

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080921\
 Data File : VX023609.D
 Acq On : 09 Aug 2021 13:17
 Operator : JC/MD
 Sample : M3293-03ME
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20071

Quant Time: Aug 09 14:10:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

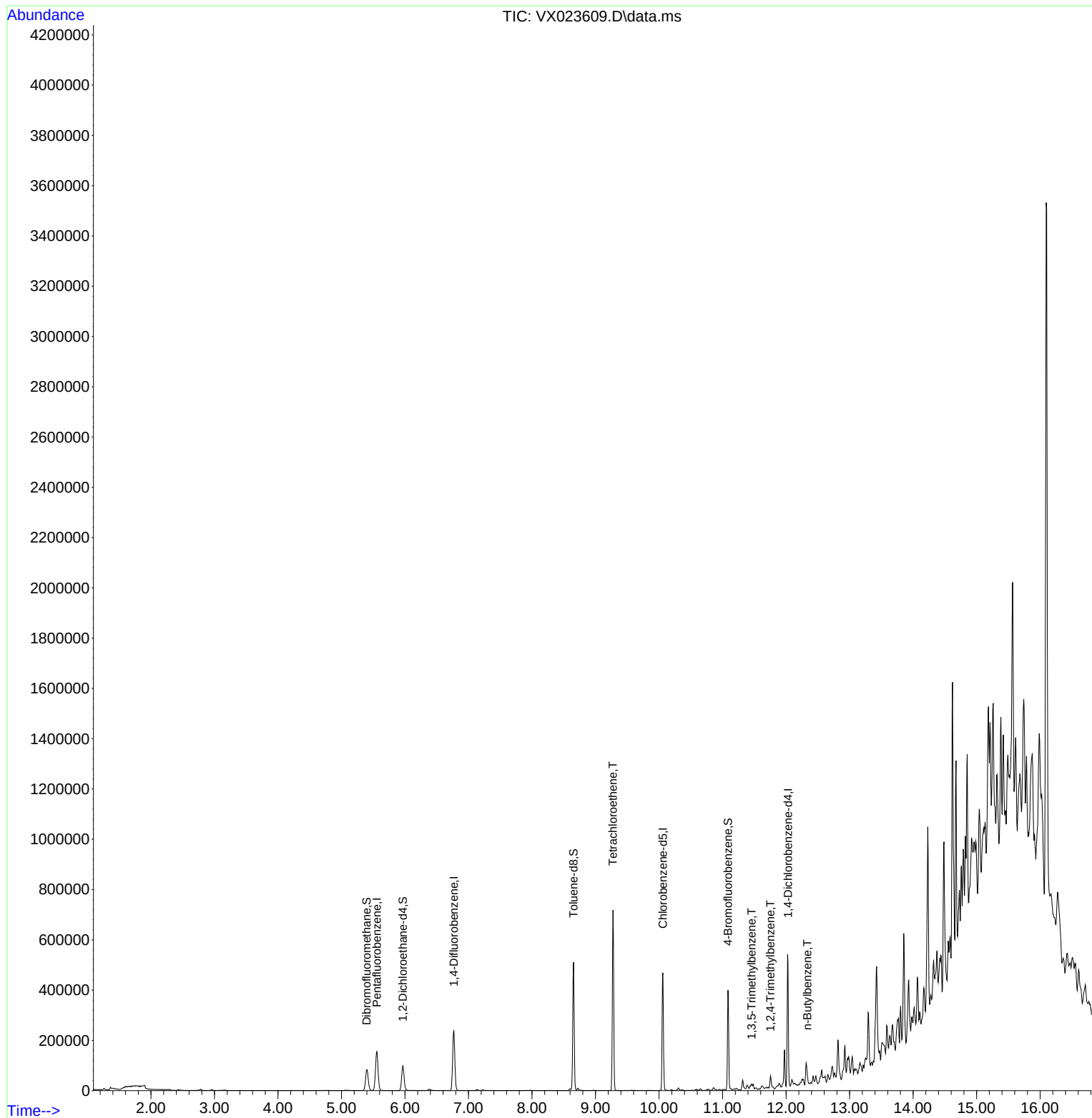
Internal Standards						
1) Pentafluorobenzene	5.556	168	145981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	244153	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	219583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	106513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97334	53.451	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.900%			
35) Dibromofluoromethane	5.397	113	73552	48.182	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.360%			
50) Toluene-d8	8.653	98	291858	52.038	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.080%			
62) 4-Bromofluorobenzene	11.085	95	103560	54.301	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.600%			
Target Compounds						
64) Tetrachloroethene	9.275	164	129994	74.384	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	6924	1.058	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	17601	2.703	ug/l	100
89) n-Butylbenzene	12.335	91	7776	1.278	ug/l #	42

