below Cal	#	73
13) Acrolein	2.178	56	20	10.222	ug/l #	14
16) Acetone	2.386	43	2203	Below Cal		99
17) Carbon Disulfide	2.514	76	257	0.299	ug/l #	75
18) Methyl Acetate	2.715	43	937	0.290	ug/l #	65
20) Methylene Chloride	2.794	84	2781	0.595	ug/l #	82
31) Cyclohexane	5.556	56	2939	1.139	ug/l #	10
36) 1,1-Dichloropropene	5.562	75	11603	5.276	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15542	6.493	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	1586	0.576	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	61274	27.363	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	61274	74.435	ug/l #	12

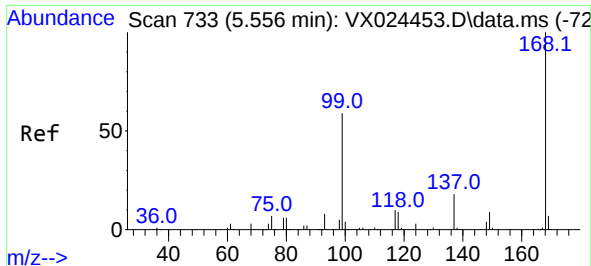
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
Data File : VX024549.D
Acq On : 05 Oct 2021 03:42
Operator : JC/MD
Sample : M3989-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Quant Time: Oct 05 08:34:57 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

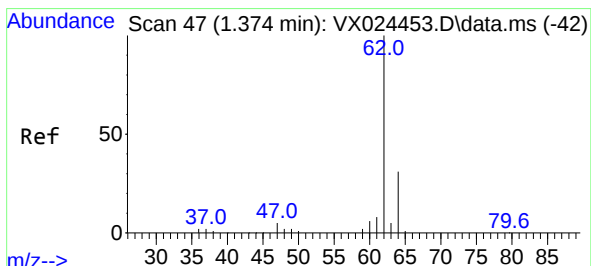
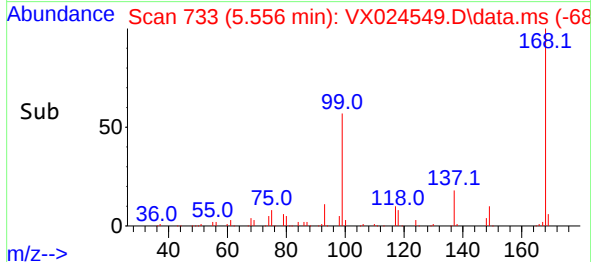
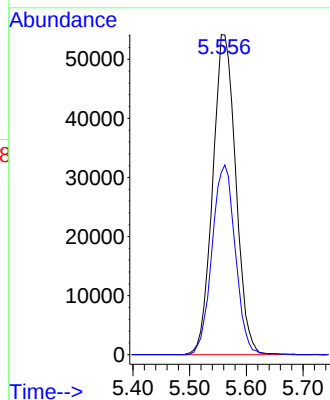
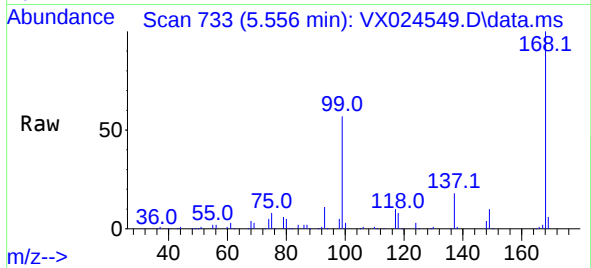




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

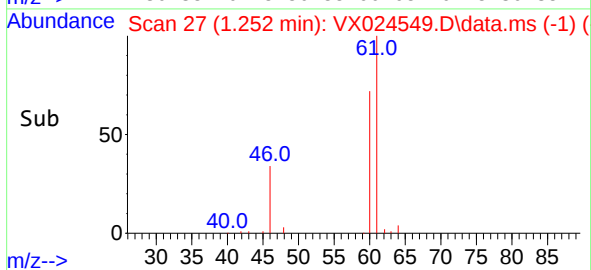
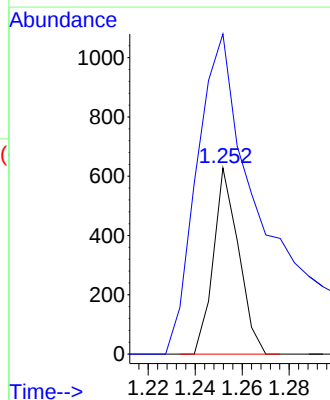
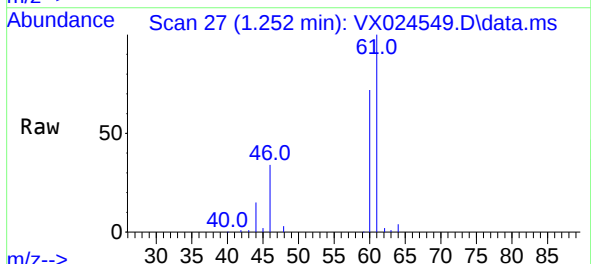
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

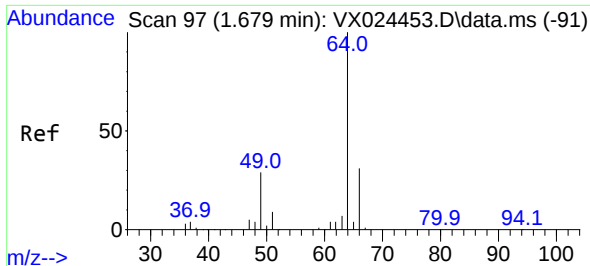
Tgt Ion:168 Resp: 152845
Ion Ratio Lower Upper
168 100
99 56.9 45.8 68.6



#4
Vinyl Chloride
Concen: 0.309 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.122 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

