

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101221\
 Data File : VX024770.D
 Acq On : 12 Oct 2021 17:57
 Operator : JC/MD
 Sample : M4169-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 18:23:34 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)

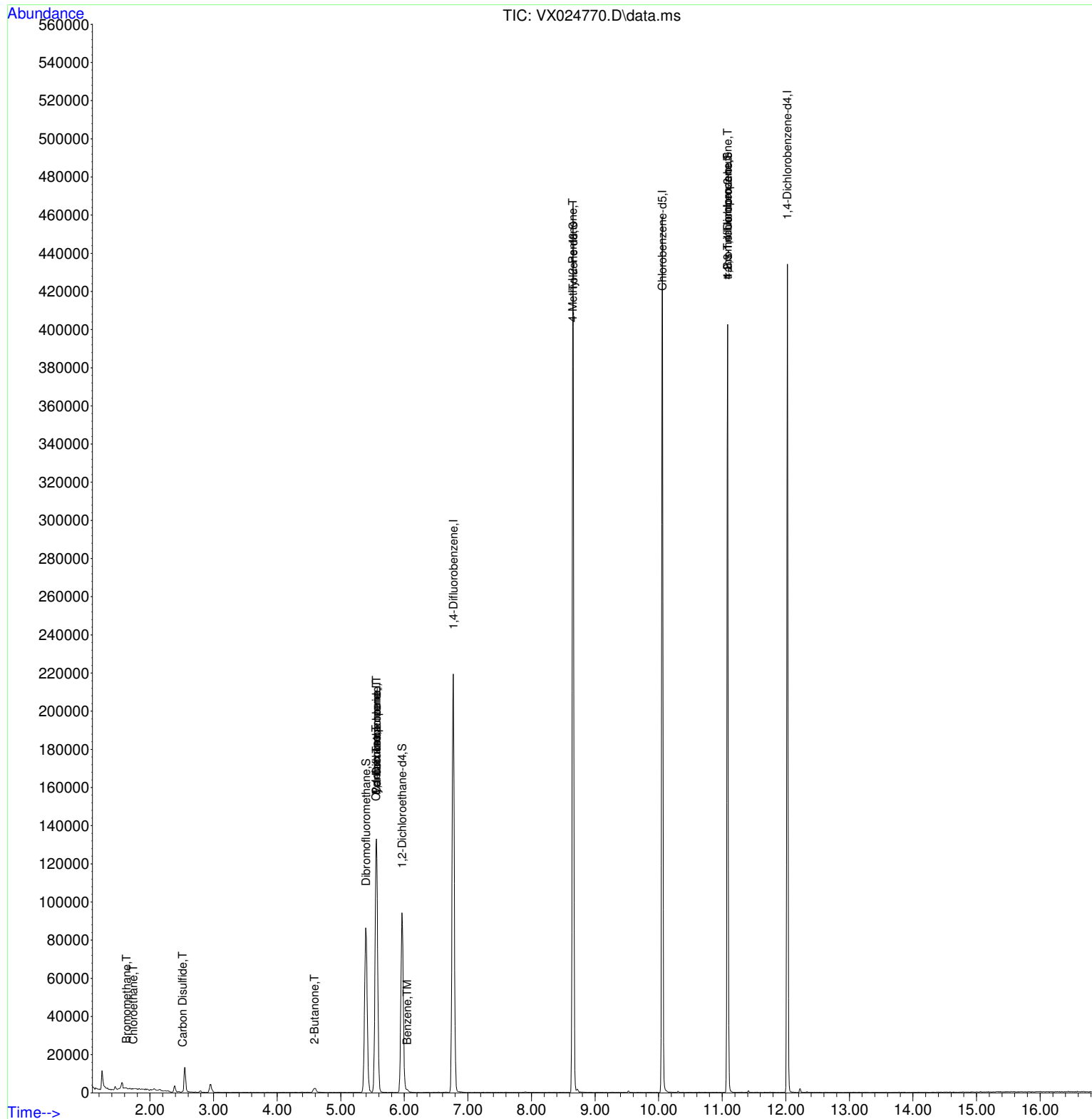
Internal Standards						
1) Pentafluorobenzene	5.562	168	122082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	216749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	95852	55.71	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	111.42%		
35) Dibromofluoromethane	5.397	113	74520	51.75	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.50%		
50) Toluene-d8	8.653	98	268749	50.71	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.42%		
62) 4-Bromofluorobenzene	11.085	95	103875	49.85	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.70%		
Target Compounds						
						Qvalue
5) Bromomethane	1.630	94	342	0.42	ug/l #	51
6) Chloroethane	1.733	64	131	0.42	ug/l #	43
11) Tert butyl alcohol	2.947	59	3180	Below Cal	#	73
16) Acetone	2.392	43	3915	Below Cal	#	87
17) Carbon Disulfide	2.514	76	277	0.32	ug/l #	75
20) Methylene Chloride	2.794	84	439	Below Cal	#	71
25) 2-Butanone	4.587	43	400	0.34	ug/l #	45
31) Cyclohexane	5.556	56	2593	1.26	ug/l #	18
36) 1,1-Dichloropropene	5.562	75	9871	4.75	ug/l #	49
38) Carbon Tetrachloride	5.562	117	12930	5.72	ug/l #	18
40) Benzene	6.044	78	1504	0.25	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	1186	0.46	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	55097	27.56	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55097	74.97	ug/l #	12

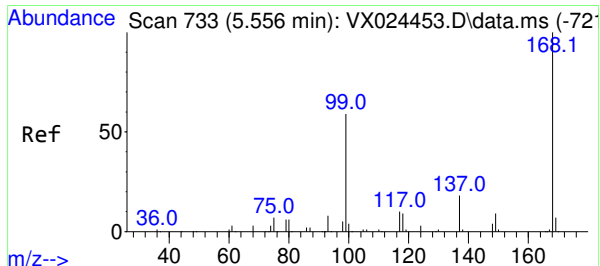
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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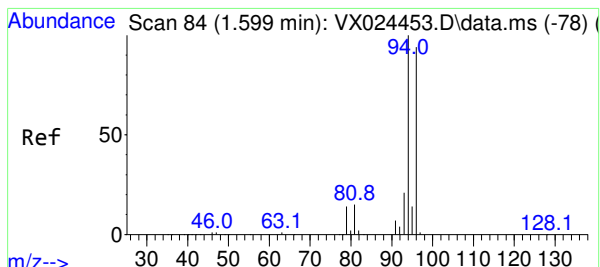
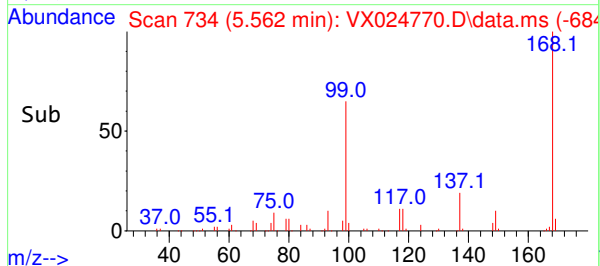
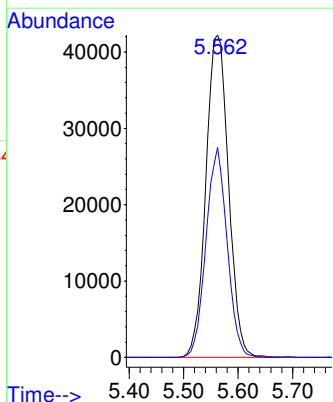
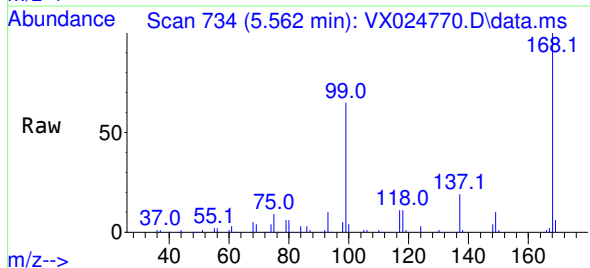




