

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024694.D
 Acq On : 09 Oct 2021 01:46
 Operator : JC/MD
 Sample : M4096-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 11 06:38:18 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)

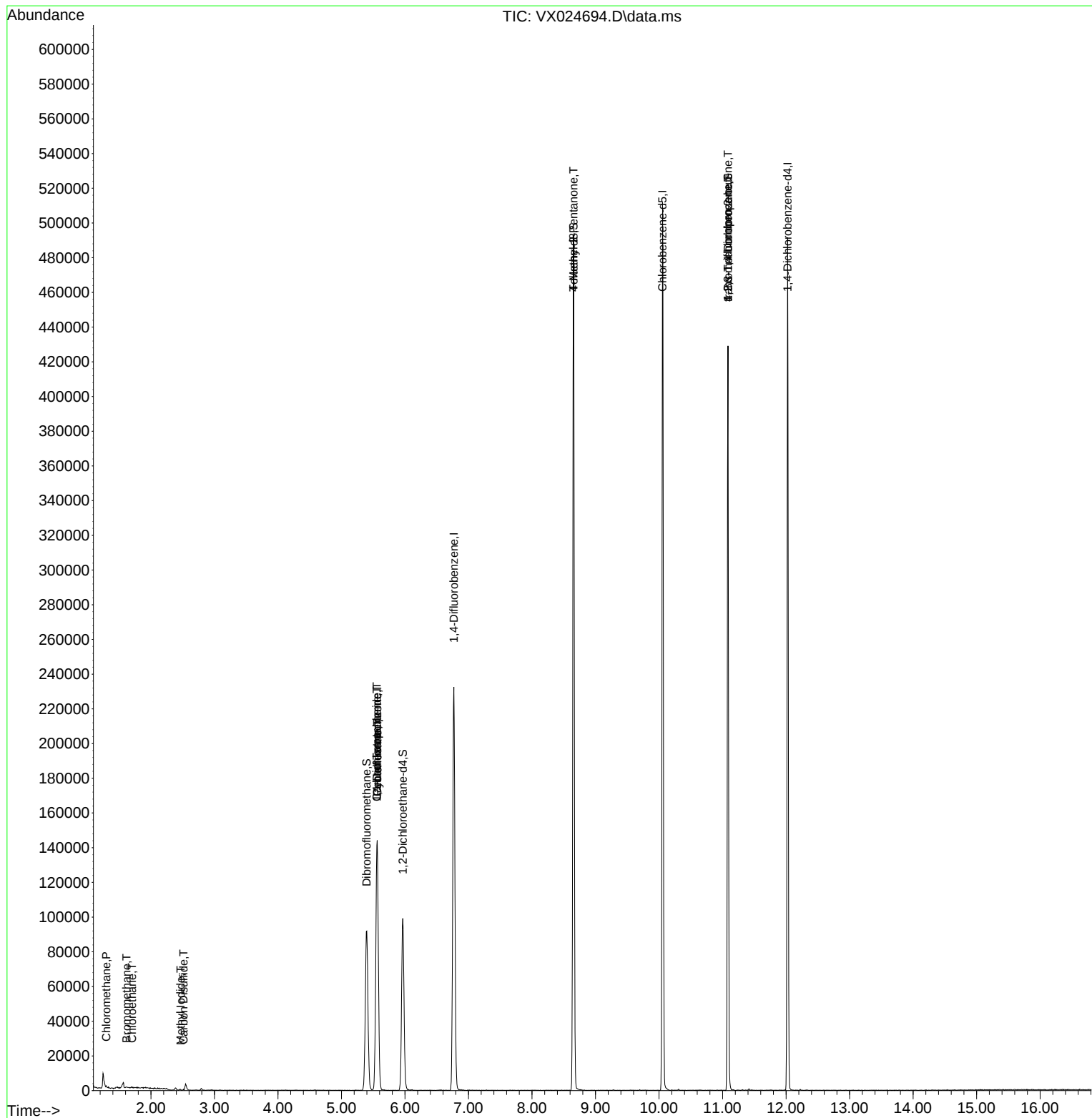
Internal Standards						
1) Pentafluorobenzene	5.562	168	134993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	232104	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100045	52.584	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.160%	
35) Dibromofluoromethane	5.397	113	77544	50.290	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.580%	
50) Toluene-d8	8.653	98	283396	49.937	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.880%	
62) 4-Bromofluorobenzene	11.085	95	106458	47.710	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	336	0.262	ug/l	90
5) Bromomethane	1.617	94	316	0.351	ug/l #	63
6) Chloroethane	1.703	64	294	0.586	ug/l #	43
10) Methyl Iodide	2.465	142	510	0.273	ug/l #	80
11) Tert butyl alcohol	2.953	59	72	Below Cal	#	73
16) Acetone	2.386	43	1463	Below Cal	#	83
17) Carbon Disulfide	2.514	76	453	0.369	ug/l #	75
20) Methylene Chloride	2.794	84	413	Below Cal		92
31) Cyclohexane	5.562	56	2871	1.260	ug/l #	41
36) 1,1-Dichloropropene	5.556	75	10062	4.522	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14216	5.869	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1296	0.465	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	58240	25.737	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	58240	70.126	ug/l #	12

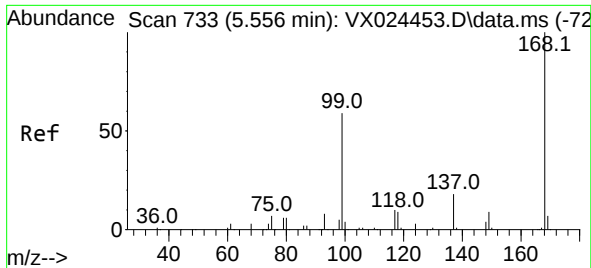
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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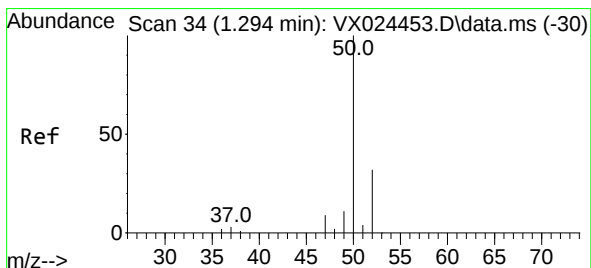
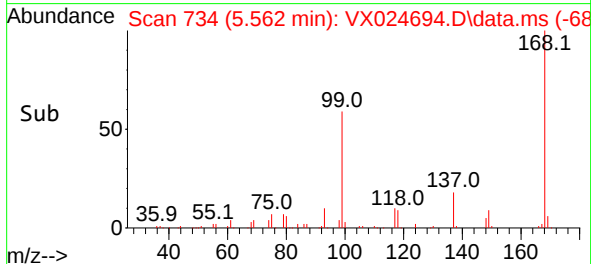
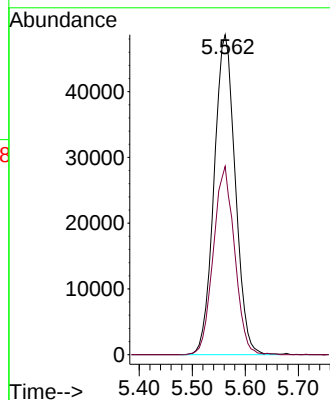
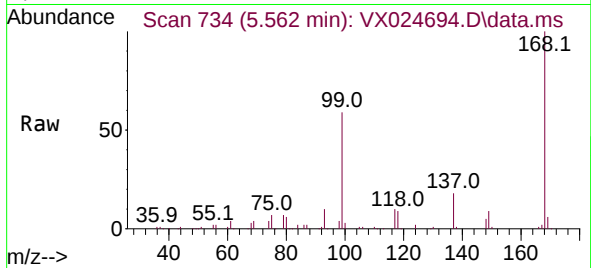




