

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082521\
 Data File : VX023948.D
 Acq On : 25 Aug 2021 19:02
 Operator : JC/MD
 Sample : M3525-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WVLY-SW-4-GW-082221

Quant Time: Aug 26 07:38:07 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)

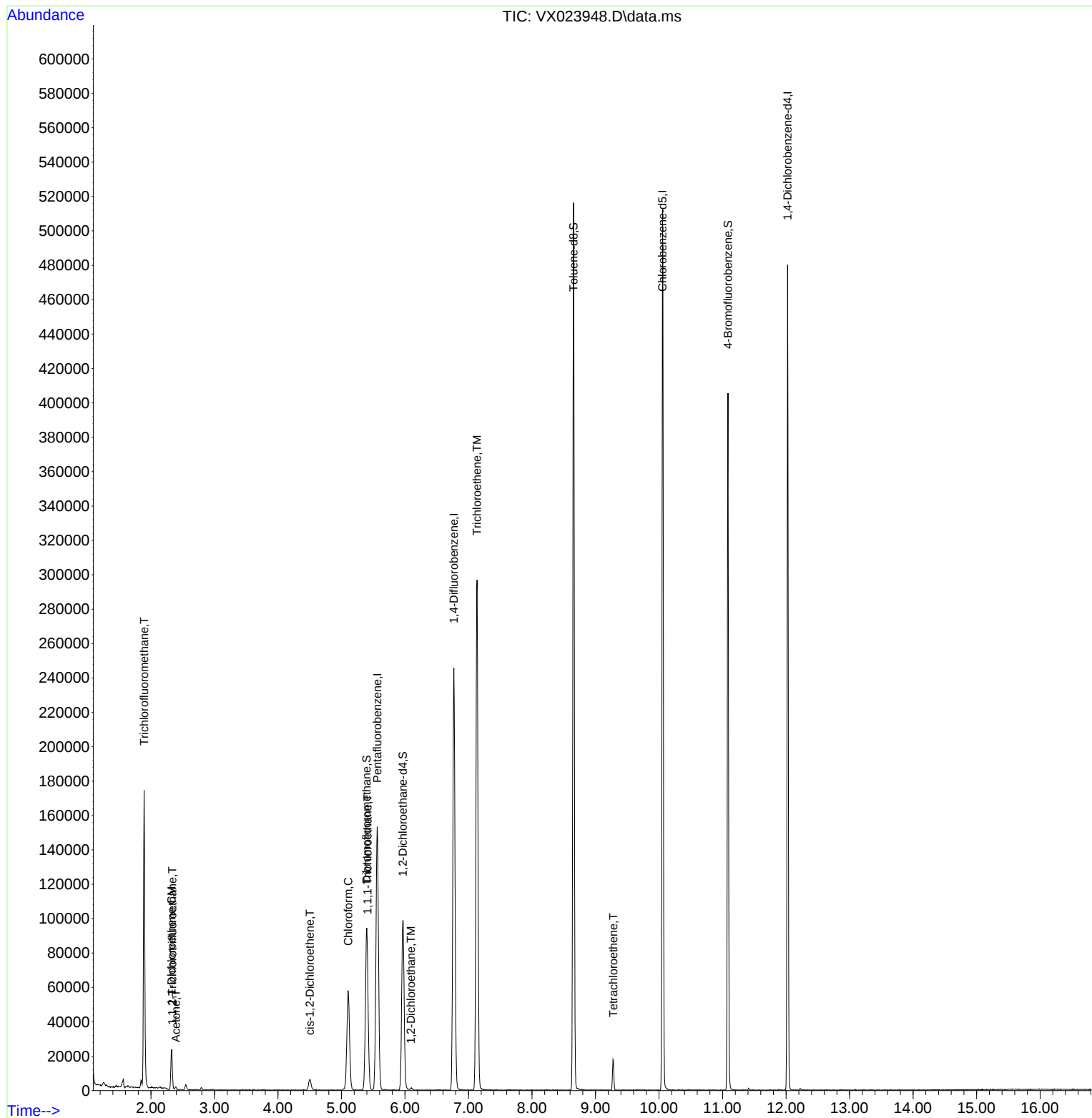
Internal Standards						
1) Pentafluorobenzene	5.562	168	140270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	240754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100205	51.184	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.360%	
35) Dibromofluoromethane	5.397	113	79016	49.587	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.180%	
50) Toluene-d8	8.653	98	292381	48.209	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.420%	
62) 4-Bromofluorobenzene	11.085	95	99790	44.696	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.400%	
Target Compounds						
7) Trichlorofluoromethane	1.892	101	105683	42.236	ug/l	Qvalue 97
9) 1,1,2-Trichlorotrifluo...	2.337	101	811	0.576	ug/l	97
12) 1,1-Dichloroethene	2.325	96	7388	5.488	ug/l	94
16) Acetone	2.392	43	1726	1.972	ug/l	91
27) cis-1,2-Dichloroethene	4.501	96	3910	2.285	ug/l	92
30) Chloroform	5.104	83	67228	23.089	ug/l	100
32) 1,1,1-Trichloroethane	5.409	97	1604	0.643	ug/l #	43
42) 1,2-Dichloroethane	6.092	62	1203	0.464	ug/l	82
44) Trichloroethene	7.135	130	111550	61.251	ug/l	96
64) Tetrachloroethene	9.281	164	3382	1.868	ug/l	91

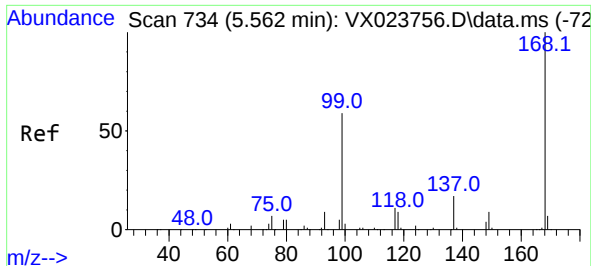
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WVLY-SW-4-GW-082221

