

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044920.D
 Acq On : 28 Sep 2021 04:38
 Operator : SY/MD
 Sample : M3915-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE109D3-20210922

Quant Time: Sep 28 06:32:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

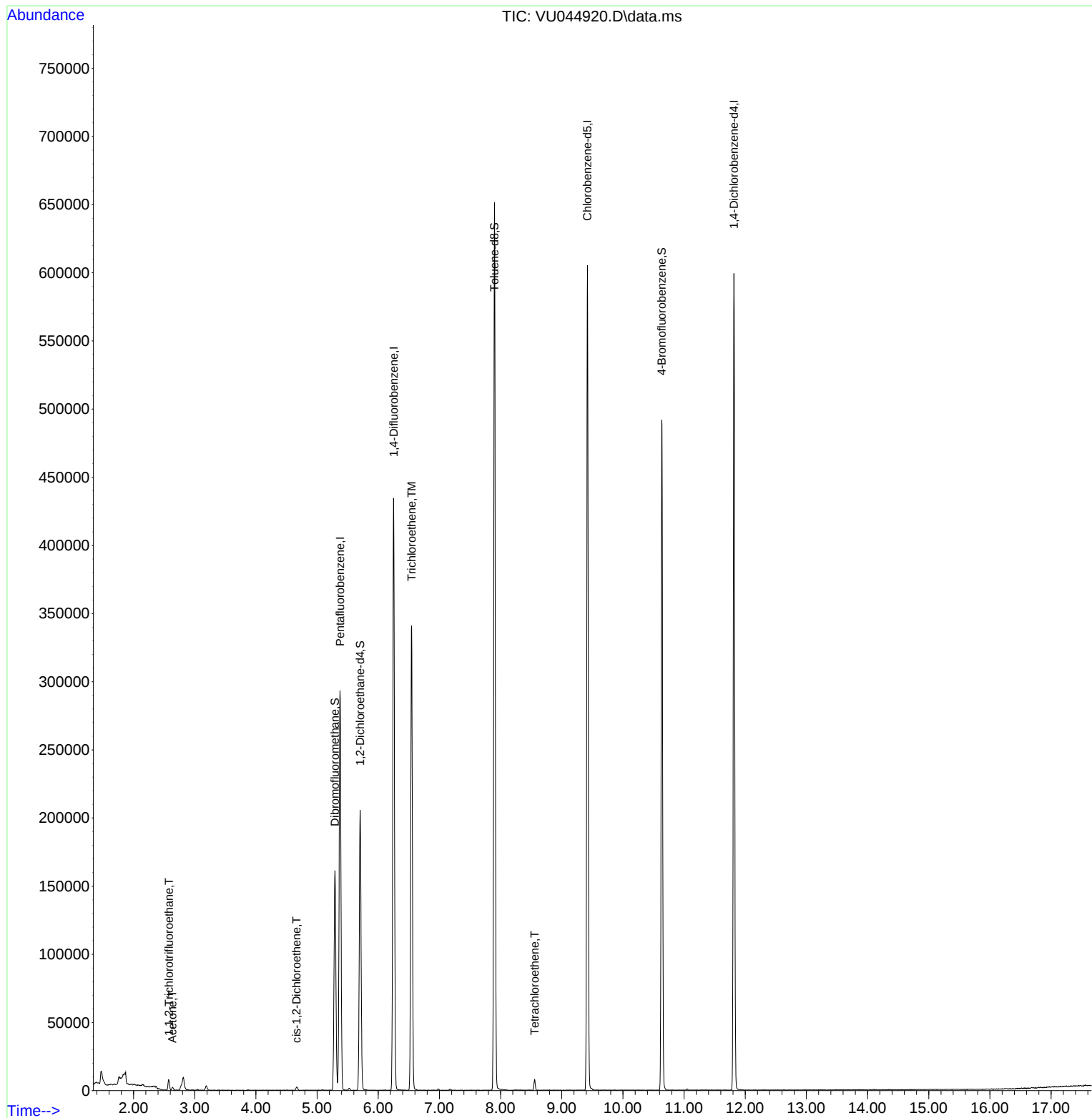
Internal Standards						
1) Pentafluorobenzene	5.375	168	190810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	335034	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	309901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	145084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	152031	45.653	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.300%	
35) Dibromofluoromethane	5.292	113	101690	44.244	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.480%	
50) Toluene-d8	7.899	98	418236	48.181	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.360%	
62) 4-Bromofluorobenzene	10.635	95	160905	49.907	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.820%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.578	101	2802	1.207	ug/l	98
16) Acetone	2.636	43	2032	1.082	ug/l	100
27) cis-1,2-Dichloroethene	4.665	96	1287	0.430	ug/l	85
44) Trichloroethene	6.546	130	108571	41.682	ug/l	99
64) Tetrachloroethene	8.555	164	1720	0.819	ug/l #	82

