

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082621\
 Data File : VX023974.D
 Acq On : 26 Aug 2021 18:41
 Operator : JC/MD
 Sample : M3535-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WVLY-SW-13-GW-082321

Quant Time: Aug 27 05:59:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

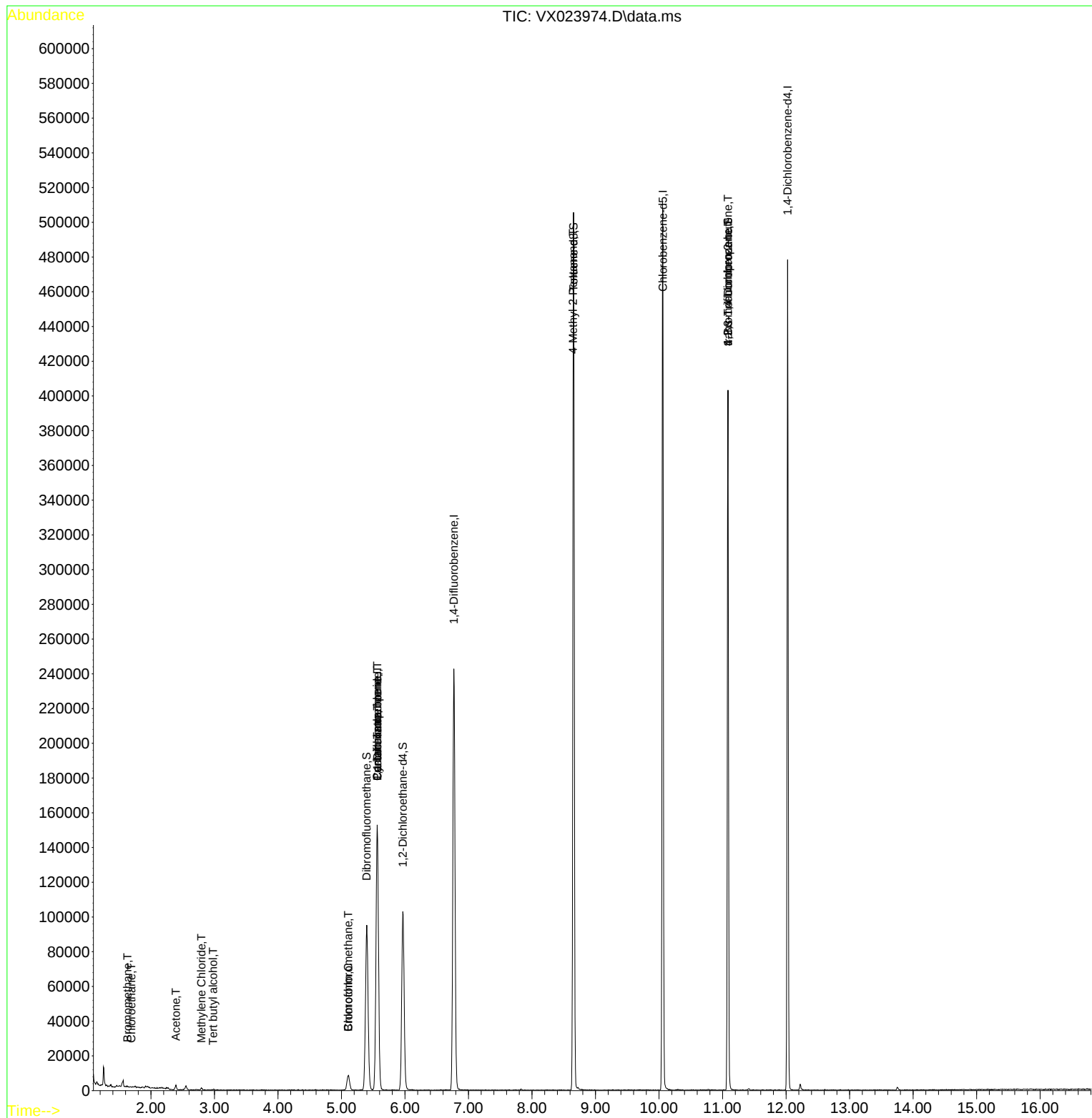
Internal Standards						
1) Pentafluorobenzene	5.562	168	137469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239253	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	223037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103515	53.952	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.900%			
35) Dibromofluoromethane	5.397	113	79374	50.124	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.240%			
50) Toluene-d8	8.653	98	289923	48.103	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.200%			
62) 4-Bromofluorobenzene	11.085	95	101225	45.623	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.240%			
Target Compounds			Qvalue			
5) Bromomethane	1.630	94	404	0.414	ug/l	86
6) Chloroethane	1.691	64	20	2.232	ug/l #	43
11) Tert butyl alcohol	2.977	59	466	1.201	ug/l #	73
16) Acetone	2.392	43	2504	2.919	ug/l #	87
20) Methylene Chloride	2.794	84	561	0.342	ug/l #	81
28) Bromochloromethane	5.105	49	1035	0.845	ug/l #	9
30) Chloroform	5.105	83	9781	3.428	ug/l	98
31) Cyclohexane	5.562	56	3339	1.355	ug/l #	35
36) 1,1-Dichloropropene	5.562	75	11070	4.996	ug/l #	49
38) Carbon Tetrachloride	5.562	117	13969	6.046	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1377	0.500	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	55437	25.439	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55437	74.829	ug/l #	12