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

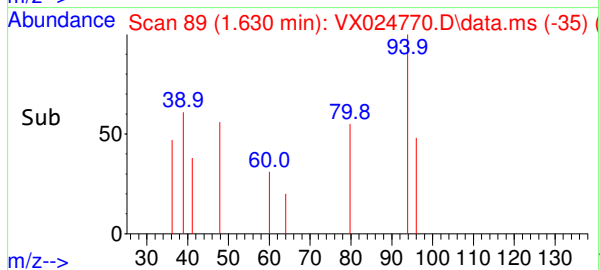
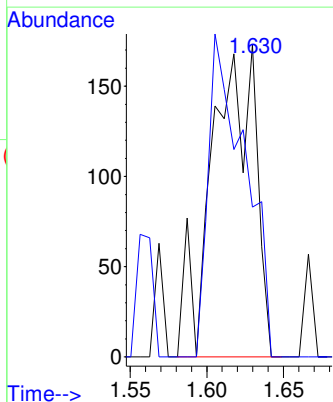
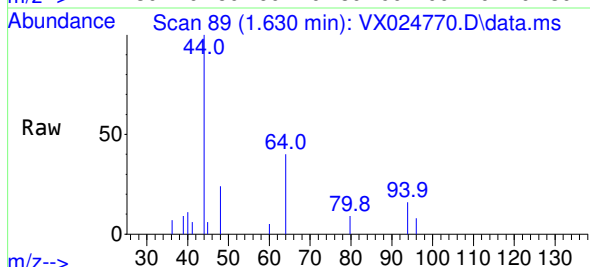
Instrument :
MSVOA_X
ClientSampled :

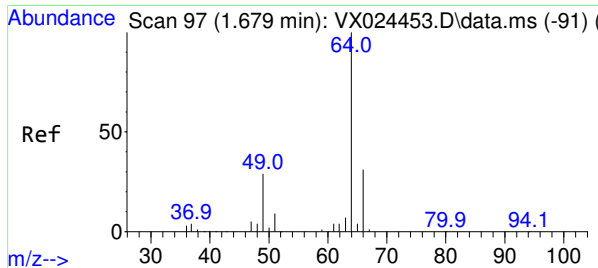
Tgt Ion:168 Resp: 122082
Ion Ratio Lower Upper
168 100
99 65.2 45.8 68.6



#5
Bromomethane
Concen: 0.42 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

Tgt Ion: 94 Resp: 342
Ion Ratio Lower Upper
94 100
96 48.0 76.4 114.6#

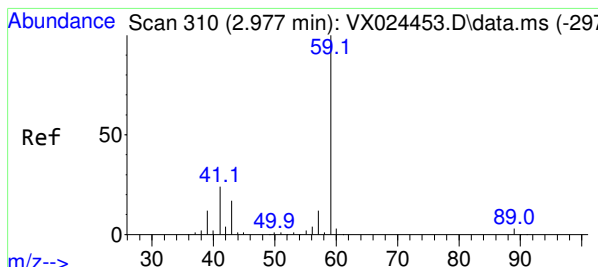
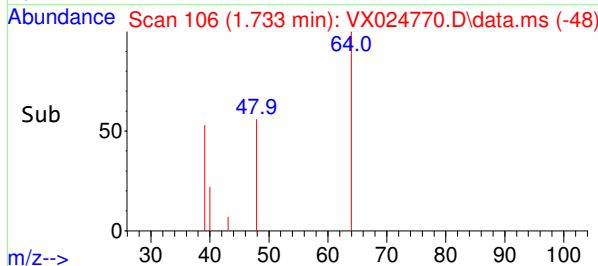
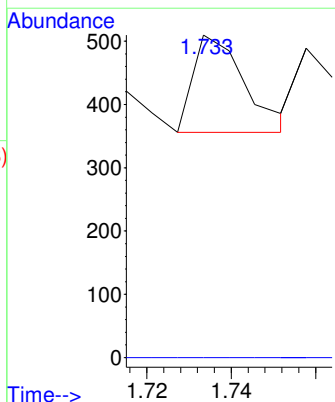
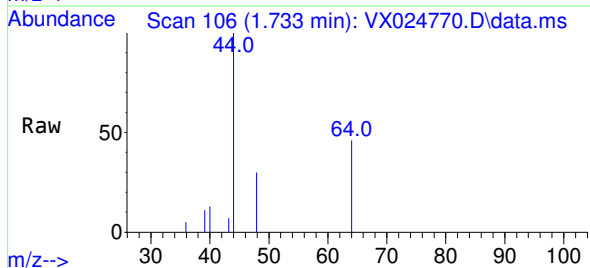




#6
Chloroethane
Concen: 0.42 ug/l
RT: 1.733 min Scan# 106
Delta R.T. 0.054 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