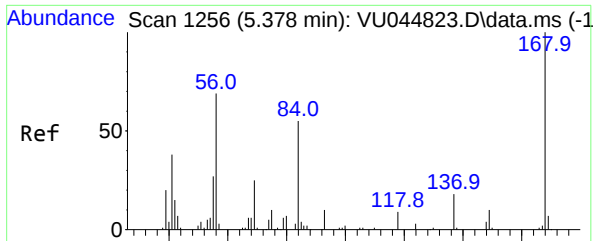
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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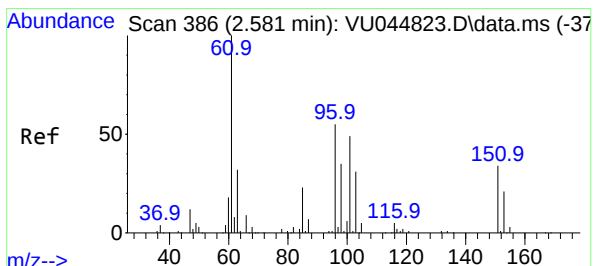
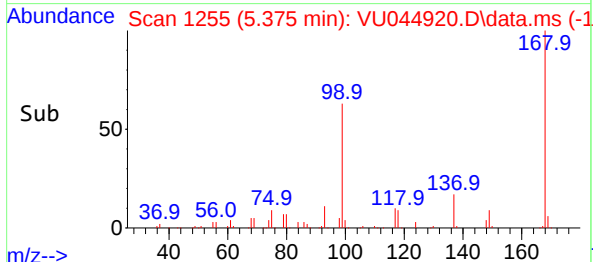
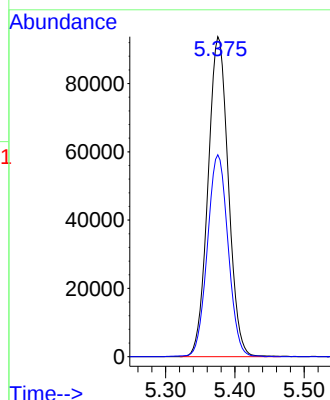
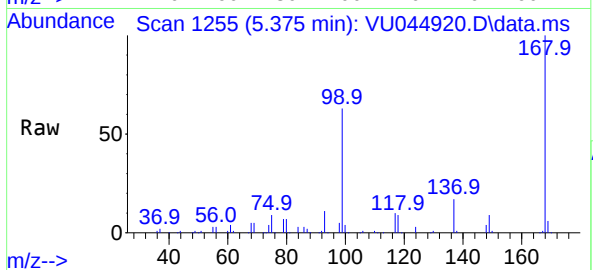




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VU044920.D
Acq: 28 Sep 2021 04:38

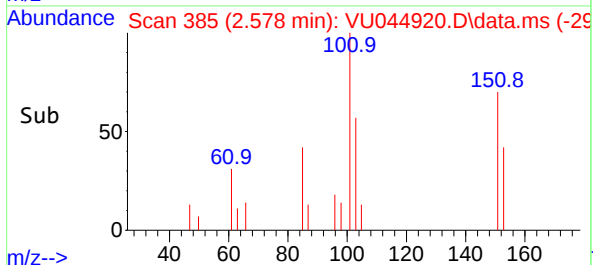
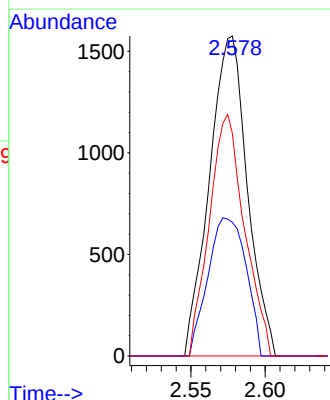
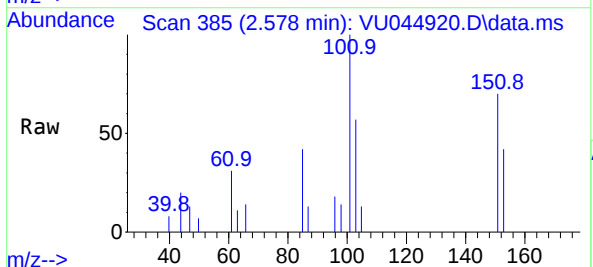
Instrument :
MSVOA_U
ClientSampleId :
RE109D3-20210922

