

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
 Data File : VX024718.D
 Acq On : 11 Oct 2021 17:38
 Operator : JC/MD
 Sample : M4144-03 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 11 18:11:01 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

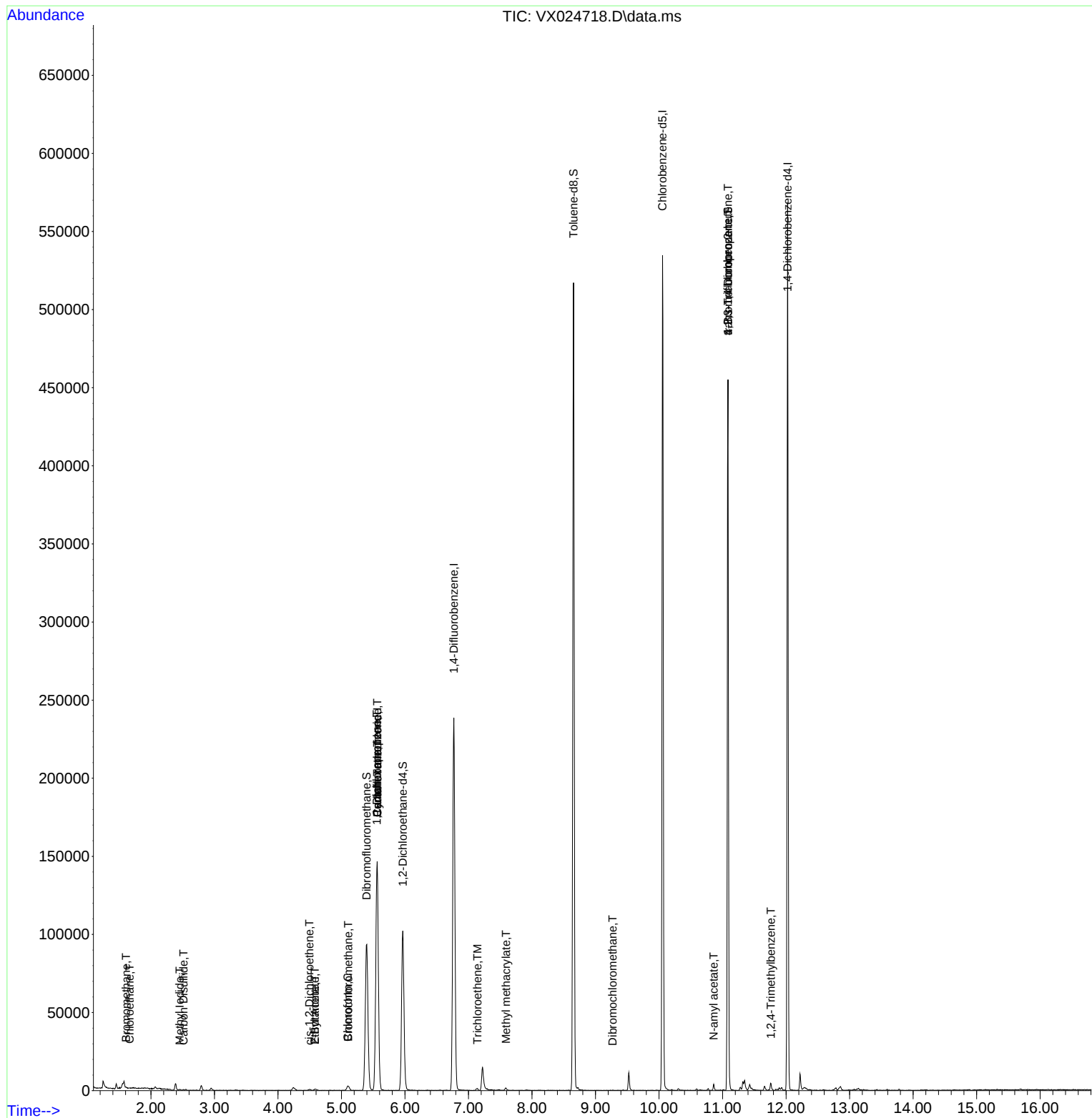
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	137471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	238669	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102961	53.142	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.280%	
35) Dibromofluoromethane	5.397	113	79689	50.260	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.520%	
50) Toluene-d8	8.653	98	294454	50.458	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.920%	
62) 4-Bromofluorobenzene	11.085	95	115019	50.129	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.260%	
Target Compounds						Qvalue
5) Bromomethane	1.605	94	278	0.303	ug/l #	70
6) Chloroethane	1.666	64	99	0.367	ug/l #	43
10) Methyl Iodide	2.453	142	522	0.275	ug/l #	82
11) Tert butyl alcohol	2.953	59	787	Below Cal	#	73
16) Acetone	2.386	43	4508	Below Cal	#	85
17) Carbon Disulfide	2.514	76	436	0.361	ug/l #	75
20) Methylene Chloride	2.788	84	1285	Below Cal	#	80
25) 2-Butanone	4.580	43	834	0.625	ug/l #	74
27) cis-1,2-Dichloroethene	4.495	96	413	0.247	ug/l	92
28) Bromochloromethane	5.105	49	280	0.236	ug/l #	9
30) Chloroform	5.099	83	3370	1.168	ug/l	93
31) Cyclohexane	5.562	56	2955	1.274	ug/l #	34
36) 1,1-Dichloropropene	5.556	75	11106	4.854	ug/l #	49
37) Ethyl Acetate	4.580	43	834	0.292	ug/l #	64
38) Carbon Tetrachloride	5.562	117	14343	5.759	ug/l #	17
44) Trichloroethene	7.141	130	465	0.258	ug/l	87
48) Methyl methacrylate	7.592	41	621	0.289	ug/l #	36
60) Dibromochloromethane	9.269	129	86	1.230	ug/l #	11
74) N-amyl acetate	10.860	43	892	0.253	ug/l #	69
76) 1,2,3-Trichloropropane	11.085	75	61026	24.769	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	61026	67.563	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.762	105	1583	0.243	ug/l #	38

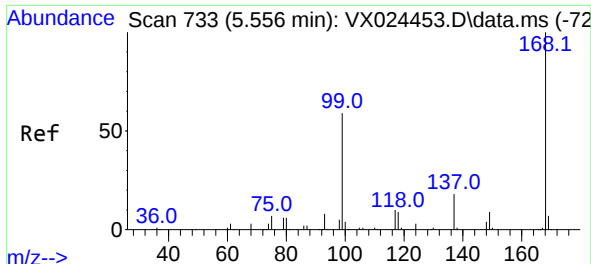
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 11 18:11:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

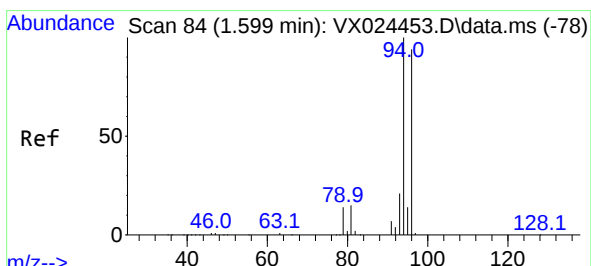
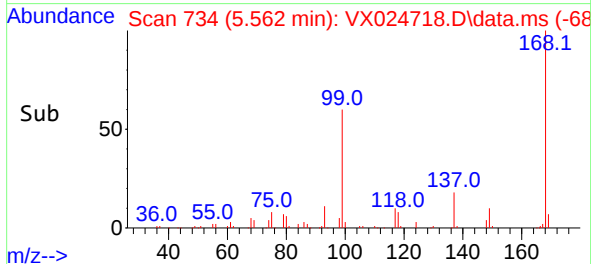
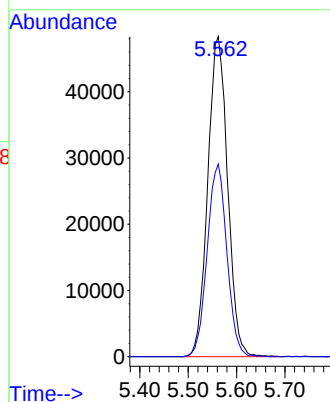
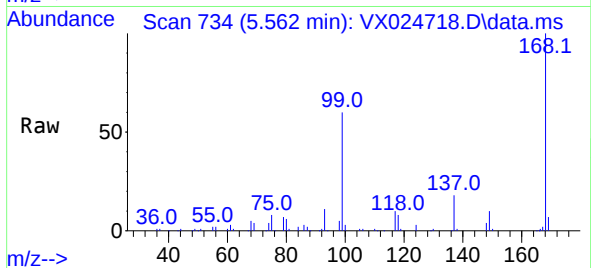




