

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100121\
 Data File : VX024506.D
 Acq On : 01 Oct 2021 17:21
 Operator : JC/MD
 Sample : M3975-09
 Misc : 13.78g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 02 04:08:56 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)

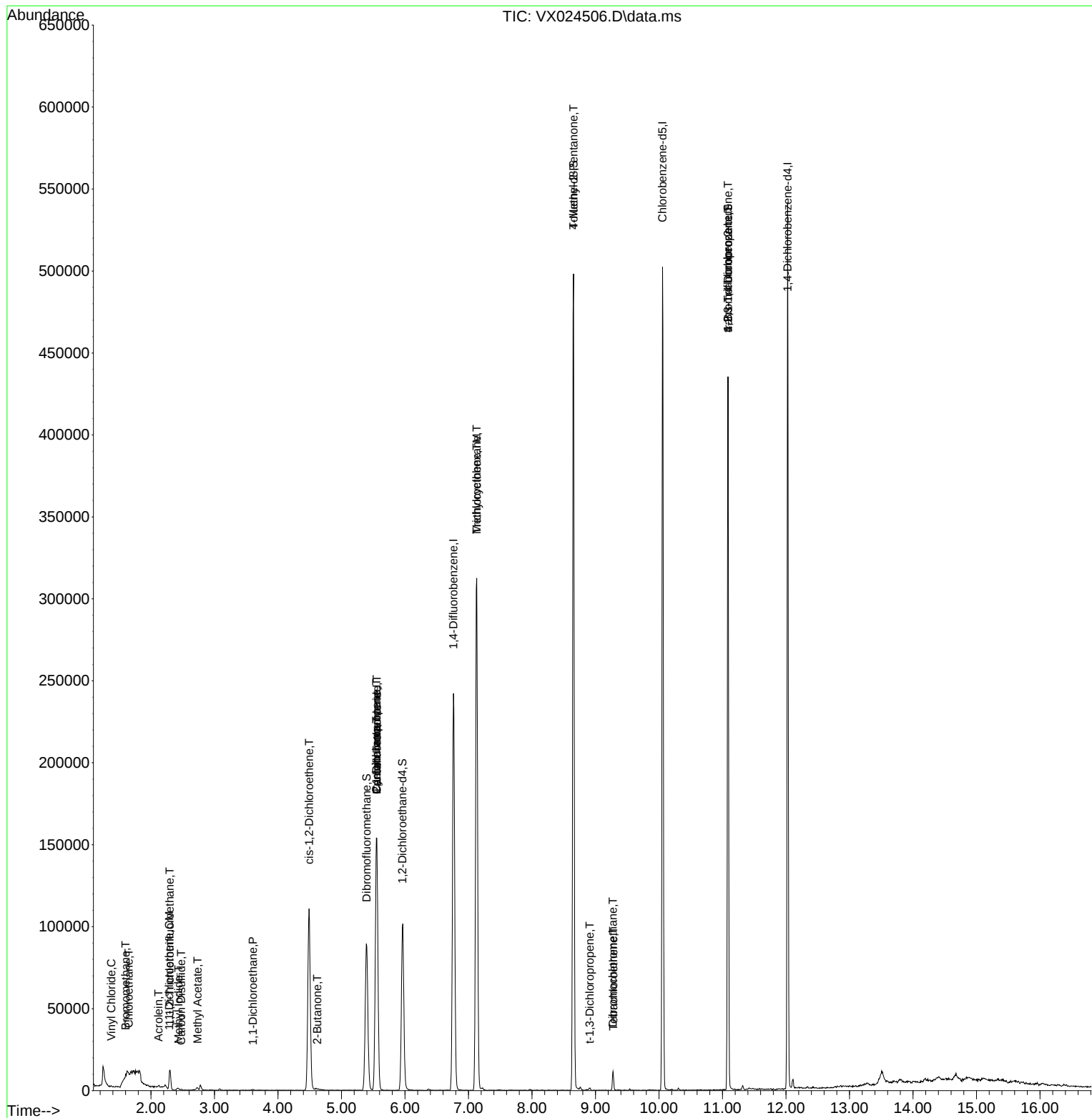
Internal Standards						
1) Pentafluorobenzene	5.556	168	145399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103234	50.377	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.760%			
35) Dibromofluoromethane	5.397	113	77141	47.392	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.780%			
50) Toluene-d8	8.653	98	296387	49.473	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.940%			
62) 4-Bromofluorobenzene	11.085	95	112478	47.751	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.500%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	367	0.254	ug/l #	69
5) Bromomethane	1.599	94	447	0.460	ug/l #	75
6) Chloroethane	1.648	64	314	0.583	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.294	101	4244	2.956	ug/l	93
10) Methyl Iodide	2.435	142	777	0.387	ug/l #	85
11) Tert butyl alcohol	2.953	59	195	Below Cal	#	73
12) 1,1-Dichloroethene	2.288	96	527	0.395	ug/l #	66
13) Acrolein	2.118	56	41	10.413	ug/l #	14
16) Acetone	2.416	43	1075	Below Cal	#	64
17) Carbon Disulfide	2.477	76	371	0.335	ug/l #	75
18) Methyl Acetate	2.733	43	2152	0.701	ug/l	96
20) Methylene Chloride	2.782	84	1335	Below Cal		91
24) 1,1-Dichloroethane	3.605	63	747	0.270	ug/l #	81
25) 2-Butanone	4.617	43	2140	1.516	ug/l #	78
27) cis-1,2-Dichloroethene	4.489	96	69413	39.239	ug/l	91
31) Cyclohexane	5.550	56	3445	1.404	ug/l #	26
36) 1,1-Dichloropropene	5.550	75	11341	4.828	ug/l #	46
38) Carbon Tetrachloride	5.556	117	15285	5.978	ug/l #	17
39) Methylcyclohexane	7.129	83	1524	0.554	ug/l #	1
44) Trichloroethene	7.129	130	121917	65.973	ug/l	100
51) 4-Methyl-2-Pentanone	8.653	43	1414	0.480	ug/l #	1
53) t-1,3-Dichloropropene	8.909	75	620	0.230	ug/l #	44
60) Dibromochloromethane	9.275	129	2079	2.184	ug/l #	11
64) Tetrachloroethene	9.281	164	1892	1.203	ug/l	92
76) 1,2,3-Trichloropropane	11.085	75	59225	24.823	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	59225	67.705	ug/l #	12

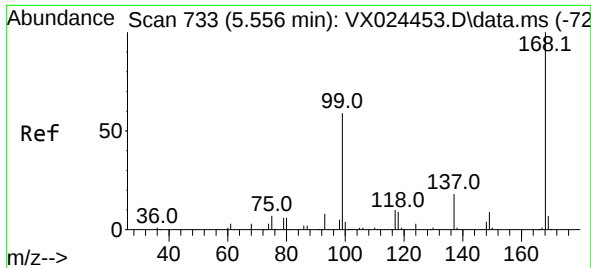
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100121\
Data File : VX024506.D
Acq On : 01 Oct 2021 17:21
Operator : JC/MD
Sample : M3975-09
Misc : 13.78g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 02 04:08:56 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

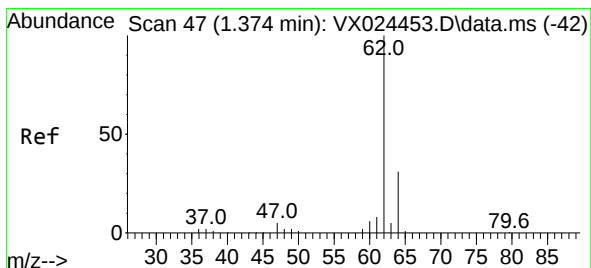
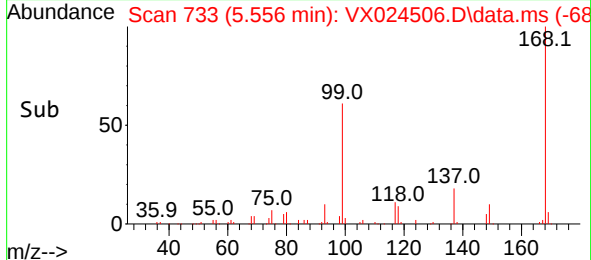
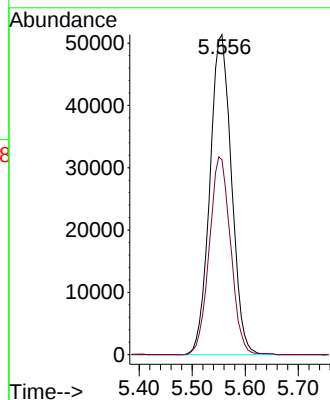
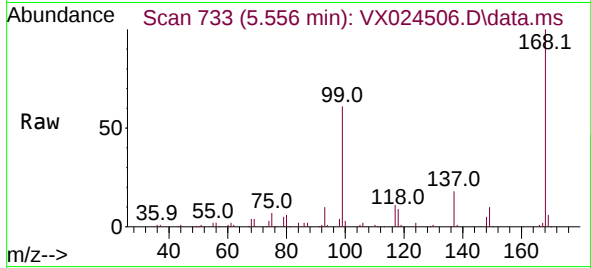




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

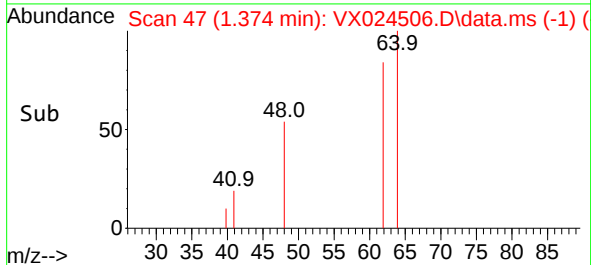
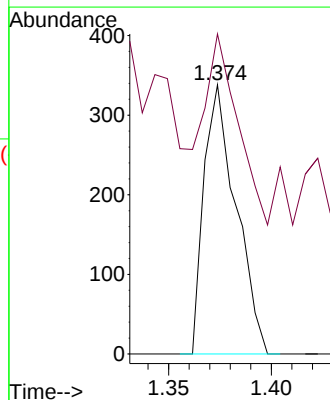
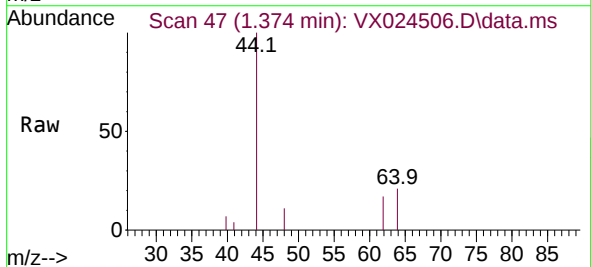
Instrument :
MSVOA_X
ClientSampled :