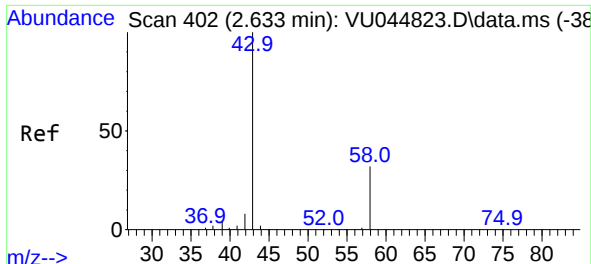
Tgt Ion:168 Resp: 190810
Ion Ratio Lower Upper
168 100
99 63.1 51.4 77.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.207 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU044920.D
Acq: 28 Sep 2021 04:38

Tgt Ion:101 Resp: 2802
Ion Ratio Lower Upper
101 100
85 43.3 37.2 55.8
151 70.1 55.8 83.8

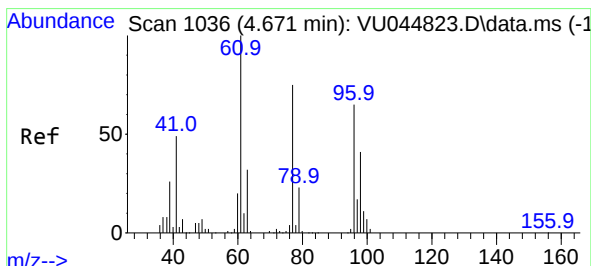
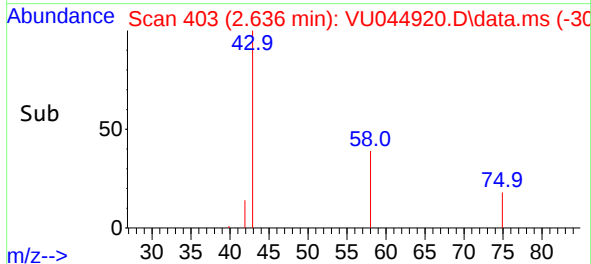
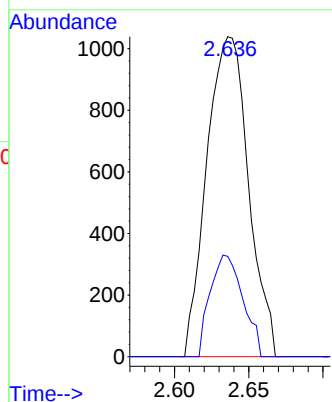
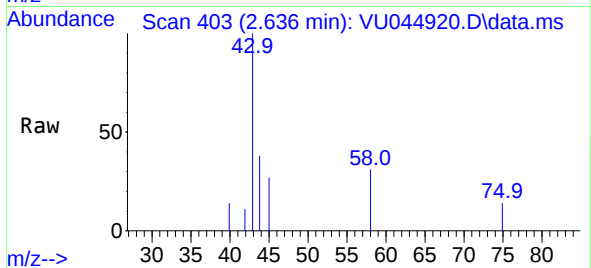




#16
Acetone
Concen: 1.082 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.003 min
Lab File: VU044920.D
Acq: 28 Sep 2021 04:38

