

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071521\
 Data File : VX023311.D
 Acq On : 15 Jul 2021 19:57
 Operator : JC/MD
 Sample : M3061-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB-2021-WW-000-08

Quant Time: Jul 16 03:55:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

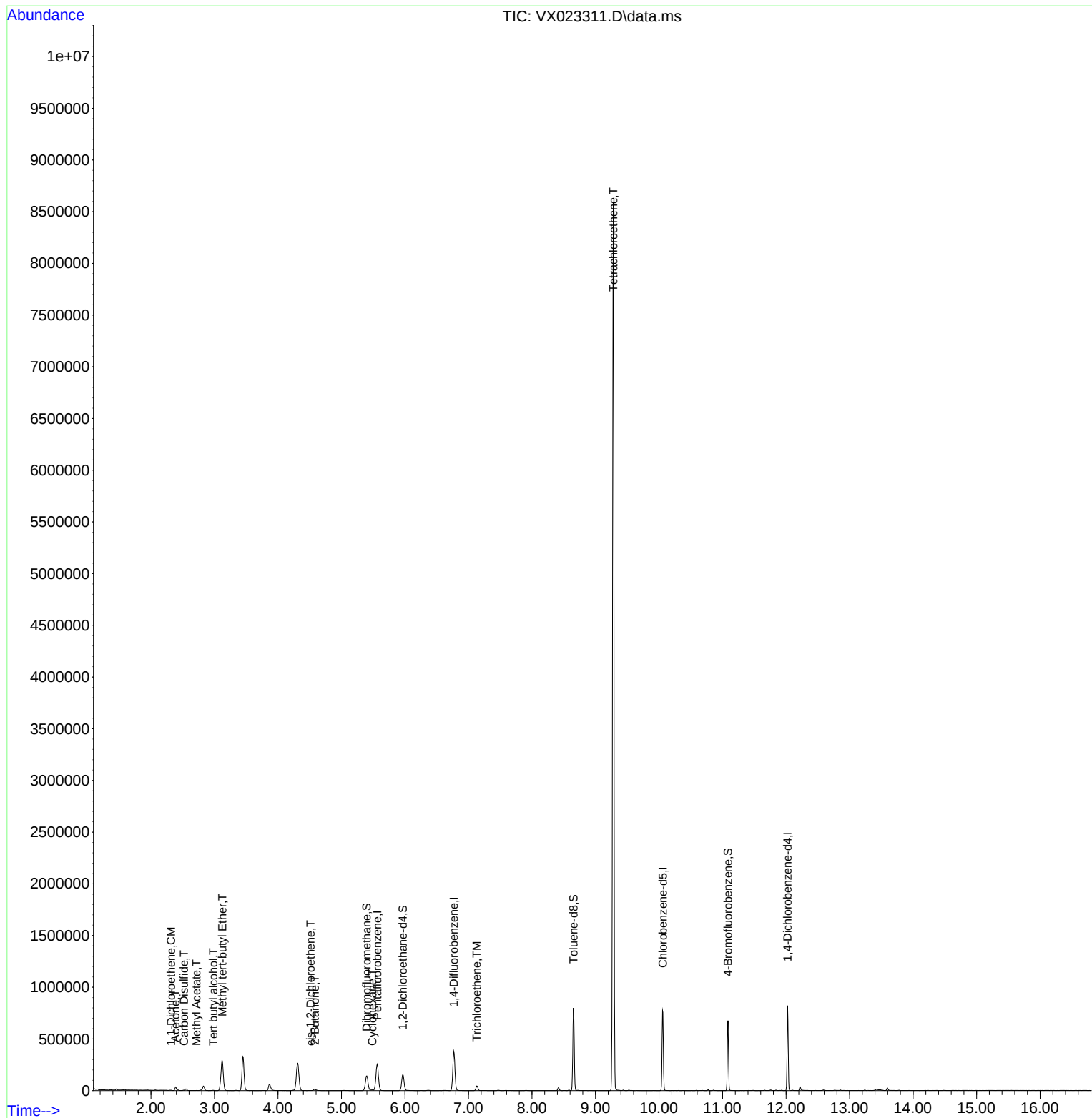
Internal Standards						
1) Pentafluorobenzene	5.562	168	238029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	387310	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	360773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	160716	50.238	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.480%			
35) Dibromofluoromethane	5.397	113	125805	50.300	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.600%			
50) Toluene-d8	8.653	98	467812	50.143	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.280%			
62) 4-Bromofluorobenzene	11.085	95	179547	49.850	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.700%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.983	59	2860	4.250	ug/l #	73
12) 1,1-Dichloroethene	2.318	96	657	0.310	ug/l #	87
16) Acetone	2.386	43	37810	29.874	ug/l	90
17) Carbon Disulfide	2.520	76	4612	1.031	ug/l #	90
18) Methyl Acetate	2.715	43	1120	0.365	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	281988	35.534	ug/l #	82
25) 2-Butanone	4.580	43	19043	9.978	ug/l	95
27) cis-1,2-Dichloroethene	4.513	96	858	0.309	ug/l	90
31) Cyclohexane	5.483	56	4558	1.190	ug/l #	89
44) Trichloroethene	7.129	130	17664	6.211	ug/l	99
64) Tetrachloroethene	9.281	164	1631859	567.110	ug/l	96

