

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040301.D
 Acq On : 17 Feb 2024 14:47
 Operator : JC/MD
 Sample : P1507-13DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 19 03:57:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

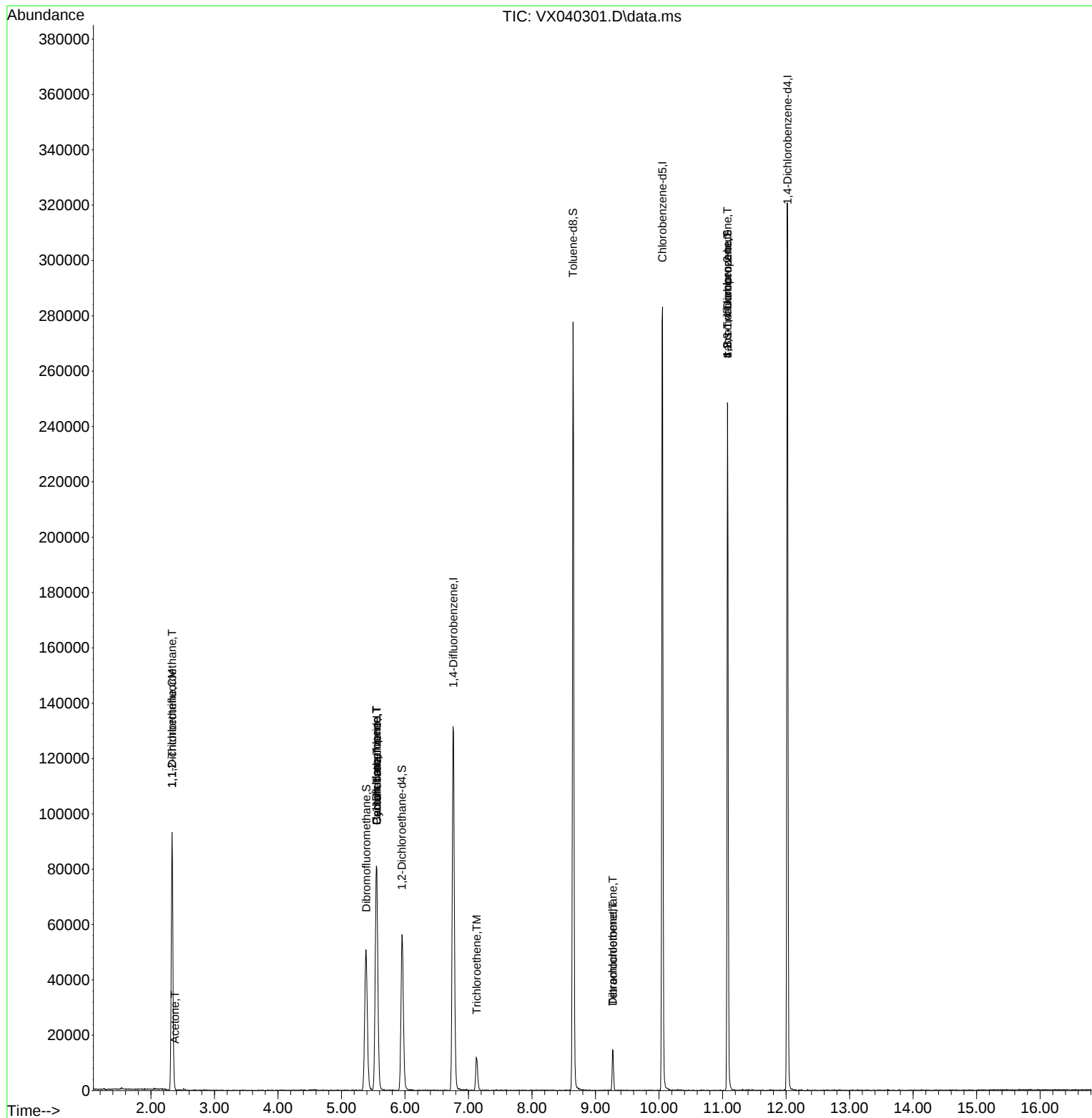
Internal Standards						
1) Pentafluorobenzene	5.556	168	77470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	134389	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	53520	46.437	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.880%		
35) Dibromofluoromethane	5.391	113	43920	46.798	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.600%		
50) Toluene-d8	8.647	98	162256	46.218	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.440%		
62) 4-Bromofluorobenzene	11.079	95	63882	44.617	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.240%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	36210	44.079	ug/l	97
12) 1,1-Dichloroethene	2.331	96	192	0.243	ug/l #	33
16) Acetone	2.380	43	166	0.351	ug/l #	47
31) Cyclohexane	5.556	56	1880	1.368	ug/l #	59
36) 1,1-Dichloropropene	5.550	75	6129	4.662	ug/l #	47
38) Carbon Tetrachloride	5.556	117	8325	6.660	ug/l #	15
44) Trichloroethene	7.129	130	4617	4.553	ug/l	100
60) Dibromochloromethane	9.275	129	2552	2.439	ug/l #	11
64) Tetrachloroethene	9.275	164	2943	3.266	ug/l #	76
76) 1,2,3-Trichloropropane	11.079	75	33736	25.069	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	33736	68.949	ug/l #	5

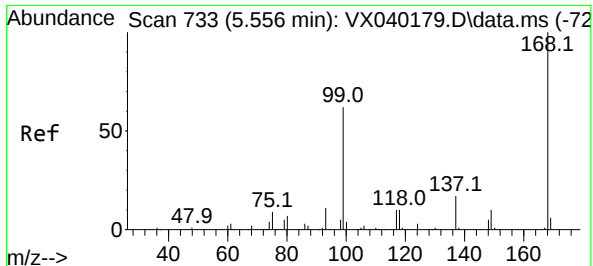
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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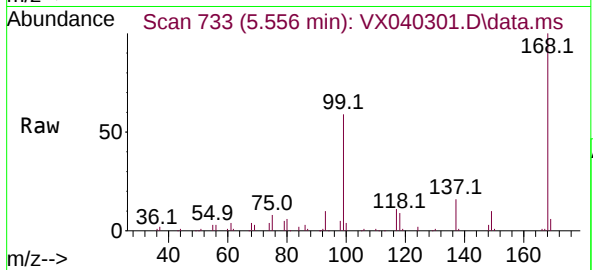
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration



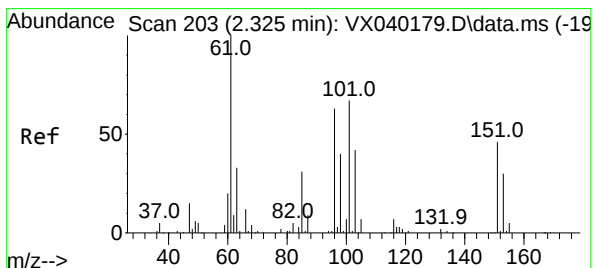
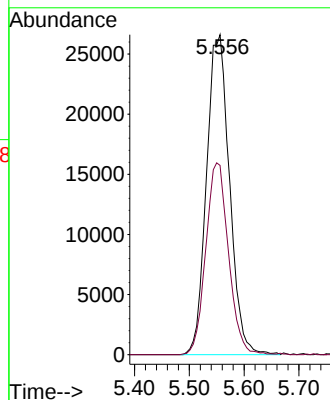
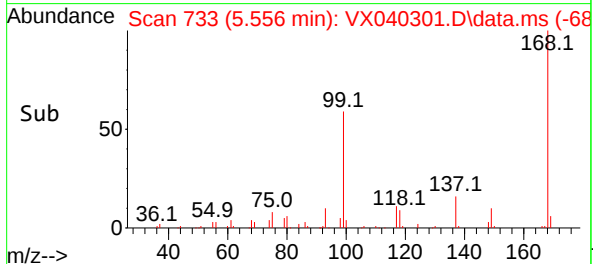


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

Instrument :
MSVOA_X
ClientSampleId :

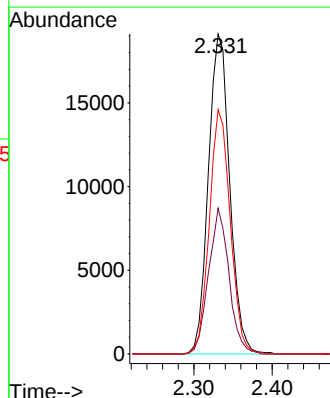
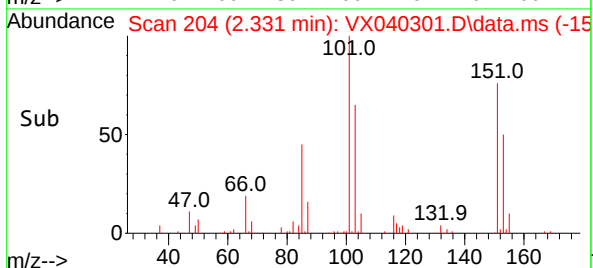
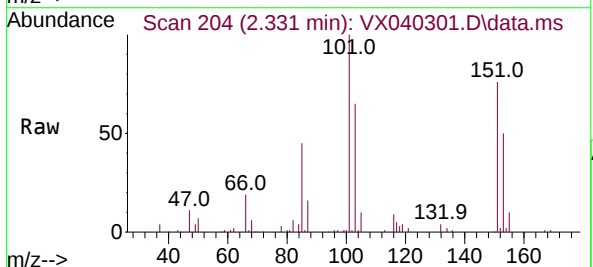


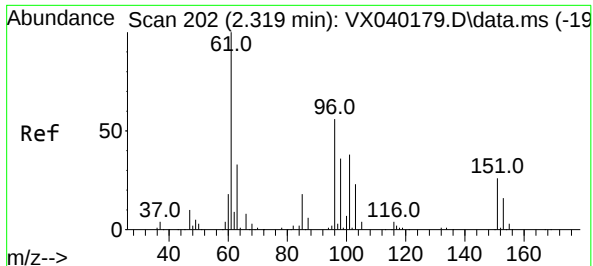
Tgt Ion:168 Resp: 77470
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.079 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

Tgt Ion:101 Resp: 36210
Ion Ratio Lower Upper
101 100
85 43.6 37.0 55.6
151 74.8 58.6 87.8

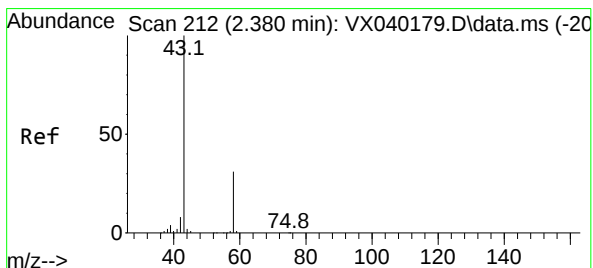
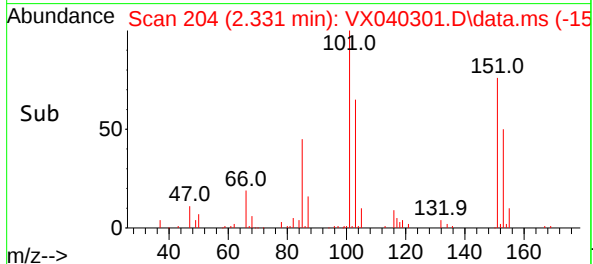
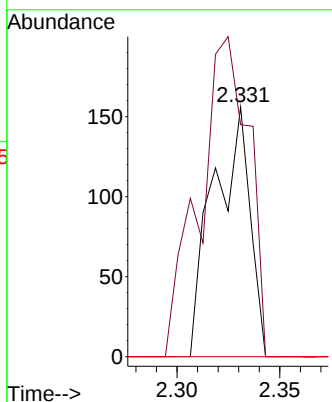
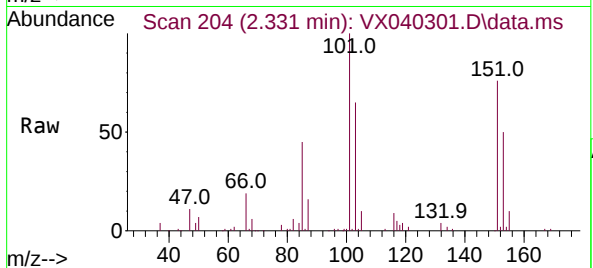