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024694.D
Acq: 09 Oct 2021 01:46

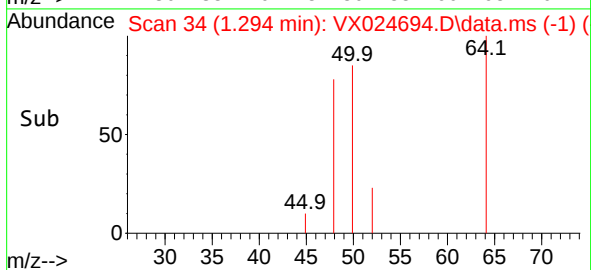
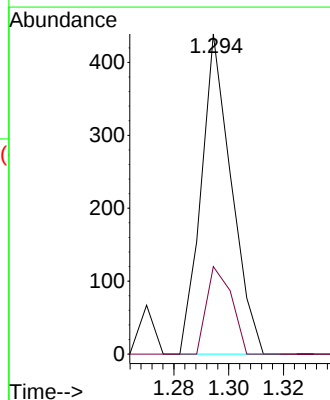
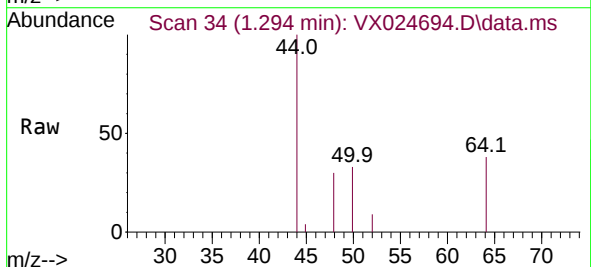
Instrument :
MSVOA_X
ClientSampled :

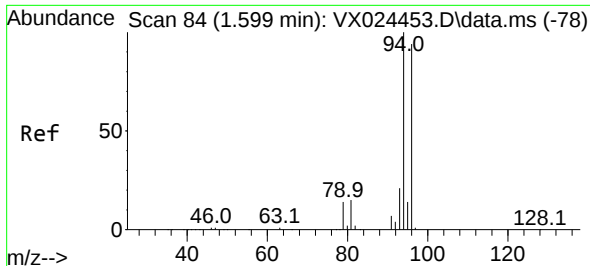
Tgt Ion:168 Resp: 134993
Ion Ratio Lower Upper
168 100
99 58.8 45.8 68.6



#3
Chloromethane
Concen: 0.262 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024694.D
Acq: 09 Oct 2021 01:46

Tgt Ion: 50 Resp: 336
Ion Ratio Lower Upper
50 100
52 27.3 26.4 39.6

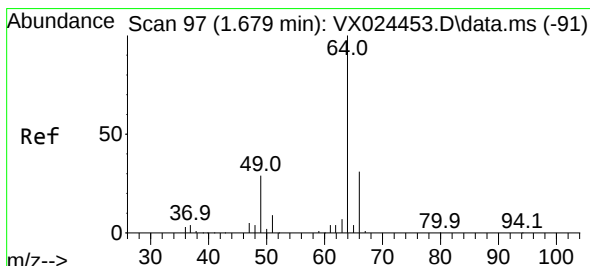
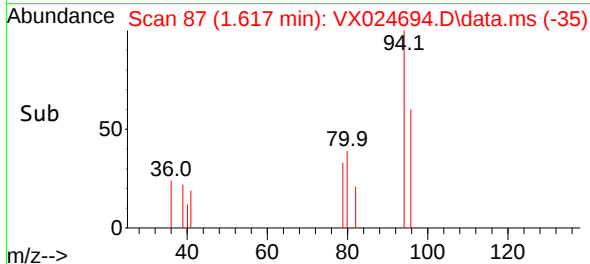
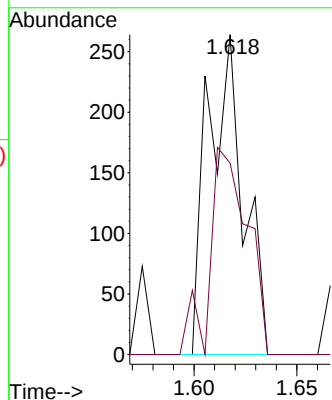
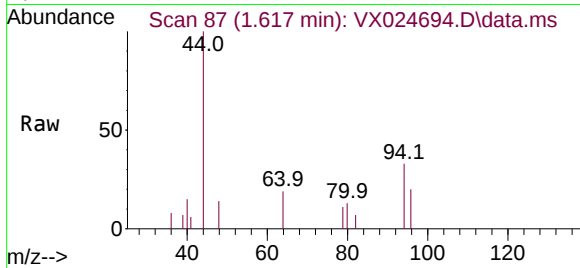




#5
Bromomethane
Concen: 0.351 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024694.D
Acq: 09 Oct 2021 01:46

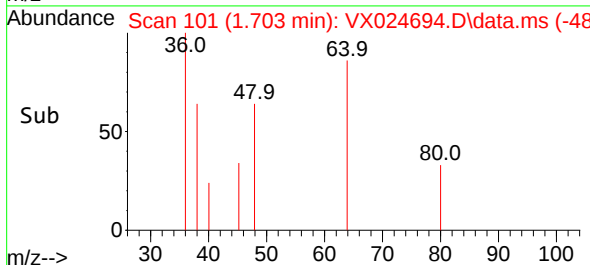
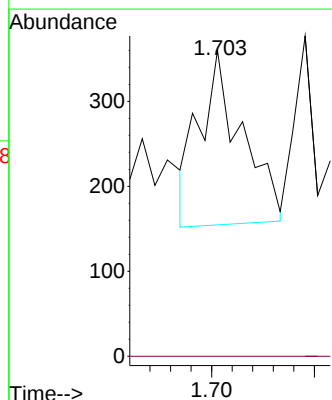
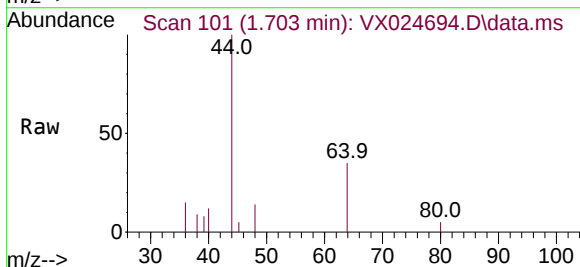
Instrument :
MSVOA_X
ClientSampled :

