

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100621\
 Data File : VX024629.D
 Acq On : 06 Oct 2021 19:42
 Operator : JC/MD
 Sample : M4069-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 07 07:49:19 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)

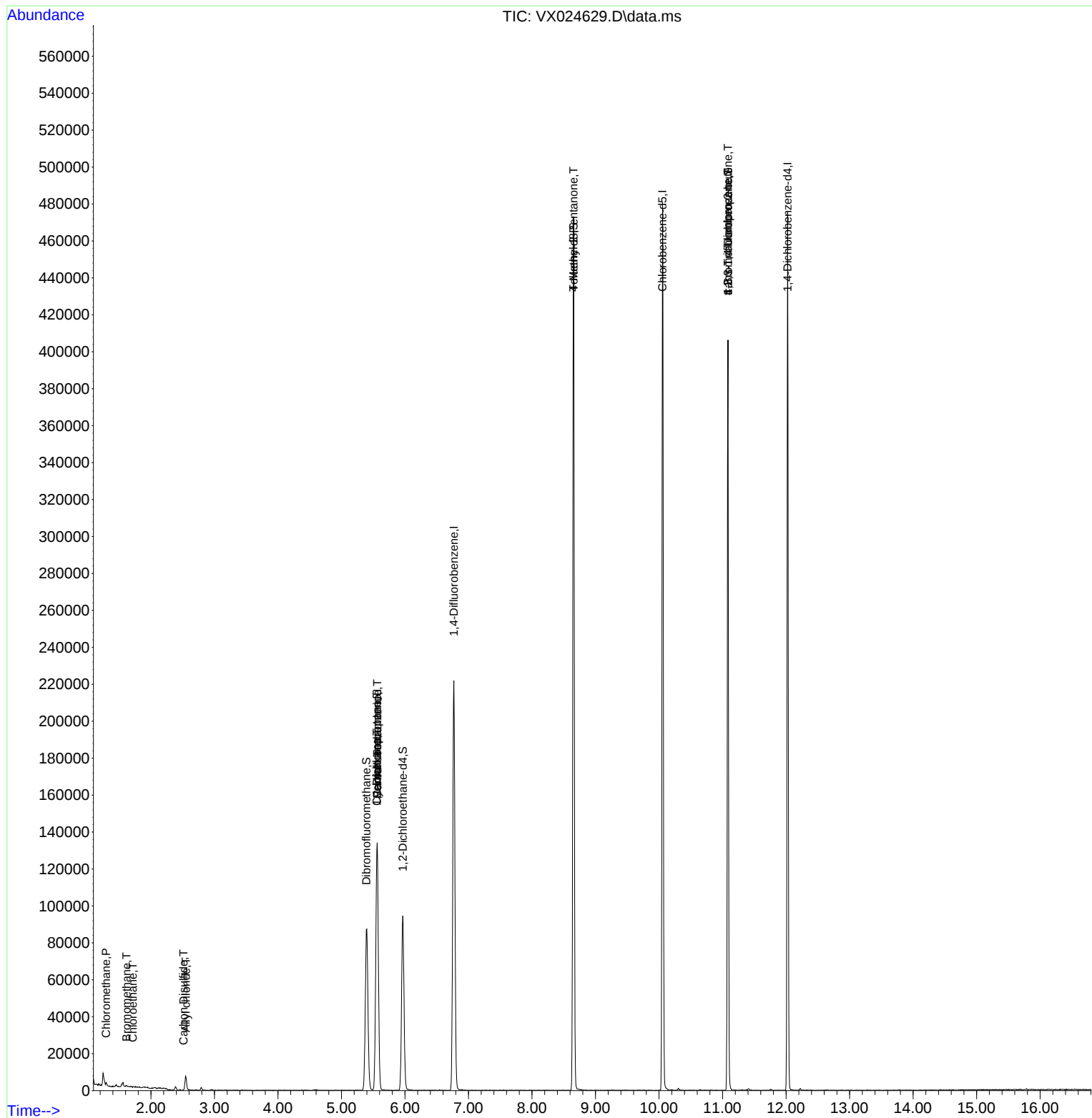
Internal Standards						
1) Pentafluorobenzene	5.562	168	125237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	218920	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94631	53.61	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.22%	
35) Dibromofluoromethane	5.391	113	74013	50.89	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.78%	
50) Toluene-d8	8.653	98	270654	50.56	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.12%	
62) 4-Bromofluorobenzene	11.085	95	100077	47.55	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.10%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	788	0.66	ug/l #	75
5) Bromomethane	1.618	94	236	0.28	ug/l #	75
6) Chloroethane	1.715	64	321	0.64	ug/l #	43
11) Tert butyl alcohol	2.953	59	263	Below Cal	#	73
14) Allyl chloride	2.550	41	906	0.43	ug/l #	51
16) Acetone	2.386	43	1881	Below Cal		100
17) Carbon Disulfide	2.514	76	53	0.25	ug/l #	75
20) Methylene Chloride	2.794	84	563	Below Cal	#	80
31) Cyclohexane	5.556	56	2508	1.19	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10319	4.92	ug/l #	49
38) Carbon Tetrachloride	5.562	117	12572	5.50	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1154	0.44	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	54878	25.60	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	54878	69.78	ug/l #	12

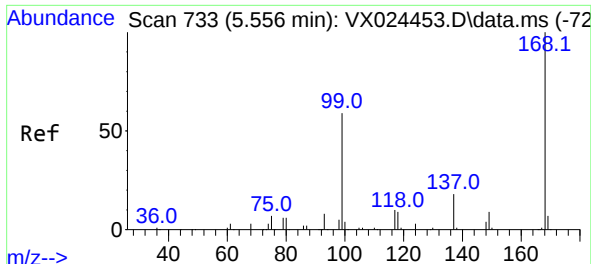
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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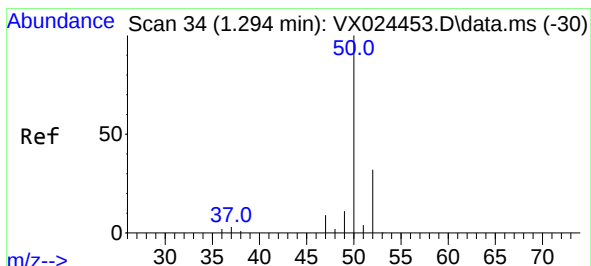
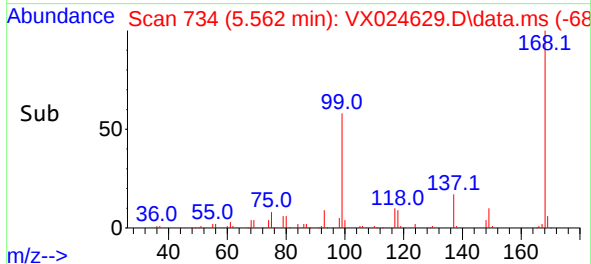
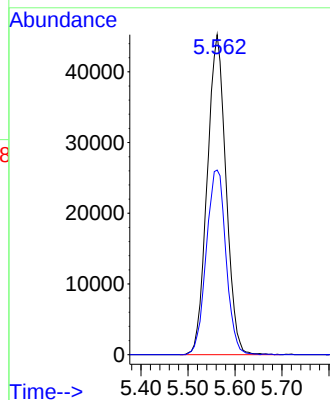
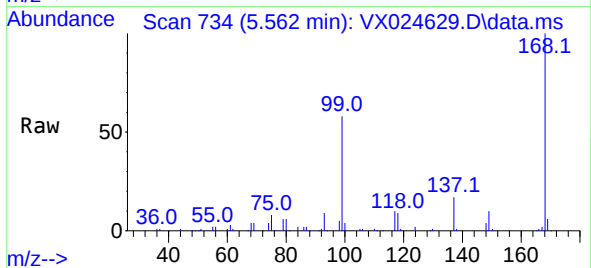




