

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024468.D
 Acq On : 23 Sep 2021 22:46
 Operator : JC/MD
 Sample : M3833-08DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20210920DL

Quant Time: Sep 24 07:40:35 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)

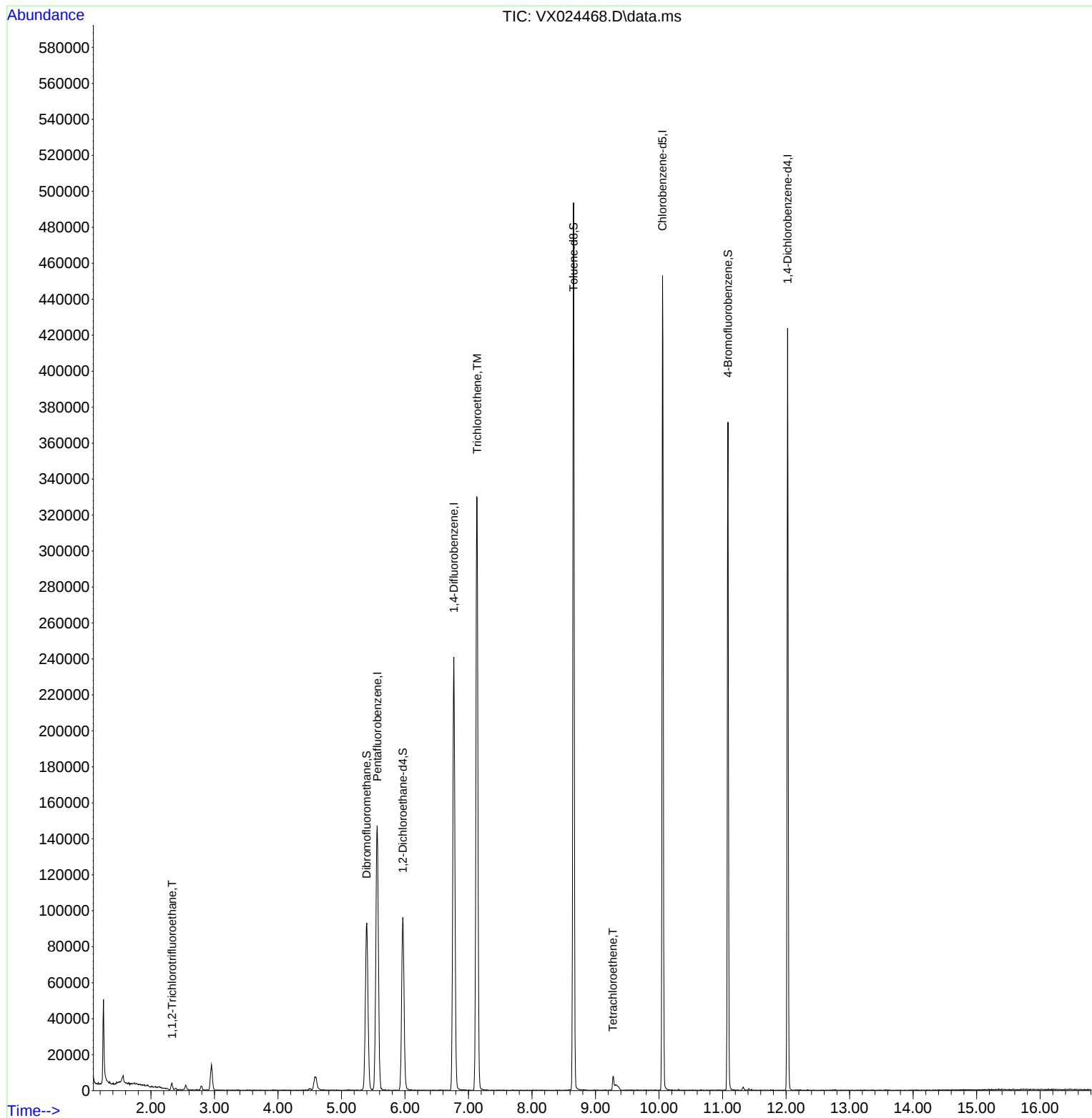
Internal Standards						
1) Pentafluorobenzene	5.562	168	137434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	240438	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97213	50.188	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.380%	
35) Dibromofluoromethane	5.397	113	80941	50.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.340%	
50) Toluene-d8	8.653	98	279413	47.528	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.060%	
62) 4-Bromofluorobenzene	11.085	95	91055	39.393	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 78.780%#	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	1206	0.889	ug/l	92
44) Trichloroethene	7.135	130	128699	70.969	ug/l	100
64) Tetrachloroethene	9.275	164	1384	1.013	ug/l	86