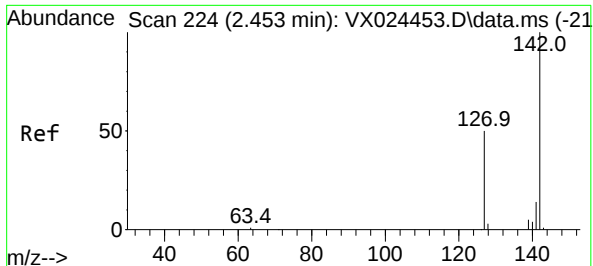
Tgt Ion: 94 Resp: 316
Ion Ratio Lower Upper
94 100
96 59.8 76.4 114.6#



#6
Chloroethane
Concen: 0.586 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX024694.D
Acq: 09 Oct 2021 01:46

Tgt Ion: 64 Resp: 294
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

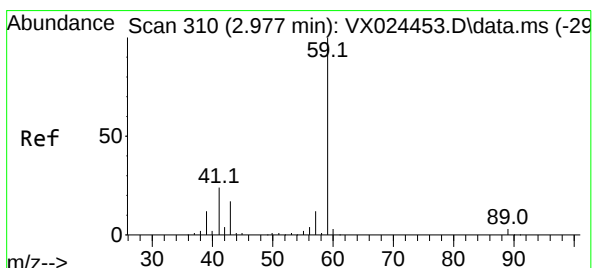
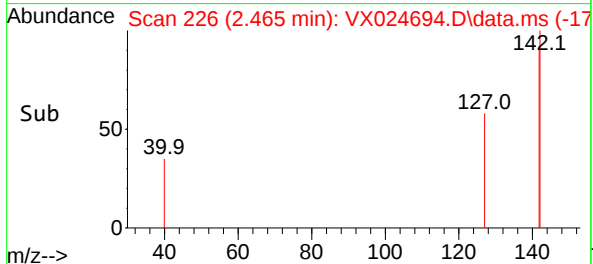
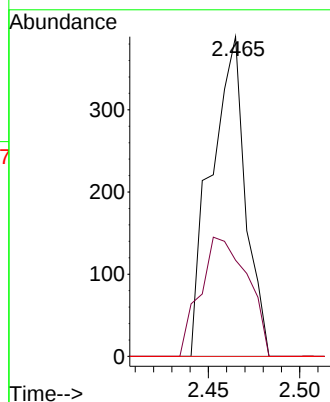
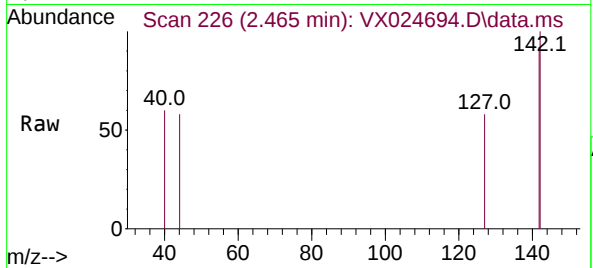




#10
Methyl Iodide
Concen: 0.273 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024694.D
Acq: 09 Oct 2021 01:46

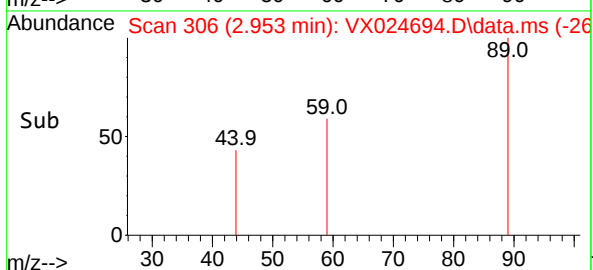
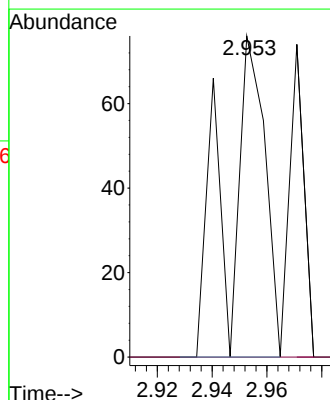
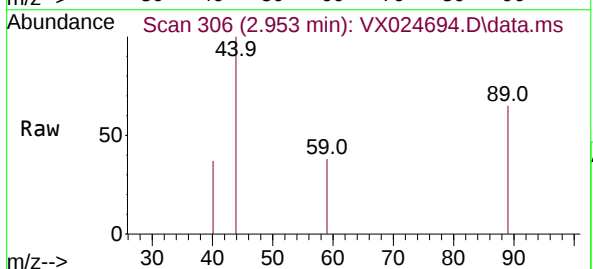
Instrument :
MSVOA_X
ClientSampled :

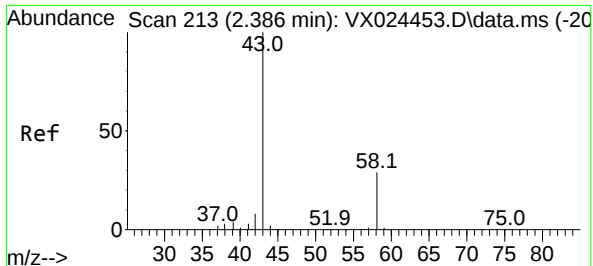
Tgt Ion:142 Resp: 510
Ion Ratio Lower Upper
142 100
127 51.2 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024694.D
Acq: 09 Oct 2021 01:46