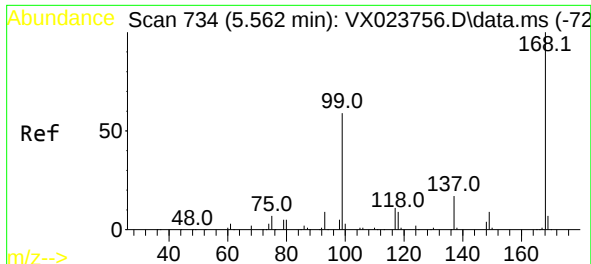
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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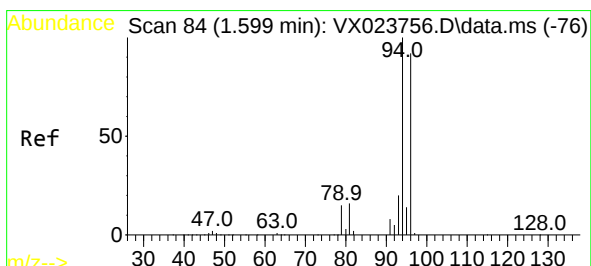
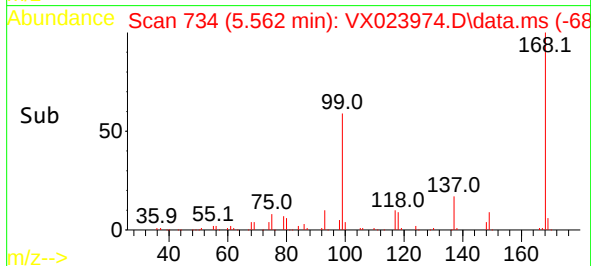
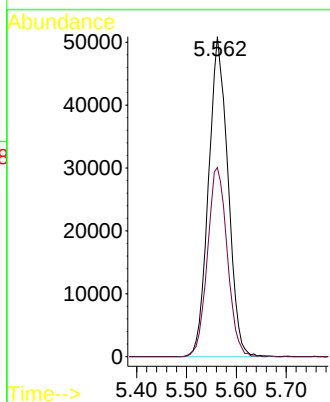
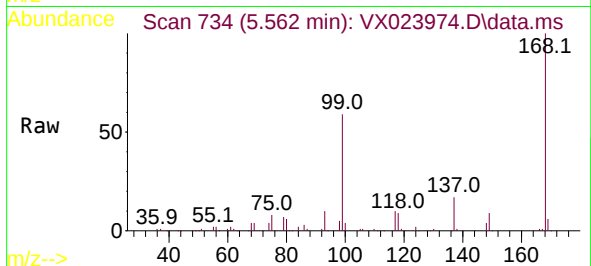




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023974.D
Acq: 26 Aug 2021 18:41

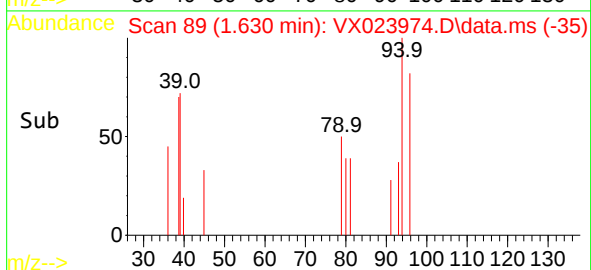
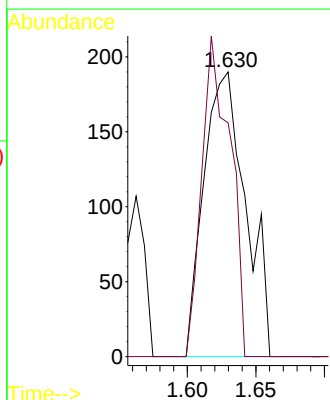
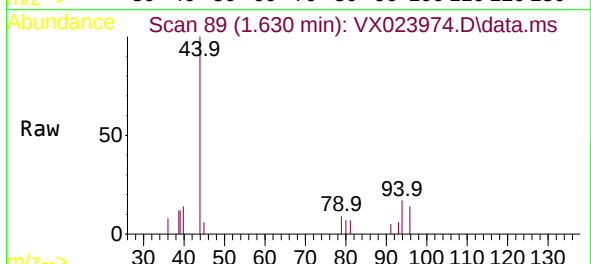
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-13-GW-082321

Tgt Ion:168 Resp: 137469
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.6

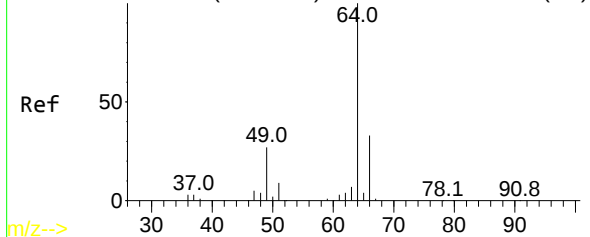


#5
Bromomethane
Concen: 0.414 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX023974.D
Acq: 26 Aug 2021 18:41

Tgt Ion: 94 Resp: 404
Ion Ratio Lower Upper
94 100
96 82.1 76.4 114.6



Abundance Scan 97 (1.679 min): VX023756.D\data.ms (-90)

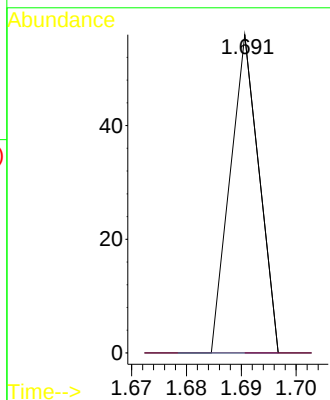
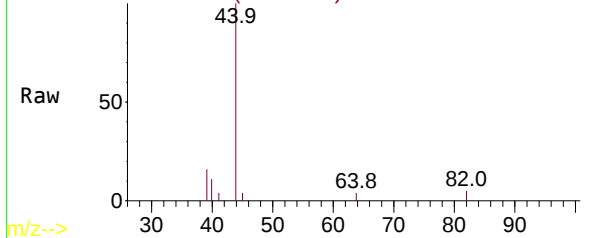


#6
Chloroethane
Concen: 2.232 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX023974.D
Acq: 26 Aug 2021 18:41

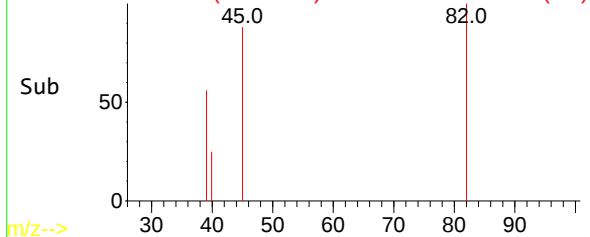
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-13-GW-082321

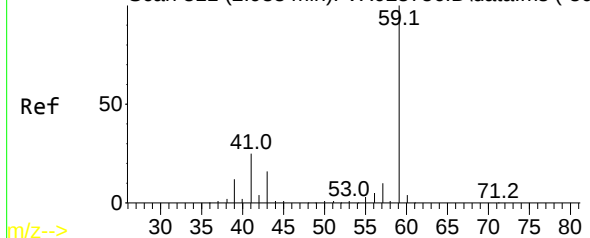
Abundance Scan 99 (1.691 min): VX023974.D\data.ms



Abundance Scan 99 (1.691 min): VX023974.D\data.ms (-48)



