

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102621\
 Data File : VN069169.D
 Acq On : 25 Oct 2021 22:46
 Operator : JC/MD
 Sample : M4284-15RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30848RE

Quant Time: Oct 26 01:37:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

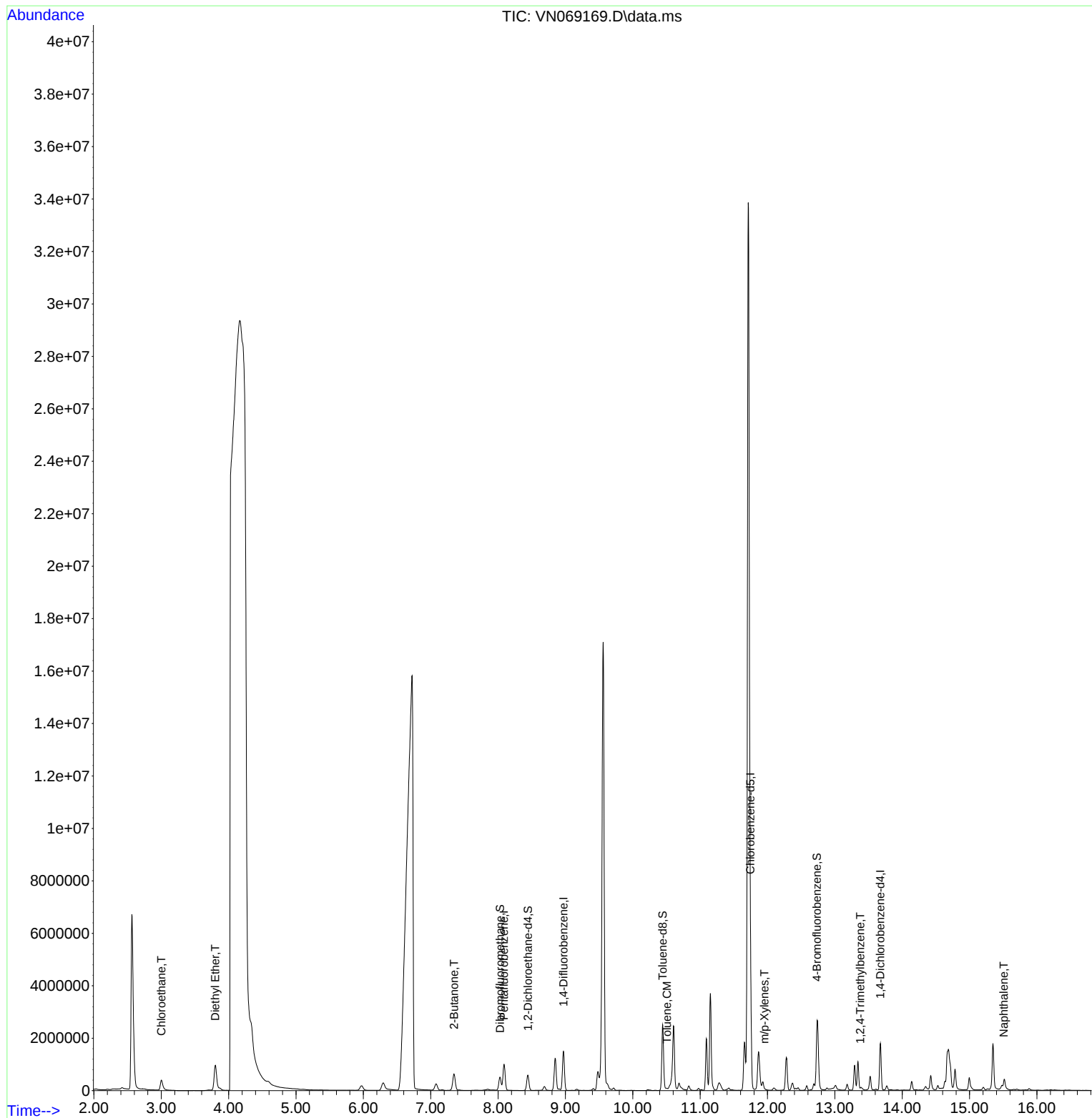
Internal Standards						
1) Pentafluorobenzene	8.088	168	768815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1350034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1195449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	484866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	497970	49.126	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.260%
35) Dibromofluoromethane	8.029	113	374679	47.702	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.400%
50) Toluene-d8	10.443	98	1608233	51.173	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.340%
62) 4-Bromofluorobenzene	12.733	95	644172	54.327	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.660%
Target Compounds						
					Qvalue	
6) Chloroethane	3.000	64	539279	95.872	ug/l	98
8) Diethyl Ether	3.802	74	610052	122.371	ug/l	77
25) 2-Butanone	7.345	43	954557	166.875	ug/l	98
52) Toluene	10.507	92	11960	0.529	ug/l	96
68) m/p-Xylenes	11.956	106	8053	0.506	ug/l	96
84) 1,2,4-Trimethylbenzene	13.377	105	22811	0.704	ug/l	89
95) Naphthalene	15.507	128	5492	4.037	ug/l #	92