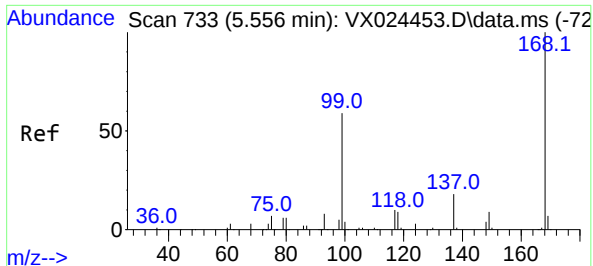
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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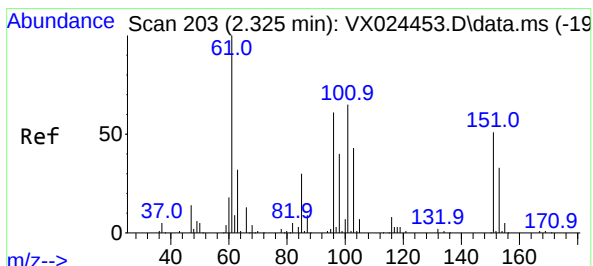
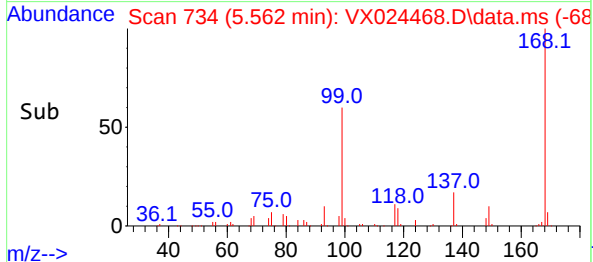
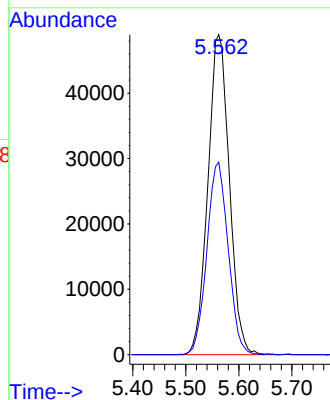
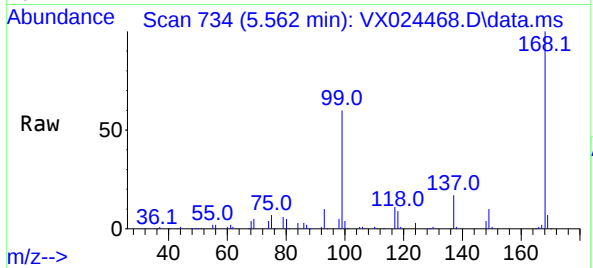




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024468.D
Acq: 23 Sep 2021 22:46

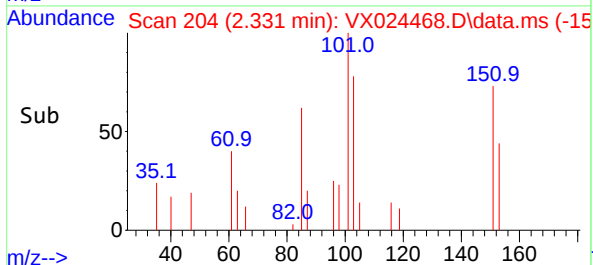
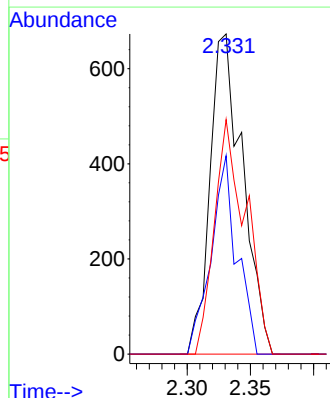
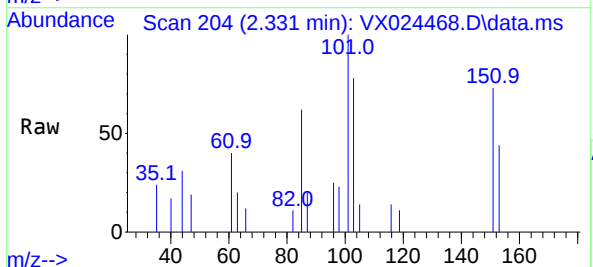
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20210920DL

