

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082521\
 Data File : VX023941.D
 Acq On : 25 Aug 2021 16:17
 Operator : JC/MD
 Sample : M3525-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WVLY-SW-11-GW-082021

Quant Time: Aug 26 07:36:57 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)

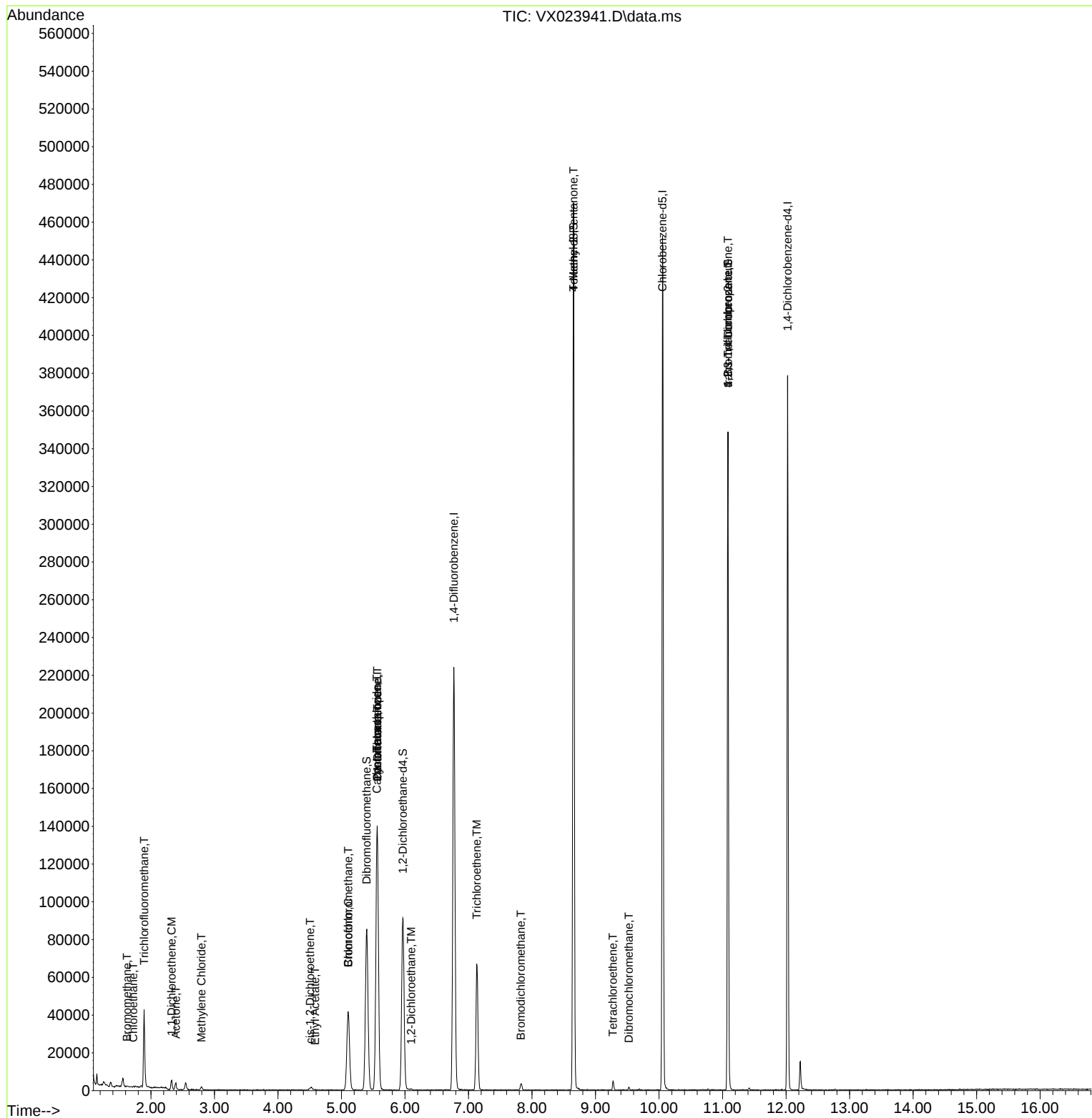
Internal Standards						
1) Pentafluorobenzene	5.562	168	130323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	220055	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	92432	50.818	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	101.640%		
35) Dibromofluoromethane	5.397	113	71967	49.411	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.820%		
50) Toluene-d8	8.653	98	269063	48.537	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.080%		
62) 4-Bromofluorobenzene	11.085	95	86277	42.278	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.560%		
Target Compounds					Qvalue	
5) Bromomethane	1.624	94	463	0.500	ug/l #	72
6) Chloroethane	1.721	64	144	2.329	ug/l #	43
7) Trichlorofluoromethane	1.892	101	23446	10.085	ug/l	99
12) 1,1-Dichloroethene	2.325	96	1589	1.270	ug/l	99
16) Acetone	2.392	43	3664	4.505	ug/l	99
20) Methylene Chloride	2.794	84	787	0.507	ug/l #	89
27) cis-1,2-Dichloroethene	4.507	96	375	0.236	ug/l	73
28) Bromochloromethane	5.105	49	4104	3.533	ug/l #	9
30) Chloroform	5.105	83	48995	18.111	ug/l	98
31) Cyclohexane	5.562	56	2899	1.241	ug/l #	18
36) 1,1-Dichloropropene	5.562	75	10668	5.235	ug/l #	50
37) Ethyl Acetate	4.586	43	511	0.204	ug/l #	64
38) Carbon Tetrachloride	5.556	117	13571	6.386	ug/l #	17
42) 1,2-Dichloroethane	6.098	62	622	0.263	ug/l #	73
44) Trichloroethene	7.129	130	25576	15.365	ug/l	99
47) Bromodichloromethane	7.824	83	2451	1.217	ug/l #	81
51) 4-Methyl-2-Pentanone	8.653	43	1441	0.569	ug/l #	1
60) Dibromochloromethane	9.525	129	416	1.914	ug/l	96
64) Tetrachloroethene	9.275	164	870	0.550	ug/l #	87
76) 1,2,3-Trichloropropane	11.085	75	47202	26.726	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	47202	78.616	ug/l #	12

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

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MSVOA_X
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WVLY-SW-11-GW-082021

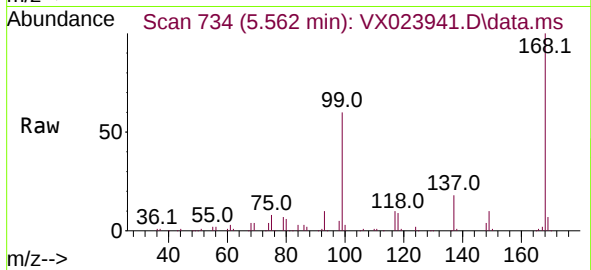
Quant Time: Aug 26 07:36:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
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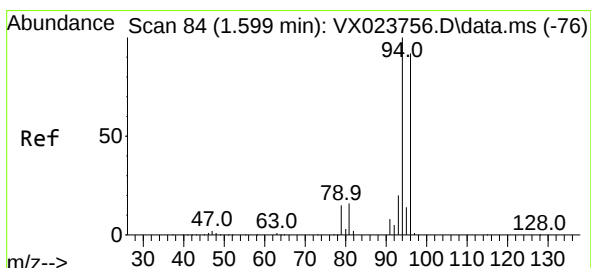
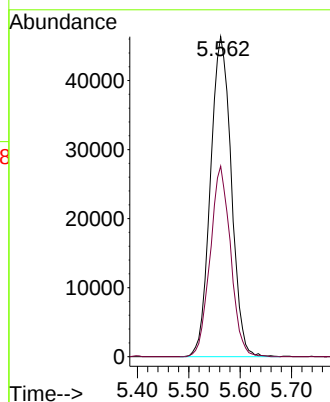
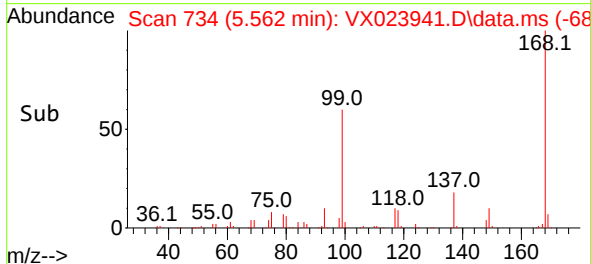


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

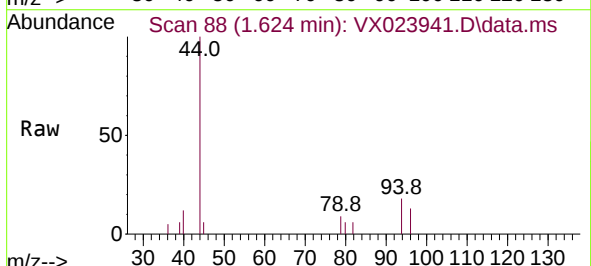
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-11-GW-082021