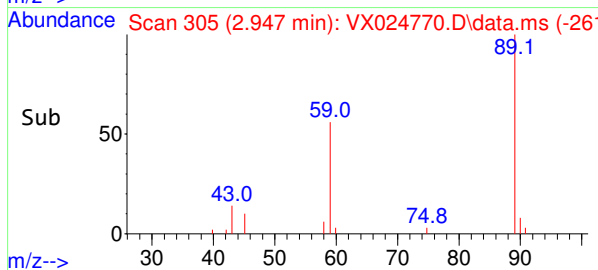
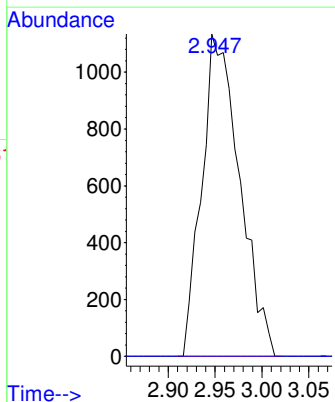
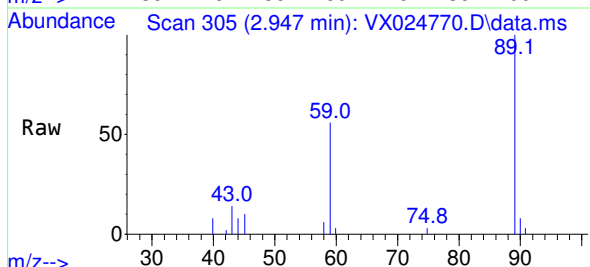
Instrument :
MSVOA_X
ClientSampled :

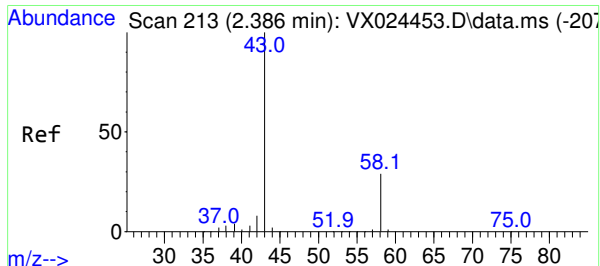
Tgt Ion: 64 Resp: 131
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

Tgt Ion: 59 Resp: 3180
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

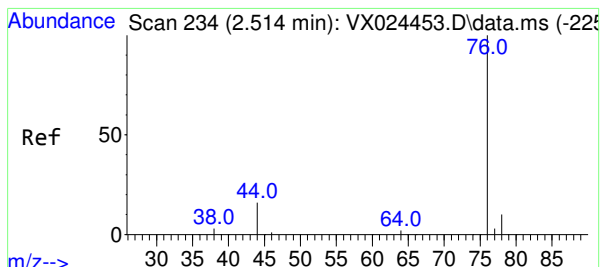
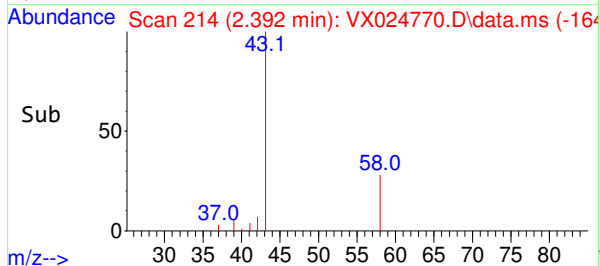
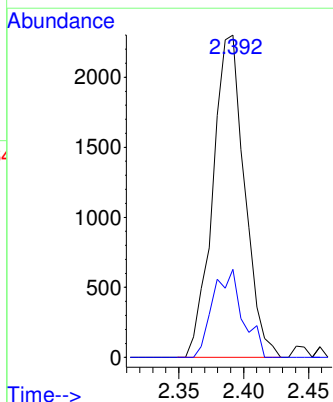
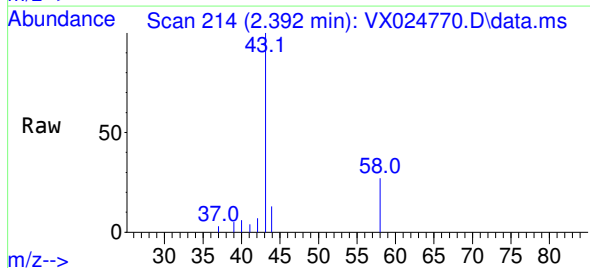




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

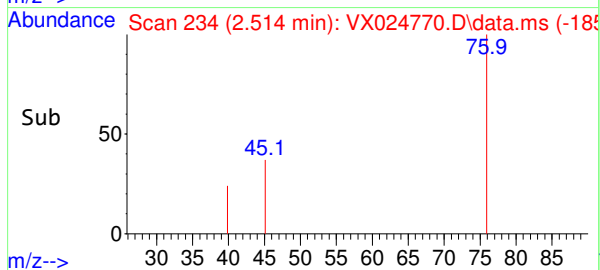
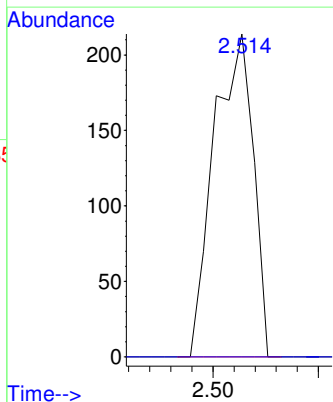
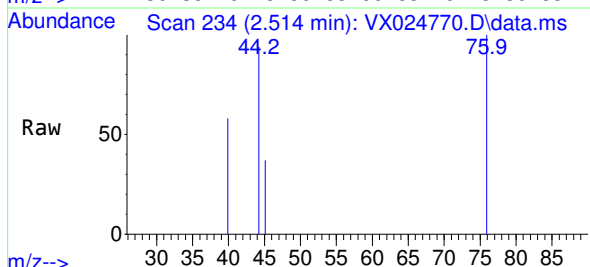
Instrument :
MSVOA_X
ClientSampled :

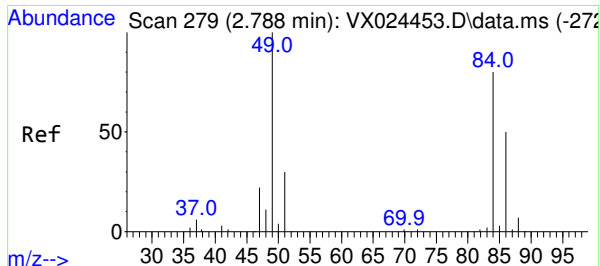
Tgt Ion: 43 Resp: 3915
Ion Ratio Lower Upper
43 100
58 27.3 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.32 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