Tgt Ion: 62 Resp: 469
Ion Ratio Lower Upper
62 100
64 147.0 25.7 38.5#

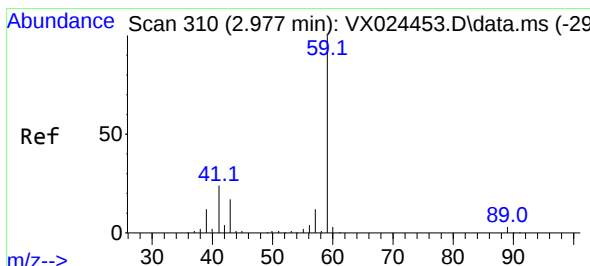
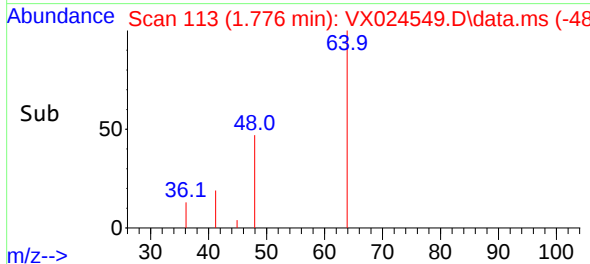
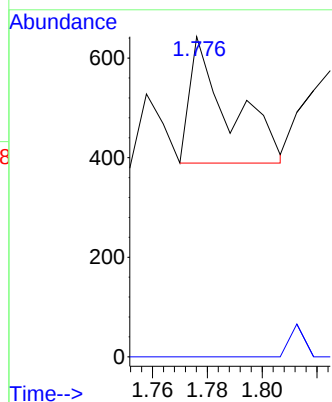
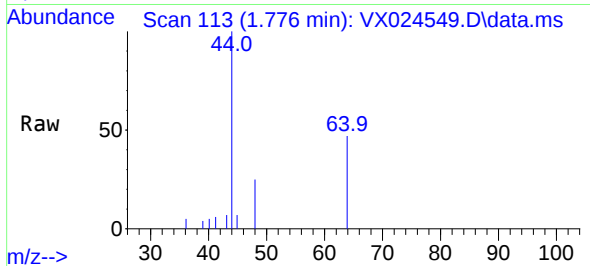




#6
Chloroethane
Concen: 0.508 ug/l
RT: 1.776 min Scan# 113
Delta R.T. 0.097 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

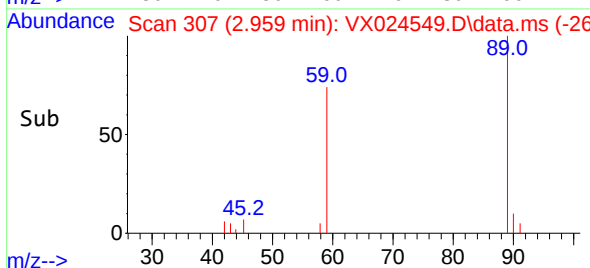
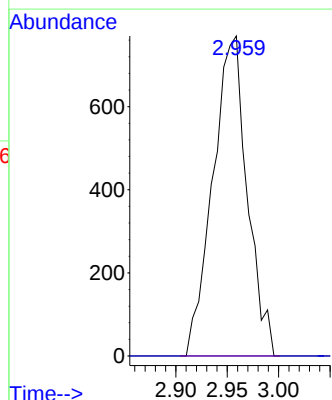
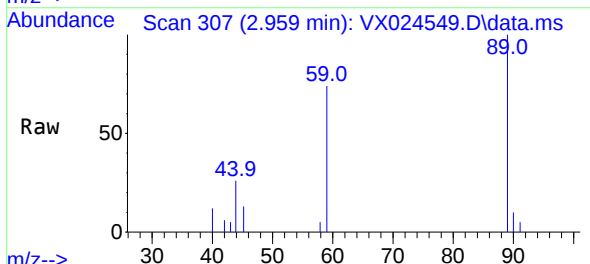
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

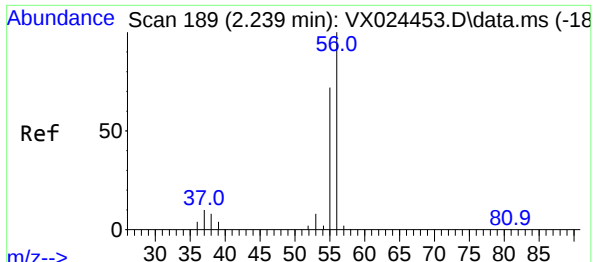
Tgt Ion: 64 Resp: 254
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

Tgt Ion: 59 Resp: 1795
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

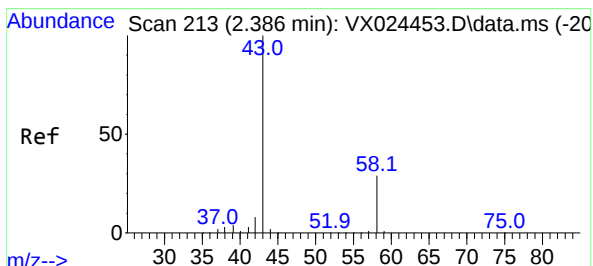
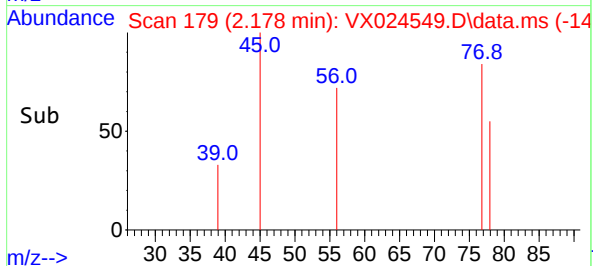
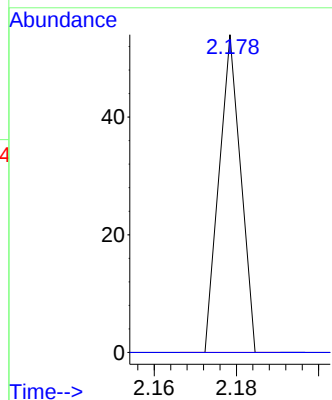
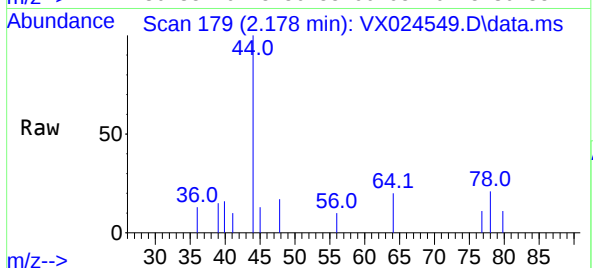