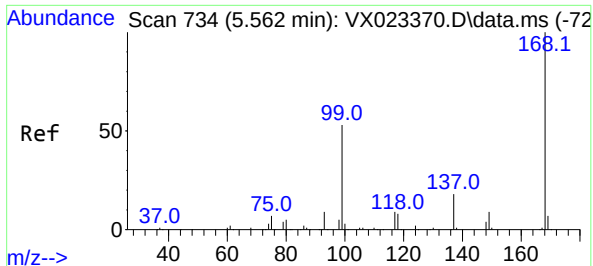
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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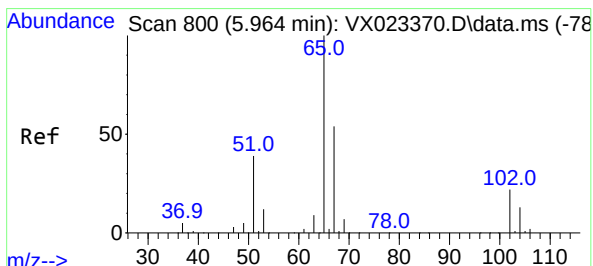
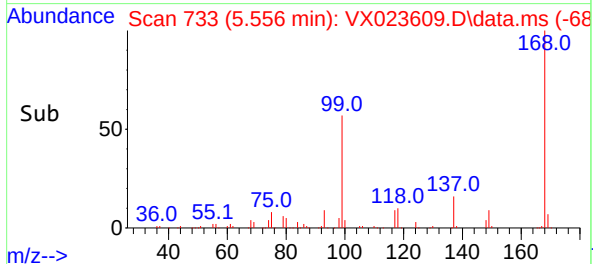
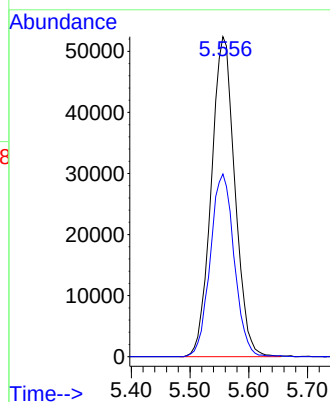
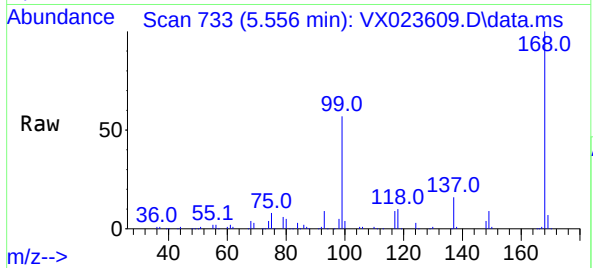




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX023609.D
Acq: 09 Aug 2021 13:17