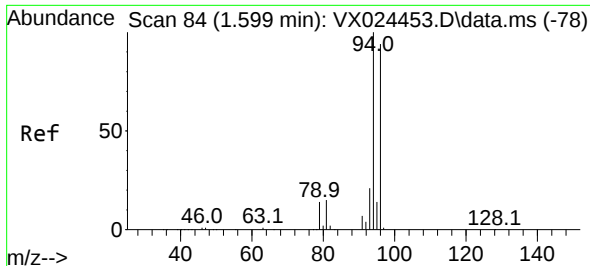
Tgt Ion:168 Resp: 145399
Ion Ratio Lower Upper
168 100
99 60.9 45.8 68.6



#4
Vinyl Chloride
Concen: 0.254 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

Tgt Ion: 62 Resp: 367
Ion Ratio Lower Upper
62 100
64 49.4 25.7 38.5#

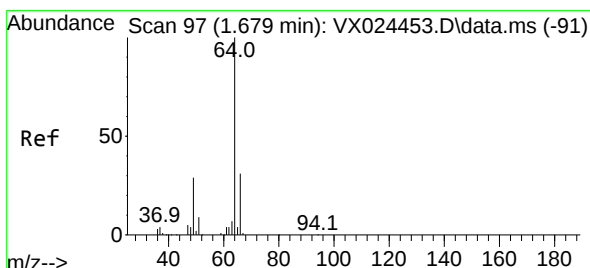
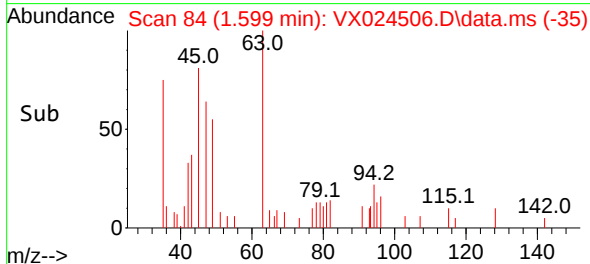
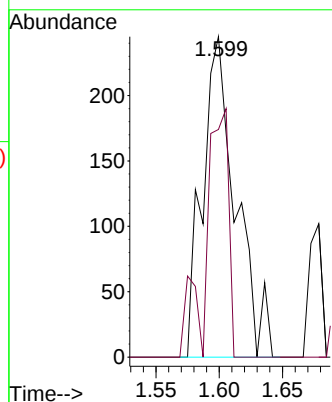
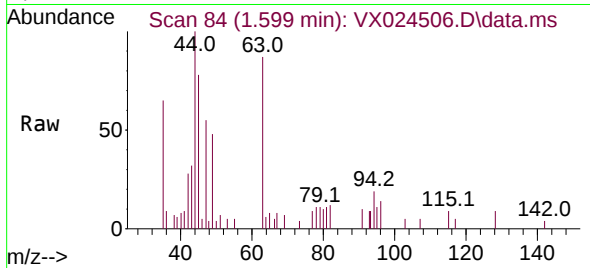




#5
Bromomethane
Concen: 0.460 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

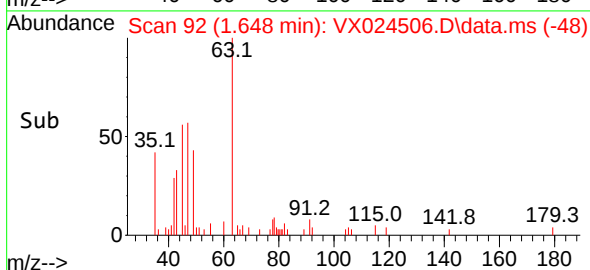
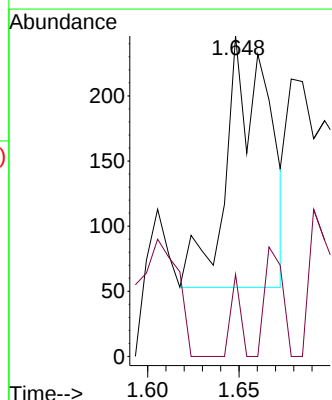
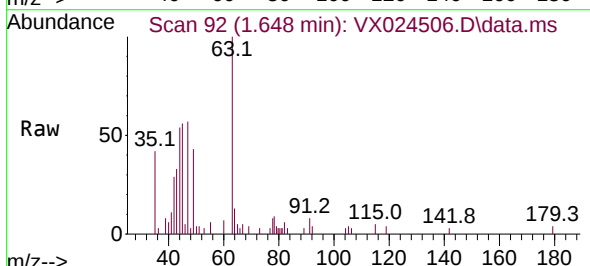
Instrument :
MSVOA_X
ClientSampled :

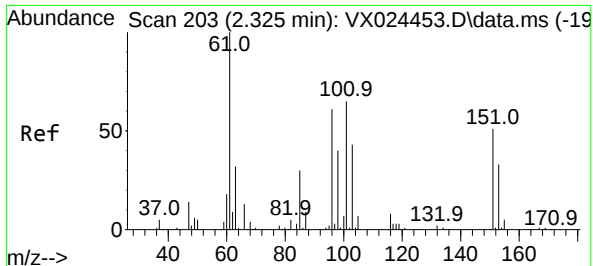
Tgt Ion: 94 Resp: 447
Ion Ratio Lower Upper
94 100
96 71.0 76.4 114.6#



#6
Chloroethane
Concen: 0.583 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.031 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

Tgt Ion: 64 Resp: 314
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

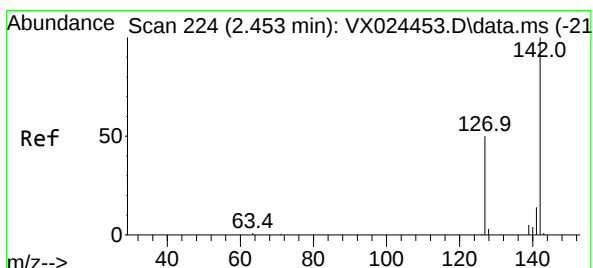
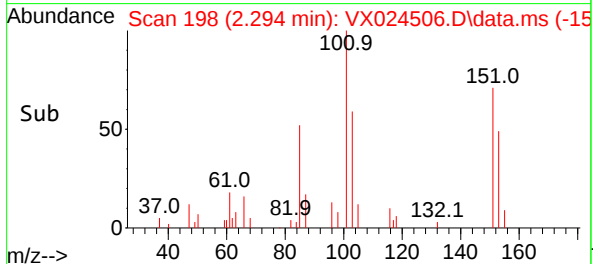
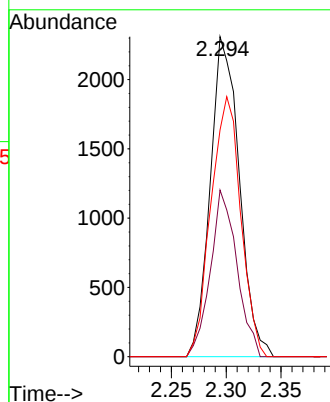
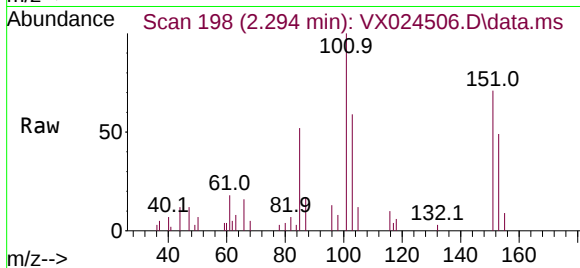




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.956 ug/l
RT: 2.294 min Scan# 198
Delta R.T. -0.031 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

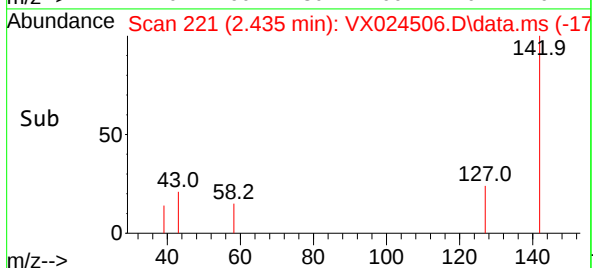
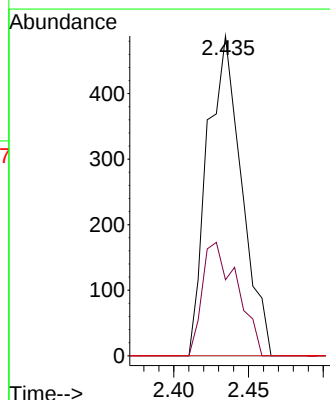
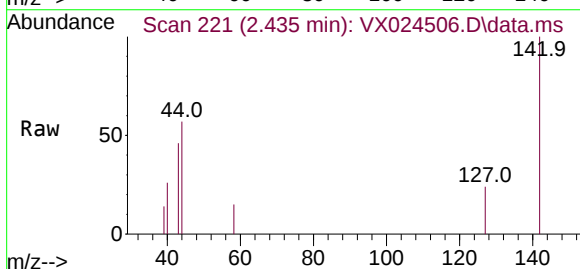
Instrument :
MSVOA_X
ClientSampled :

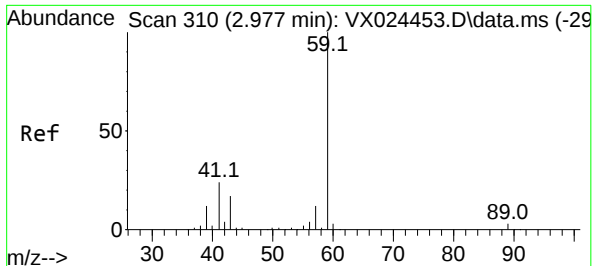
Tgt Ion:101 Resp: 4244
Ion Ratio Lower Upper
101 100
85 47.6 34.9 52.3
151 83.5 61.4 92.2



#10
Methyl Iodide
Concen: 0.387 ug/l
RT: 2.435 min Scan# 221
Delta R.T. -0.018 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