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024629.D
Acq: 06 Oct 2021 19:42

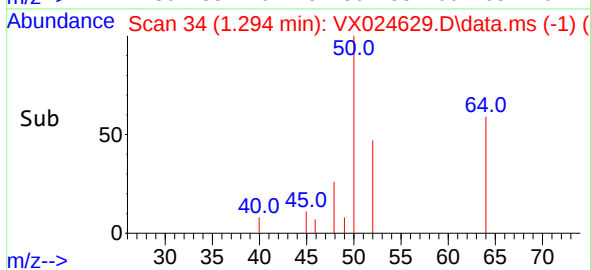
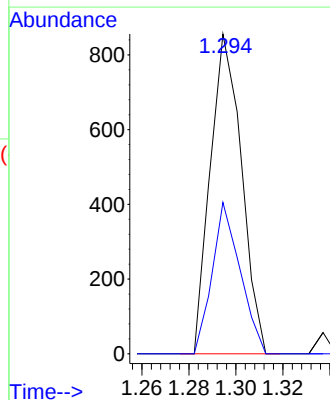
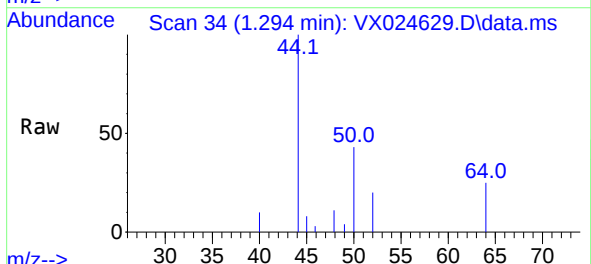
Instrument :
MSVOA_X
ClientSampleId :

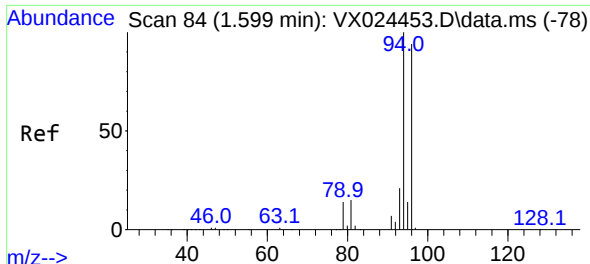
Tgt Ion:168 Resp: 125237
Ion Ratio Lower Upper
168 100
99 57.7 45.8 68.6



#3
Chloromethane
Concen: 0.66 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024629.D
Acq: 06 Oct 2021 19:42

Tgt Ion: 50 Resp: 788
Ion Ratio Lower Upper
50 100
52 47.3 26.4 39.6#

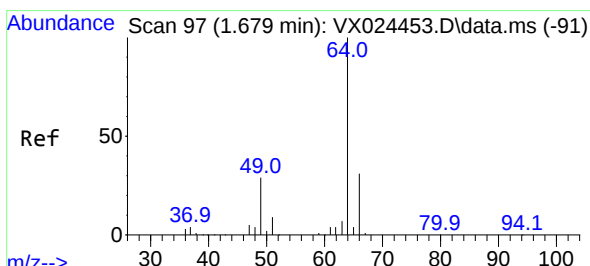
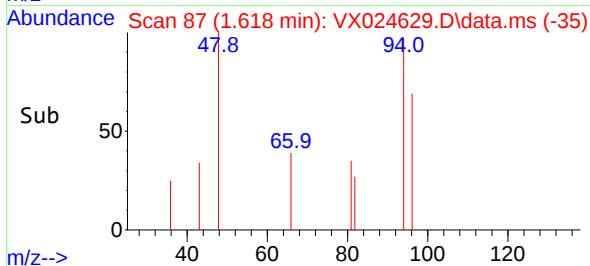
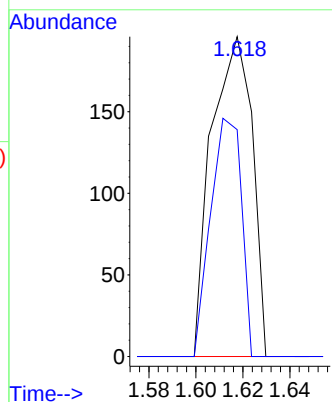
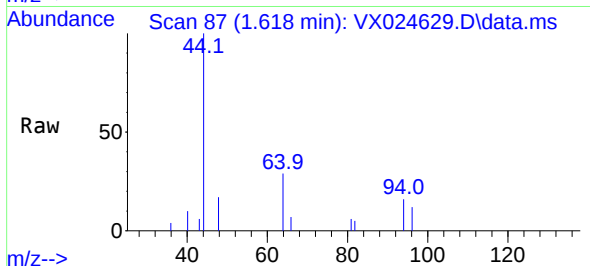




#5
Bromomethane
Concen: 0.28 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024629.D
Acq: 06 Oct 2021 19:42

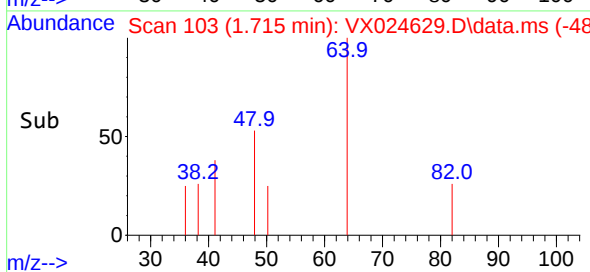
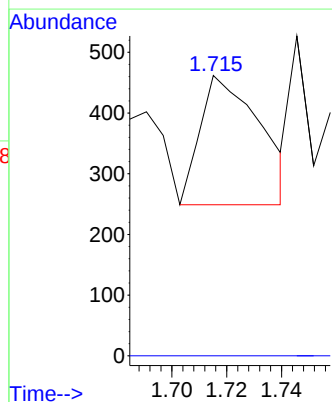
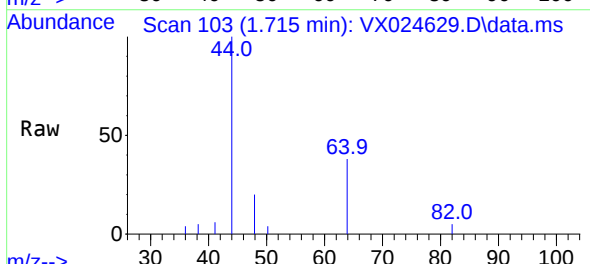
Instrument :
MSVOA_X
ClientSampled :

