

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101221\
 Data File : VX024763.D
 Acq On : 12 Oct 2021 15:14
 Operator : JC/MD
 Sample : M4169-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-RR-03-(SA)

Quant Time: Oct 12 15:47:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

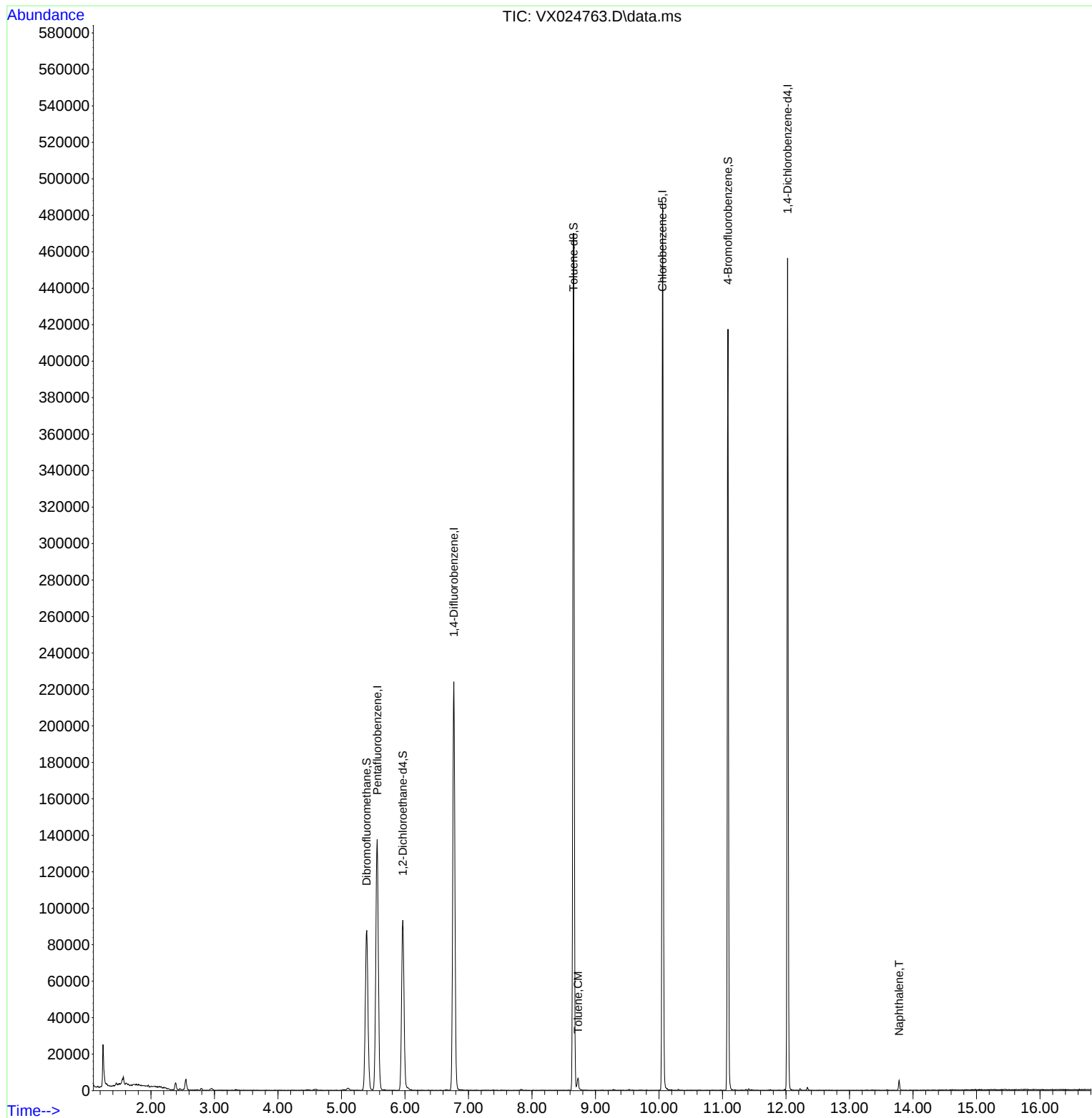
Internal Standards						
1) Pentafluorobenzene	5.562	168	126724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	222192	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96459	54.008	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.020%	
35) Dibromofluoromethane	5.398	113	75600	51.217	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.440%	
50) Toluene-d8	8.653	98	271240	49.927	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.860%	
62) 4-Bromofluorobenzene	11.086	95	106071	49.657	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.320%	
Target Compounds						Qvalue
52) Toluene	8.726	92	2394	0.608	ug/l	96
95) Naphthalene	13.780	128	3543	0.561	ug/l	97