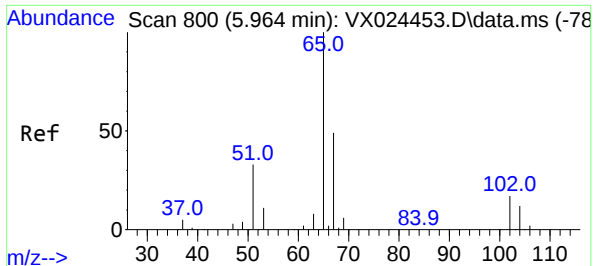
Tgt Ion:168 Resp: 137434
Ion Ratio Lower Upper
168 100
99 60.2 45.8 68.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.889 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX024468.D
Acq: 23 Sep 2021 22:46

Tgt Ion:101 Resp: 1206
Ion Ratio Lower Upper
101 100
85 49.3 34.9 52.3
151 70.6 61.4 92.2



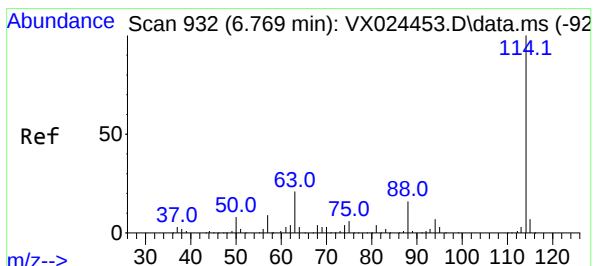
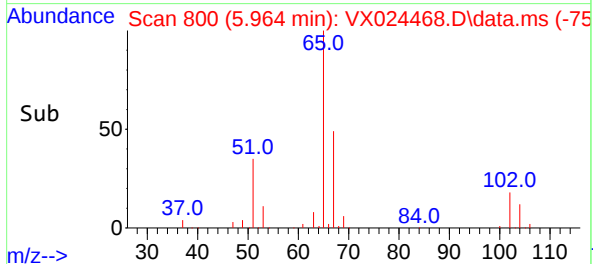
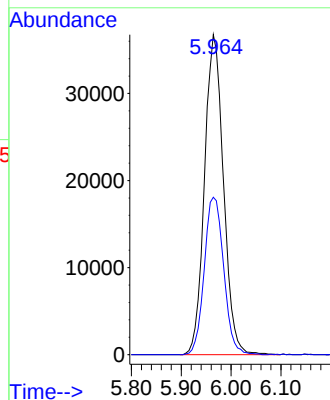
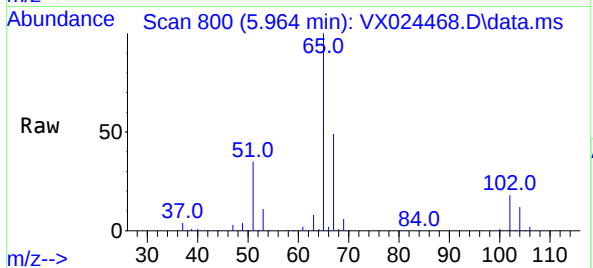


#33

1,2-Dichloroethane-d4
Concen: 50.188 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024468.D
Acq: 23 Sep 2021 22:46