#12
1,1-Dichloroethene
Concen: 0.243 ug/l
RT: 2.331 min Scan# 202
Delta R.T. 0.012 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

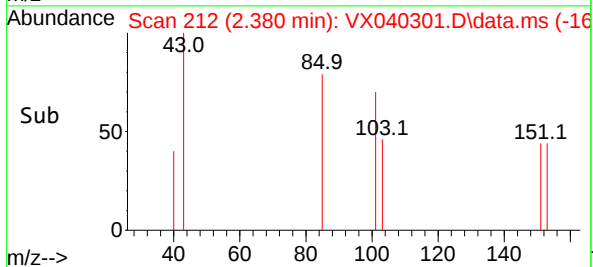
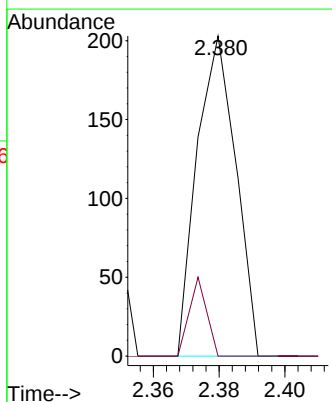
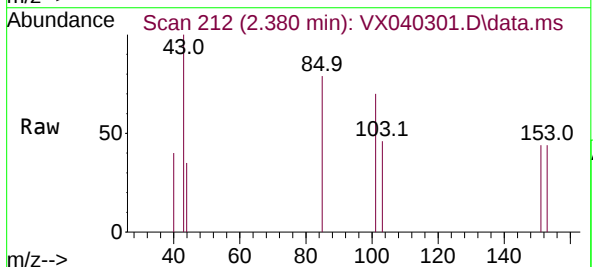
Instrument :
MSVOA_X
ClientSampleId :

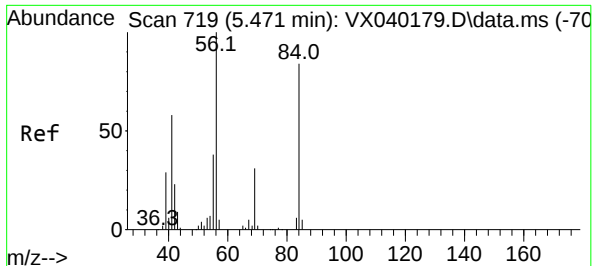
Tgt Ion: 96 Resp: 192
Ion Ratio Lower Upper
96 100
61 92.9 144.6 216.8#
98 0.0 50.4 75.6#



#16
Acetone
Concen: 0.351 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

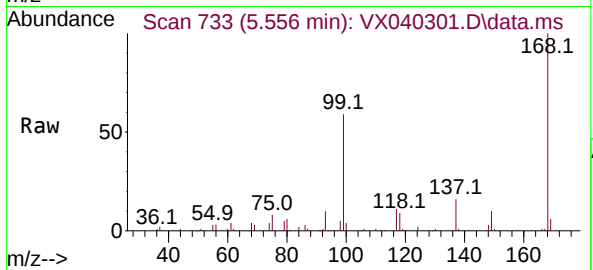
Tgt Ion: 43 Resp: 166
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



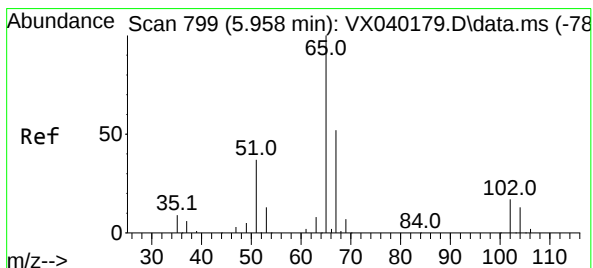
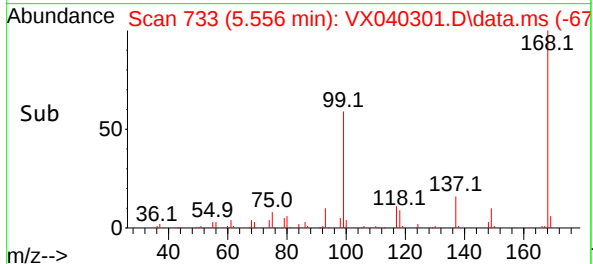
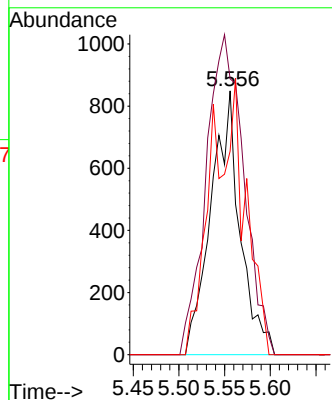


#31
Cyclohexane
Concen: 1.368 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

Instrument :
MSVOA_X
ClientSampleId :