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

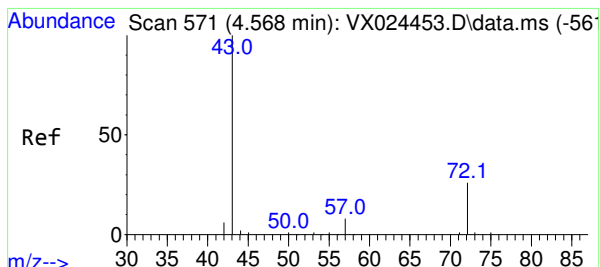
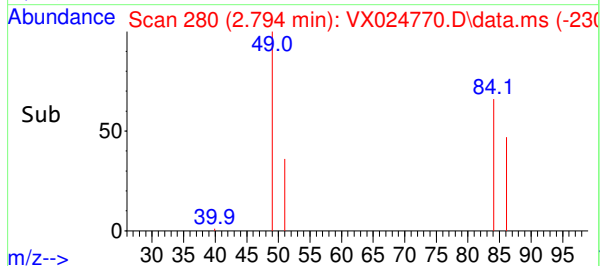
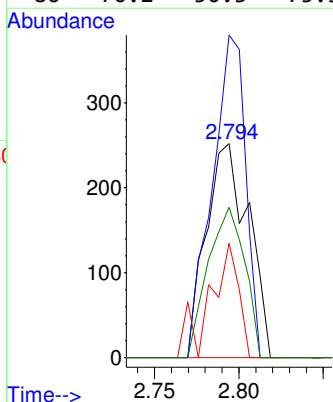
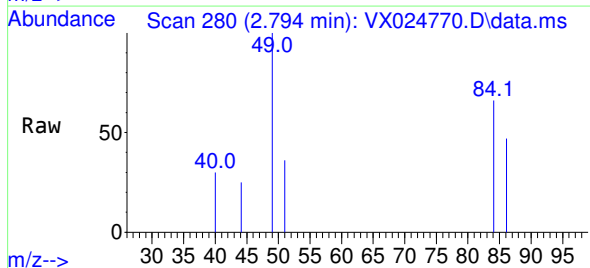




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

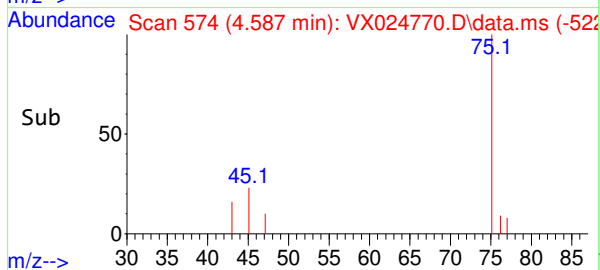
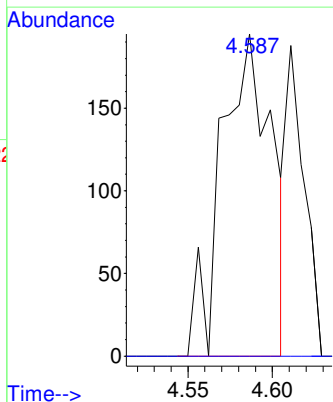
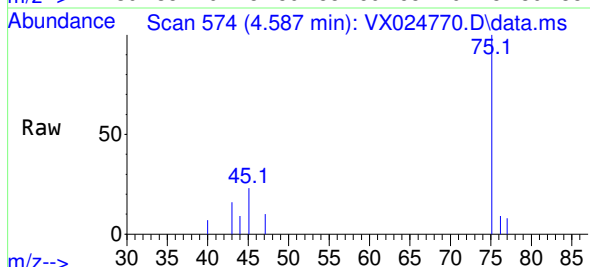
Instrument :
MSVOA_X
ClientSampled :

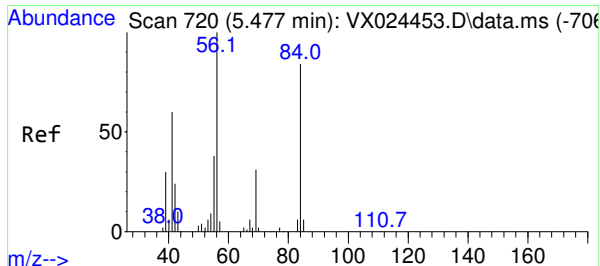
Tgt Ion:	84	Resp:	439
Ion	Ratio	Lower	Upper
84	100		
49	150.8	88.6	132.8#
51	53.6	27.0	40.6#
86	70.2	50.3	75.5



#25
2-Butanone
Concen: 0.34 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

Tgt Ion:	43	Resp:	400
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#

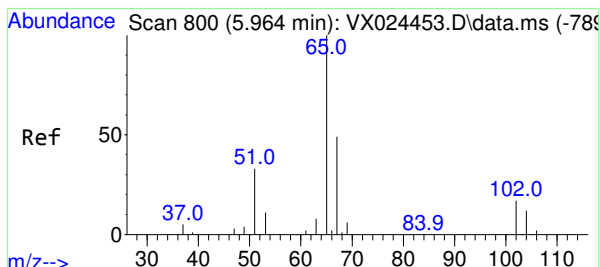
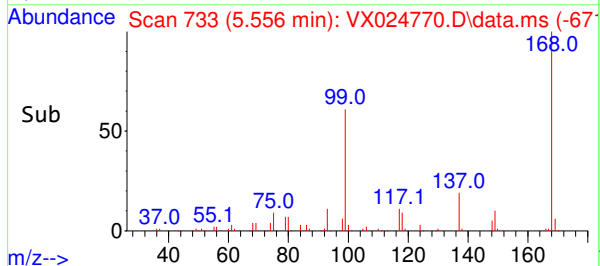
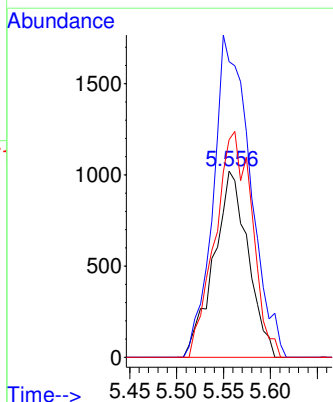
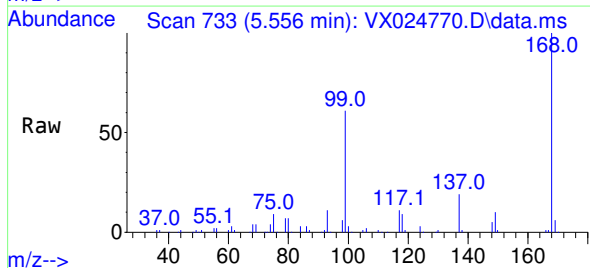




#31
Cyclohexane
Concen: 1.26 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