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20210920DL

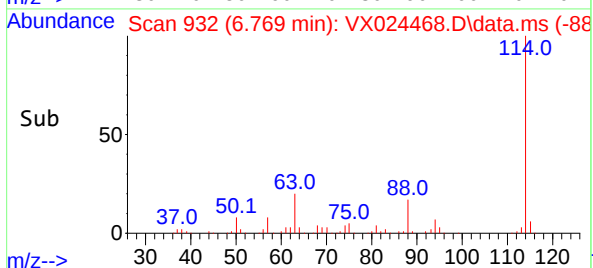
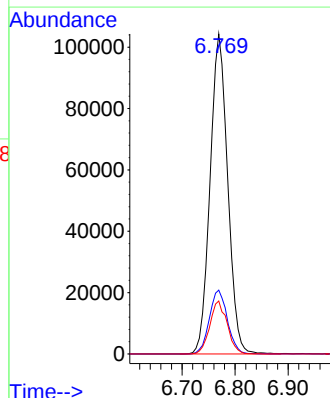
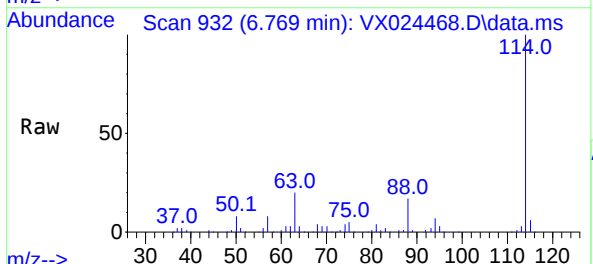
Tgt Ion: 65 Resp: 97213
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

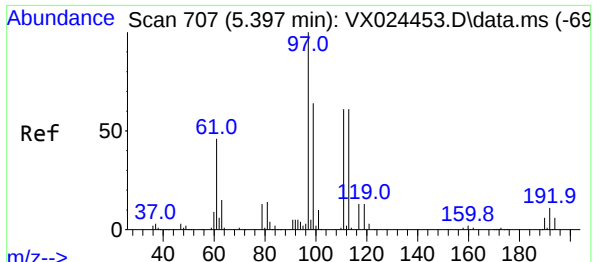


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024468.D
Acq: 23 Sep 2021 22:46

Tgt Ion: 114 Resp: 240438
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 16.6 0.0 32.8

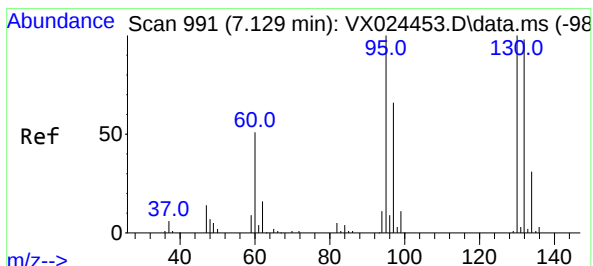
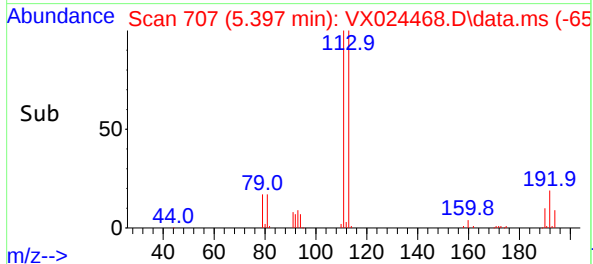
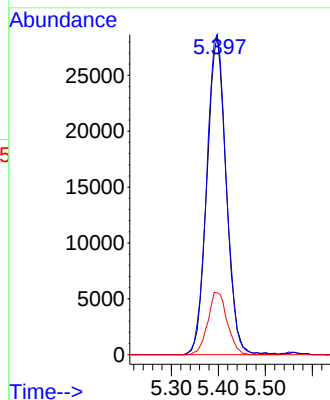
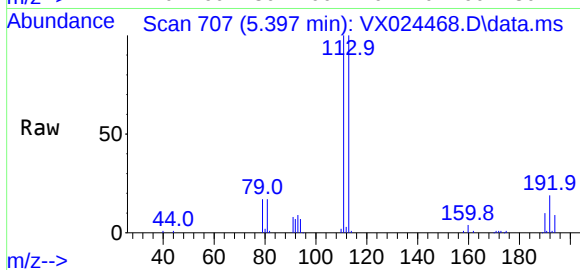




