

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071221\
 Data File : VX023249.D
 Acq On : 12 Jul 2021 18:09
 Operator : JC/MD
 Sample : M3015-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RED-FRAC-TANK

Quant Time: Jul 13 01:30:12 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)

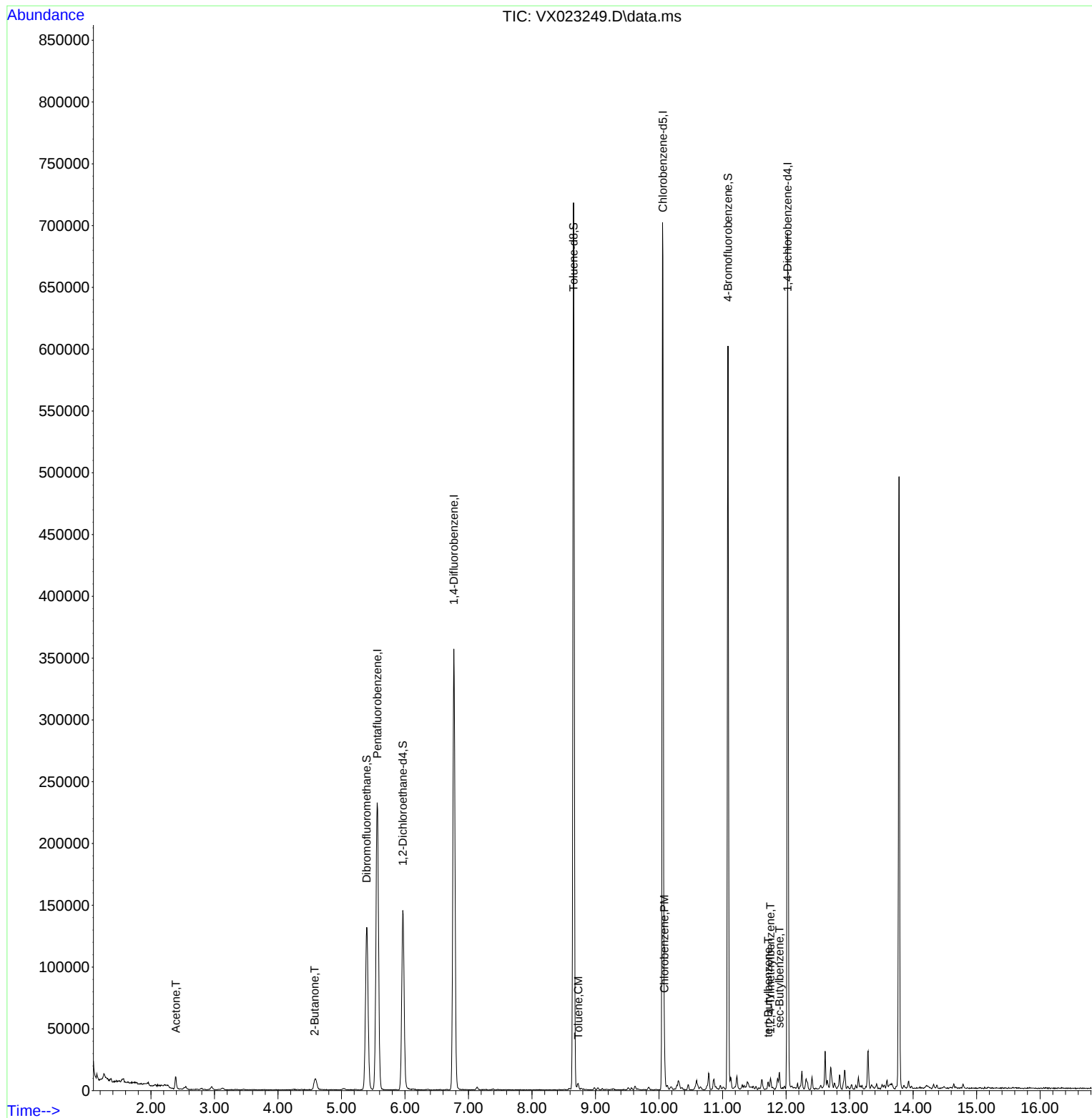
Internal Standards						
1) Pentafluorobenzene	5.562	168	220040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	360252	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	326823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	147351	49.826	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.660%		
35) Dibromofluoromethane	5.397	113	113712	48.880	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.760%		
50) Toluene-d8	8.653	98	422726	48.713	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.420%		
62) 4-Bromofluorobenzene	11.085	95	158372	47.273	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.540%		
Target Compounds						
16) Acetone	2.392	43	10227	8.741	ug/l	92
25) 2-Butanone	4.574	43	5681	3.220	ug/l #	88
52) Toluene	8.726	92	1774	0.294	ug/l	97
65) Chlorobenzene	10.085	112	14105	2.183	ug/l	91
83) tert-Butylbenzene	11.719	119	2320	0.282	ug/l	77
84) 1,2,4-Trimethylbenzene	11.756	105	3601	0.420	ug/l	89
85) sec-Butylbenzene	11.896	105	7169	0.677	ug/l	94