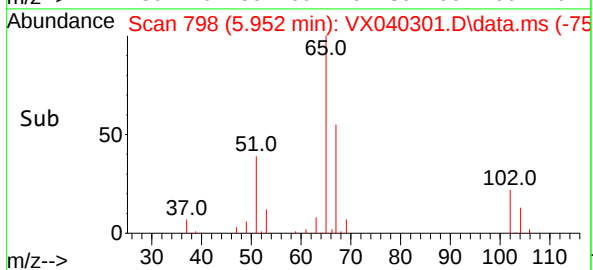
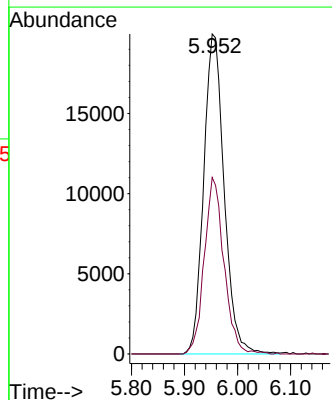
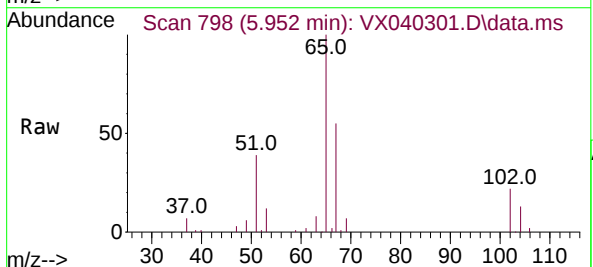


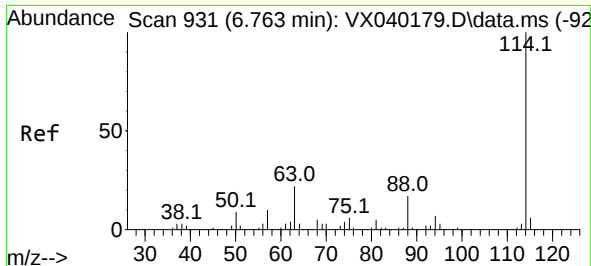
Tgt Ion: 56 Resp: 1880
Ion Ratio Lower Upper
56 100
69 104.6 23.4 35.2#
84 77.1 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 46.437 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

Tgt Ion: 65 Resp: 53520
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

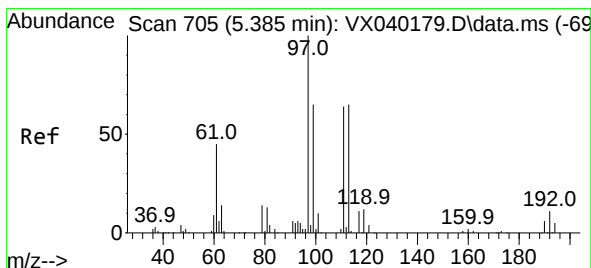
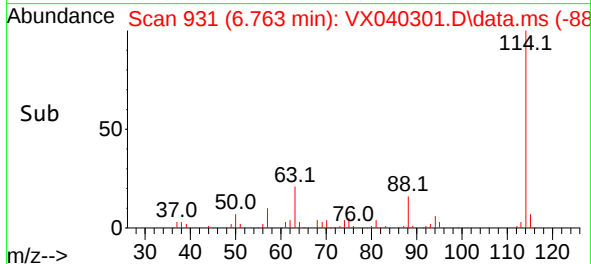
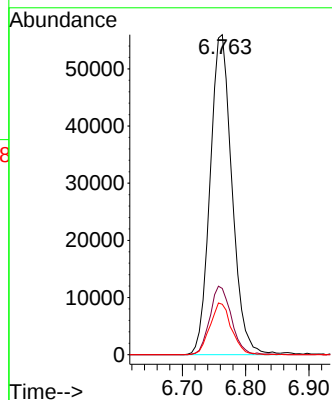
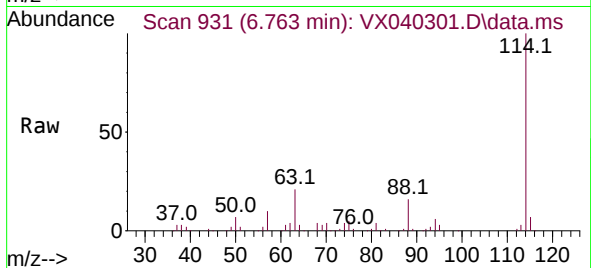




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

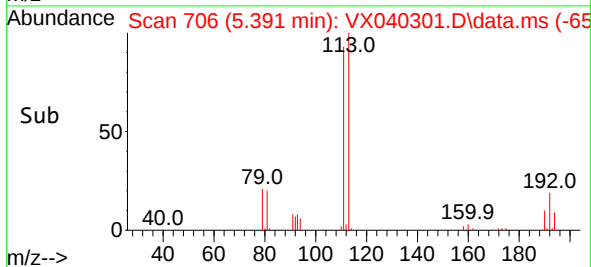
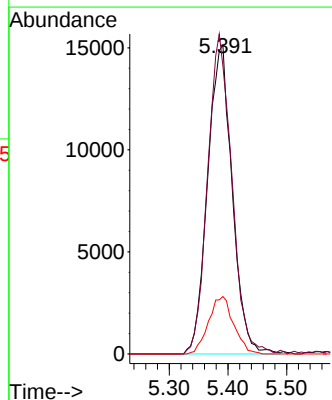
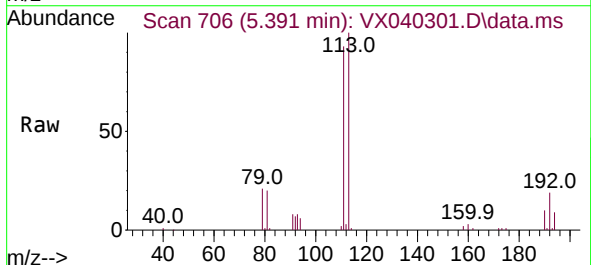
Instrument :
MSVOA_X
ClientSampleId :

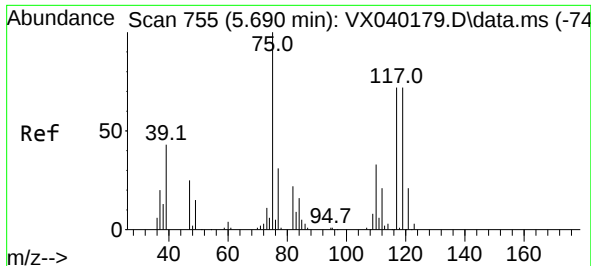
Tgt Ion:114 Resp: 134389
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.798 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