Tgt Ion:142 Resp: 777
Ion Ratio Lower Upper
142 100
127 36.0 33.3 49.9
141 0.0 11.4 17.0#



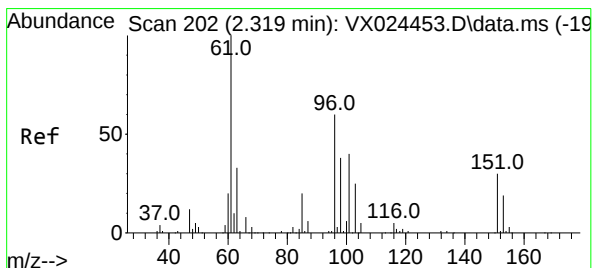
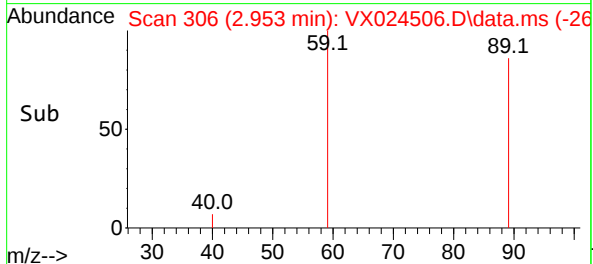
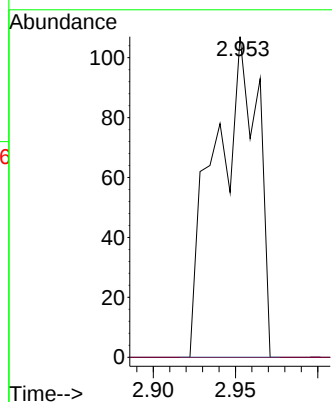
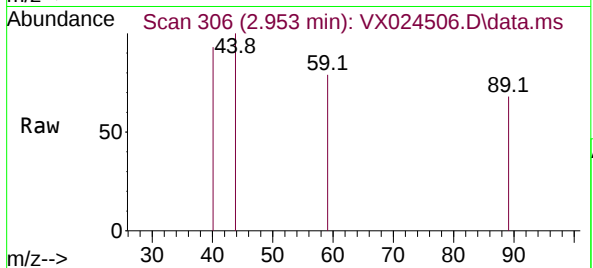


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

Instrument :
MSVOA_X
ClientSampled :

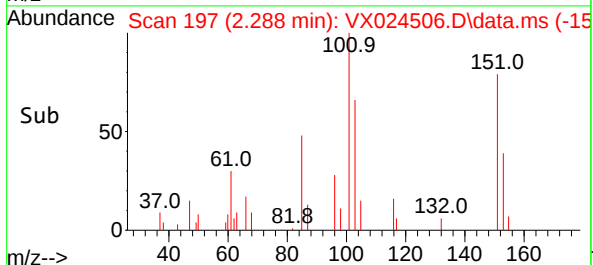
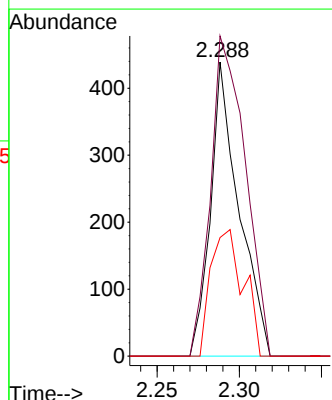
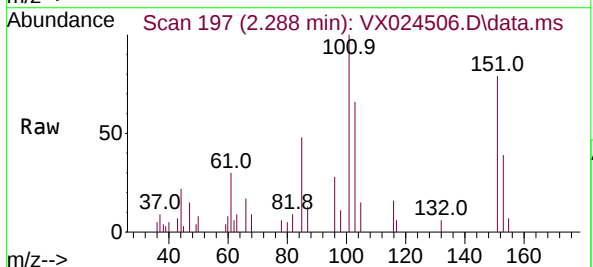
Tgt Ion: 59 Resp: 195
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

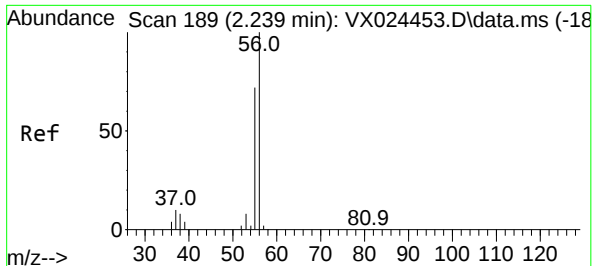


#12

1,1-Dichloroethene
Concen: 0.395 ug/l
RT: 2.288 min Scan# 197
Delta R.T. -0.031 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

Tgt Ion: 96 Resp: 527
Ion Ratio Lower Upper
96 100
61 108.9 124.6 187.0#
98 40.3 50.6 76.0#

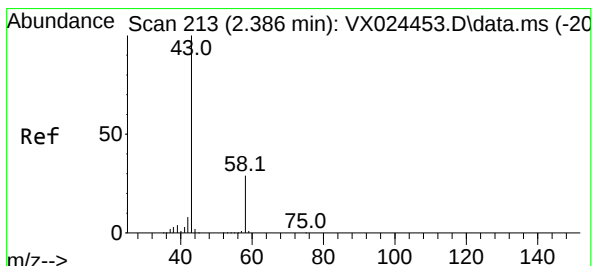
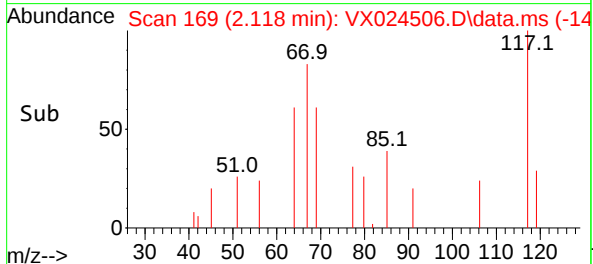
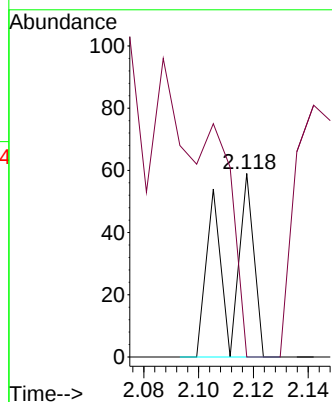
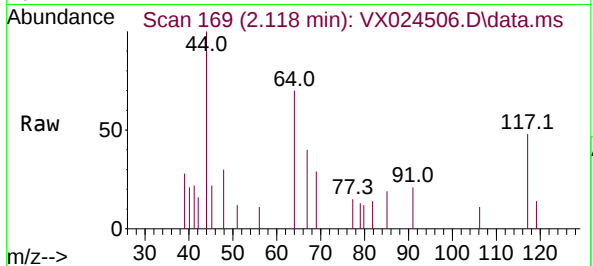




#13
Acrolein
Concen: 10.413 ug/l
RT: 2.118 min Scan# 169
Delta R.T. -0.121 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

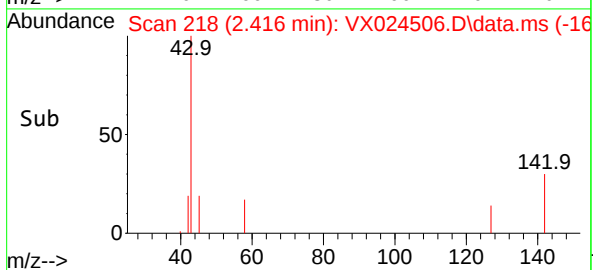
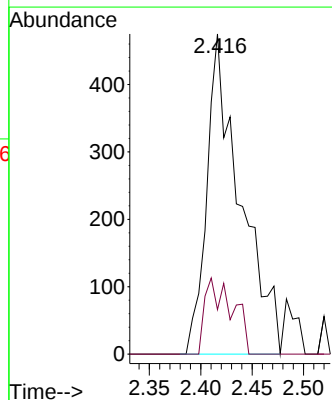
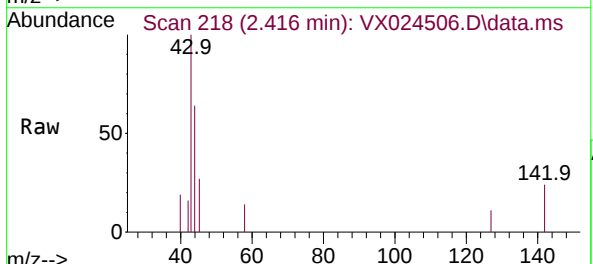
Instrument :
MSVOA_X
ClientSampled :

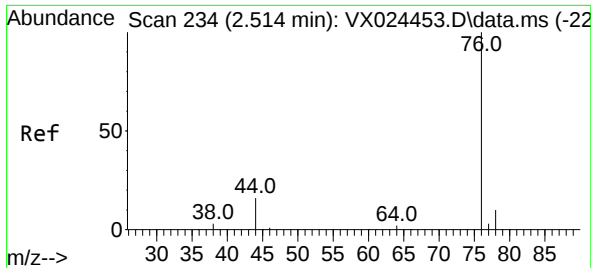
Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: Below Cal
RT: 2.416 min Scan# 218
Delta R.T. 0.030 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

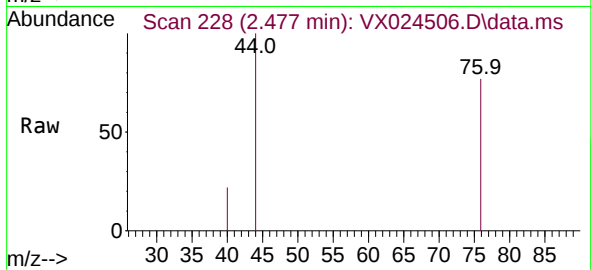
Tgt Ion: 43 Resp: 1075
Ion Ratio Lower Upper
43 100
58 13.9 27.8 41.8#