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

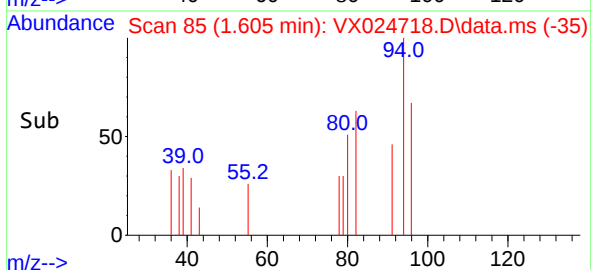
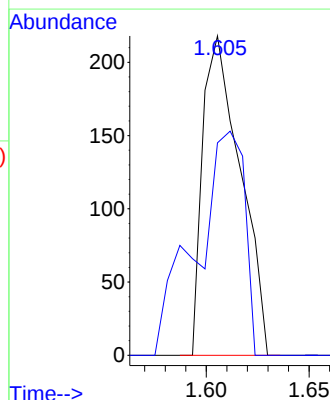
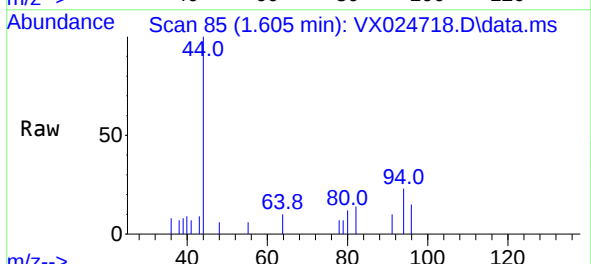
Instrument :
MSVOA_X
ClientSampled :

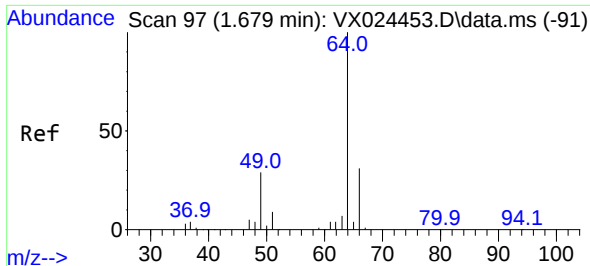
Tgt Ion:168 Resp: 137471
Ion Ratio Lower Upper
168 100
99 60.2 45.8 68.6



#5
Bromomethane
Concen: 0.303 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

Tgt Ion: 94 Resp: 278
Ion Ratio Lower Upper
94 100
96 66.5 76.4 114.6#

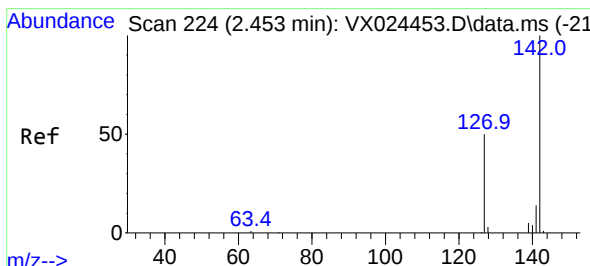
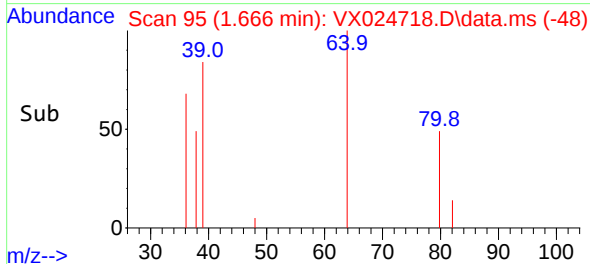
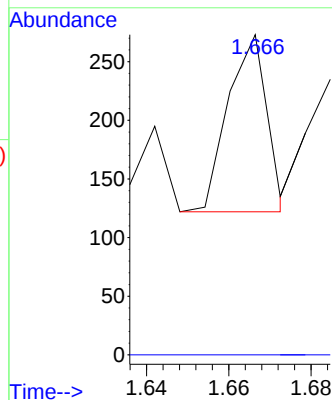
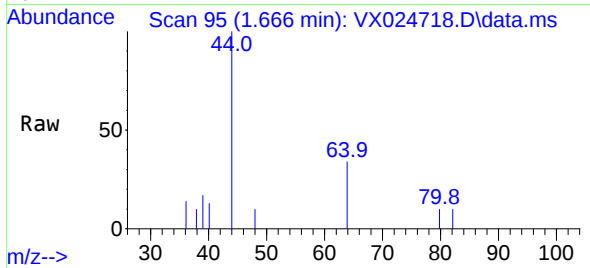




#6
Chloroethane
Concen: 0.367 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

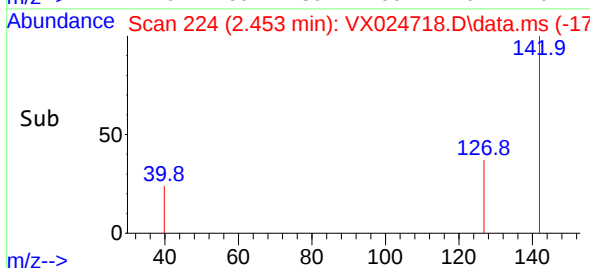
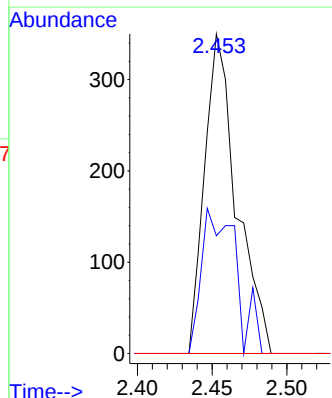
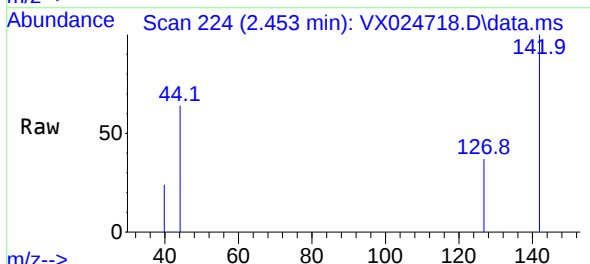
Instrument :
MSVOA_X
ClientSampled :

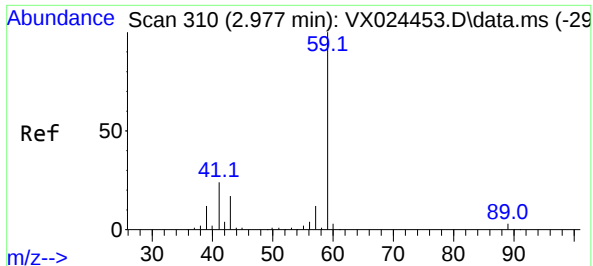
Tgt Ion: 64 Resp: 99
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.275 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

Tgt Ion: 142 Resp: 522
Ion Ratio Lower Upper
142 100
127 49.0 33.3 49.9
141 0.0 11.4 17.0#



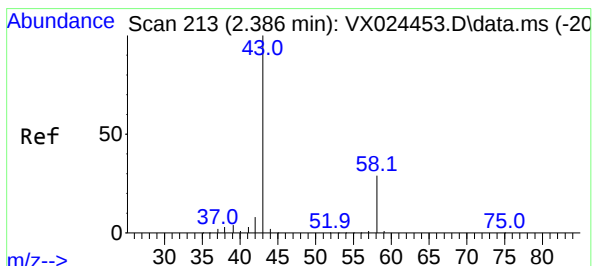
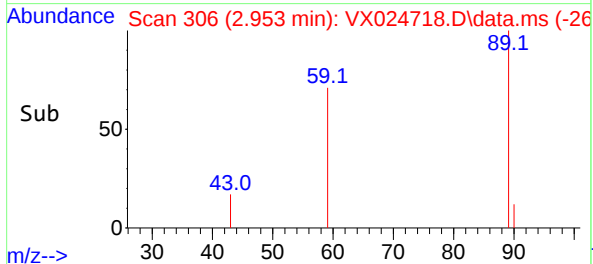
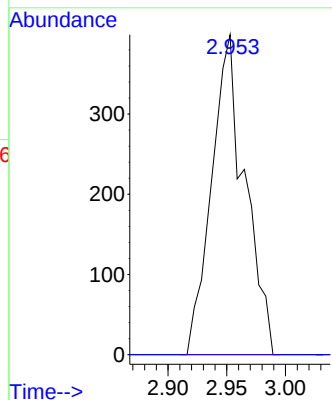
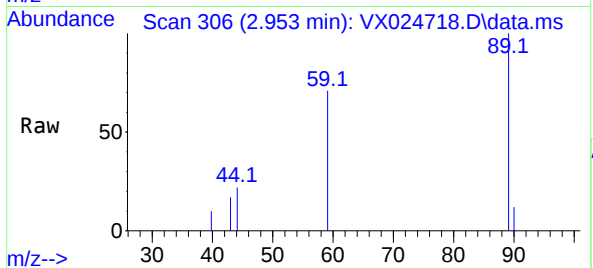


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

Instrument :
MSVOA_X
ClientSampled :