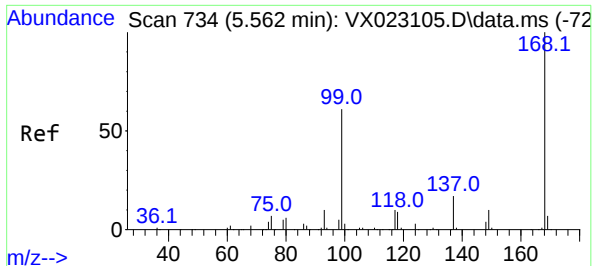
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071521\
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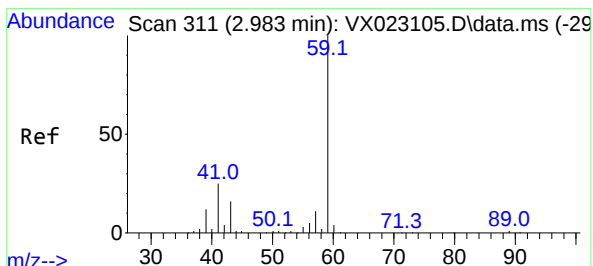
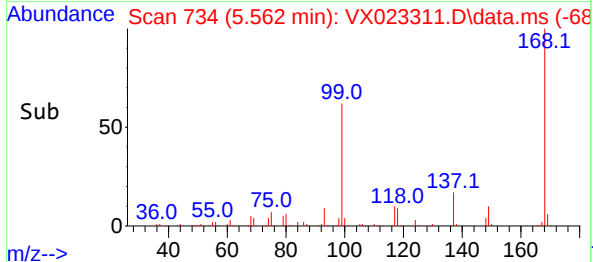
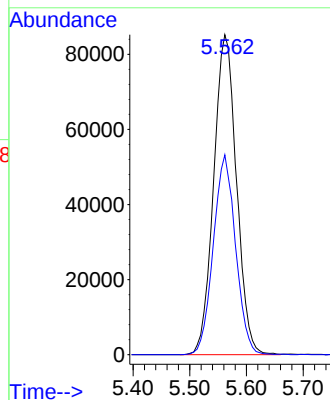
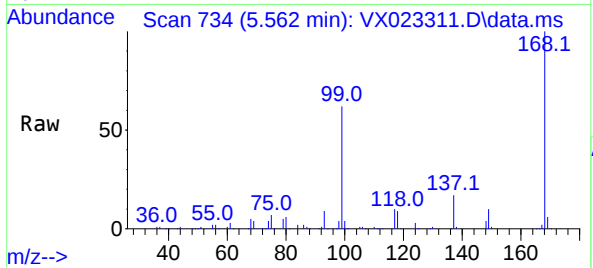




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023311.D
Acq: 15 Jul 2021 19:57

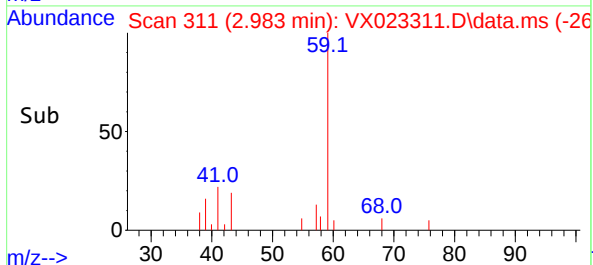
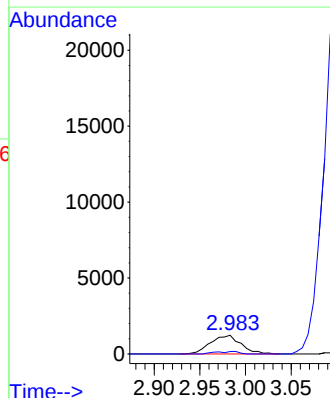
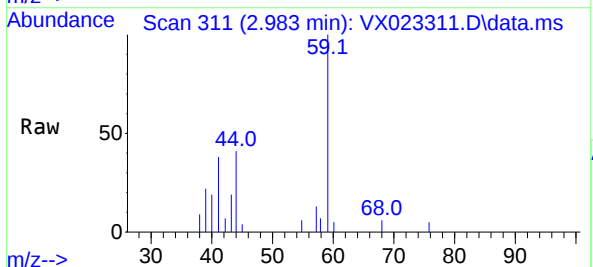
Instrument :
MSVOA_X
ClientSampleId :
PB-2021-WW-000-08

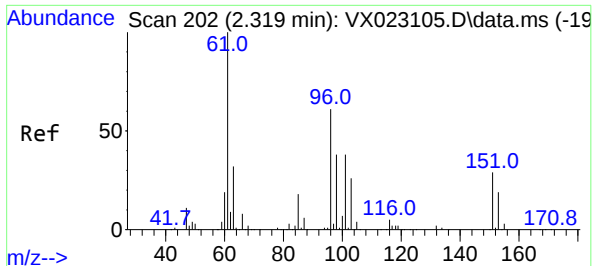
Tgt Ion:168 Resp: 238029
Ion Ratio Lower Upper
168 100
99 62.5 45.8 68.6



#11
Tert butyl alcohol
Concen: 4.250 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX023311.D
Acq: 15 Jul 2021 19:57

Tgt Ion: 59 Resp: 2860
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.310 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.001 min

Lab File: VX023311.D

Acq: 15 Jul 2021 19:57

Tgt Ion: 96 Resp: 657

Ion Ratio Lower Upper

96 100

61 164.7 124.6 187.0

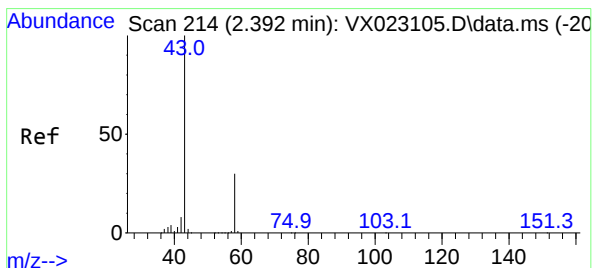
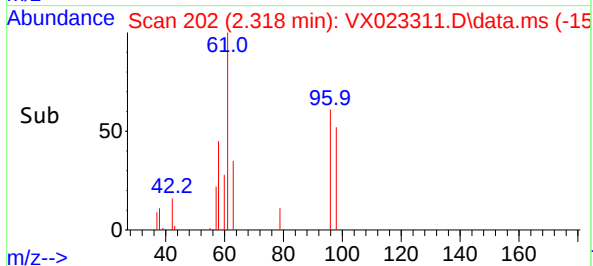
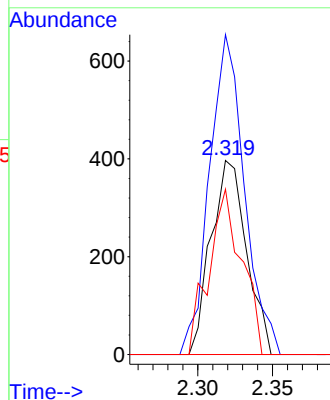
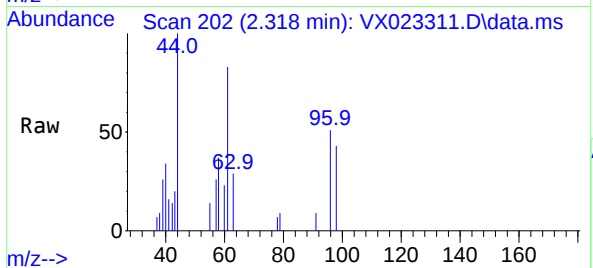
98 85.1 50.6 76.0#