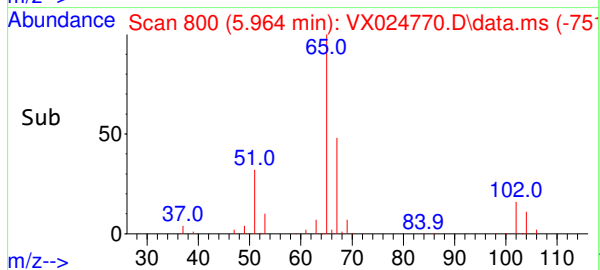
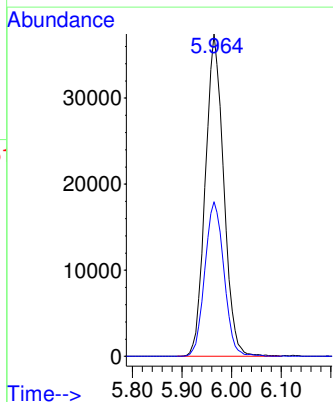
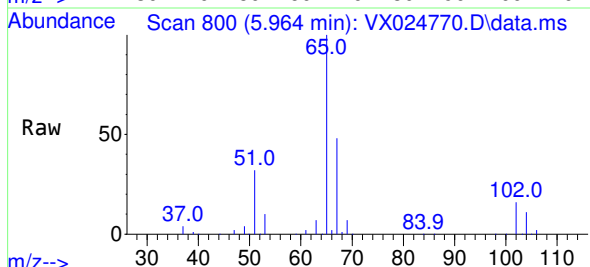
Instrument :
MSVOA_X
ClientSampled :

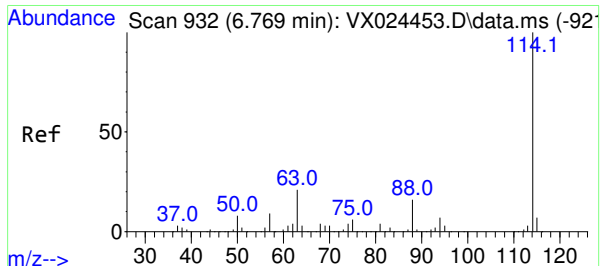
Tgt Ion: 56 Resp: 2593
Ion Ratio Lower Upper
56 100
69 158.8 25.3 37.9#
84 116.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 55.71 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

Tgt Ion: 65 Resp: 95852
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4

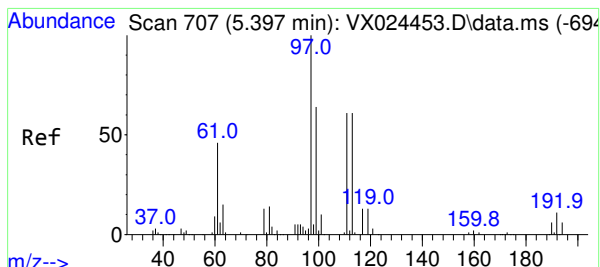
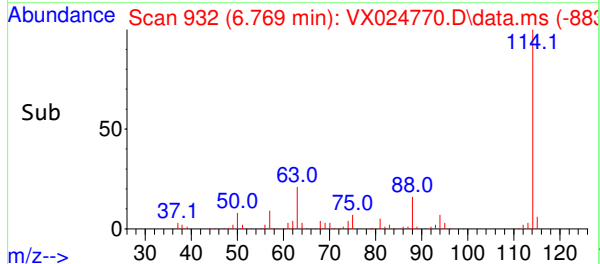
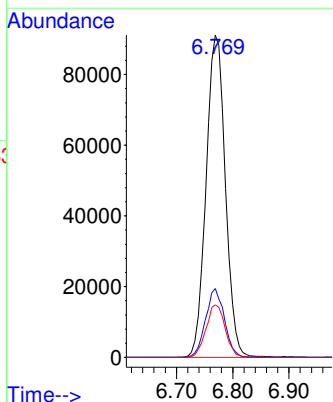
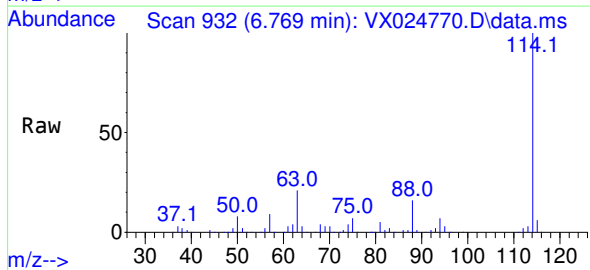




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

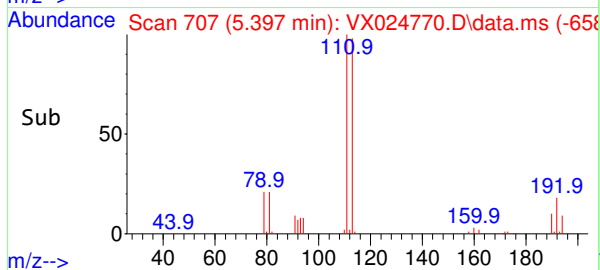
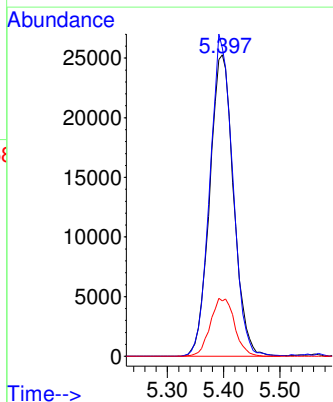
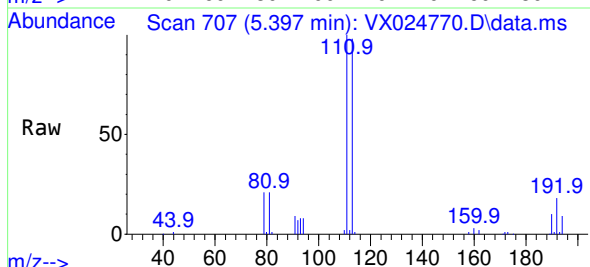
Instrument :
MSVOA_X
ClientSampled :

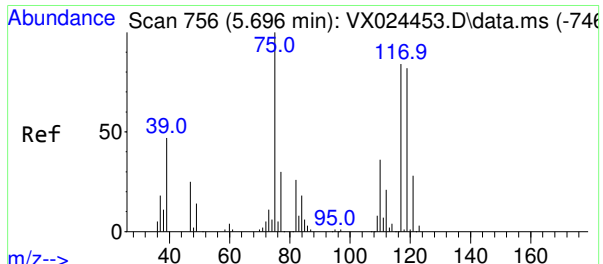
Tgt Ion:	114	Resp:	216749
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.8
88	16.3	0.0	32.8



#35
Dibromofluoromethane
Concen: 51.75 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

Tgt Ion:	113	Resp:	74520
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.9	122.9
192	19.5	16.7	25.1