#35
Dibromofluoromethane
Concen: 50.674 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024468.D
Acq: 23 Sep 2021 22:46

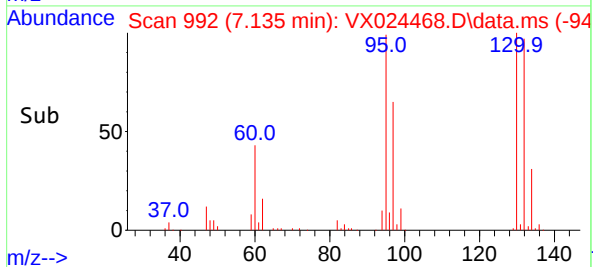
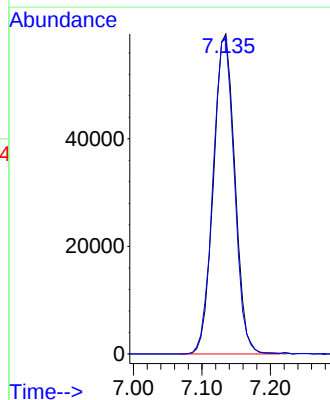
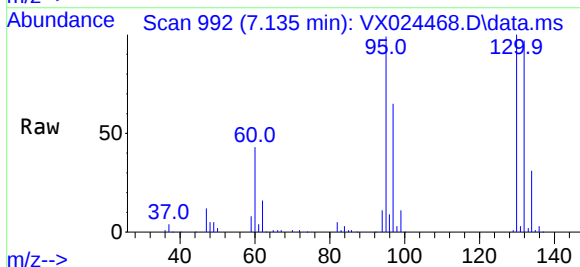
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20210920DL

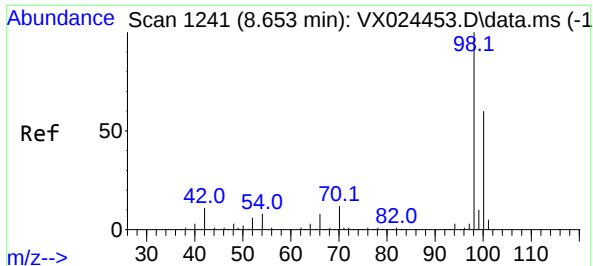
Tgt Ion:113 Resp: 80941
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 19.7 16.7 25.1



#44
Trichloroethene
Concen: 70.969 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX024468.D
Acq: 23 Sep 2021 22:46

Tgt Ion:130 Resp: 128699
Ion Ratio Lower Upper
130 100
95 99.3 0.0 198.0

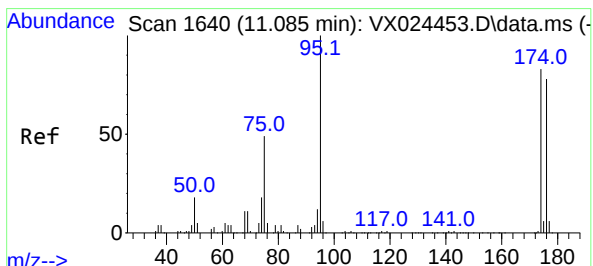
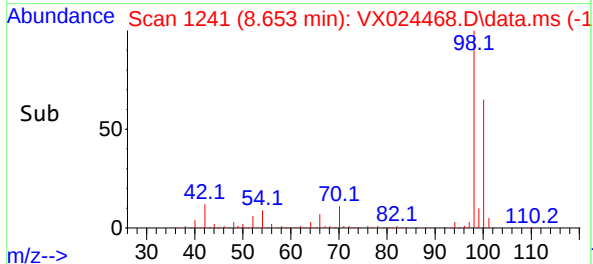
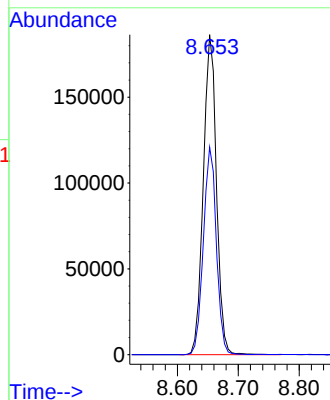
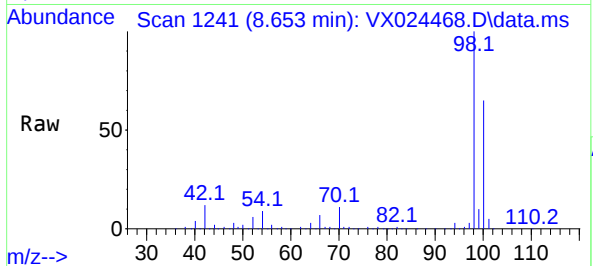