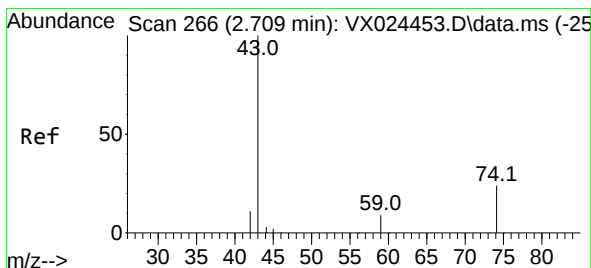
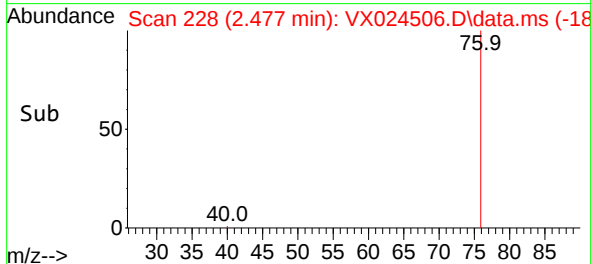
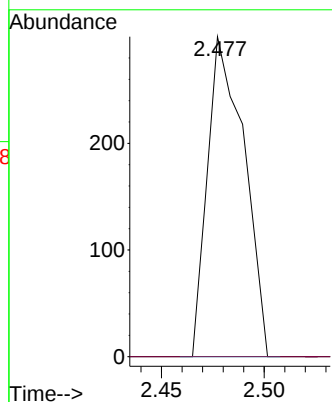


#17
Carbon Disulfide
Concen: 0.335 ug/l
RT: 2.477 min Scan# 228
Delta R.T. -0.037 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

Instrument :
MSVOA_X
ClientSampled :

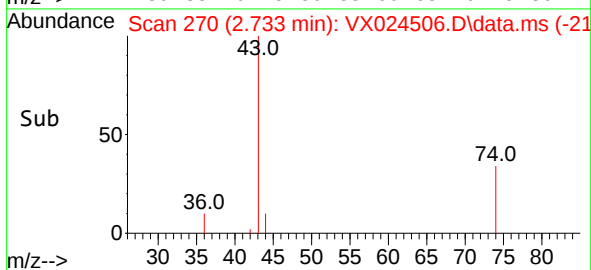
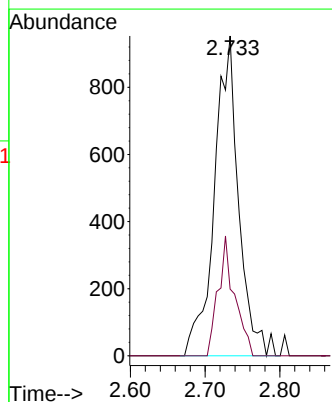
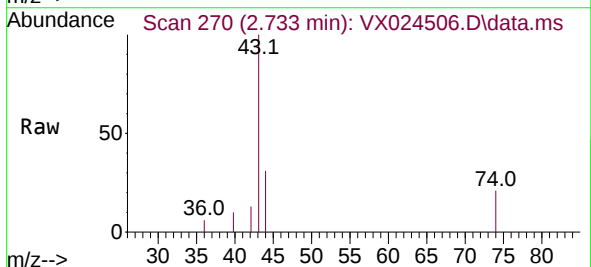


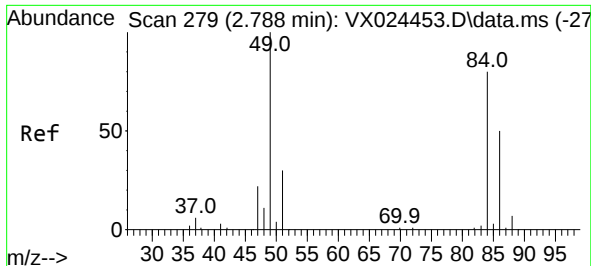
Tgt Ion: 76 Resp: 371
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.701 ug/l
RT: 2.733 min Scan# 270
Delta R.T. 0.024 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

Tgt Ion: 43 Resp: 2152
Ion Ratio Lower Upper
43 100
74 25.3 21.9 32.9





#20

Methylene Chloride

Concen: Below Cal

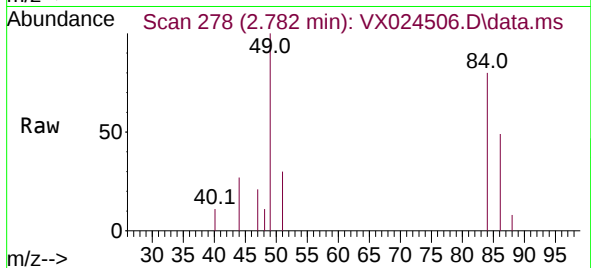
RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX024506.D

Acq: 01 Oct 2021 17:21

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 84 Resp: 1335

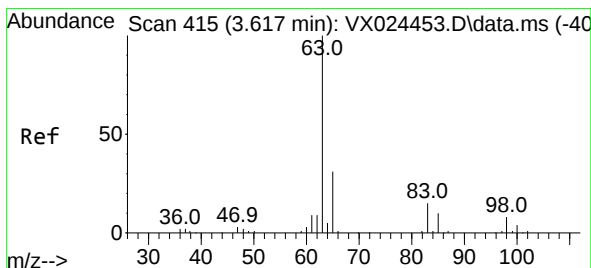
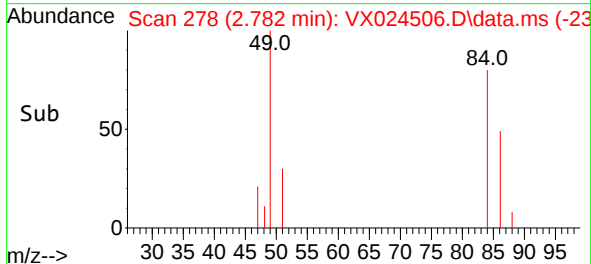
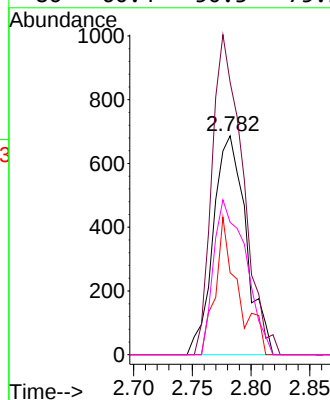
Ion Ratio Lower Upper

84 100

49 124.5 88.6 132.8

51 37.4 27.0 40.6

86 60.4 50.3 75.5



#24

1,1-Dichloroethane

Concen: 0.270 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.012 min

Lab File: VX024506.D

Acq: 01 Oct 2021 17:21

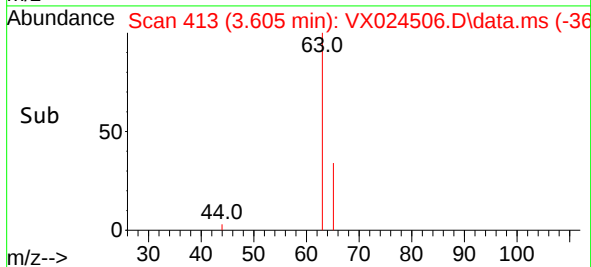
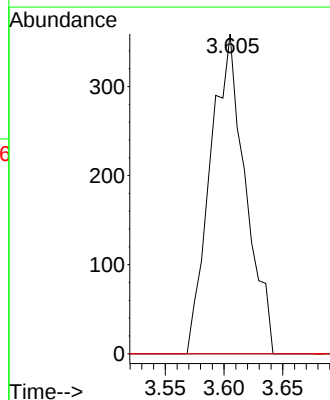
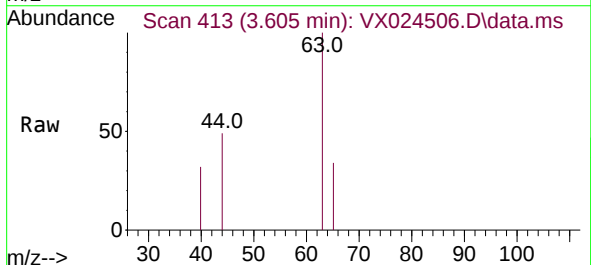
Tgt Ion: 63 Resp: 747

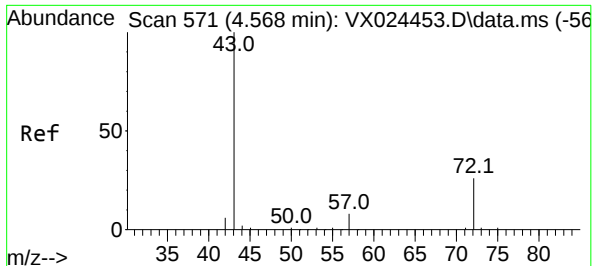
Ion Ratio Lower Upper

63 100

98 0.0 3.8 11.2#

100 0.0 2.5 7.5#

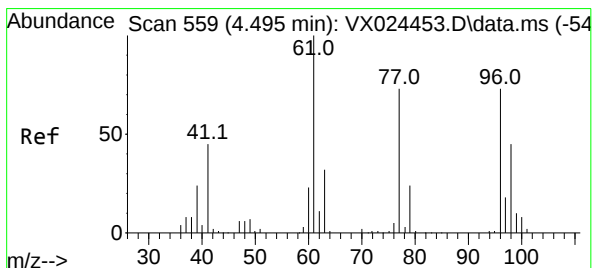
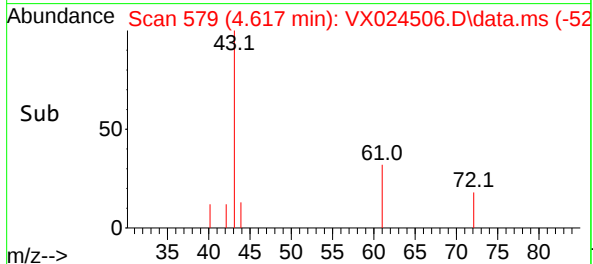
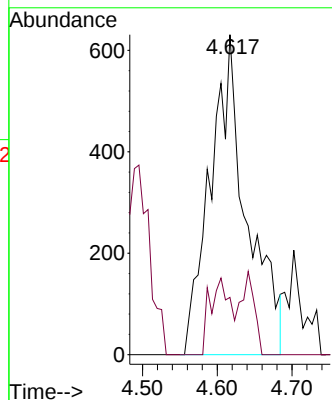
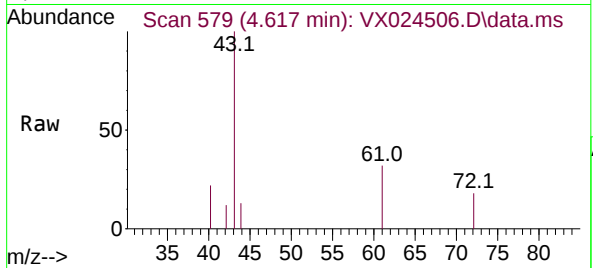