#13
Acrolein
Concen: 10.222 ug/l
RT: 2.178 min Scan# 179
Delta R.T. -0.061 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

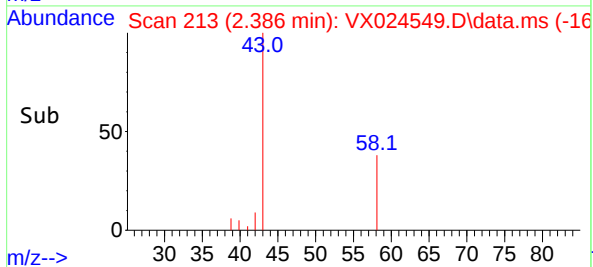
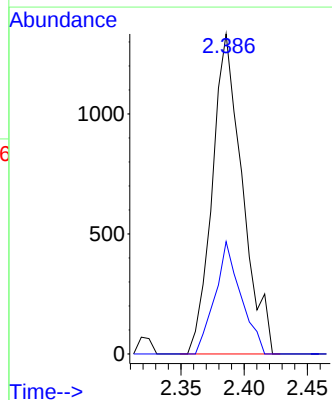
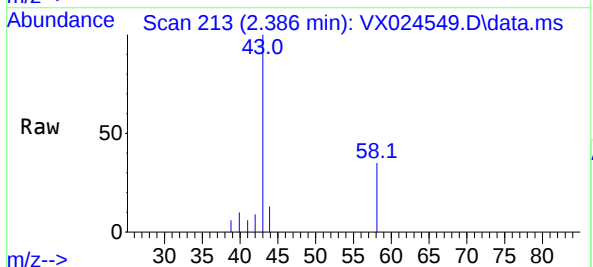
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

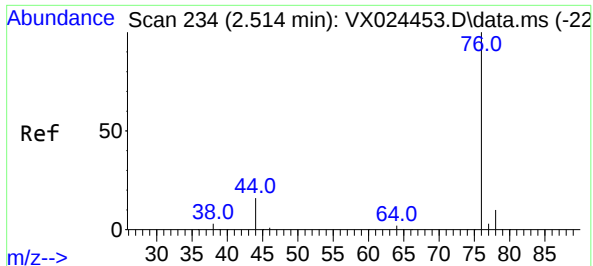
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

Tgt Ion: 43 Resp: 2203
Ion Ratio Lower Upper
43 100
58 35.1 27.8 41.8

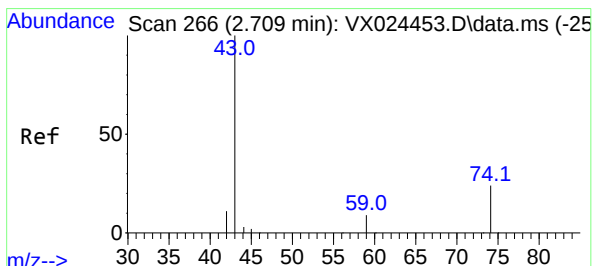
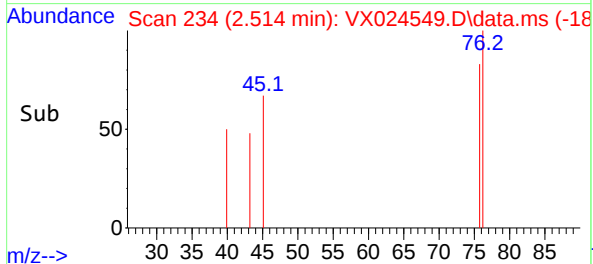
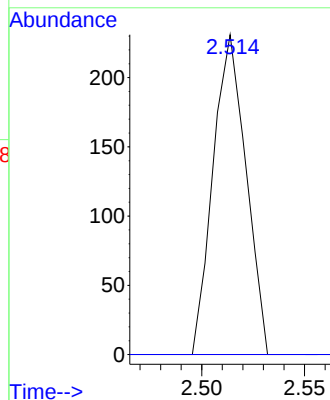
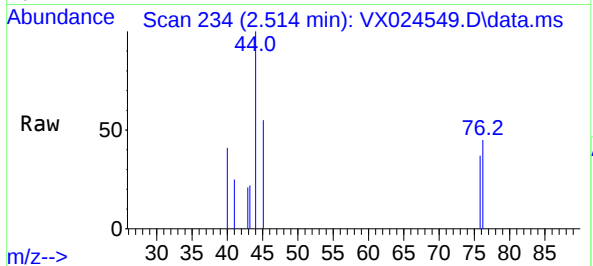




#17
Carbon Disulfide
Concen: 0.299 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

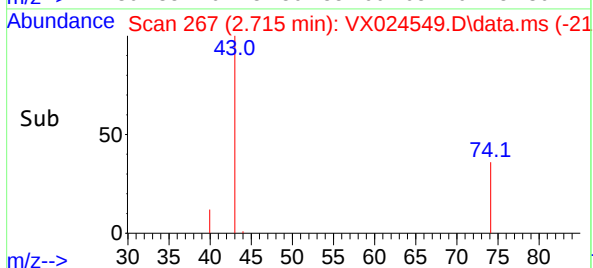
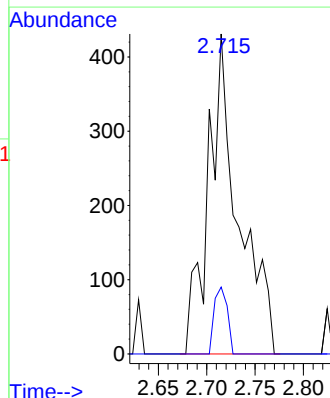
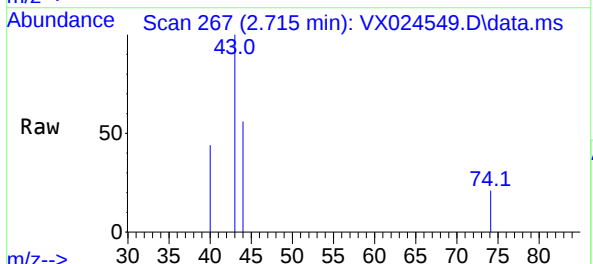
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