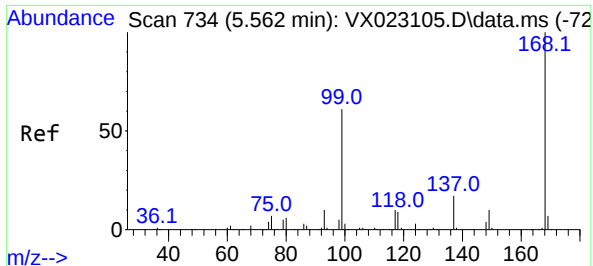
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071221\
Data File : VX023249.D
Acq On : 12 Jul 2021 18:09
Operator : JC/MD
Sample : M3015-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RED-FRAC-TANK

Quant Time: Jul 13 01:30:12 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

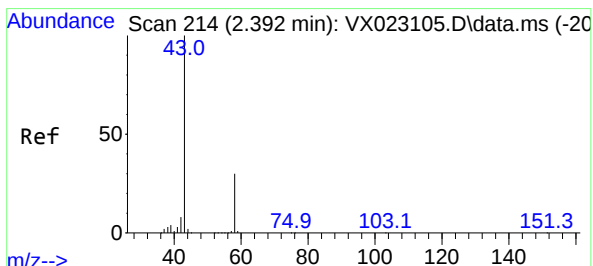
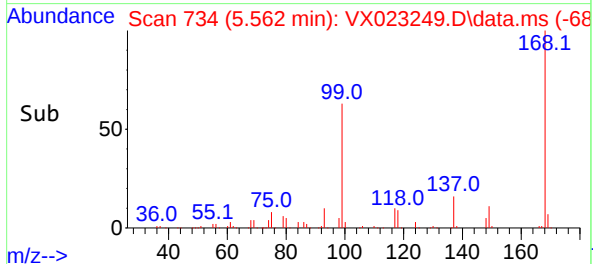
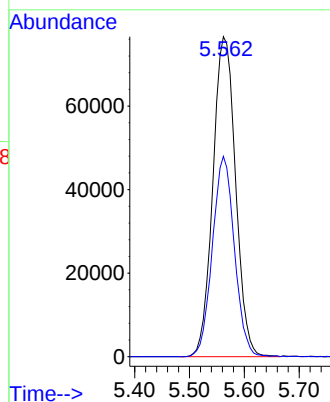
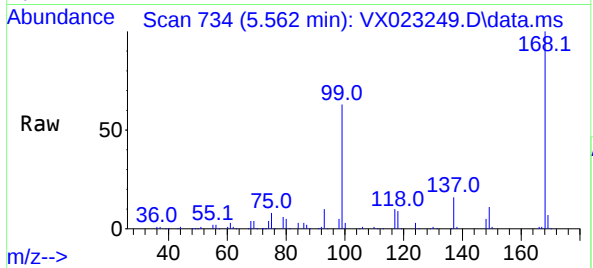




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023249.D
Acq: 12 Jul 2021 18:09

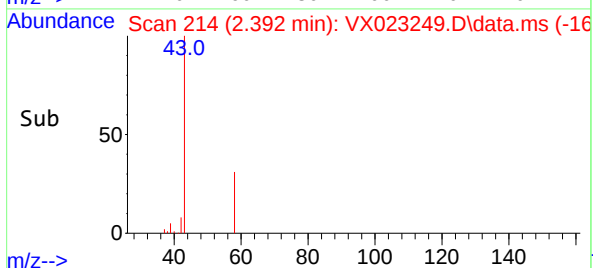
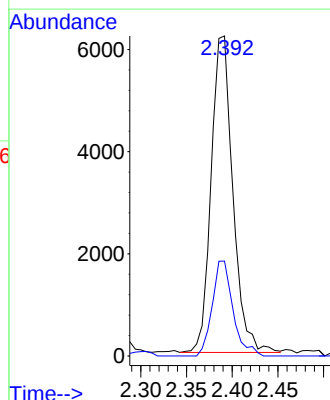
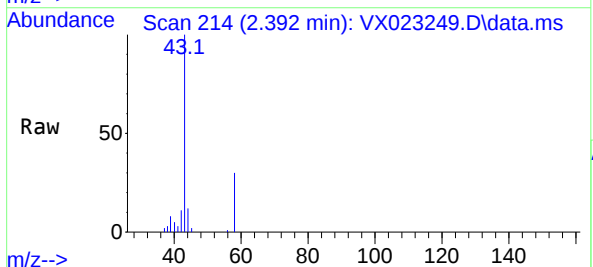
Instrument :
MSVOA_X
ClientSampleId :
RED-FRAC-TANK