#25
2-Butanone
Concen: 1.516 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.049 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

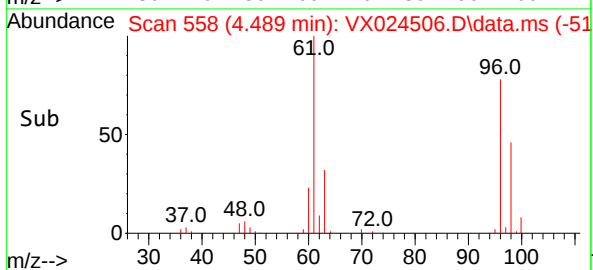
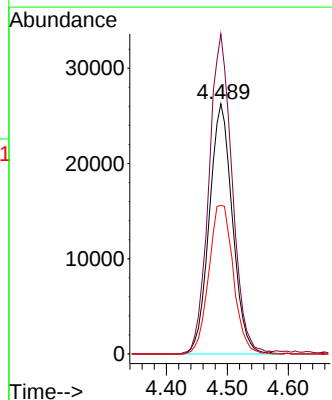
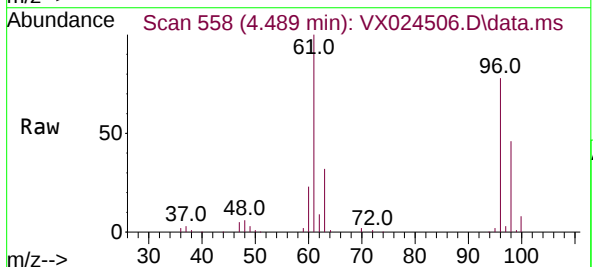
Instrument :
MSVOA_X
ClientSampled :

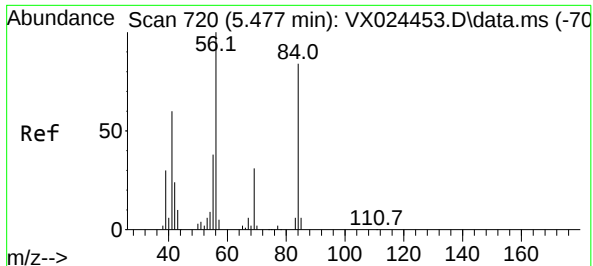
Tgt Ion: 43 Resp: 2140
Ion Ratio Lower Upper
43 100
72 17.9 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 39.239 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

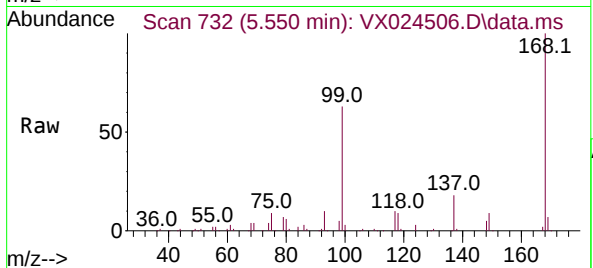
Tgt Ion: 96 Resp: 69413
Ion Ratio Lower Upper
96 100
61 128.7 0.0 285.6
98 62.9 0.0 129.6



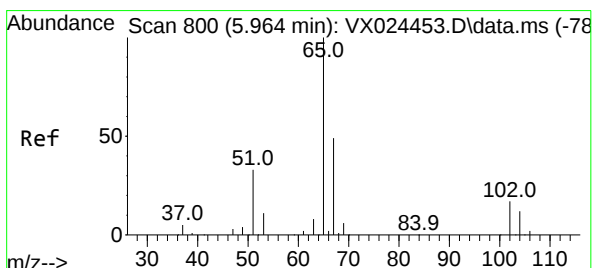
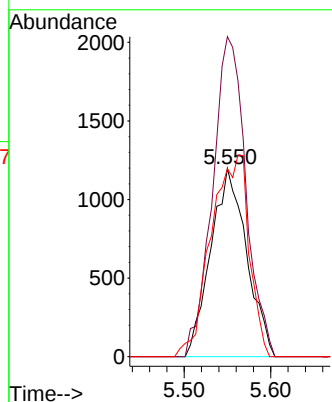
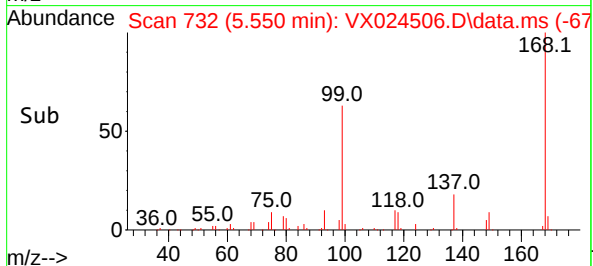


#31
Cyclohexane
Concen: 1.404 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

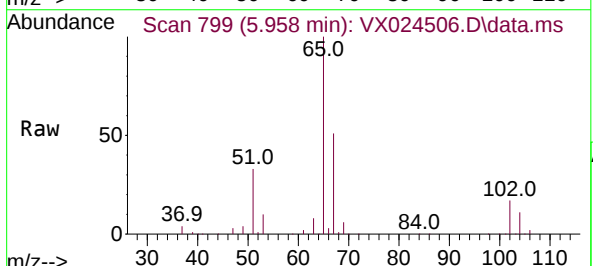
Instrument :
MSVOA_X
ClientSampled :



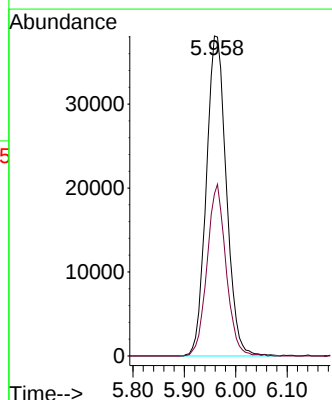
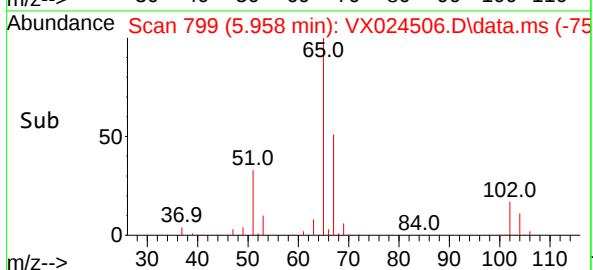
Tgt Ion: 56 Resp: 3445
Ion Ratio Lower Upper
56 100
69 169.9 25.3 37.9#
84 99.8 71.4 107.0

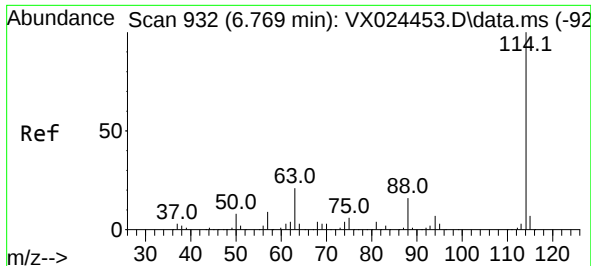


#33
1,2-Dichloroethane-d4
Concen: 50.377 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21



Tgt Ion: 65 Resp: 103234
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

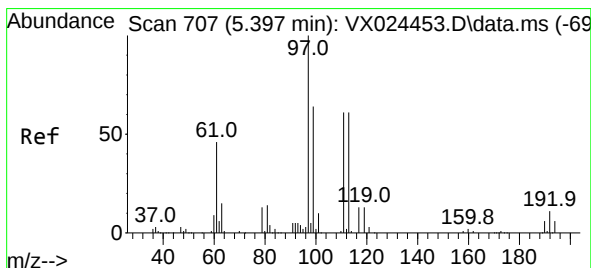
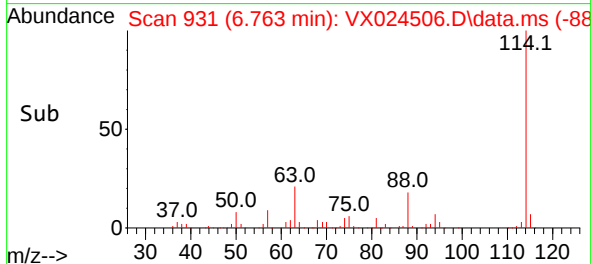
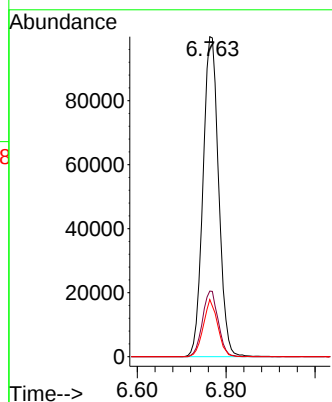
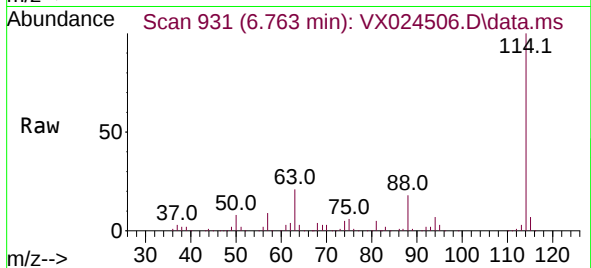




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

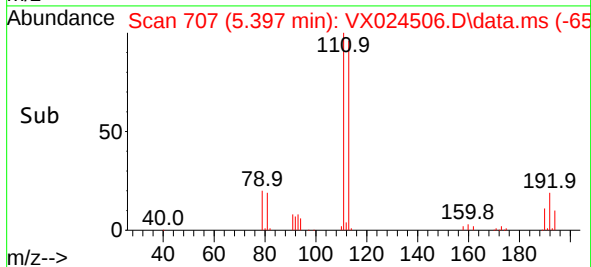
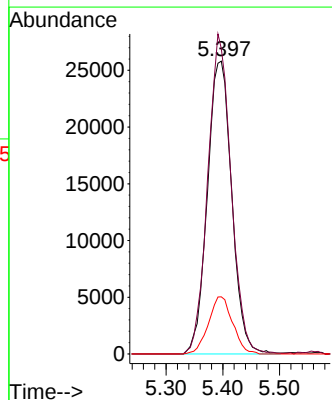
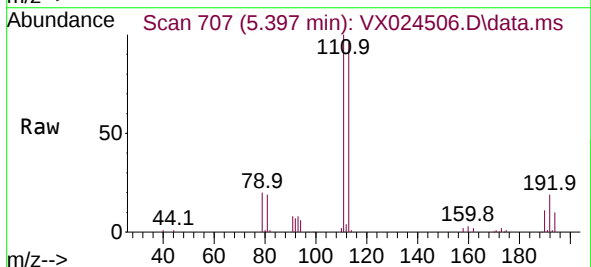
Instrument :
MSVOA_X
ClientSampleId :

