

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)

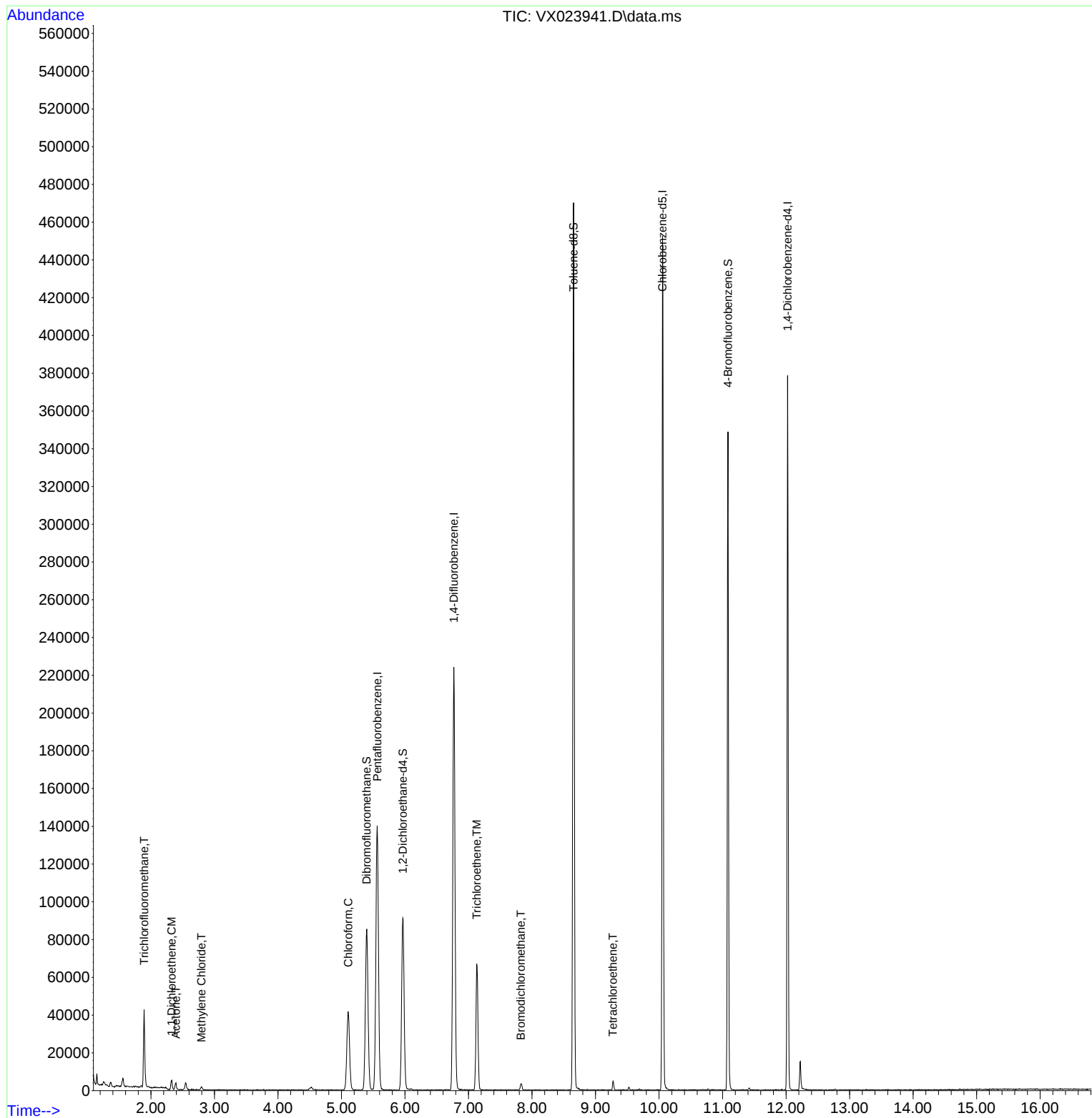
Internal Standards						
1) Pentafluorobenzene	5.562	168	130323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	220055	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
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
30) Chloroform	5.105	83	48995	18.111	ug/l	98
44) Trichloroethene	7.129	130	25576	15.365	ug/l	99
47) Bromodichloromethane	7.824	83	2451	1.217	ug/l #	81
64) Tetrachloroethene	9.275	164	870	0.550	ug/l #	87