Instrument :

MSVOA_X

ClientSampleId :

PB-2021-WW-000-08



#16

Acetone

Concen: 29.874 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX023311.D

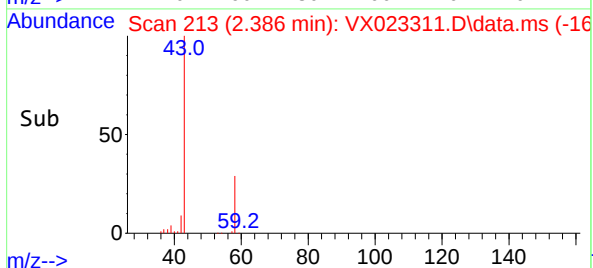
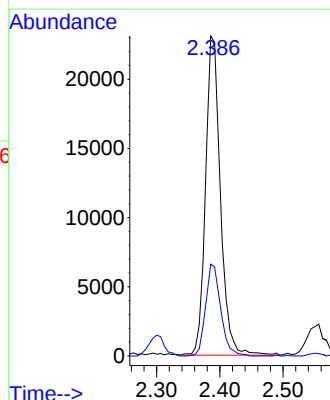
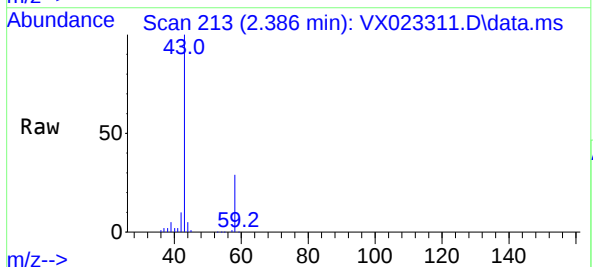
Acq: 15 Jul 2021 19:57

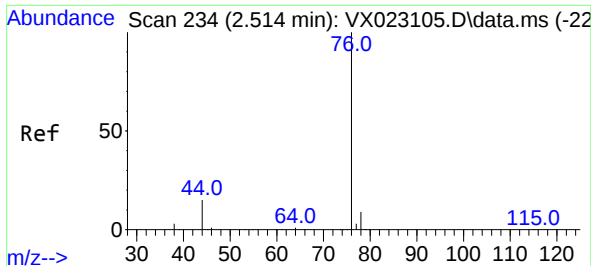
Tgt Ion: 43 Resp: 37810

Ion Ratio Lower Upper

43 100

58 28.8 27.8 41.8

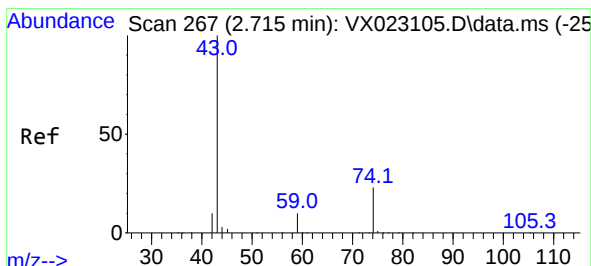
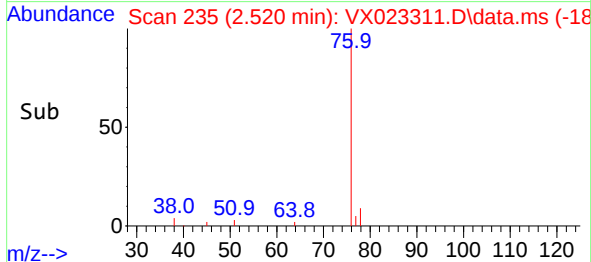
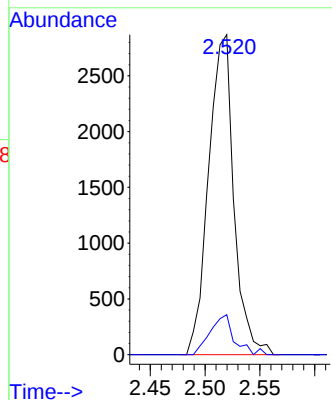
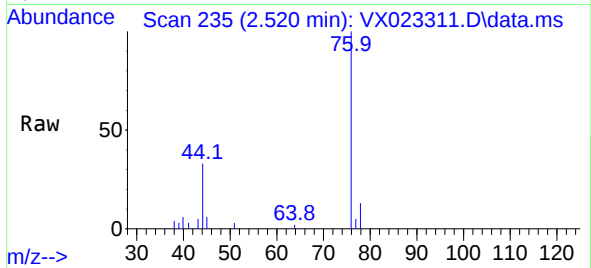




#17
Carbon Disulfide
Concen: 1.031 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX023311.D
Acq: 15 Jul 2021 19:57