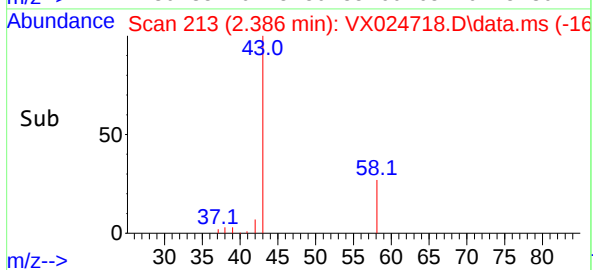
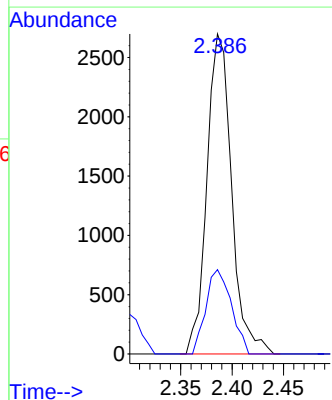
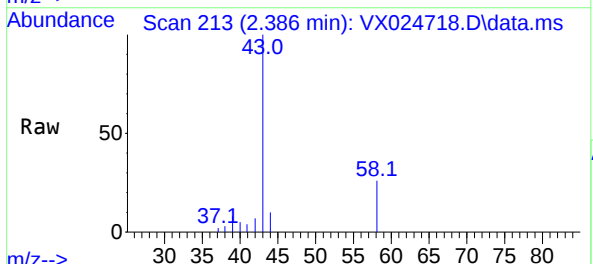
Tgt Ion: 59 Resp: 787
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

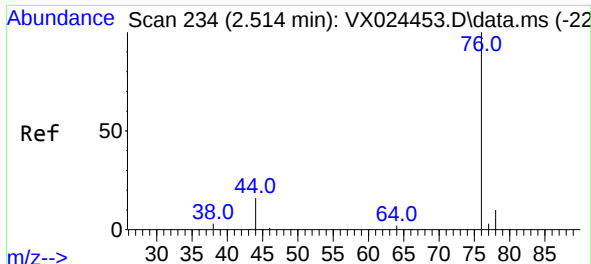


#16

Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

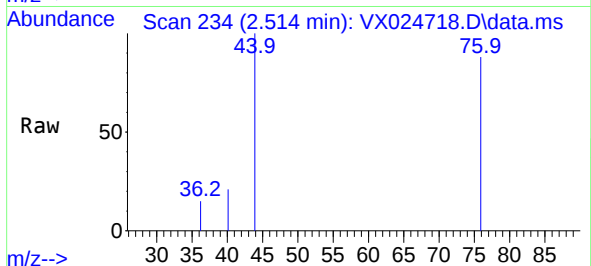
Tgt Ion: 43 Resp: 4508
Ion Ratio Lower Upper
43 100
58 26.3 27.8 41.8#



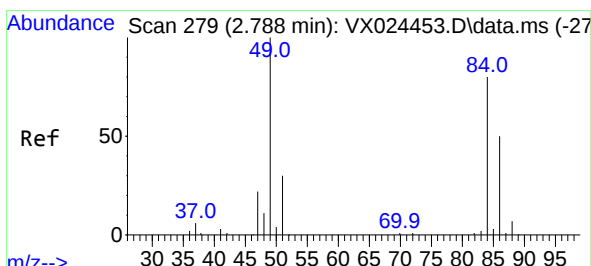
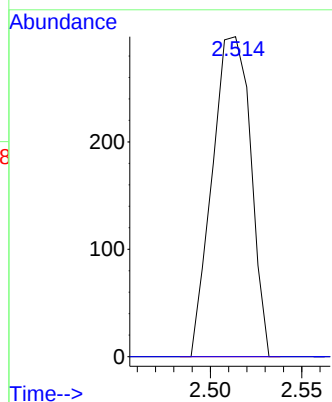
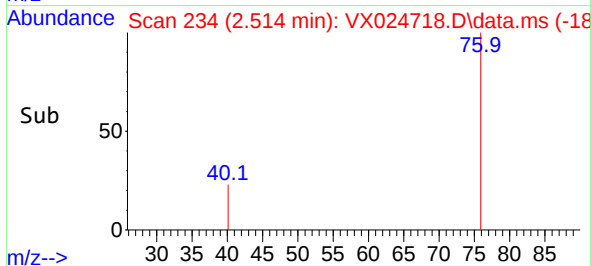


#17
Carbon Disulfide
Concen: 0.361 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

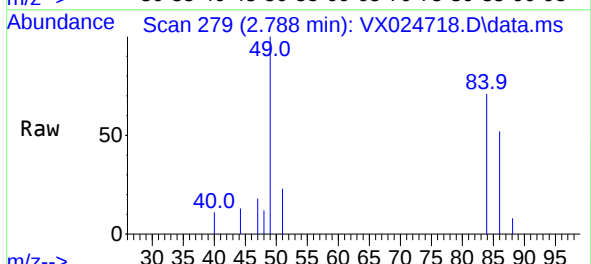
Instrument :
MSVOA_X
ClientSampled :



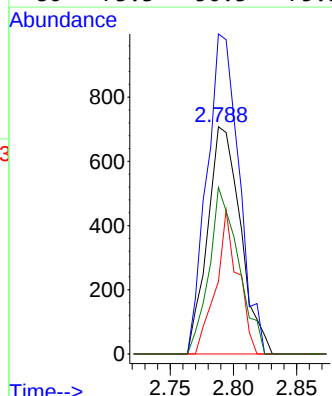
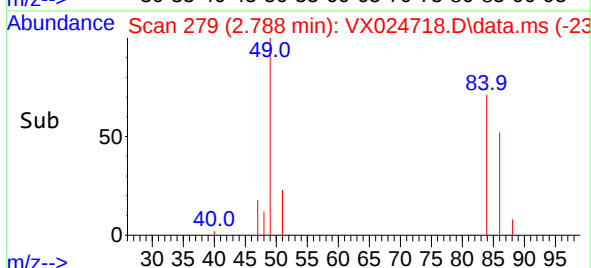
Tgt Ion: 76 Resp: 436
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

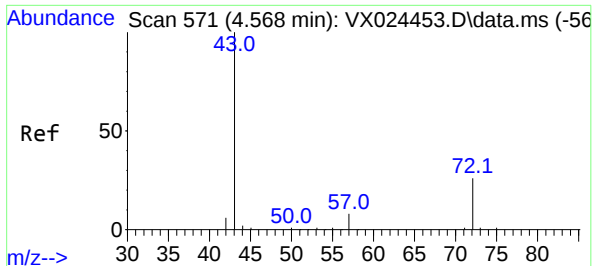


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38



Tgt Ion: 84 Resp: 1285
Ion Ratio Lower Upper
84 100
49 140.8 88.6 132.8#
51 31.9 27.0 40.6
86 73.3 50.3 75.5

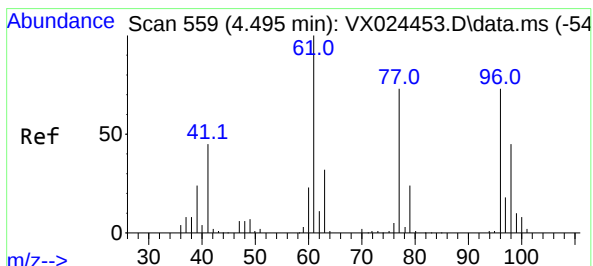
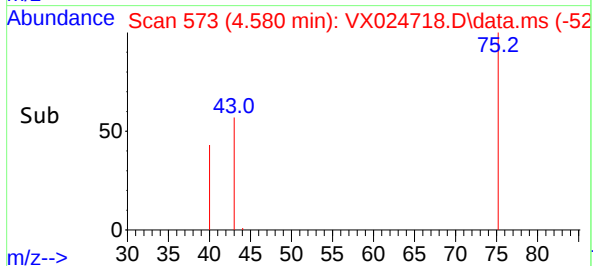
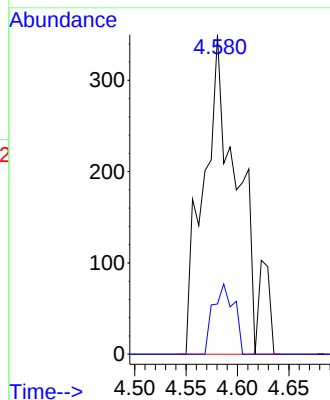
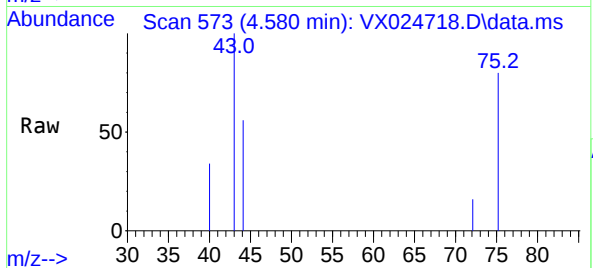




#25
2-Butanone
Concen: 0.625 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