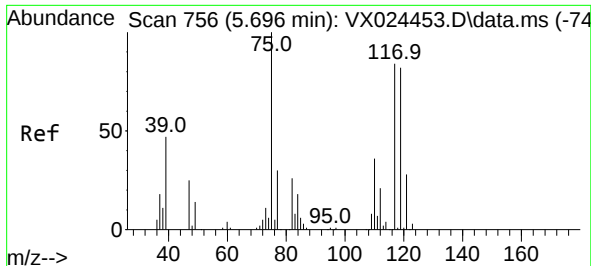
Tgt Ion:114 Resp: 245018
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 17.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.392 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

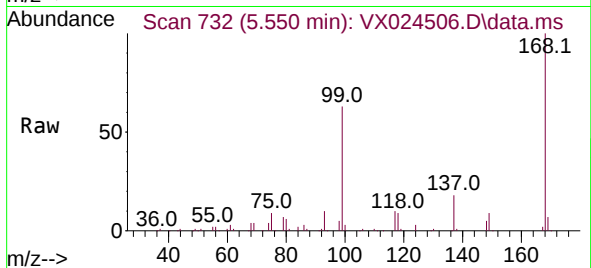
Tgt Ion:113 Resp: 77141
Ion Ratio Lower Upper
113 100
111 104.2 81.9 122.9
192 19.3 16.7 25.1



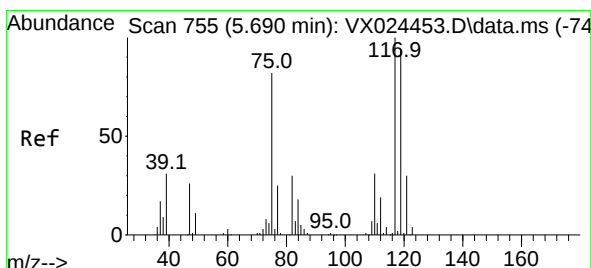
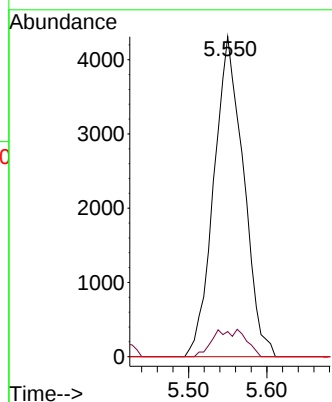
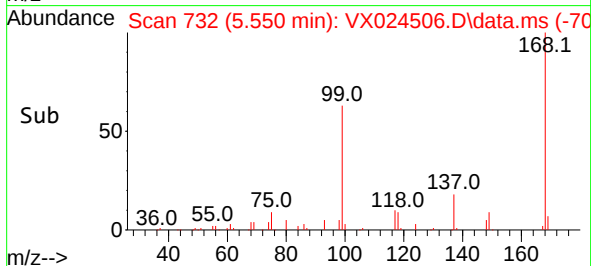


#36
1,1-Dichloropropene
Concen: 4.828 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

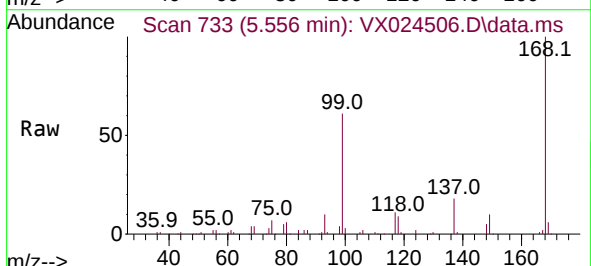
Instrument :
MSVOA_X
ClientSampled :



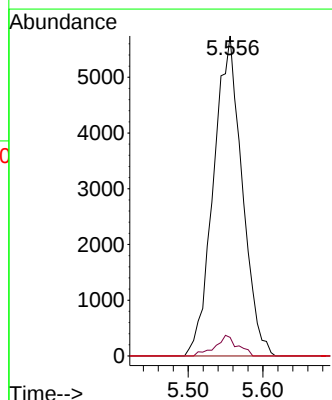
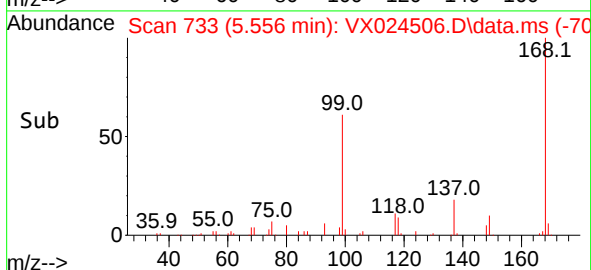
Tgt Ion: 75 Resp: 11341
Ion Ratio Lower Upper
75 100
110 5.8 18.1 54.4#
77 0.0 25.3 37.9#

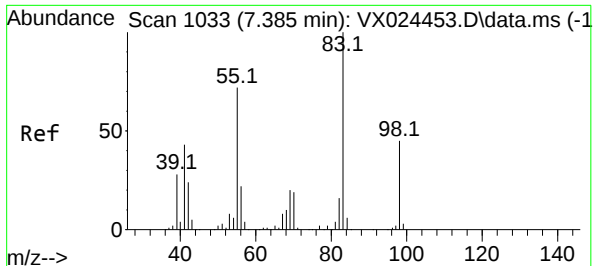


#38
Carbon Tetrachloride
Concen: 5.978 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21



Tgt Ion: 117 Resp: 15285
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.554 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX024506.D

Acq: 01 Oct 2021 17:21

Tgt Ion: 83 Resp: 1524

Ion Ratio Lower Upper

83 100

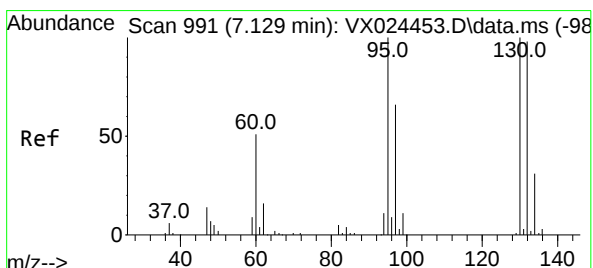
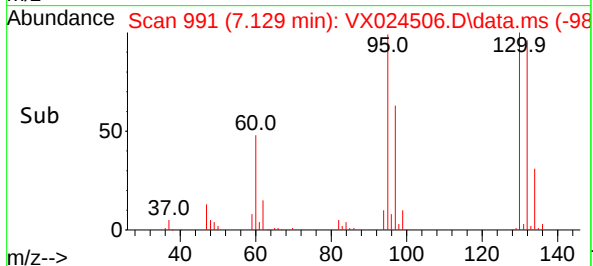
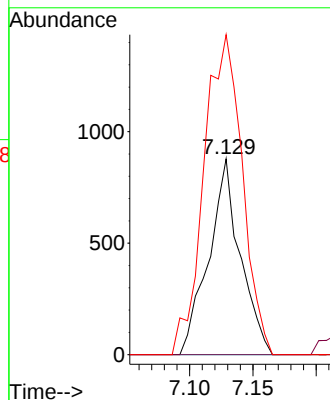
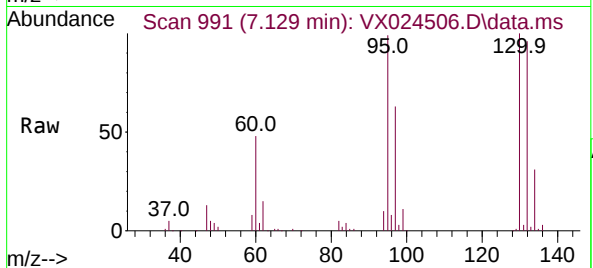
55 0.0 58.9 88.3#

98 163.4 38.1 57.1#

Instrument :

MSVOA_X

ClientSampled :



#44

Trichloroethene

Concen: 65.973 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX024506.D

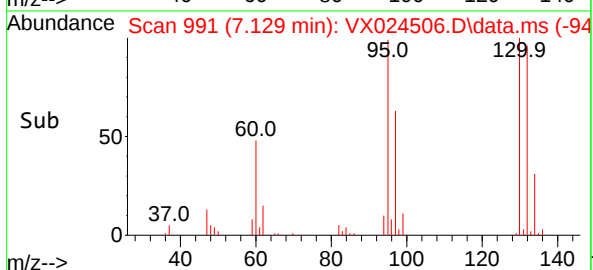
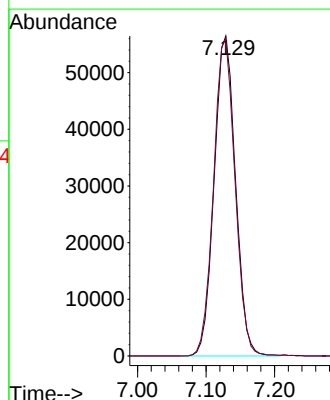
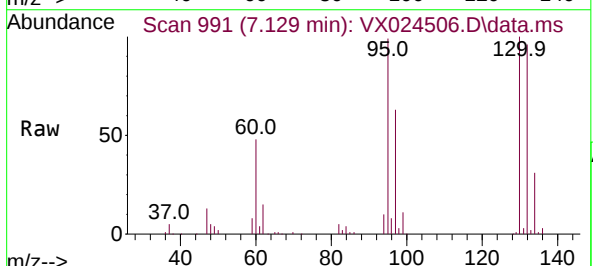
Acq: 01 Oct 2021 17:21