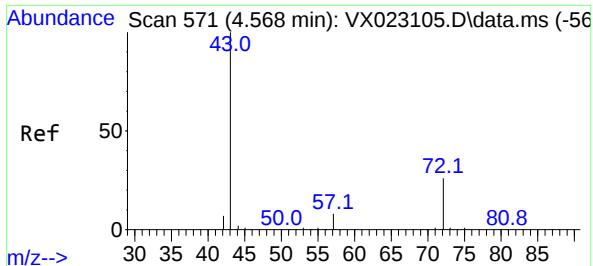
Tgt Ion:168 Resp: 220040
Ion Ratio Lower Upper
168 100
99 62.6 45.8 68.6



#16
Acetone
Concen: 8.741 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023249.D
Acq: 12 Jul 2021 18:09

Tgt Ion: 43 Resp: 10227
Ion Ratio Lower Upper
43 100
58 30.0 27.8 41.8

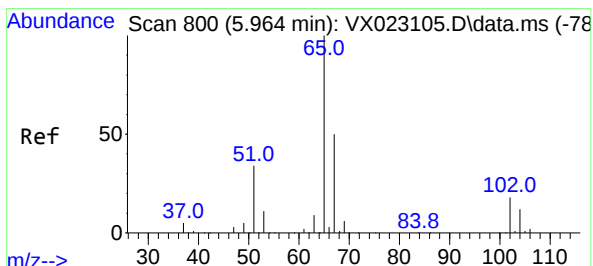
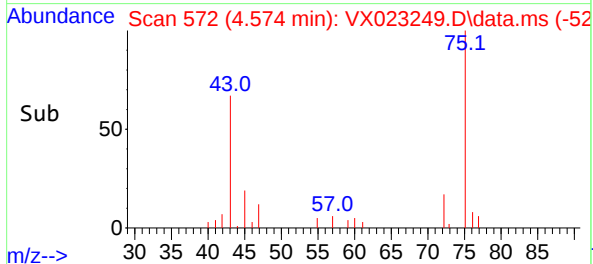
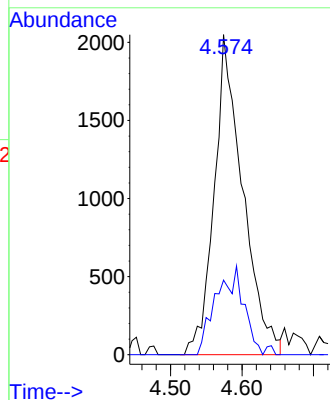
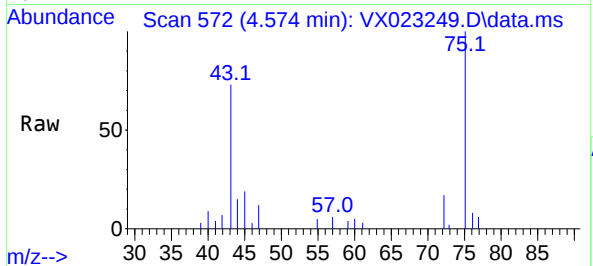




#25
2-Butanone
Concen: 3.220 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023249.D
Acq: 12 Jul 2021 18:09

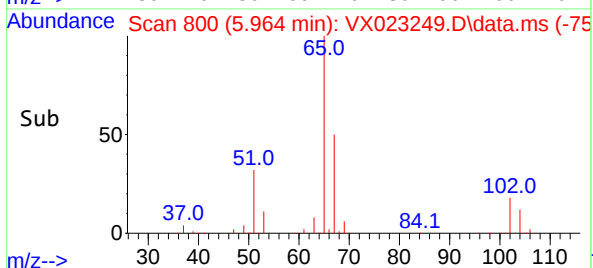
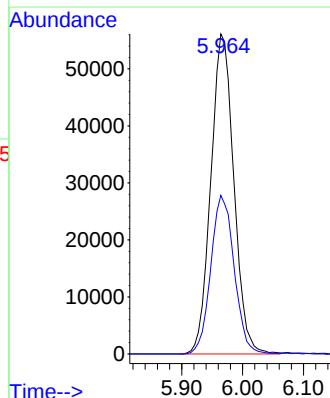
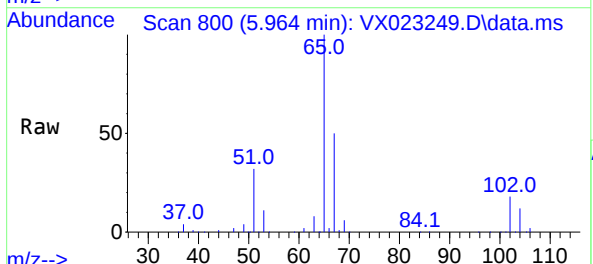
Instrument :
MSVOA_X
ClientSampleId :
RED-FRAC-TANK