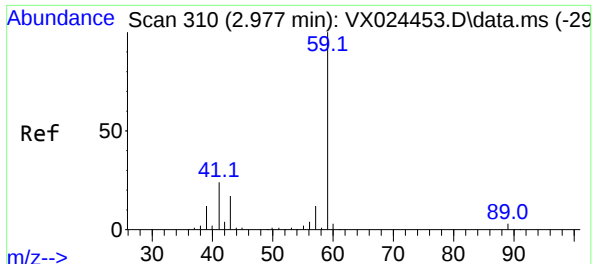
Tgt Ion: 94 Resp: 236
Ion Ratio Lower Upper
94 100
96 70.9 76.4 114.6#



#6
Chloroethane
Concen: 0.64 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.036 min
Lab File: VX024629.D
Acq: 06 Oct 2021 19:42

Tgt Ion: 64 Resp: 321
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



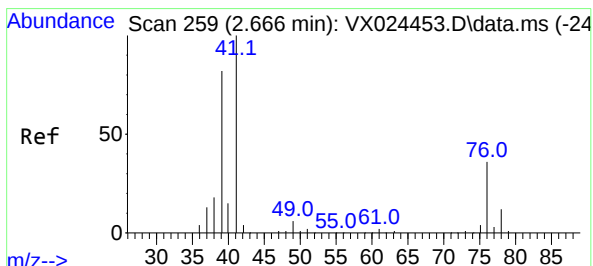
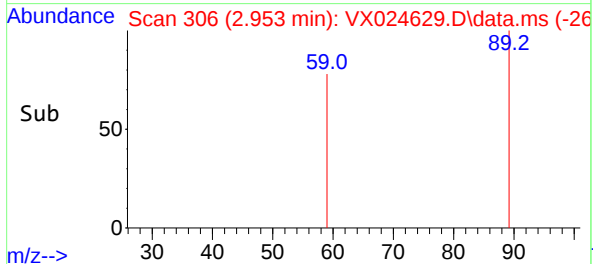
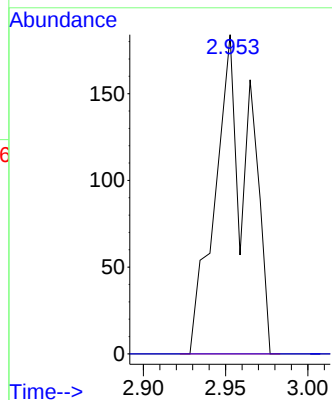
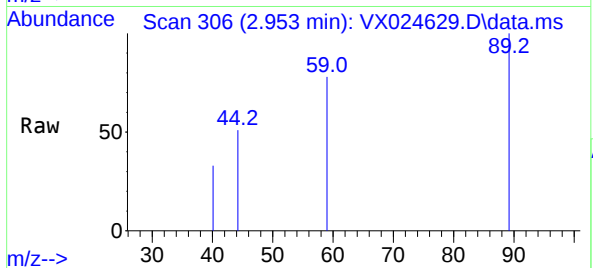


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024629.D
Acq: 06 Oct 2021 19:42

Instrument :
MSVOA_X
ClientSampled :

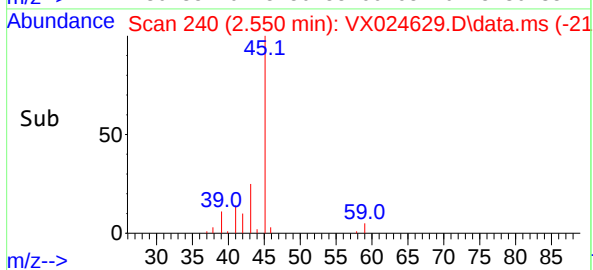
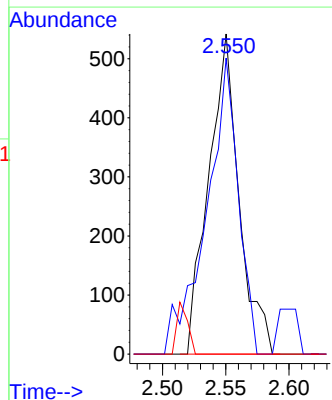
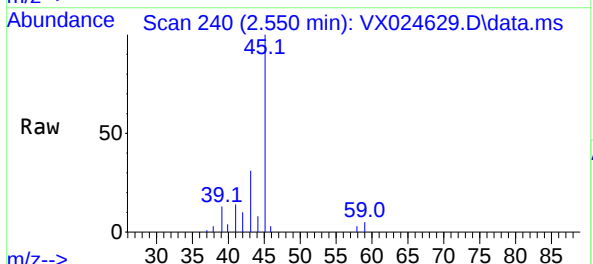
Tgt Ion: 59 Resp: 263
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

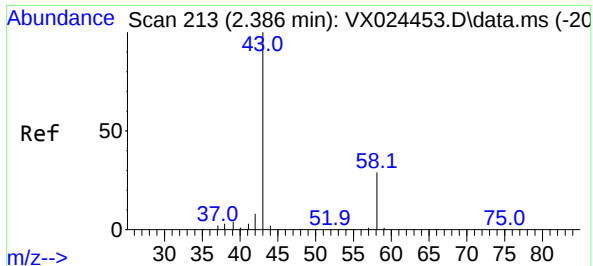


#14

Allyl chloride
Concen: 0.43 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.116 min
Lab File: VX024629.D
Acq: 06 Oct 2021 19:42

Tgt Ion: 41 Resp: 906
Ion Ratio Lower Upper
41 100
39 96.7 51.6 77.4#
76 0.0 30.5 45.7#