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

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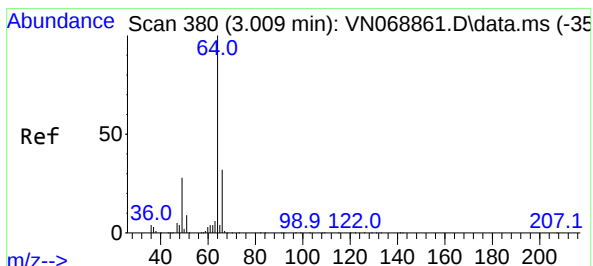
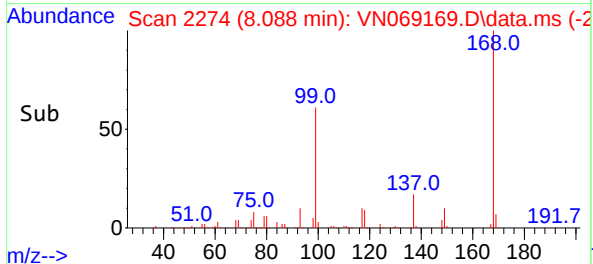
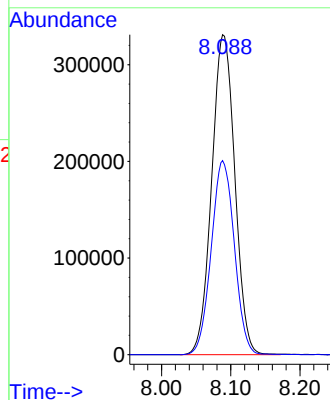
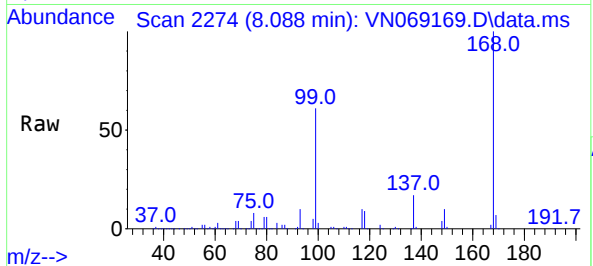




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069169.D
Acq: 25 Oct 2021 22:46

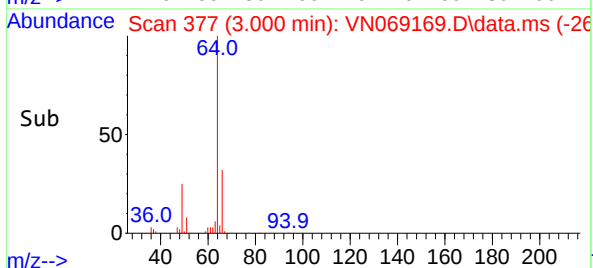
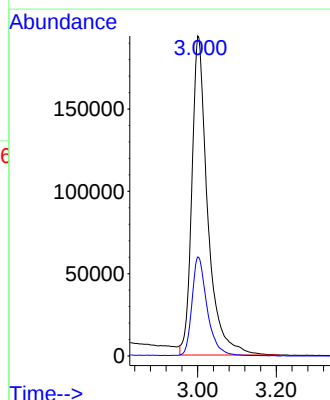
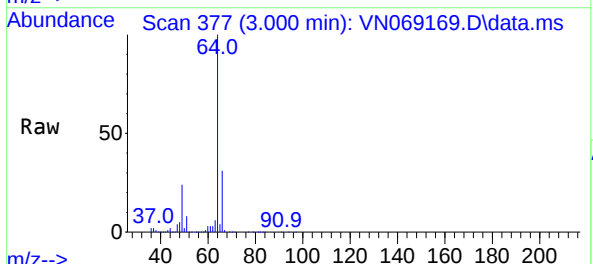
Instrument :
MSVOA_N
ClientSampled :
30848RE