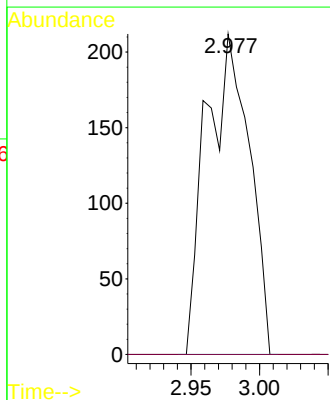
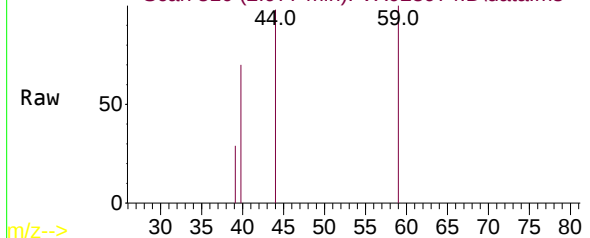
Abundance Scan 311 (2.983 min): VX023756.D\data.ms (-30)



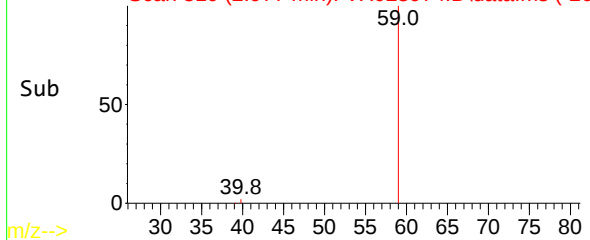
#11
Tert butyl alcohol
Concen: 1.201 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023974.D
Acq: 26 Aug 2021 18:41

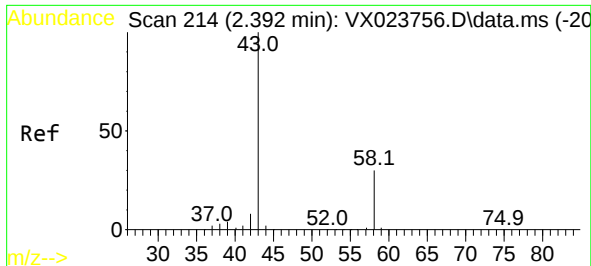
Tgt Ion: 59 Resp: 466
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

Abundance Scan 310 (2.977 min): VX023974.D\data.ms



Abundance Scan 310 (2.977 min): VX023974.D\data.ms (-26)

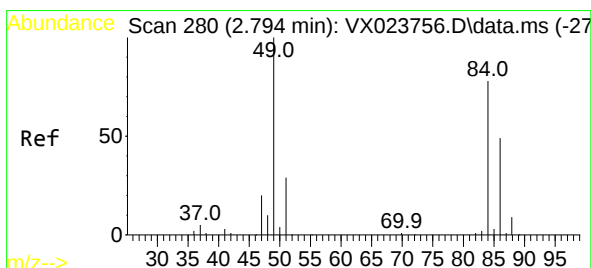
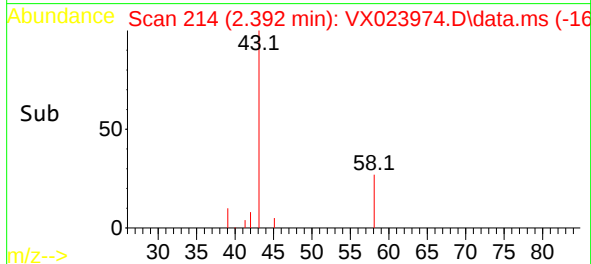
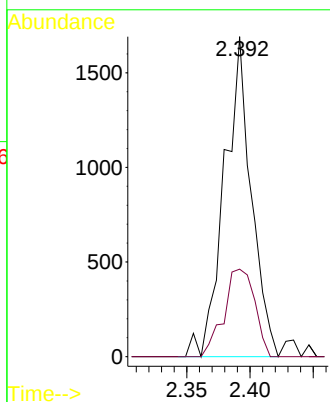
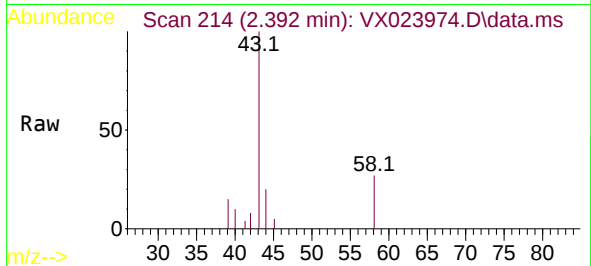




#16
Acetone
Concen: 2.919 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023974.D
Acq: 26 Aug 2021 18:41

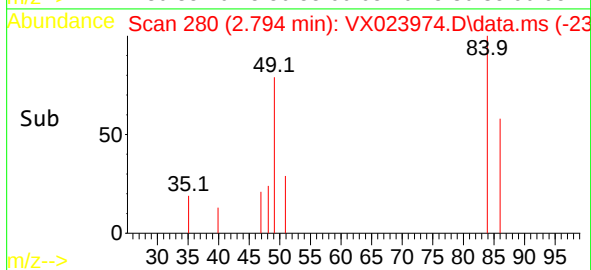
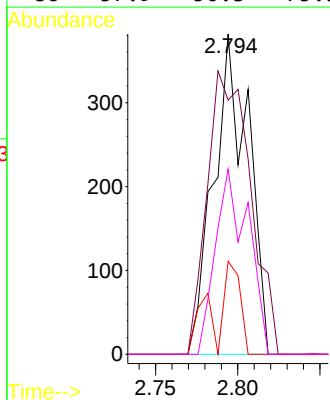
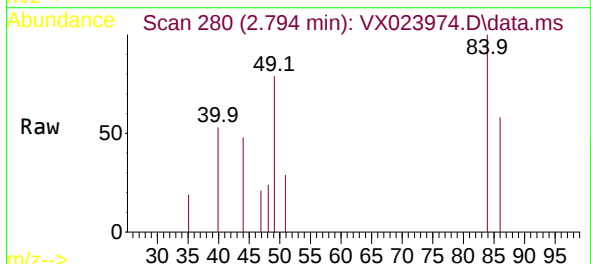
Instrument :
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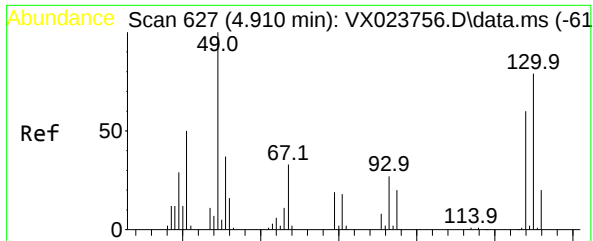
Tgt Ion: 43 Resp: 2504
Ion Ratio Lower Upper
43 100
58 27.3 27.8 41.8#



#20
Methylene Chloride
Concen: 0.342 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023974.D
Acq: 26 Aug 2021 18:41

Tgt Ion: 84 Resp: 561
Ion Ratio Lower Upper
84 100
49 79.3 88.6 132.8#
51 29.1 27.0 40.6
86 57.9 50.3 75.5