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
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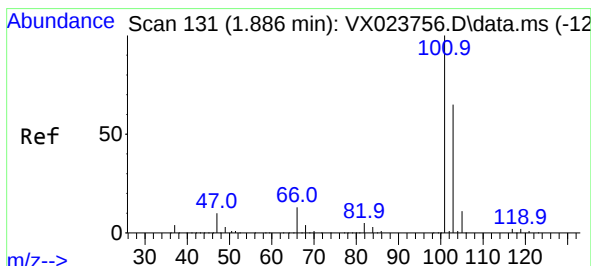
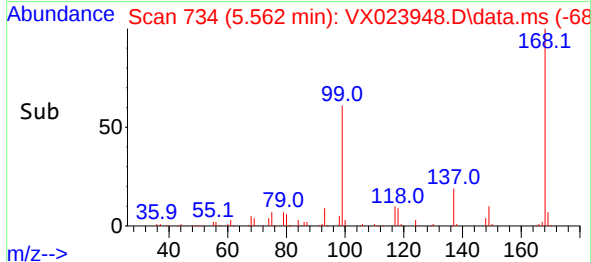
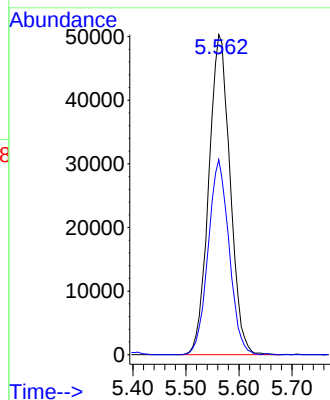
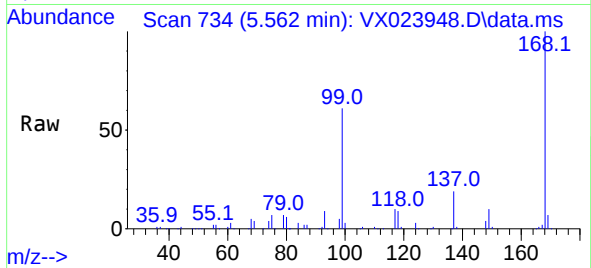




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023948.D
Acq: 25 Aug 2021 19:02

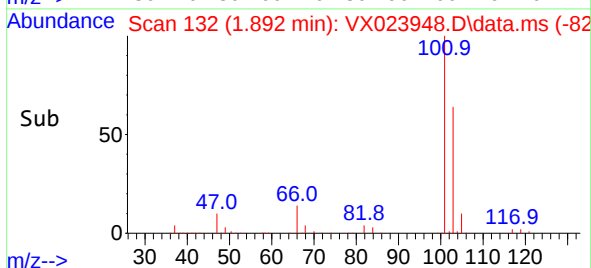
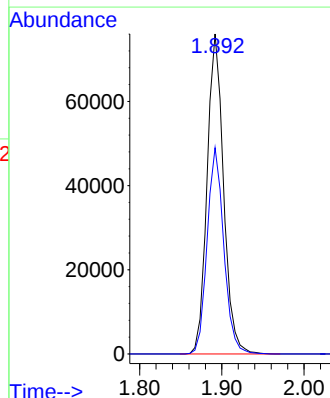
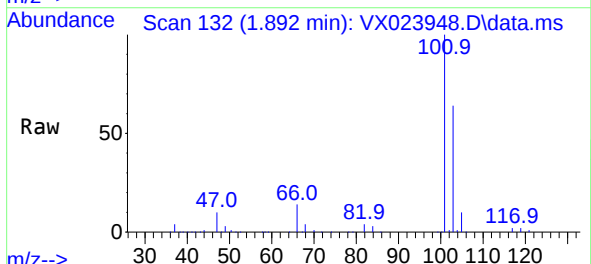
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-4-GW-082221

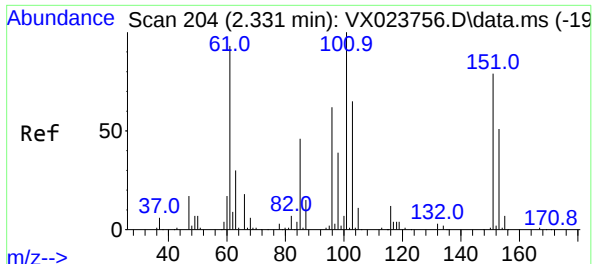
Tgt Ion:168 Resp: 140270
Ion Ratio Lower Upper
168 100
99 60.9 45.8 68.6



#7
Trichlorofluoromethane
Concen: 42.236 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX023948.D
Acq: 25 Aug 2021 19:02