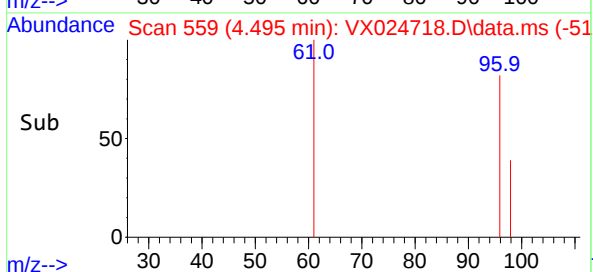
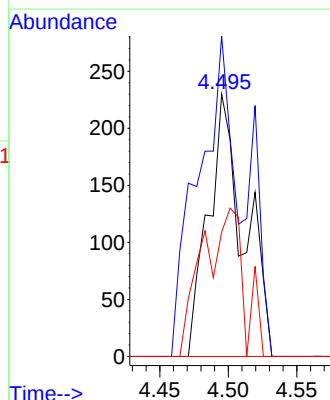
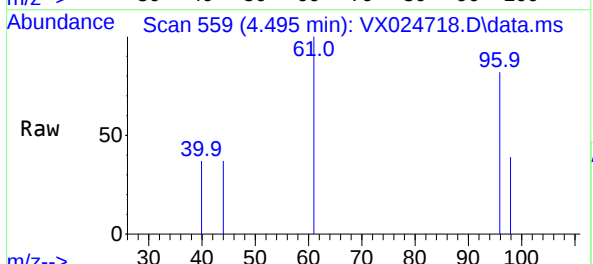
Instrument :
MSVOA_X
ClientSampled :

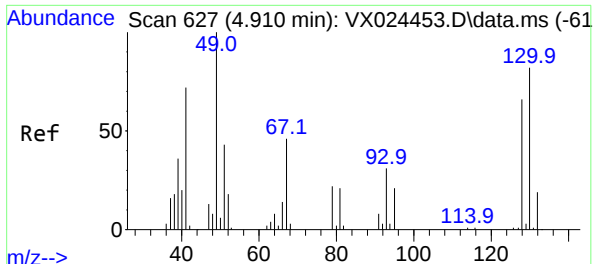
Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
72 15.7 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 0.247 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

Tgt Ion: 96 Resp: 413
Ion Ratio Lower Upper
96 100
61 155.4 0.0 285.6
98 66.6 0.0 129.6

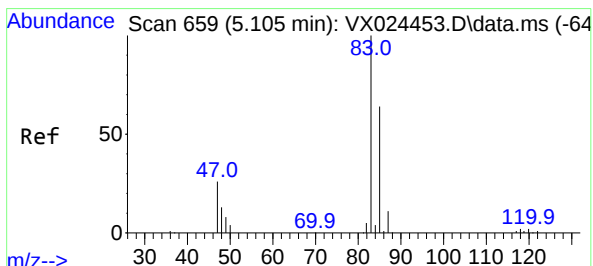
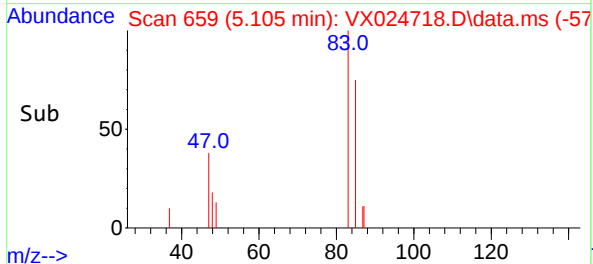
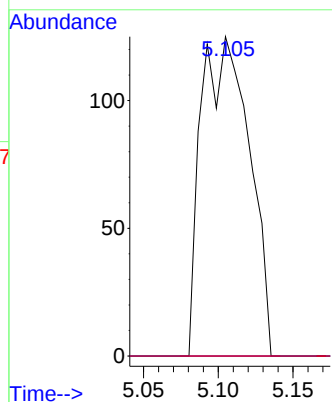
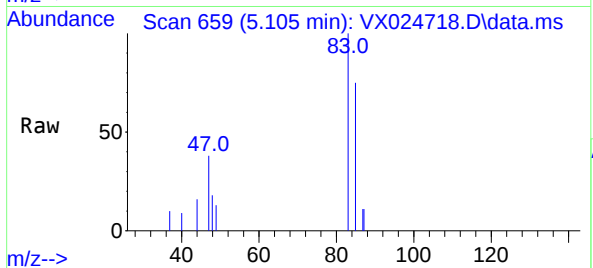




#28
Bromochloromethane
Concen: 0.236 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.195 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

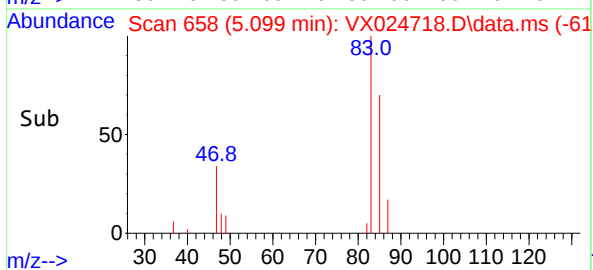
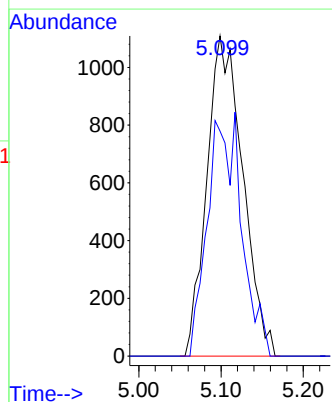
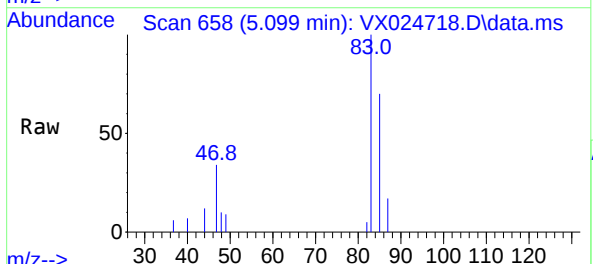
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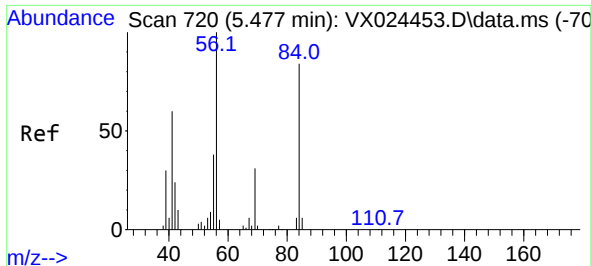
Tgt Ion: 49 Resp: 280
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#30
Chloroform
Concen: 1.168 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

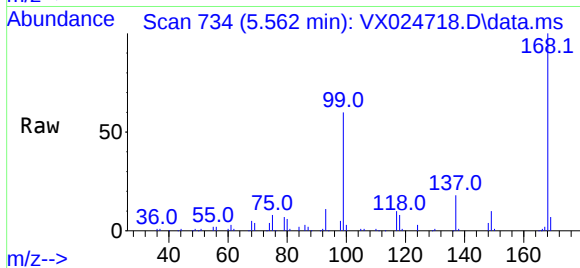
Tgt Ion: 83 Resp: 3370
Ion Ratio Lower Upper
83 100
85 70.2 52.0 78.0



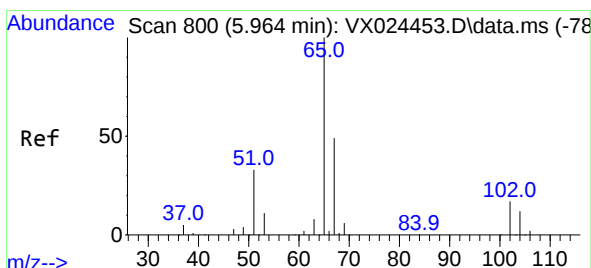
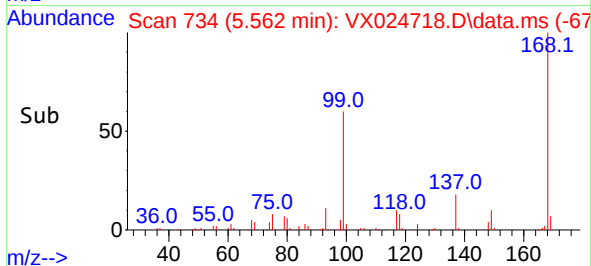
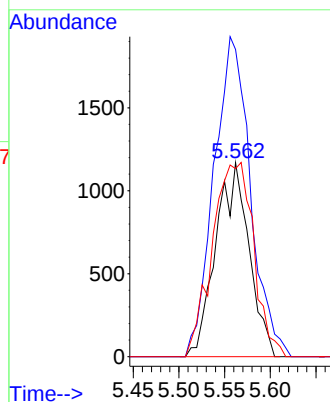


#31
Cyclohexane
Concen: 1.274 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

Instrument :
MSVOA_X
ClientSampleId :