Tgt Ion:113 Resp: 43920
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 19.0 13.3 19.9

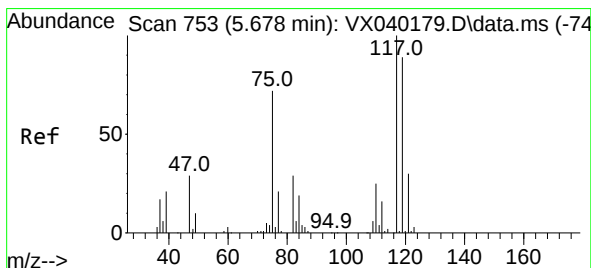
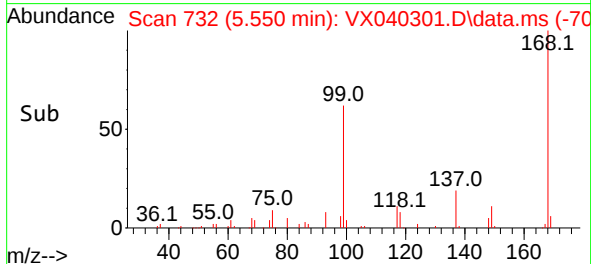
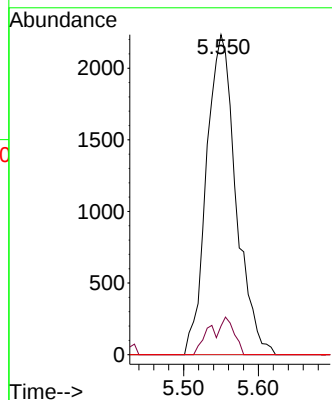
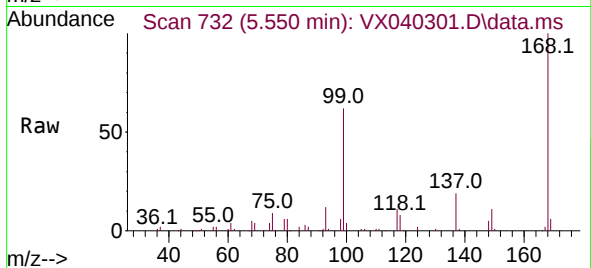




#36
1,1-Dichloropropene
Concen: 4.662 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

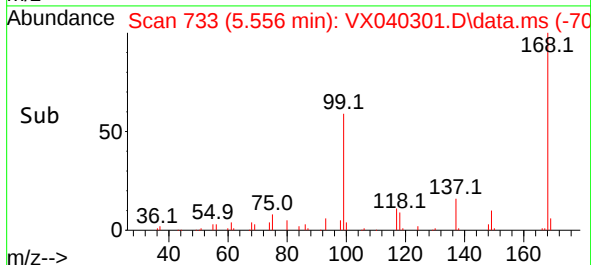
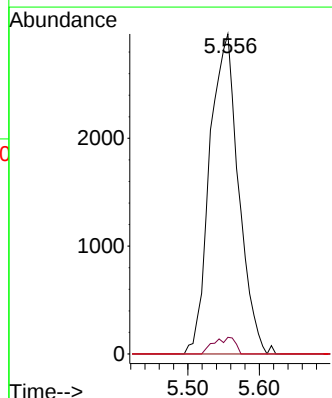
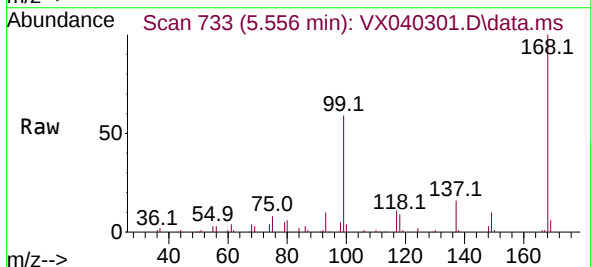
Instrument :
MSVOA_X
ClientSampleId :

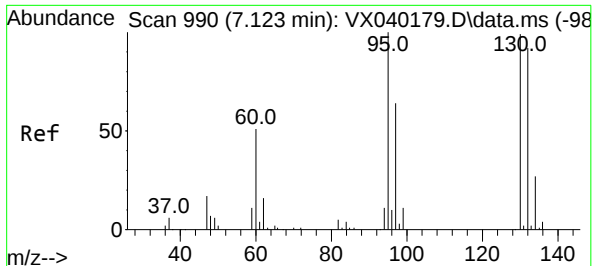
Tgt Ion: 75 Resp: 6129
Ion Ratio Lower Upper
75 100
110 5.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.660 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

