

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100621\
 Data File : VX024630.D
 Acq On : 06 Oct 2021 20:06
 Operator : JC/MD
 Sample : M4067-03
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 07 07:49:30 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)

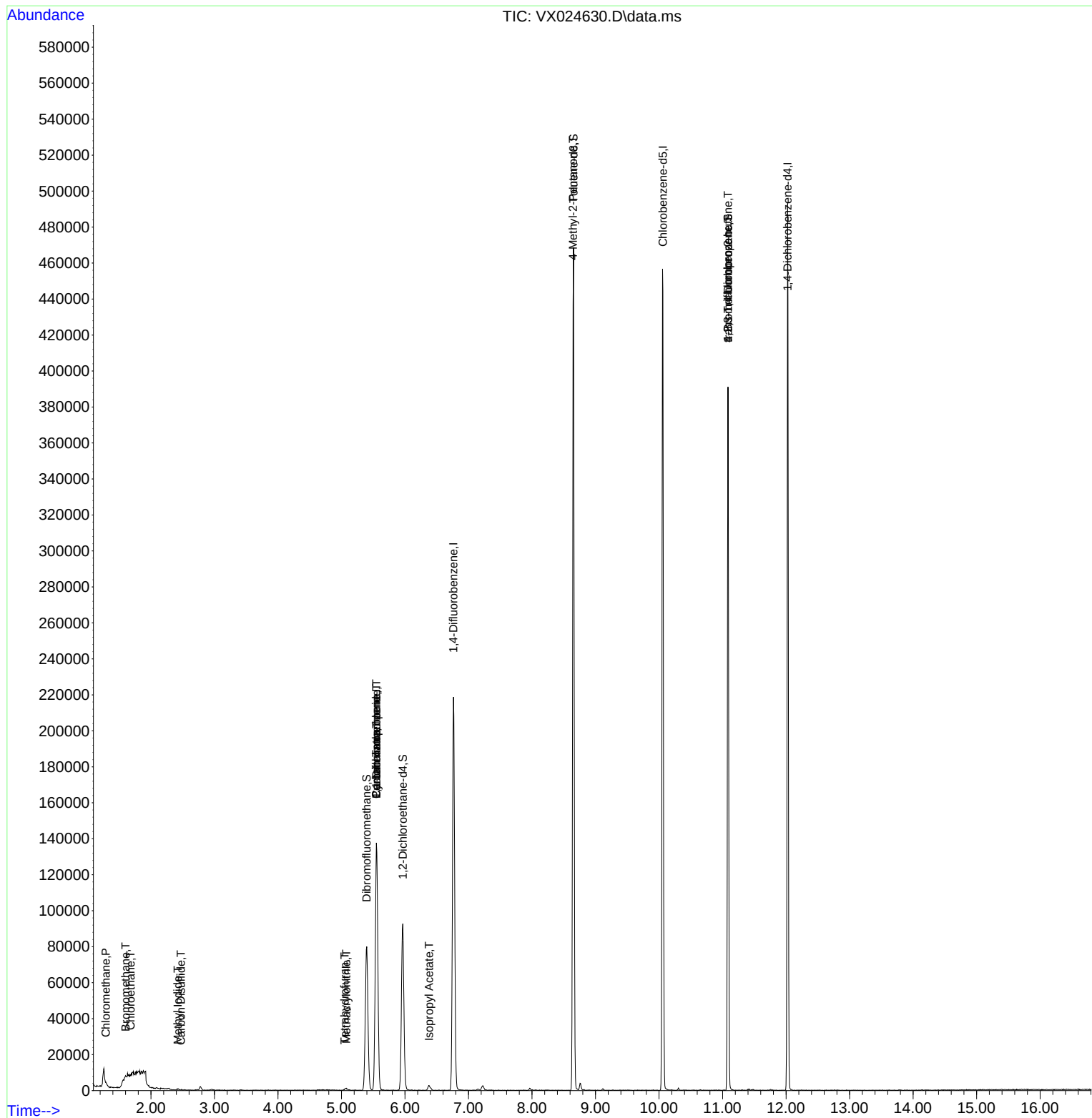
Internal Standards						
1) Pentafluorobenzene	5.550	168	127291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	212764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	95356	53.15	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.30%			
35) Dibromofluoromethane	5.397	113	68331	46.99	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.98%			
50) Toluene-d8	8.653	98	272680	50.94	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.88%			
62) 4-Bromofluorobenzene	11.085	95	103146	49.01	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.02%			
Target Compounds					Qvalue	
3) Chloromethane	1.288	50	266	0.22	ug/l #	42
5) Bromomethane	1.599	94	698	0.82	ug/l	87
6) Chloroethane	1.678	64	106	0.38	ug/l #	43
10) Methyl Iodide	2.422	142	399	0.23	ug/l #	84
11) Tert butyl alcohol	2.959	59	184	Below Cal	#	73
16) Acetone	2.428	43	422	Below Cal	#	40
17) Carbon Disulfide	2.471	76	123	0.27	ug/l #	75
20) Methylene Chloride	2.782	84	941	Below Cal	#	88
29) Tetrahydrofuran	5.050	42	1123	1.43	ug/l #	31
31) Cyclohexane	5.550	56	2953	1.37	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	9889	4.71	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13410	5.87	ug/l #	16
41) Methacrylonitrile	5.074	41	649	0.48	ug/l #	28
43) Isopropyl Acetate	6.379	43	1525	0.38	ug/l #	57
51) 4-Methyl-2-Pentanone	8.647	43	1275	0.48	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	55010	24.10	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55010	65.80	ug/l #	12

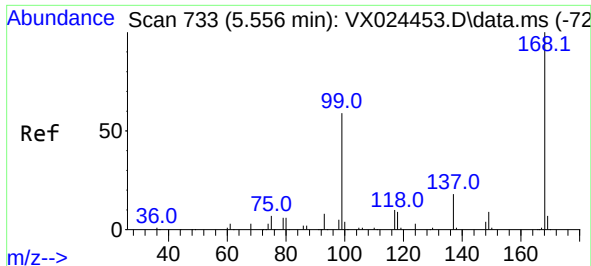
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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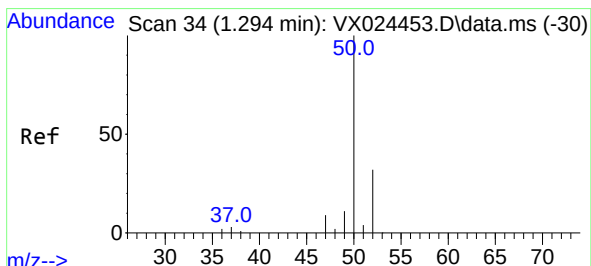
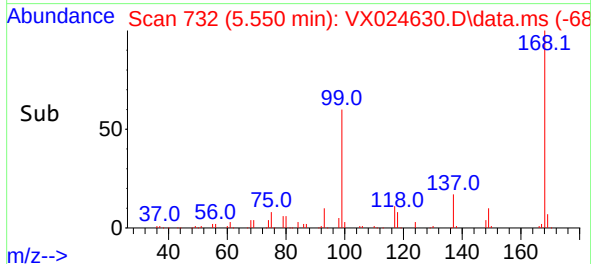
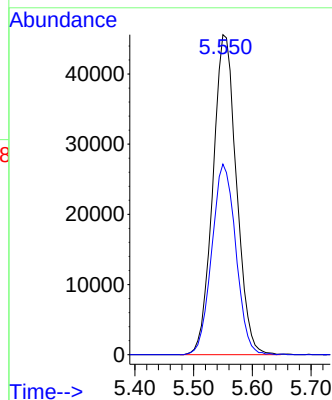
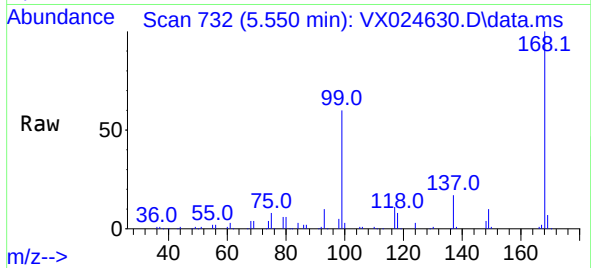