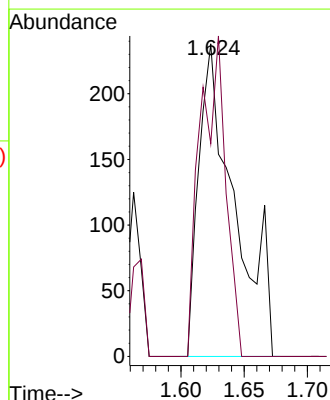
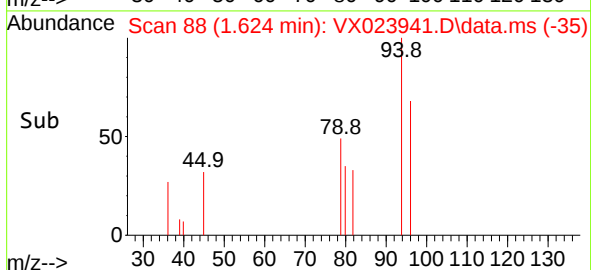
Tgt Ion:168 Resp: 130323
Ion Ratio Lower Upper
168 100
99 59.5 45.8 68.6

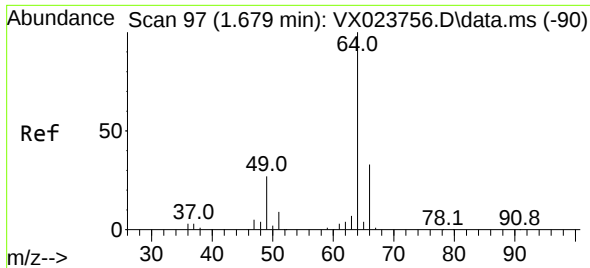


#5
Bromomethane
Concen: 0.500 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17



Tgt Ion: 94 Resp: 463
Ion Ratio Lower Upper
94 100
96 68.1 76.4 114.6#

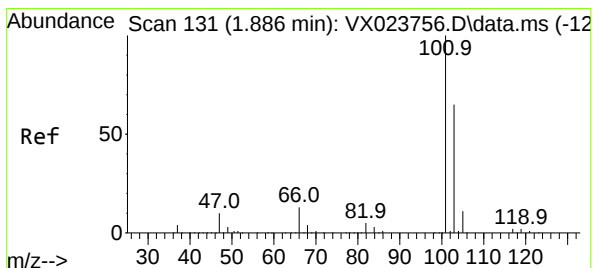
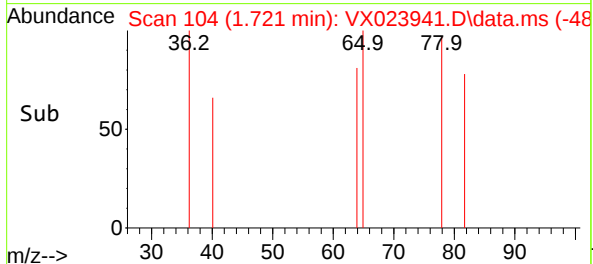
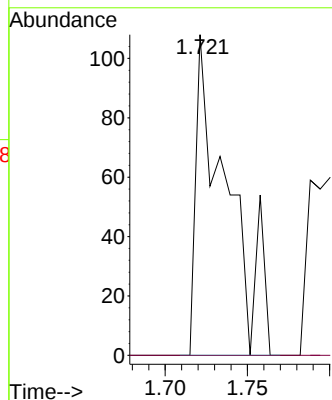
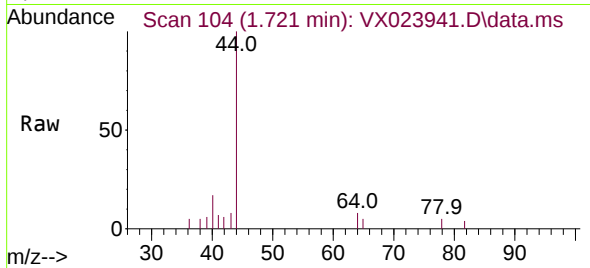




#6
Chloroethane
Concen: 2.329 ug/l
RT: 1.721 min Scan# 104
Delta R.T. 0.042 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

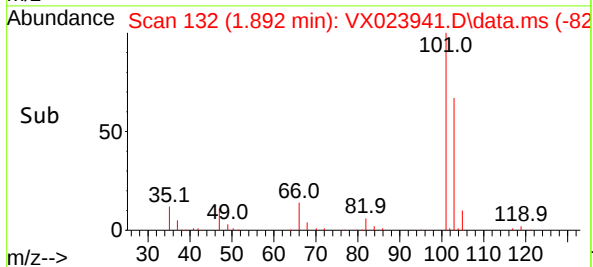
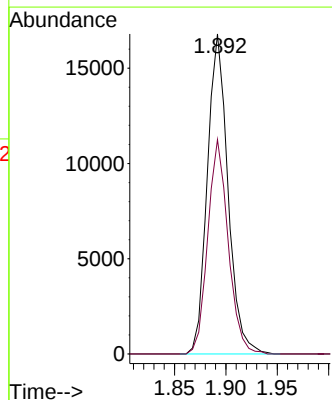
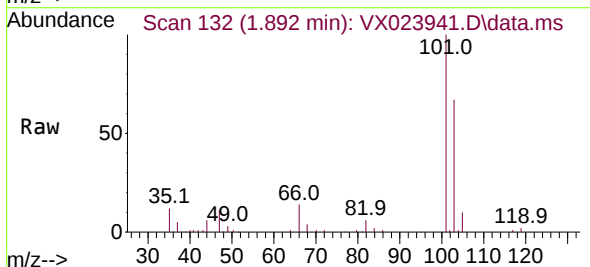
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-11-GW-082021

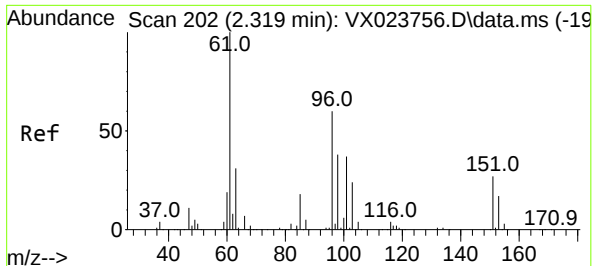
Tgt Ion: 64 Resp: 144
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#7
Trichlorofluoromethane
Concen: 10.085 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

Tgt Ion:101 Resp: 23446
Ion Ratio Lower Upper
101 100
103 67.0 53.2 79.8





#12

1,1-Dichloroethene

Concen: 1.270 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX023941.D

Acq: 25 Aug 2021 16:17

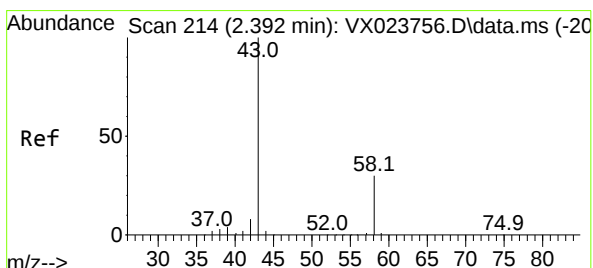
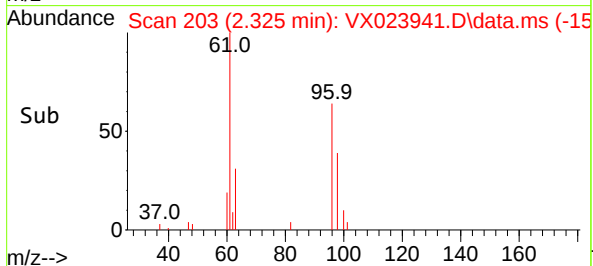
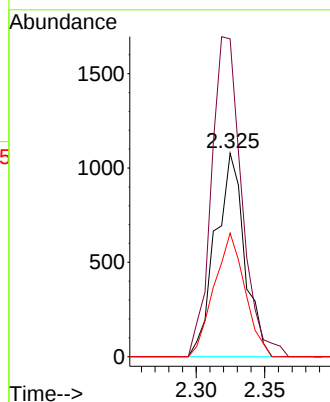
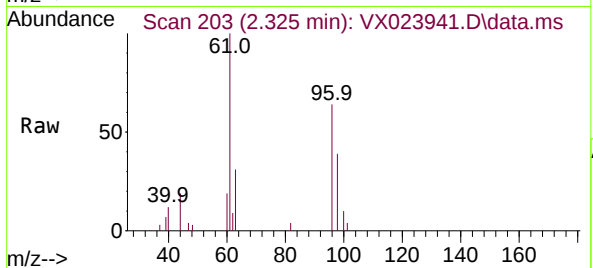
Tgt Ion: 96 Resp: 1589