Tgt Ion:101 Resp: 105683
Ion Ratio Lower Upper
101 100
103 64.5 53.2 79.8

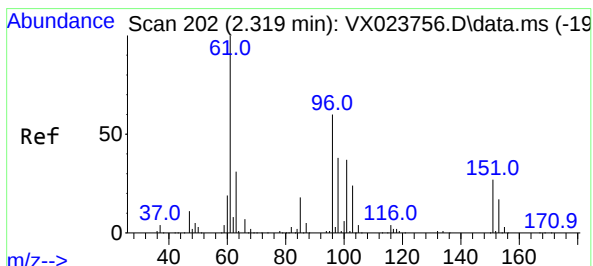
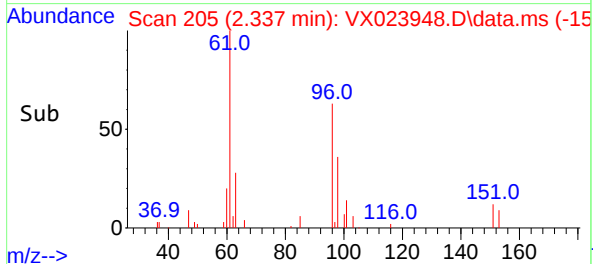
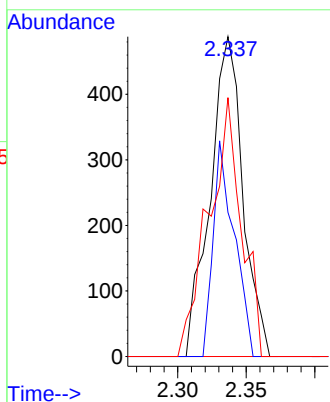
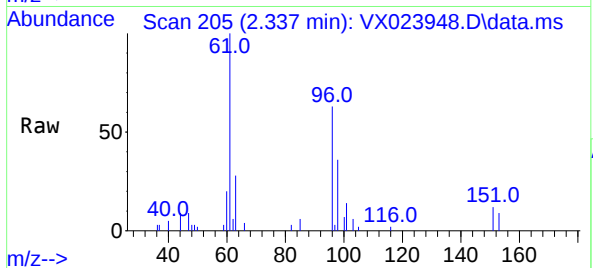




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.576 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX023948.D
Acq: 25 Aug 2021 19:02

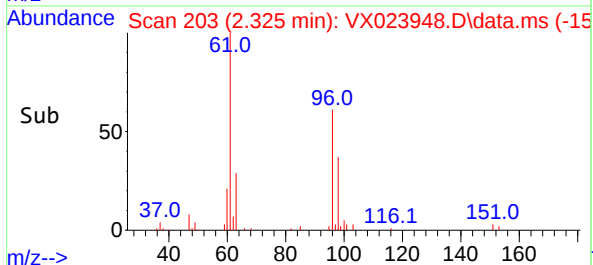
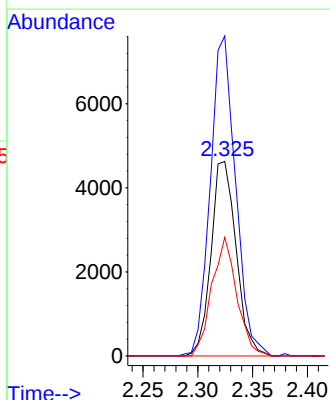
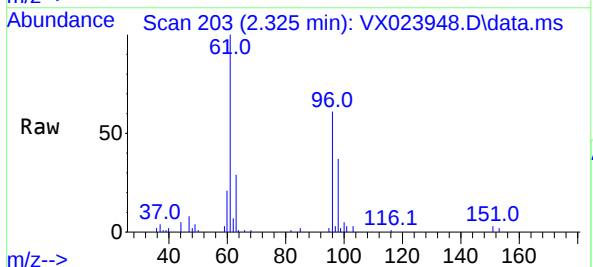
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-4-GW-082221

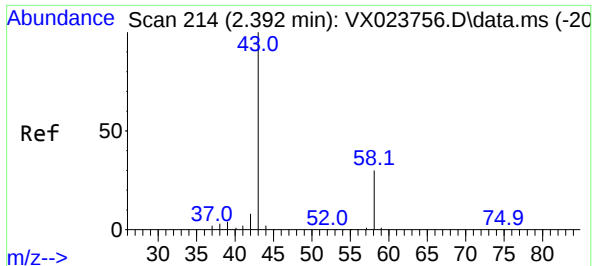
Tgt Ion:101 Resp: 811
Ion Ratio Lower Upper
101 100
85 43.2 34.9 52.3
151 80.9 61.4 92.2



#12
1,1-Dichloroethene
Concen: 5.488 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX023948.D
Acq: 25 Aug 2021 19:02

Tgt Ion: 96 Resp: 7388
Ion Ratio Lower Upper
96 100
61 164.4 124.6 187.0
98 61.0 50.6 76.0

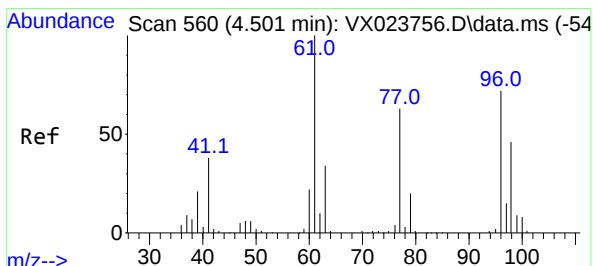
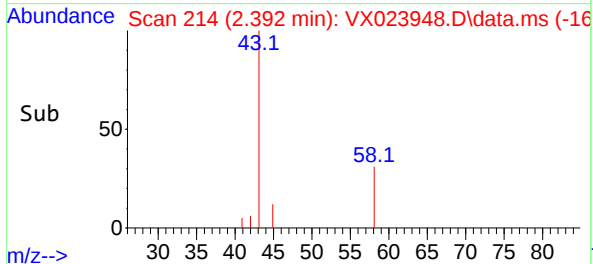
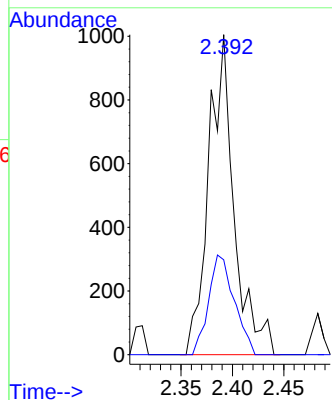
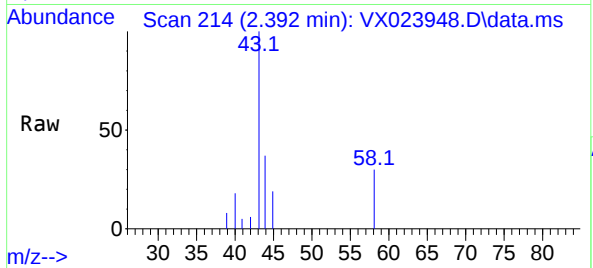