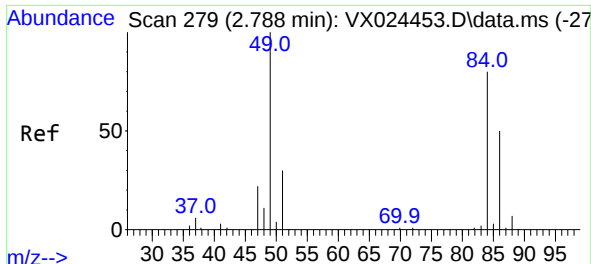
Tgt Ion: 76 Resp: 257
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.290 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

Tgt Ion: 43 Resp: 937
Ion Ratio Lower Upper
43 100
74 9.0 21.9 32.9#



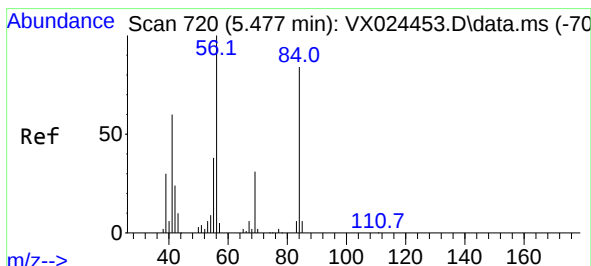
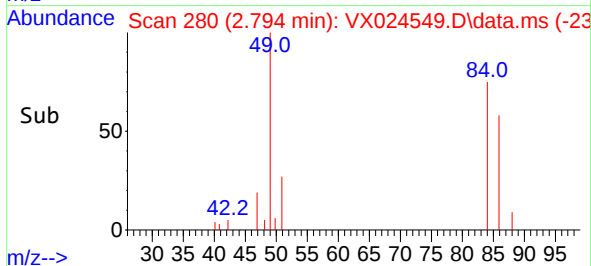
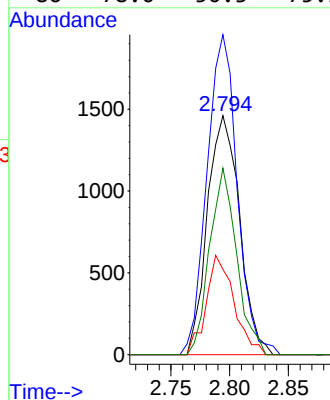
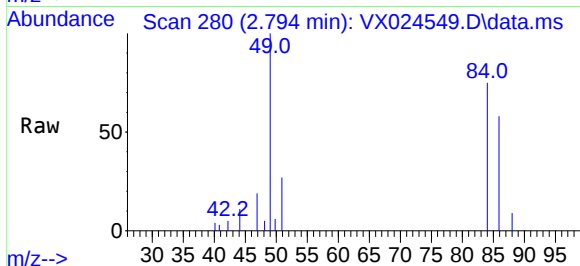


#20
Methylene Chloride
Concen: 0.595 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

Instrument :
MSVOA_X
ClientSampled :
FIELD-BLANK

Tgt Ion: 84 Resp: 2781

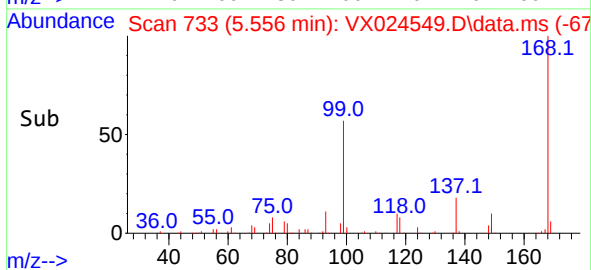
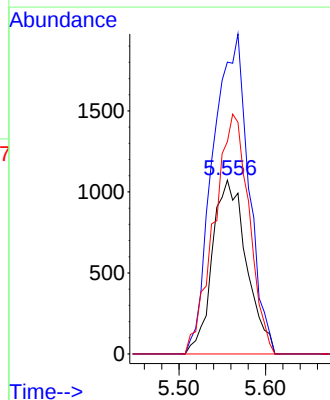
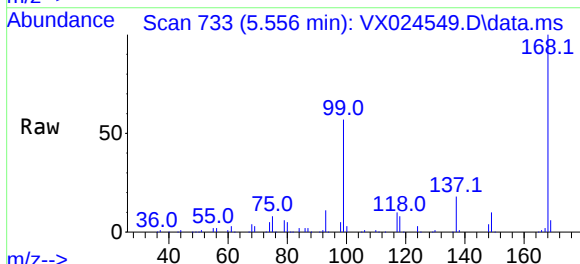
Ion	Ratio	Lower	Upper
84	100		
49	133.9	88.6	132.8#
51	35.7	27.0	40.6
86	78.0	50.3	75.5#

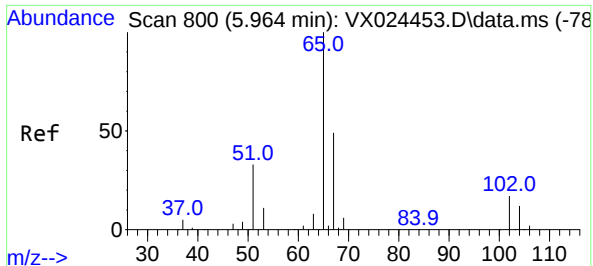


#31
Cyclohexane
Concen: 1.139 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