Ion Ratio Lower Upper

96 100

61 156.2 124.6 187.0

98 60.8 50.6 76.0



#16

Acetone

Concen: 4.505 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX023941.D

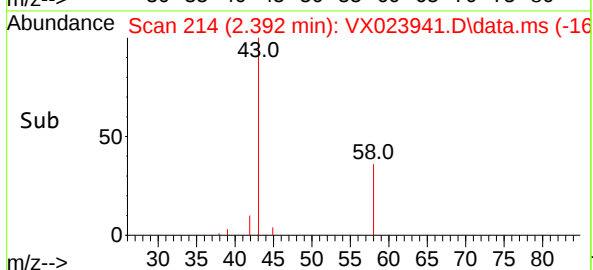
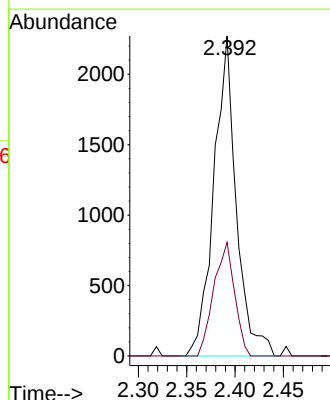
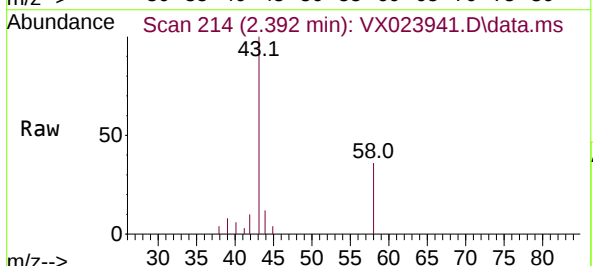
Acq: 25 Aug 2021 16:17

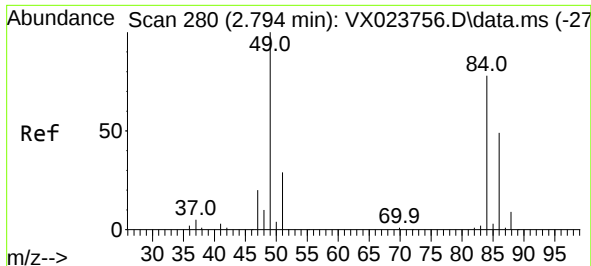
Tgt Ion: 43 Resp: 3664

Ion Ratio Lower Upper

43 100

58 35.5 27.8 41.8

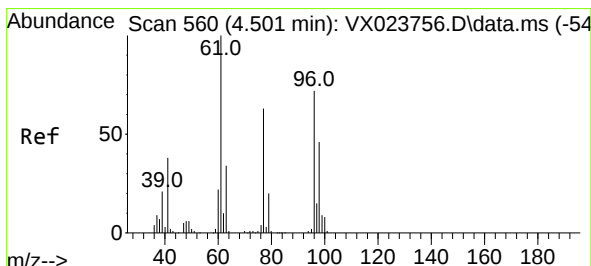
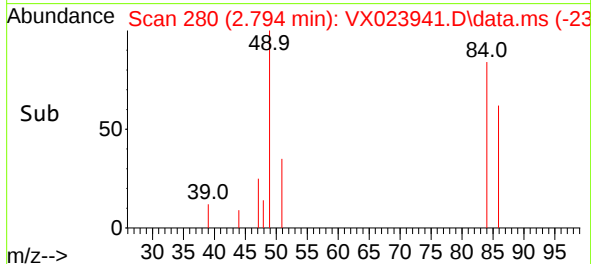
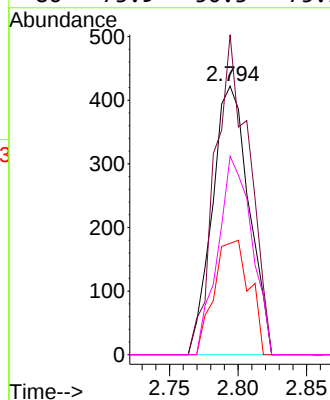
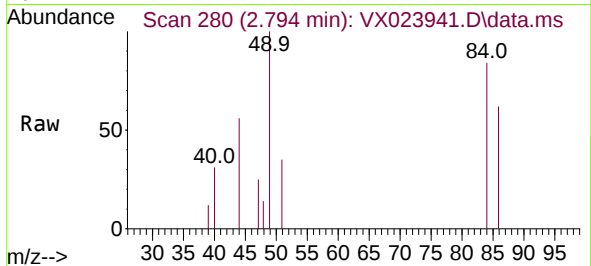




#20
Methylene Chloride
Concen: 0.507 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

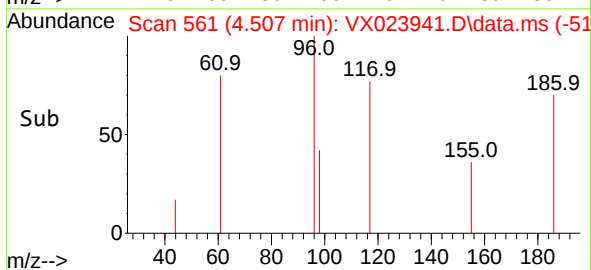
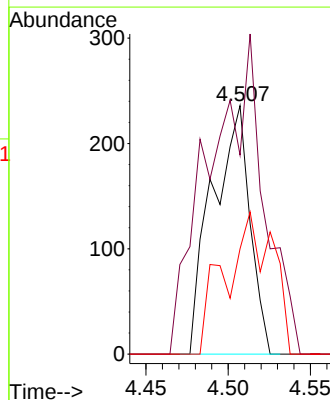
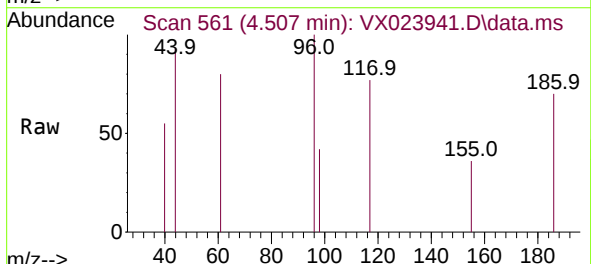
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-11-GW-082021

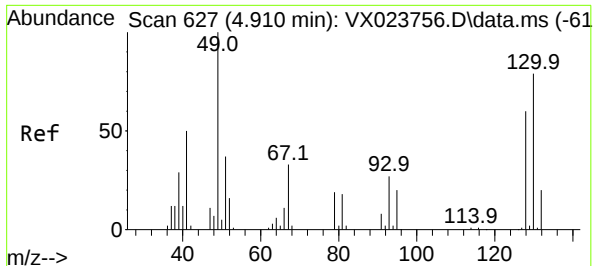
Tgt Ion: 84	Resp:	787	
Ion	Ratio	Lower	Upper
84	100		
49	119.2	88.6	132.8
51	41.5	27.0	40.6#
86	73.9	50.3	75.5



#27
cis-1,2-Dichloroethene
Concen: 0.236 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.006 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

Tgt Ion: 96	Resp:	375	
Ion	Ratio	Lower	Upper
96	100		
61	186.1	0.0	285.6
98	72.0	0.0	129.6

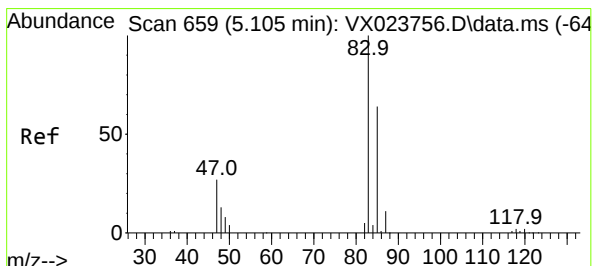
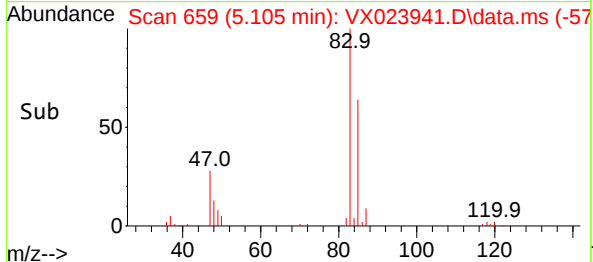
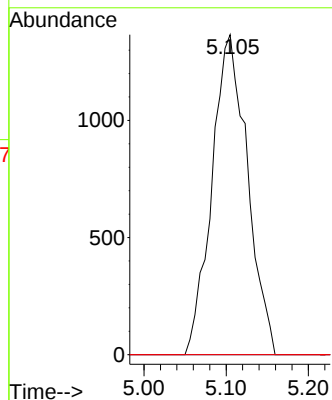
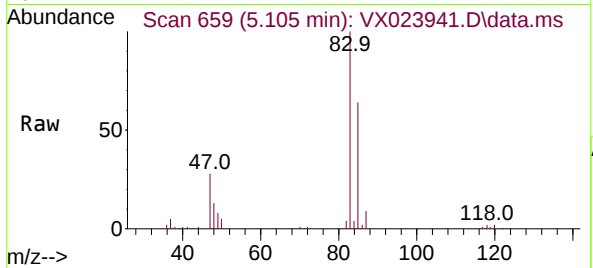