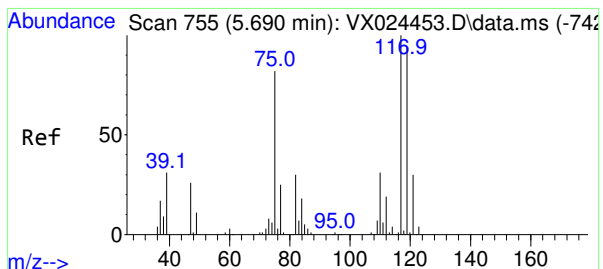
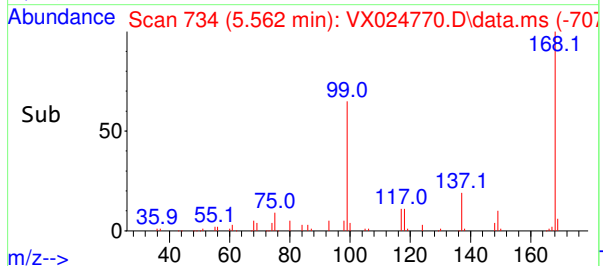
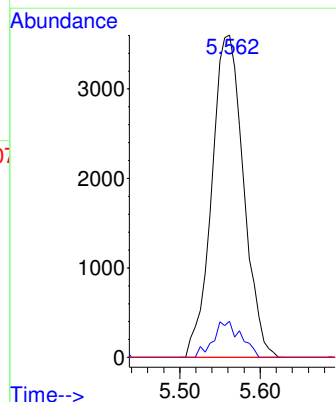
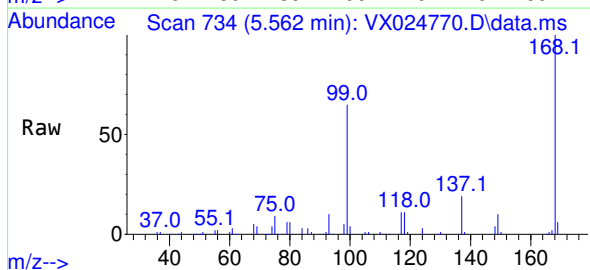




#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

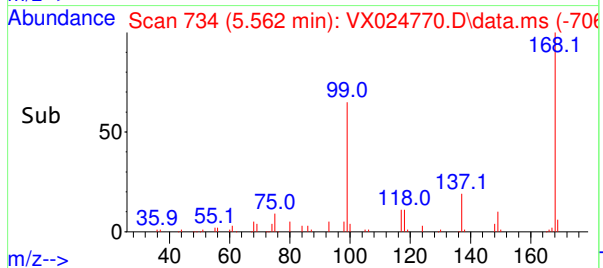
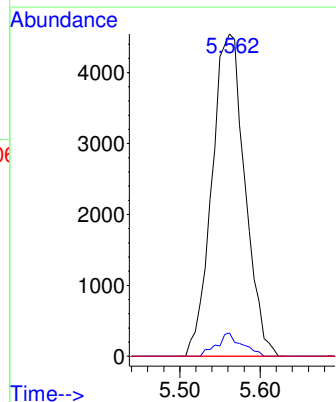
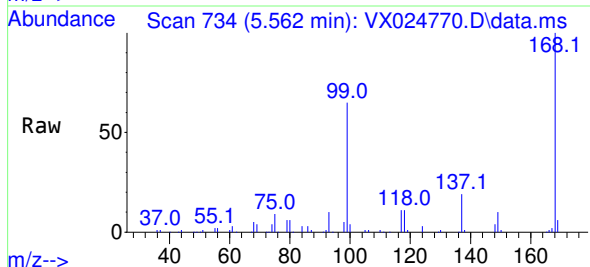
Instrument :
MSVOA_X
ClientSampled :

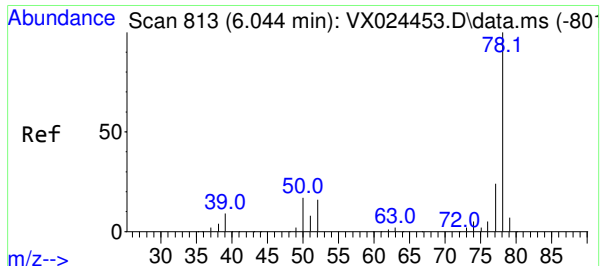
Tgt Ion:	75	Resp:	9871
Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.4#
77	0.0	25.3	37.9#



#38
Carbon Tetrachloride
Concen: 5.72 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

Tgt Ion:	117	Resp:	12930
Ion	Ratio	Lower	Upper
117	100		
119	7.3	76.2	114.2#
121	0.0	24.8	37.2#

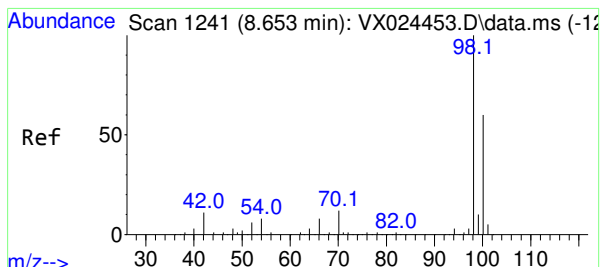
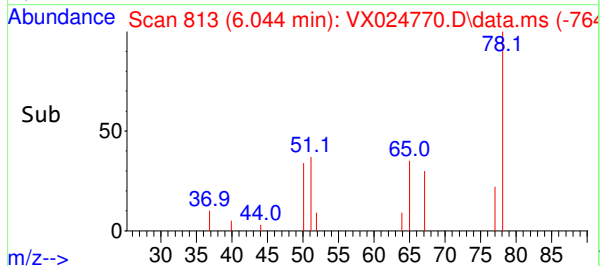
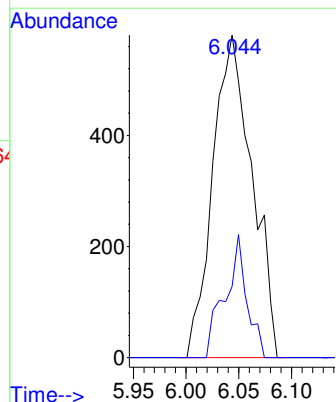
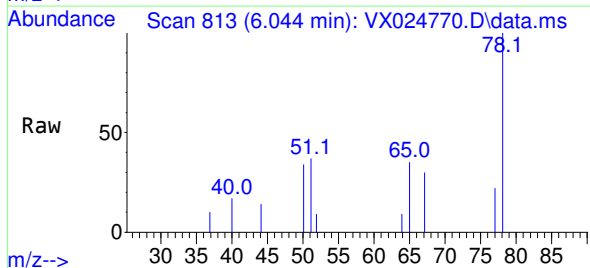