#16
Acetone
Concen: 1.972 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023948.D
Acq: 25 Aug 2021 19:02

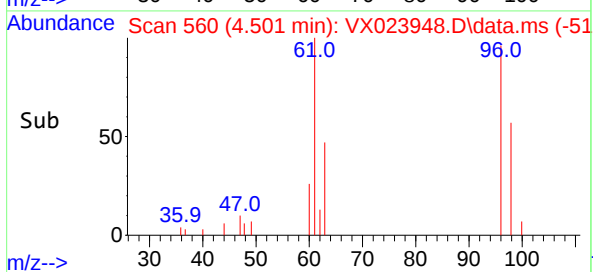
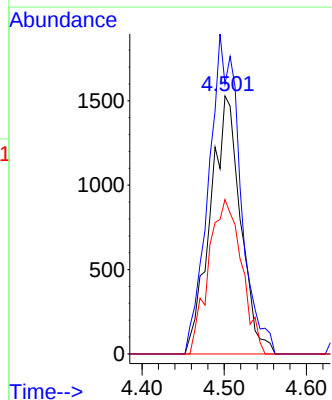
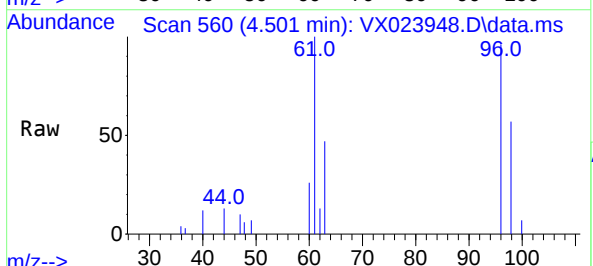
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-4-GW-082221

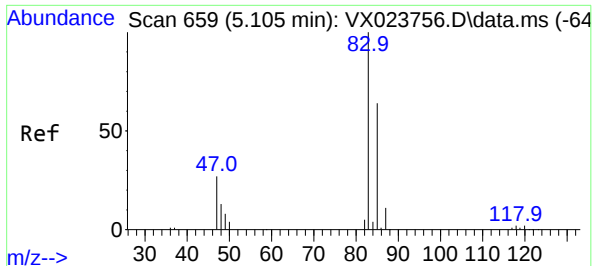
Tgt Ion: 43 Resp: 1726
Ion Ratio Lower Upper
43 100
58 29.7 27.8 41.8



#27
cis-1,2-Dichloroethene
Concen: 2.285 ug/l
RT: 4.501 min Scan# 560
Delta R.T. -0.000 min
Lab File: VX023948.D
Acq: 25 Aug 2021 19:02

Tgt Ion: 96 Resp: 3910
Ion Ratio Lower Upper
96 100
61 129.4 0.0 285.6
98 65.4 0.0 129.6





#30

Chloroform

Concen: 23.089 ug/l

RT: 5.104 min Scan# 659

Delta R.T. -0.001 min

Lab File: VX023948.D

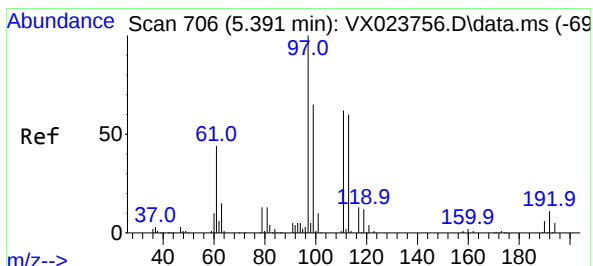
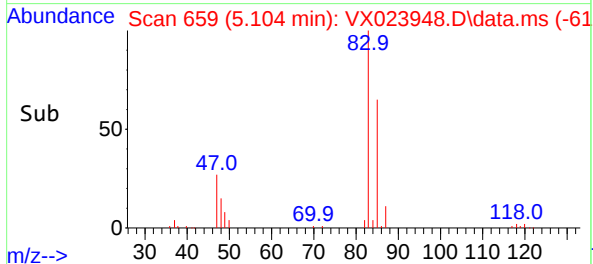
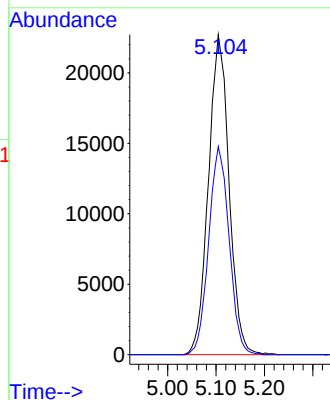
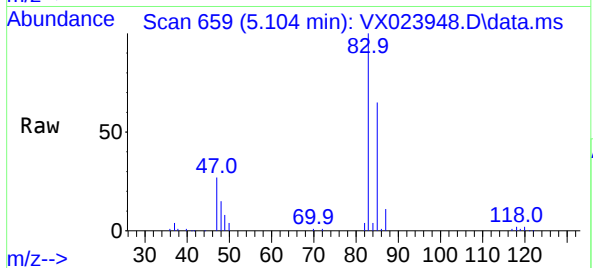
Acq: 25 Aug 2021 19:02