Tgt Ion: 56 Resp: 2939

Ion	Ratio	Lower	Upper
56	100		
69	167.8	25.3	37.9#
84	122.2	71.4	107.0#



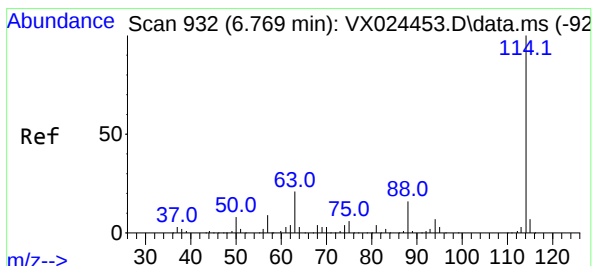
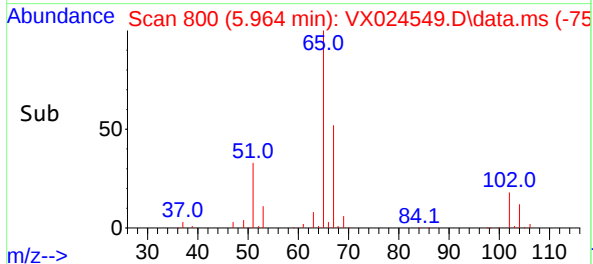
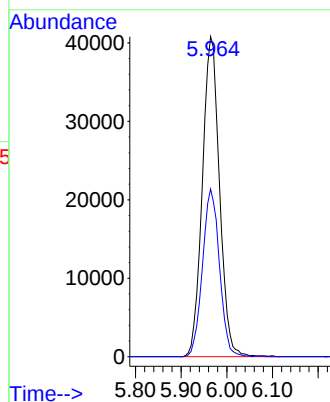
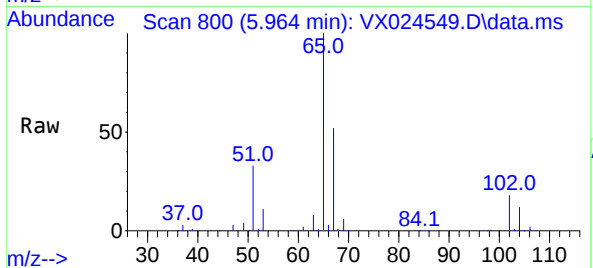


#33

1,2-Dichloroethane-d4
Concen: 49.376 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

Instrument :
MSVOA_X
ClientSampled :
FIELD-BLANK

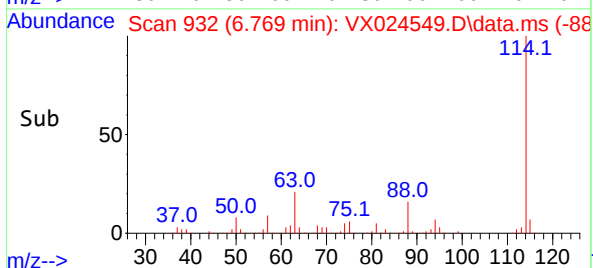
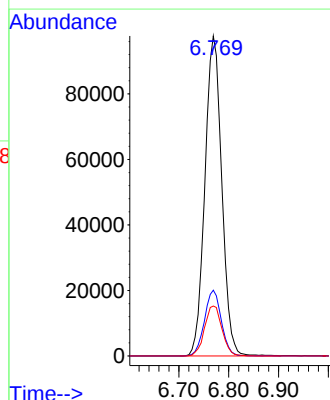
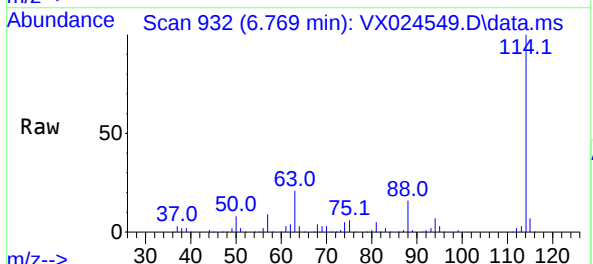
Tgt Ion: 65 Resp: 106363
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

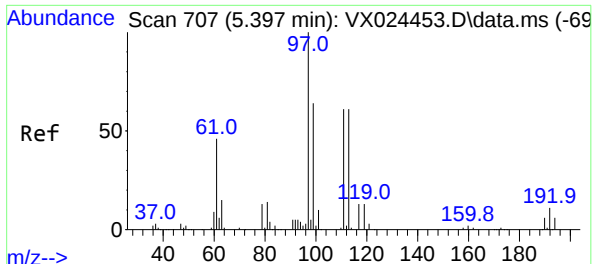


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

Tgt Ion: 114 Resp: 229388
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 15.6 0.0 32.8



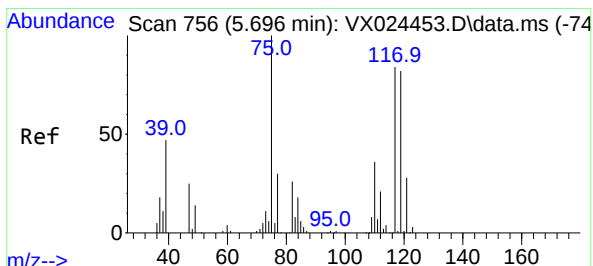
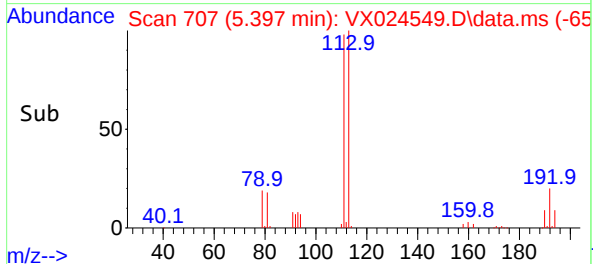
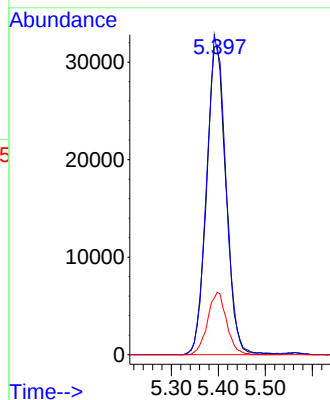
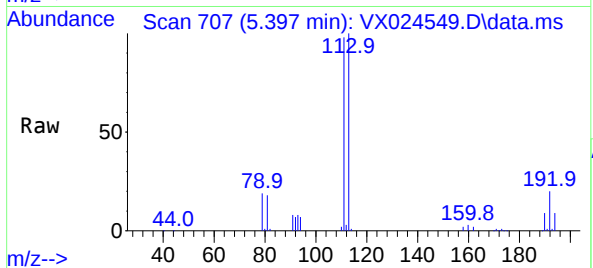