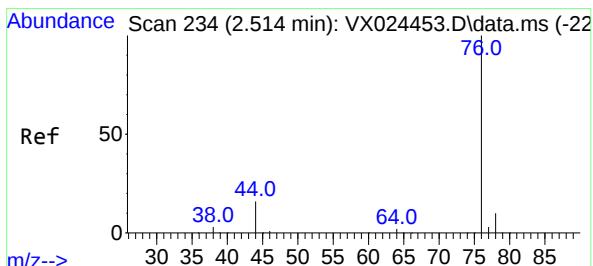
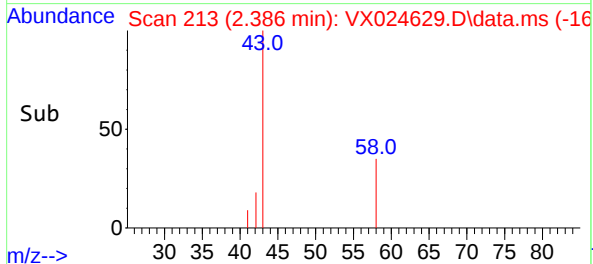
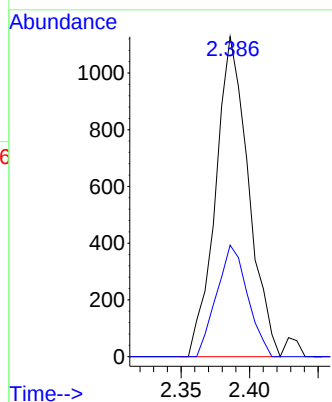
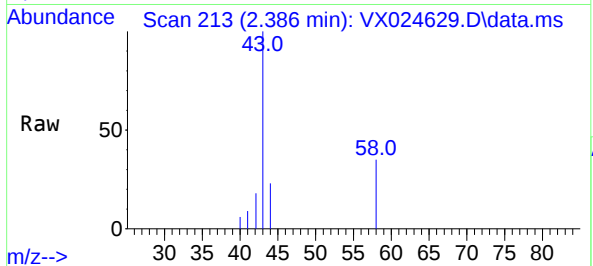




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024629.D
Acq: 06 Oct 2021 19:42

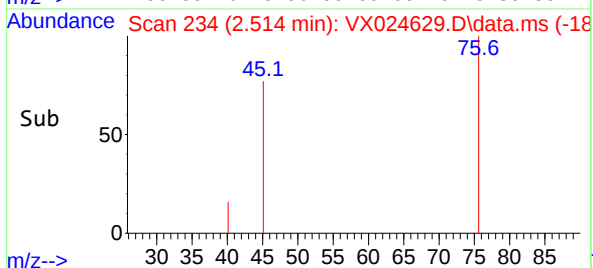
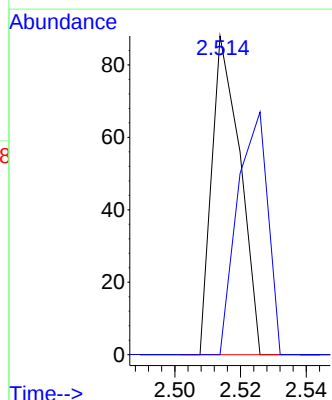
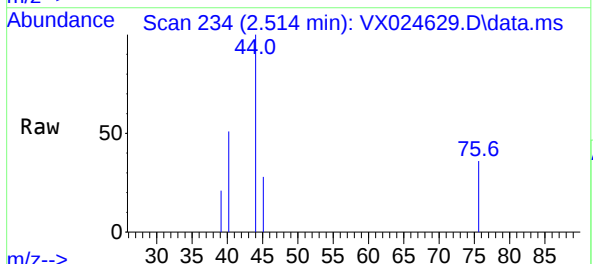
Instrument :
MSVOA_X
ClientSampled :

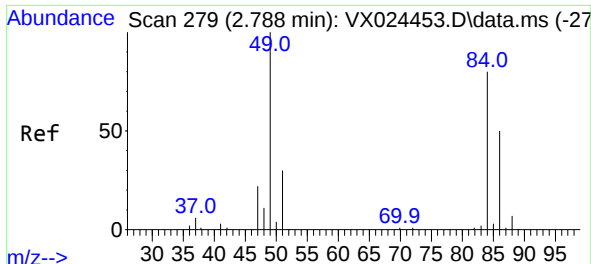
Tgt Ion: 43 Resp: 1881
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.8



#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024629.D
Acq: 06 Oct 2021 19:42

Tgt Ion: 76 Resp: 53
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: VX024629.D

Acq: 06 Oct 2021 19:42

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 84 Resp: 563

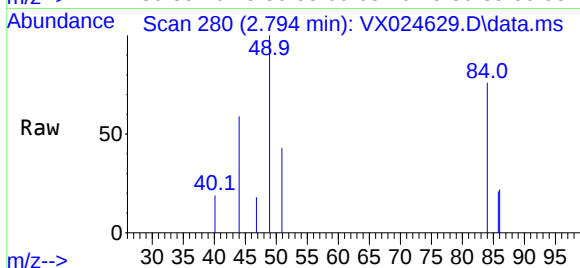
Ion Ratio Lower Upper

84 100

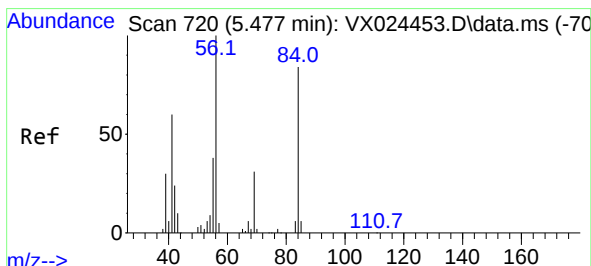
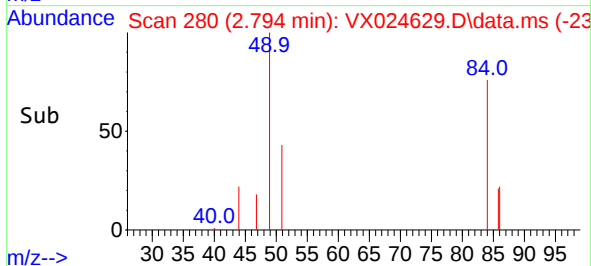
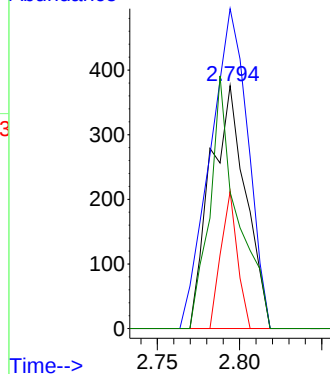
49 131.6 88.6 132.8