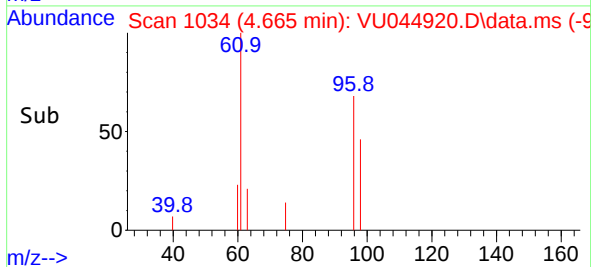
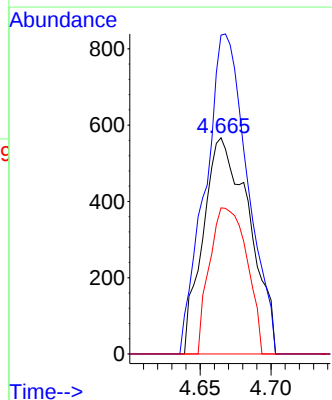
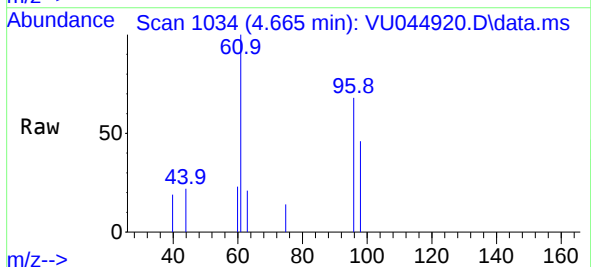
Instrument :
MSVOA_U
ClientSampleId :
RE109D3-20210922

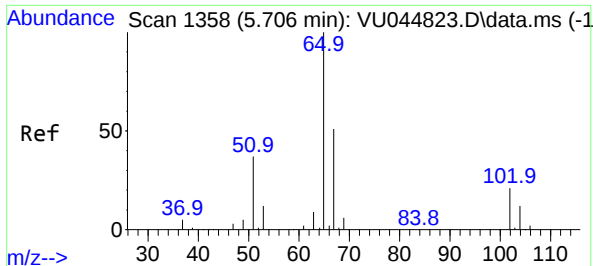
Tgt Ion: 43 Resp: 2032
Ion Ratio Lower Upper
43 100
58 31.4 25.2 37.8



#27
cis-1,2-Dichloroethene
Concen: 0.430 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VU044920.D
Acq: 28 Sep 2021 04:38

Tgt Ion: 96 Resp: 1287
Ion Ratio Lower Upper
96 100
61 135.5 0.0 313.4
98 54.3 0.0 127.0



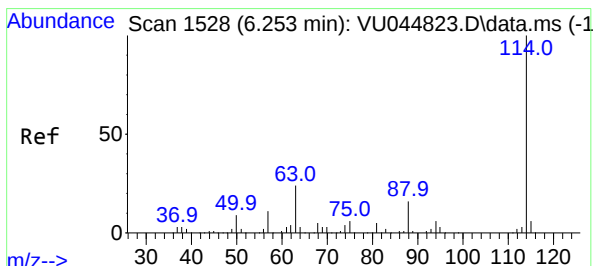
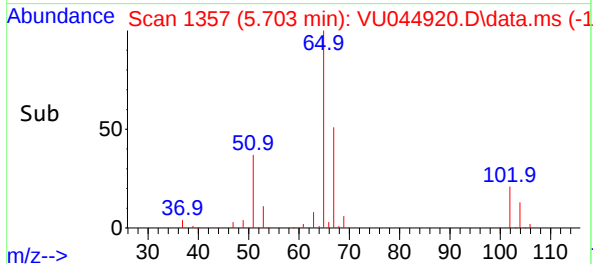
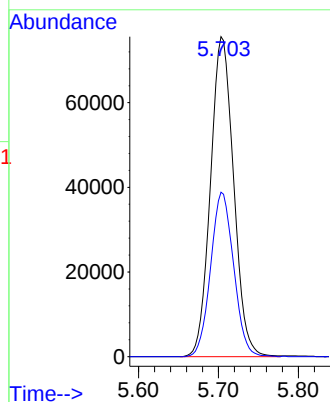
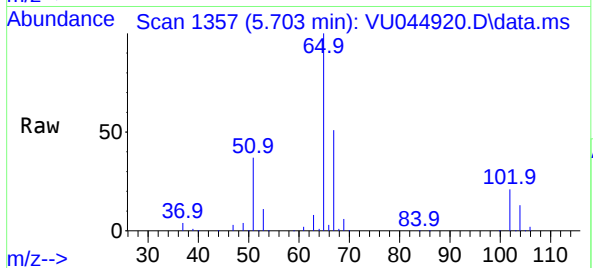


#33

1,2-Dichloroethane-d4
Concen: 45.653 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU044920.D
Acq: 28 Sep 2021 04:38