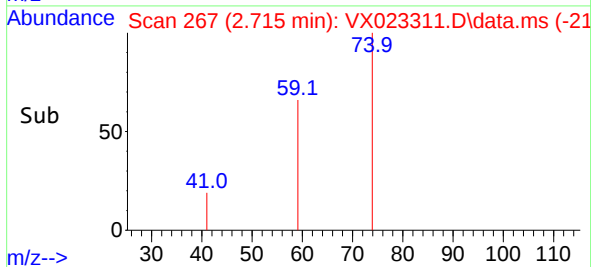
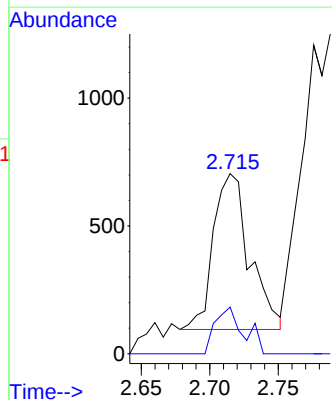
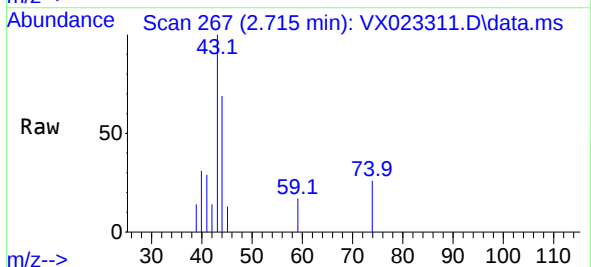
Instrument :
MSVOA_X
ClientSampleId :
PB-2021-WW-000-08

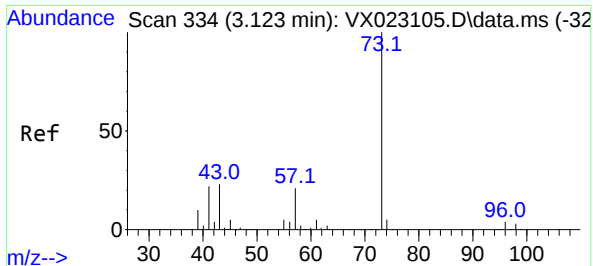
Tgt Ion: 76 Resp: 4612
Ion Ratio Lower Upper
76 100
78 12.5 7.2 10.8#



#18
Methyl Acetate
Concen: 0.365 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX023311.D
Acq: 15 Jul 2021 19:57

Tgt Ion: 43 Resp: 1120
Ion Ratio Lower Upper
43 100
74 23.5 21.9 32.9



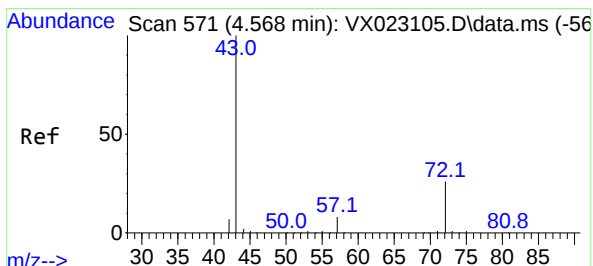
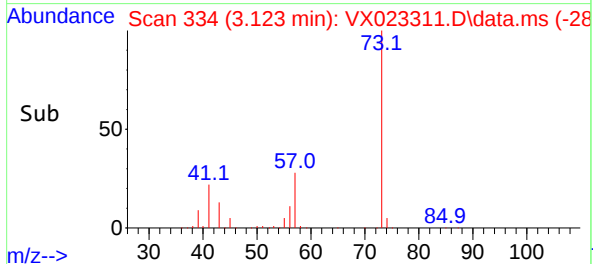
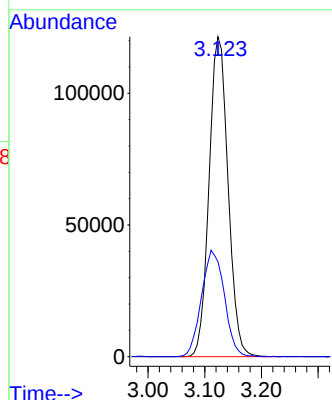
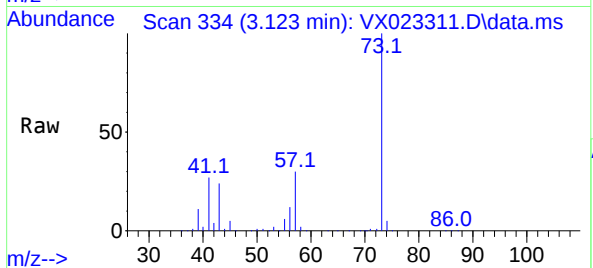


#19

Methyl tert-butyl Ether
Concen: 35.534 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023311.D
Acq: 15 Jul 2021 19:57

Instrument :
MSVOA_X
ClientSampleId :
PB-2021-WW-000-08

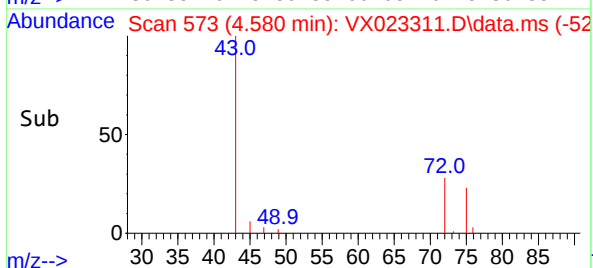
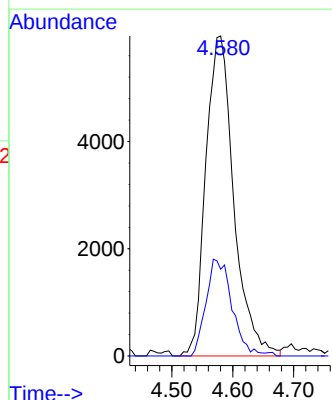
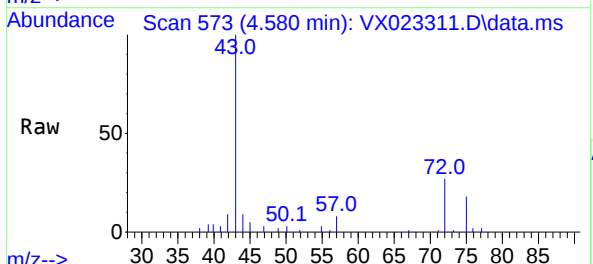
Tgt Ion: 73 Resp: 281988
Ion Ratio Lower Upper
73 100
57 29.7 17.1 25.7#

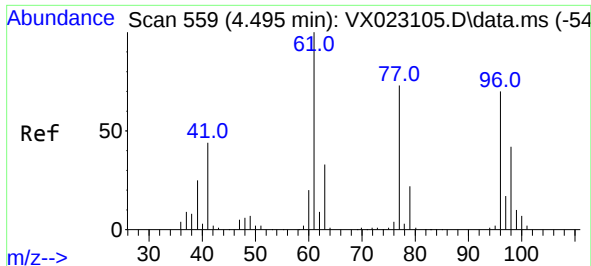


#25

2-Butanone
Concen: 9.978 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023311.D
Acq: 15 Jul 2021 19:57