#35
Dibromofluoromethane
Concen: 60.038 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion:113 Resp: 91491

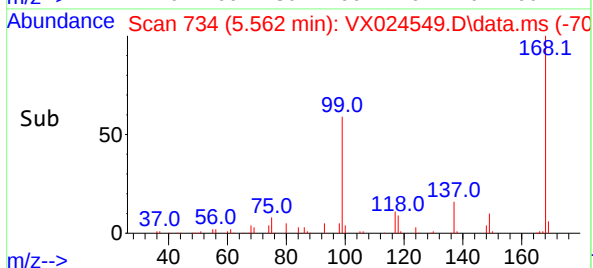
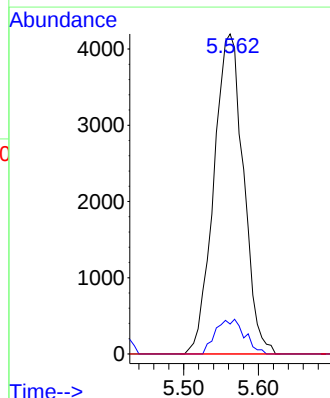
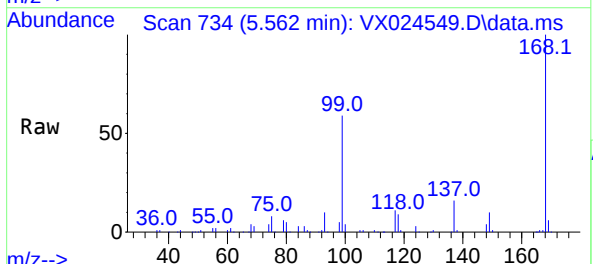
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.9	122.9
192	19.6	16.7	25.1

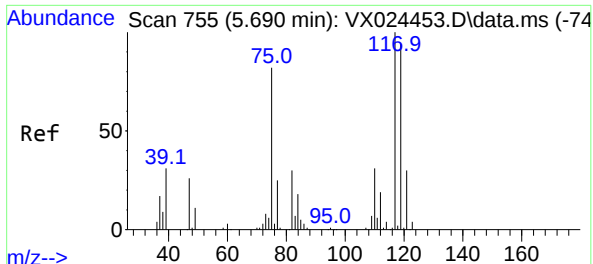


#36
1,1-Dichloropropene
Concen: 5.276 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

Tgt Ion: 75 Resp: 11603

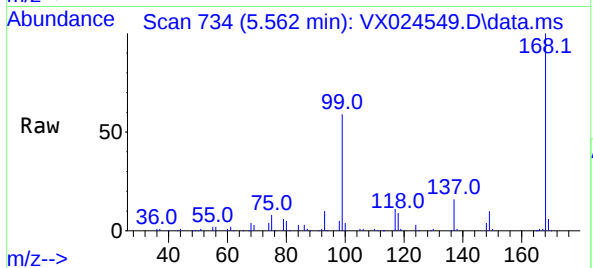
Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.1	54.4#
77	0.0	25.3	37.9#



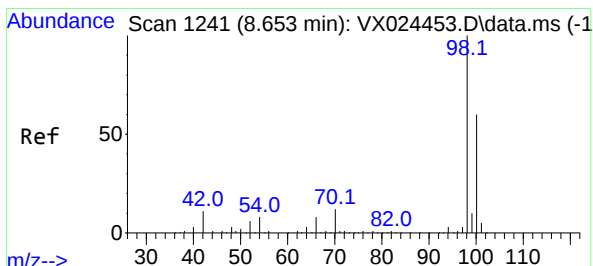
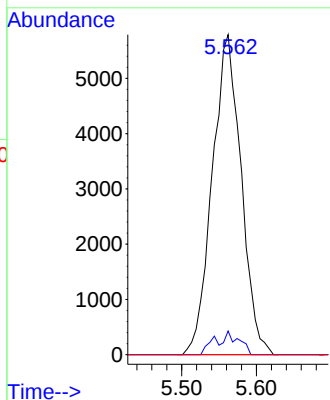
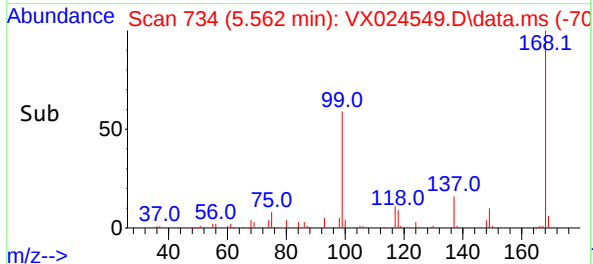


#38
Carbon Tetrachloride
Concen: 6.493 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

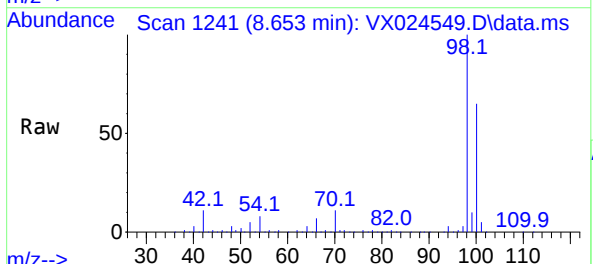
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK



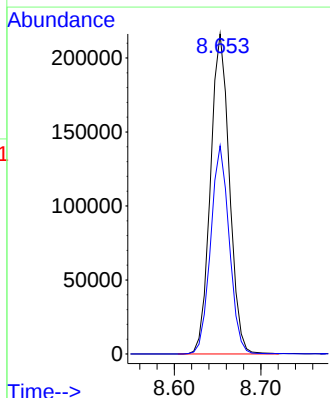
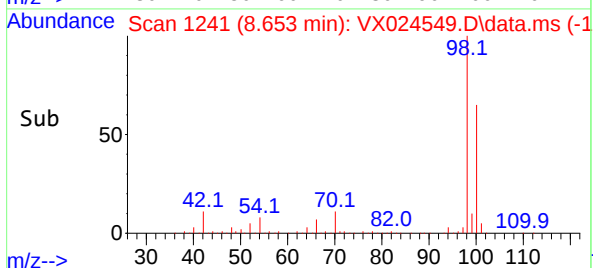
Tgt Ion:117 Resp: 15542
Ion Ratio Lower Upper
117 100
119 7.4 76.2 114.2#
121 0.0 24.8 37.2#