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.006 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

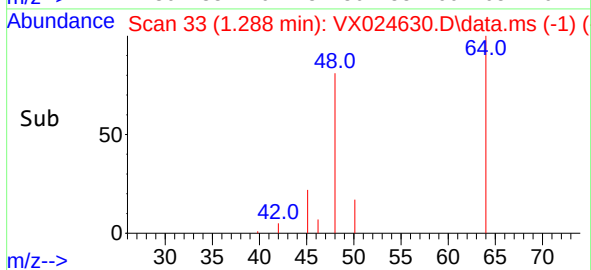
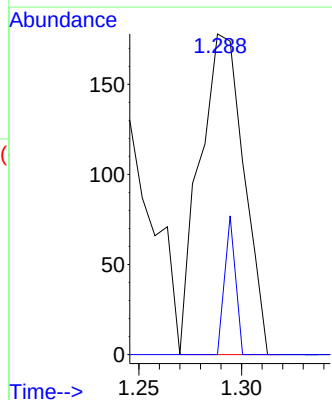
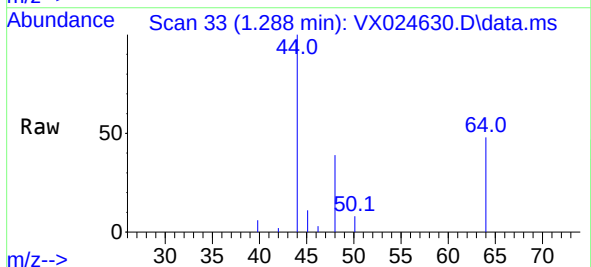
Instrument :
MSVOA_X
ClientSampleId :

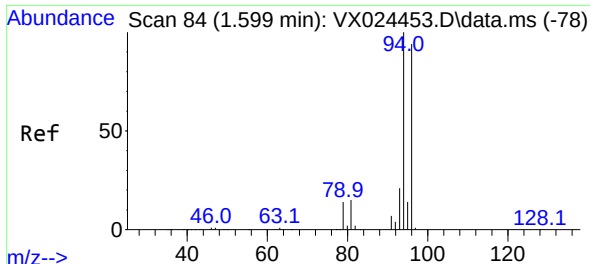
Tgt Ion:168 Resp: 127291
Ion Ratio Lower Upper
168 100
99 59.6 45.8 68.6



#3
Chloromethane
Concen: 0.22 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

Tgt Ion: 50 Resp: 266
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

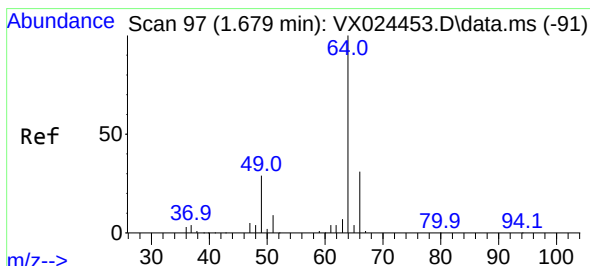
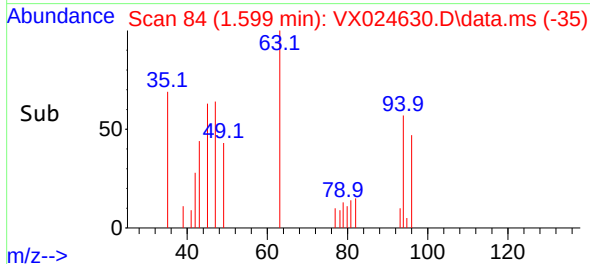
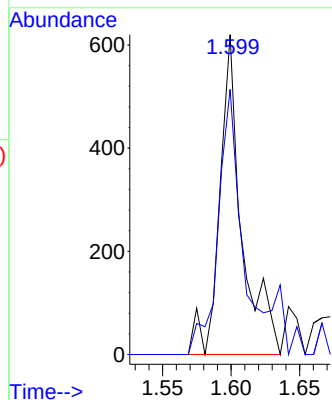
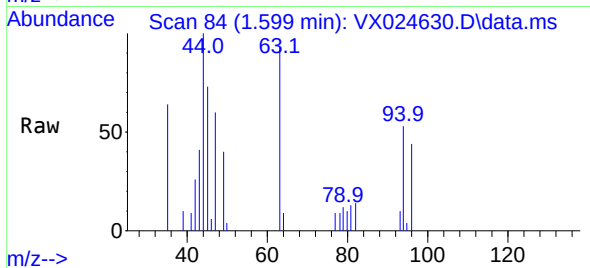




#5
Bromomethane
Concen: 0.82 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

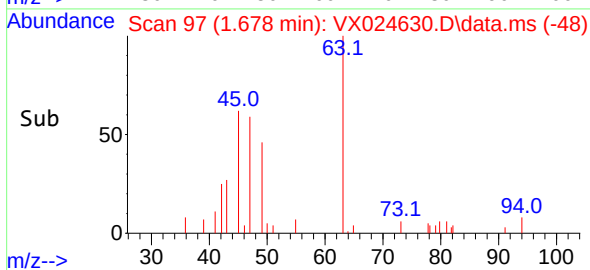
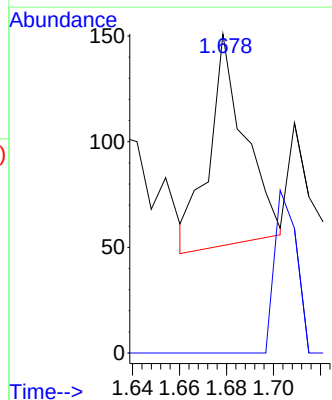
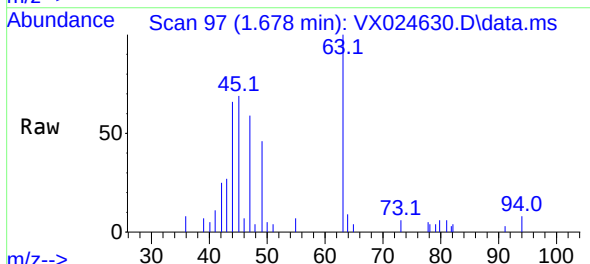
Instrument :
MSVOA_X
ClientSampled :

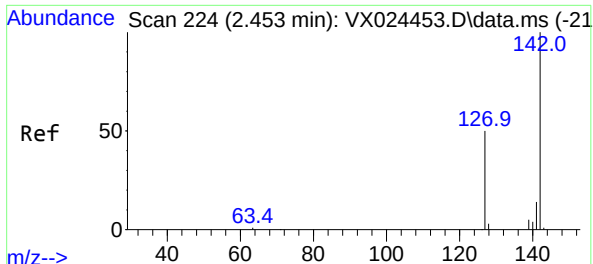
Tgt Ion: 94 Resp: 698
Ion Ratio Lower Upper
94 100
96 82.9 76.4 114.6



#6
Chloroethane
Concen: 0.38 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