Instrument :
MSVOA_U
ClientSampleId :
RE109D3-20210922

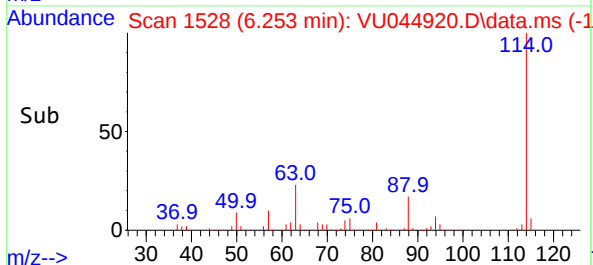
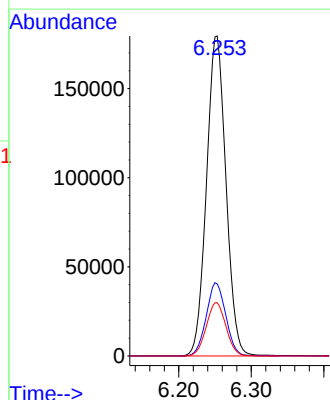
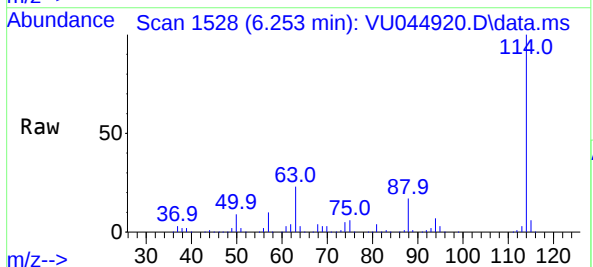
Tgt Ion: 65 Resp: 152031
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.8

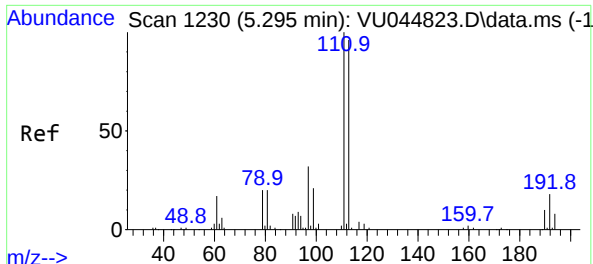


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU044920.D
Acq: 28 Sep 2021 04:38

Tgt Ion: 114 Resp: 335034
Ion Ratio Lower Upper
114 100
63 22.5 0.0 47.8
88 16.7 0.0 32.8

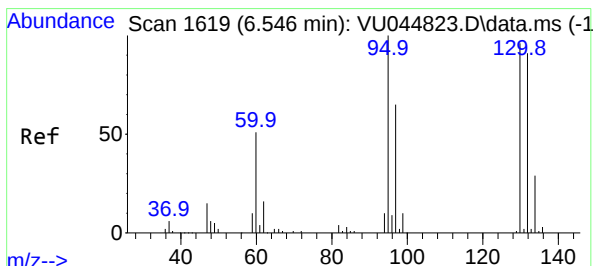
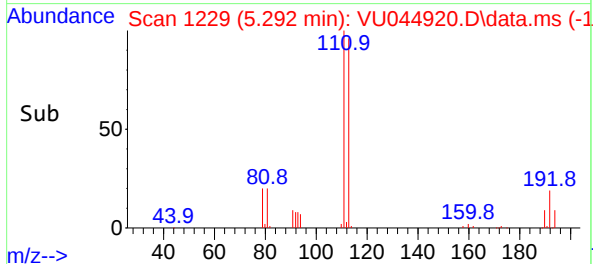
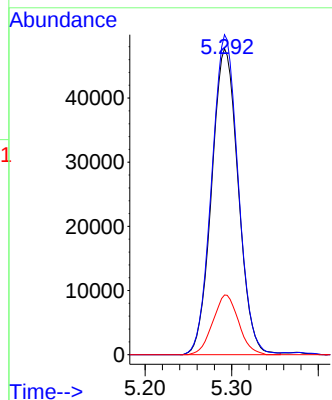
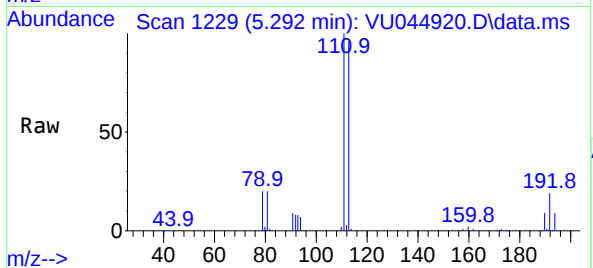