Tgt Ion: 59 Resp: 72
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

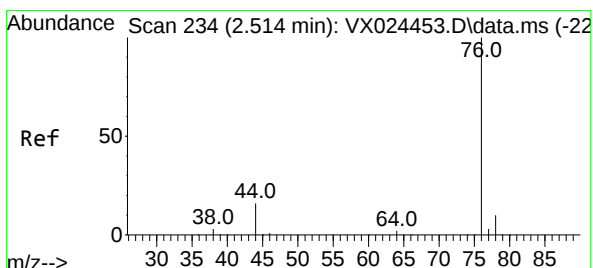
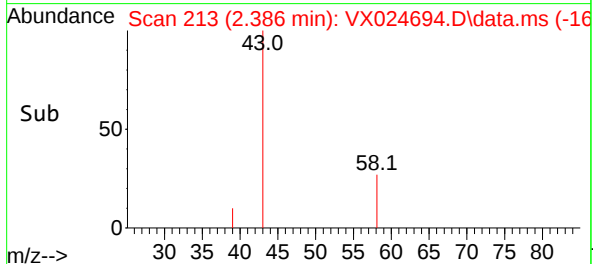
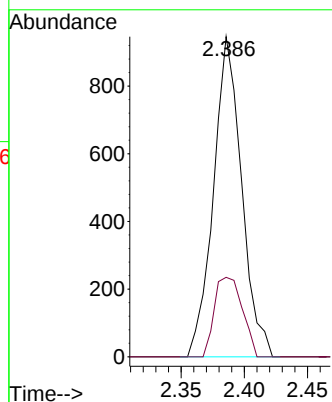
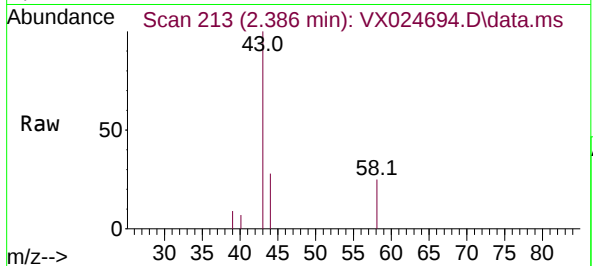




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024694.D
Acq: 09 Oct 2021 01:46

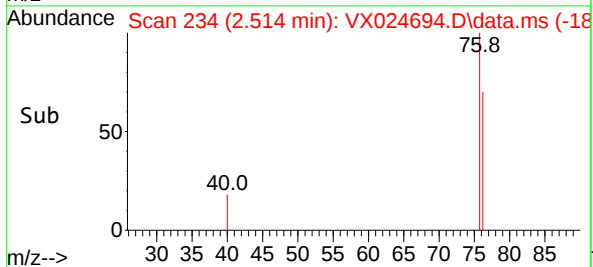
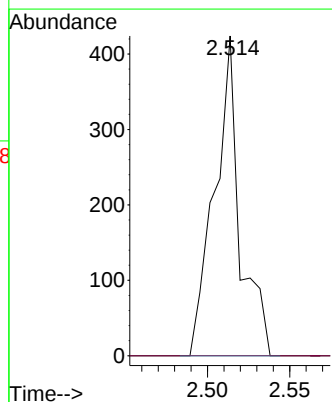
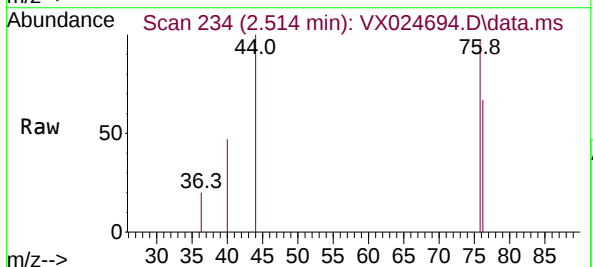
Instrument :
MSVOA_X
ClientSampled :

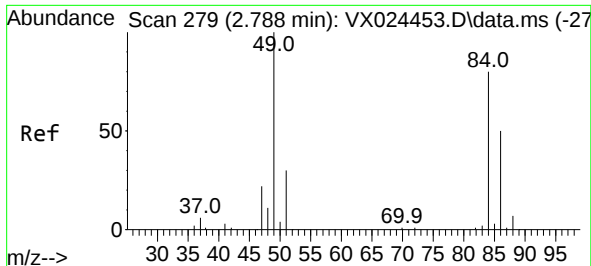
Tgt Ion: 43 Resp: 1463
Ion Ratio Lower Upper
43 100
58 24.8 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.369 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024694.D
Acq: 09 Oct 2021 01:46

Tgt Ion: 76 Resp: 453
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

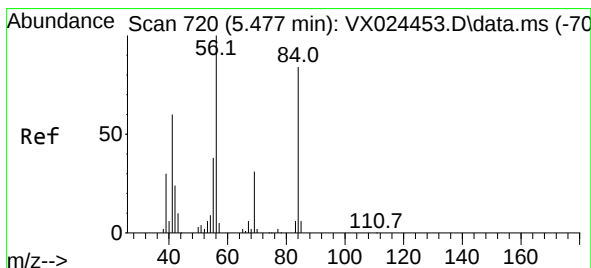
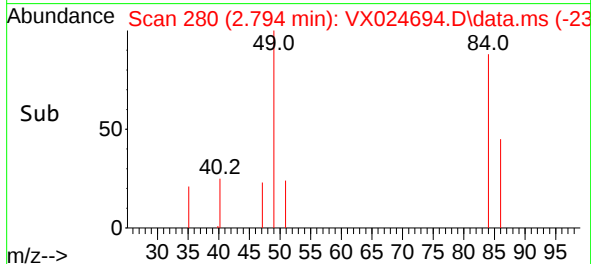
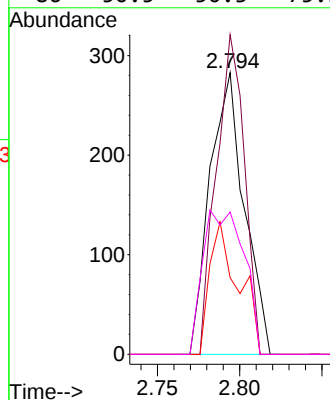
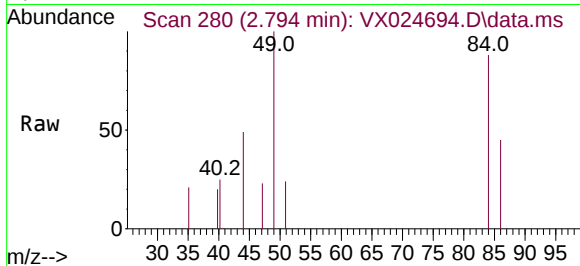




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024694.D
Acq: 09 Oct 2021 01:46

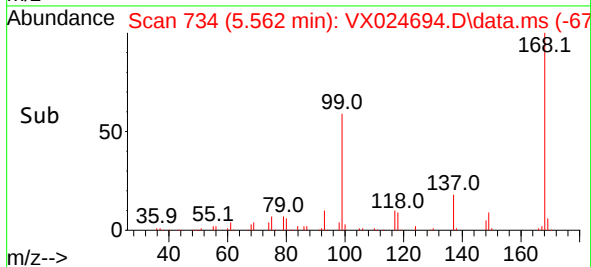
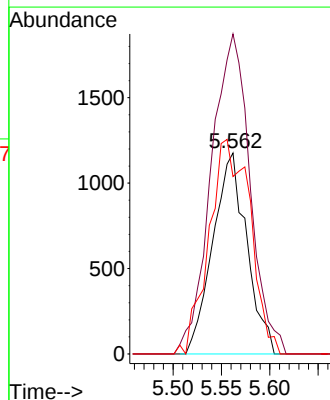
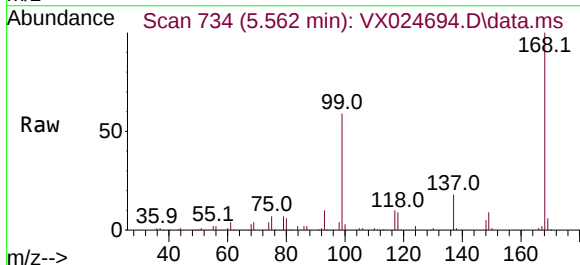
Instrument :
MSVOA_X
ClientSampled :