#28
Bromochloromethane
Concen: 3.533 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.195 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

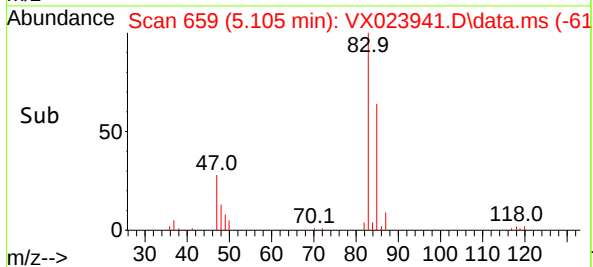
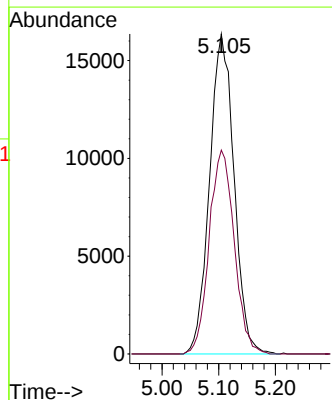
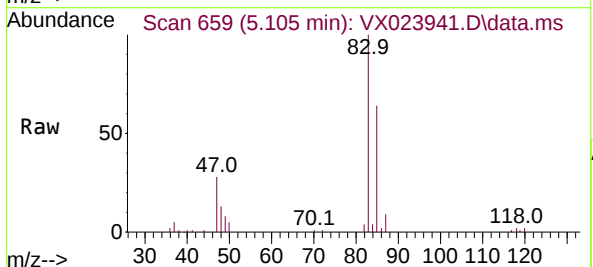
Instrument :
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ClientSampleId :
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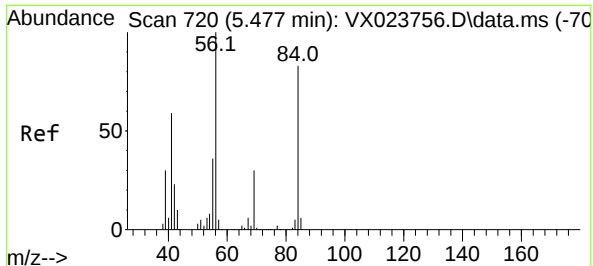
Tgt Ion: 49 Resp: 4104
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#30
Chloroform
Concen: 18.111 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

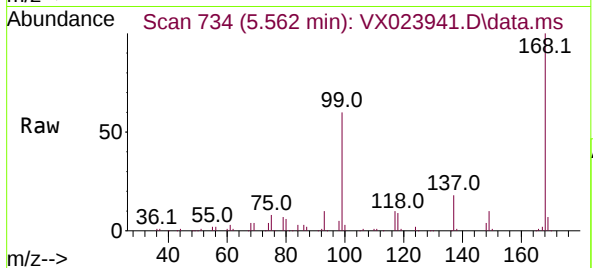
Tgt Ion: 83 Resp: 48995
Ion Ratio Lower Upper
83 100
85 63.7 52.0 78.0



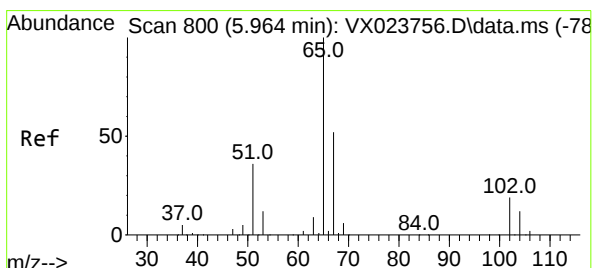
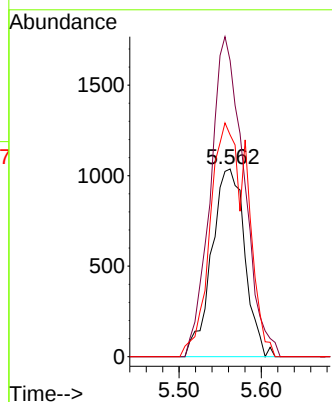
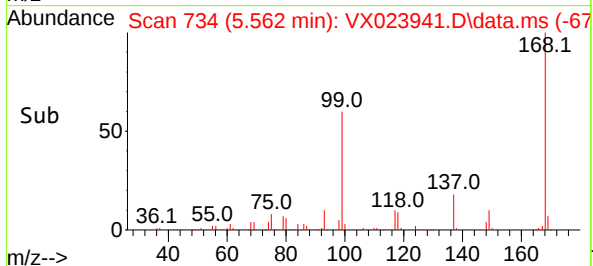


#31
Cyclohexane
Concen: 1.241 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

Instrument :
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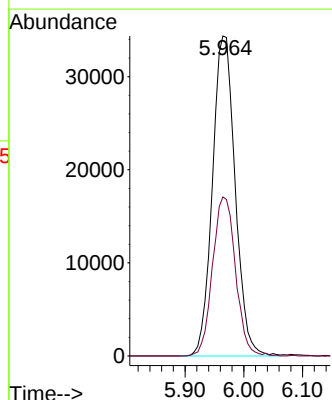
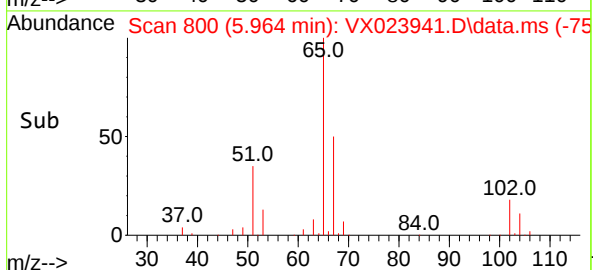
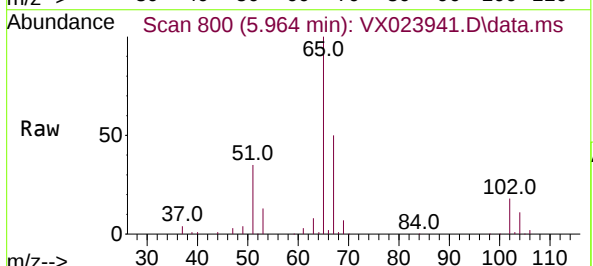


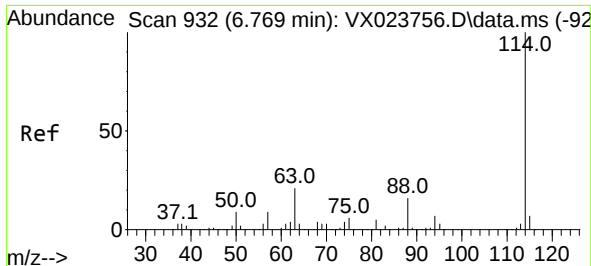
Tgt Ion: 56 Resp: 2899
Ion Ratio Lower Upper
56 100
69 157.7 25.3 37.9#
84 118.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.818 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

Tgt Ion: 65 Resp: 92432
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

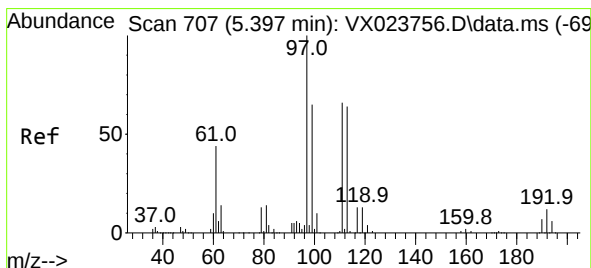
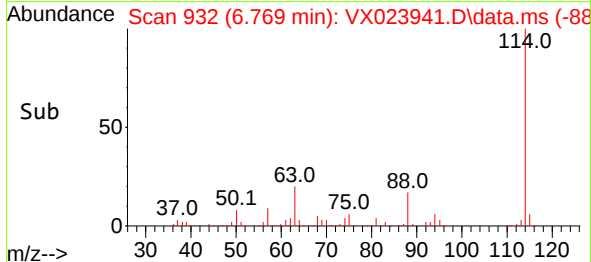
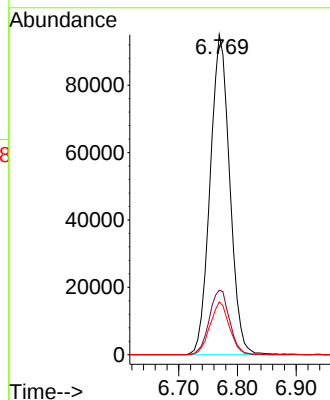
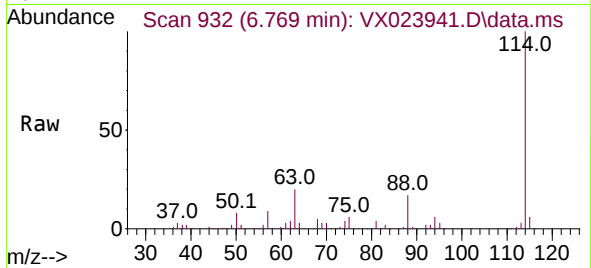