Tgt Ion: 43 Resp: 19043
Ion Ratio Lower Upper
43 100
72 27.1 23.7 35.5





#27

cis-1,2-Dichloroethene

Concen: 0.309 ug/l

RT: 4.513 min Scan# 562

Delta R.T. 0.018 min

Lab File: VX023311.D

Acq: 15 Jul 2021 19:57

Tgt Ion: 96 Resp: 858

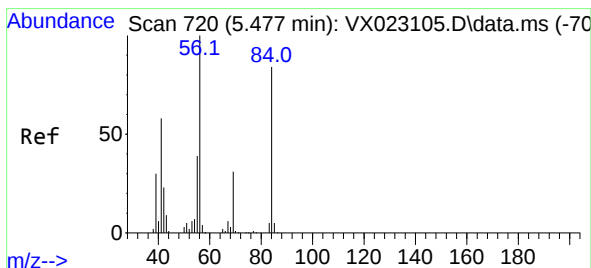
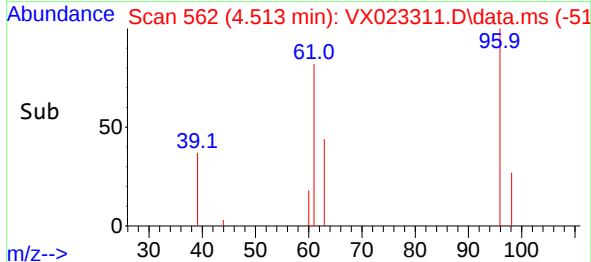
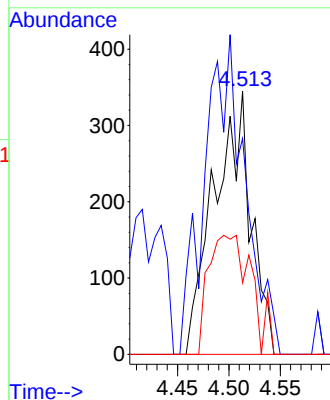
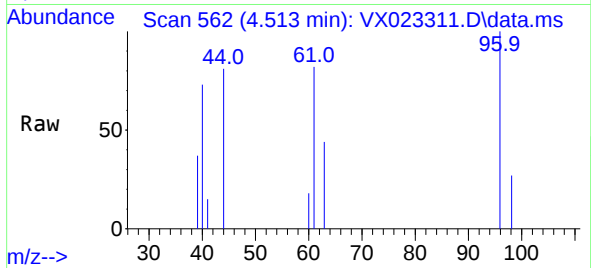
Ion	Ratio	Lower	Upper
96	100		
61	133.1	0.0	285.6
98	52.9	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

PB-2021-WW-000-08



#31

Cyclohexane

Concen: 1.190 ug/l

RT: 5.483 min Scan# 721

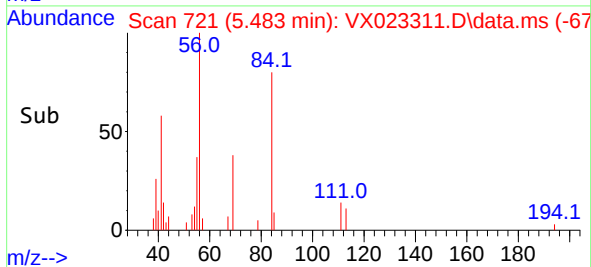
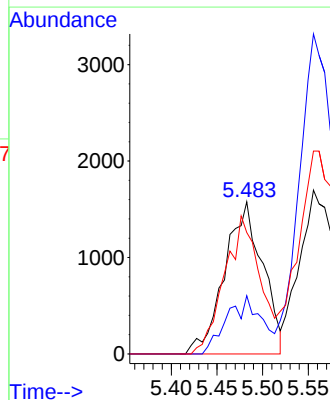
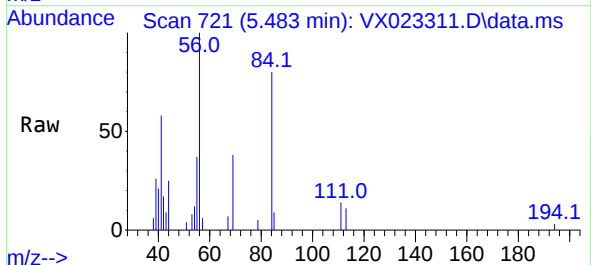
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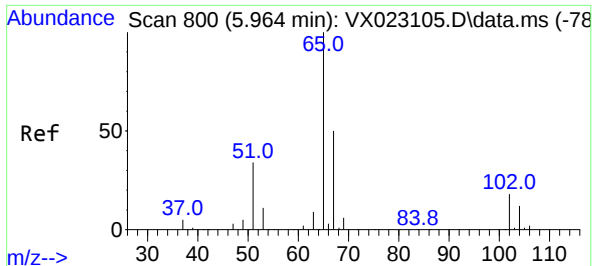
Lab File: VX023311.D