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

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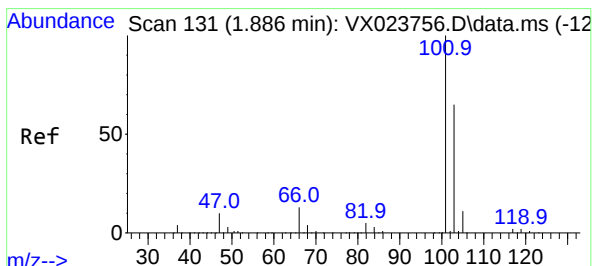
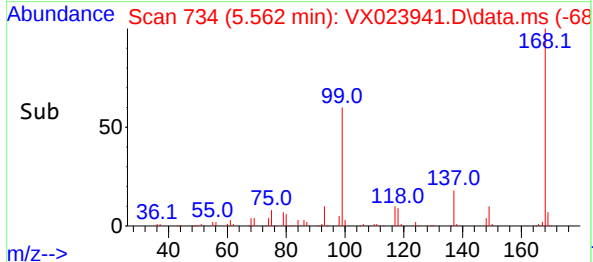
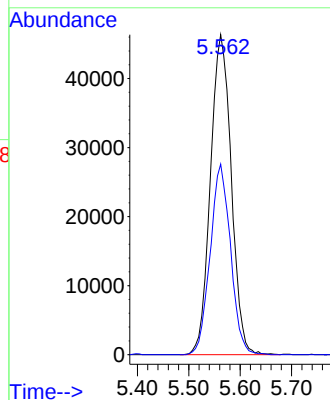
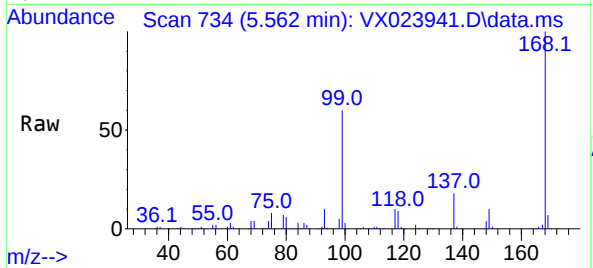




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

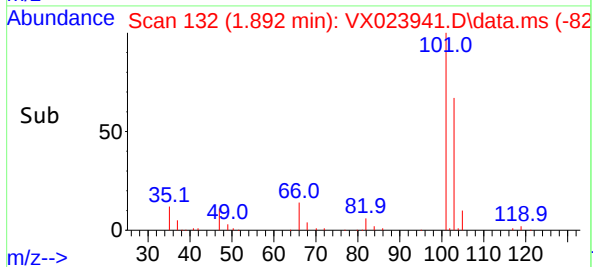
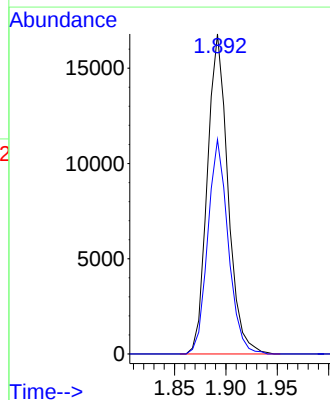
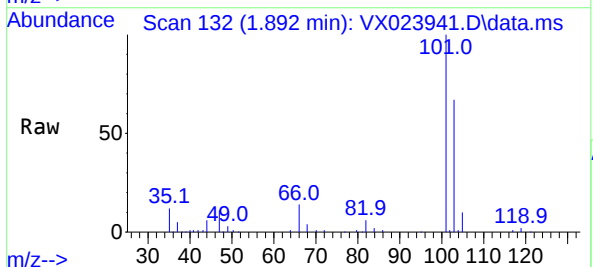
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-11-GW-082021

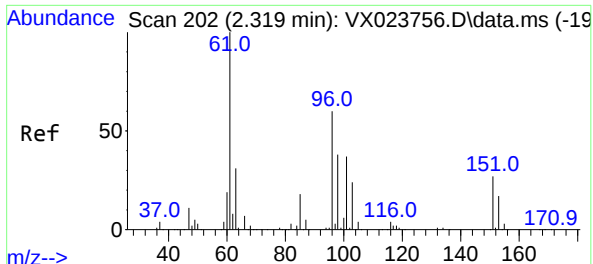
Tgt Ion:168 Resp: 130323
Ion Ratio Lower Upper
168 100
99 59.5 45.8 68.6