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

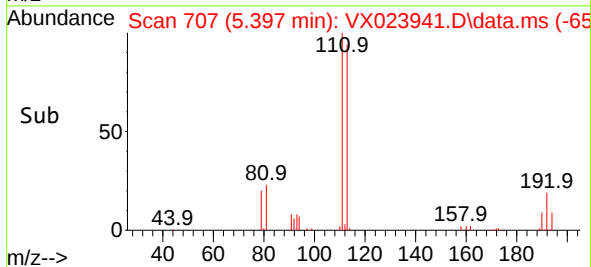
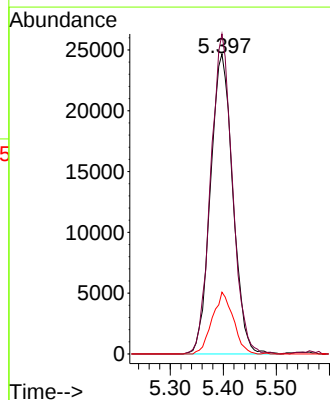
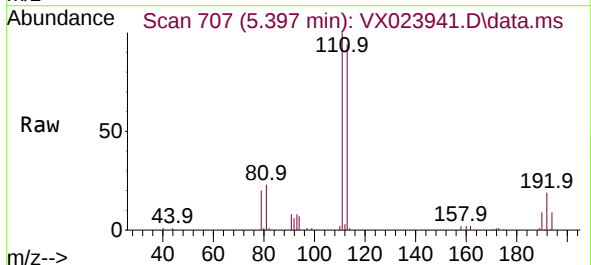
Instrument :
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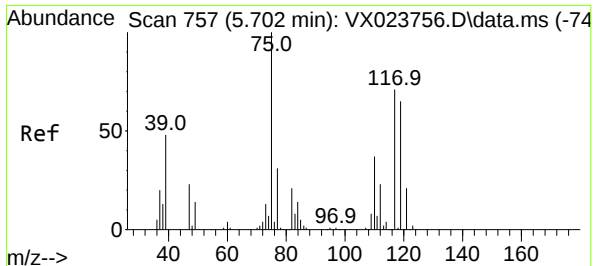
Tgt Ion:114 Resp: 220055
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.411 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

Tgt Ion:113 Resp: 71967
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 19.4 16.7 25.1

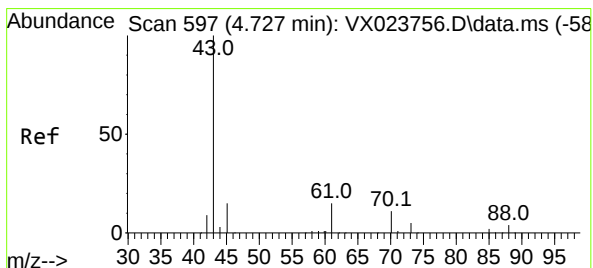
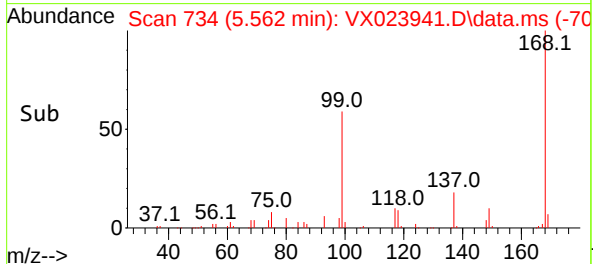
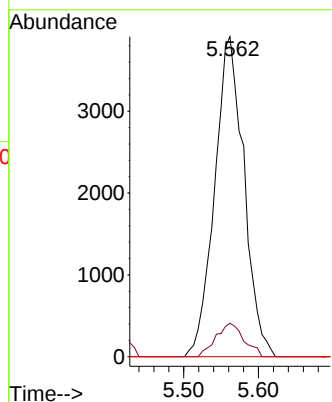
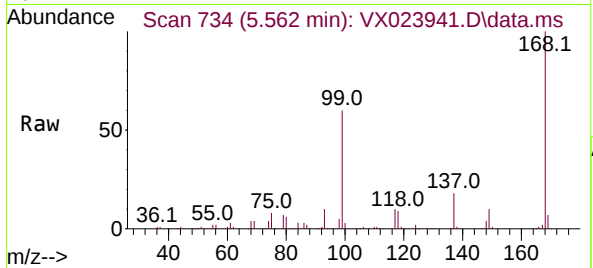




#36
1,1-Dichloropropene
Concen: 5.235 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

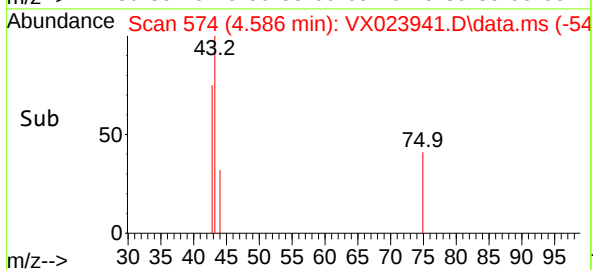
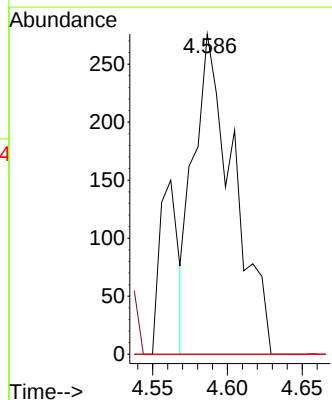
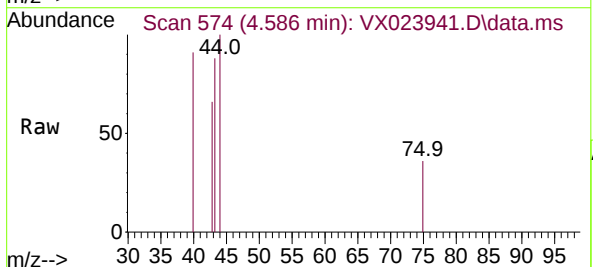
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-11-GW-082021

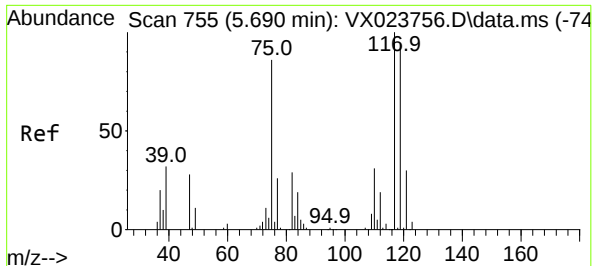
Tgt Ion: 75 Resp: 10668
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 0.204 ug/l
RT: 4.586 min Scan# 574
Delta R.T. -0.141 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

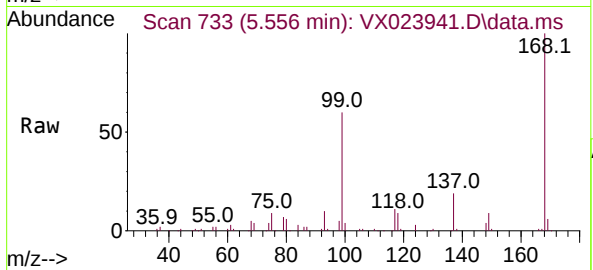
Tgt Ion: 43 Resp: 511
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



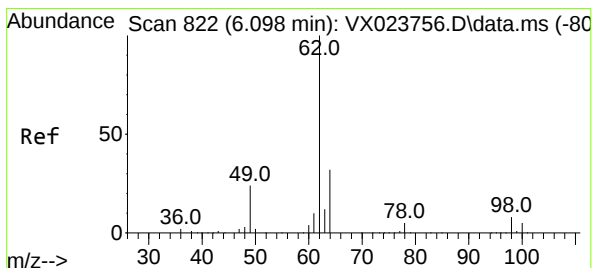
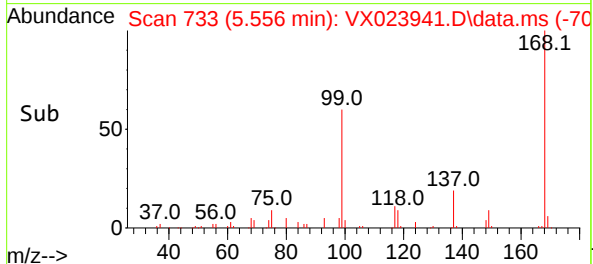
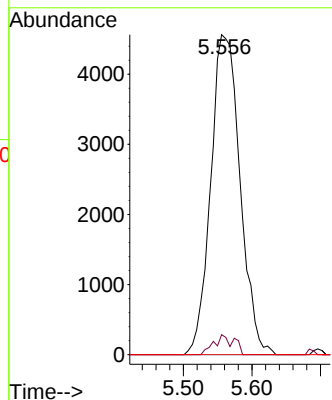