#50
Toluene-d8
Concen: 47.528 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024468.D
Acq: 23 Sep 2021 22:46

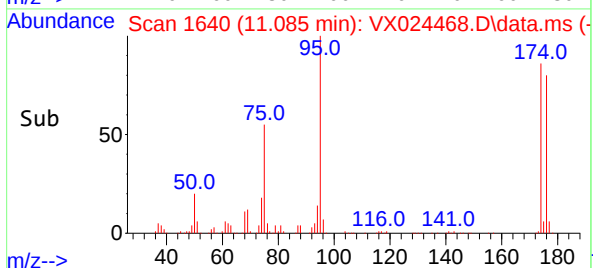
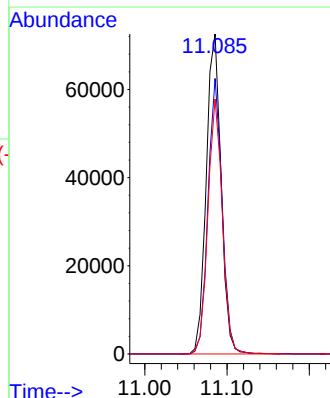
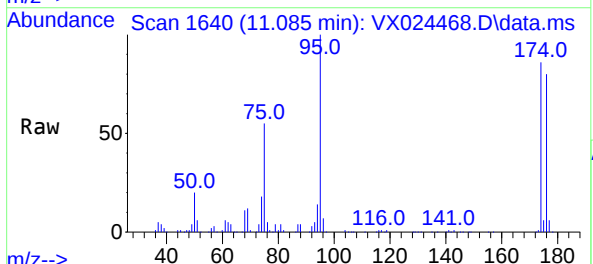
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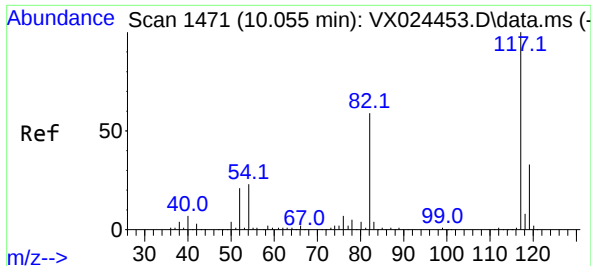
Tgt Ion: 98 Resp: 279413
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.393 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024468.D
Acq: 23 Sep 2021 22:46

Tgt Ion: 95 Resp: 91055
Ion Ratio Lower Upper
95 100
174 82.4 0.0 154.6
176 77.2 0.0 155.8