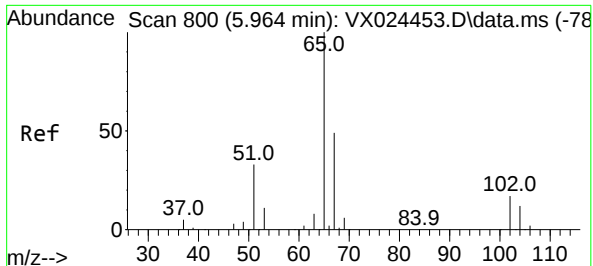
Tgt Ion: 84	Resp: 413
Ion Ratio	Lower Upper
84 100	
49 113.4	88.6 132.8
51 27.2	27.0 40.6
86 50.5	50.3 75.5



#31
Cyclohexane
Concen: 1.260 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024694.D
Acq: 09 Oct 2021 01:46

Tgt Ion: 56	Resp: 2871		
Ion Ratio	Lower	Upper	
56	100		
69	154.5	25.3	37.9#
84	88.4	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 52.584 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024694.D

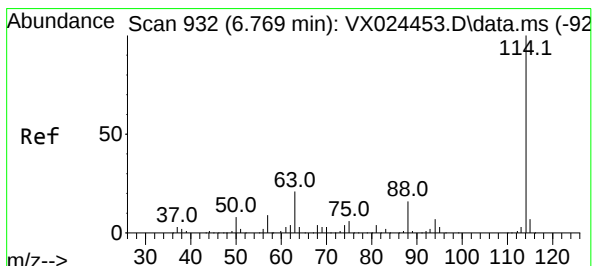
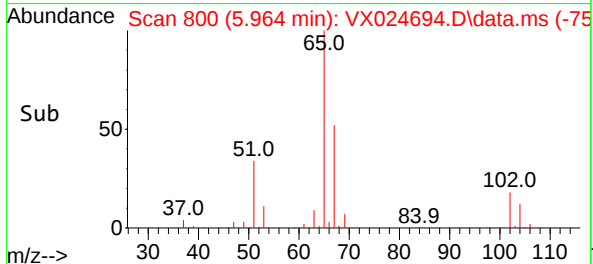
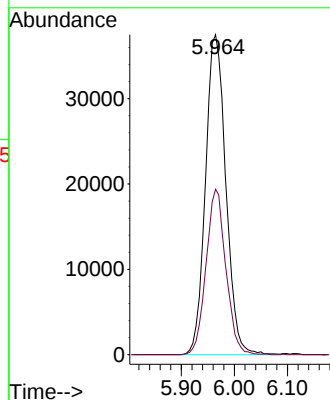
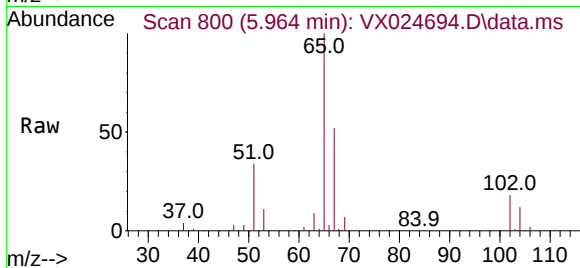
Acq: 09 Oct 2021 01:46

Tgt Ion: 65 Resp: 100045

Ion Ratio Lower Upper

65 100

67 50.2 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: VX024694.D

Acq: 09 Oct 2021 01:46

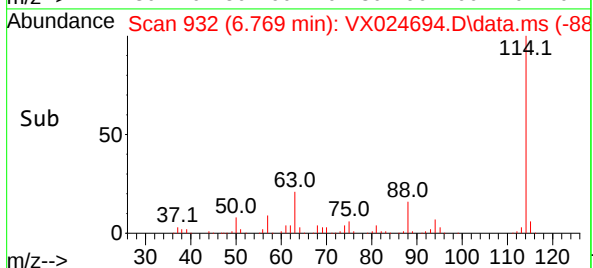
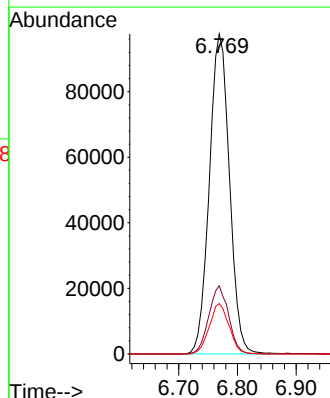
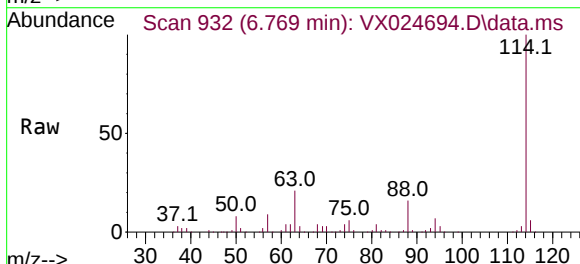
Tgt Ion: 114 Resp: 232104

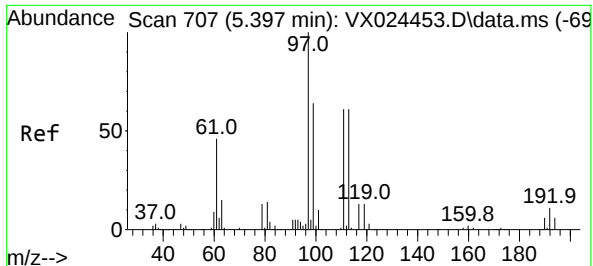
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