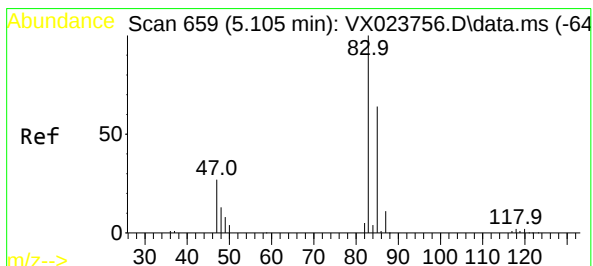
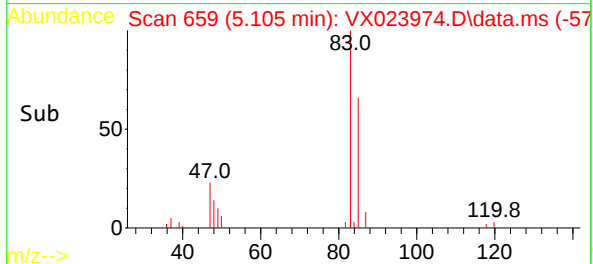
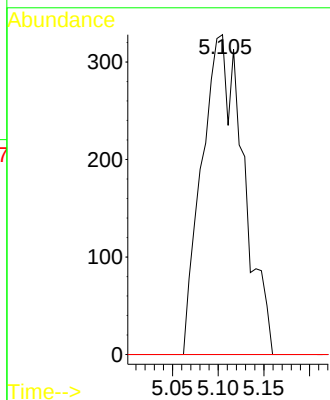
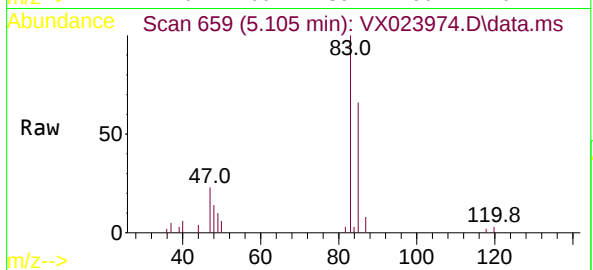




#28
Bromochloromethane
Concen: 0.845 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.195 min
Lab File: VX023974.D
Acq: 26 Aug 2021 18:41

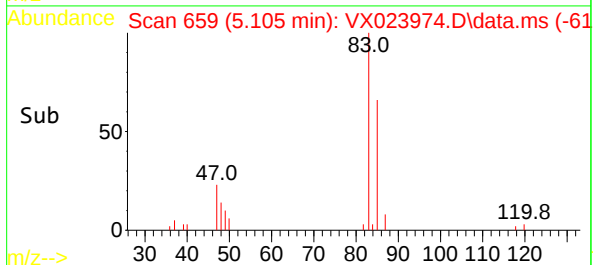
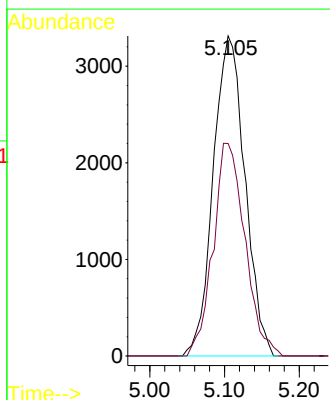
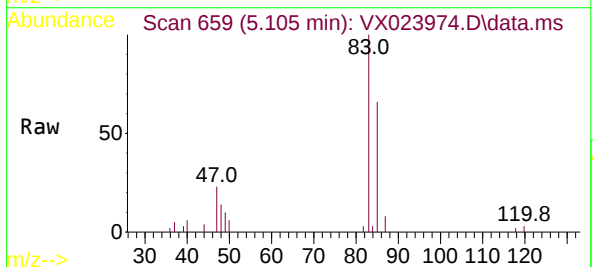
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-13-GW-082321

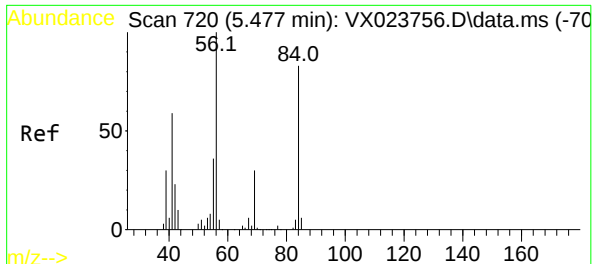
Tgt Ion: 49 Resp: 1035
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#30
Chloroform
Concen: 3.428 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX023974.D
Acq: 26 Aug 2021 18:41

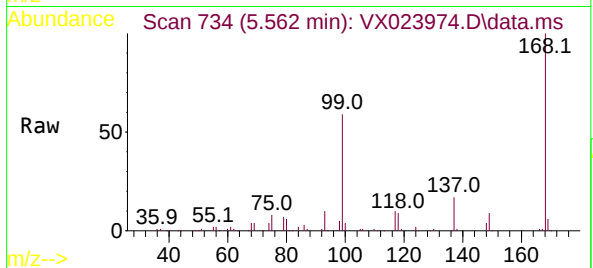
Tgt Ion: 83 Resp: 9781
Ion Ratio Lower Upper
83 100
85 66.4 52.0 78.0



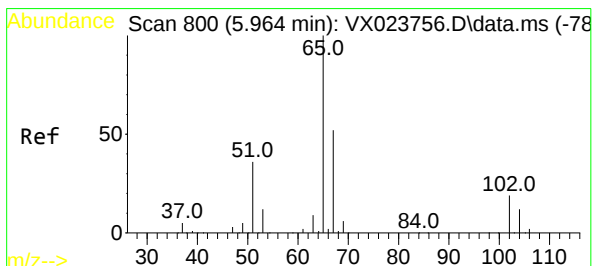
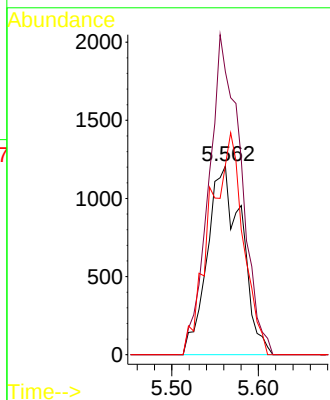
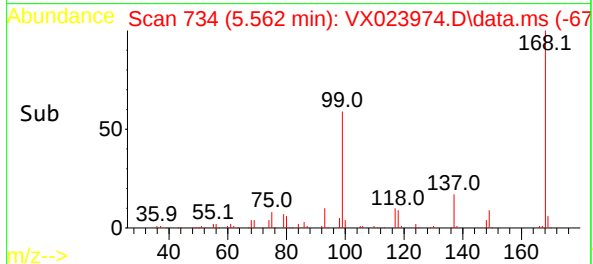