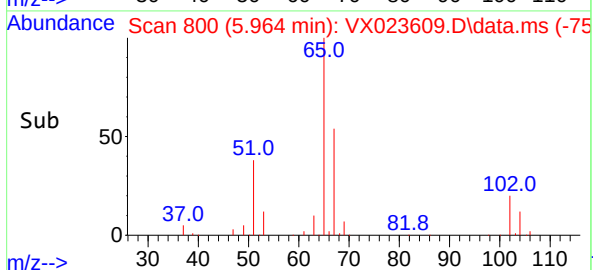
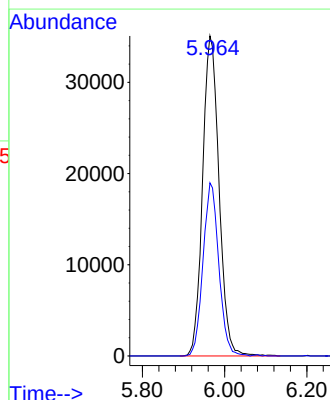
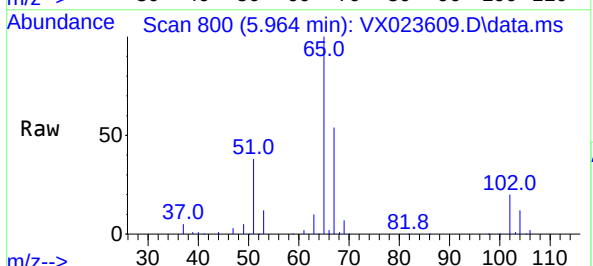
Instrument :
MSVOA_X
ClientSampled :
20071

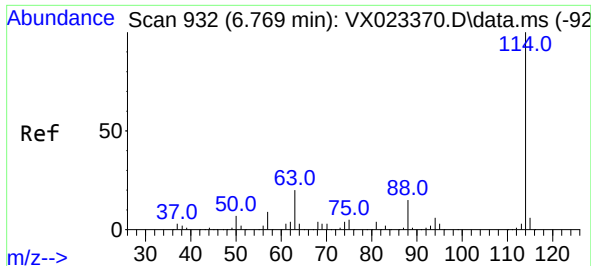
Tgt Ion:168 Resp: 145981
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 53.451 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023609.D
Acq: 09 Aug 2021 13:17

Tgt Ion: 65 Resp: 97334
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.4

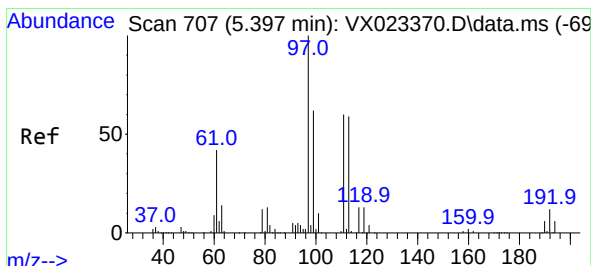
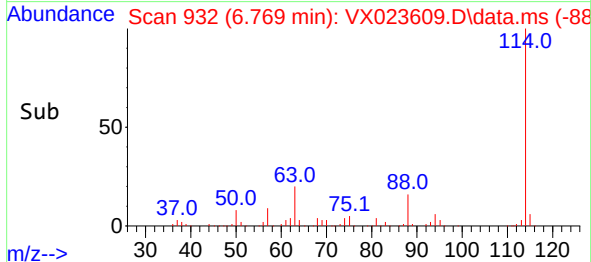
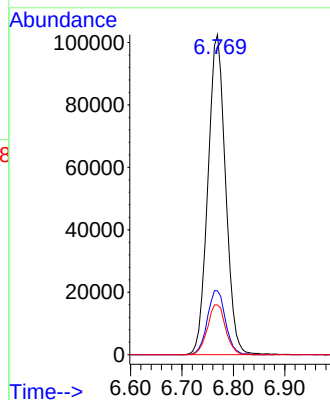
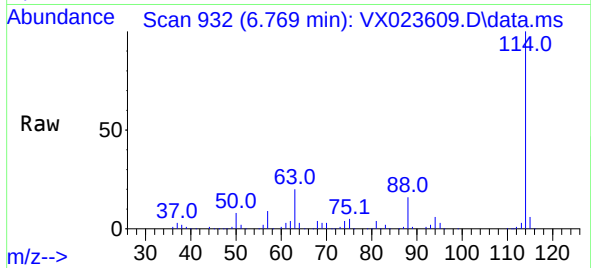