#40
Benzene
Concen: 0.25 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

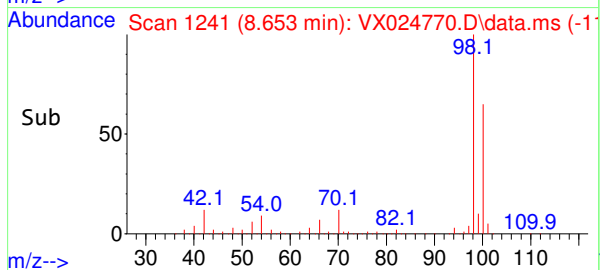
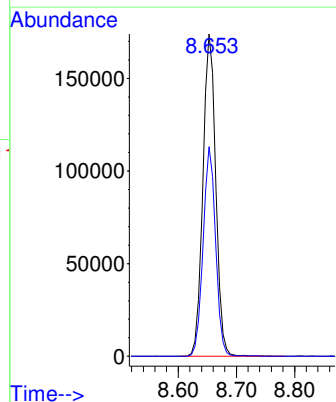
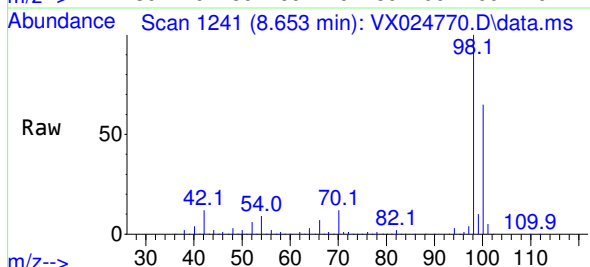
Instrument :
MSVOA_X
ClientSampled :

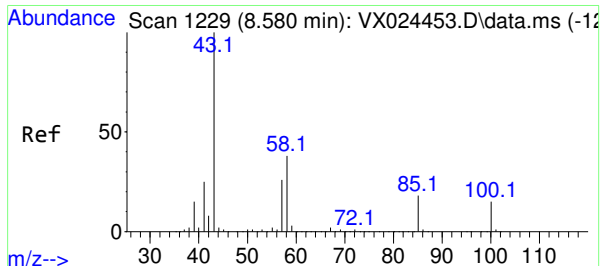
Tgt Ion: 78 Resp: 1504
Ion Ratio Lower Upper
78 100
77 22.0 18.9 28.3



#50
Toluene-d8
Concen: 50.71 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

Tgt Ion: 98 Resp: 268749
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9

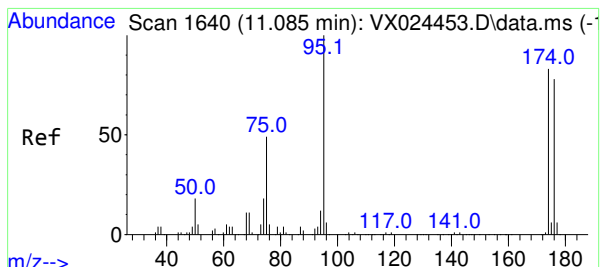
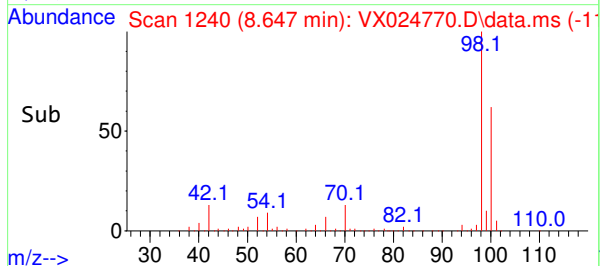
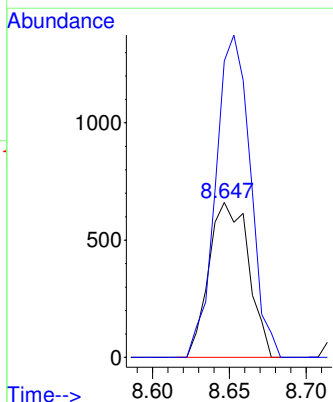
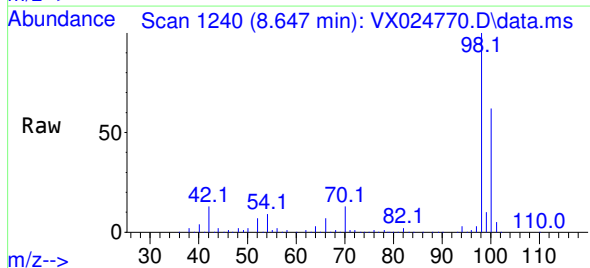




#51
4-Methyl-2-Pentanone
Concen: 0.46 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

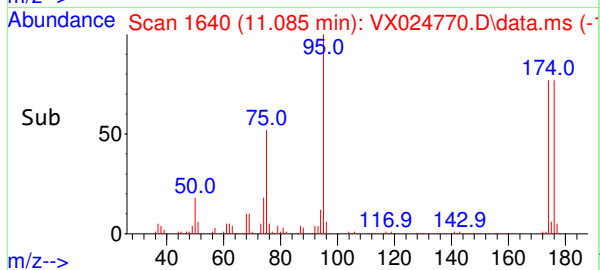
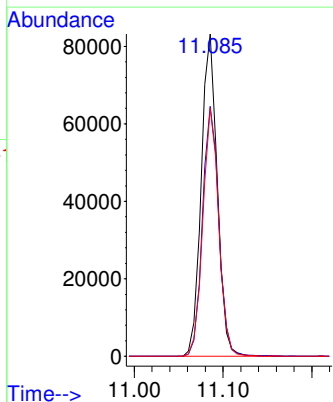
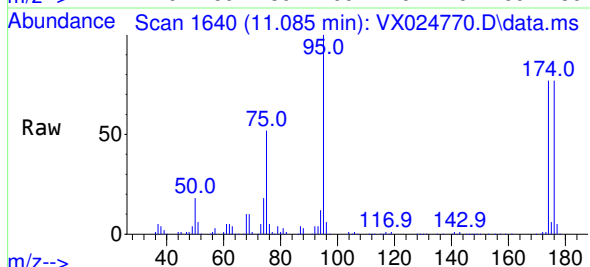
Instrument :
MSVOA_X
ClientSampled :

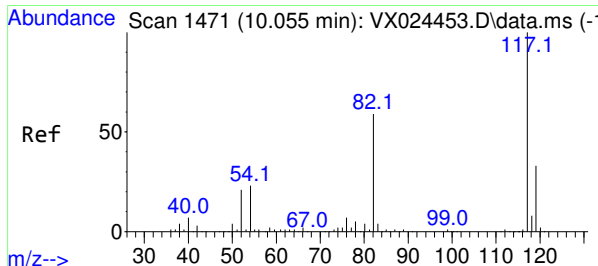
Tgt Ion: 43 Resp: 1186
Ion Ratio Lower Upper
43 100
58 181.6 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 49.85 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

Tgt Ion: 95 Resp: 103875
Ion Ratio Lower Upper
95 100
174 78.9 0.0 154.6
176 76.4 0.0 155.8