#31
Cyclohexane
Concen: 1.355 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023974.D
Acq: 26 Aug 2021 18:41

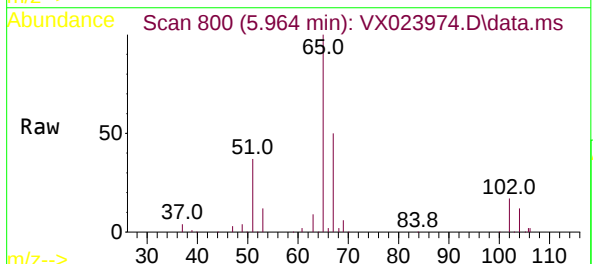
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-13-GW-082321



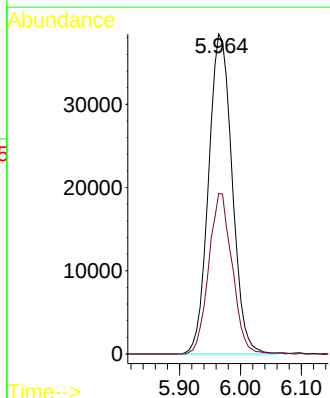
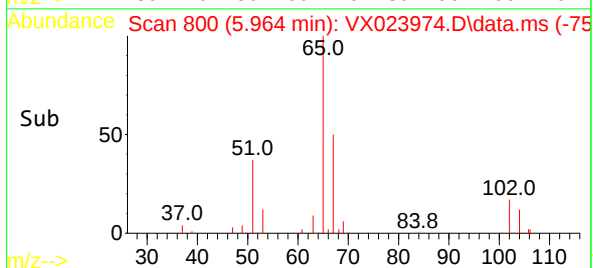
Tgt Ion: 56 Resp: 3339
Ion Ratio Lower Upper
56 100
69 150.0 25.3 37.9#
84 100.6 71.4 107.0

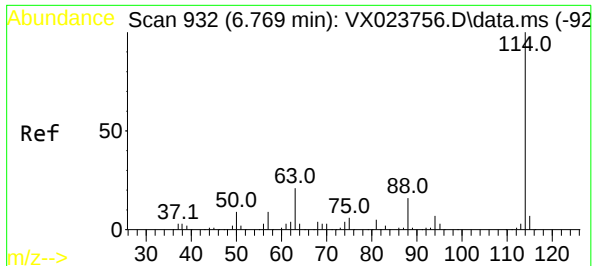


#33
1,2-Dichloroethane-d4
Concen: 53.952 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023974.D
Acq: 26 Aug 2021 18:41



Tgt Ion: 65 Resp: 103515
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

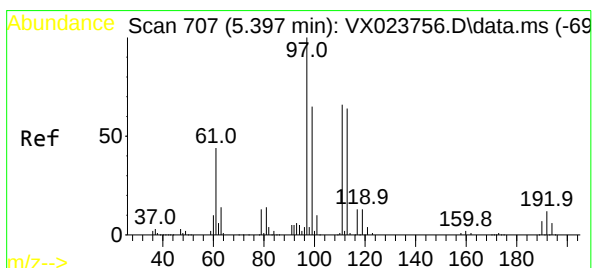
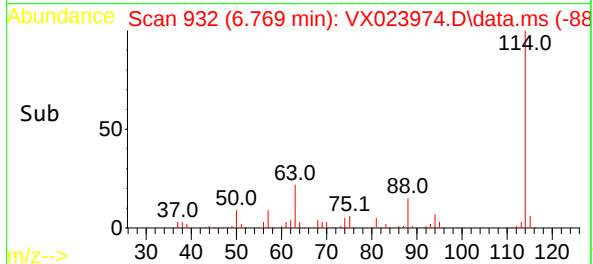
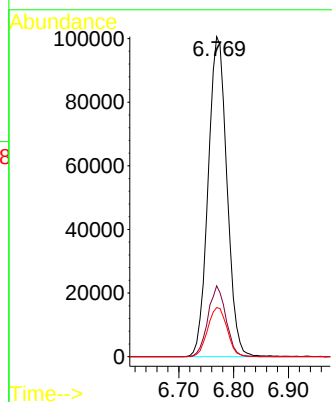
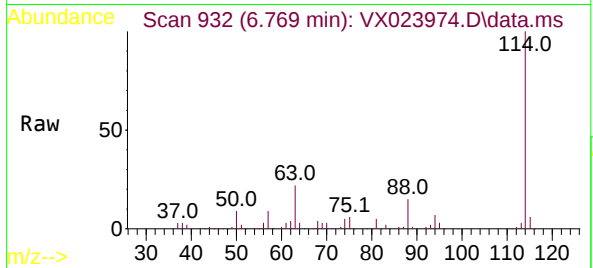




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023974.D
Acq: 26 Aug 2021 18:41

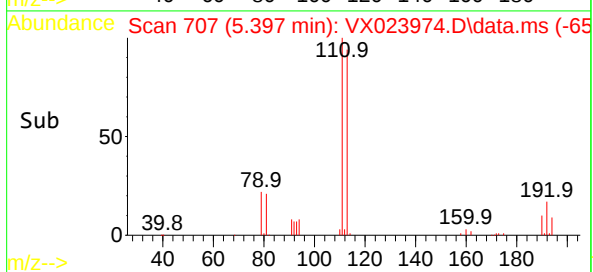
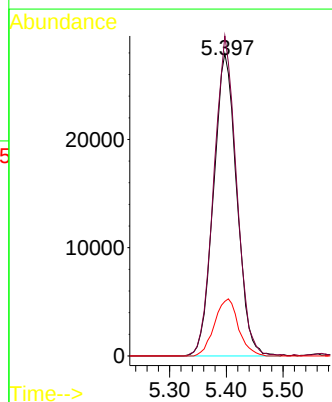
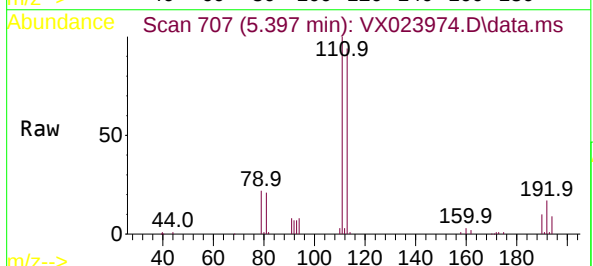
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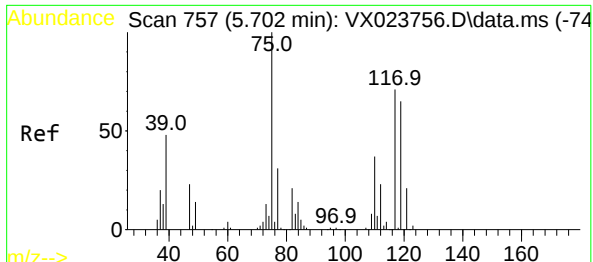
Tgt Ion:114 Resp: 239253
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.8
88 15.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.124 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023974.D
Acq: 26 Aug 2021 18:41