#38
Carbon Tetrachloride
Concen: 6.386 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-11-GW-082021

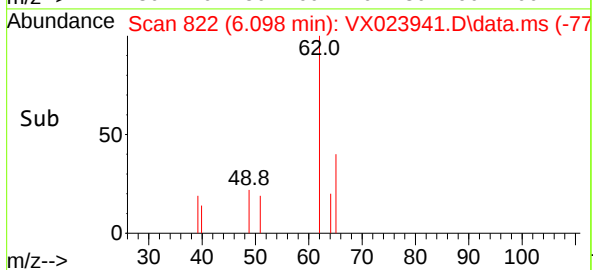
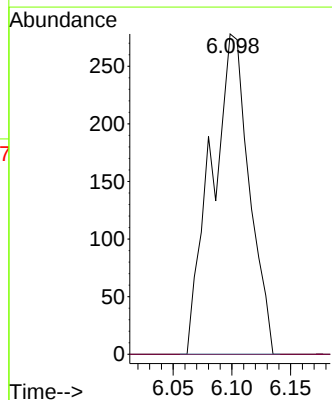
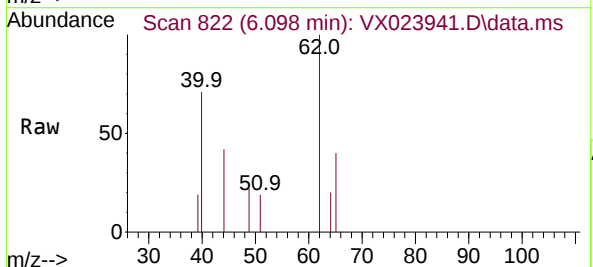


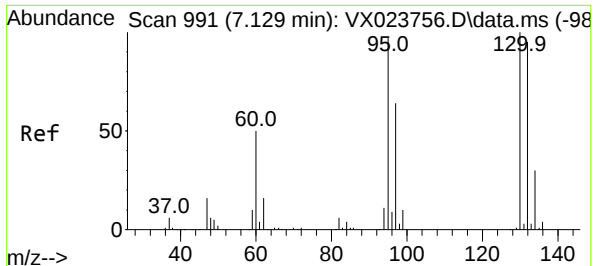
Tgt Ion:117 Resp: 13571
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#



#42
1,2-Dichloroethane
Concen: 0.263 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

Tgt Ion: 62 Resp: 622
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.2

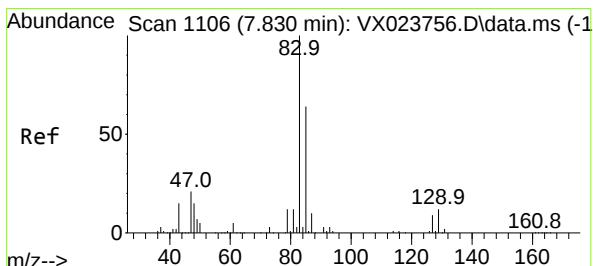
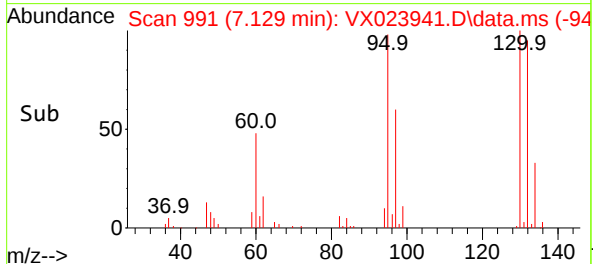
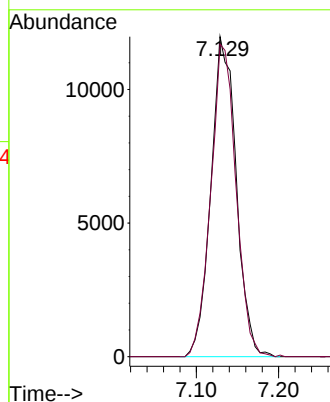
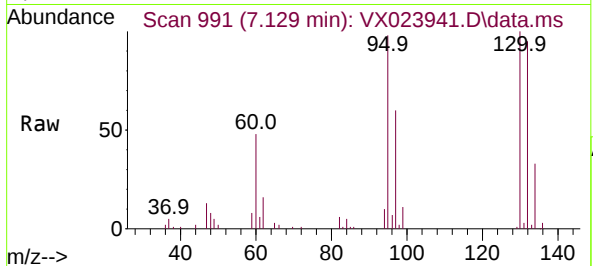




#44
Trichloroethene
Concen: 15.365 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

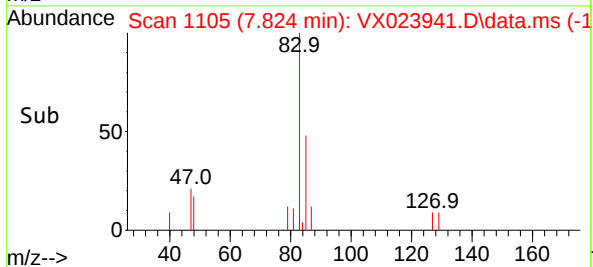
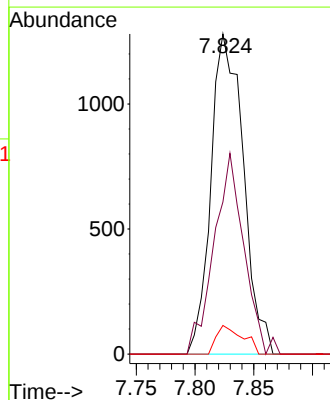
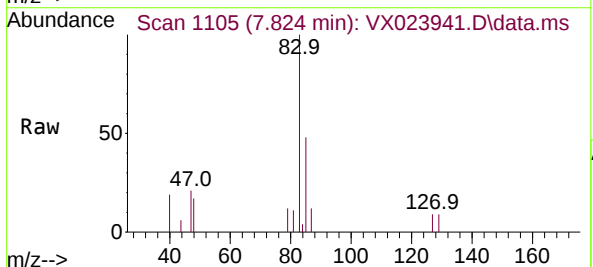
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-11-GW-082021

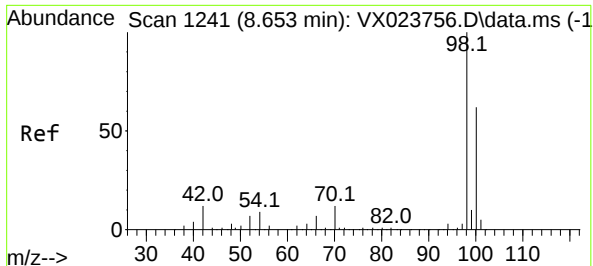
Tgt Ion:130 Resp: 25576
Ion Ratio Lower Upper
130 100
95 97.7 0.0 198.0



#47
Bromodichloromethane
Concen: 1.217 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

Tgt Ion: 83 Resp: 2451
Ion Ratio Lower Upper
83 100
85 47.5 51.4 77.0#
127 8.9 6.8 10.2

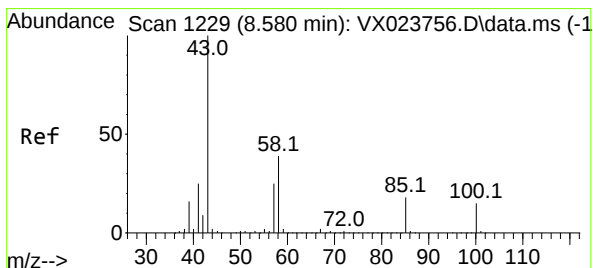
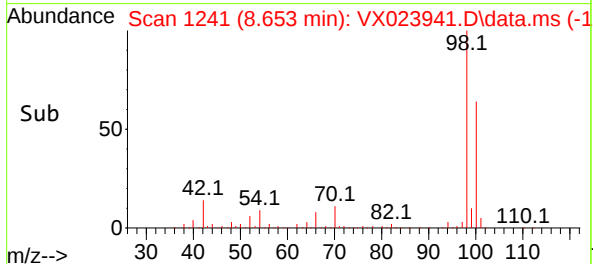
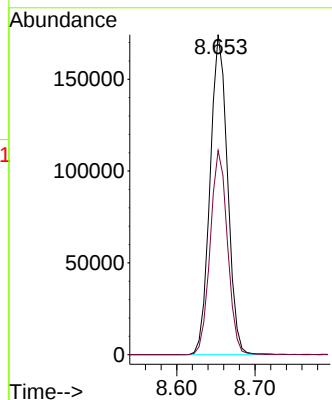
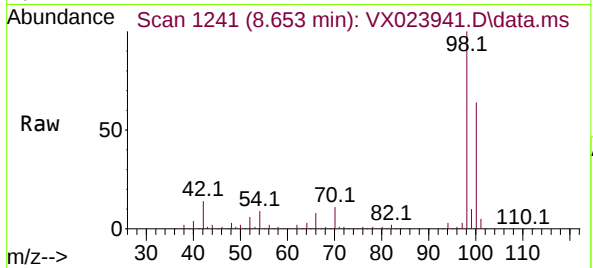