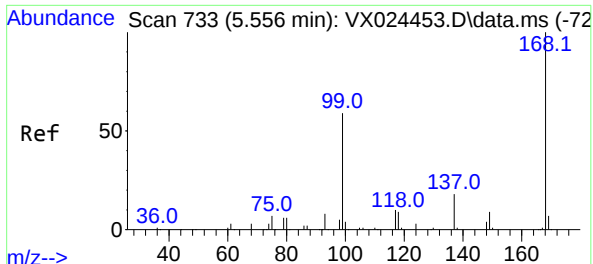
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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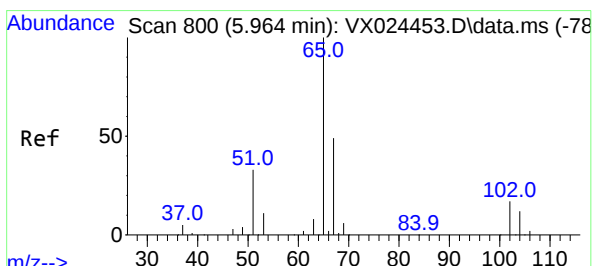
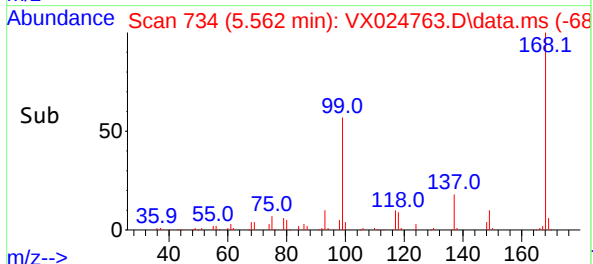
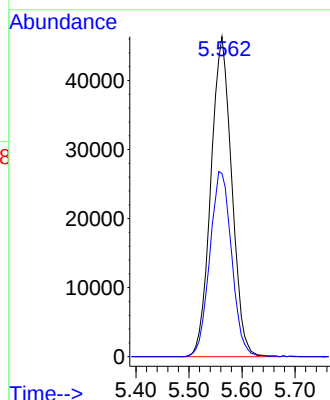
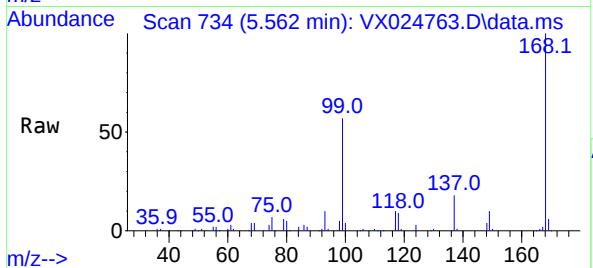




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024763.D
Acq: 12 Oct 2021 15:14

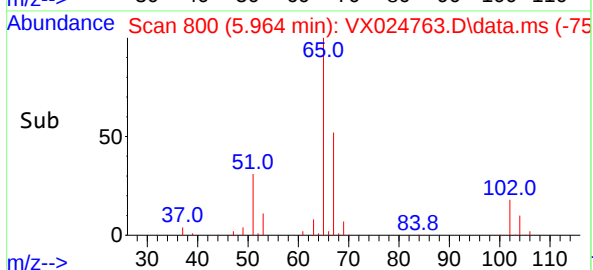
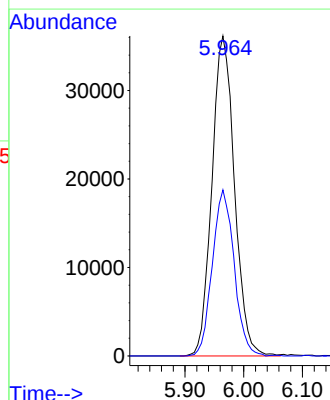
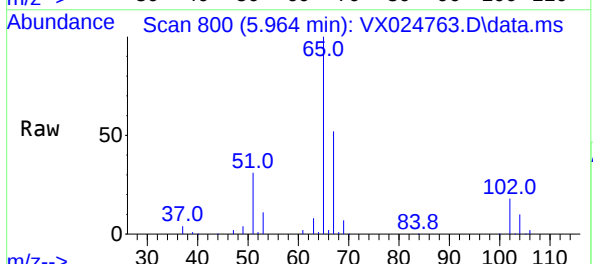
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