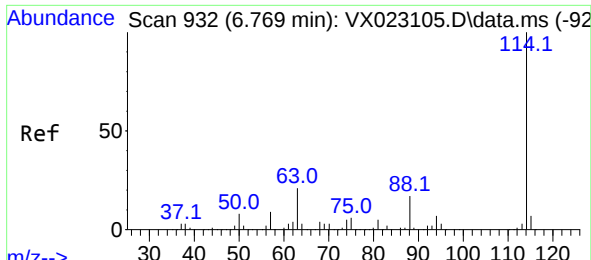
Tgt Ion: 43 Resp: 5681
Ion Ratio Lower Upper
43 100
72 23.3 23.7 35.5#



#33
1,2-Dichloroethane-d4
Concen: 49.826 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023249.D
Acq: 12 Jul 2021 18:09

Tgt Ion: 65 Resp: 147351
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

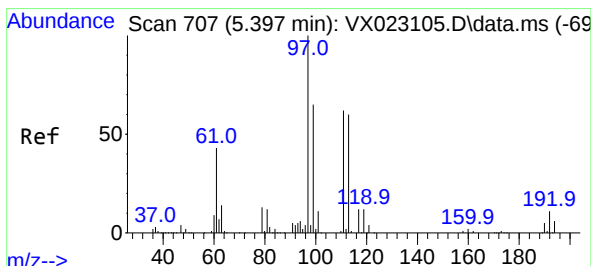
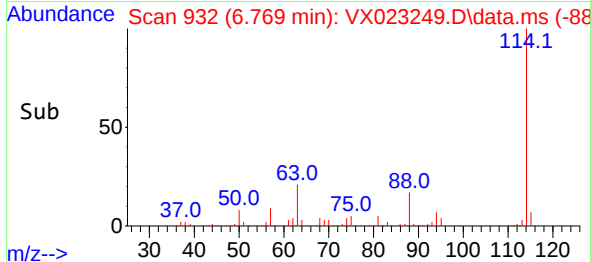
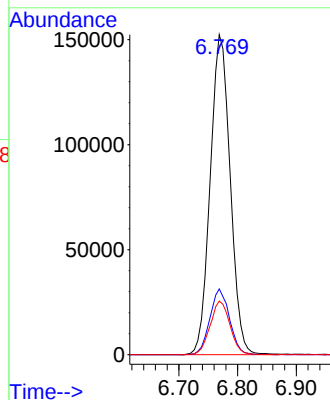
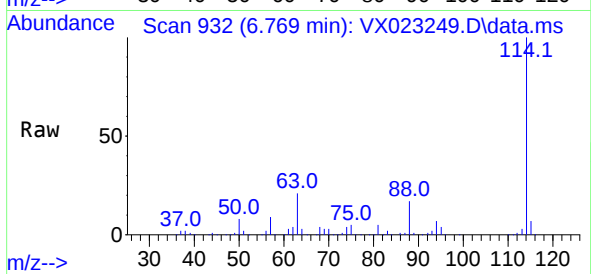




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023249.D
Acq: 12 Jul 2021 18:09

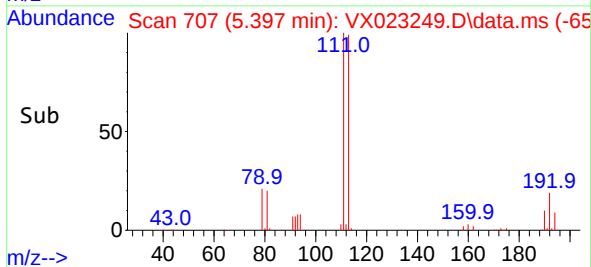
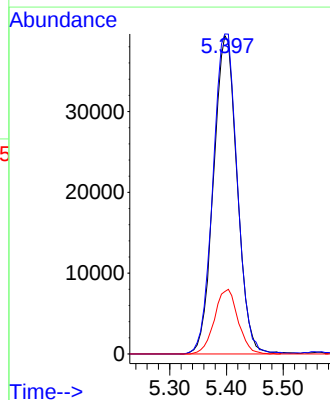
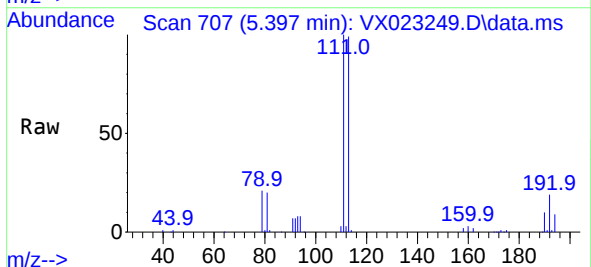
Instrument :
MSVOA_X
ClientSampleId :
RED-FRAC-TANK

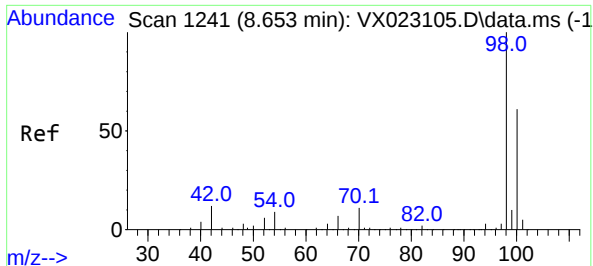
Tgt Ion:114 Resp: 360252
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.880 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023249.D
Acq: 12 Jul 2021 18:09