Tgt Ion: 83 Resp: 67228

Ion Ratio Lower Upper

83 100

85 65.0 52.0 78.0



#32

1,1,1-Trichloroethane

Concen: 0.643 ug/l

RT: 5.409 min Scan# 709

Delta R.T. 0.018 min

Lab File: VX023948.D

Acq: 25 Aug 2021 19:02

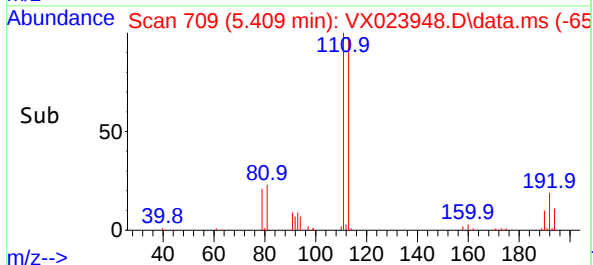
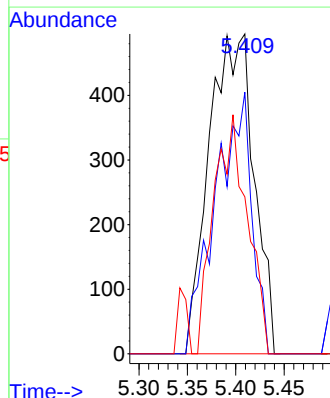
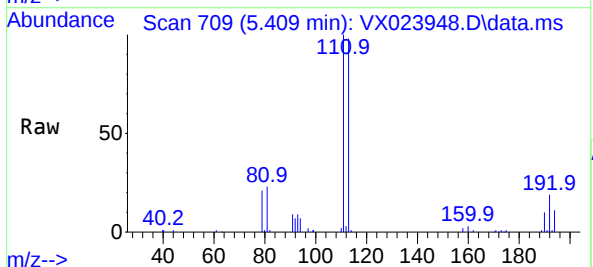
Tgt Ion: 97 Resp: 1604

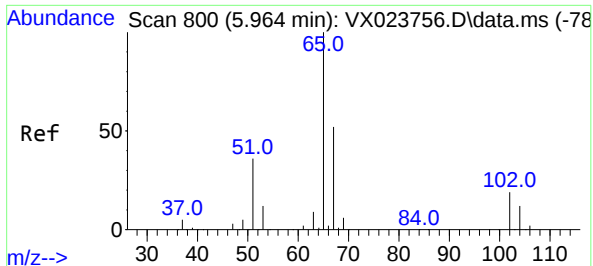
Ion Ratio Lower Upper

97 100

99 0.0 51.5 77.3#

61 55.9 34.2 51.4#



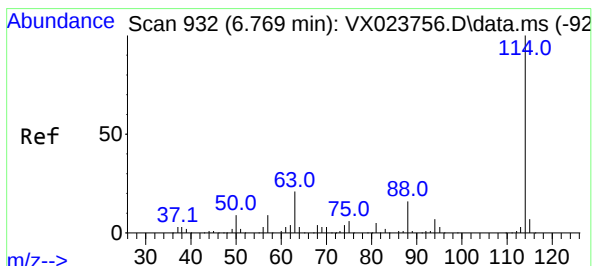
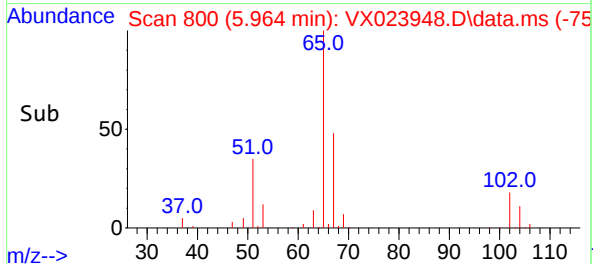
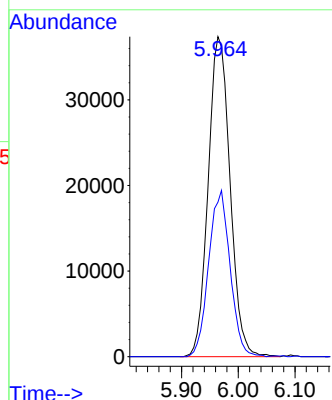
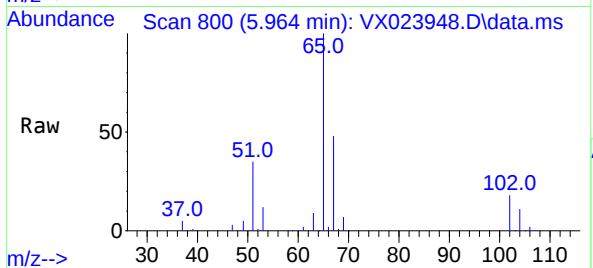


#33

1,2-Dichloroethane-d4
Concen: 51.184 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023948.D
Acq: 25 Aug 2021 19:02

Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-4-GW-082221

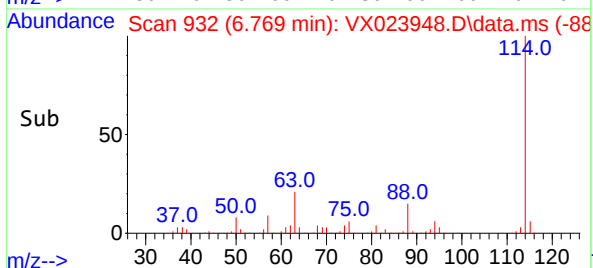
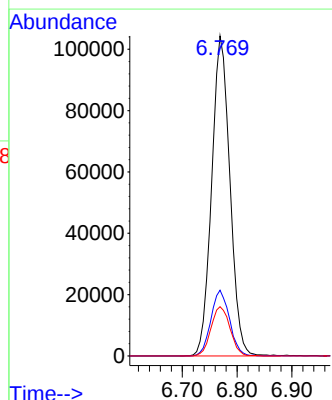
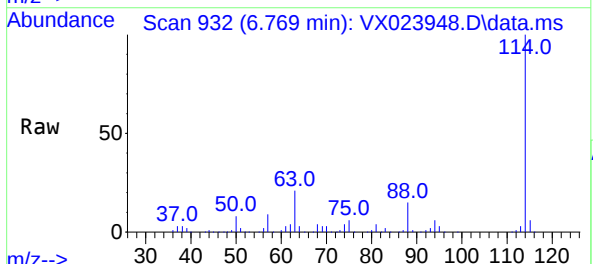
Tgt Ion: 65 Resp: 100205
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