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023609.D
Acq: 09 Aug 2021 13:17

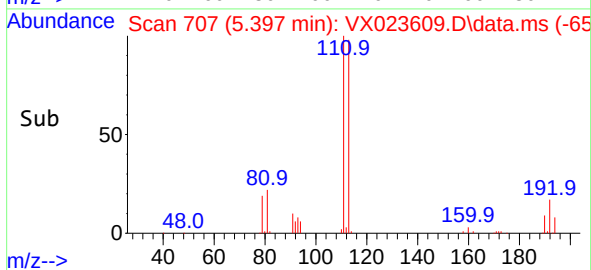
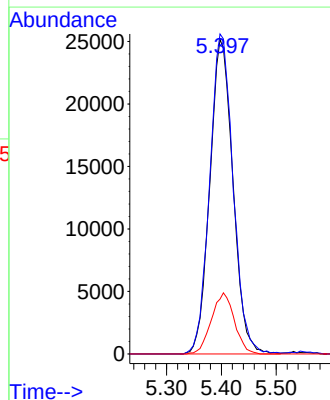
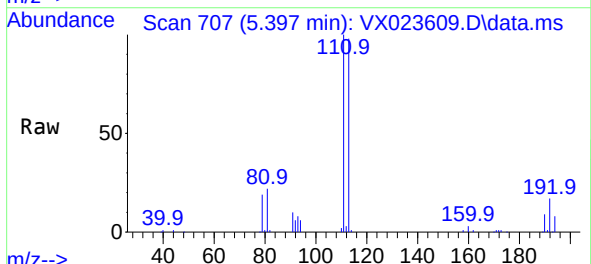
Instrument :
MSVOA_X
ClientSampled :
20071

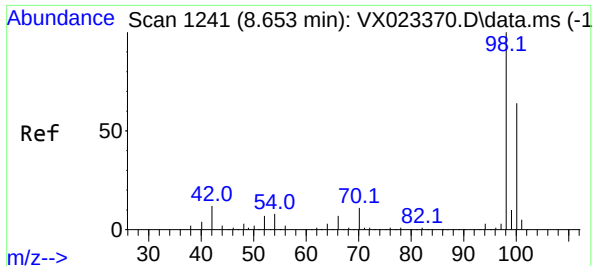
Tgt Ion:114 Resp: 244153
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.182 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023609.D
Acq: 09 Aug 2021 13:17

Tgt Ion:113 Resp: 73552
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 19.3 16.7 25.1

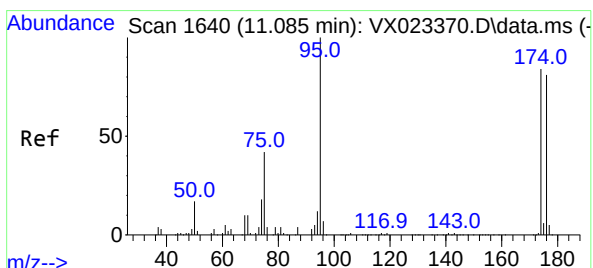
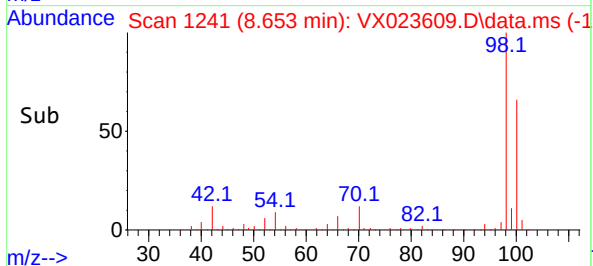
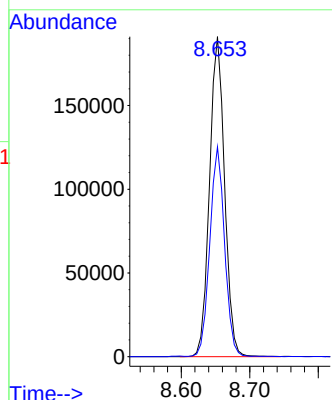
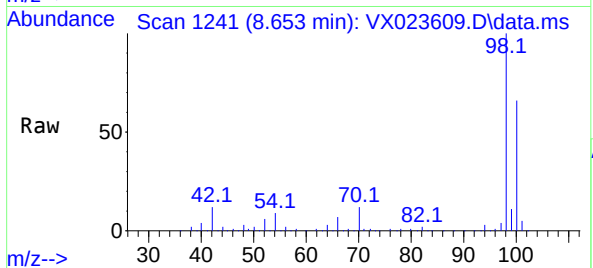