#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

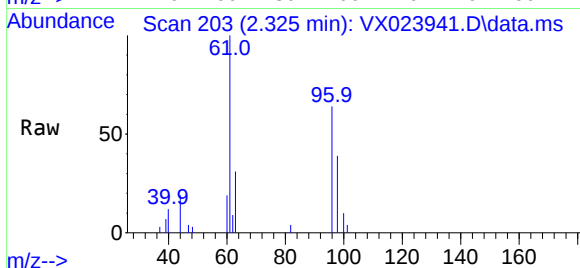
Tgt Ion: 96 Resp: 1589

Ion Ratio Lower Upper

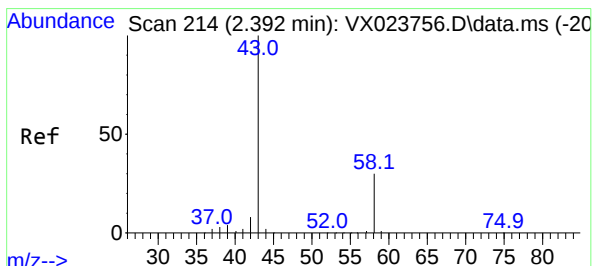
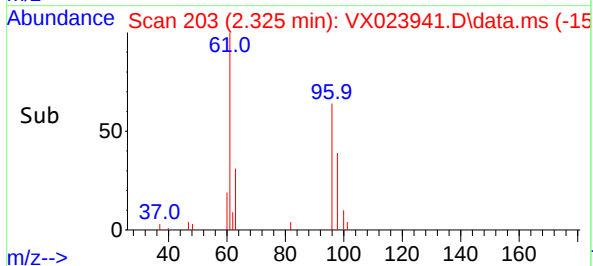
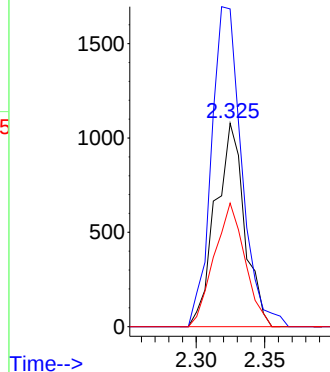
96 100

61 156.2 124.6 187.0

98 60.8 50.6 76.0



Abundance



#16

Acetone

Concen: 4.505 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX023941.D

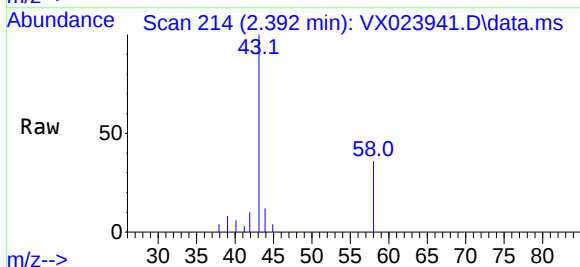
Acq: 25 Aug 2021 16:17

Tgt Ion: 43 Resp: 3664

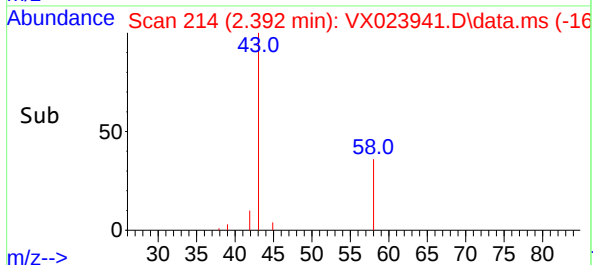
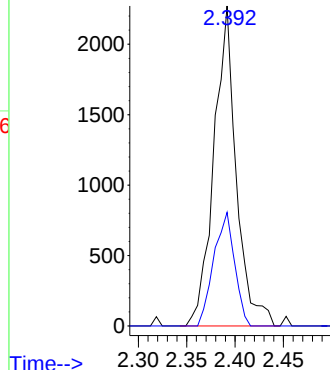
Ion Ratio Lower Upper