51 56.4 27.0 40.6#

86 56.1 50.3 75.5



Abundance



#31

Cyclohexane

Concen: 1.19 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024629.D

Acq: 06 Oct 2021 19:42

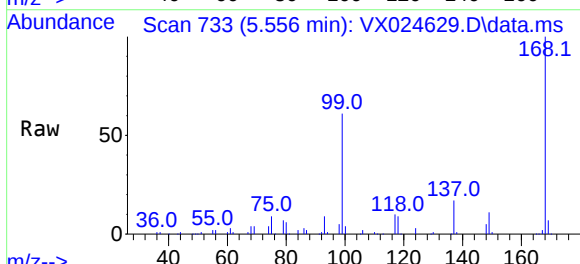
Tgt Ion: 56 Resp: 2508

Ion Ratio Lower Upper

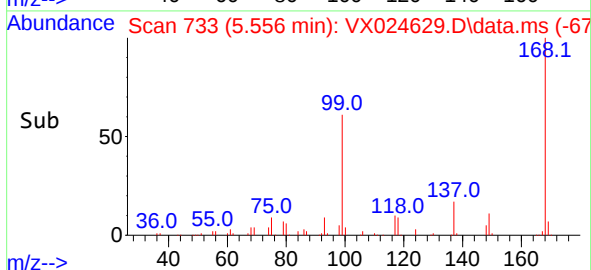
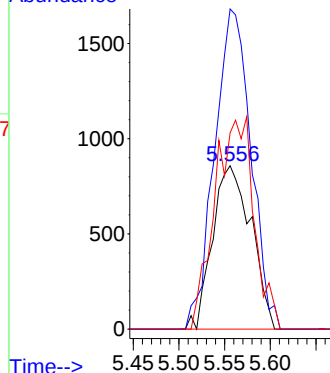
56 100

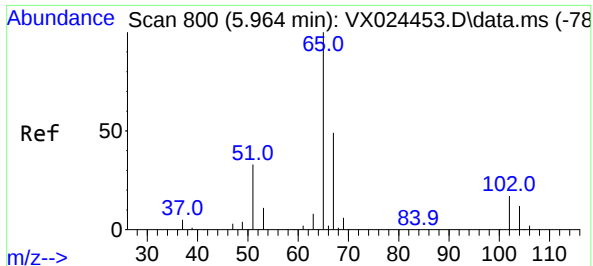
69 196.0 25.3 37.9#

84 120.2 71.4 107.0#



Abundance



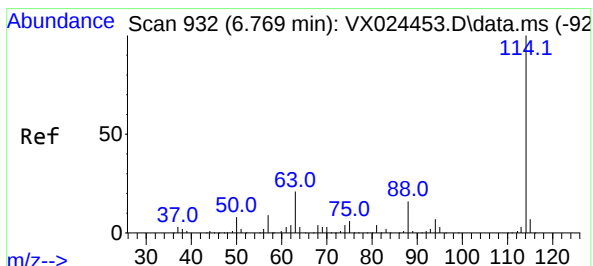
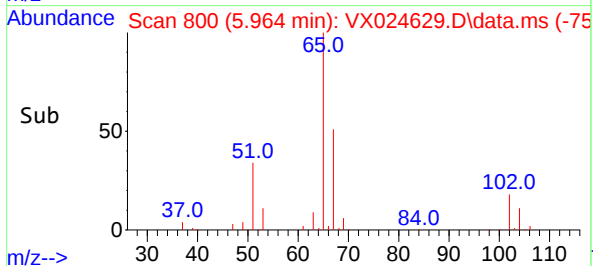
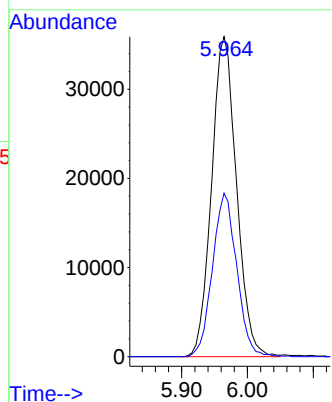
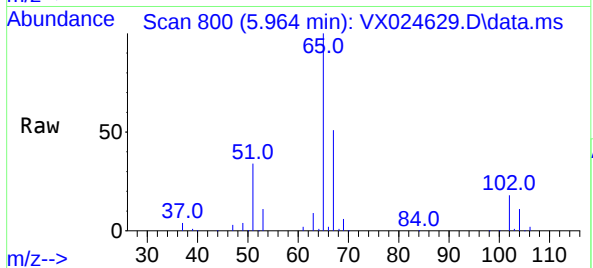


#33

1,2-Dichloroethane-d4
Concen: 53.61 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024629.D
Acq: 06 Oct 2021 19:42

Instrument :
MSVOA_X
ClientSampled :

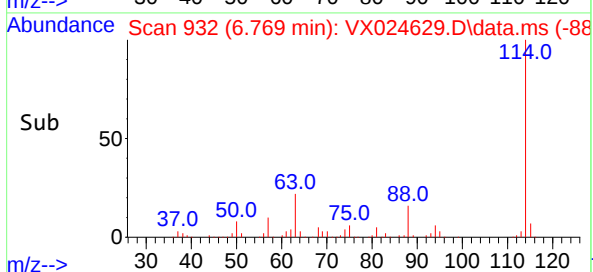
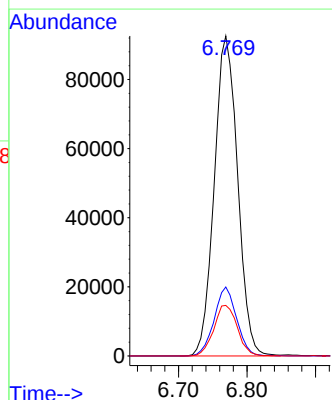
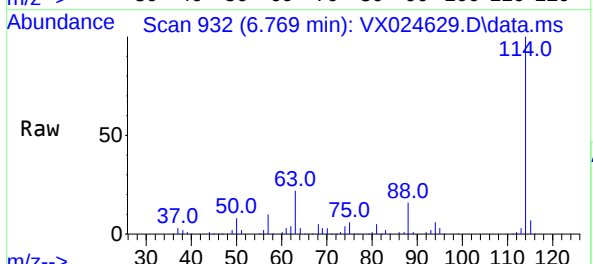
Tgt Ion: 65 Resp: 94631
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

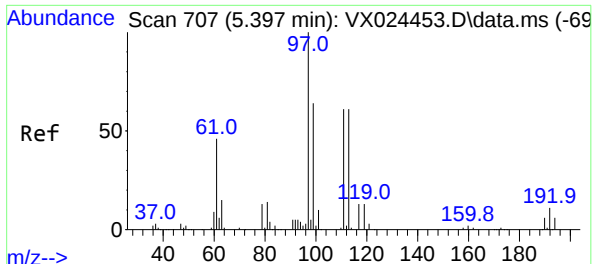


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024629.D
Acq: 06 Oct 2021 19:42

Tgt Ion: 114 Resp: 218920
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 15.8 0.0 32.8