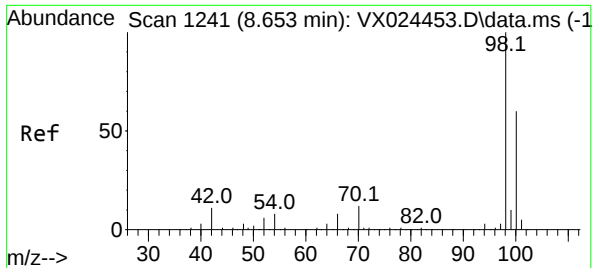
Tgt Ion:130 Resp: 121917

Ion Ratio Lower Upper

130 100

95 99.2 0.0 198.0

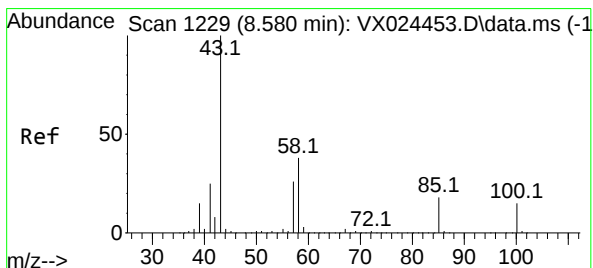
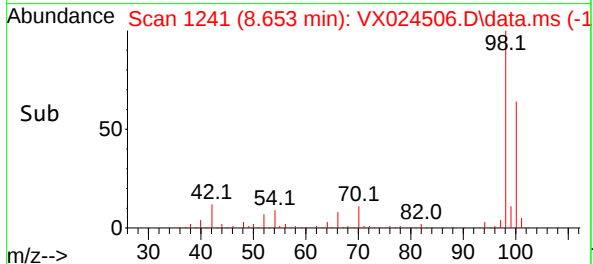
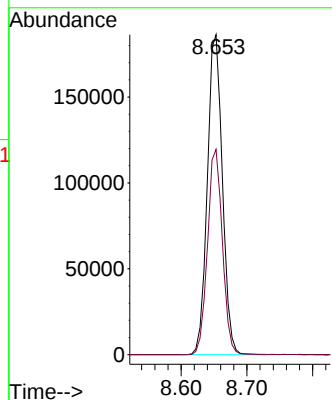
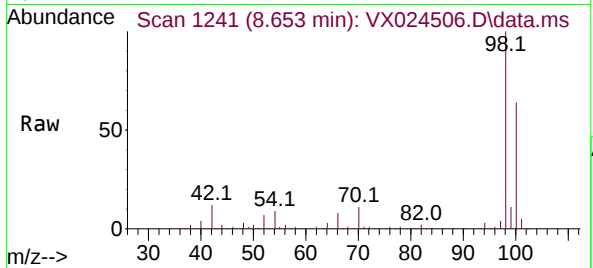




#50
Toluene-d8
Concen: 49.473 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

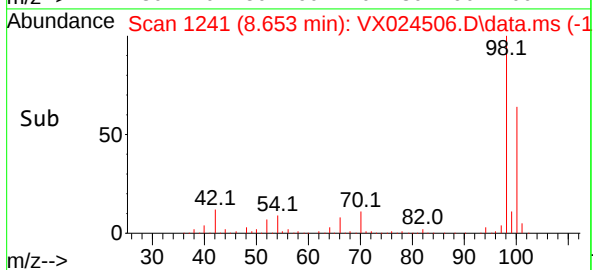
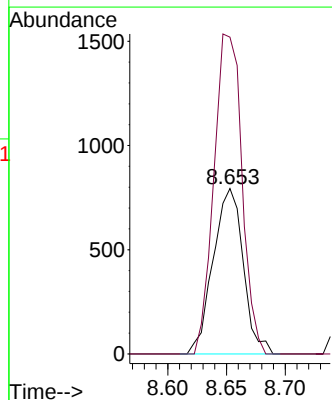
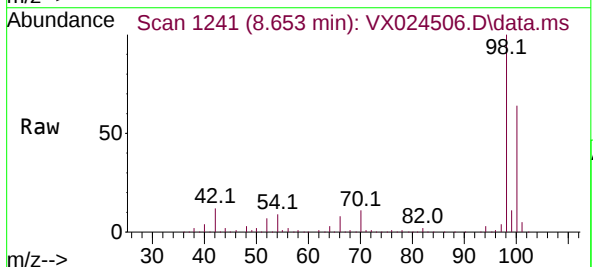
Instrument :
MSVOA_X
ClientSampled :

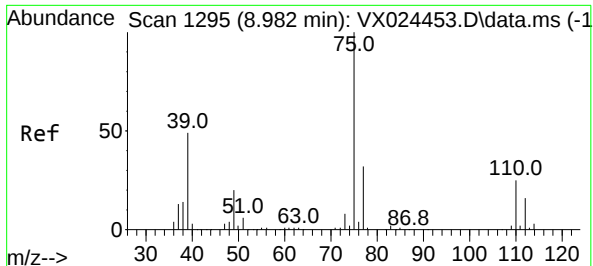
Tgt Ion: 98 Resp: 296387
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.480 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

Tgt Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
58 180.3 35.4 53.0#

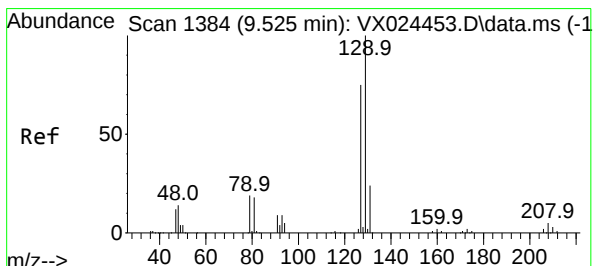
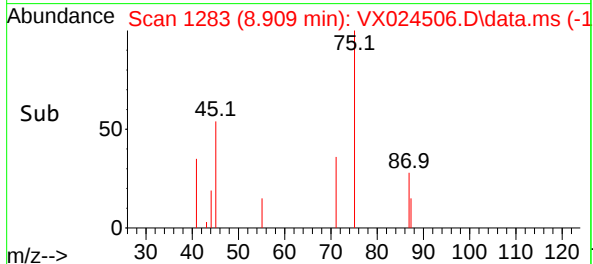
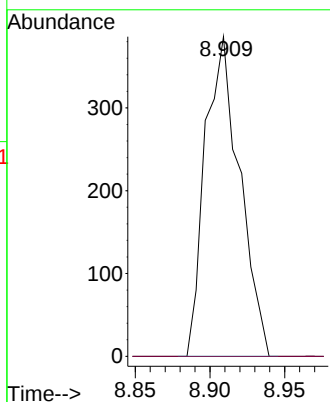
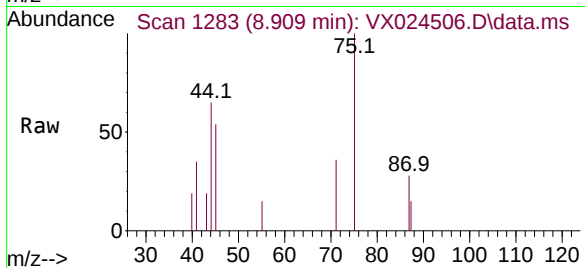




#53
t-1,3-Dichloropropene
Concen: 0.230 ug/l
RT: 8.909 min Scan# 1283
Delta R.T. -0.073 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

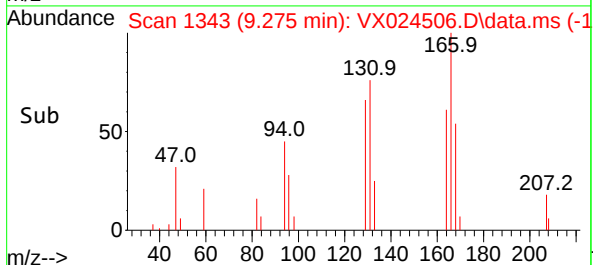
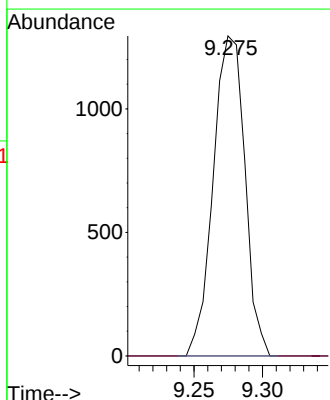
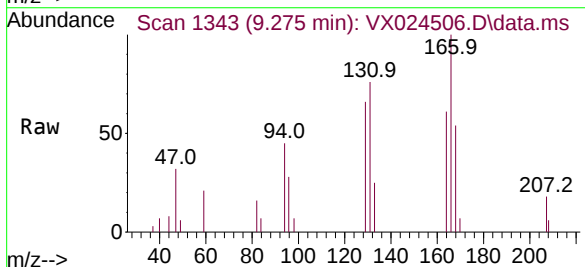
Instrument :
MSVOA_X
ClientSampled :

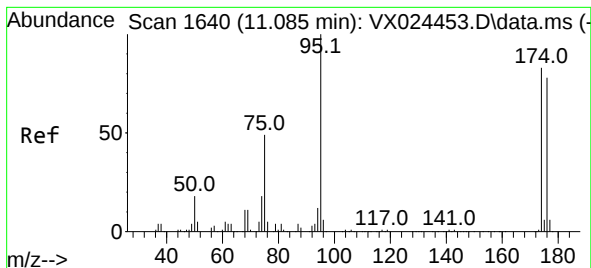
Tgt Ion: 75 Resp: 620
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#60
Dibromochloromethane
Concen: 2.184 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

Tgt Ion: 129 Resp: 2079
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

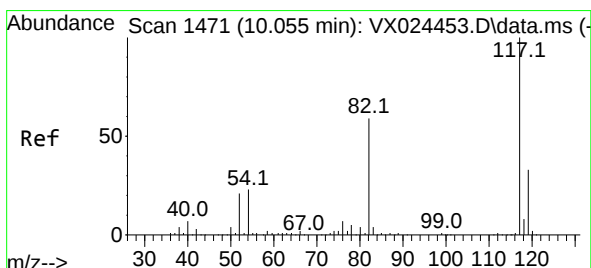
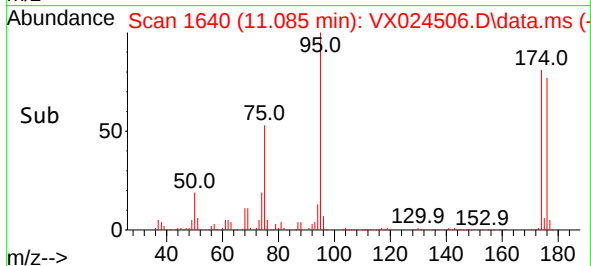
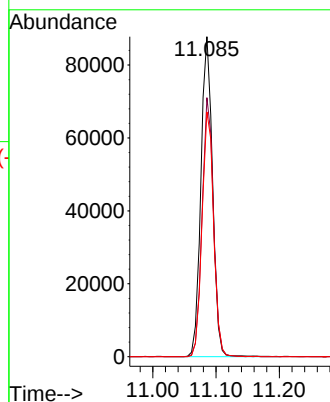
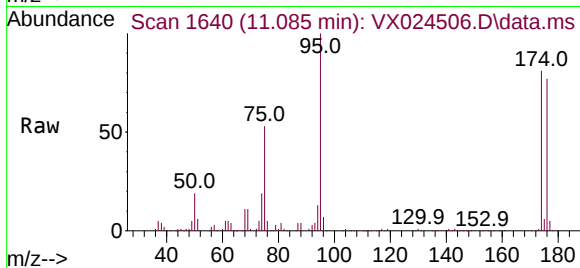