Tgt Ion:113 Resp: 79374
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 19.5 16.7 25.1

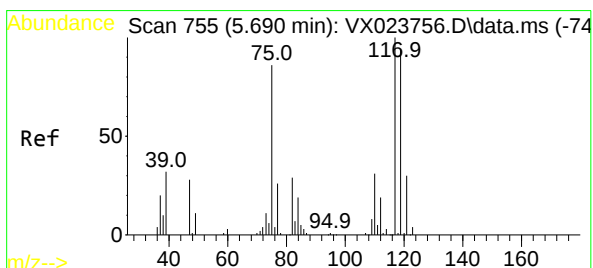
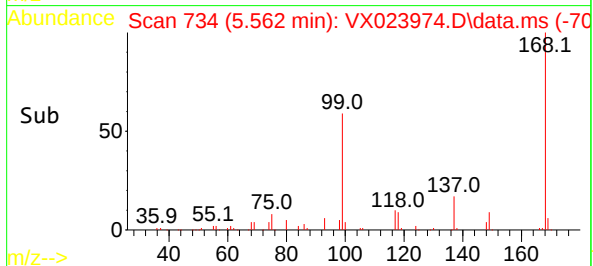
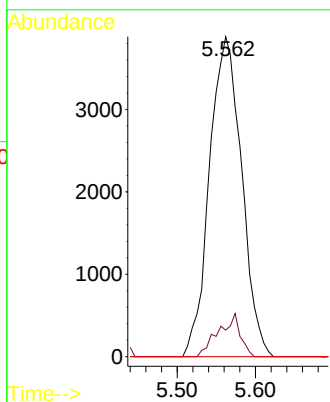
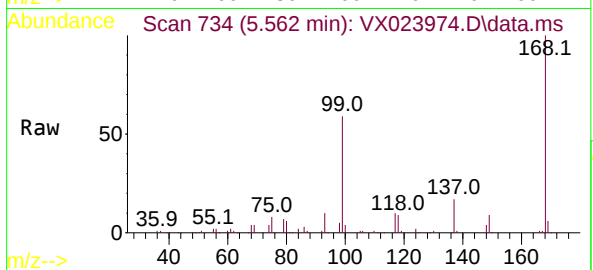




#36
1,1-Dichloropropene
Concen: 4.996 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023974.D
Acq: 26 Aug 2021 18:41

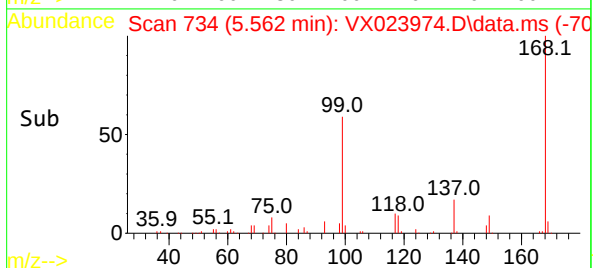
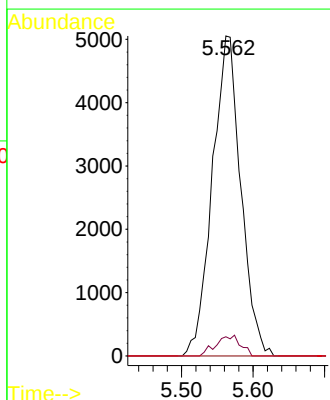
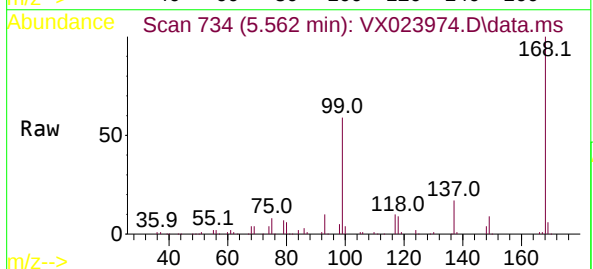
Instrument :
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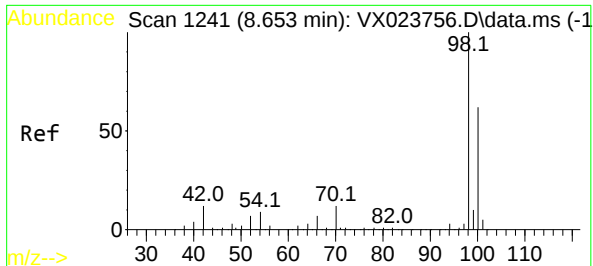
Tgt Ion: 75 Resp: 11070
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.046 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023974.D
Acq: 26 Aug 2021 18:41

Tgt Ion: 117 Resp: 13969
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

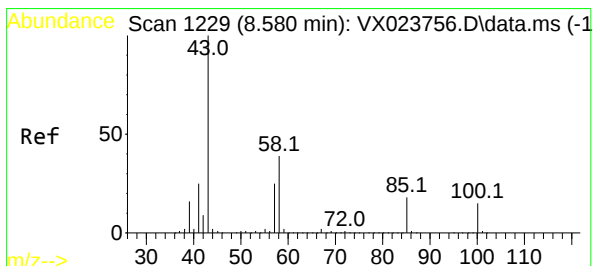
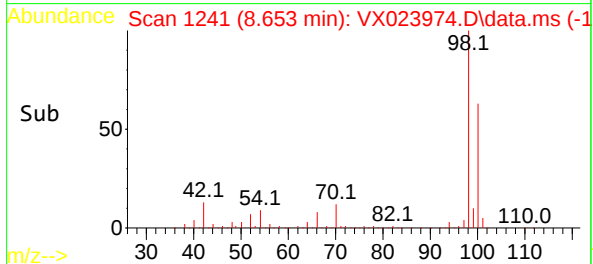
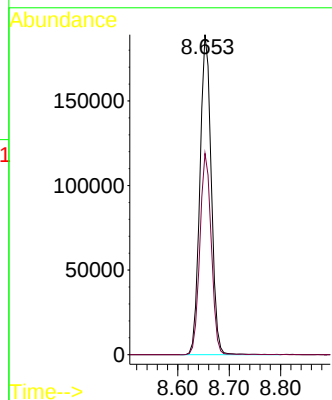
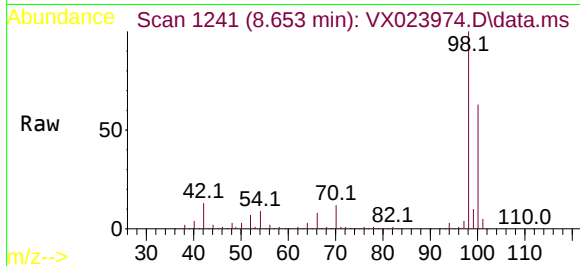