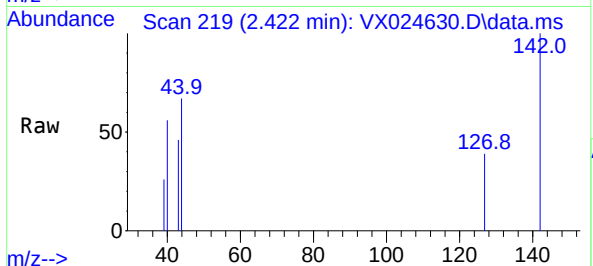
Tgt Ion: 64 Resp: 106
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



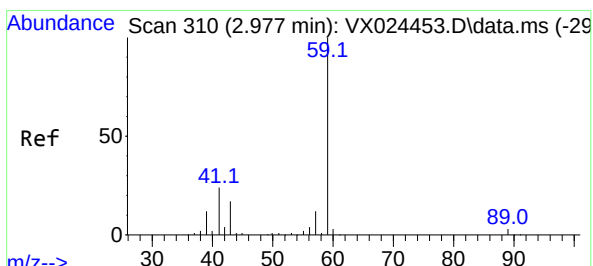
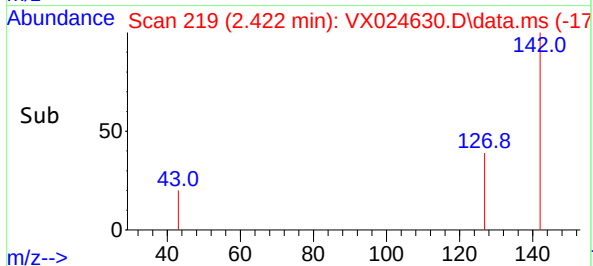
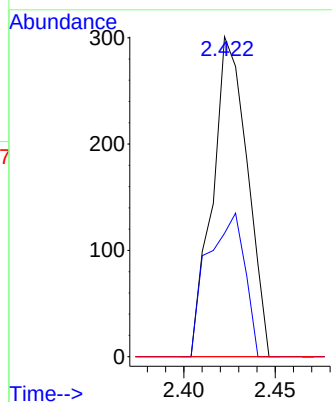


#10
Methyl Iodide
Concen: 0.23 ug/l
RT: 2.422 min Scan# 219
Delta R.T. -0.031 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

Instrument :
MSVOA_X
ClientSampled :

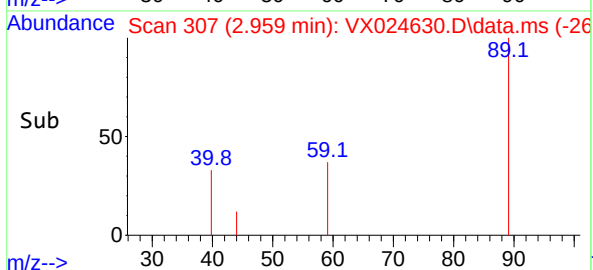
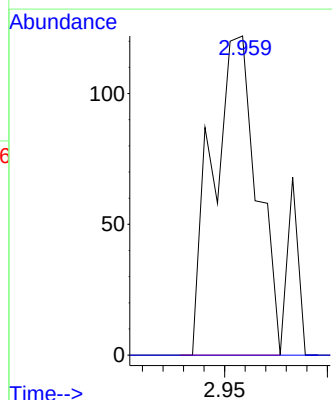
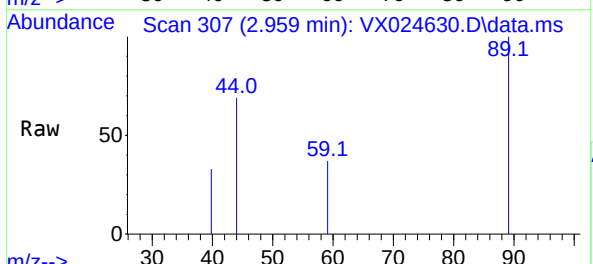


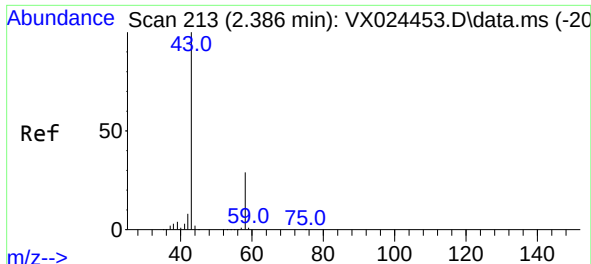
Tgt Ion:142 Resp: 399
Ion Ratio Lower Upper
142 100
127 47.9 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

Tgt Ion: 59 Resp: 184
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

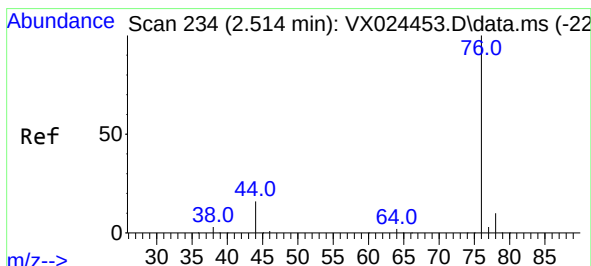
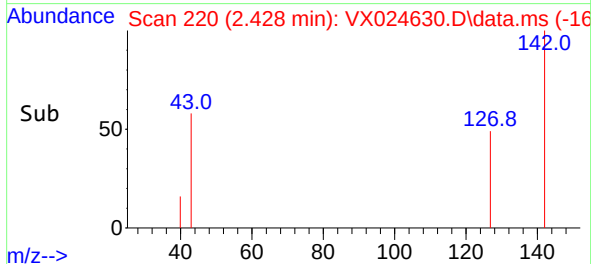
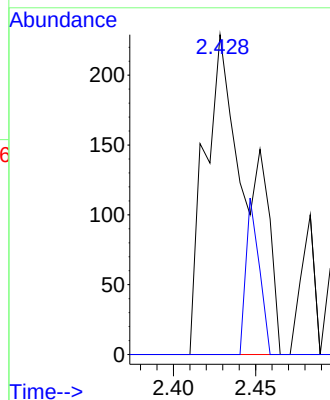
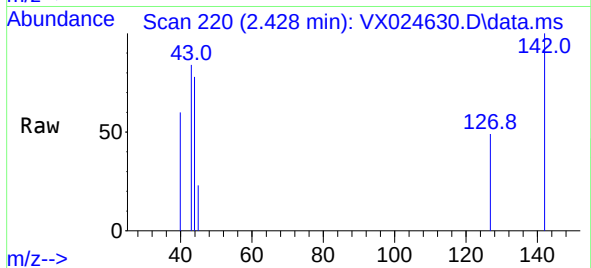




#16
Acetone
Concen: Below Cal
RT: 2.428 min Scan# 220
Delta R.T. 0.042 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

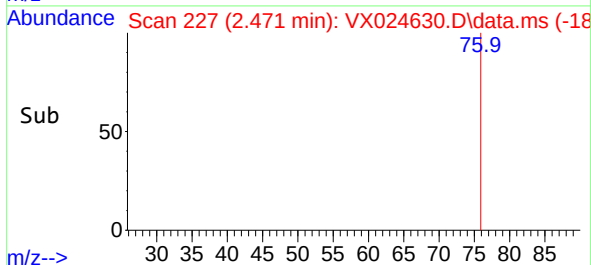
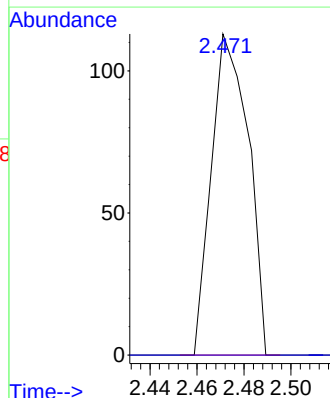
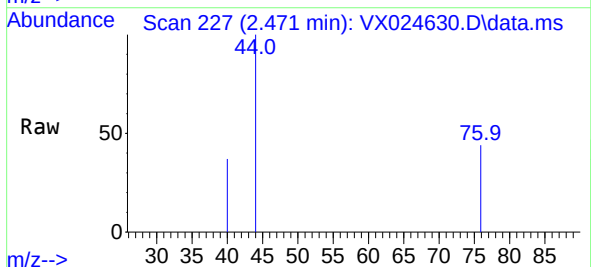
Instrument :
MSVOA_X
ClientSampled :