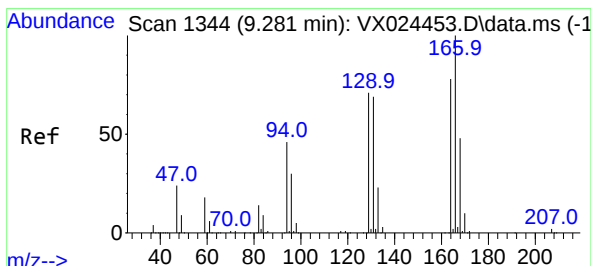
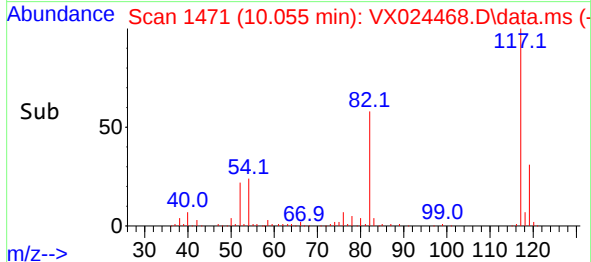
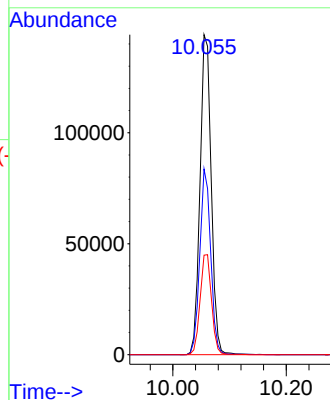
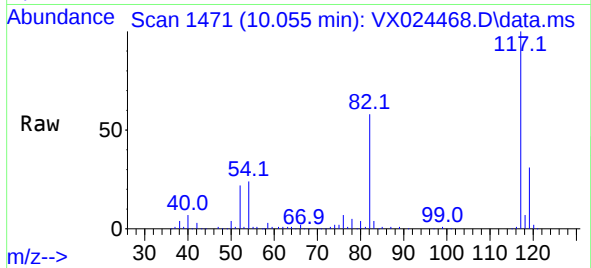




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024468.D
Acq: 23 Sep 2021 22:46

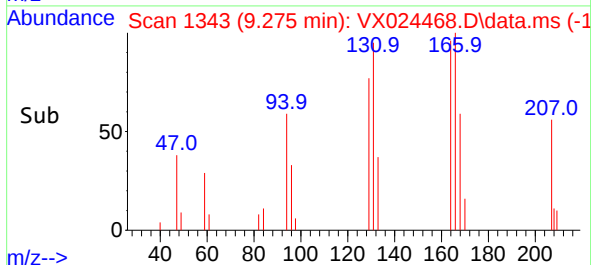
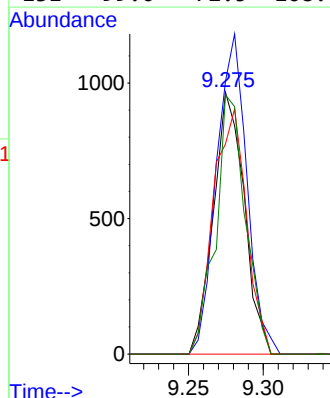
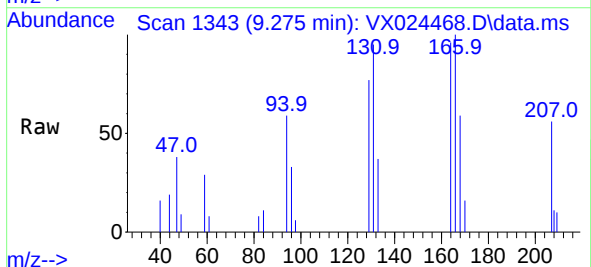
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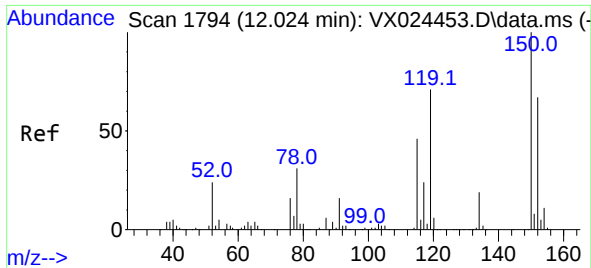
Tgt Ion:117 Resp: 197447
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 31.1 26.6 39.8



#64
Tetrachloroethene
Concen: 1.013 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX024468.D
Acq: 23 Sep 2021 22:46

Tgt Ion:164 Resp: 1384
Ion Ratio Lower Upper
164 100
166 104.1 103.4 155.2
129 80.2 70.8 106.2
131 99.0 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: VX024468.D
 Acq: 23 Sep 2021 22:46

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20210920DL

Tgt Ion:152 Resp: 84493
 Ion Ratio Lower Upper
 152 100
 115 60.4 41.1 123.3
 150 154.6 0.0 349.0