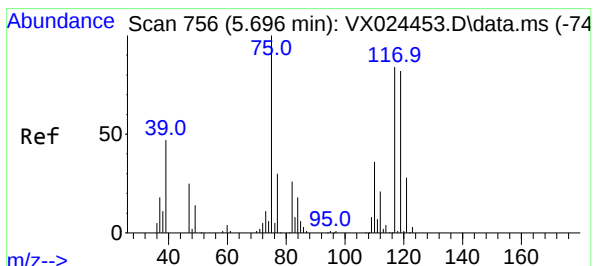
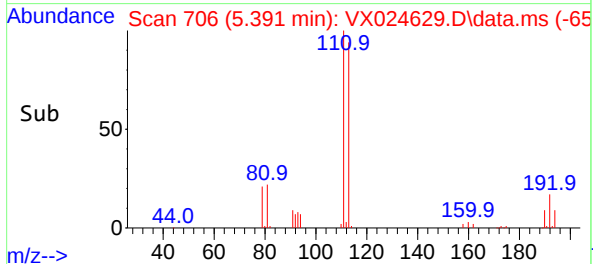
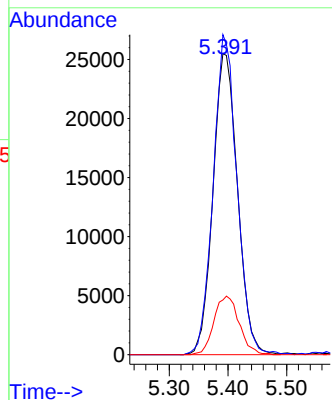
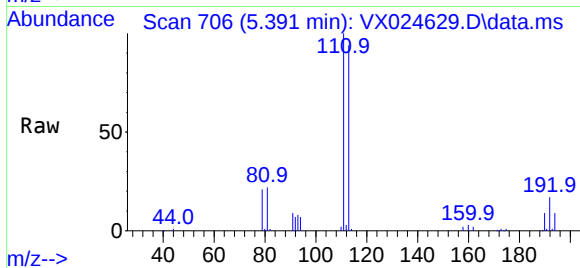




#35
Dibromofluoromethane
Concen: 50.89 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024629.D
Acq: 06 Oct 2021 19:42

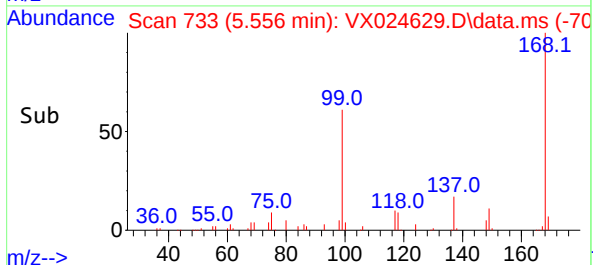
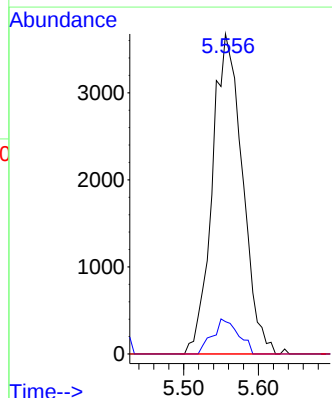
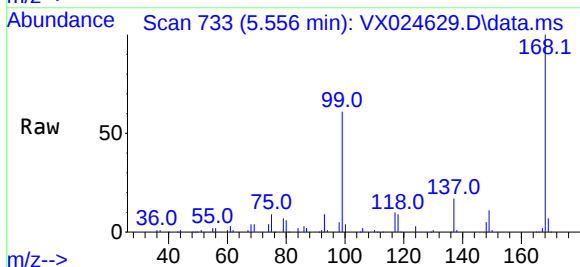
Instrument :
MSVOA_X
ClientSampled :

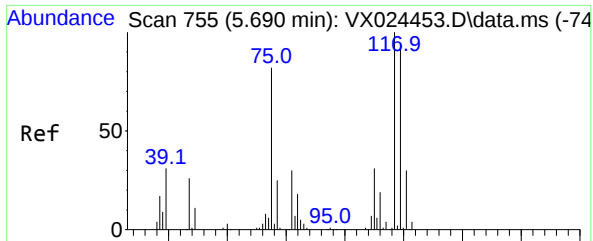
Tgt Ion:113 Resp: 74013
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 20.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.92 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024629.D
Acq: 06 Oct 2021 19:42

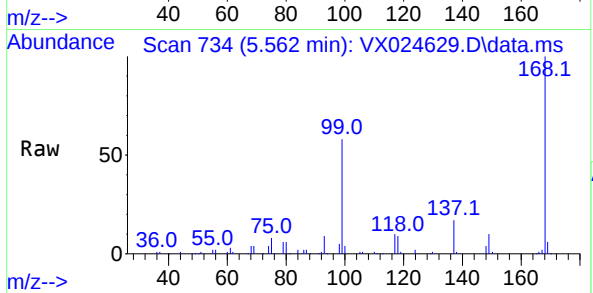
Tgt Ion: 75 Resp: 10319
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#



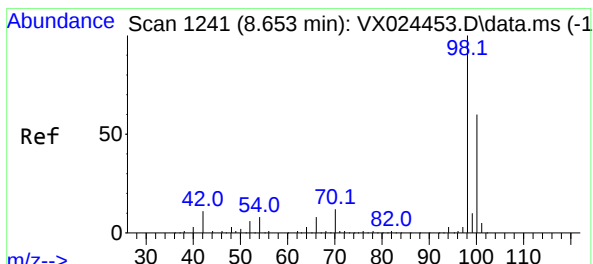
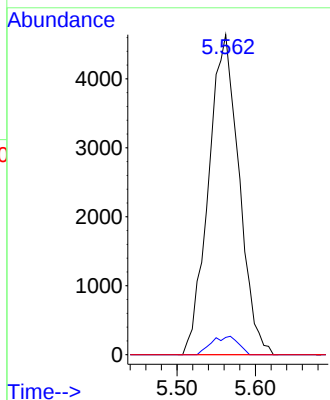
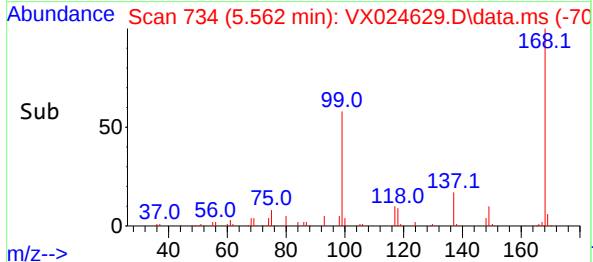


#38
Carbon Tetrachloride
Concen: 5.50 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024629.D
Acq: 06 Oct 2021 19:42

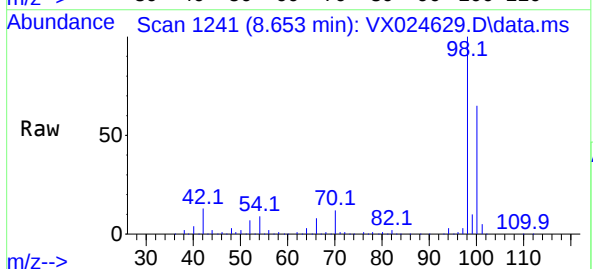
Instrument :
MSVOA_X
ClientSampled :