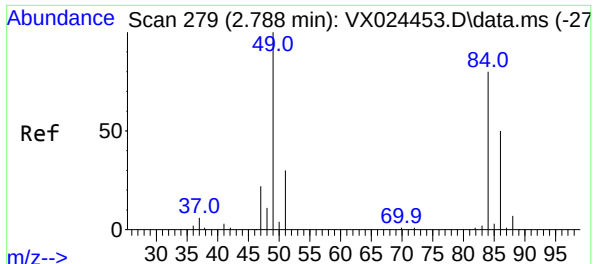
Tgt Ion: 43 Resp: 422
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.043 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

Tgt Ion: 76 Resp: 123
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

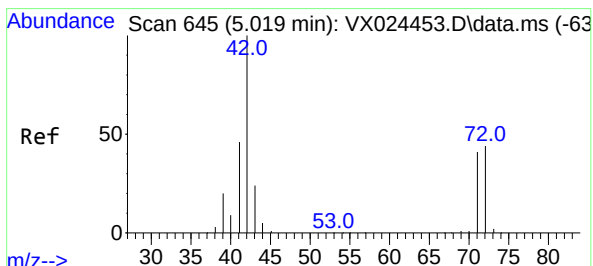
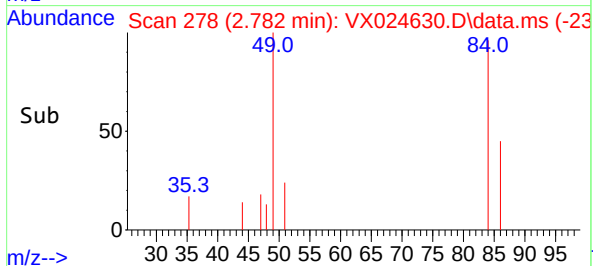
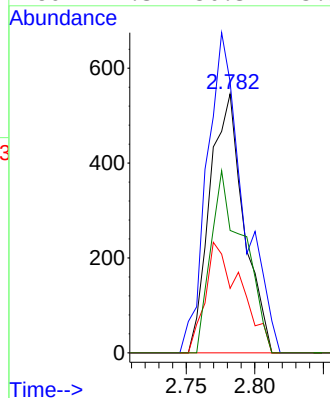
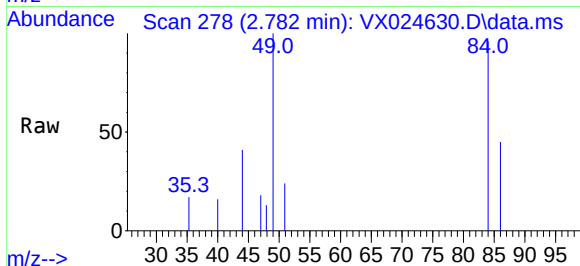
Lab File: VX024630.D

Acq: 06 Oct 2021 20:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 941

Ion	Ratio	Lower	Upper
84	100		
49	104.6	88.6	132.8
51	24.9	27.0	40.6#
86	47.3	50.3	75.5#



#29

Tetrahydrofuran

Concen: 1.43 ug/l

RT: 5.050 min Scan# 650

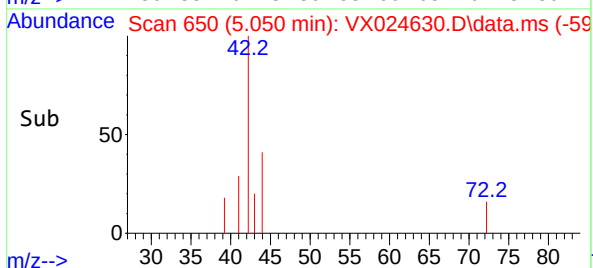
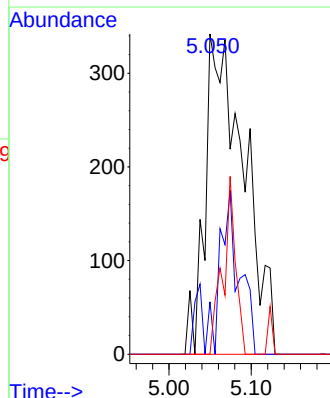
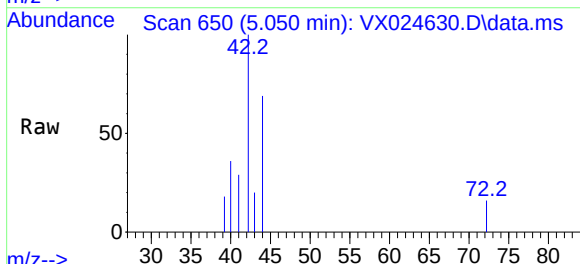
Delta R.T. 0.031 min

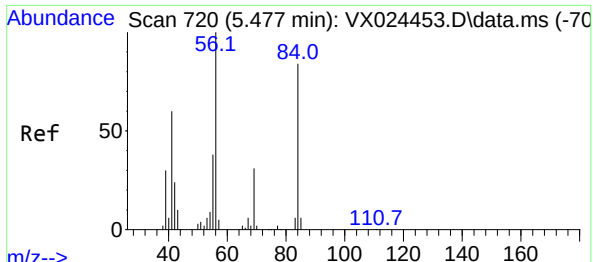
Lab File: VX024630.D

Acq: 06 Oct 2021 20:06

Tgt Ion: 42 Resp: 1123

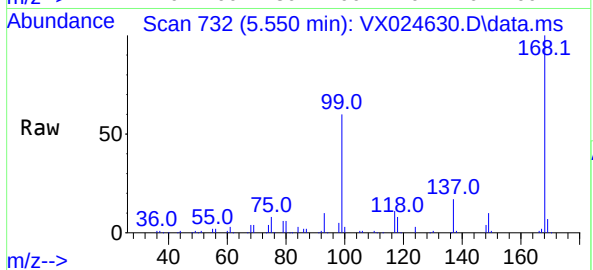
Ion	Ratio	Lower	Upper
42	100		
72	4.3	41.7	62.5#
71	0.0	38.4	57.6#



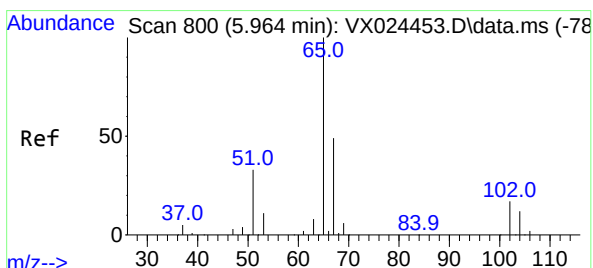
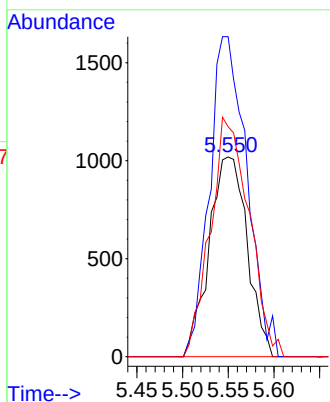
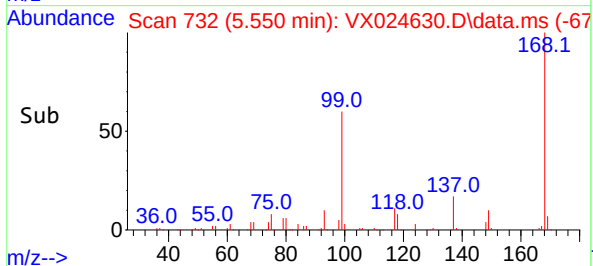