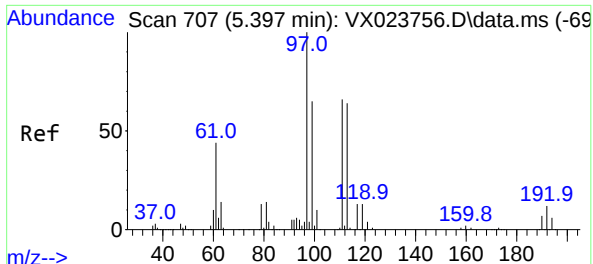


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023948.D
Acq: 25 Aug 2021 19:02

Tgt Ion: 114 Resp: 240754
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 15.4 0.0 32.8

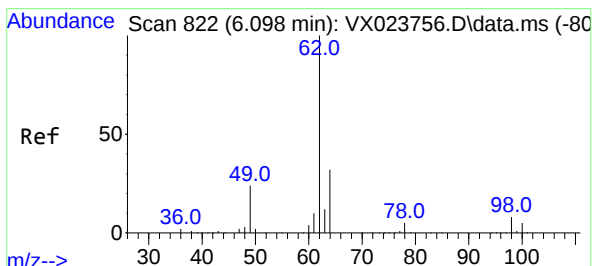
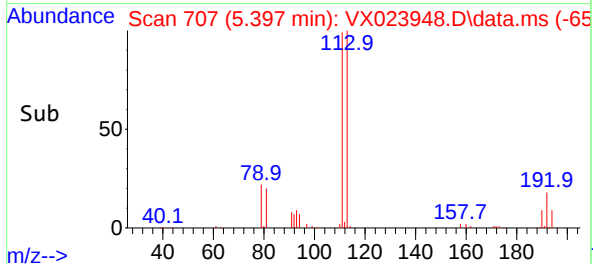
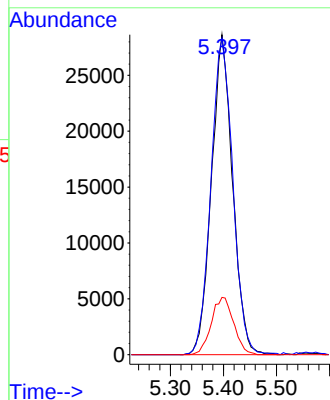
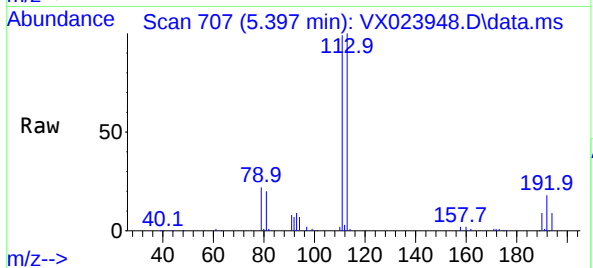




#35
Dibromofluoromethane
Concen: 49.587 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023948.D
Acq: 25 Aug 2021 19:02

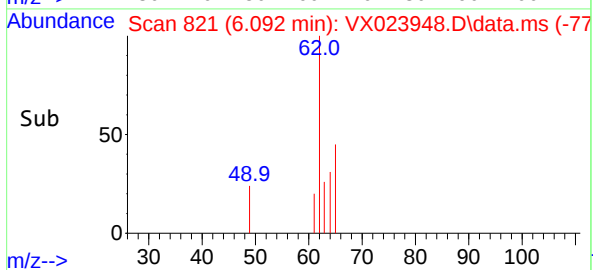
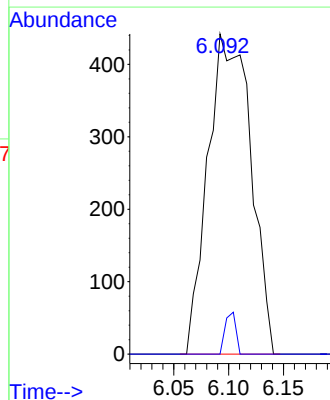
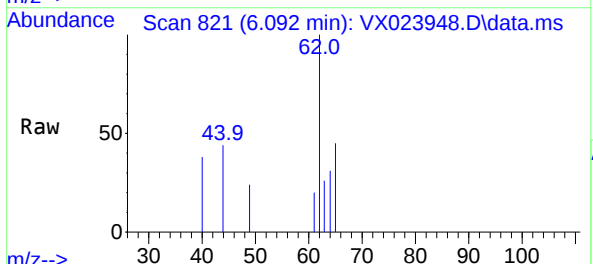
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MSVOA_X
ClientSampleId :
WVLY-SW-4-GW-082221

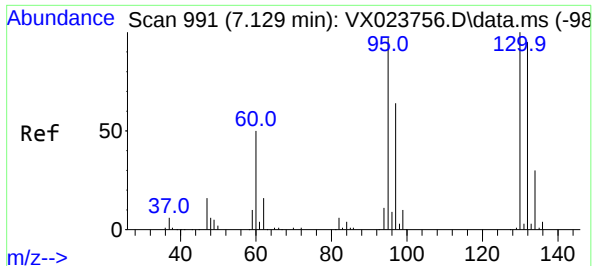
Tgt Ion:113 Resp: 79016
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.0 16.7 25.1



#42
1,2-Dichloroethane
Concen: 0.464 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX023948.D
Acq: 25 Aug 2021 19:02