Tgt Ion:113 Resp: 113712
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.3 16.7 25.1

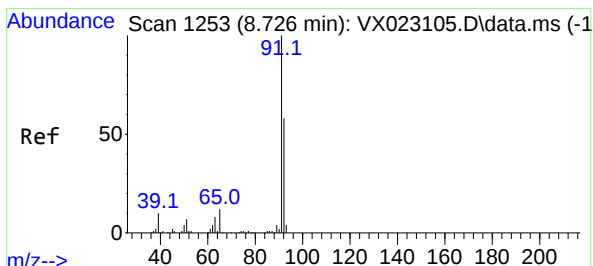
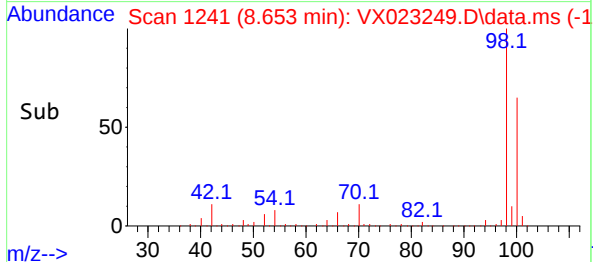
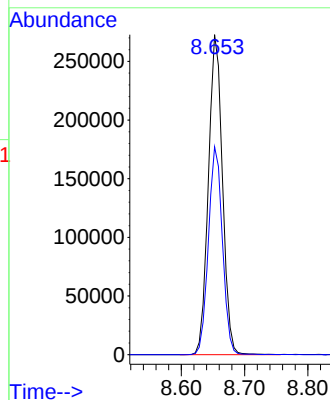
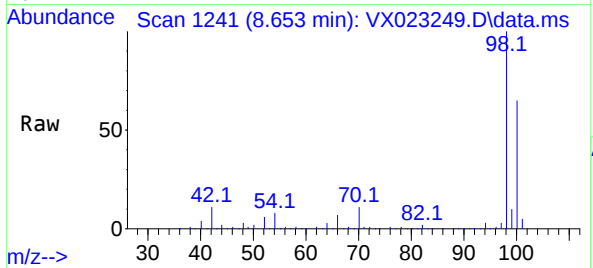




#50
Toluene-d8
Concen: 48.713 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023249.D
Acq: 12 Jul 2021 18:09

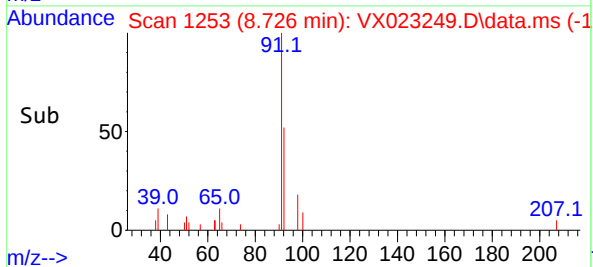
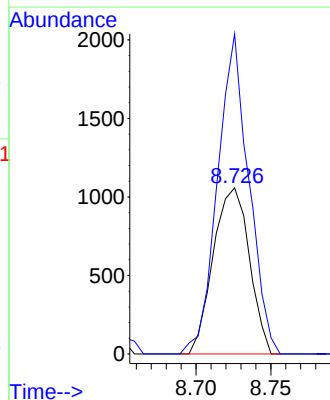
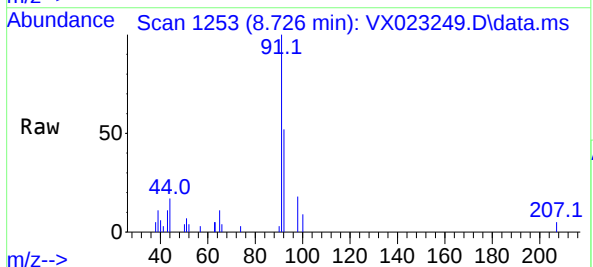
Instrument :
MSVOA_X
ClientSampleId :
RED-FRAC-TANK

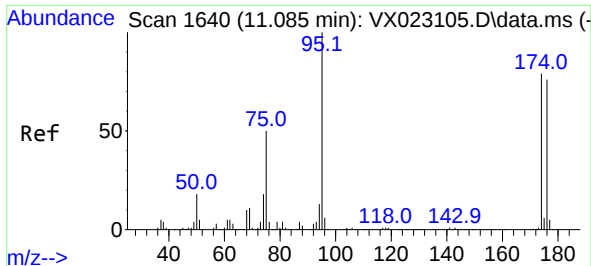
Tgt Ion: 98 Resp: 422726
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#52
Toluene
Concen: 0.294 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.000 min
Lab File: VX023249.D
Acq: 12 Jul 2021 18:09