88 15.8 0.0 32.8

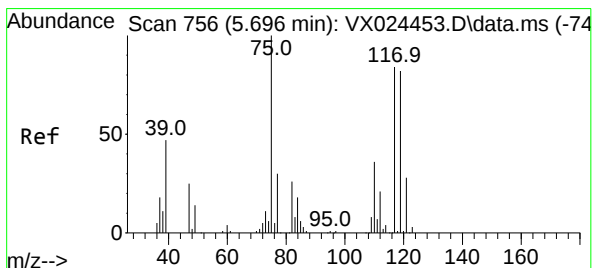
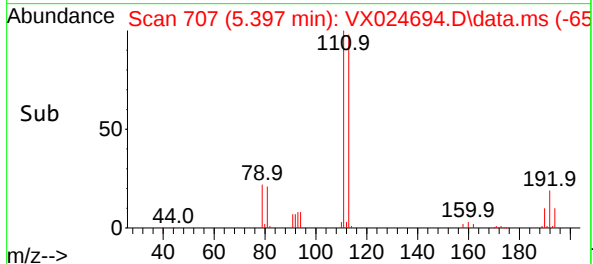
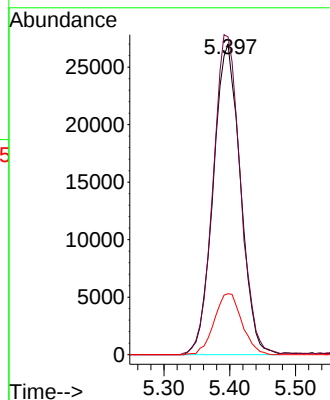
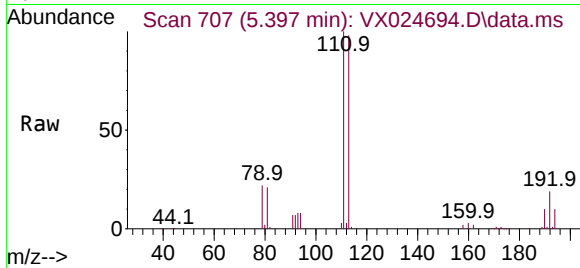




#35
Dibromofluoromethane
Concen: 50.290 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024694.D
Acq: 09 Oct 2021 01:46

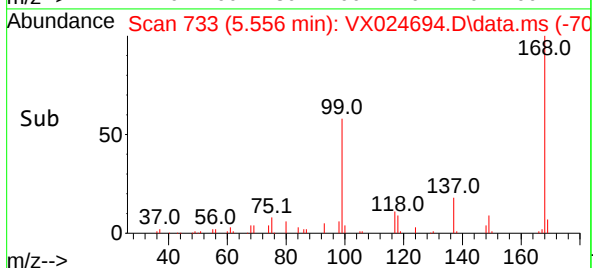
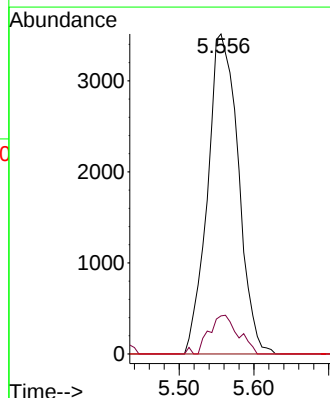
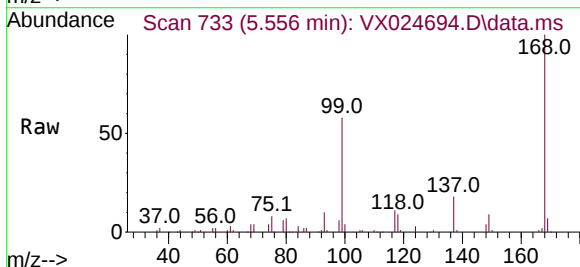
Instrument :
MSVOA_X
ClientSampled :

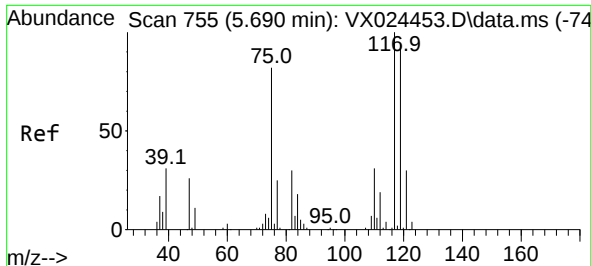
Tgt Ion:113 Resp: 77544
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 20.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.522 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024694.D
Acq: 09 Oct 2021 01:46

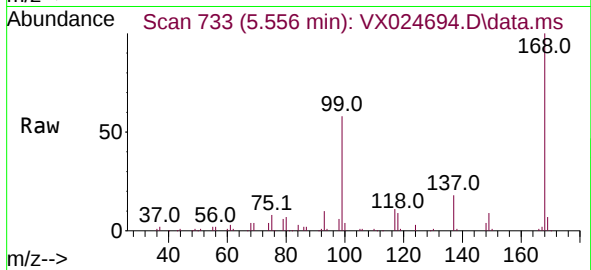
Tgt Ion: 75 Resp: 10062
Ion Ratio Lower Upper
75 100
110 11.3 18.1 54.4#
77 0.0 25.3 37.9#



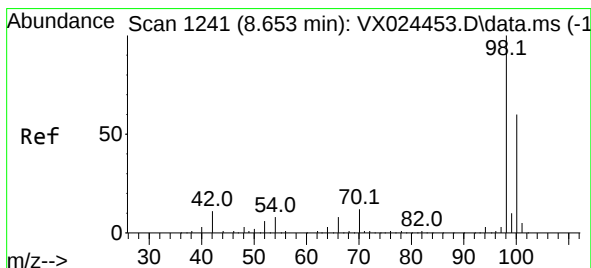
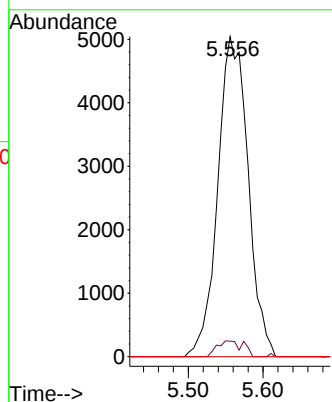
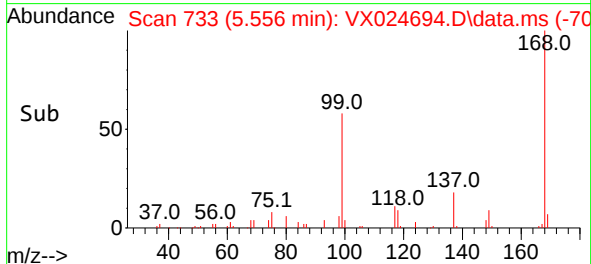


#38
Carbon Tetrachloride
Concen: 5.869 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024694.D
Acq: 09 Oct 2021 01:46

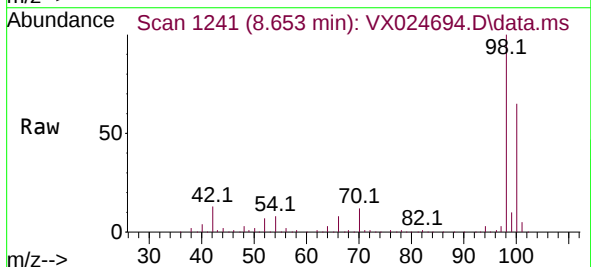
Instrument :
MSVOA_X
ClientSampleId :