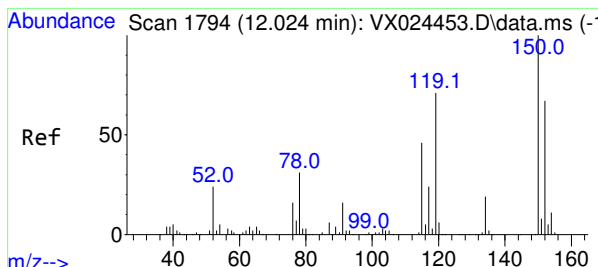
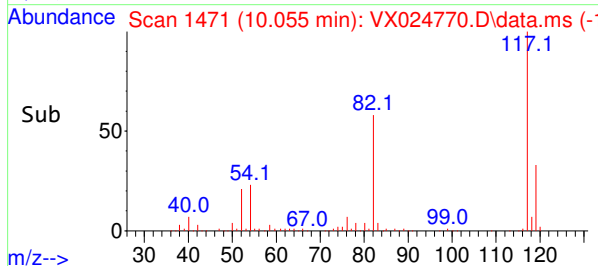
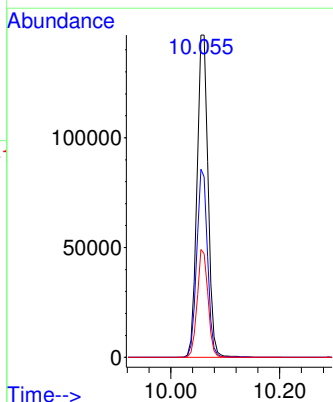
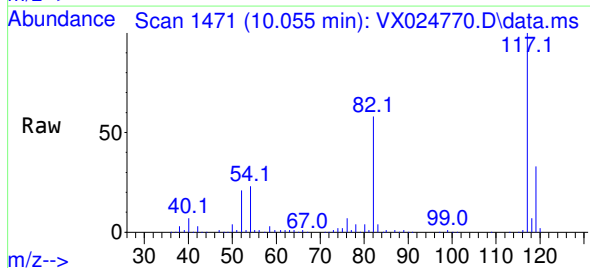




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

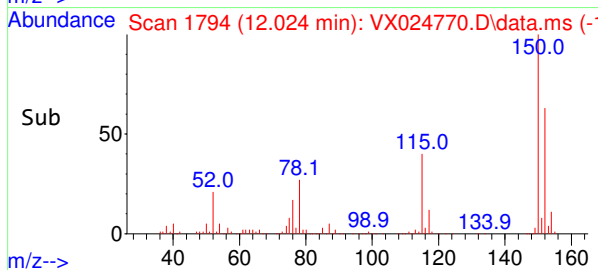
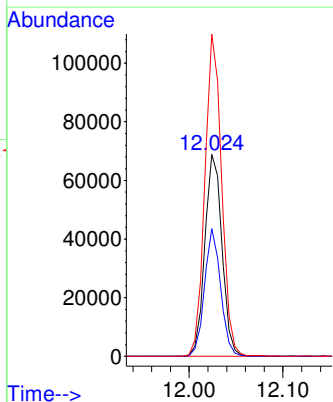
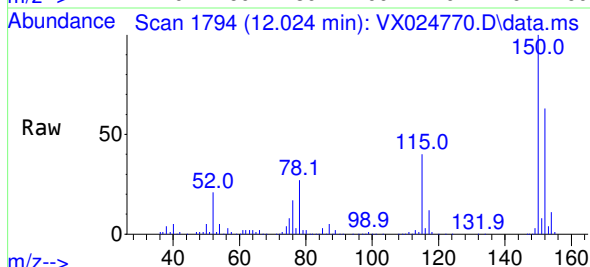
Instrument :
MSVOA_X
ClientSampled :

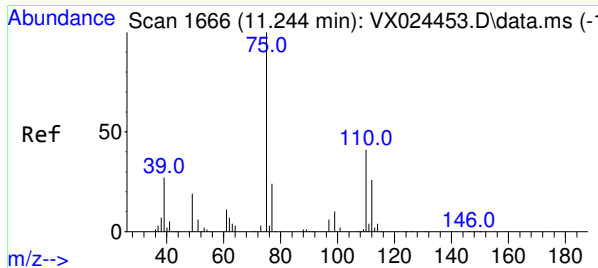
Tgt Ion:117 Resp: 207931
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 33.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

Tgt Ion:152 Resp: 88022
Ion Ratio Lower Upper
152 100
115 59.5 41.1 123.3
150 155.8 0.0 349.0

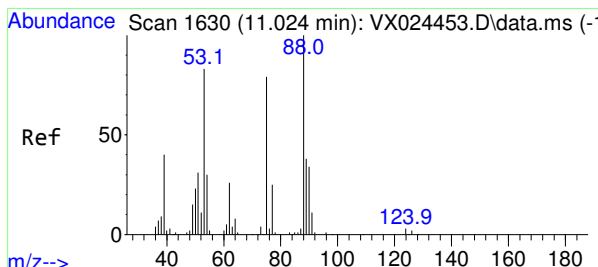
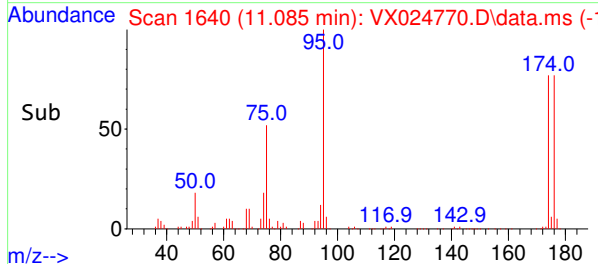
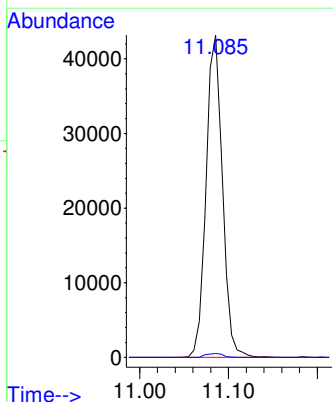
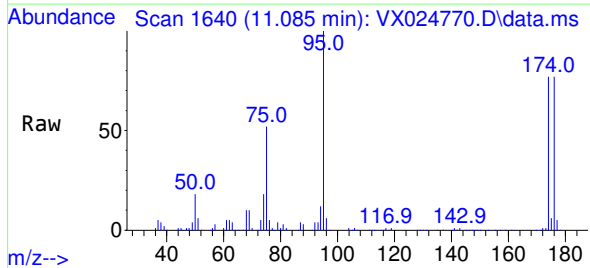




#76
1,2,3-Trichloropropane
Concen: 27.56 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 55097
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.97 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024770.D
Acq: 12 Oct 2021 17:57

Tgt Ion: 75 Resp: 55097
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