#50
Toluene-d8
Concen: 48.103 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023974.D
Acq: 26 Aug 2021 18:41

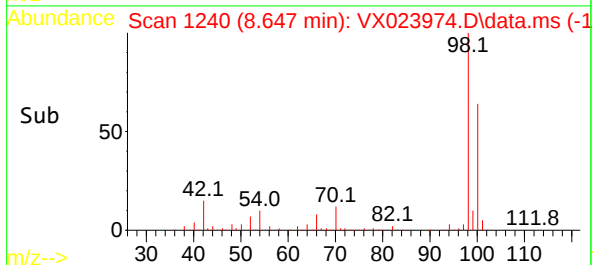
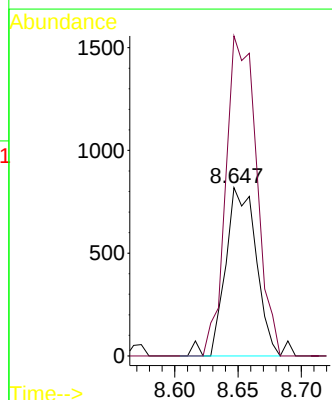
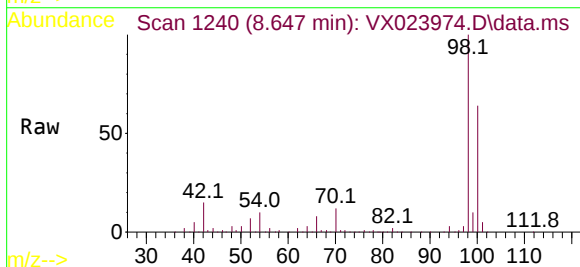
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-13-GW-082321

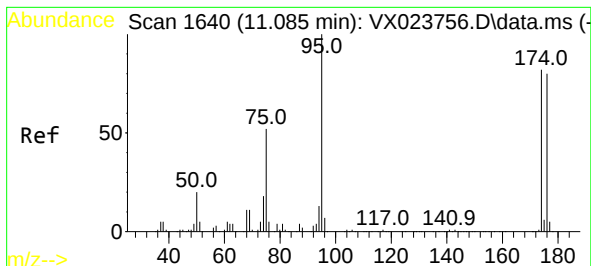
Tgt Ion: 98 Resp: 289923
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.500 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX023974.D
Acq: 26 Aug 2021 18:41

Tgt Ion: 43 Resp: 1377
Ion Ratio Lower Upper
43 100
58 190.6 35.4 53.0#

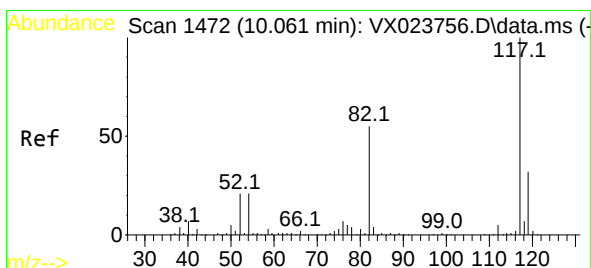
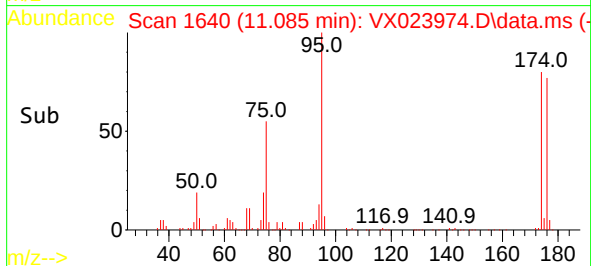
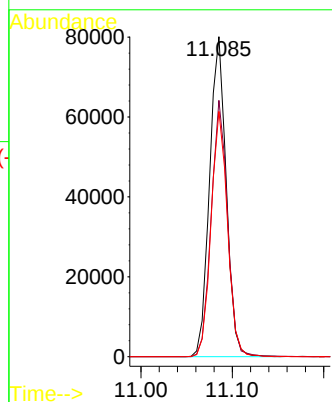
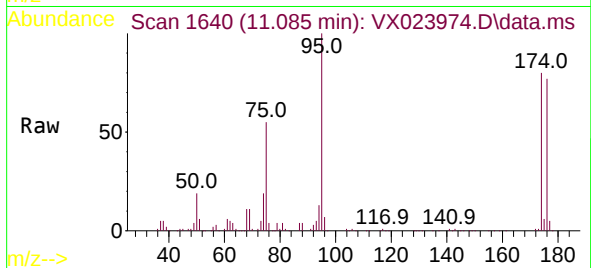




#62
4-Bromofluorobenzene
Concen: 45.623 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023974.D
Acq: 26 Aug 2021 18:41

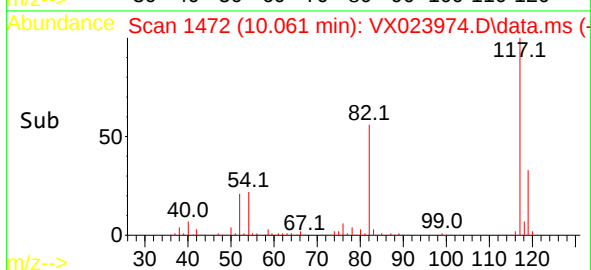
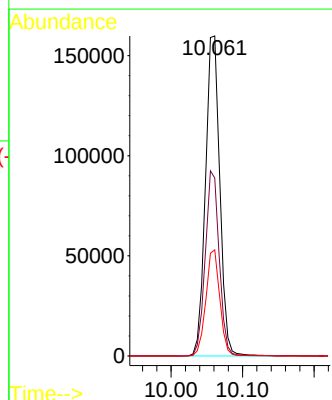
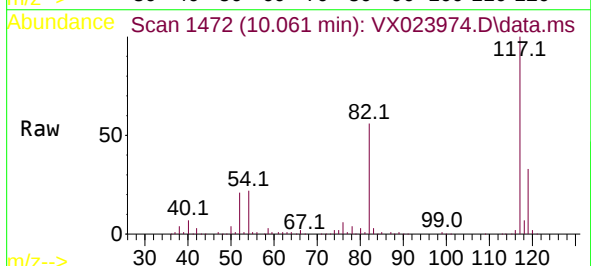
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-13-GW-082321