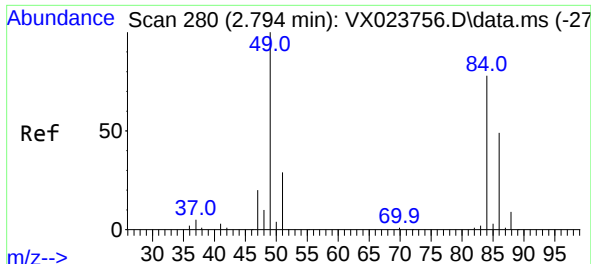
43 100

58 35.5 27.8 41.8



Abundance

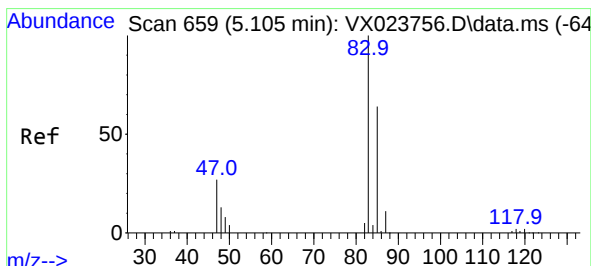
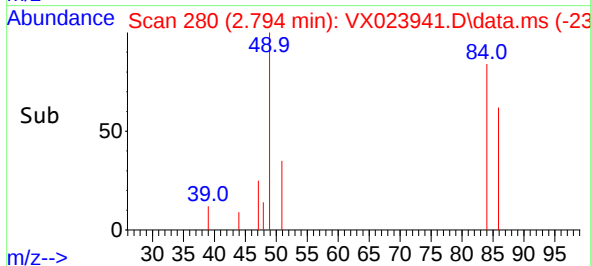
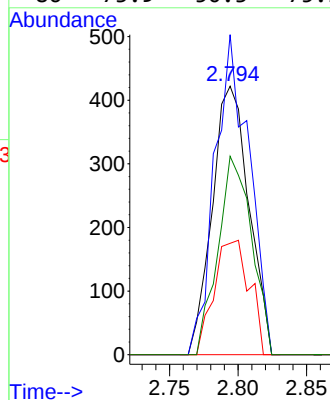
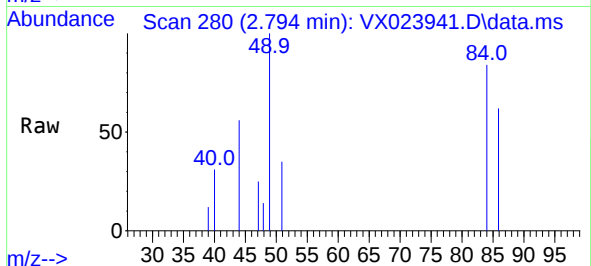




#20
Methylene Chloride
Concen: 0.507 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

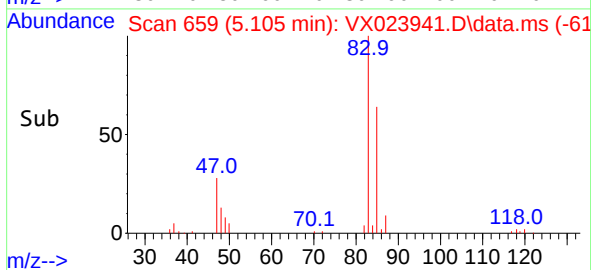
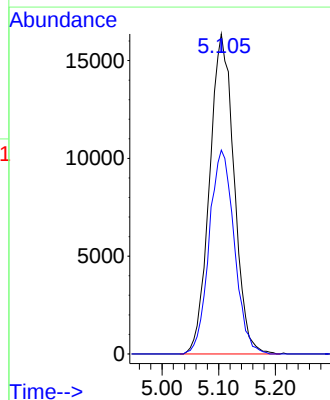
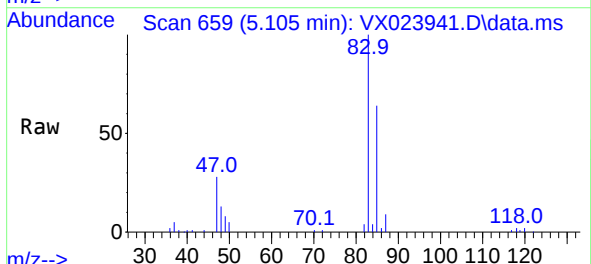
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-11-GW-082021

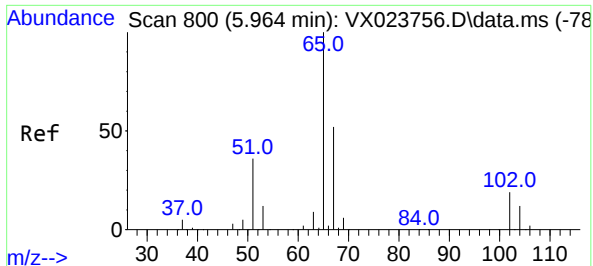
Tgt Ion:	84	Resp:	787
Ion	Ratio	Lower	Upper
84	100		
49	119.2	88.6	132.8
51	41.5	27.0	40.6#
86	73.9	50.3	75.5



#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



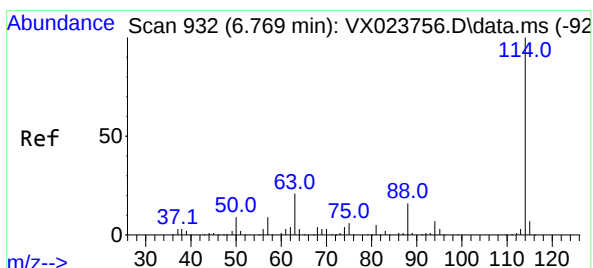
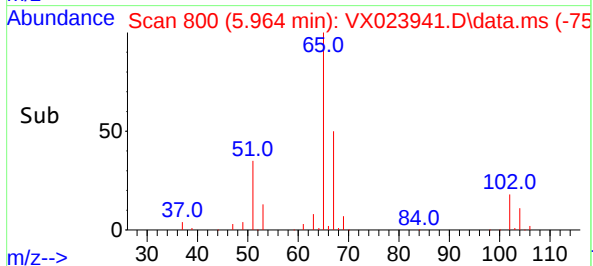
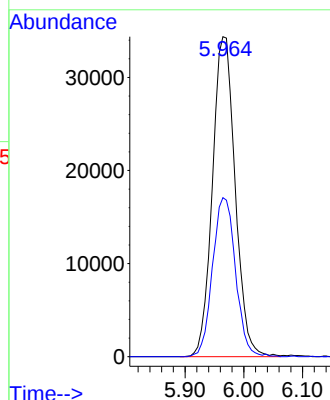
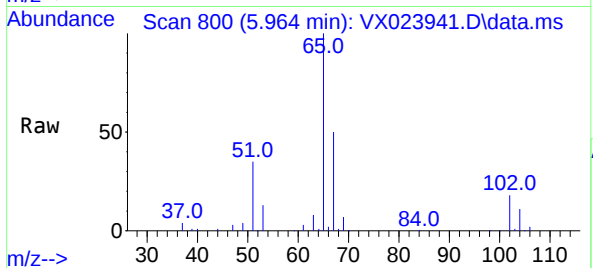