#31
Cyclohexane
Concen: 1.37 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

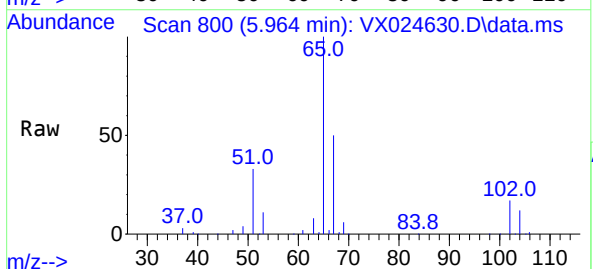
Instrument :
MSVOA_X
ClientSampleId :



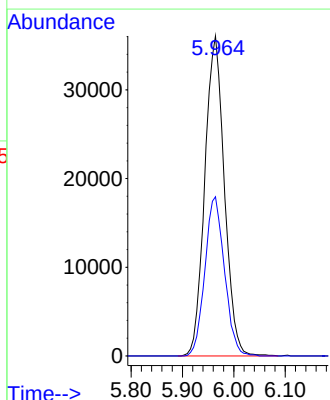
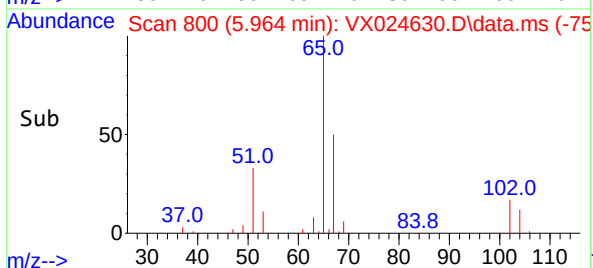
Tgt Ion: 56 Resp: 2953
Ion Ratio Lower Upper
56 100
69 160.3 25.3 37.9#
84 115.1 71.4 107.0#

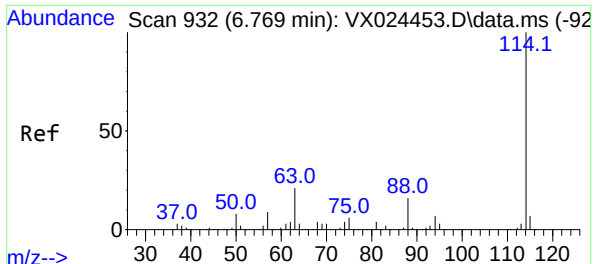


#33
1,2-Dichloroethane-d4
Concen: 53.15 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06



Tgt Ion: 65 Resp: 95356
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.4

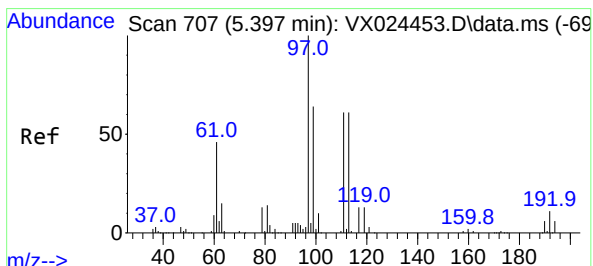
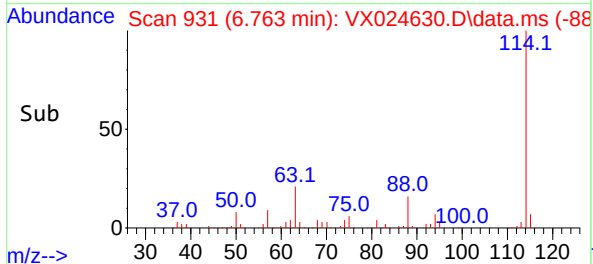
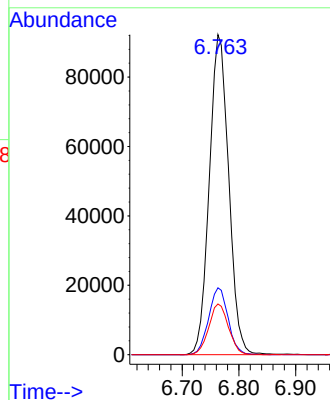
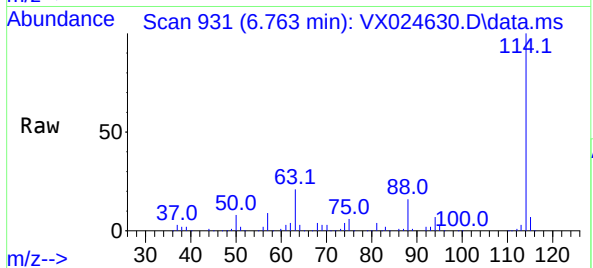




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

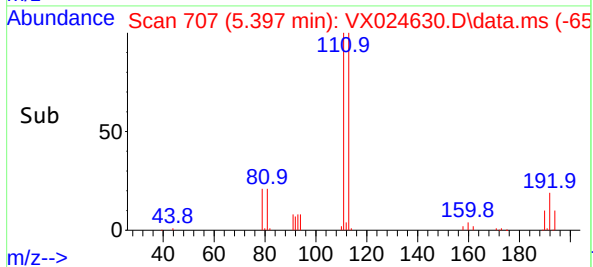
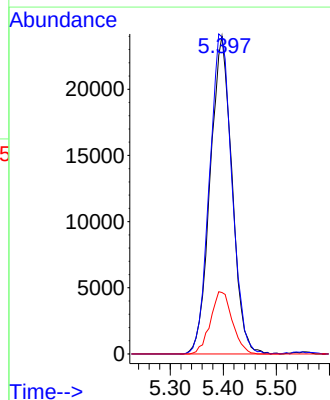
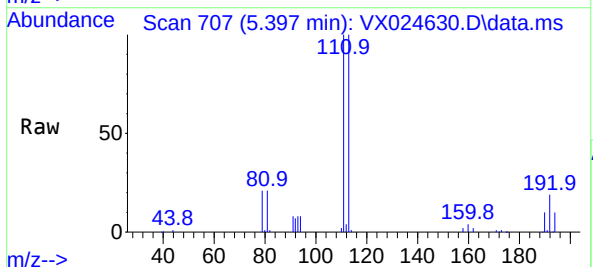
Instrument :
MSVOA_X
ClientSampleId :

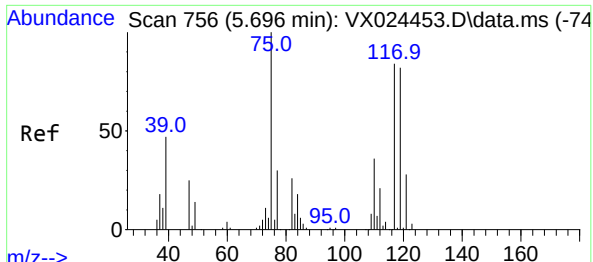
Tgt Ion:114 Resp: 218914
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.99 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

Tgt Ion:113 Resp: 68331
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 19.7 16.7 25.1