Acq: 15 Jul 2021 19:57

Tgt Ion: 56 Resp: 4558

Ion	Ratio	Lower	Upper
56	100		
69	38.3	25.3	37.9#
84	79.8	71.4	107.0

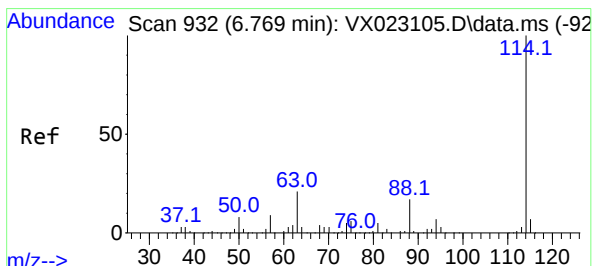
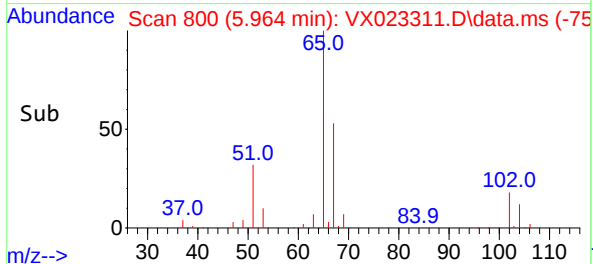
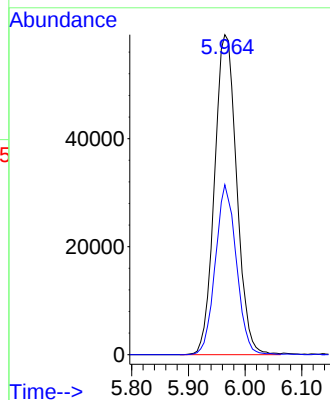
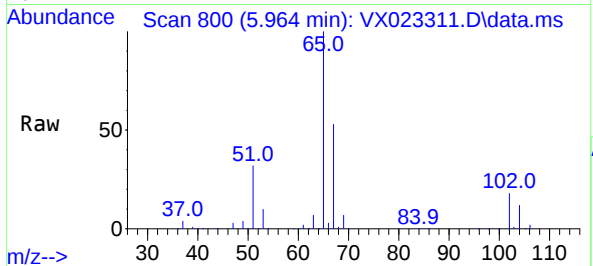




#33
1,2-Dichloroethane-d4
Concen: 50.238 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023311.D
Acq: 15 Jul 2021 19:57

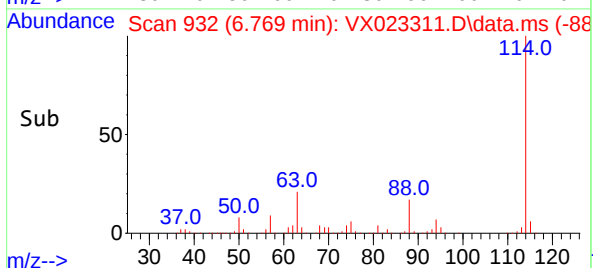
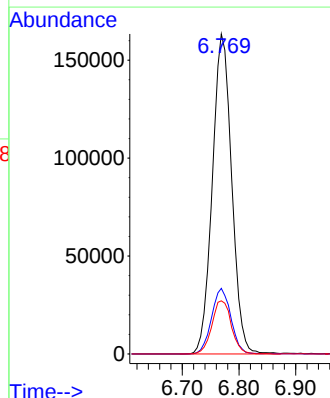
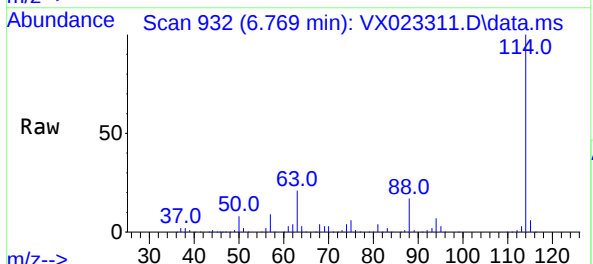
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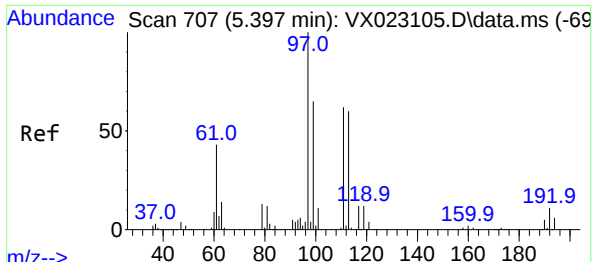
Tgt Ion: 65 Resp: 160716
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023311.D
Acq: 15 Jul 2021 19:57

Tgt Ion: 114 Resp: 387310
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.6 0.0 32.8

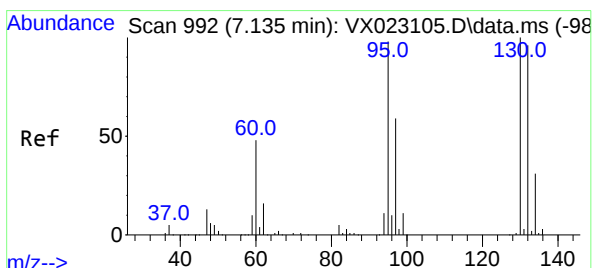
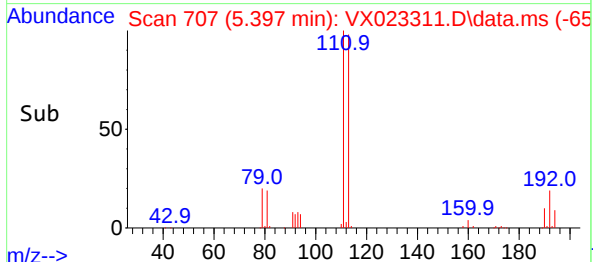
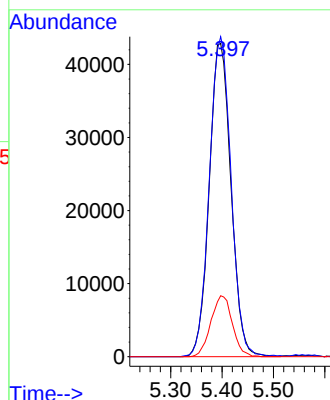
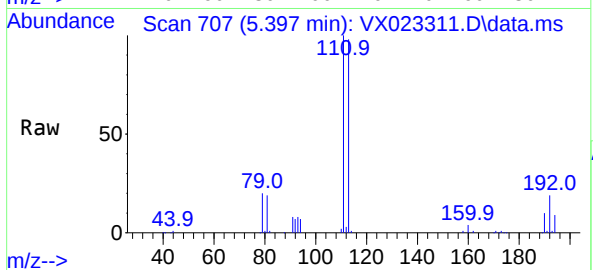




#35
Dibromofluoromethane
Concen: 50.300 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023311.D
Acq: 15 Jul 2021 19:57