#50
Toluene-d8
Concen: 52.038 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023609.D
Acq: 09 Aug 2021 13:17

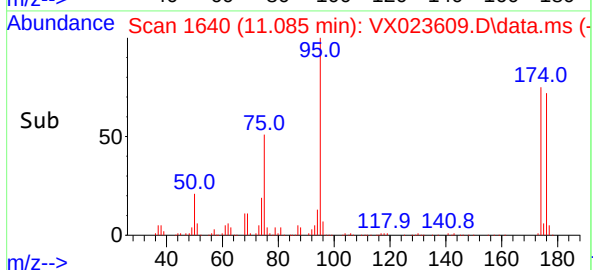
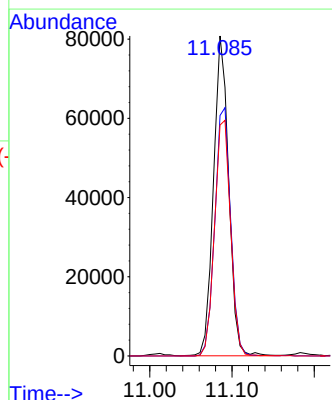
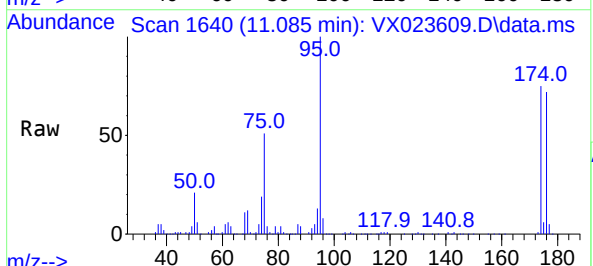
Instrument :
MSVOA_X
ClientSampled :
20071

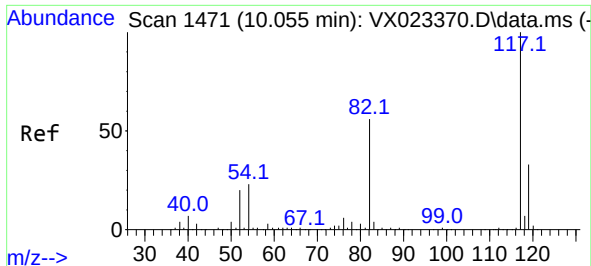
Tgt Ion: 98 Resp: 291858
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.301 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023609.D
Acq: 09 Aug 2021 13:17

Tgt Ion: 95 Resp: 103560
Ion Ratio Lower Upper
95 100
174 80.7 0.0 154.6
176 77.9 0.0 155.8