Tgt Ion: 92 Resp: 1774
Ion Ratio Lower Upper
92 100
91 167.0 137.1 205.7

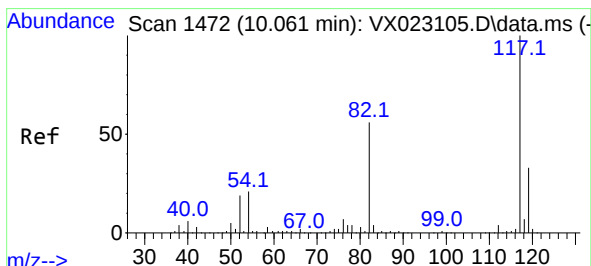
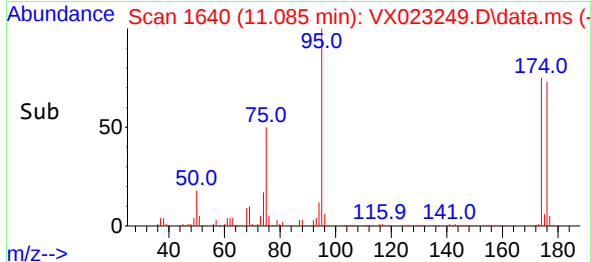
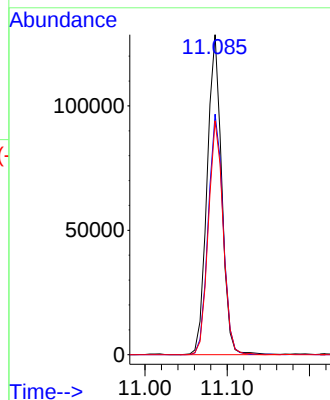
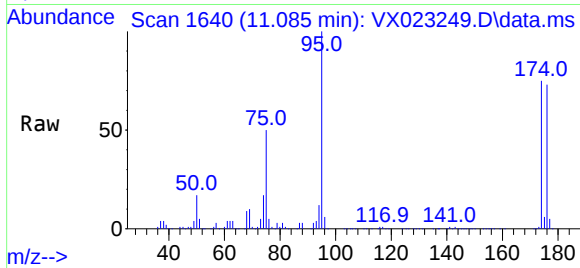




#62
4-Bromofluorobenzene
Concen: 47.273 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023249.D
Acq: 12 Jul 2021 18:09

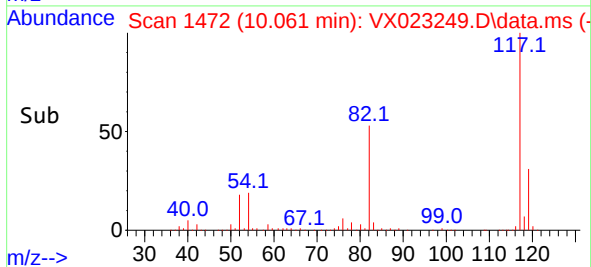
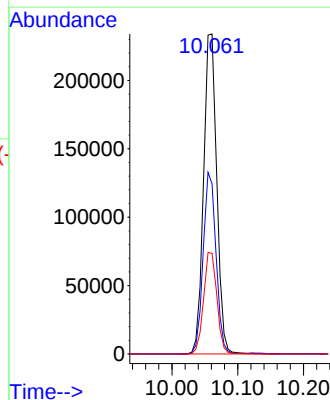
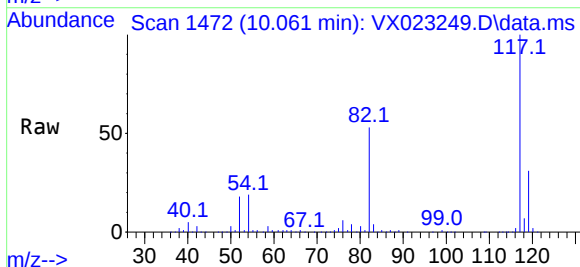
Instrument :
MSVOA_X
ClientSampleId :
RED-FRAC-TANK

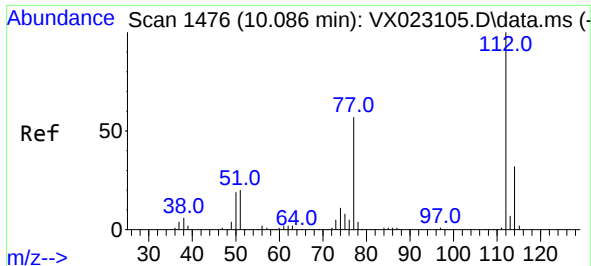
Tgt Ion: 95 Resp: 158372
Ion Ratio Lower Upper
95 100
174 76.5 0.0 154.6
176 73.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX023249.D
Acq: 12 Jul 2021 18:09

Tgt Ion: 117 Resp: 326823
Ion Ratio Lower Upper
117 100
82 53.2 47.4 71.2
119 31.4 26.6 39.8