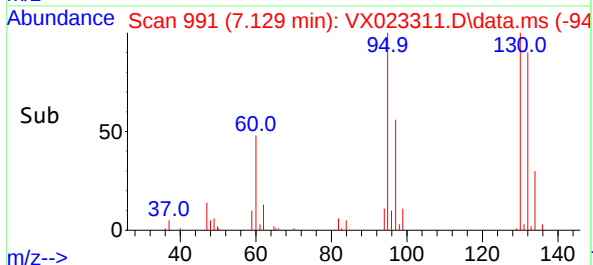
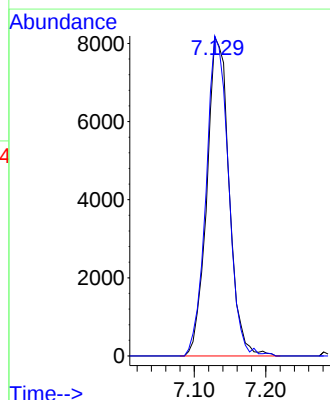
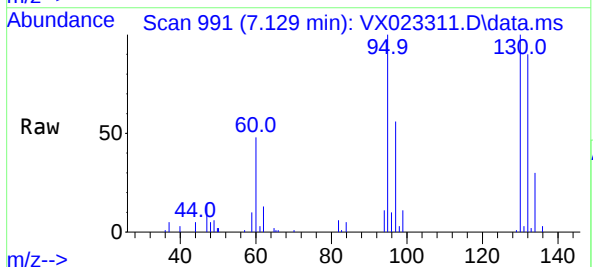
Instrument :
MSVOA_X
ClientSampleId :
PB-2021-WW-000-08

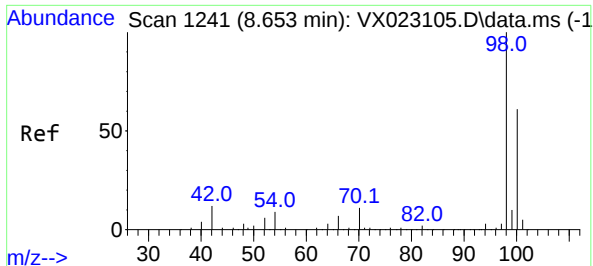
Tgt Ion:113 Resp: 125805
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 19.2 16.7 25.1



#44
Trichloroethene
Concen: 6.211 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX023311.D
Acq: 15 Jul 2021 19:57

Tgt Ion:130 Resp: 17664
Ion Ratio Lower Upper
130 100
95 100.4 0.0 198.0

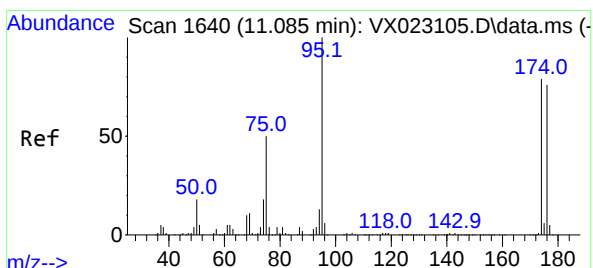
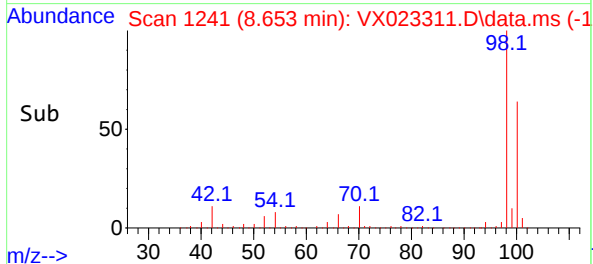
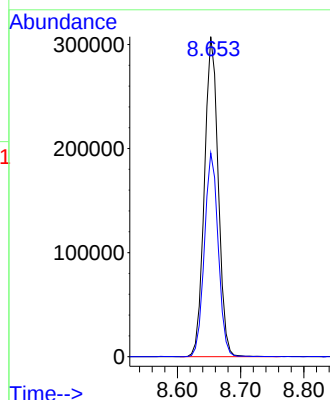
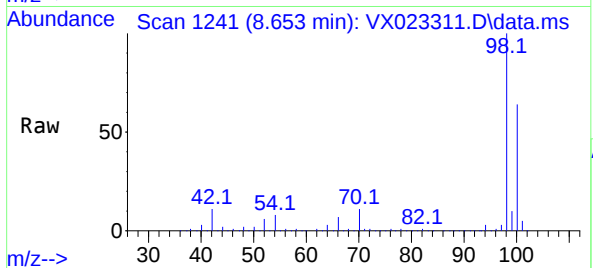




#50
Toluene-d8
Concen: 50.143 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023311.D
Acq: 15 Jul 2021 19:57

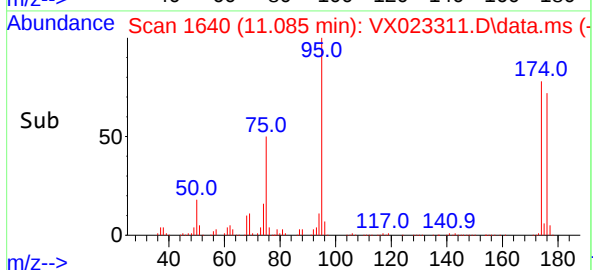
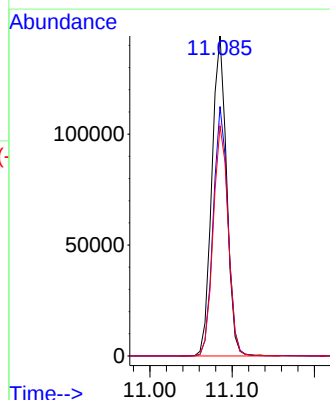
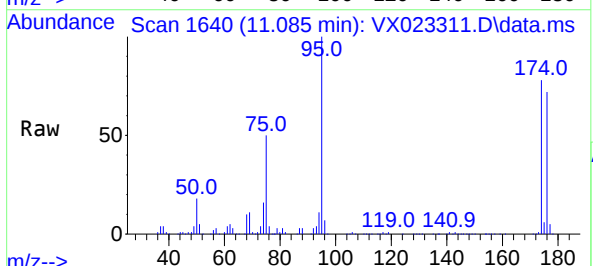
Instrument :
MSVOA_X
ClientSampleId :
PB-2021-WW-000-08