Tgt Ion: 117 Resp: 8325
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#

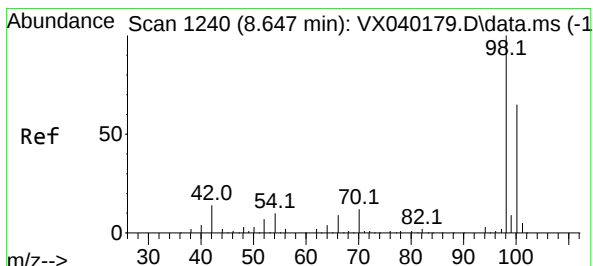
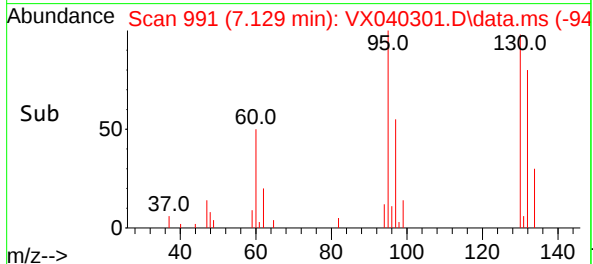
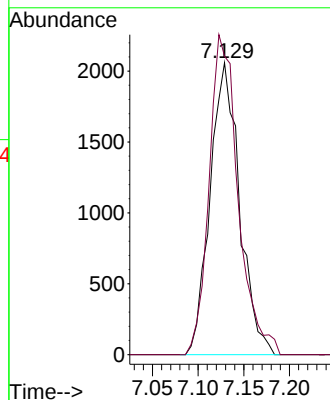
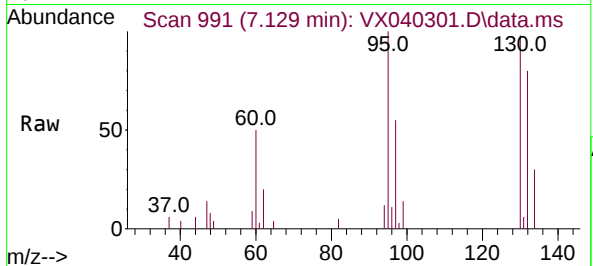




#44
Trichloroethene
Concen: 4.553 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

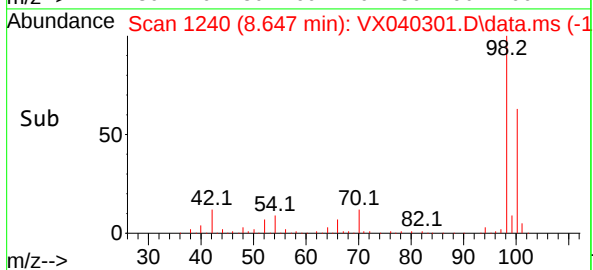
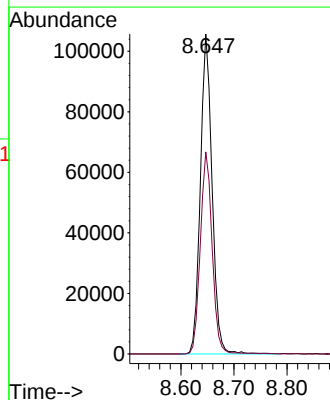
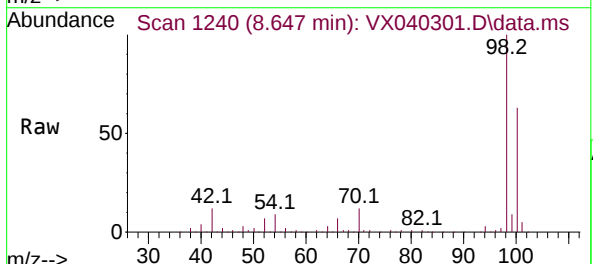
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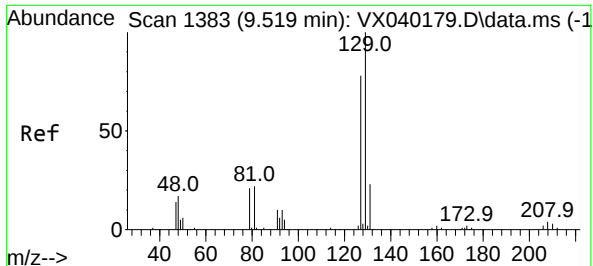
Tgt Ion:130 Resp: 4617
Ion Ratio Lower Upper
130 100
95 102.2 0.0 204.4



#50
Toluene-d8
Concen: 46.218 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

Tgt Ion: 98 Resp: 162256
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

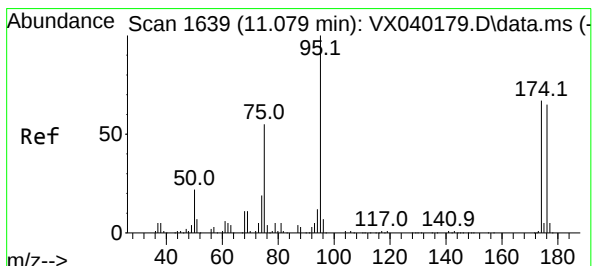
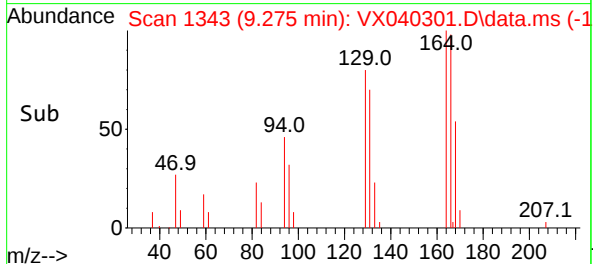
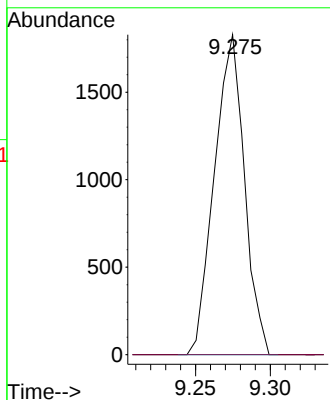
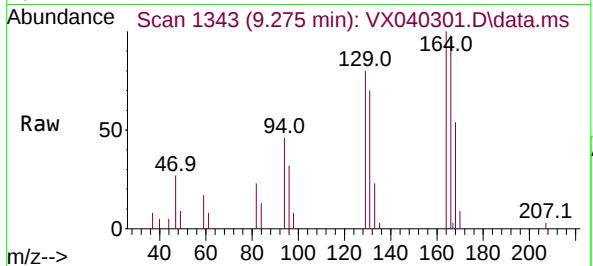




#60
Dibromochloromethane
Concen: 2.439 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