#35
Dibromofluoromethane
Concen: 44.244 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.003 min
Lab File: VU044920.D
Acq: 28 Sep 2021 04:38

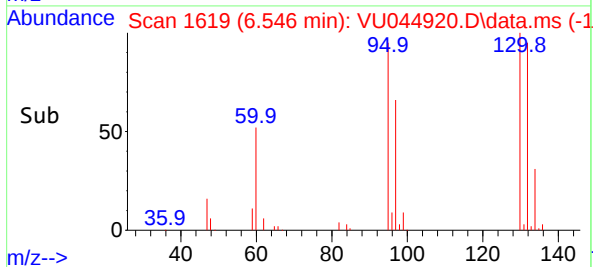
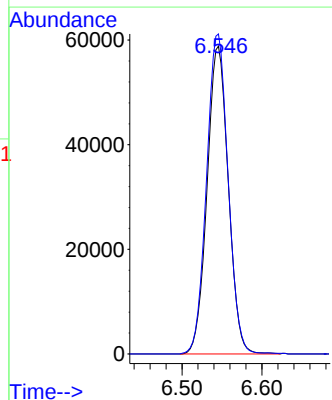
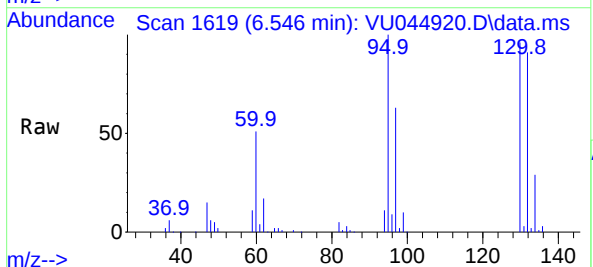
Instrument :
MSVOA_U
ClientSampleId :
RE109D3-20210922

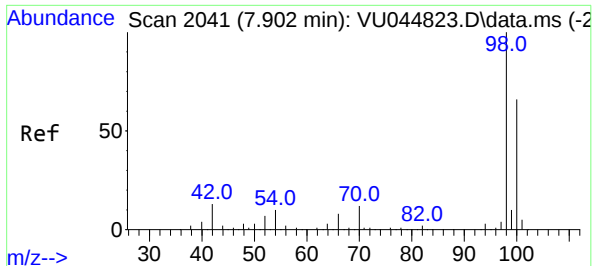
Tgt Ion:113 Resp: 101690
Ion Ratio Lower Upper
113 100
111 103.9 84.1 126.1
192 18.9 14.8 22.2



#44
Trichloroethene
Concen: 41.682 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044920.D
Acq: 28 Sep 2021 04:38

Tgt Ion:130 Resp: 108571
Ion Ratio Lower Upper
130 100
95 103.9 0.0 209.0



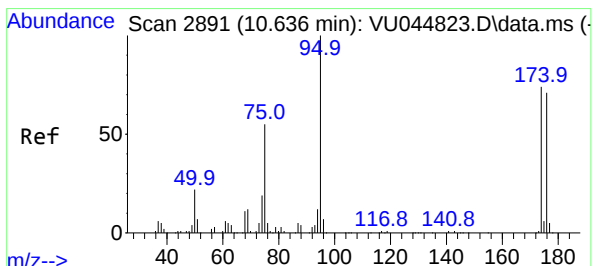
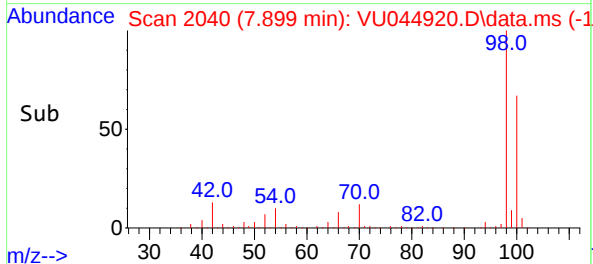
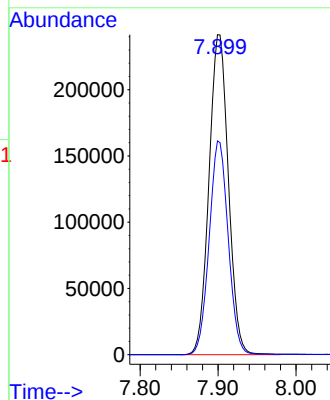
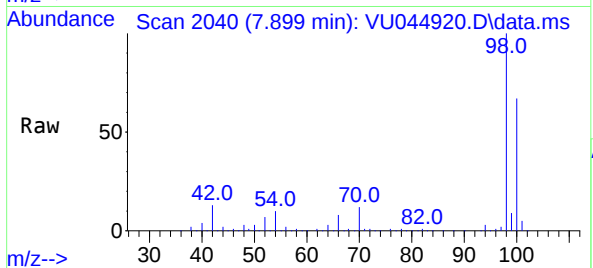