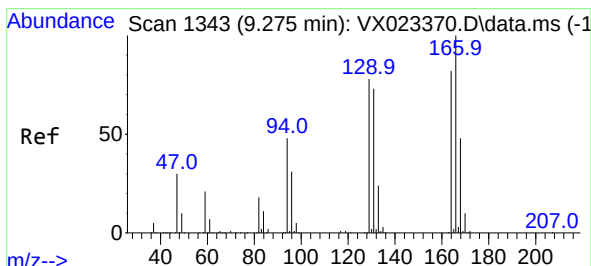
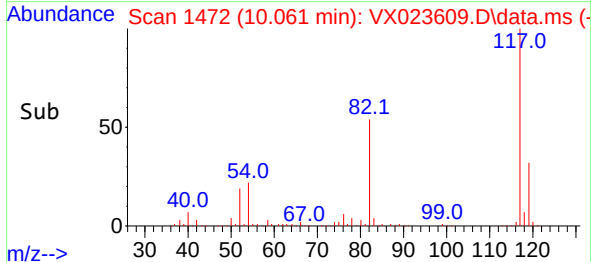
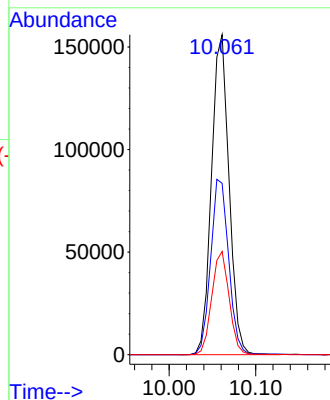
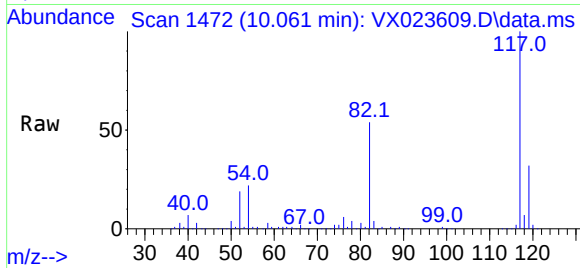




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023609.D
Acq: 09 Aug 2021 13:17

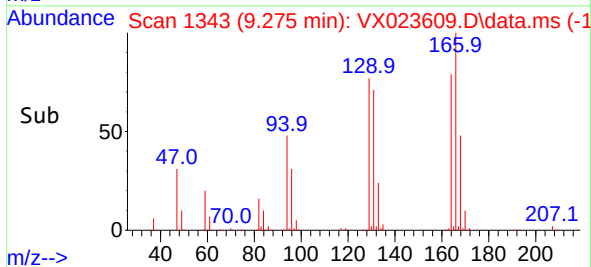
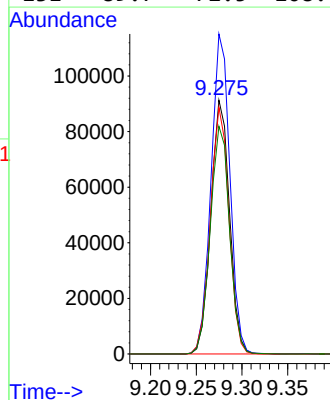
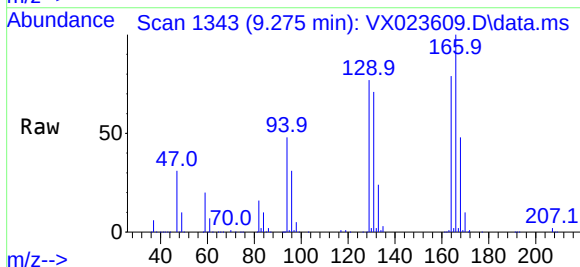
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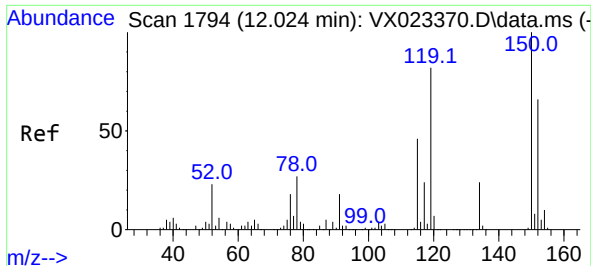
Tgt Ion:117 Resp: 219583
Ion Ratio Lower Upper
117 100
82 53.6 47.4 71.2
119 32.3 26.6 39.8