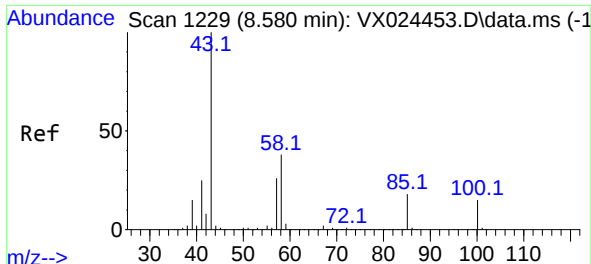


#50
Toluene-d8
Concen: 58.569 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42



Tgt Ion: 98 Resp: 328497
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

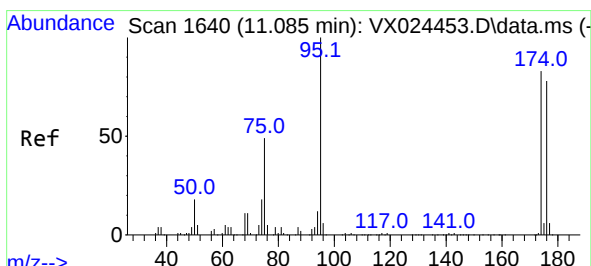
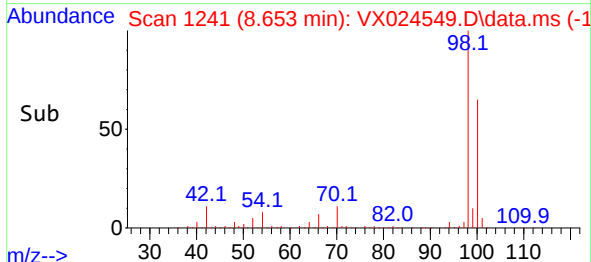
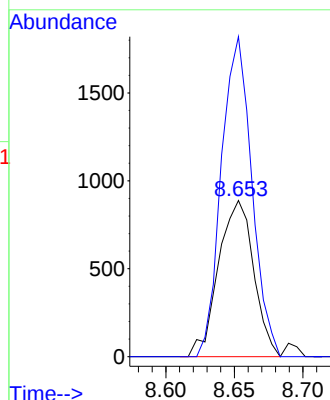
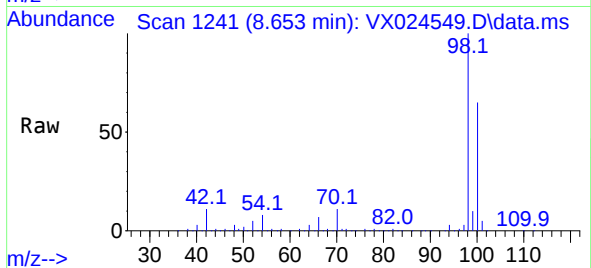




#51
4-Methyl-2-Pentanone
Concen: 0.576 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

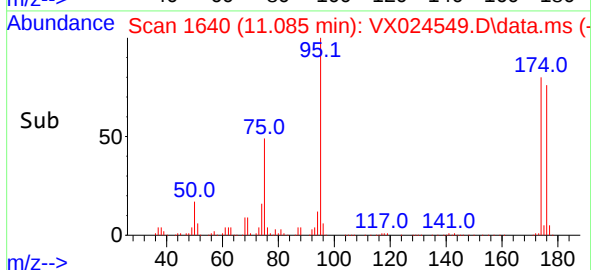
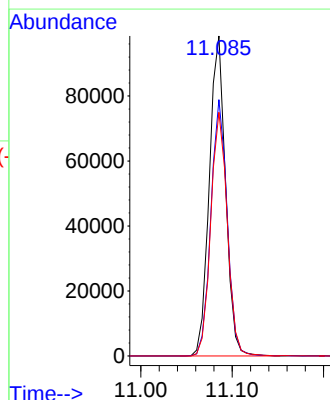
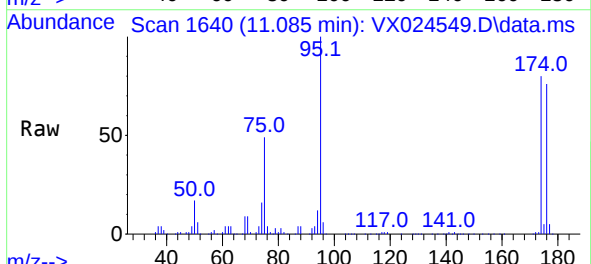
Instrument :
MSVOA_X
ClientSampled :
FIELD-BLANK

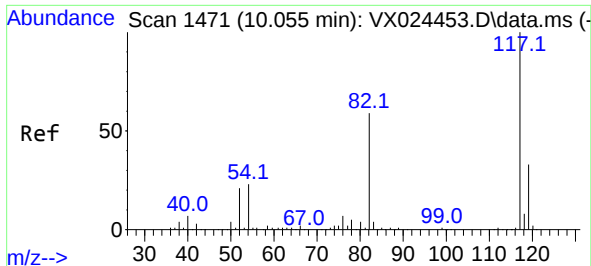
Tgt Ion: 43 Resp: 1586
Ion Ratio Lower Upper
43 100
58 177.3 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 54.875 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

Tgt Ion: 95 Resp: 121012
Ion Ratio Lower Upper
95 100
174 80.5 0.0 154.6
176 77.6 0.0 155.8