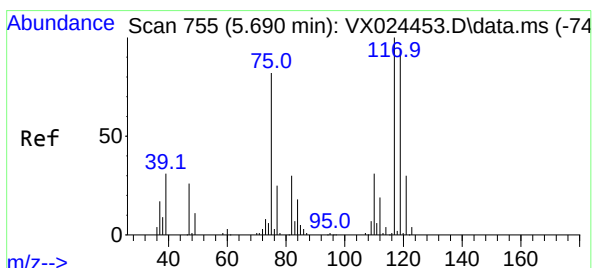
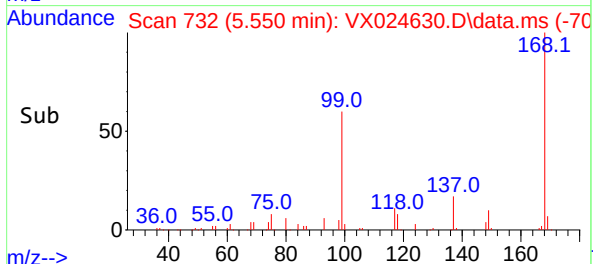
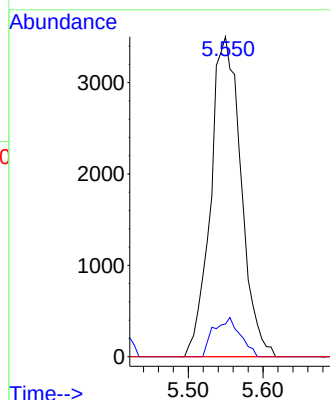
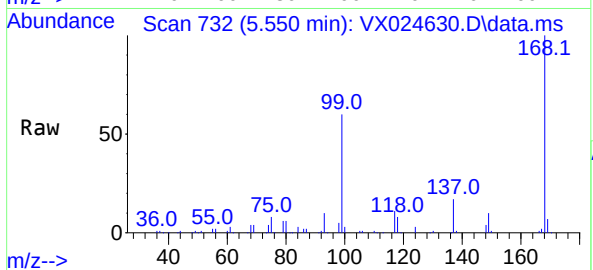




#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

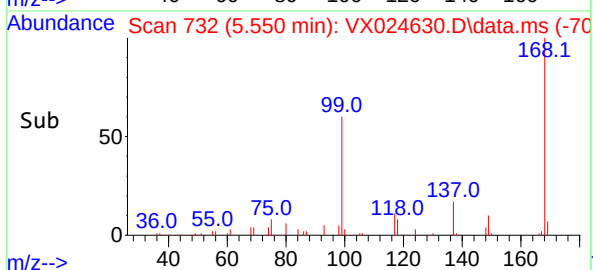
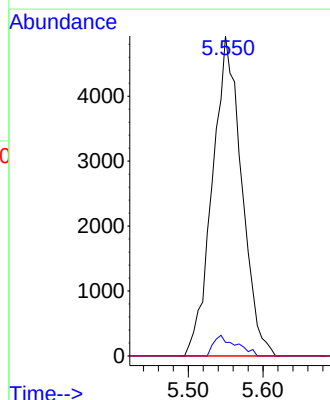
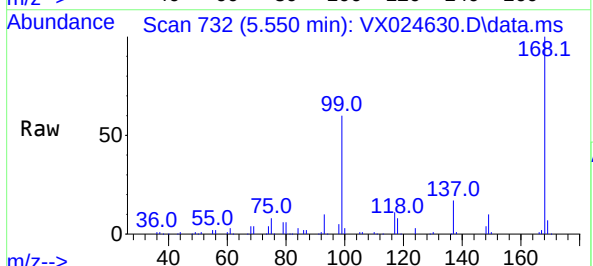
Instrument :
MSVOA_X
ClientSampled :

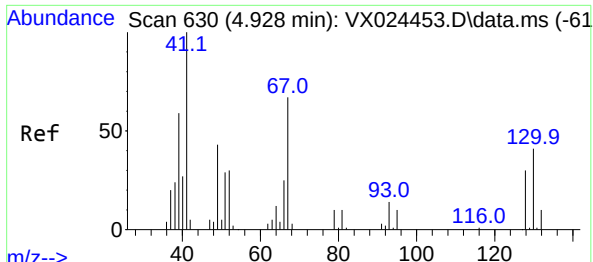
Tgt Ion: 75 Resp: 9889
Ion Ratio Lower Upper
75 100
110 10.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.87 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

Tgt Ion: 117 Resp: 13410
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#



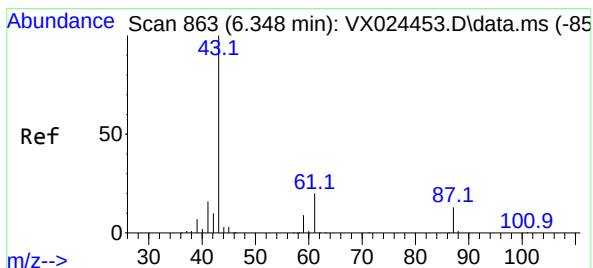
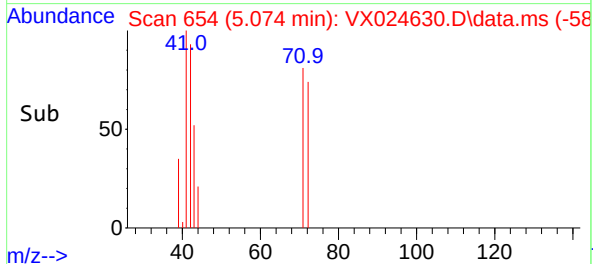
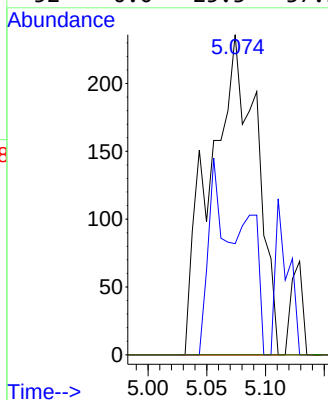
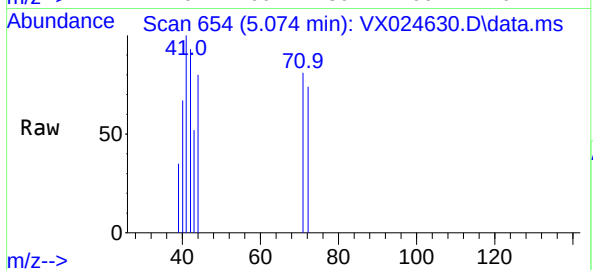


#41
Methacrylonitrile
Concen: 0.48 ug/l
RT: 5.074 min Scan# 654
Delta R.T. 0.146 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 649

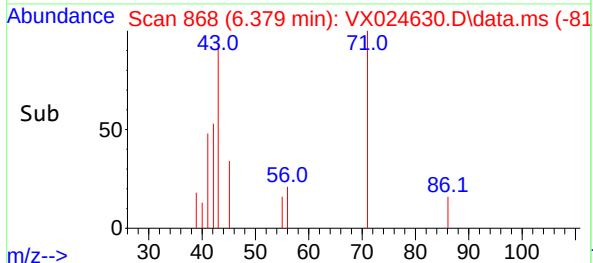
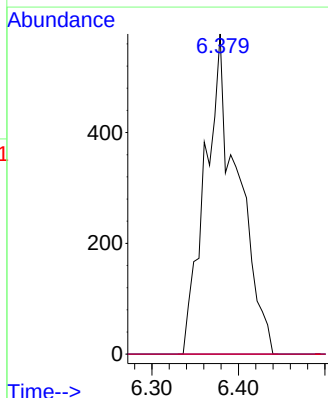
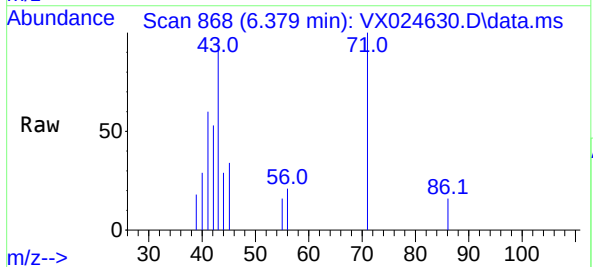
Ion	Ratio	Lower	Upper
41	100		
39	16.9	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#