#64
Tetrachloroethene
Concen: 74.384 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023609.D
Acq: 09 Aug 2021 13:17

Tgt Ion:164 Resp: 129994
Ion Ratio Lower Upper
164 100
166 126.1 103.4 155.2
129 97.1 70.8 106.2
131 89.7 72.5 108.7

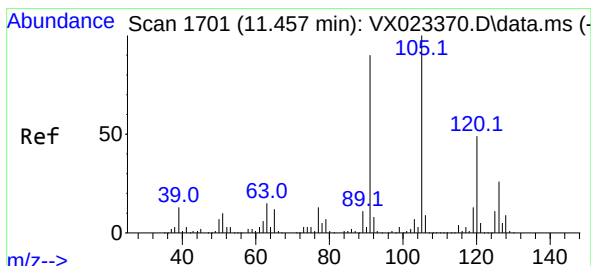
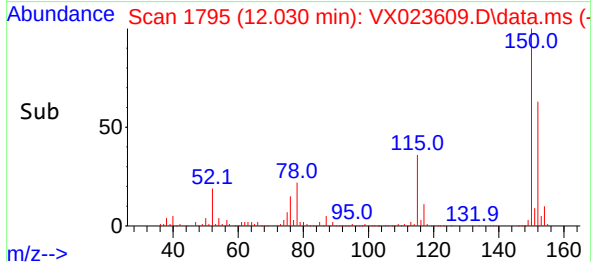
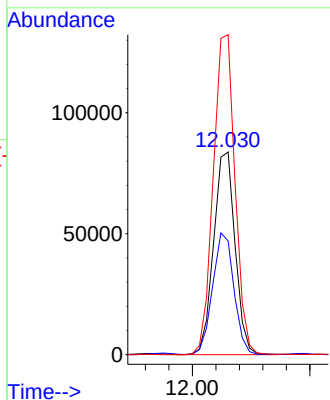
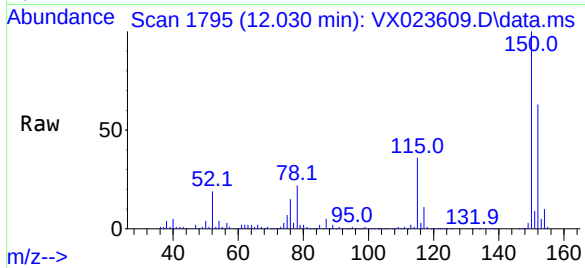




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.030 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VX023609.D
Acq: 09 Aug 2021 13:17

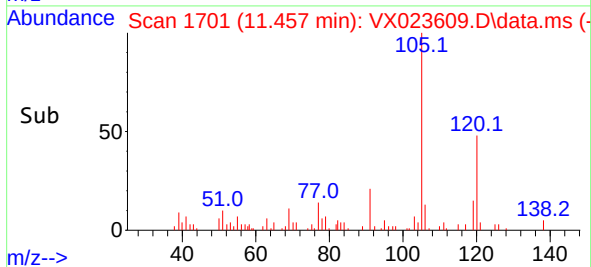
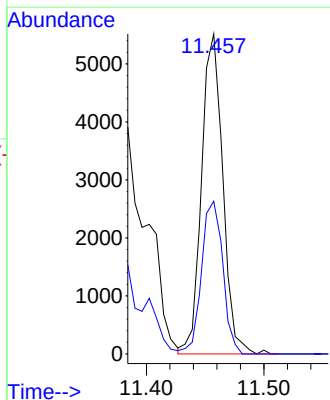
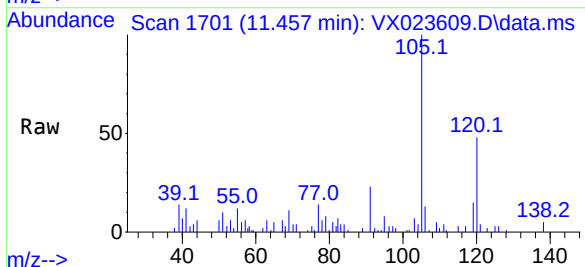
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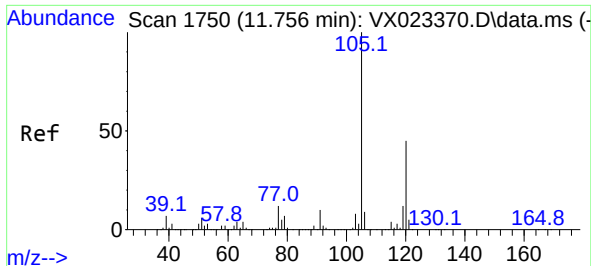
Tgt Ion:152 Resp: 106513
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 160.0 0.0 349.0