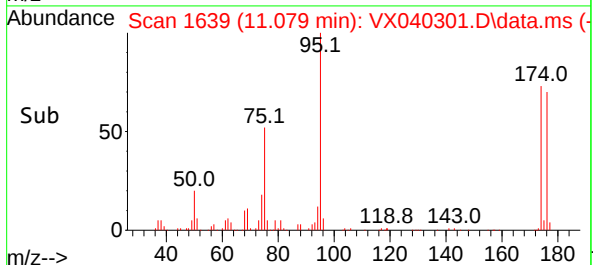
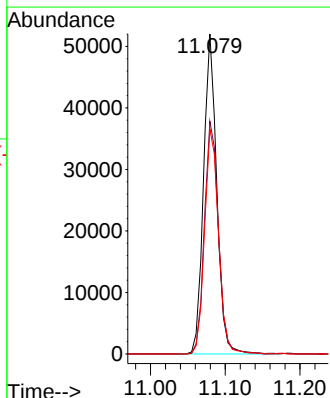
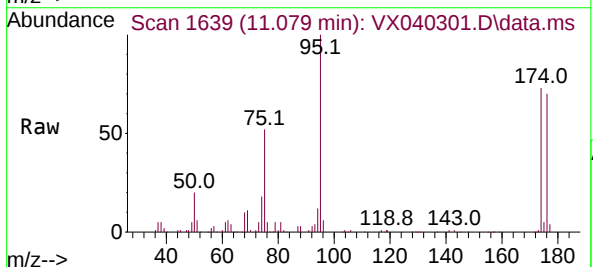
Instrument :
MSVOA_X
ClientSampleId :

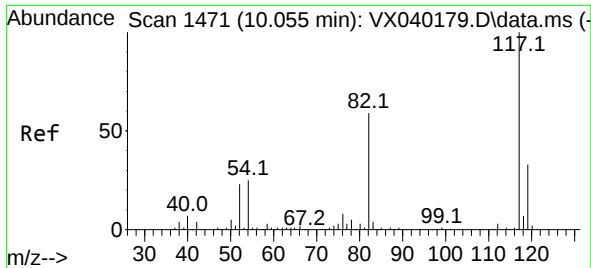
Tgt Ion:129 Resp: 2552
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 44.617 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

Tgt Ion: 95 Resp: 63882
Ion Ratio Lower Upper
95 100
174 77.5 0.0 135.6
176 74.1 0.0 131.0

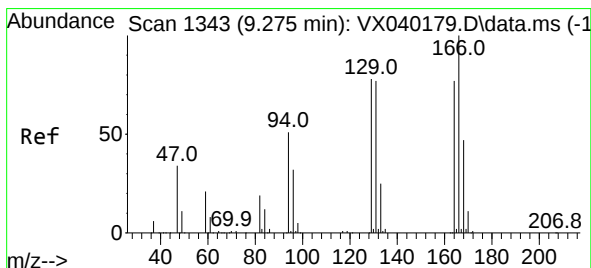
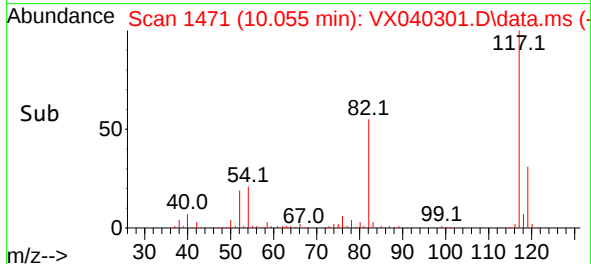
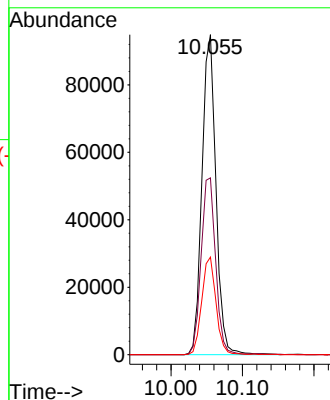
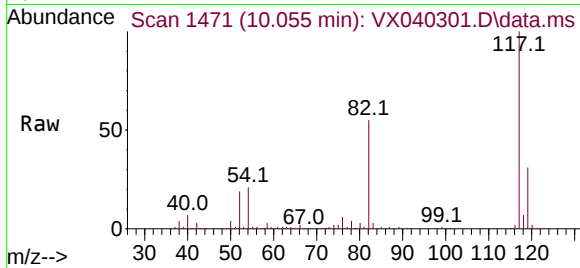




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

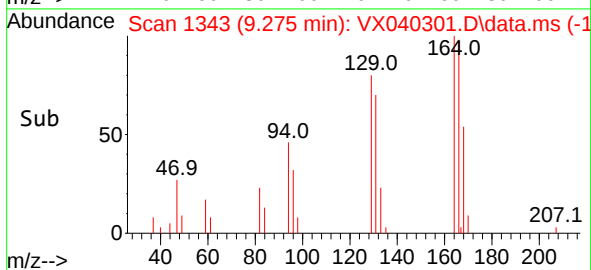
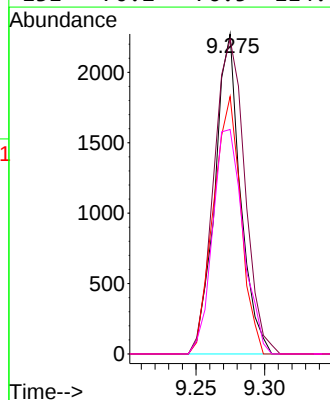
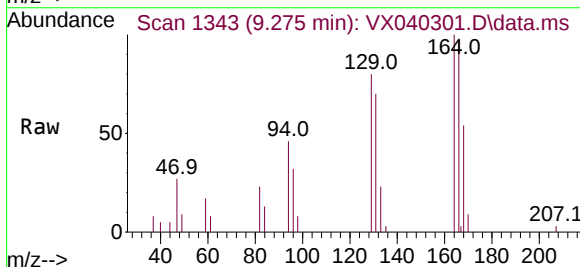
Instrument :
MSVOA_X
ClientSampleId :