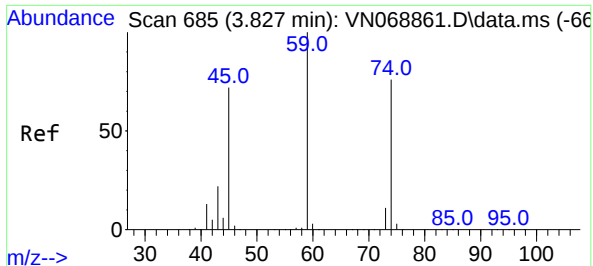
Tgt Ion:168 Resp: 768815
Ion Ratio Lower Upper
168 100
99 60.6 48.9 73.3



#6
Chloroethane
Concen: 95.872 ug/l
RT: 3.000 min Scan# 377
Delta R.T. -0.008 min
Lab File: VN069169.D
Acq: 25 Oct 2021 22:46

Tgt Ion: 64 Resp: 539279
Ion Ratio Lower Upper
64 100
66 31.0 25.6 38.4

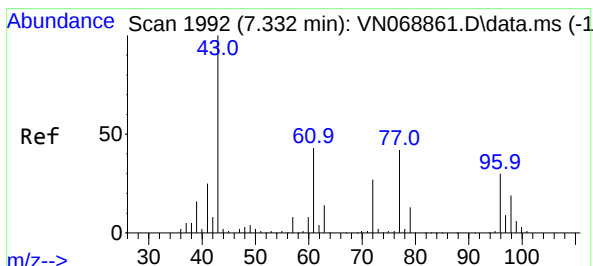
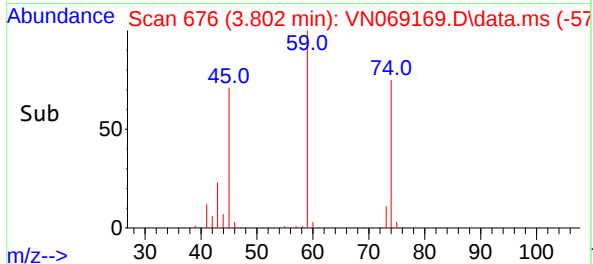
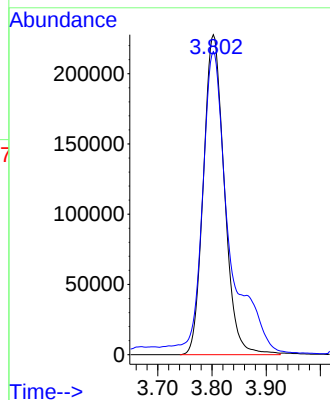
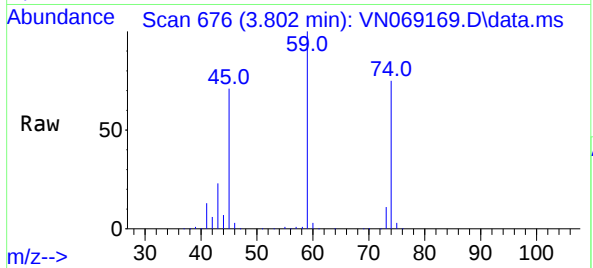




#8
Diethyl Ether
Concen: 122.371 ug/l
RT: 3.802 min Scan# 676
Delta R.T. -0.024 min
Lab File: VN069169.D
Acq: 25 Oct 2021 22:46