#62
4-Bromofluorobenzene
Concen: 47.751 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

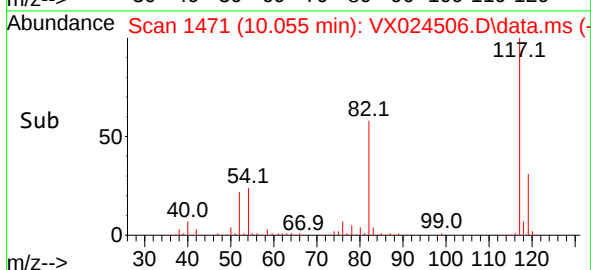
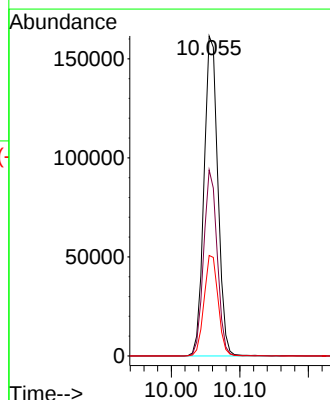
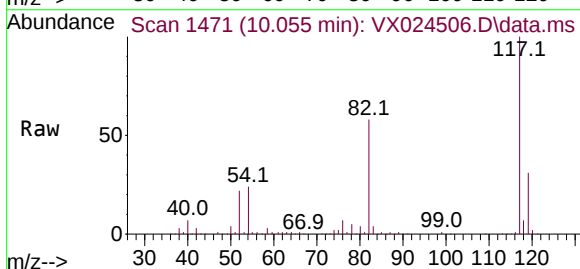
Instrument :
MSVOA_X
ClientSampleId :

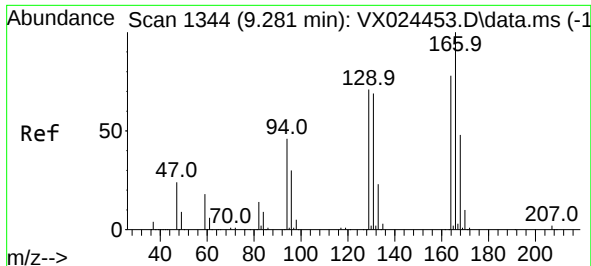
Tgt Ion: 95 Resp: 112478
Ion Ratio Lower Upper
95 100
174 79.2 0.0 154.6
176 76.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

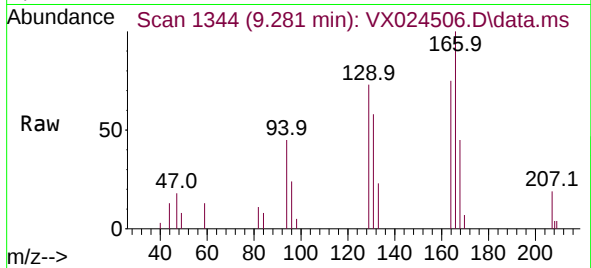
Tgt Ion: 117 Resp: 227259
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 31.4 26.6 39.8



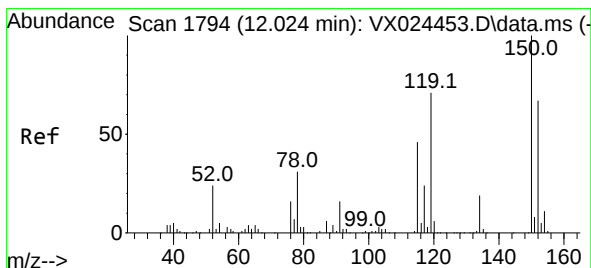
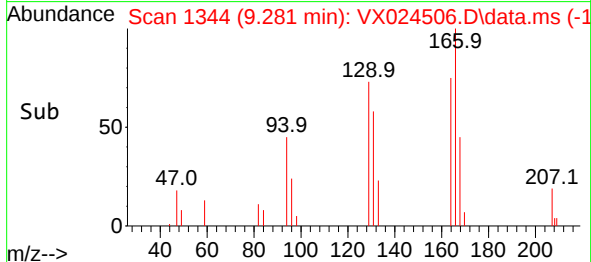
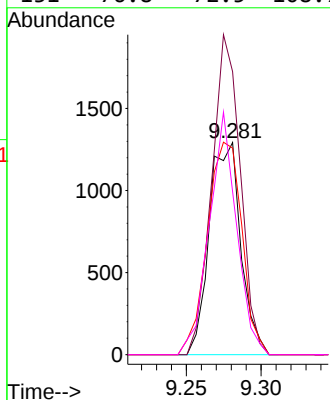


#64
Tetrachloroethene
Concen: 1.203 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

Instrument :
MSVOA_X
ClientSampled :

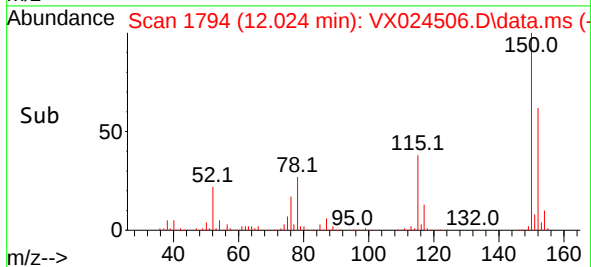
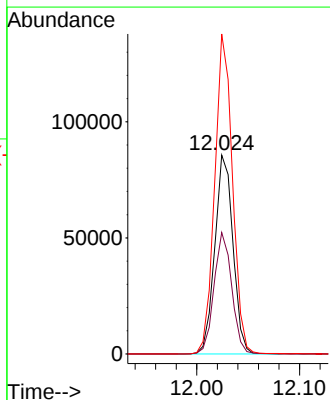
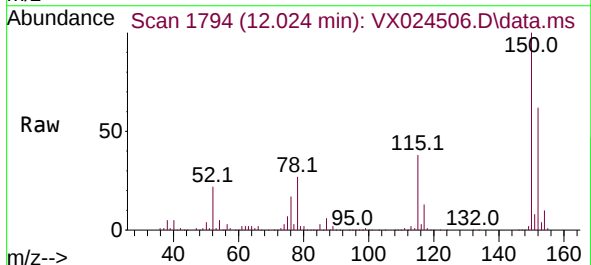


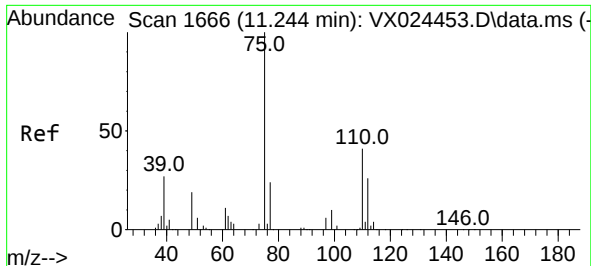
Tgt Ion:164	Resp:	1892
Ion	Ratio	Lower Upper
164	100	
166	133.4	103.4 155.2
129	97.4	70.8 106.2
131	76.8	72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

Tgt Ion:152	Resp:	105062
Ion	Ratio	Lower Upper
152	100	
115	59.6	41.1 123.3
150	156.9	0.0 349.0

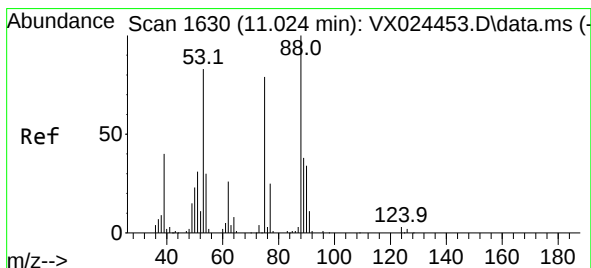
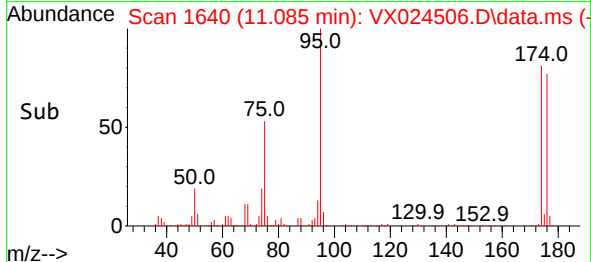
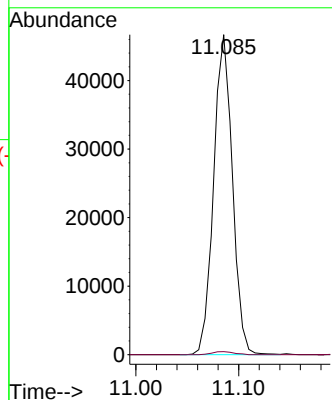
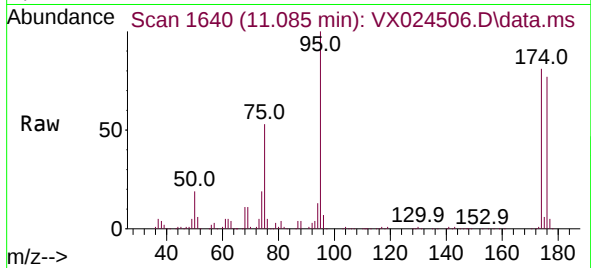




#76
1,2,3-Trichloropropane
Concen: 24.823 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 59225
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.705 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024506.D
Acq: 01 Oct 2021 17:21

Tgt Ion: 75 Resp: 59225
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.2 37.9 56.9#