#50
Toluene-d8
Concen: 48.537 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

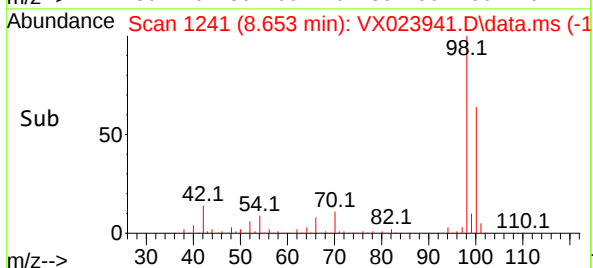
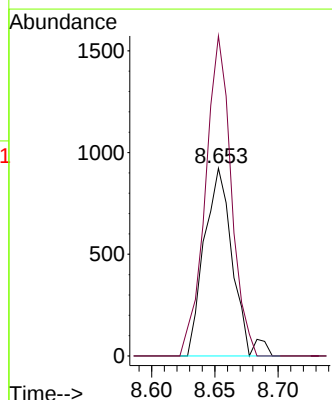
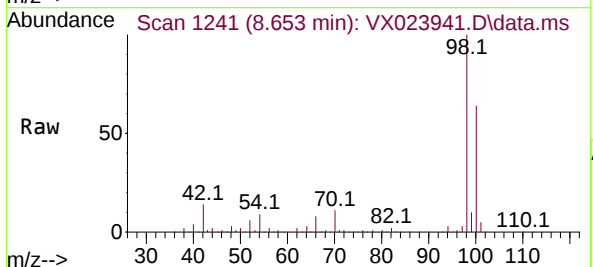
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-11-GW-082021

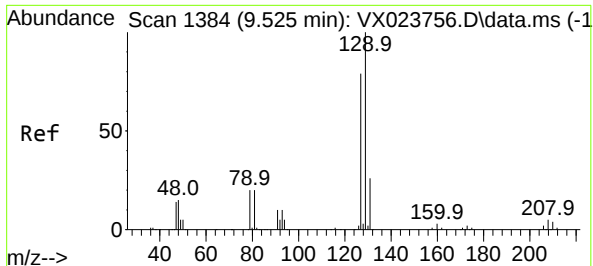
Tgt Ion: 98 Resp: 269063
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.569 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

Tgt Ion: 43 Resp: 1441
Ion Ratio Lower Upper
43 100
58 155.3 35.4 53.0#

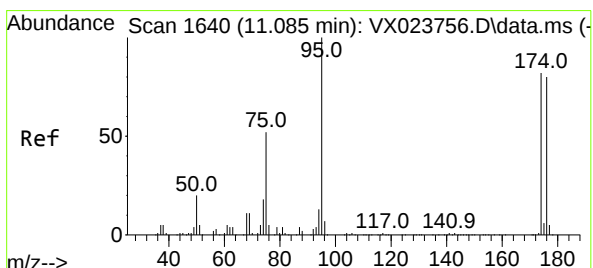
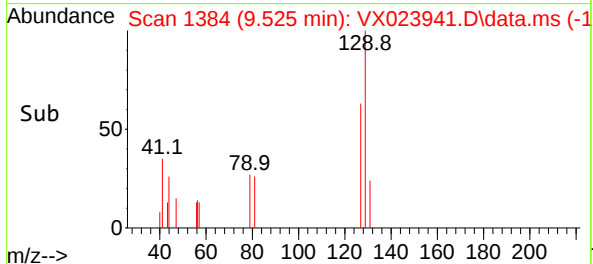
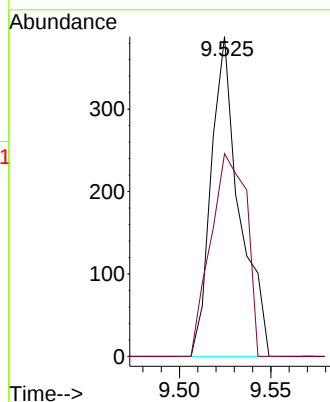
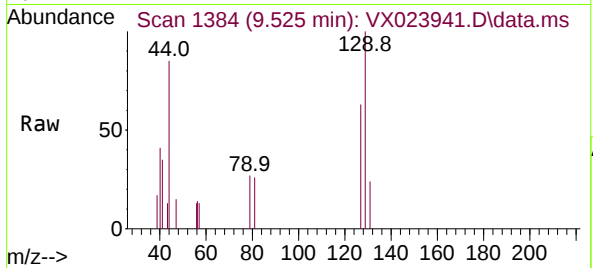




#60
Dibromochloromethane
Concen: 1.914 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

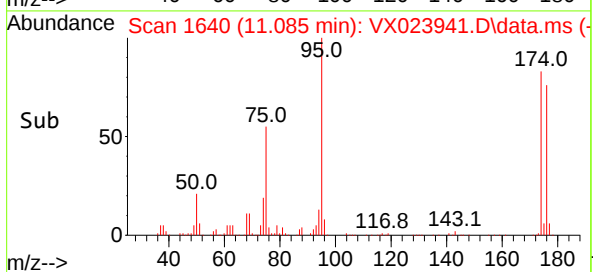
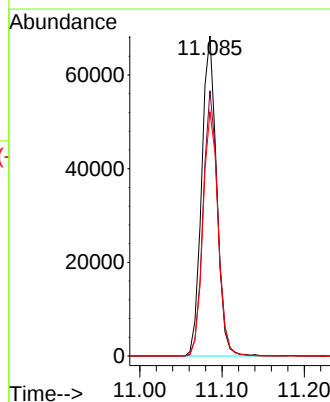
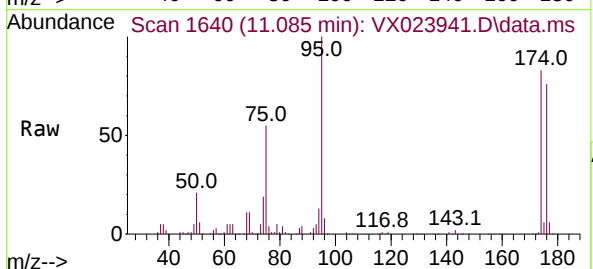
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-11-GW-082021

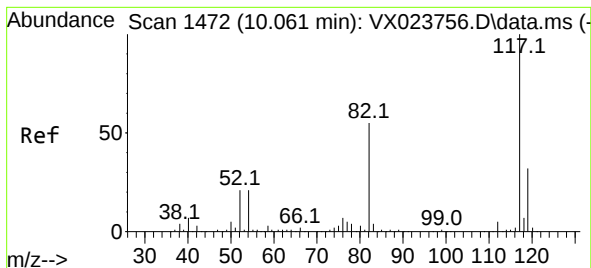
Tgt Ion:129 Resp: 416
Ion Ratio Lower Upper
129 100
127 80.5 38.4 115.2



#62
4-Bromofluorobenzene
Concen: 42.278 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

Tgt Ion: 95 Resp: 86277
Ion Ratio Lower Upper
95 100
174 81.6 0.0 154.6
176 77.2 0.0 155.8