#33

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

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

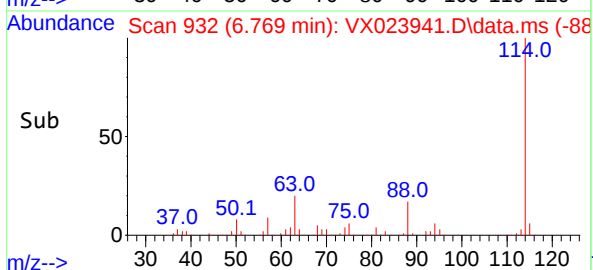
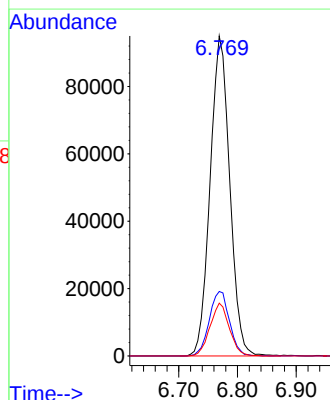
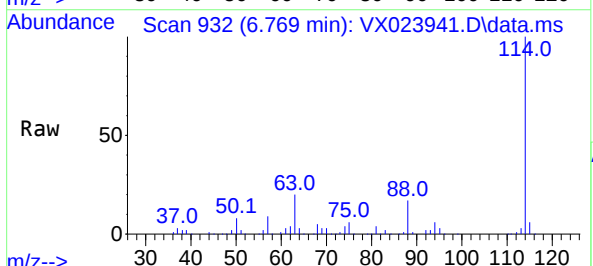
Tgt Ion: 65 Resp: 92432
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

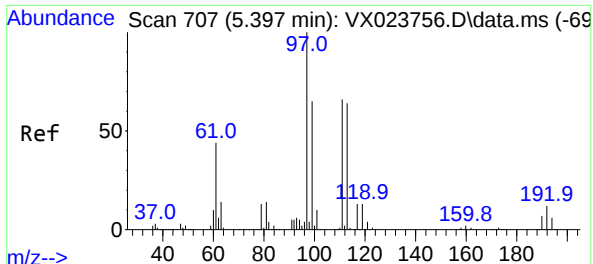


#34

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

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

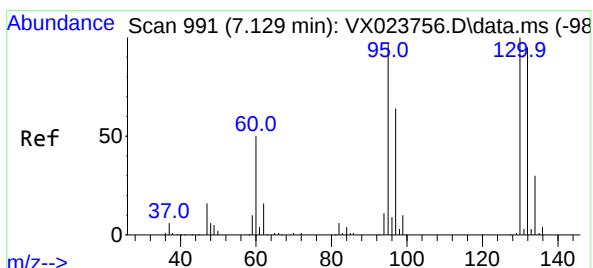
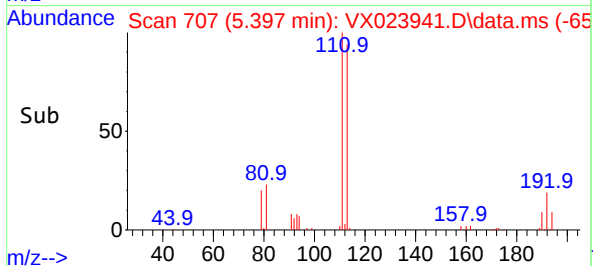
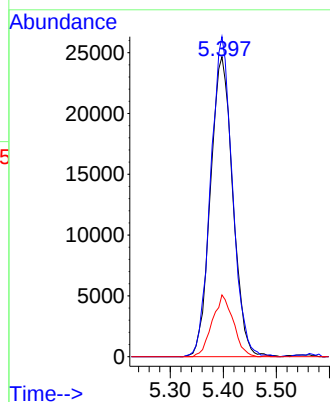
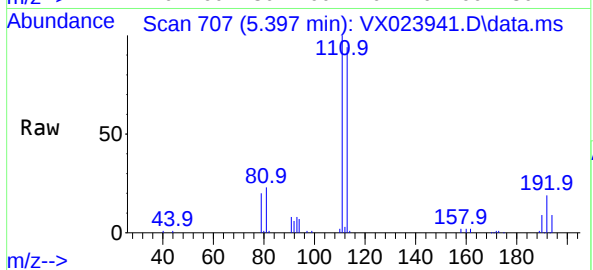
Tgt Ion:113 Resp: 71967