#50

Toluene-d8
Concen: 48.181 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU044920.D
Acq: 28 Sep 2021 04:38

Instrument :
MSVOA_U
ClientSampleId :
RE109D3-20210922

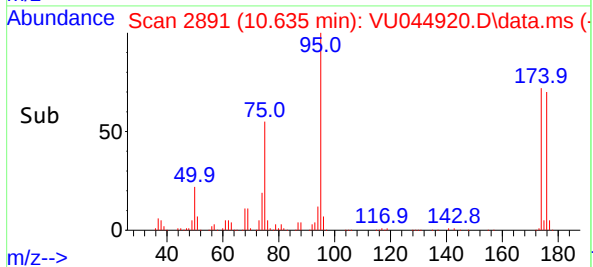
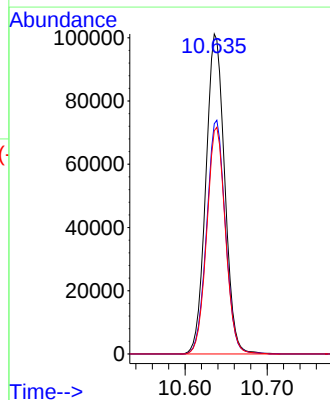
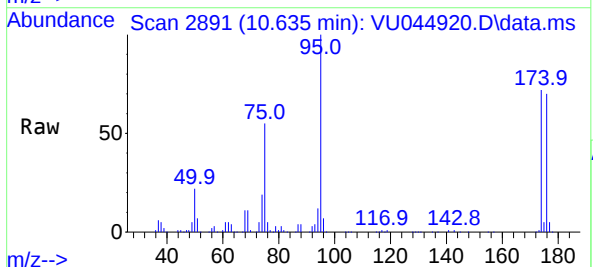
Tgt Ion: 98 Resp: 418236
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

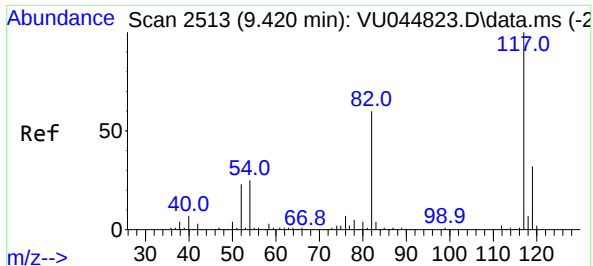


#62

4-Bromofluorobenzene
Concen: 49.907 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU044920.D
Acq: 28 Sep 2021 04:38

Tgt Ion: 95 Resp: 160905
Ion Ratio Lower Upper
95 100
174 72.6 0.0 146.6
176 70.1 0.0 141.2