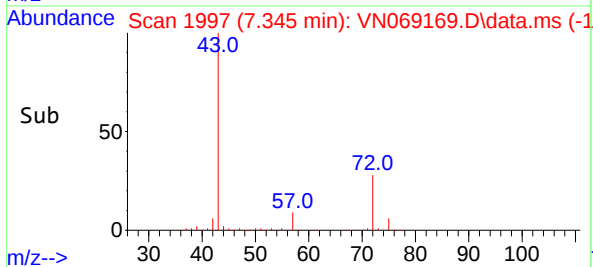
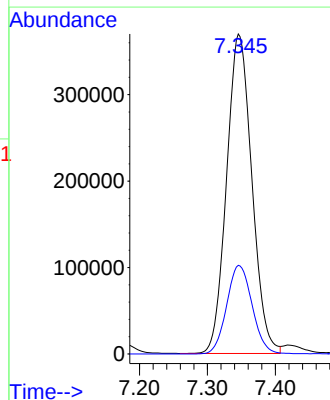
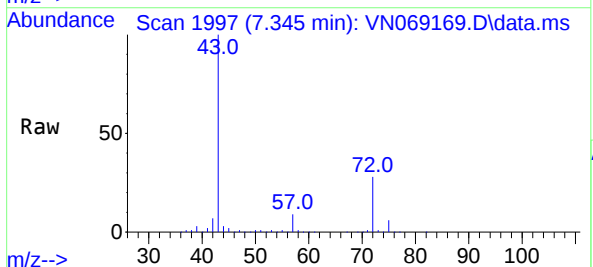
Instrument :
MSVOA_N
ClientSampleId :
30848RE

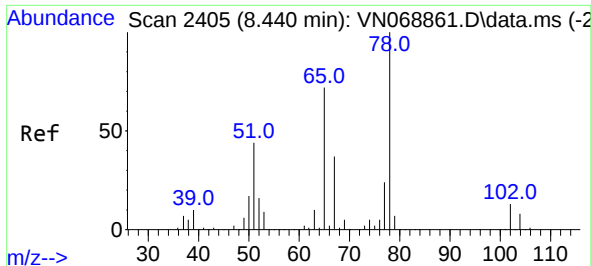
Tgt Ion: 74 Resp: 610052
Ion Ratio Lower Upper
74 100
45 116.5 47.0 141.2



#25
2-Butanone
Concen: 166.875 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.013 min
Lab File: VN069169.D
Acq: 25 Oct 2021 22:46

Tgt Ion: 43 Resp: 954557
Ion Ratio Lower Upper
43 100
72 27.7 21.2 31.8



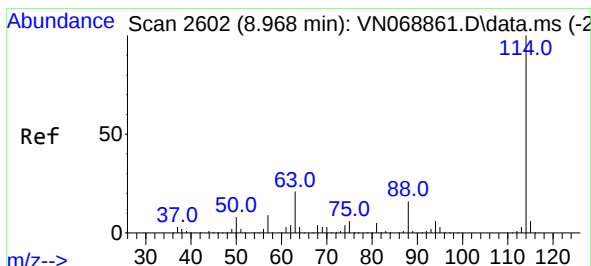
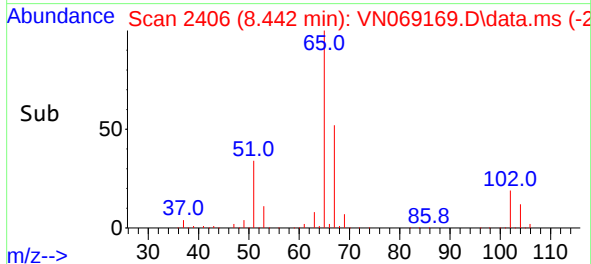
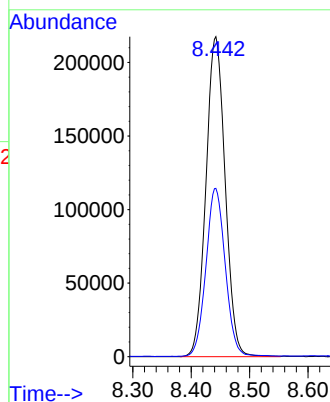
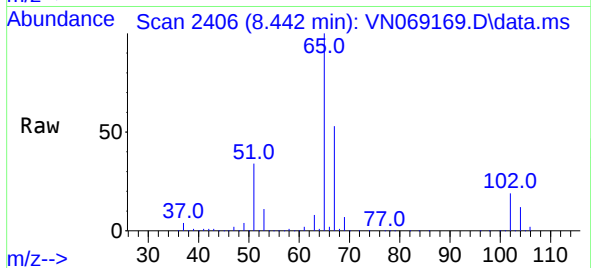