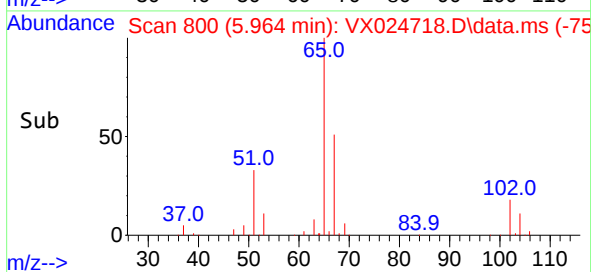
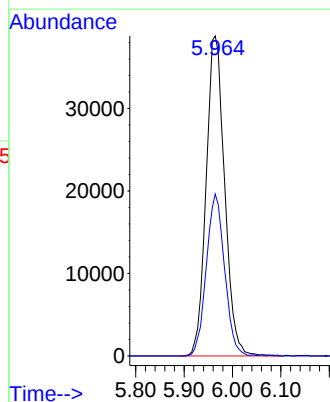
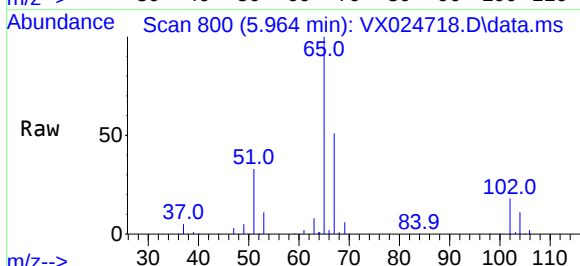


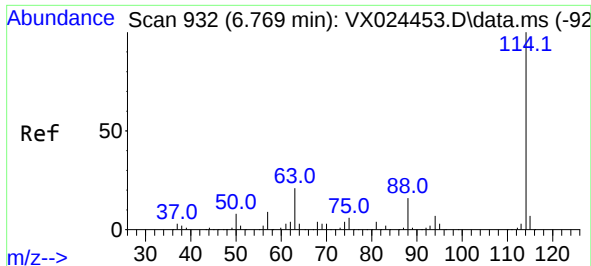
Tgt Ion: 56 Resp: 2955
Ion Ratio Lower Upper
56 100
69 158.3 25.3 37.9#
84 96.8 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 53.142 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

Tgt Ion: 65 Resp: 102961
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

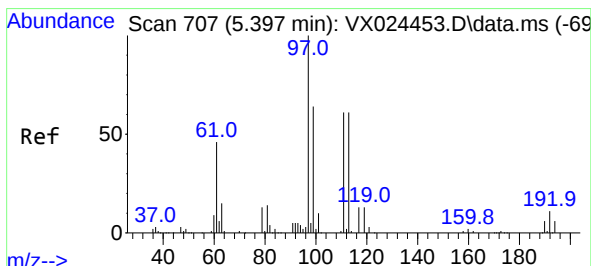
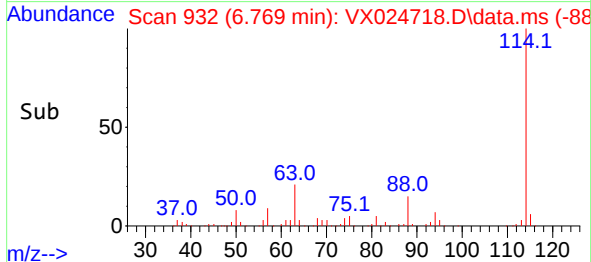
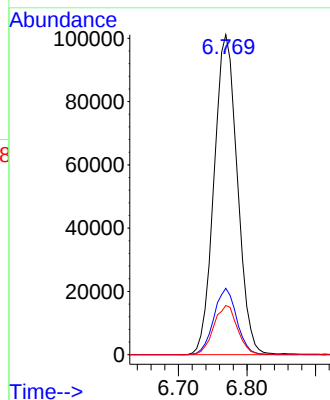
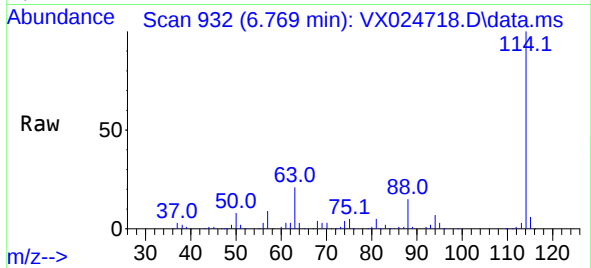




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

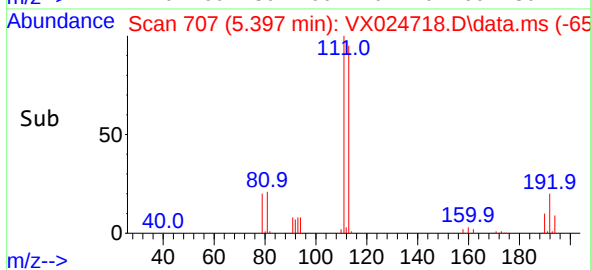
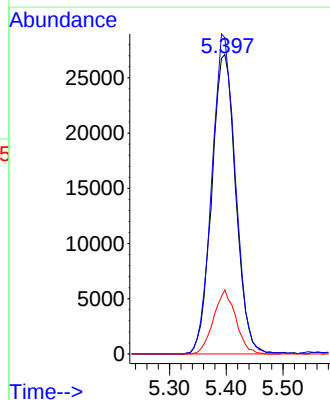
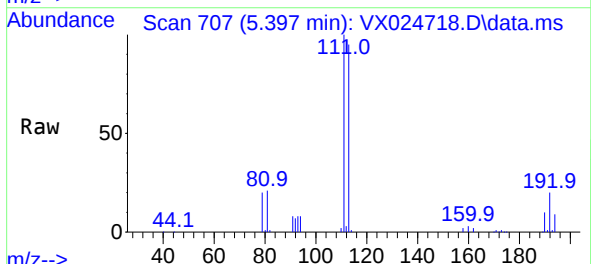
Instrument :
MSVOA_X
ClientSampleId :

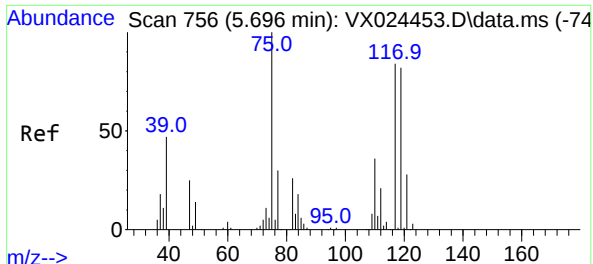
Tgt Ion:114 Resp: 238669
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.260 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

Tgt Ion:113 Resp: 79689
Ion Ratio Lower Upper
113 100
111 104.8 81.9 122.9
192 19.8 16.7 25.1

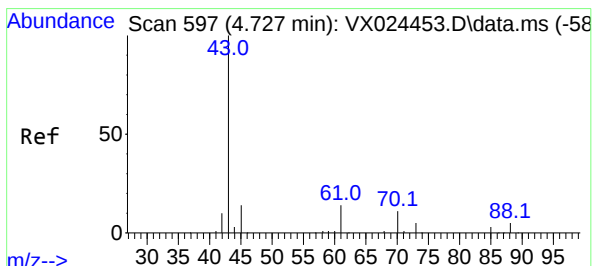
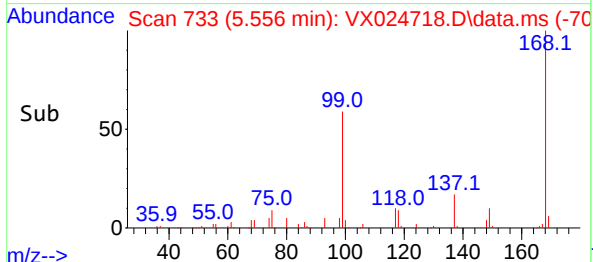
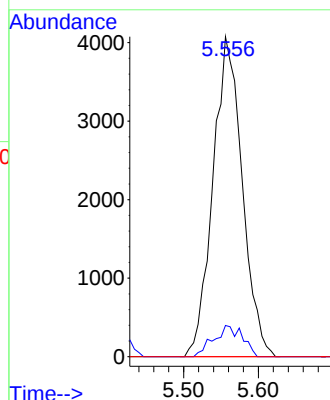
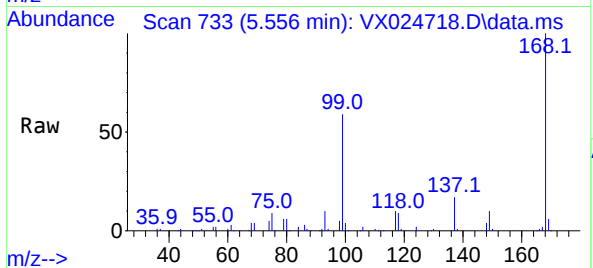




#36
1,1-Dichloropropene
Concen: 4.854 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