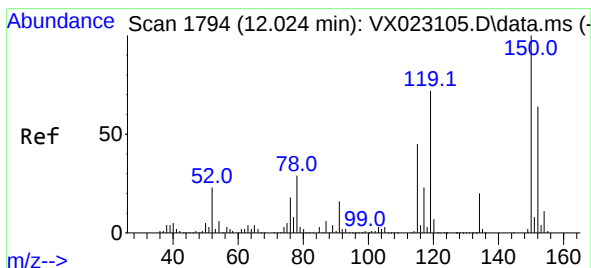
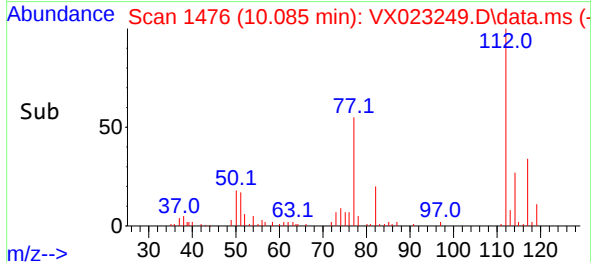
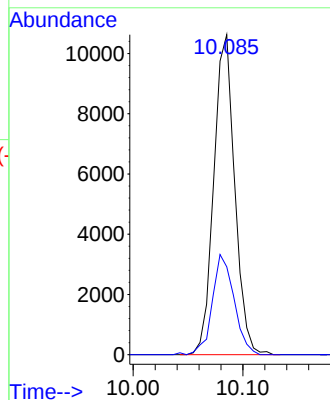
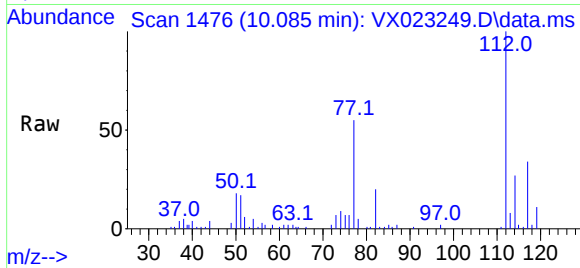




#65
Chlorobenzene
Concen: 2.183 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. -0.001 min
Lab File: VX023249.D
Acq: 12 Jul 2021 18:09

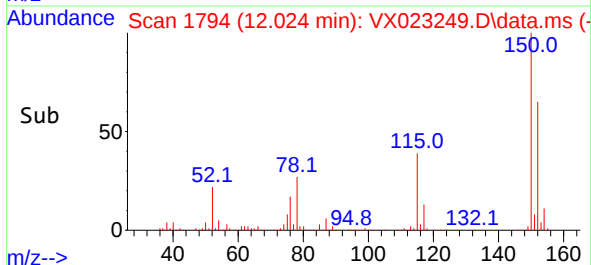
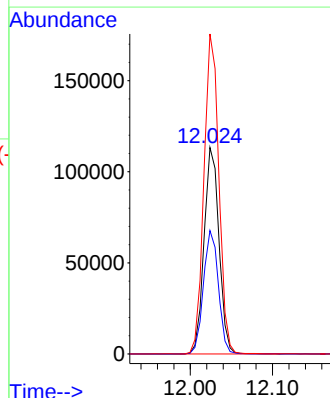
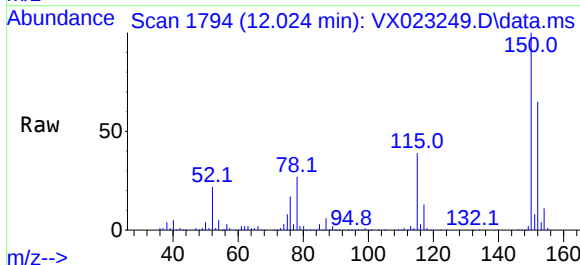
Instrument :
MSVOA_X
ClientSampleId :
RED-FRAC-TANK

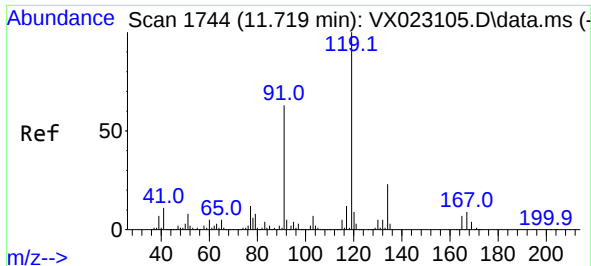
Tgt Ion:112 Resp: 14105
Ion Ratio Lower Upper
112 100
114 27.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023249.D
Acq: 12 Jul 2021 18:09

Tgt Ion:152 Resp: 142971
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 154.9 0.0 349.0