Tgt Ion: 62 Resp: 1203
Ion Ratio Lower Upper
62 100
98 3.3 0.0 20.2

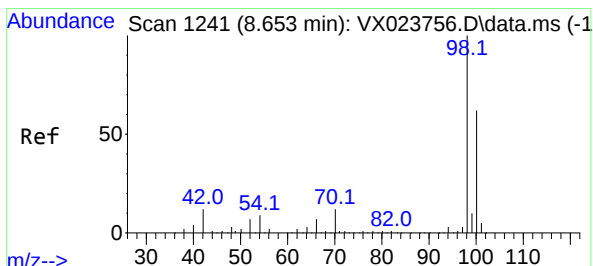
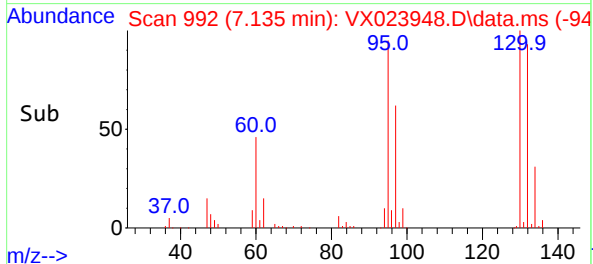
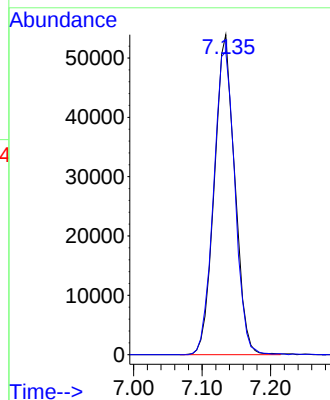
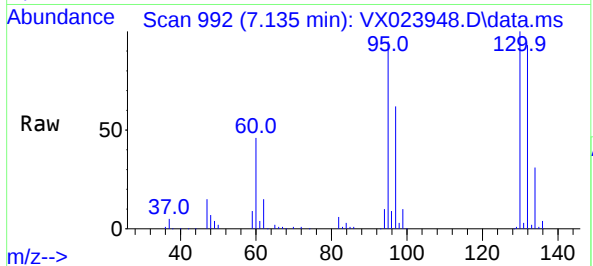




#44
Trichloroethene
Concen: 61.251 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX023948.D
Acq: 25 Aug 2021 19:02

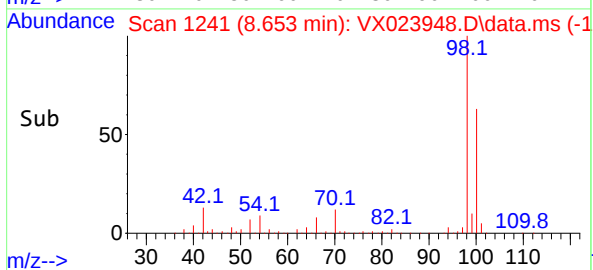
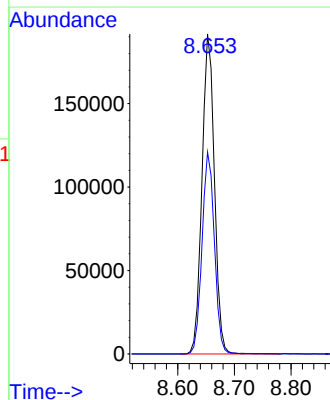
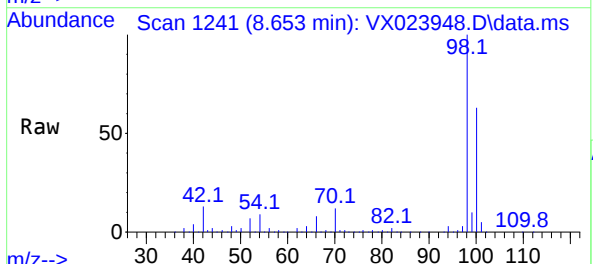
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-4-GW-082221

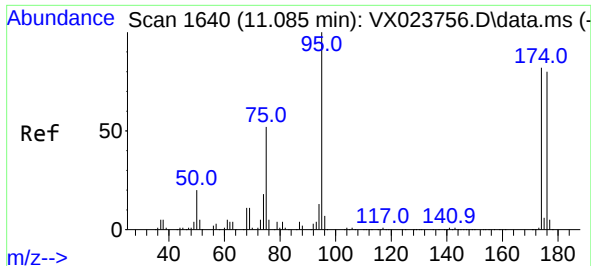
Tgt Ion:130 Resp: 111550
Ion Ratio Lower Upper
130 100
95 94.6 0.0 198.0



#50
Toluene-d8
Concen: 48.209 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023948.D
Acq: 25 Aug 2021 19:02

Tgt Ion: 98 Resp: 292381
Ion Ratio Lower Upper
98 100
100 62.7 51.9 77.9

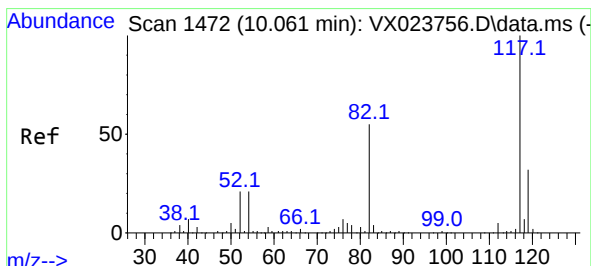
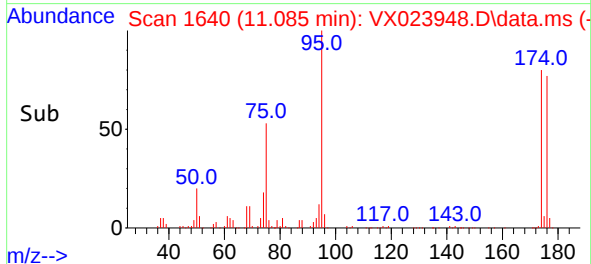
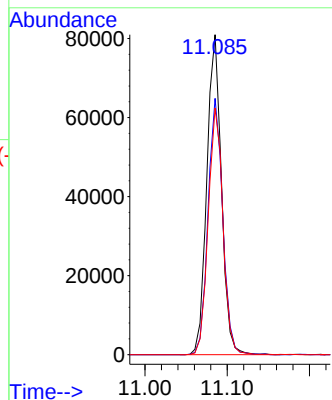
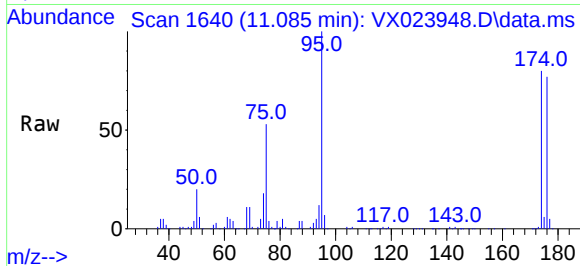