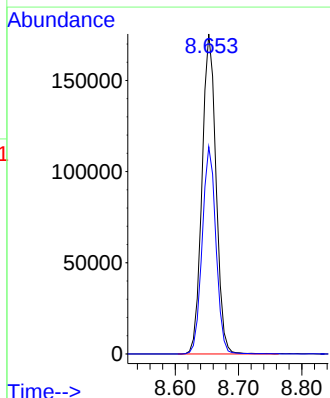
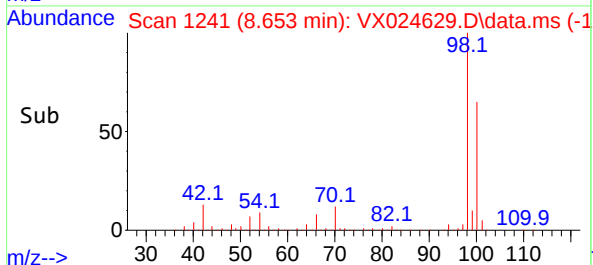
Tgt Ion:117 Resp: 12572
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

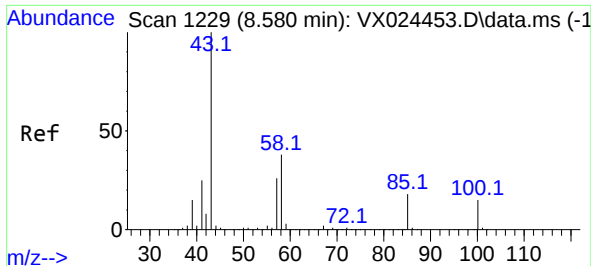


#50
Toluene-d8
Concen: 50.56 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024629.D
Acq: 06 Oct 2021 19:42



Tgt Ion: 98 Resp: 270654
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

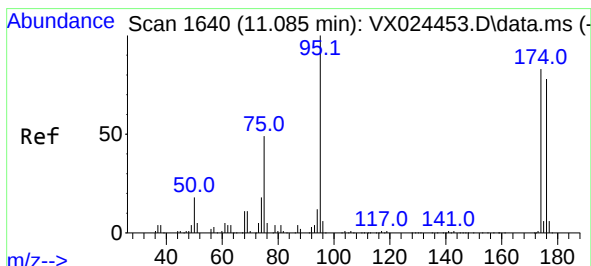
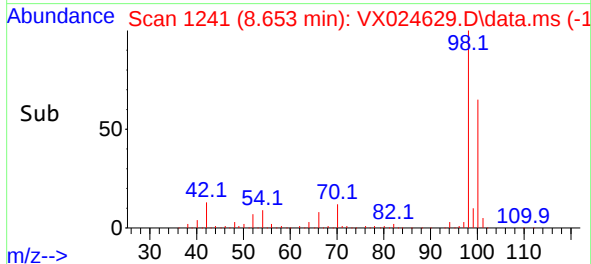
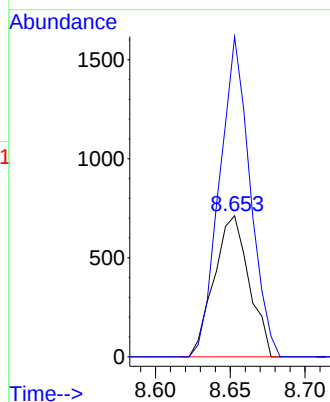
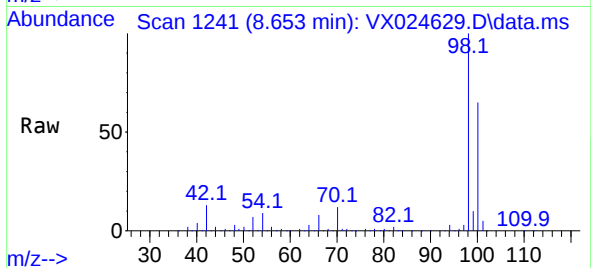




#51
4-Methyl-2-Pentanone
Concen: 0.44 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024629.D
Acq: 06 Oct 2021 19:42

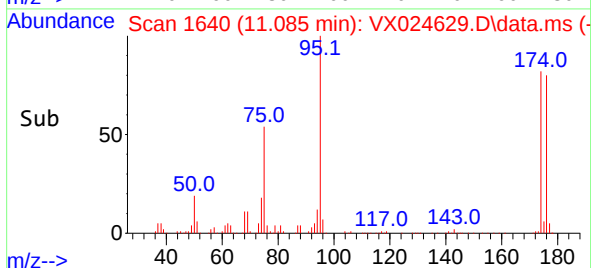
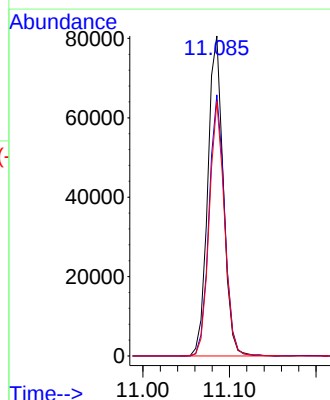
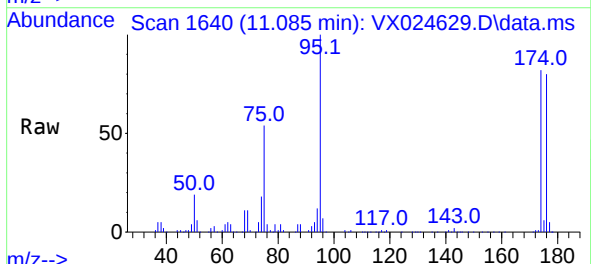
Instrument :
MSVOA_X
ClientSampled :

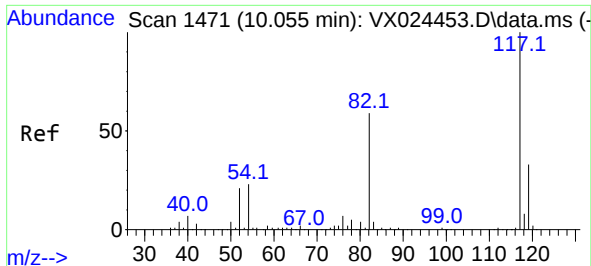
Tgt Ion: 43 Resp: 1154
Ion Ratio Lower Upper
43 100
58 199.2 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 47.55 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024629.D
Acq: 06 Oct 2021 19:42

Tgt Ion: 95 Resp: 100077
Ion Ratio Lower Upper
95 100
174 81.7 0.0 154.6
176 77.8 0.0 155.8