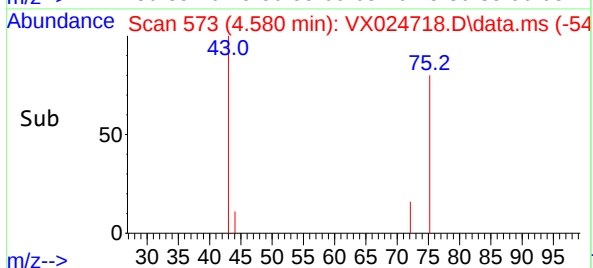
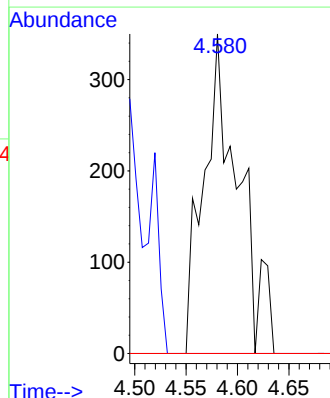
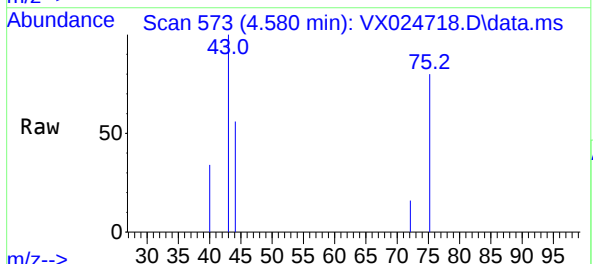
Instrument :
MSVOA_X
ClientSampleId :

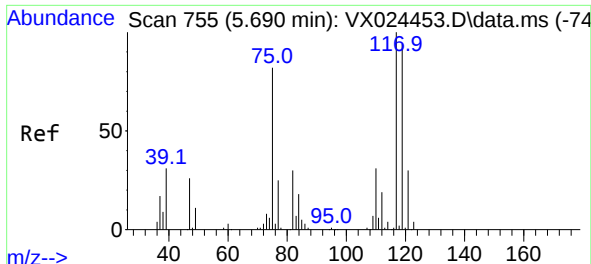
Tgt Ion: 75 Resp: 11106
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 0.292 ug/l
RT: 4.580 min Scan# 573
Delta R.T. -0.147 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

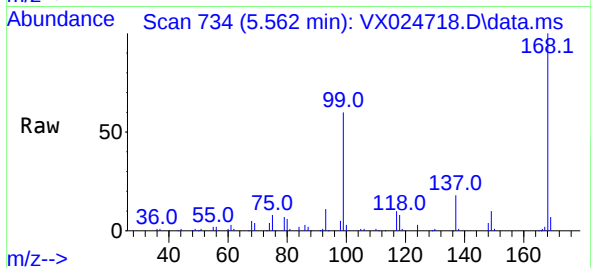
Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



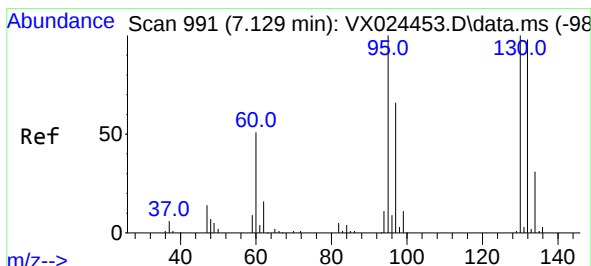
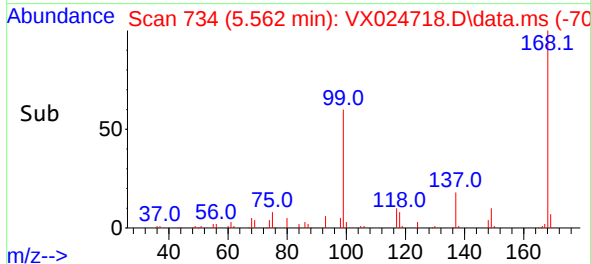
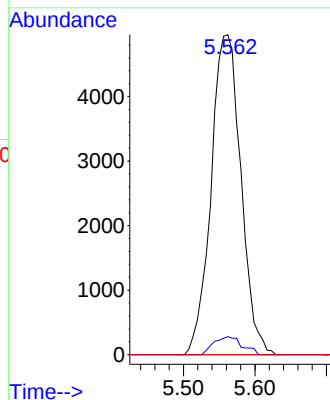


#38
Carbon Tetrachloride
Concen: 5.759 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

Instrument :
MSVOA_X
ClientSampled :

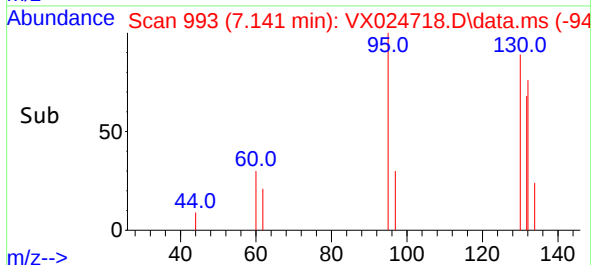
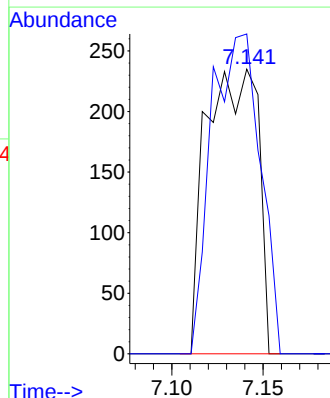
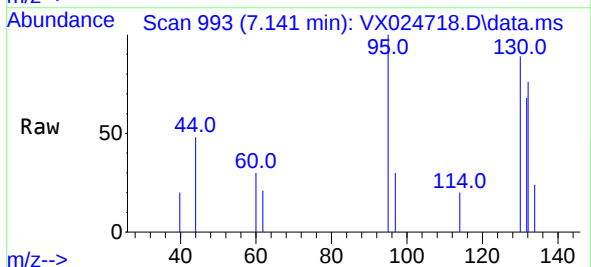


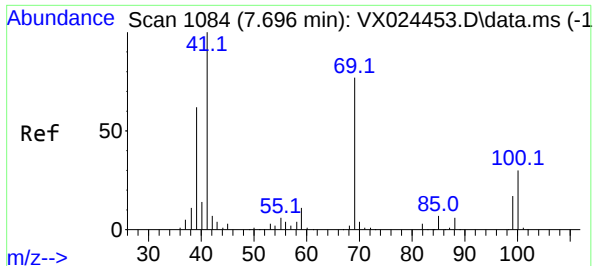
Tgt Ion:117 Resp: 14343
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.258 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

Tgt Ion:130 Resp: 465
Ion Ratio Lower Upper
130 100
95 112.3 0.0 198.0





#48

Methyl methacrylate

Concen: 0.289 ug/l

RT: 7.592 min Scan# 1067

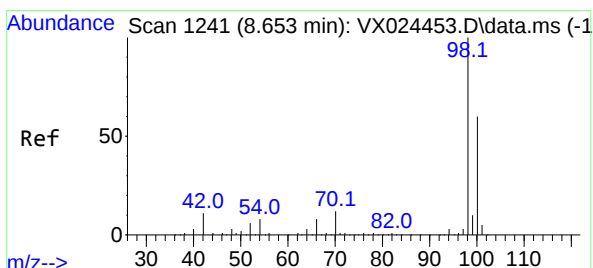
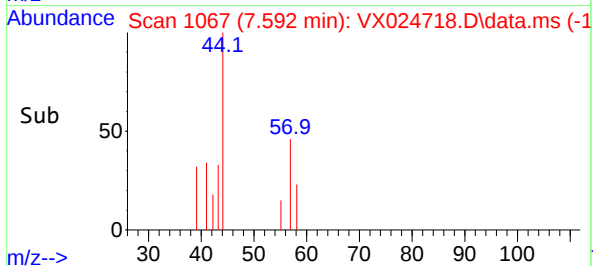
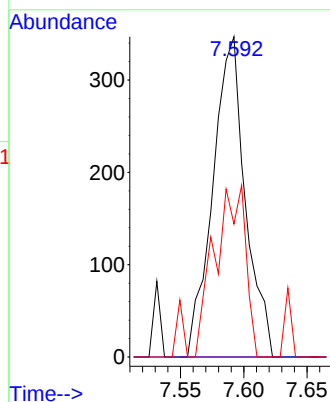
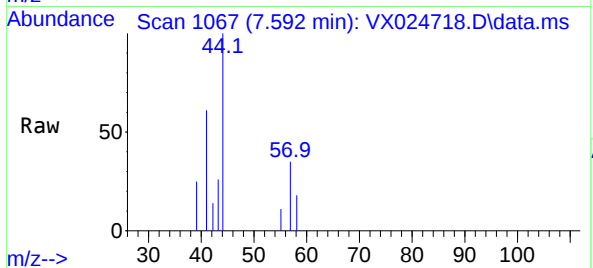
Delta R.T. -0.104 min

Lab File: VX024718.D

Acq: 11 Oct 2021 17:38

Tgt Ion:	41	Resp:	621
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	50.9	44.6	67.0

Instrument :
MSVOA_X
ClientSampleId :