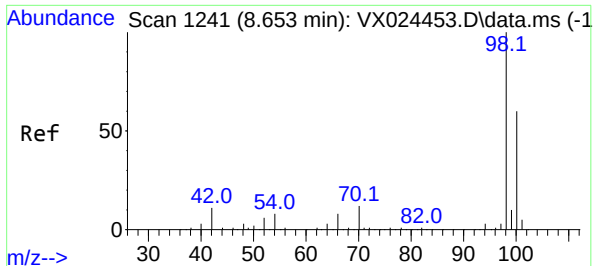


#43
Isopropyl Acetate
Concen: 0.38 ug/l
RT: 6.379 min Scan# 868
Delta R.T. 0.031 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

Tgt Ion: 43 Resp: 1525

Ion	Ratio	Lower	Upper
43	100		
61	0.0	18.2	27.4#
87	0.0	12.5	18.7#

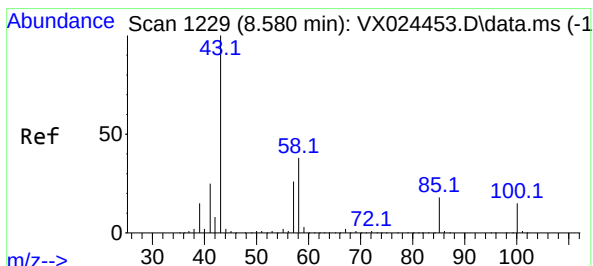
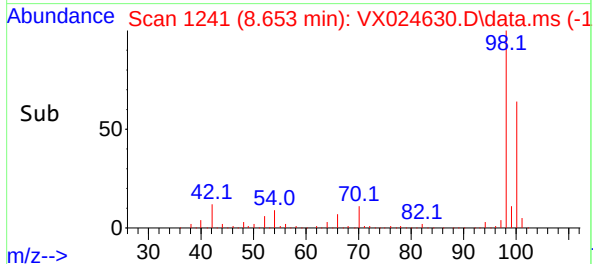
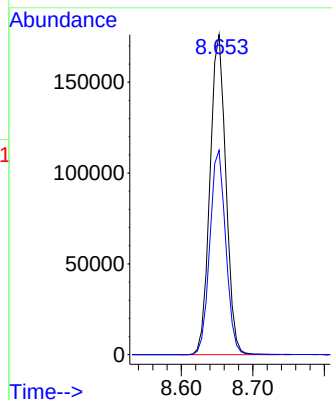
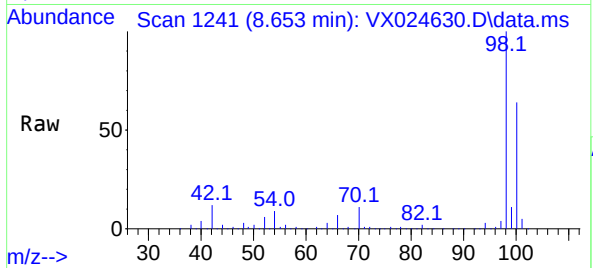




#50
Toluene-d8
Concen: 50.94 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

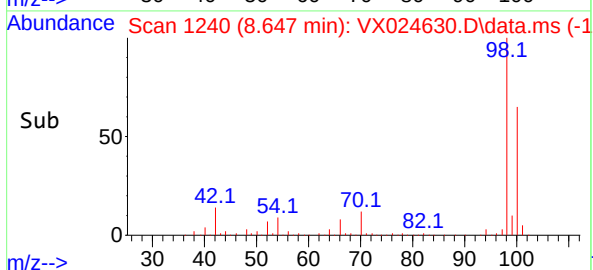
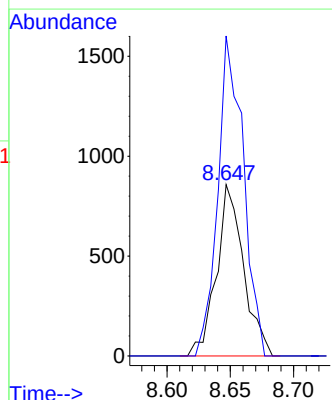
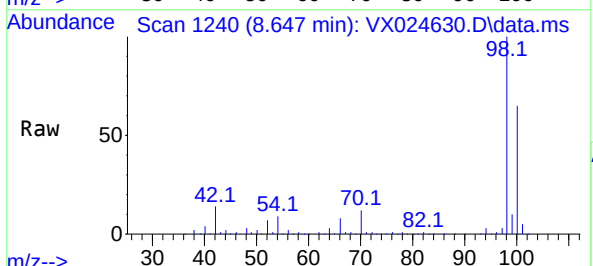
Instrument :
MSVOA_X
ClientSampled :

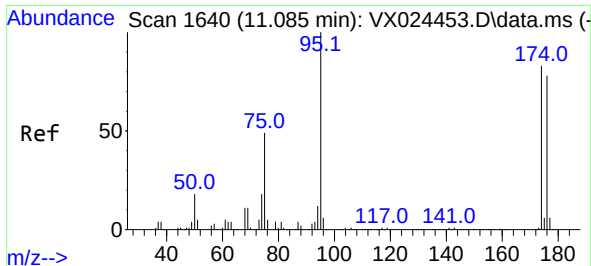
Tgt Ion: 98 Resp: 272680
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

Tgt Ion: 43 Resp: 1275
Ion Ratio Lower Upper
43 100
58 176.8 35.4 53.0#

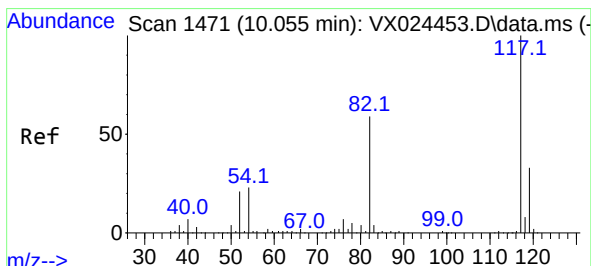
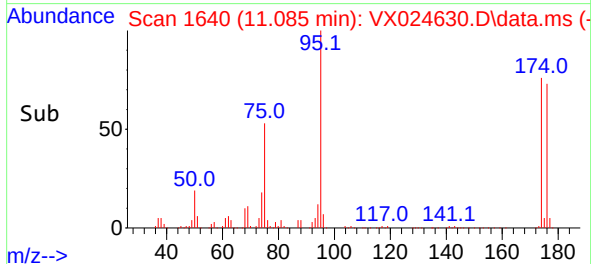
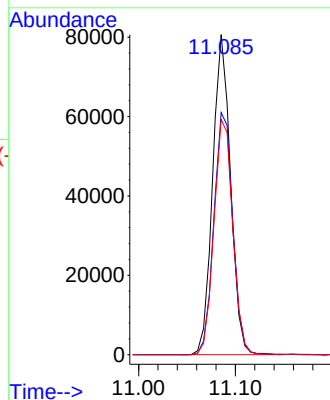
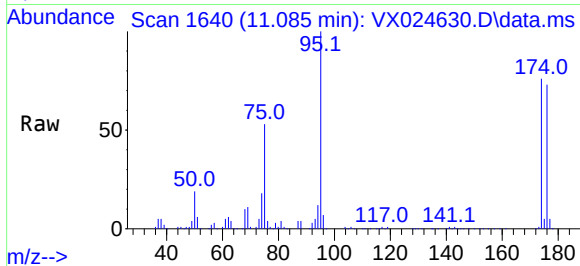