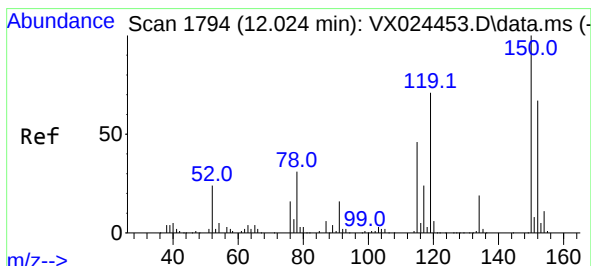
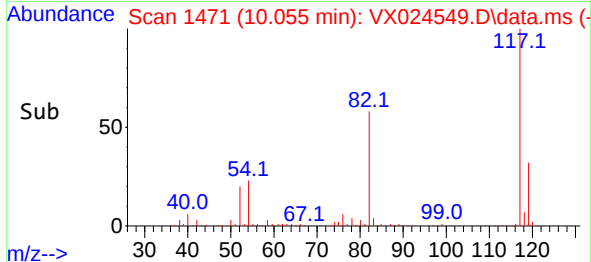
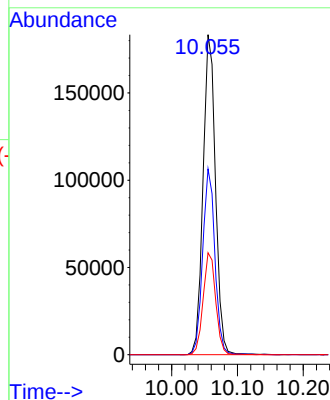
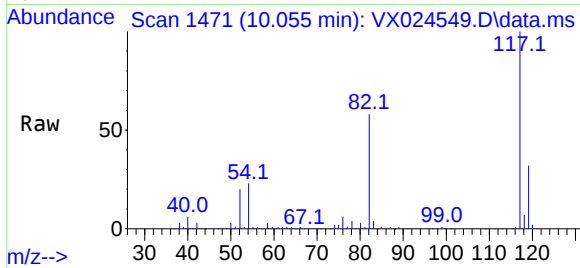




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

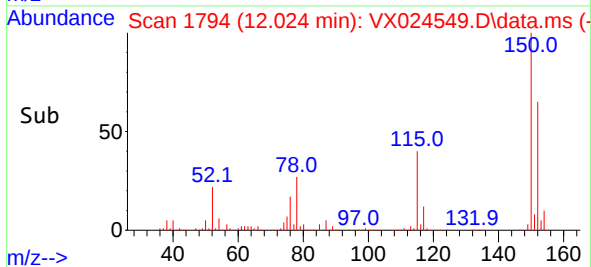
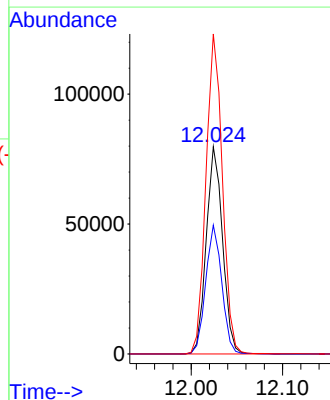
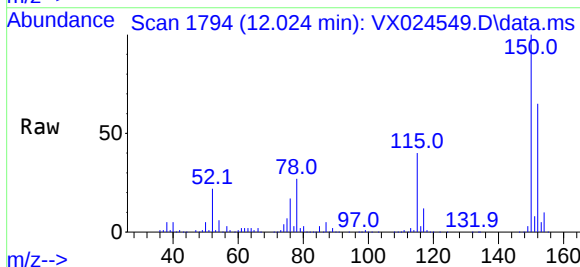
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

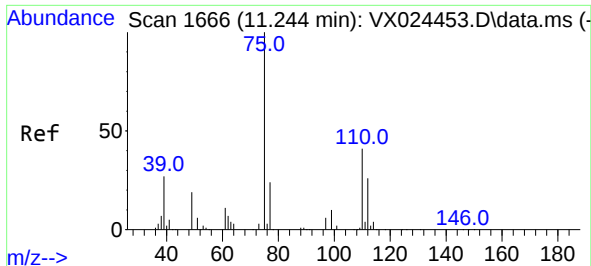
Tgt Ion:117 Resp: 241017
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

Tgt Ion:152 Resp: 98607
Ion Ratio Lower Upper
152 100
115 61.6 41.1 123.3
150 155.4 0.0 349.0

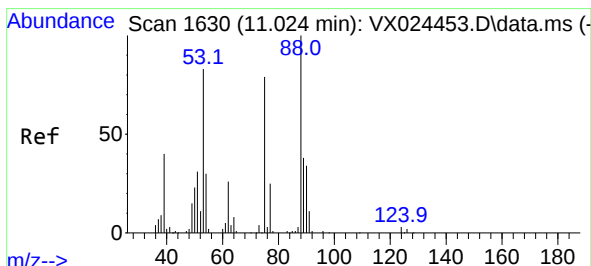
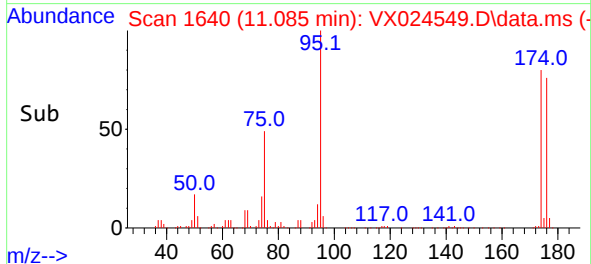
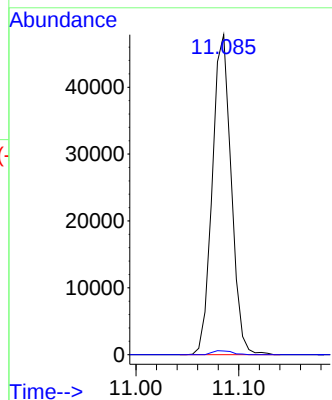
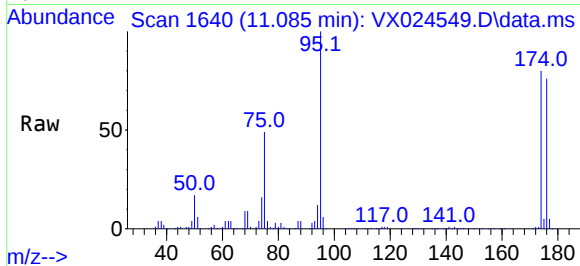




#76
1,2,3-Trichloropropane
Concen: 27.363 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion: 75 Resp: 61274
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.435 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

Tgt Ion: 75 Resp: 61274
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