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

192 19.4 16.7 25.1



#44

Trichloroethene

Concen: 15.365 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX023941.D

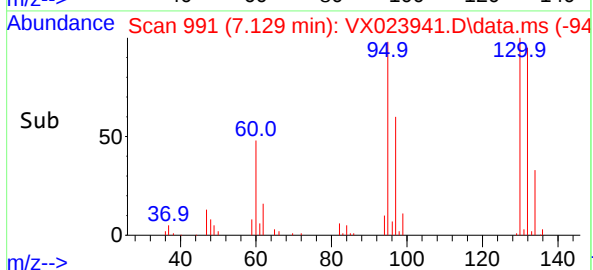
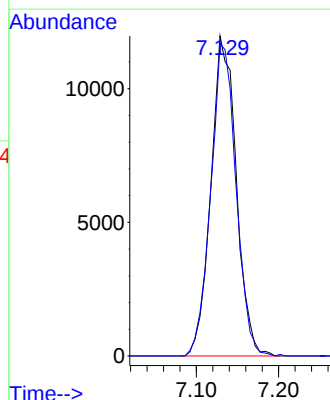
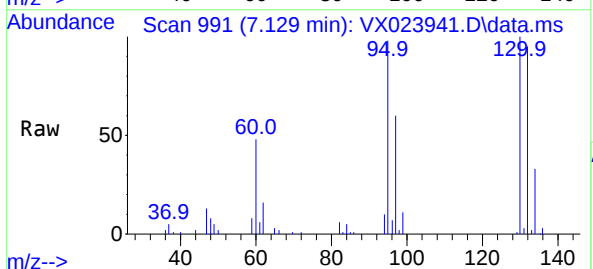
Acq: 25 Aug 2021 16:17

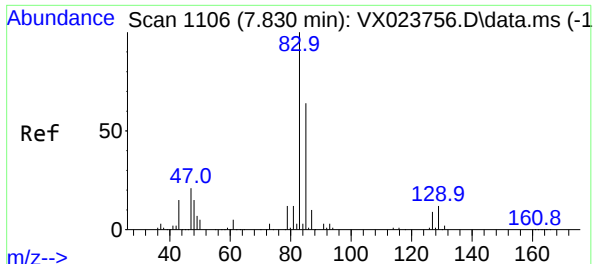
Tgt Ion:130 Resp: 25576

Ion Ratio Lower Upper

130 100

95 97.7 0.0 198.0

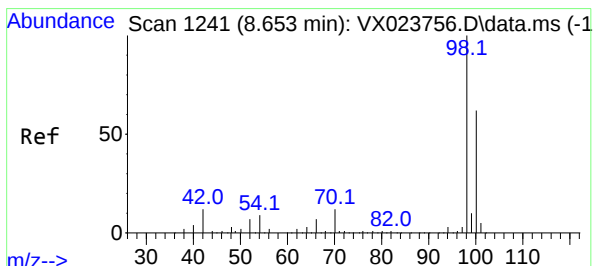
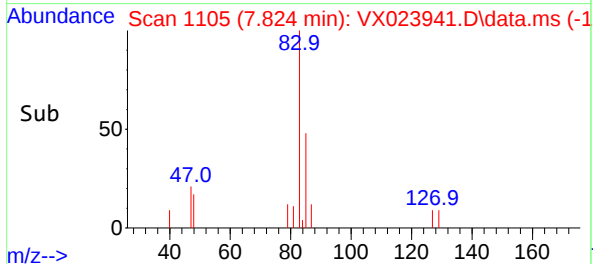
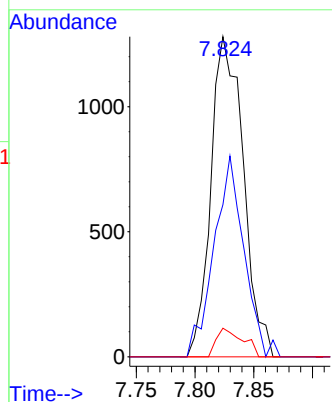
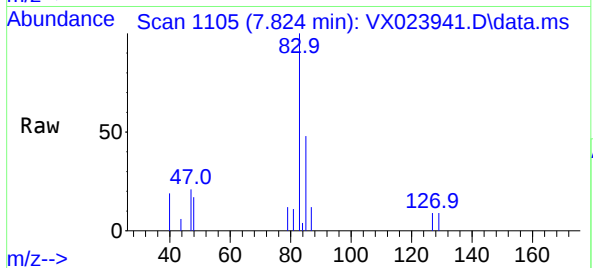