#62
4-Bromofluorobenzene
Concen: 44.696 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023948.D
Acq: 25 Aug 2021 19:02

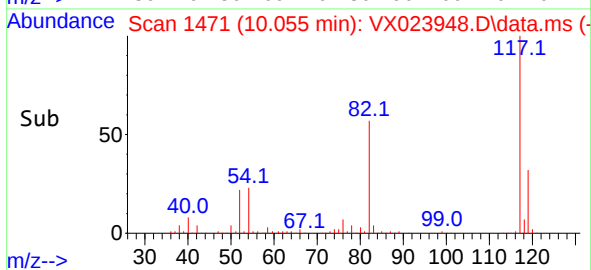
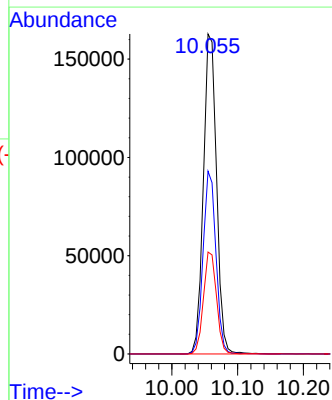
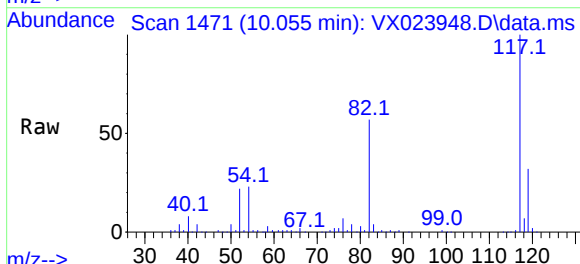
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-4-GW-082221

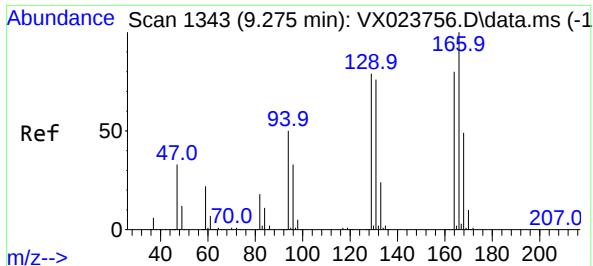
Tgt Ion: 95 Resp: 99790
Ion Ratio Lower Upper
95 100
174 80.7 0.0 154.6
176 77.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023948.D
Acq: 25 Aug 2021 19:02

Tgt Ion: 117 Resp: 226640
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 31.8 26.6 39.8



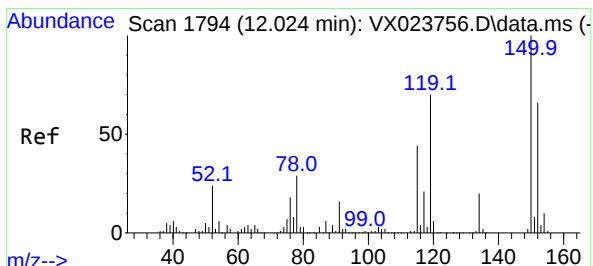
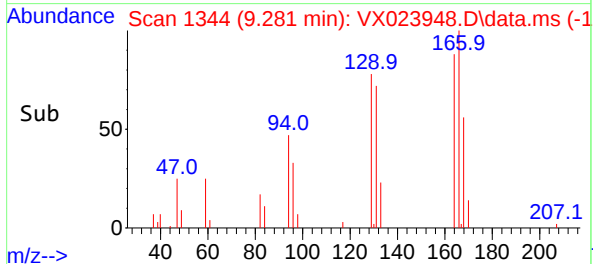
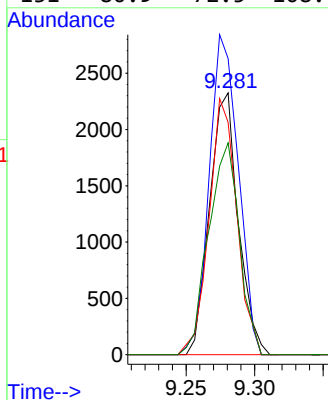
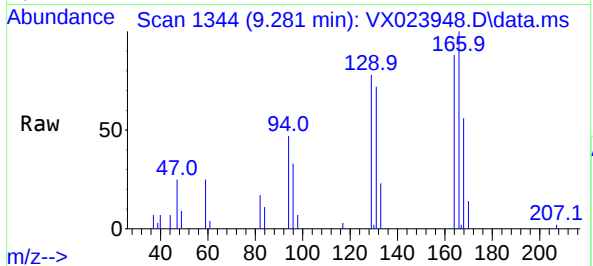


#64
Tetrachloroethene
Concen: 1.868 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX023948.D
Acq: 25 Aug 2021 19:02

Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-4-GW-082221

Tgt Ion:164 Resp: 3382

Ion	Ratio	Lower	Upper
164	100		
166	113.1	103.4	155.2
129	88.8	70.8	106.2
131	80.9	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: VX023948.D
Acq: 25 Aug 2021 19:02

Tgt Ion:152 Resp: 91612

Ion	Ratio	Lower	Upper
152	100		
115	60.6	41.1	123.3
150	159.8	0.0	349.0