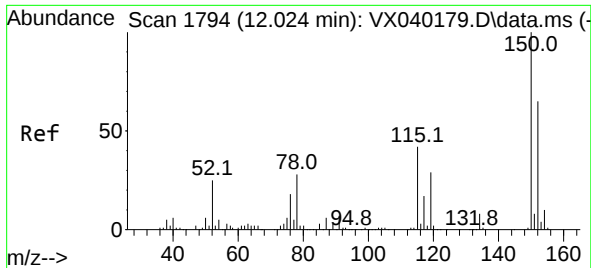
Tgt Ion:117 Resp: 128600
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 30.5 25.5 38.3



#64
Tetrachloroethene
Concen: 3.266 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

Tgt Ion:164 Resp: 2943
Ion Ratio Lower Upper
164 100
166 98.4 102.7 154.1#
129 80.5 80.4 120.6
131 70.2 76.5 114.7#

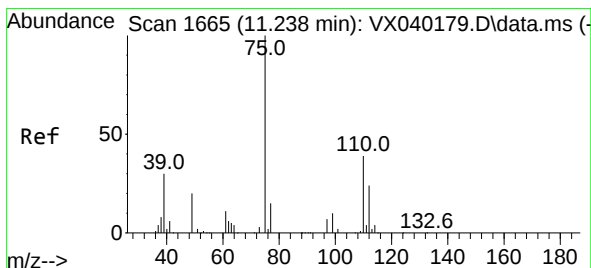
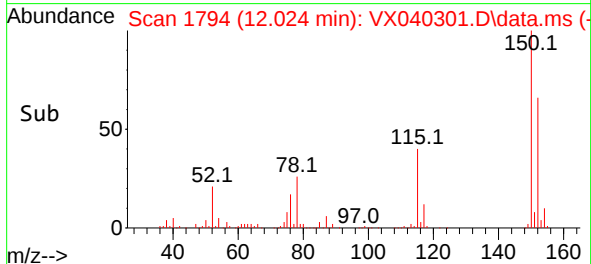
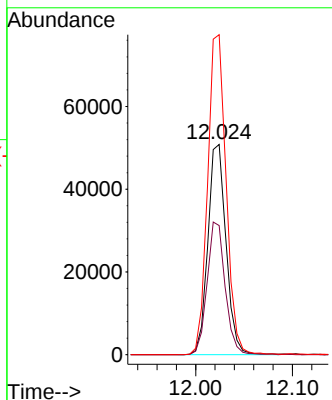
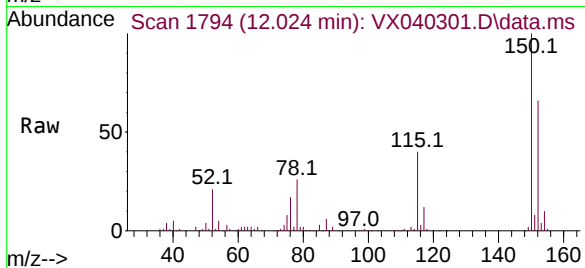




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

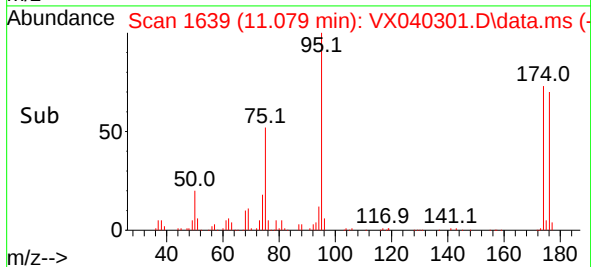
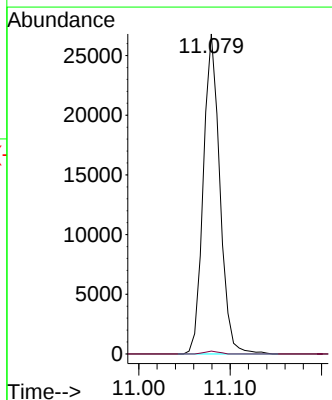
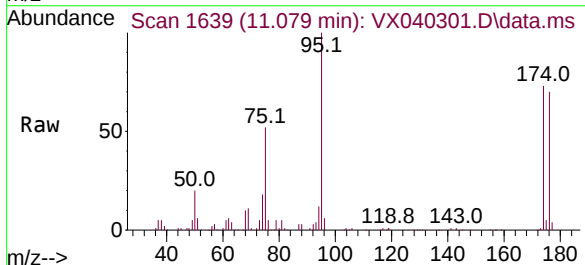
Instrument :
MSVOA_X
ClientSampleId :

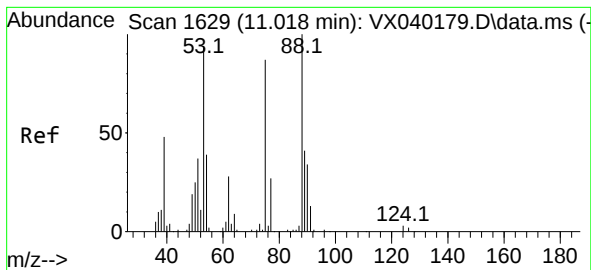
Tgt Ion:152 Resp: 66454
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 154.7 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 25.069 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

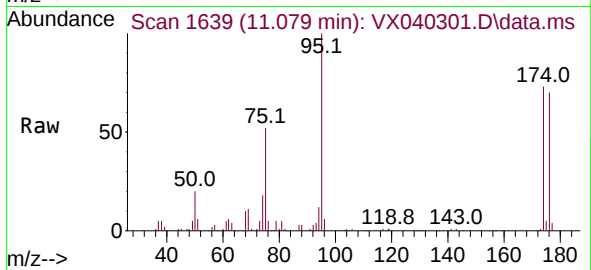
Tgt Ion: 75 Resp: 33736
Ion Ratio Lower Upper
75 100
77 0.8 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.949 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040301.D
 Acq: 17 Feb 2024 14:47

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 33736
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