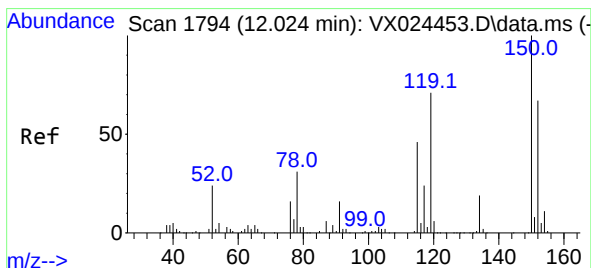
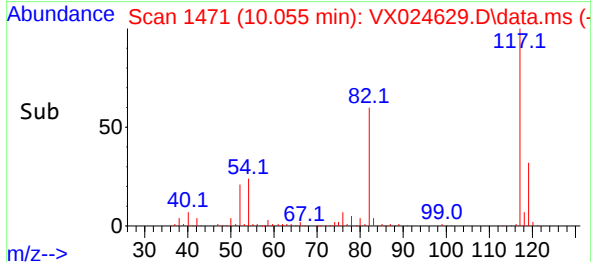
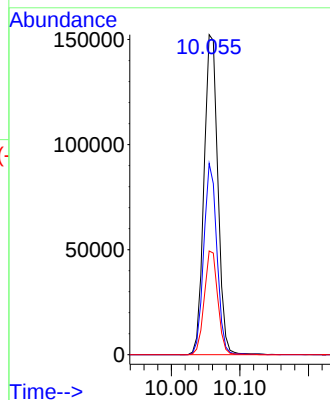
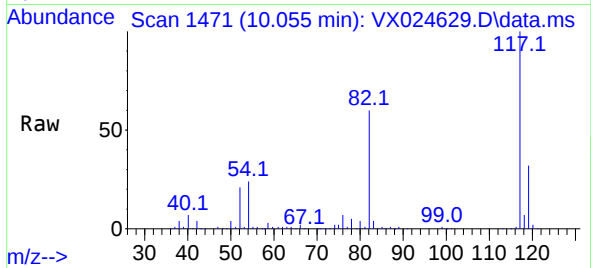




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024629.D
Acq: 06 Oct 2021 19:42

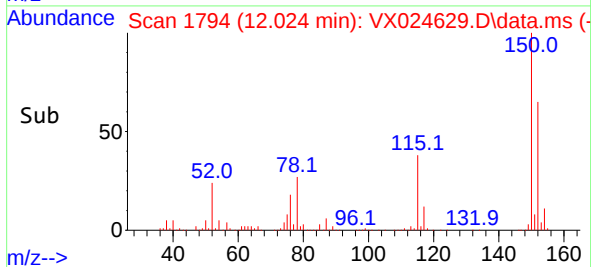
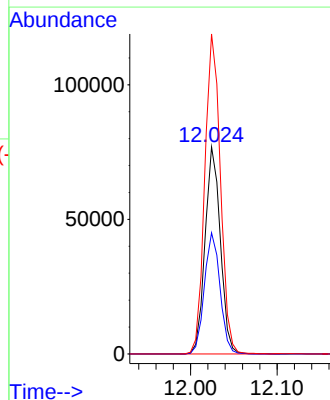
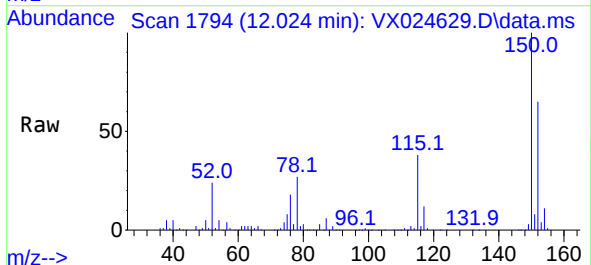
Instrument :
MSVOA_X
ClientSampled :

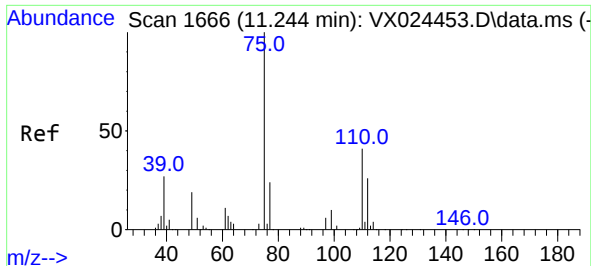
Tgt Ion:117 Resp: 214106
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024629.D
Acq: 06 Oct 2021 19:42

Tgt Ion:152 Resp: 94378
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 157.6 0.0 349.0

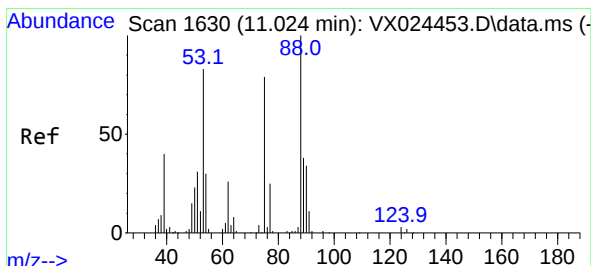
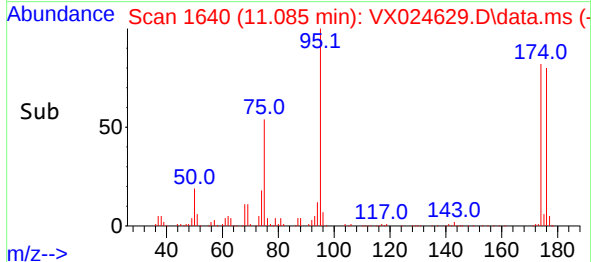
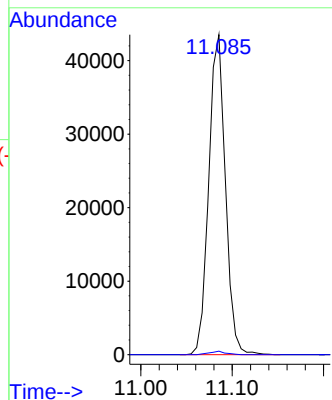
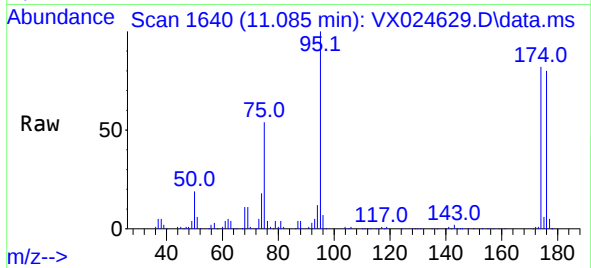




#76
1,2,3-Trichloropropane
Concen: 25.60 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024629.D
Acq: 06 Oct 2021 19:42

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 54878
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.78 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024629.D
Acq: 06 Oct 2021 19:42

Tgt Ion: 75 Resp: 54878
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