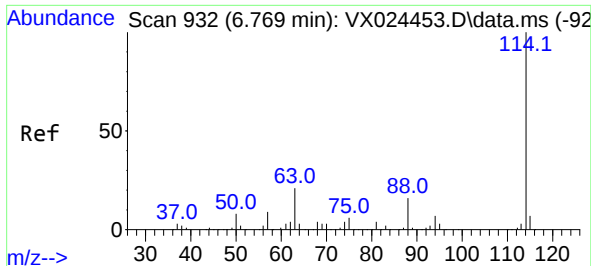
Tgt Ion:168 Resp: 126724
Ion Ratio Lower Upper
168 100
99 57.3 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 54.008 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024763.D
Acq: 12 Oct 2021 15:14

Tgt Ion: 65 Resp: 96459
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

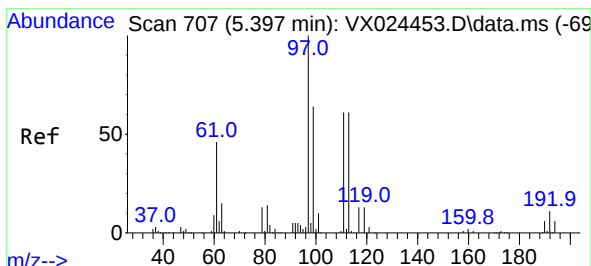
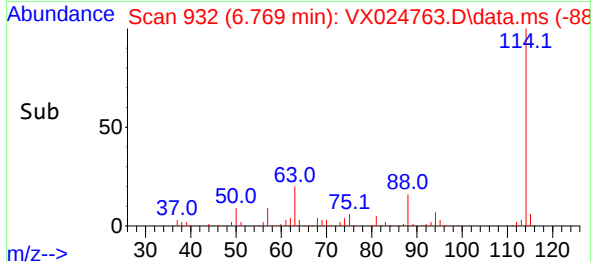
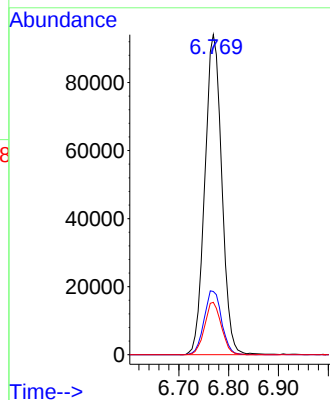
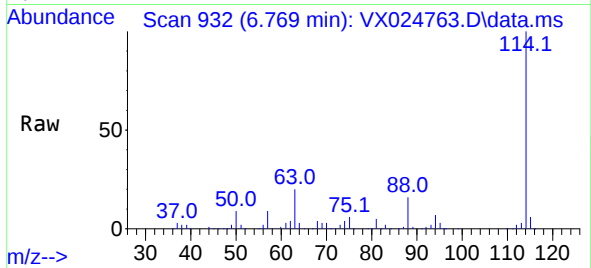




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024763.D
Acq: 12 Oct 2021 15:14

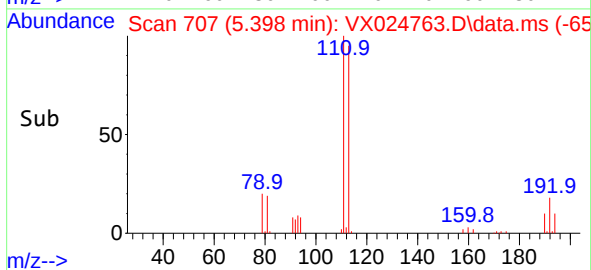
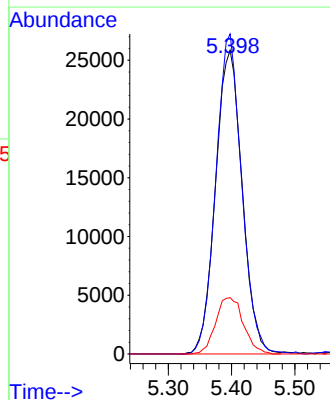
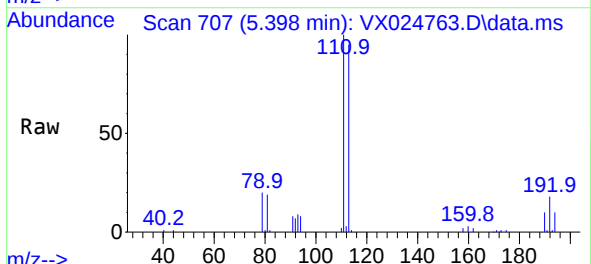
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