#50

Toluene-d8

Concen: 50.458 ug/l

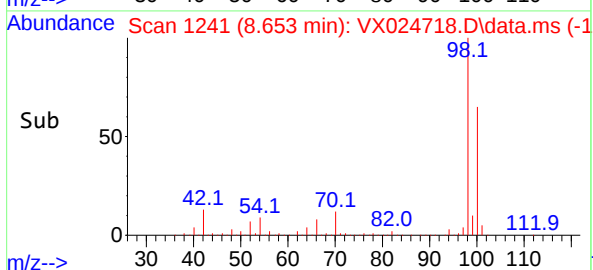
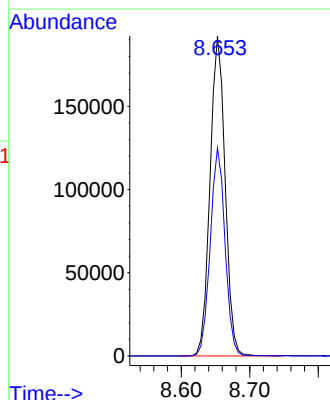
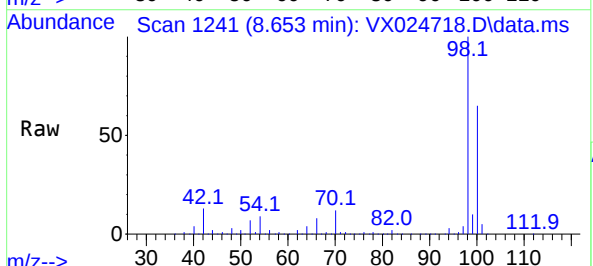
RT: 8.653 min Scan# 1241

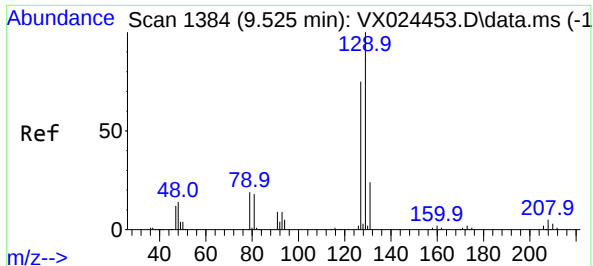
Delta R.T. -0.000 min

Lab File: VX024718.D

Acq: 11 Oct 2021 17:38

Tgt Ion:	98	Resp:	294454
Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.9	77.9





#60

Dibromochloromethane

Concen: 1.230 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.256 min

Lab File: VX024718.D

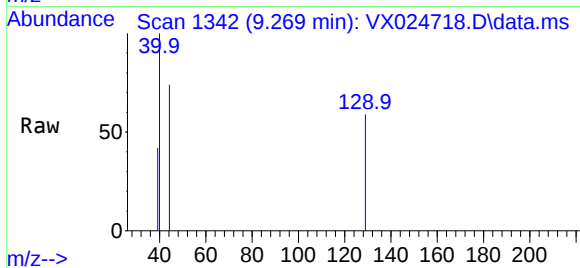
Acq: 11 Oct 2021 17:38

Tgt Ion:129 Resp: 86

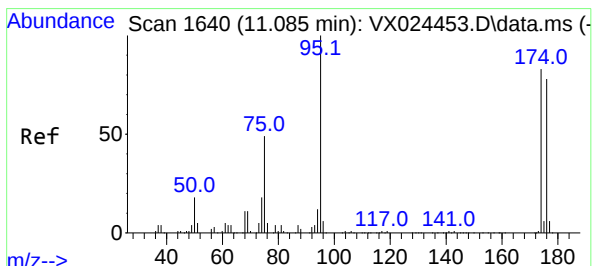
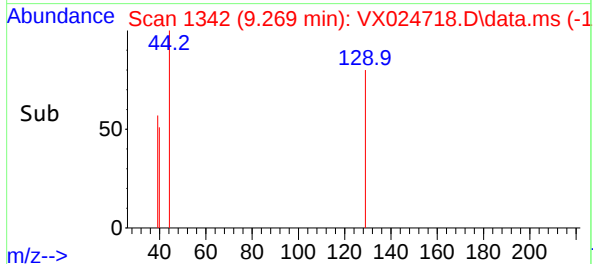
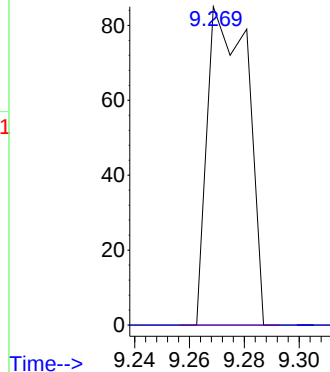
Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



Abundance



#62

4-Bromofluorobenzene

Concen: 50.129 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024718.D

Acq: 11 Oct 2021 17:38

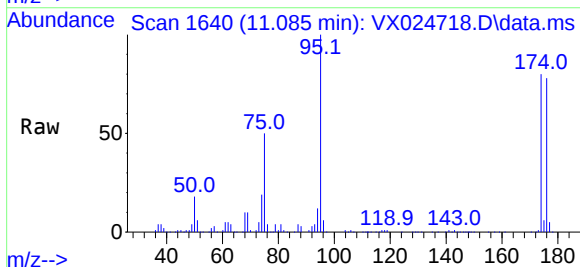
Tgt Ion: 95 Resp: 115019

Ion Ratio Lower Upper

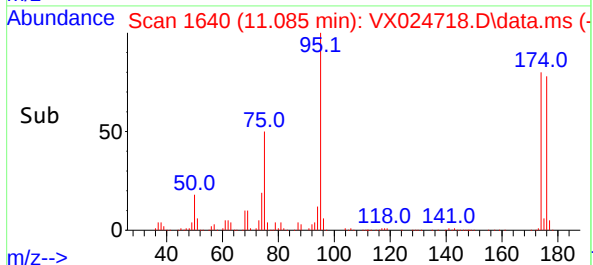
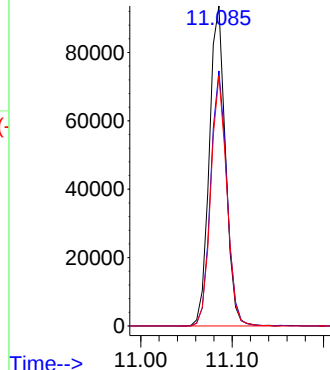
95 100

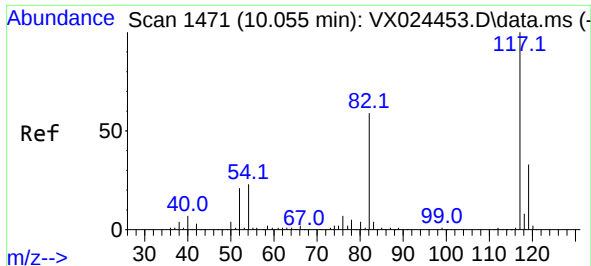
174 79.9 0.0 154.6

176 77.3 0.0 155.8



Abundance

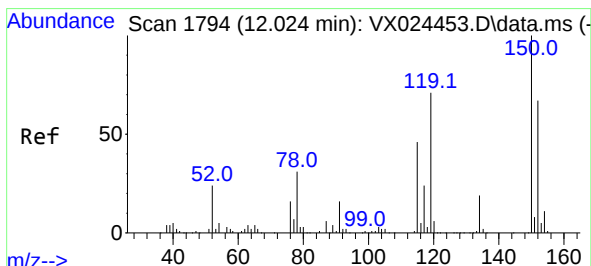
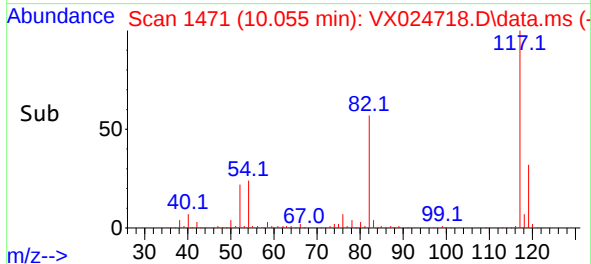
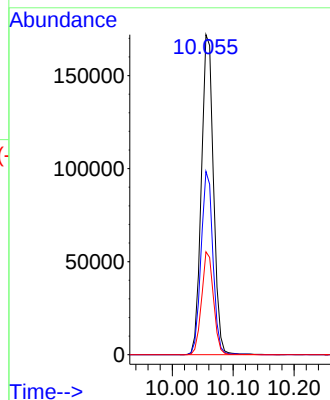
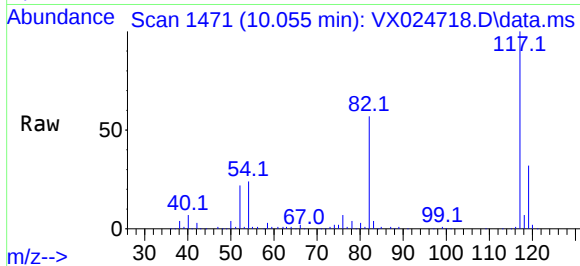