#47
Bromodichloromethane
Concen: 1.217 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

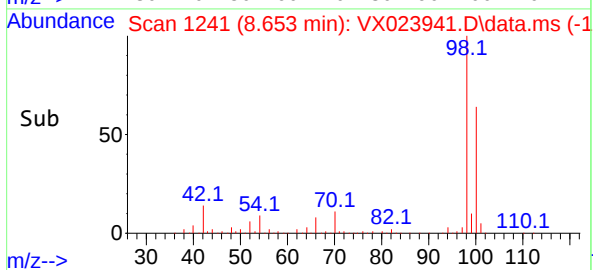
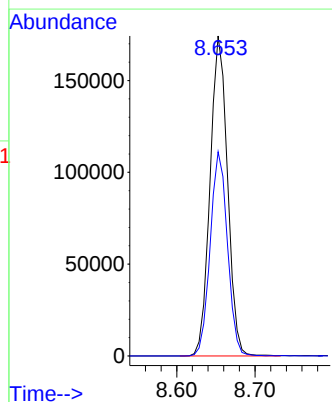
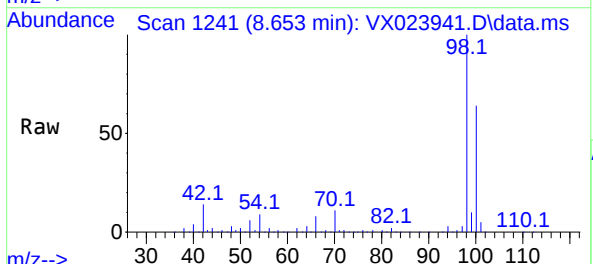
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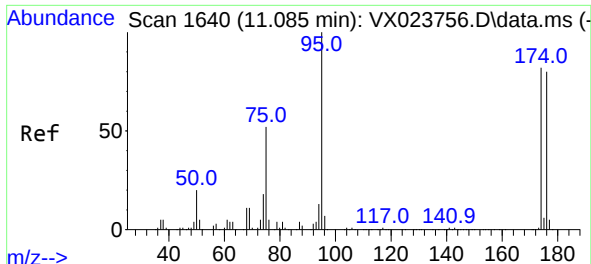
Tgt Ion: 83 Resp: 2451
Ion Ratio Lower Upper
83 100
85 47.5 51.4 77.0#
127 8.9 6.8 10.2



#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

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

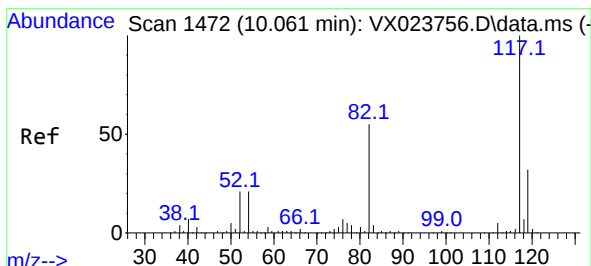
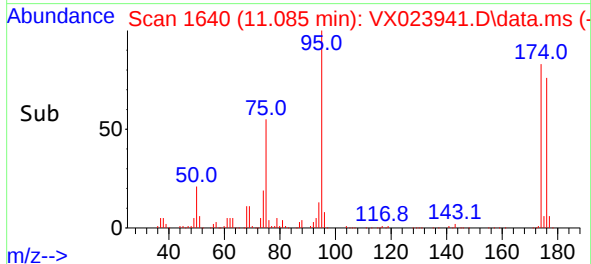
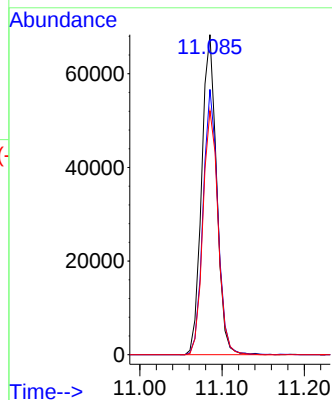
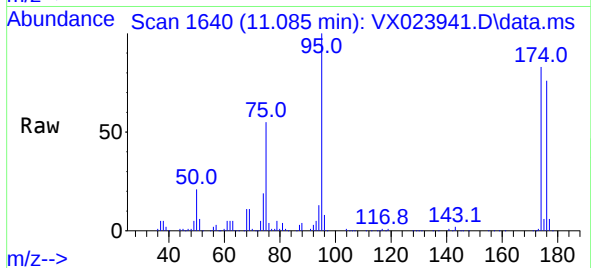