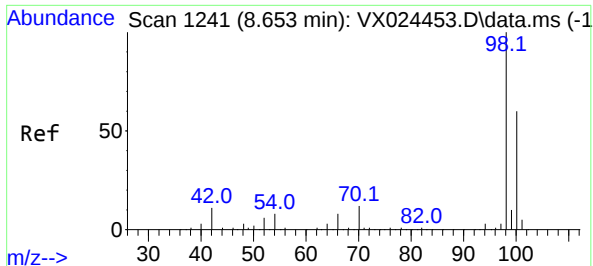
Tgt Ion:114 Resp: 222192
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.217 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024763.D
Acq: 12 Oct 2021 15:14

Tgt Ion:113 Resp: 75600
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 19.3 16.7 25.1

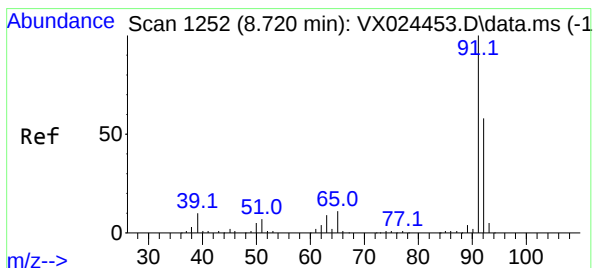
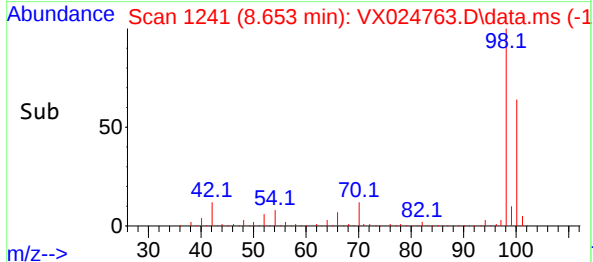
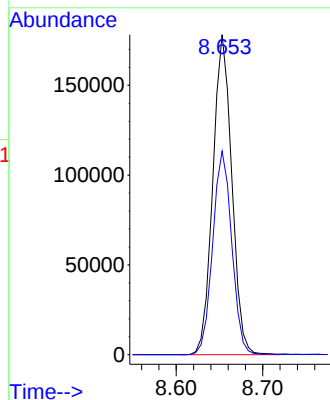
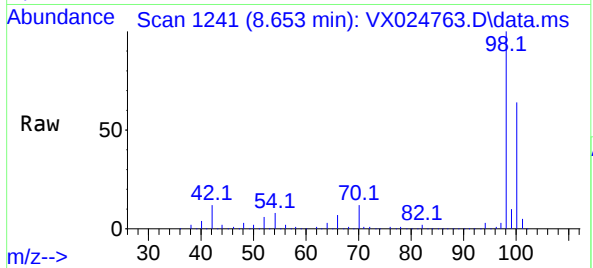




#50
Toluene-d8
Concen: 49.927 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024763.D
Acq: 12 Oct 2021 15:14