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

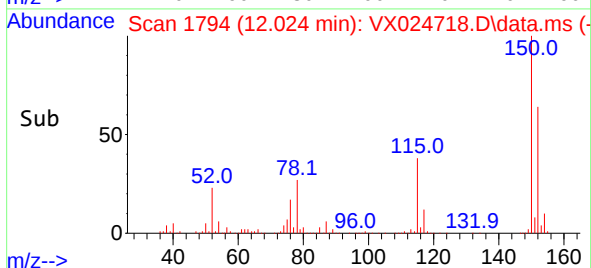
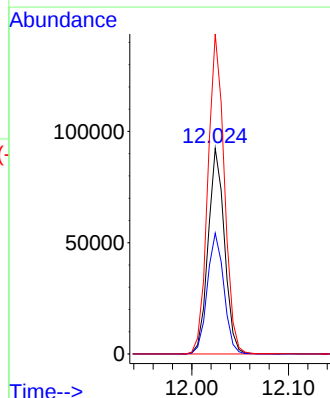
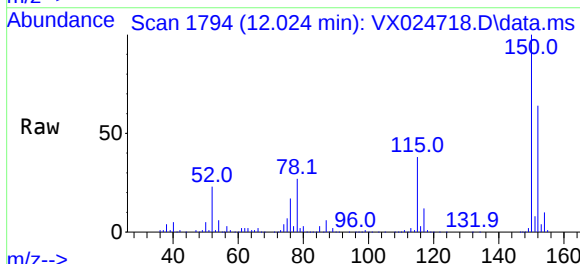
Instrument :
MSVOA_X
ClientSampled :

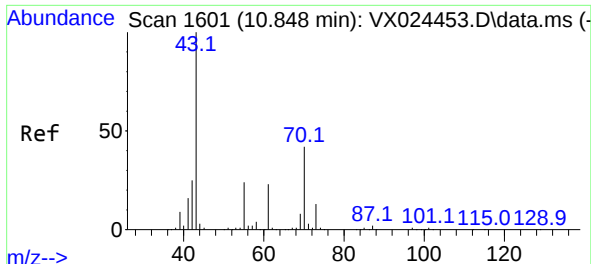
Tgt Ion:117 Resp: 238053
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

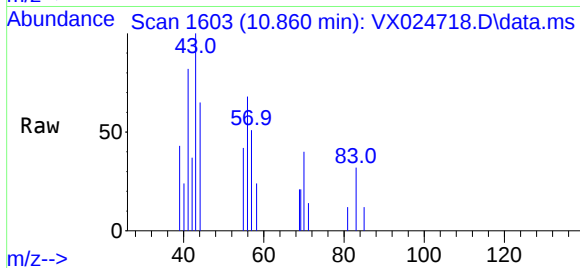
Tgt Ion:152 Resp: 108491
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 156.7 0.0 349.0





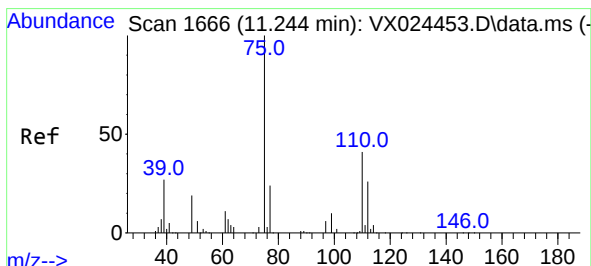
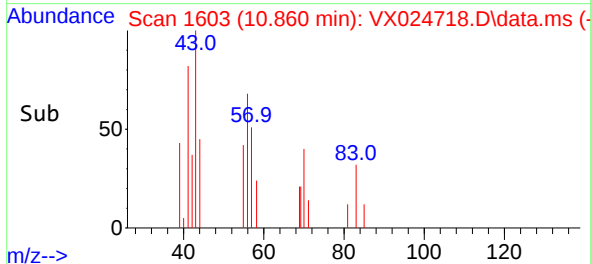
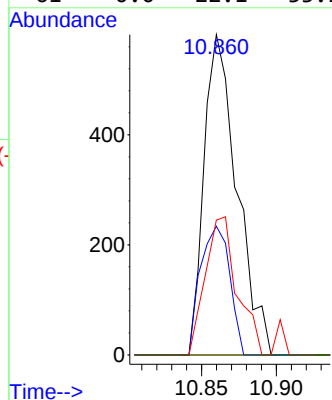
#74
N-amy1 acetate
Concen: 0.253 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.012 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 43 Resp: 892

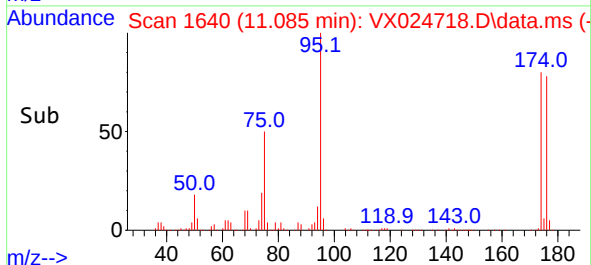
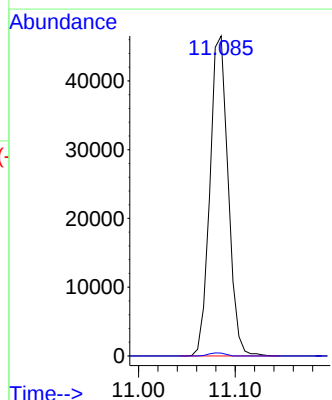
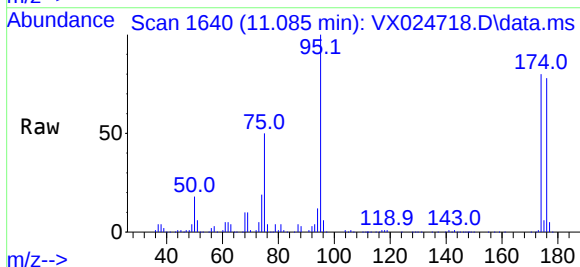
Ion	Ratio	Lower	Upper
43	100		
70	35.5	39.0	58.6#
55	41.6	21.5	32.3#
61	0.0	22.1	33.1#

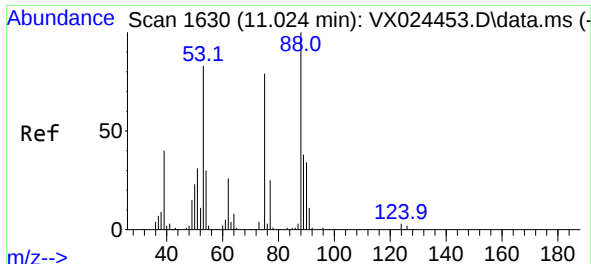


#76
1,2,3-Trichloropropane
Concen: 24.769 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

Tgt Ion: 75 Resp: 61026

Ion	Ratio	Lower	Upper
75	100		
77	0.9	19.1	57.5#

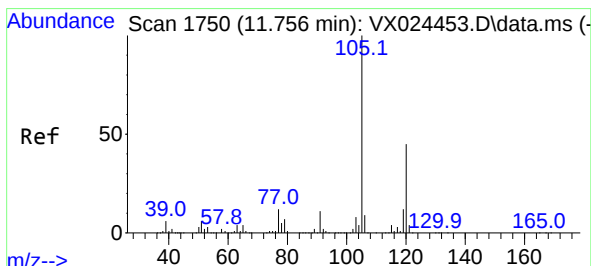
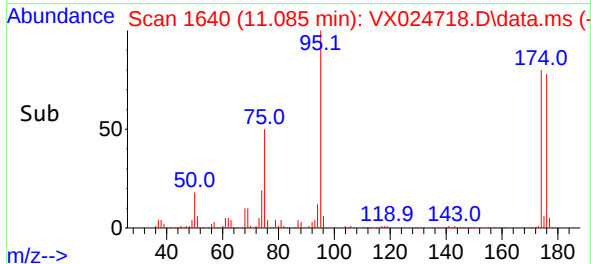
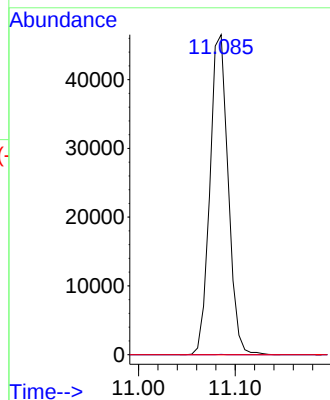
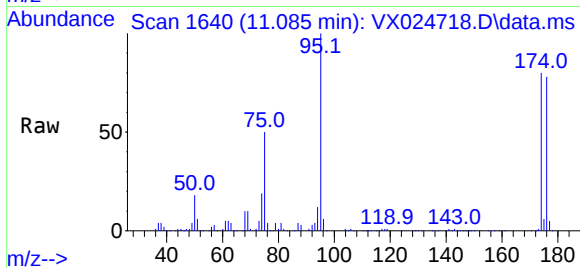




#81
trans-1,4-Dichloro-2-butene
Concen: 67.563 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 61026
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.243 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

Tgt Ion:105 Resp: 1583
Ion Ratio Lower Upper
105 100
120 4.4 22.4 67.3#