#62
4-Bromofluorobenzene
Concen: 49.01 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

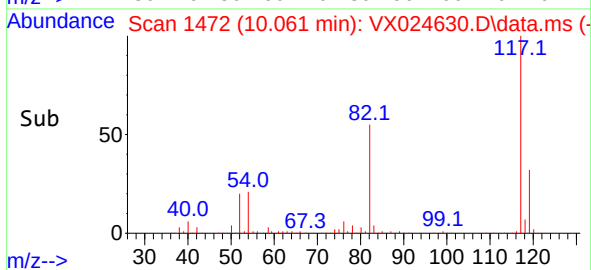
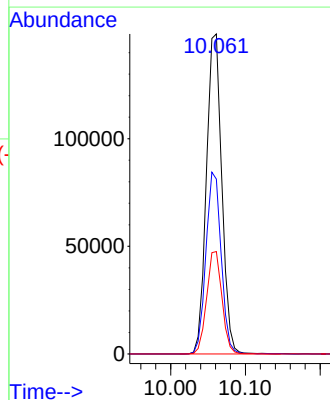
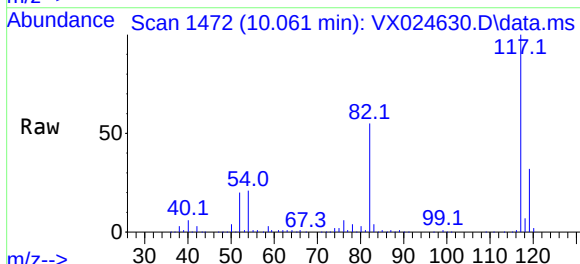
Instrument :
MSVOA_X
ClientSampleId :

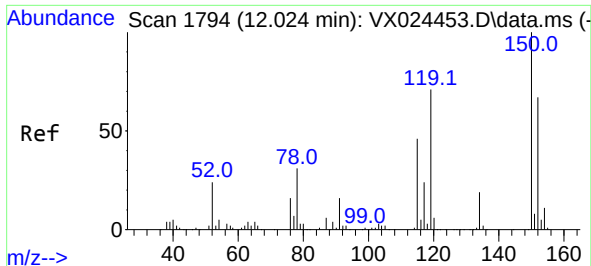
Tgt Ion: 95 Resp: 103146
Ion Ratio Lower Upper
95 100
174 80.2 0.0 154.6
176 77.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

Tgt Ion: 117 Resp: 212764
Ion Ratio Lower Upper
117 100
82 54.7 47.4 71.2
119 32.0 26.6 39.8

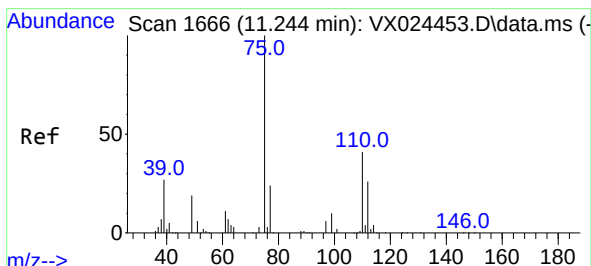
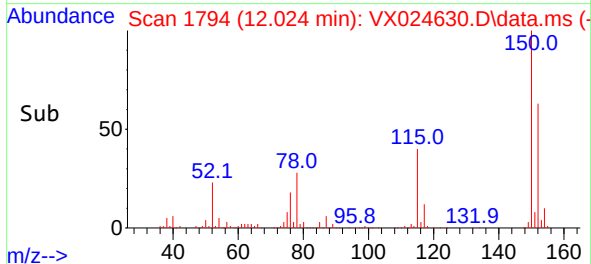
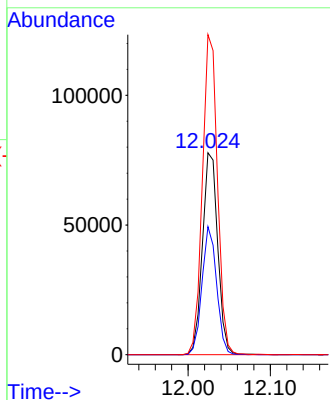
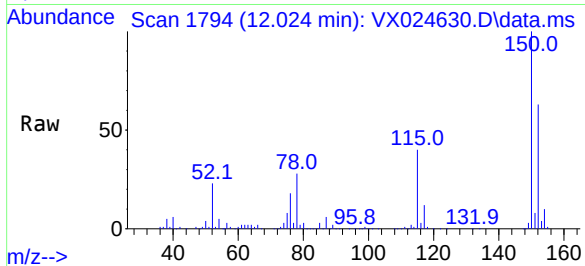




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

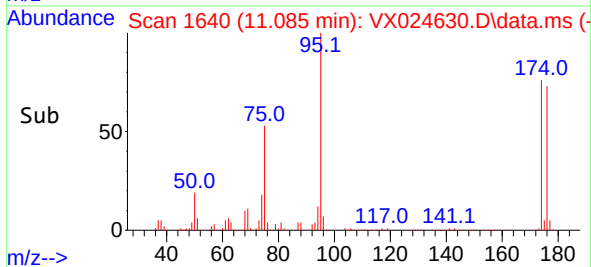
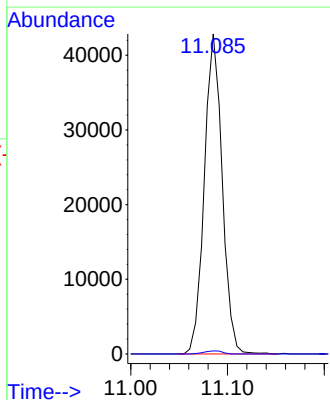
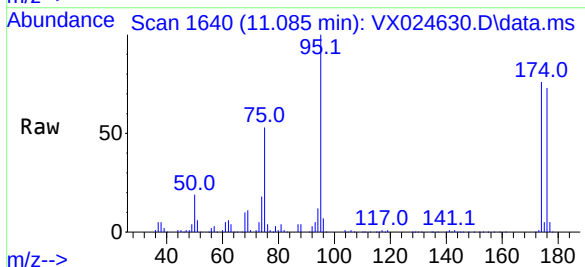
Instrument :
MSVOA_X
ClientSampled :

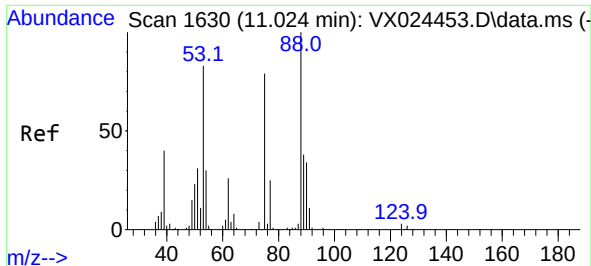
Tgt Ion:152 Resp: 100499
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 156.3 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.10 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

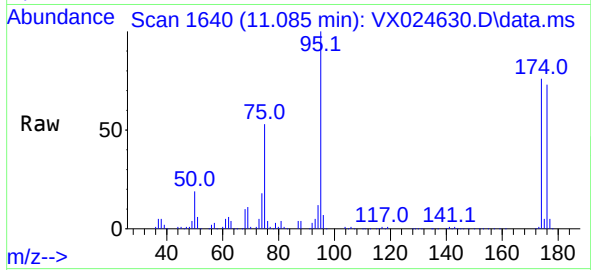
Tgt Ion: 75 Resp: 55010
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.80 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024630.D
Acq: 06 Oct 2021 20:06

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 75 Resp: 55010
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