#62
4-Bromofluorobenzene
Concen: 42.278 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

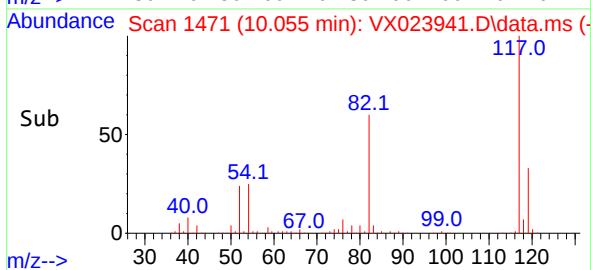
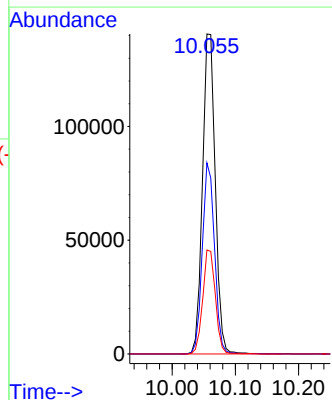
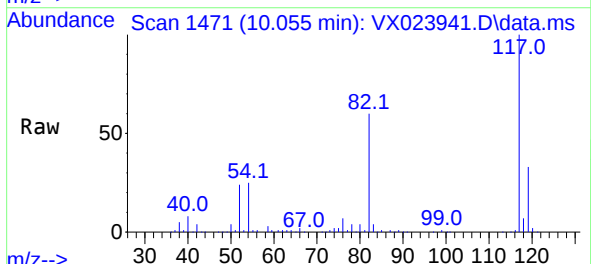
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-11-GW-082021

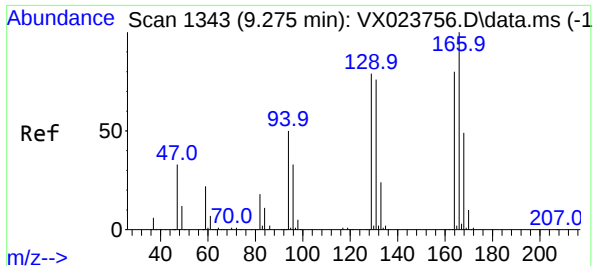
Tgt Ion: 95 Resp: 86277
Ion Ratio Lower Upper
95 100
174 81.6 0.0 154.6
176 77.2 0.0 155.8



#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

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



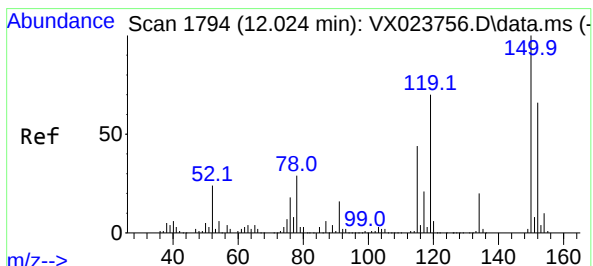
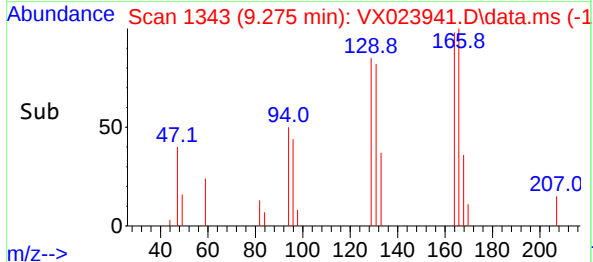
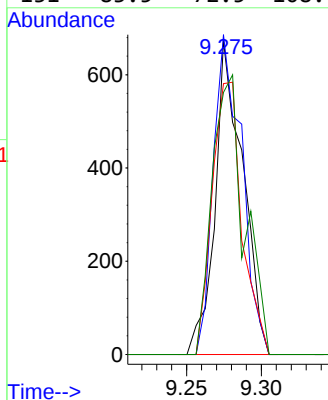
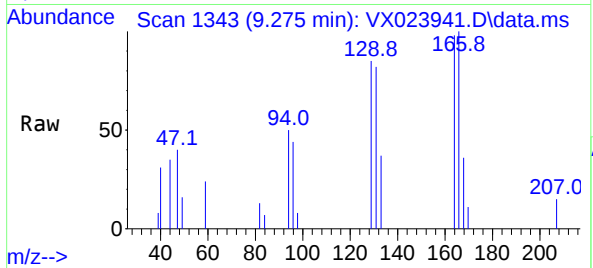


#64
Tetrachloroethene
Concen: 0.550 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023941.D
Acq: 25 Aug 2021 16:17

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

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

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