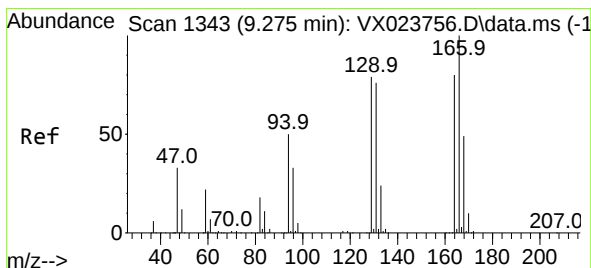
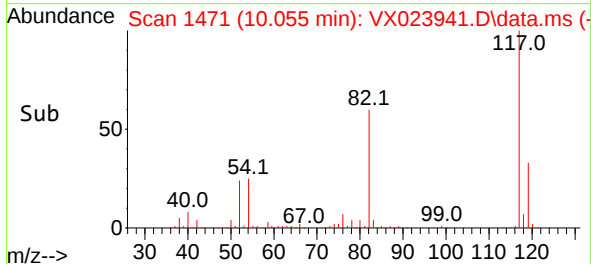
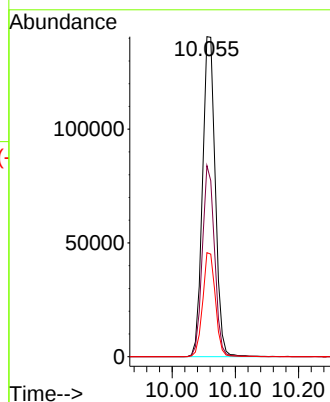
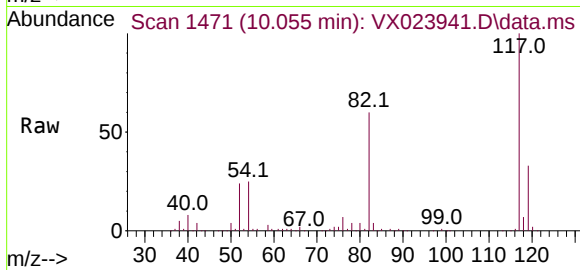




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

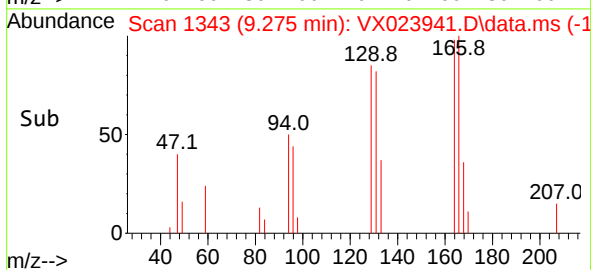
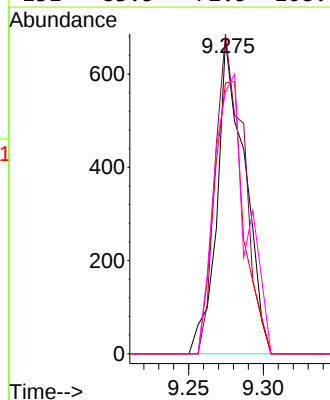
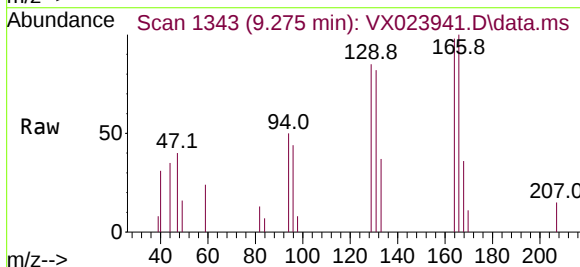
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-11-GW-082021

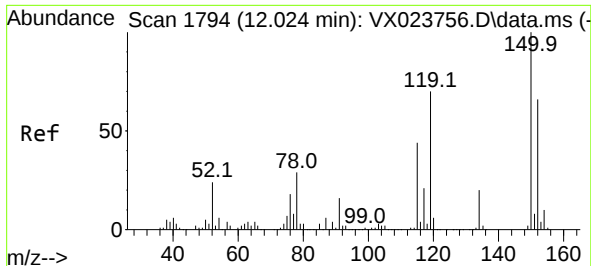
Tgt Ion:117 Resp: 197870
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 32.5 26.6 39.8



#64
Tetrachloroethene
Concen: 0.550 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

Tgt Ion:164 Resp: 870
Ion Ratio Lower Upper
164 100
166 101.9 103.4 155.2#
129 86.3 70.8 106.2
131 83.5 72.5 108.7

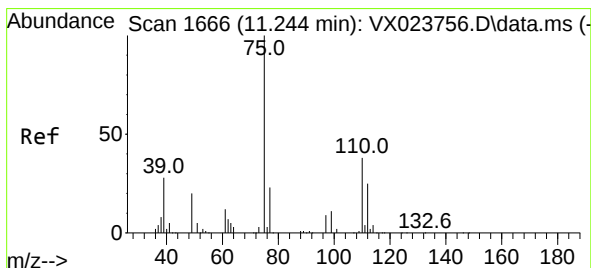
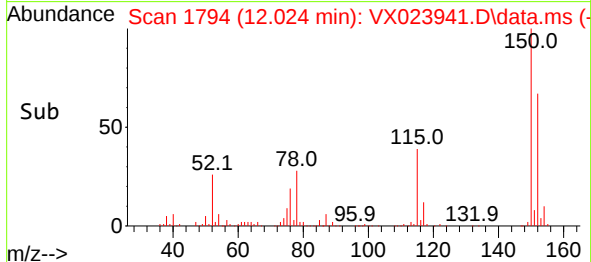
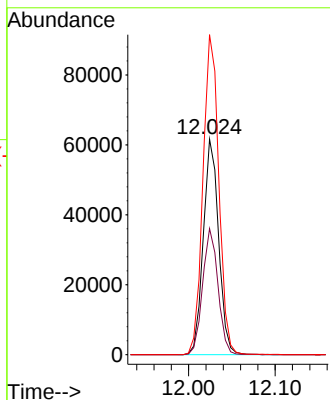
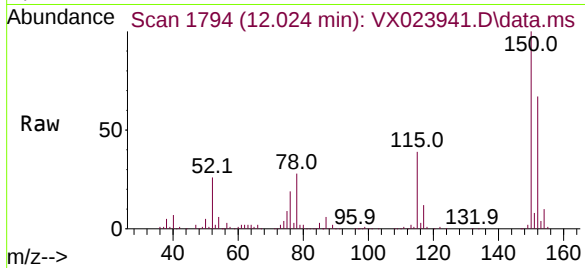




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023941.D
 Acq: 25 Aug 2021 16:17

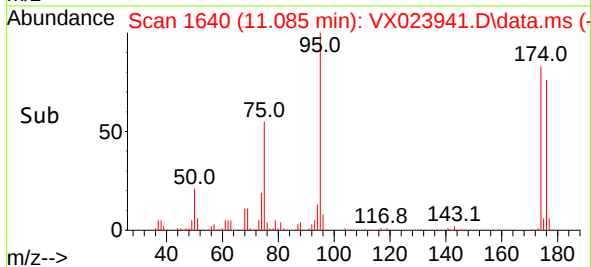
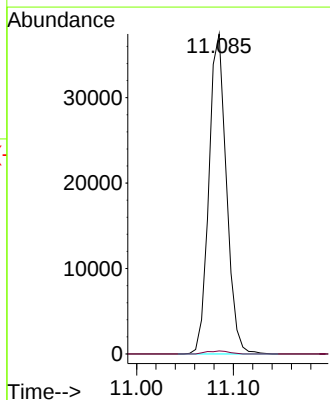
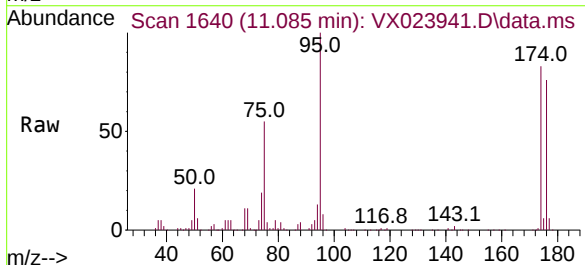
Instrument :
 MSVOA_X
 ClientSampleId :
 WVLY-SW-11-GW-082021

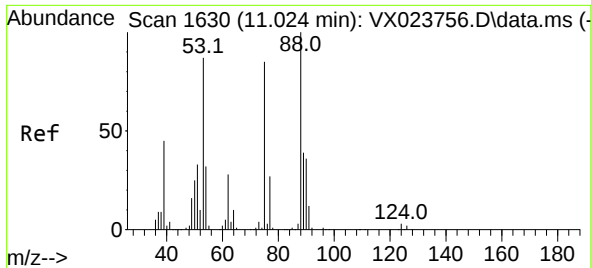
Tgt Ion:152 Resp: 75711
 Ion Ratio Lower Upper
 152 100
 115 58.7 41.1 123.3
 150 153.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.726 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023941.D
 Acq: 25 Aug 2021 16:17

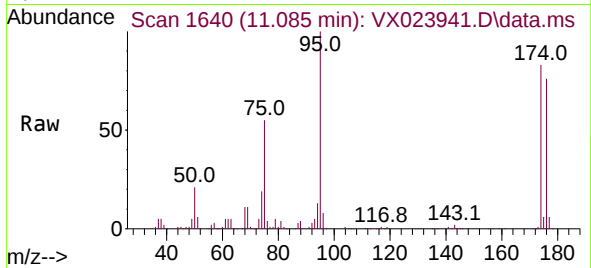
Tgt Ion: 75 Resp: 47202
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.616 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023941.D
 Acq: 25 Aug 2021 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 WVLY-SW-11-GW-082021



Tgt Ion: 75 Resp: 47202
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