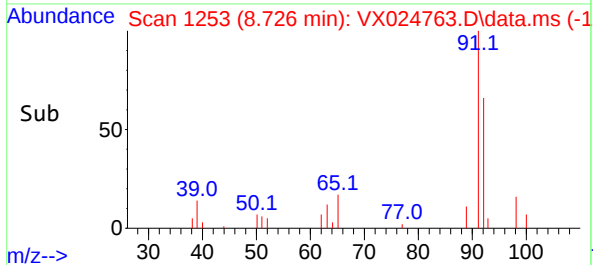
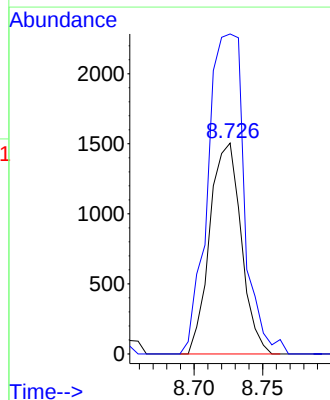
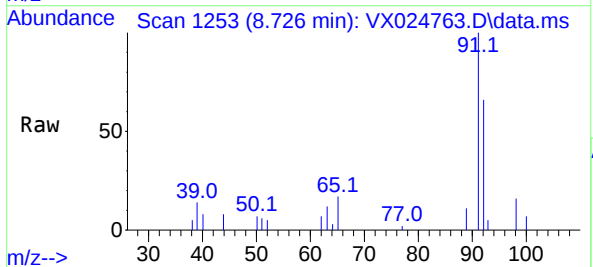
Instrument :
MSVOA_X
ClientSampleId :
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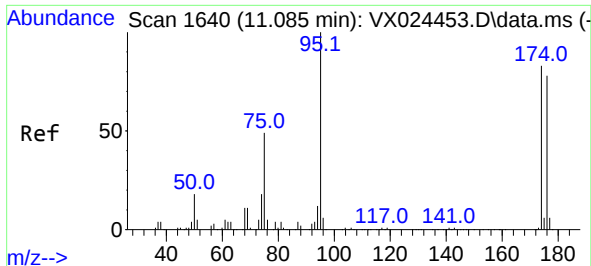
Tgt Ion: 98 Resp: 271240
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#52
Toluene
Concen: 0.608 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX024763.D
Acq: 12 Oct 2021 15:14

Tgt Ion: 92 Resp: 2394
Ion Ratio Lower Upper
92 100
91 177.1 137.1 205.7

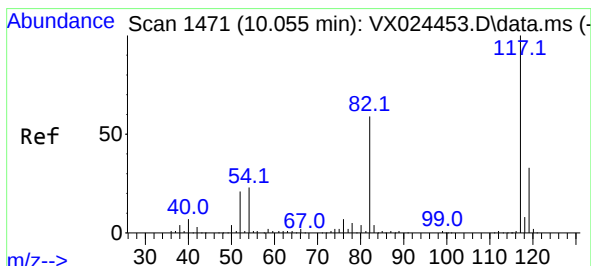
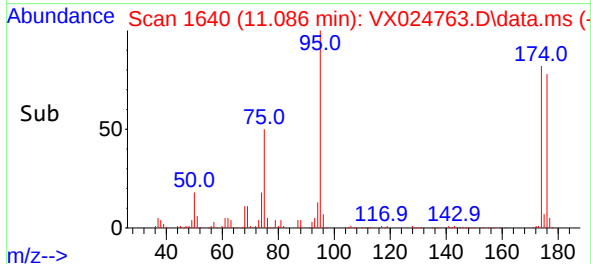
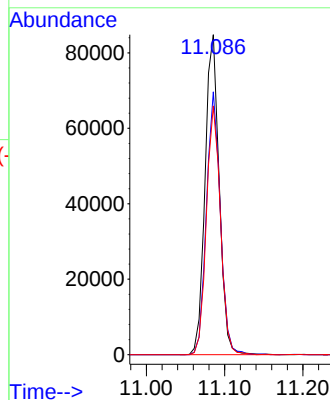
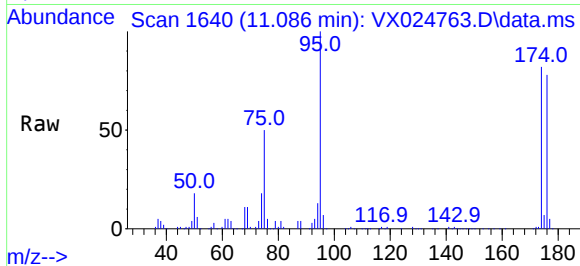




#62
4-Bromofluorobenzene
Concen: 49.657 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024763.D
Acq: 12 Oct 2021 15:14