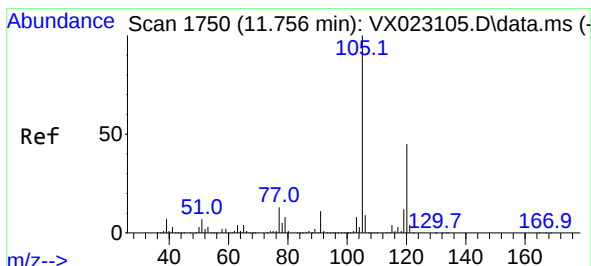
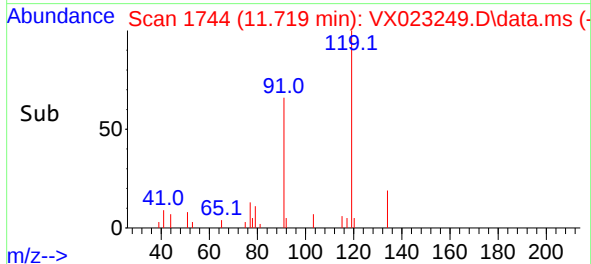
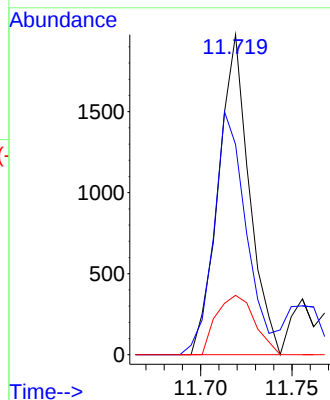
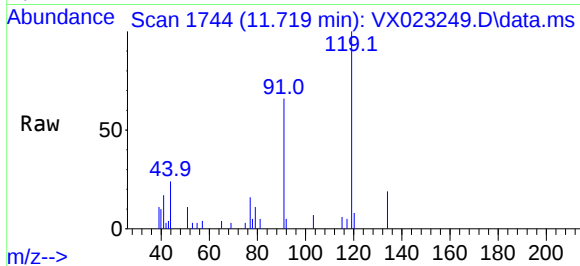




#83
tert-Butylbenzene
Concen: 0.282 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX023249.D
Acq: 12 Jul 2021 18:09

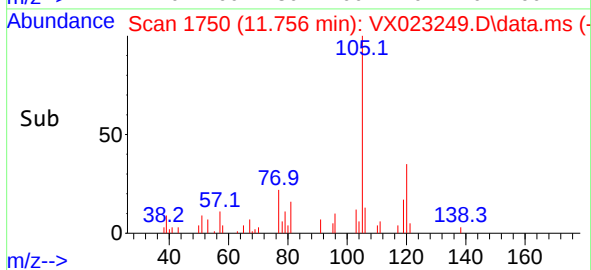
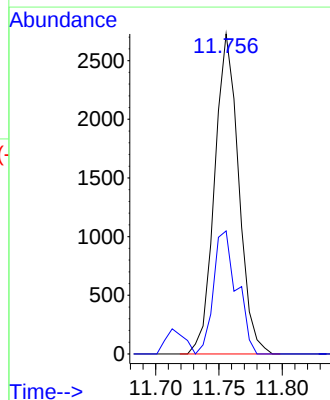
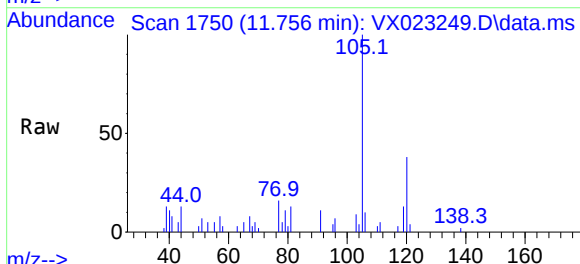
Instrument :
MSVOA_X
ClientSampleId :
RED-FRAC-TANK

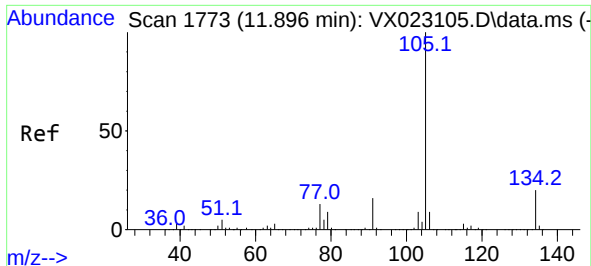
Tgt Ion:119	Resp:	2320
Ion	Ratio	Lower Upper
119	100	
91	78.9	27.9 83.7
134	23.0	11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 0.420 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX023249.D
Acq: 12 Jul 2021 18:09

Tgt Ion:105	Resp:	3601
Ion	Ratio	Lower Upper
105	100	
120	37.5	22.4 67.3





#85
sec-Butylbenzene
Concen: 0.677 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VX023249.D
Acq: 12 Jul 2021 18:09

Instrument :
MSVOA_X
ClientSampleId :
RED-FRAC-TANK

Tgt Ion:105 Resp: 7169
Ion Ratio Lower Upper
105 100
134 17.3 10.0 29.8