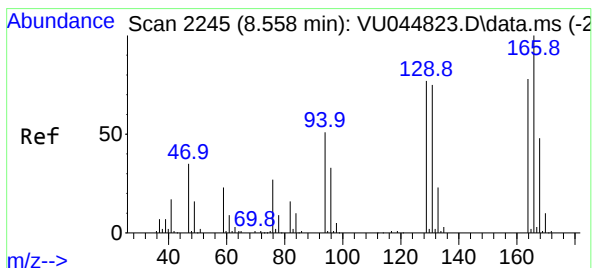
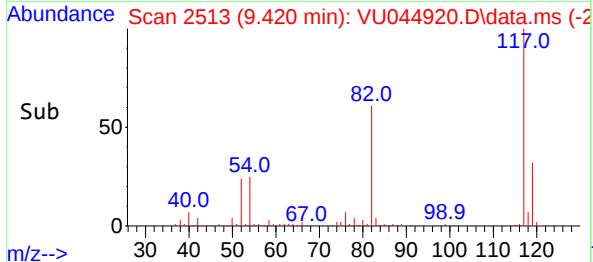
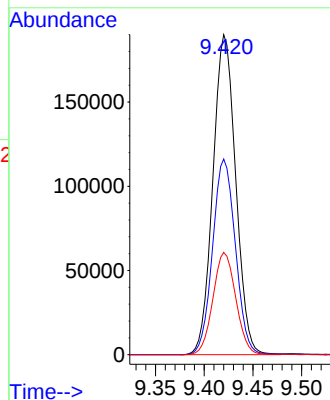
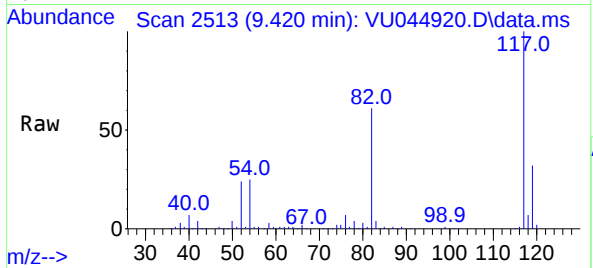


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU044920.D
Acq: 28 Sep 2021 04:38

Instrument :
MSVOA_U
ClientSampleId :
RE109D3-20210922

Tgt Ion:117 Resp: 309901

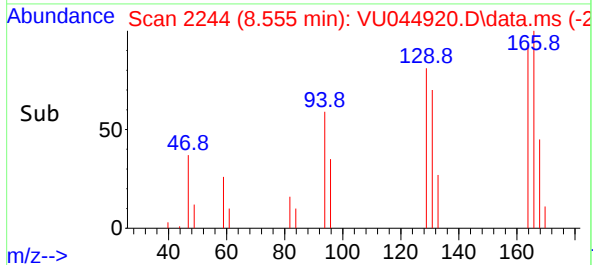
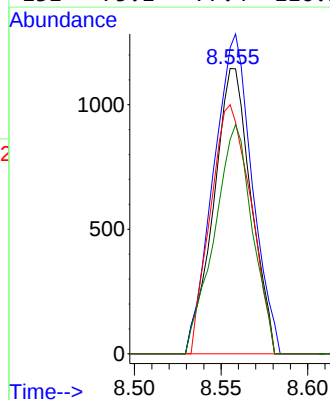
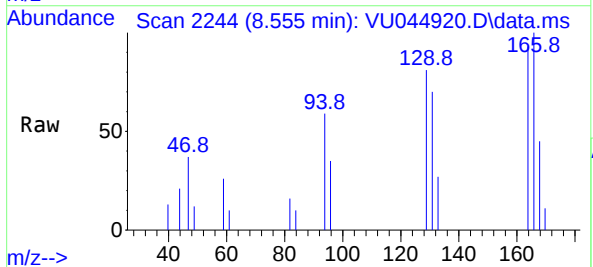
Ion	Ratio	Lower	Upper
117	100		
82	61.2	47.8	71.8
119	32.0	25.8	38.6

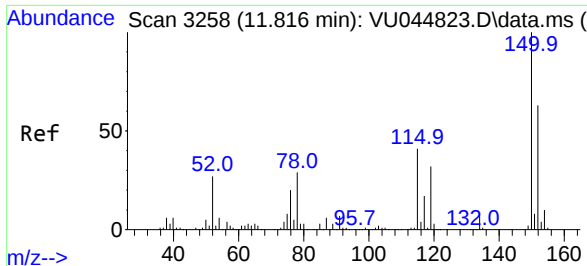


#64
Tetrachloroethene
Concen: 0.819 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU044920.D
Acq: 28 Sep 2021 04:38

Tgt Ion:164 Resp: 1720

Ion	Ratio	Lower	Upper
164	100		
166	107.3	102.8	154.2
129	87.3	79.4	119.2
131	75.1	77.4	116.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 3258
 Delta R.T. -0.000 min
 Lab File: VU044920.D
 Acq: 28 Sep 2021 04:38

Instrument :
 MSVOA_U
 ClientSampleId :
 RE109D3-20210922

Tgt Ion:152 Resp: 145084
 Ion Ratio Lower Upper
 152 100
 115 61.4 43.5 130.7
 150 157.6 0.0 350.0