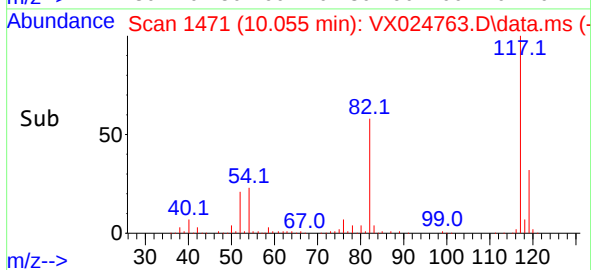
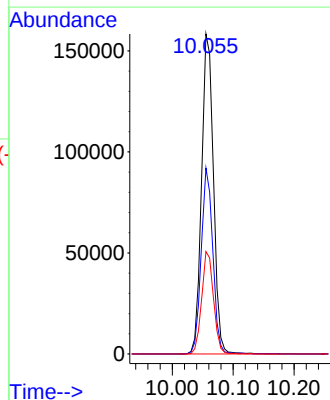
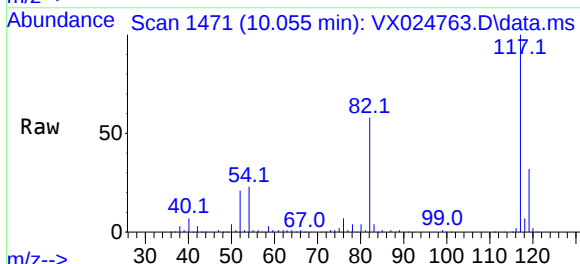
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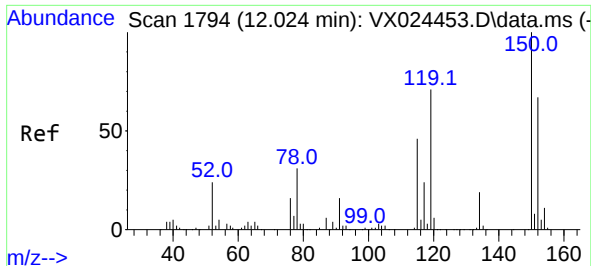
Tgt Ion: 95 Resp: 106071
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.6
176 77.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024763.D
Acq: 12 Oct 2021 15:14

Tgt Ion: 117 Resp: 215331
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 32.0 26.6 39.8

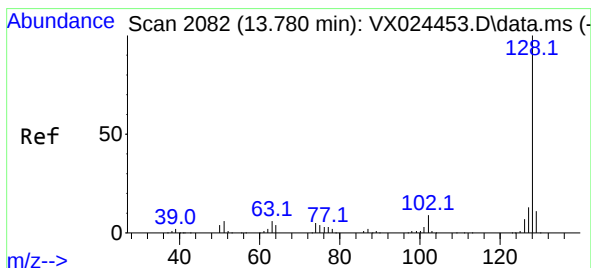
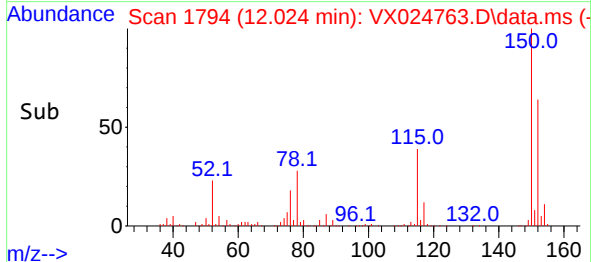
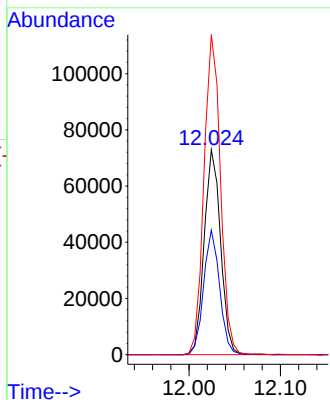
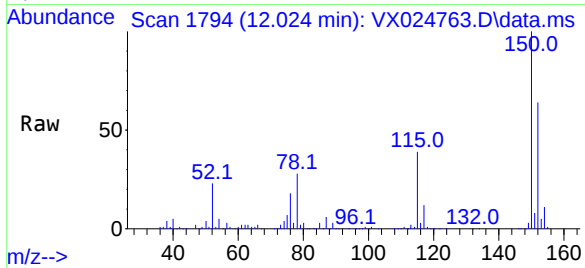




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024763.D
Acq: 12 Oct 2021 15:14

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

Tgt Ion:152 Resp: 90440
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 157.5 0.0 349.0



#95
Naphthalene
Concen: 0.561 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024763.D
Acq: 12 Oct 2021 15:14

Tgt Ion:128 Resp: 3543
Ion Ratio Lower Upper
128 100
127 14.4 10.3 15.5
129 11.5 8.8 13.2