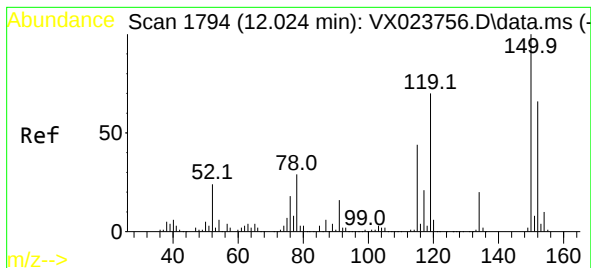
Tgt Ion: 95 Resp: 101225
Ion Ratio Lower Upper
95 100
174 78.8 0.0 154.6
176 75.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023974.D
Acq: 26 Aug 2021 18:41

Tgt Ion: 117 Resp: 223037
Ion Ratio Lower Upper
117 100
82 55.6 47.4 71.2
119 33.1 26.6 39.8

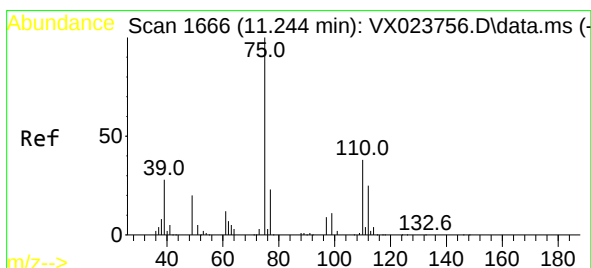
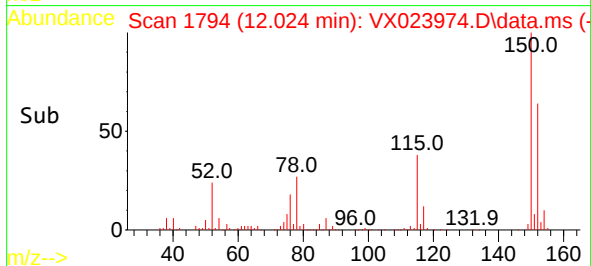
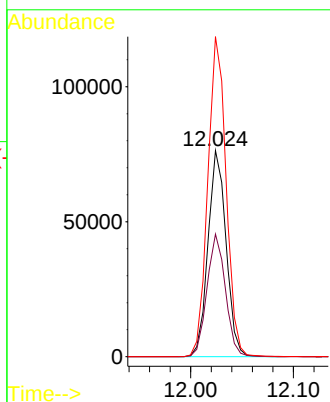
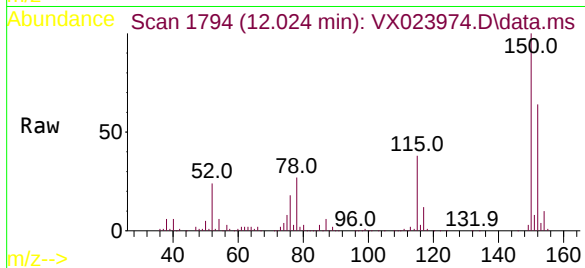




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023974.D
 Acq: 26 Aug 2021 18:41

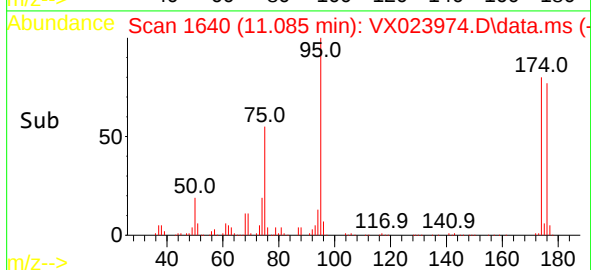
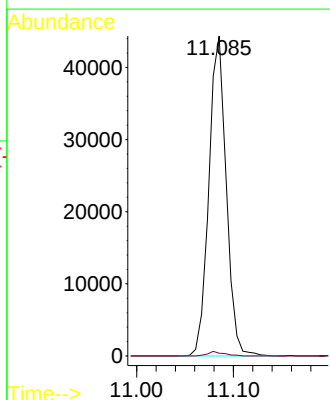
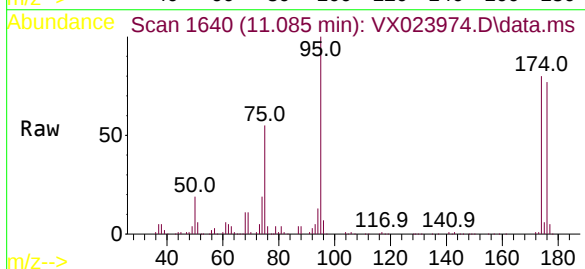
Instrument :
 MSVOA_X
 ClientSampleId :
 WVLY-SW-13-GW-082321

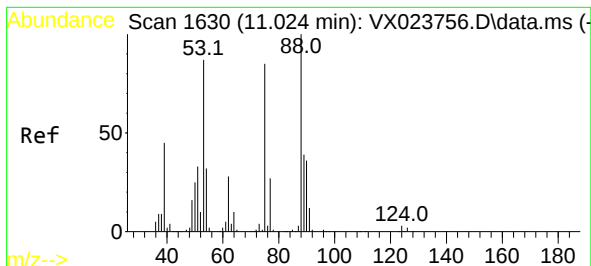
Tgt Ion:152 Resp: 93420
 Ion Ratio Lower Upper
 152 100
 115 60.5 41.1 123.3
 150 157.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.439 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023974.D
 Acq: 26 Aug 2021 18:41

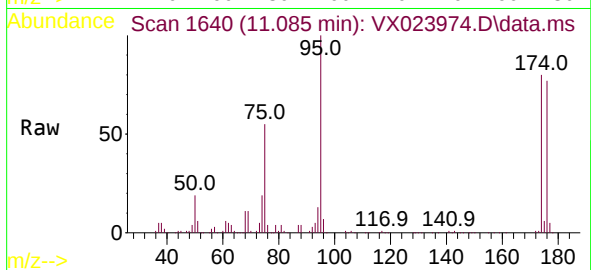
Tgt Ion: 75 Resp: 55437
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.829 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023974.D
 Acq: 26 Aug 2021 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 WVLY-SW-13-GW-082321



Tgt Ion: 75 Resp: 55437
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