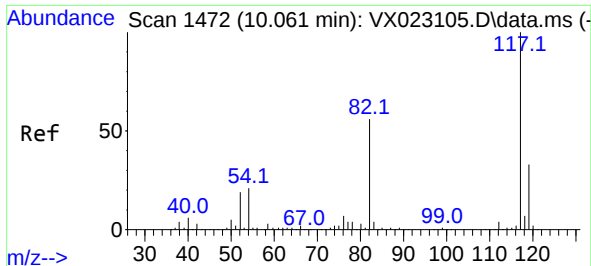
Tgt Ion: 98 Resp: 467812
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.850 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023311.D
Acq: 15 Jul 2021 19:57

Tgt Ion: 95 Resp: 179547
Ion Ratio Lower Upper
95 100
174 77.4 0.0 154.6
176 73.3 0.0 155.8

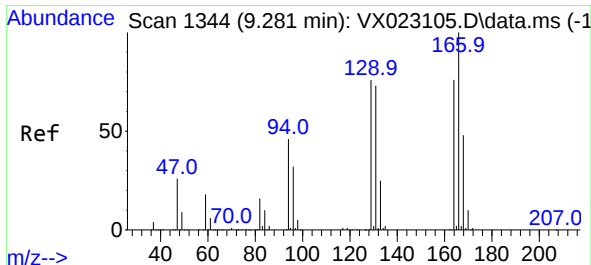
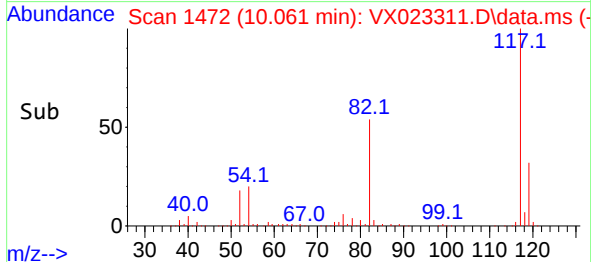
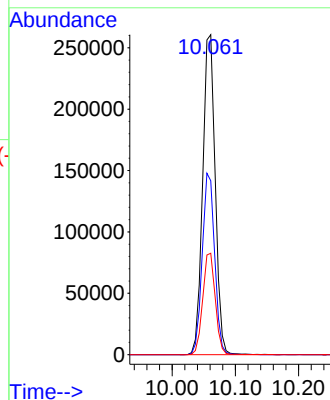
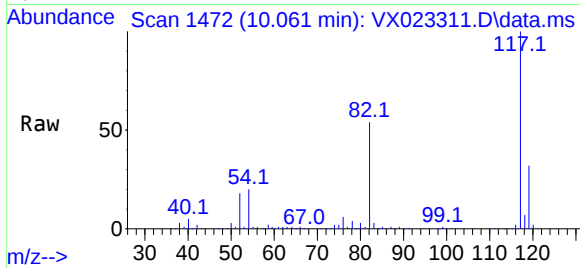




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023311.D
Acq: 15 Jul 2021 19:57

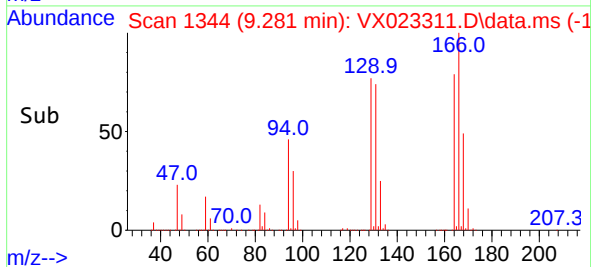
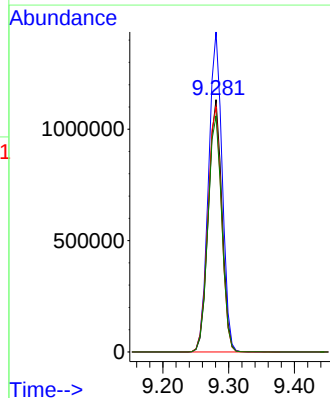
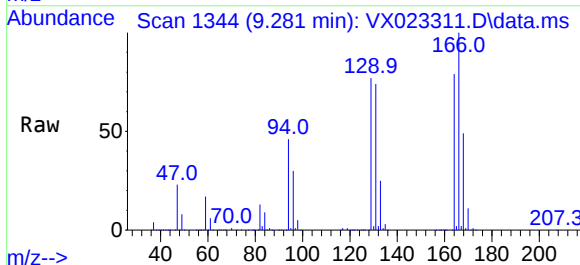
Instrument :
MSVOA_X
ClientSampleId :
PB-2021-WW-000-08

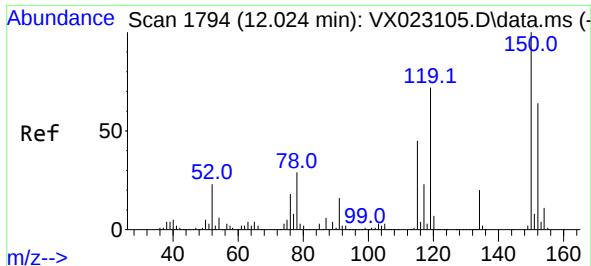
Tgt Ion:117 Resp: 360773
Ion Ratio Lower Upper
117 100
82 54.3 47.4 71.2
119 31.7 26.6 39.8



#64
Tetrachloroethene
Concen: 567.110 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX023311.D
Acq: 15 Jul 2021 19:57

Tgt Ion:164 Resp: 1631859
Ion Ratio Lower Upper
164 100
166 126.8 103.4 155.2
129 97.1 70.8 106.2
131 93.5 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: VX023311.D
 Acq: 15 Jul 2021 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 PB-2021-WW-000-08

Tgt Ion:152 Resp: 159739
 Ion Ratio Lower Upper
 152 100
 115 62.7 41.1 123.3
 150 159.1 0.0 349.0