#80
1,3,5-Trimethylbenzene
Concen: 1.058 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023609.D
Acq: 09 Aug 2021 13:17

Tgt Ion:105 Resp: 6924
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.5

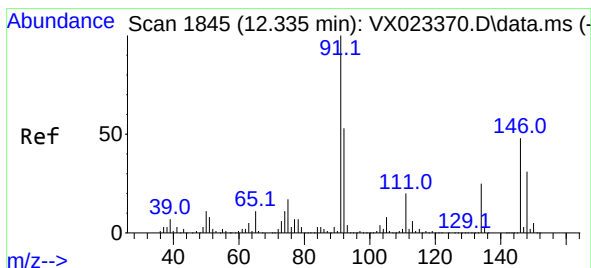
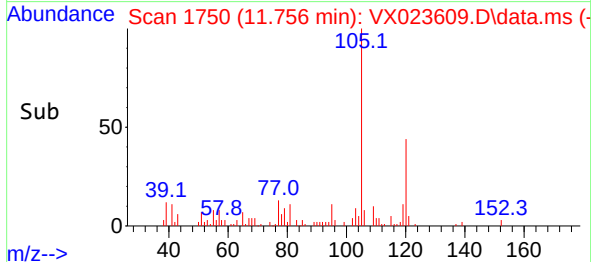
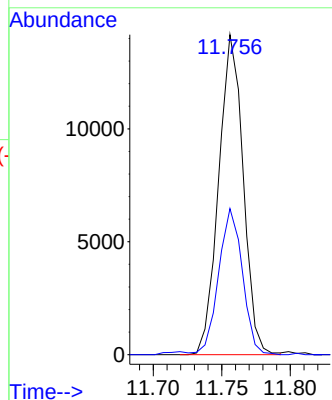
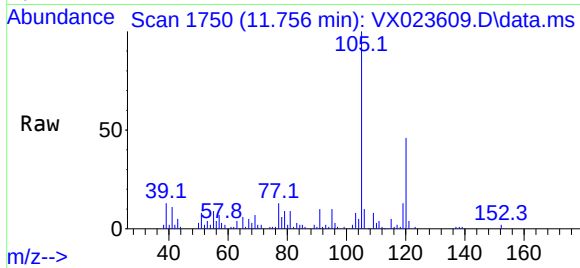




#84
1,2,4-Trimethylbenzene
Concen: 2.703 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX023609.D
Acq: 09 Aug 2021 13:17

Instrument :
MSVOA_X
ClientSampled :
20071

Tgt Ion:105 Resp: 17601
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.3



#89
n-Butylbenzene
Concen: 1.278 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX023609.D
Acq: 09 Aug 2021 13:17

Tgt Ion: 91 Resp: 7776
Ion Ratio Lower Upper
91 100
92 33.0 27.4 82.0
134 86.5 13.2 39.5#