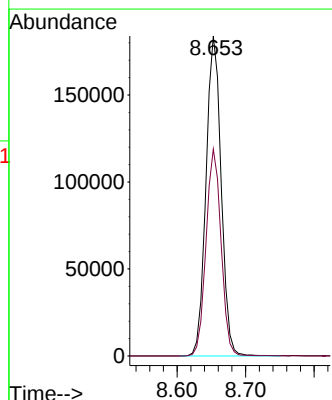
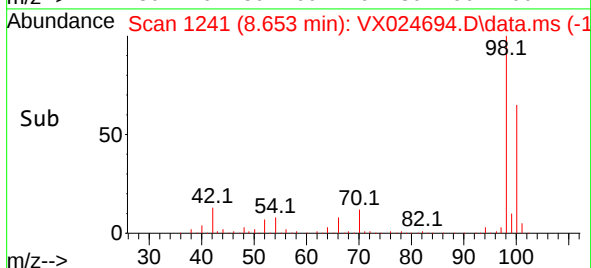
Tgt Ion:117 Resp: 14216
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#

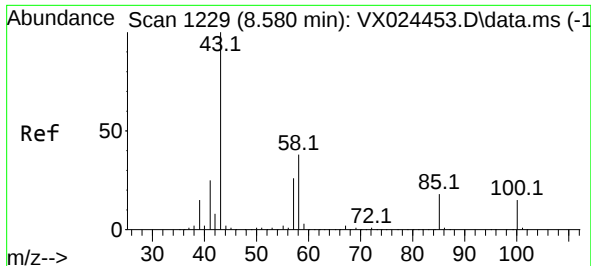


#50
Toluene-d8
Concen: 49.937 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024694.D
Acq: 09 Oct 2021 01:46



Tgt Ion: 98 Resp: 283396
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

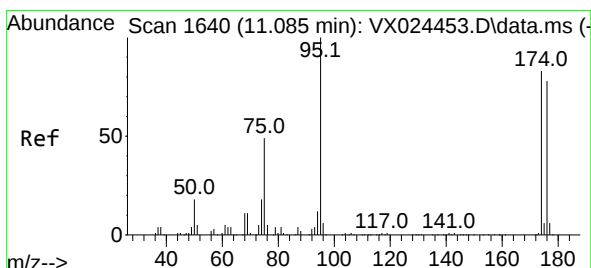
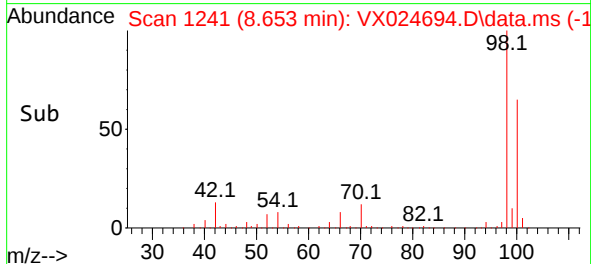
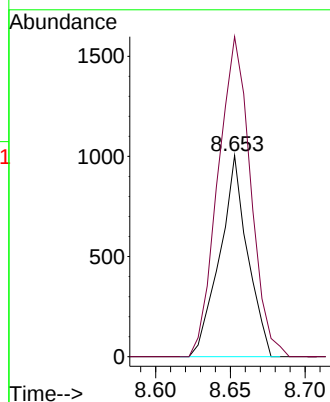
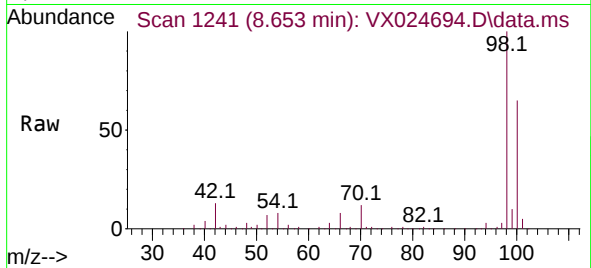




#51
4-Methyl-2-Pentanone
Concen: 0.465 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024694.D
Acq: 09 Oct 2021 01:46

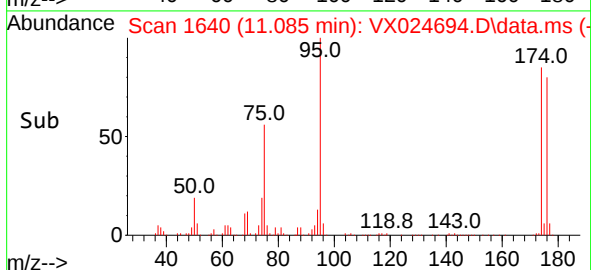
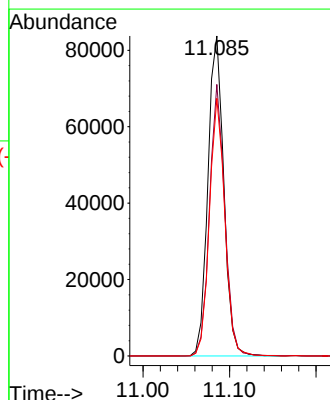
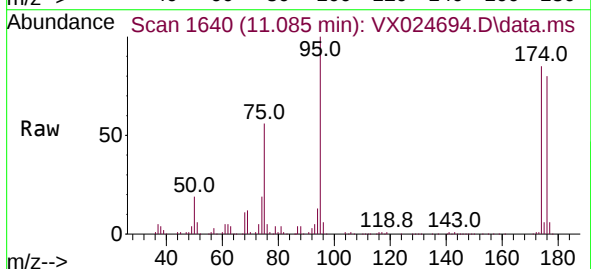
Instrument :
MSVOA_X
ClientSampled :

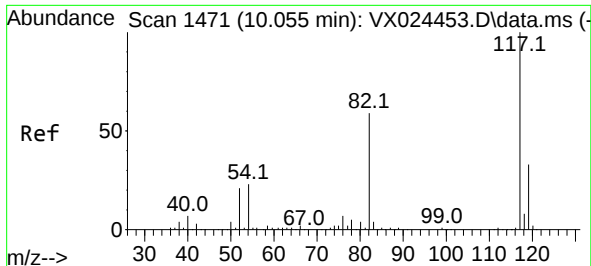
Tgt Ion: 43 Resp: 1296
Ion Ratio Lower Upper
43 100
58 186.9 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 47.710 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024694.D
Acq: 09 Oct 2021 01:46

Tgt Ion: 95 Resp: 106458
Ion Ratio Lower Upper
95 100
174 81.7 0.0 154.6
176 78.1 0.0 155.8

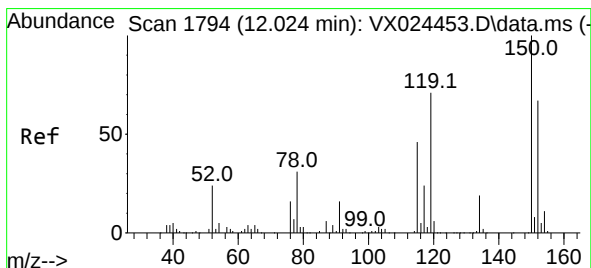
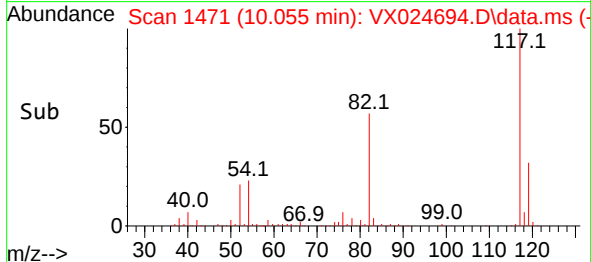
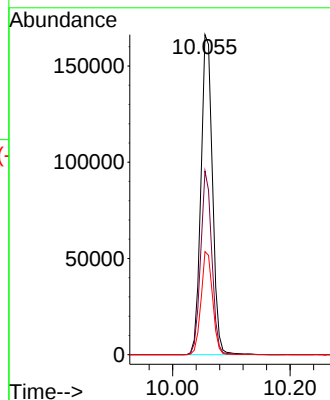
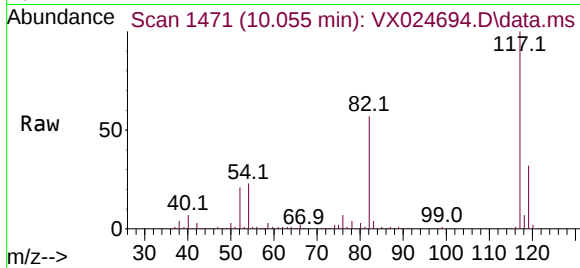




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024694.D
Acq: 09 Oct 2021 01:46

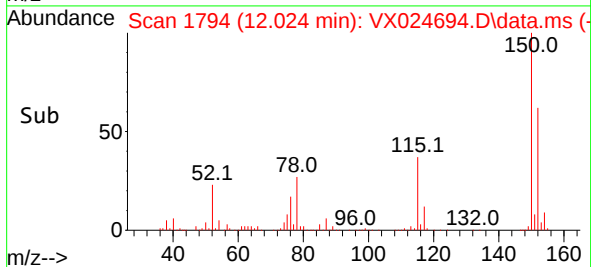
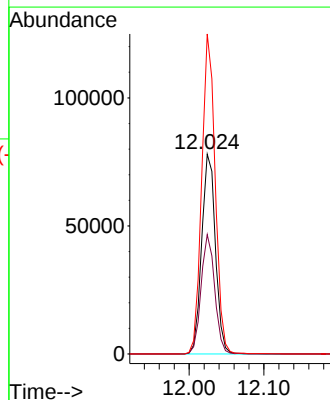
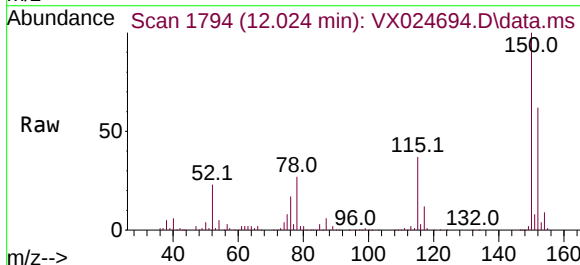
Instrument :
MSVOA_X
ClientSampled :

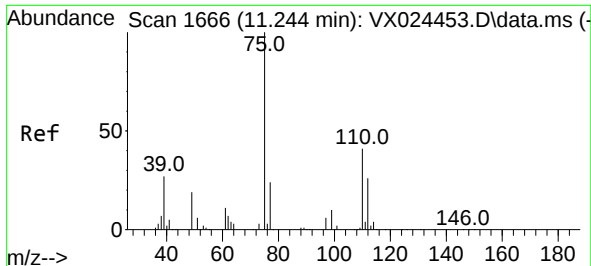
Tgt Ion:117 Resp: 226918
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024694.D
Acq: 09 Oct 2021 01:46

Tgt Ion:152 Resp: 99647
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 156.6 0.0 349.0

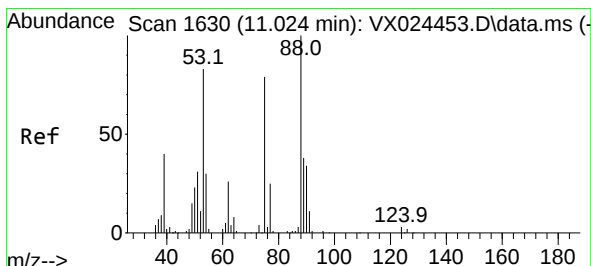
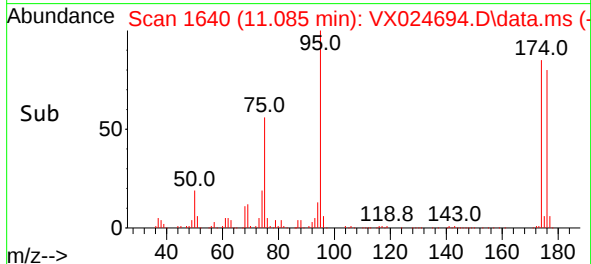
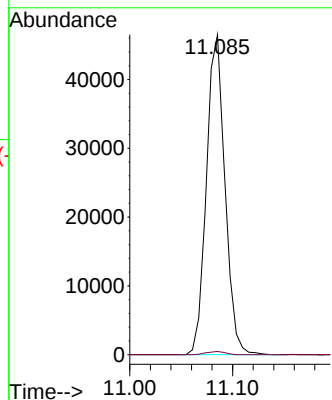
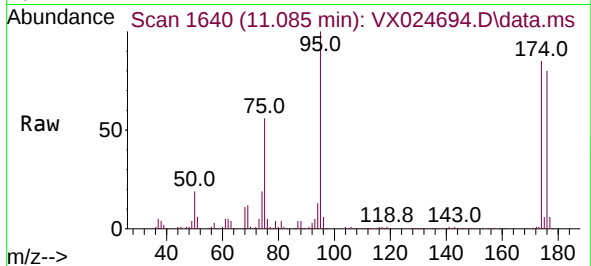




#76
1,2,3-Trichloropropane
Concen: 25.737 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024694.D
Acq: 09 Oct 2021 01:46

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 58240
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.126 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024694.D
Acq: 09 Oct 2021 01:46

Tgt Ion: 75 Resp: 58240
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