#33

1,2-Dichloroethane-d4
Concen: 49.126 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VN069169.D
Acq: 25 Oct 2021 22:46

Instrument :
MSVOA_N
ClientSampleId :
30848RE

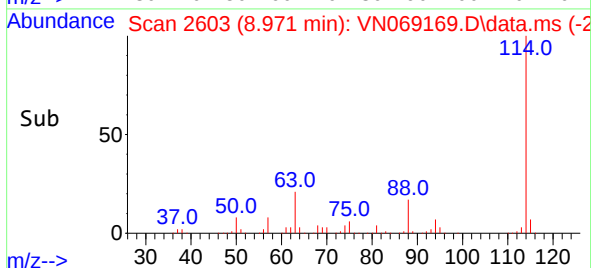
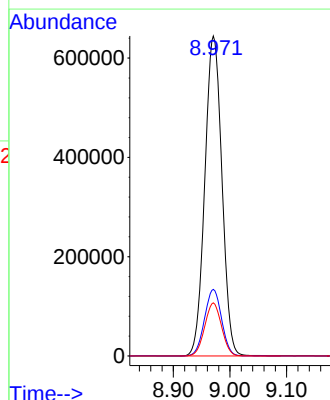
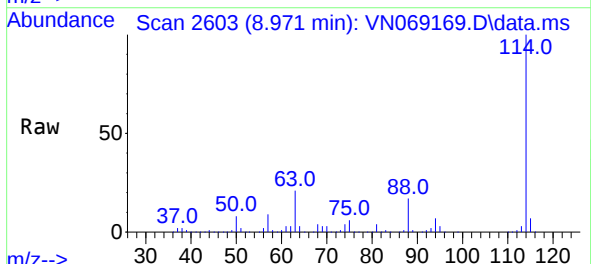
Tgt Ion: 65 Resp: 497970
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.8

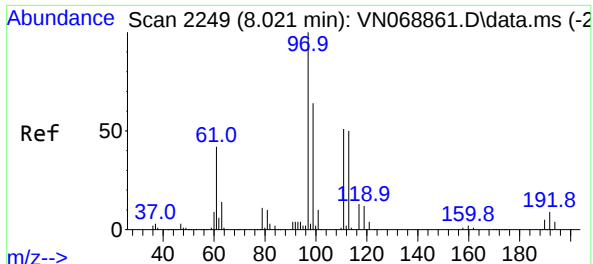


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069169.D
Acq: 25 Oct 2021 22:46

Tgt Ion: 114 Resp: 1350034
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 16.6 0.0 32.0

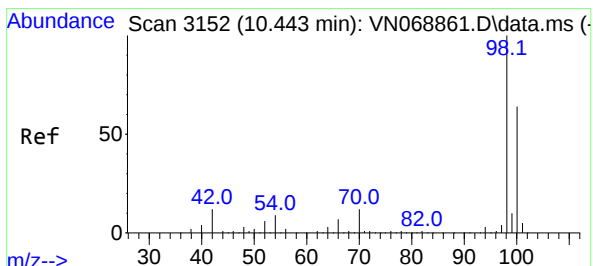
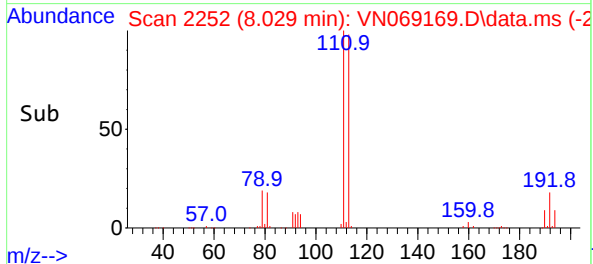
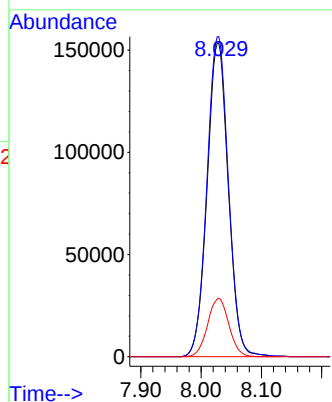
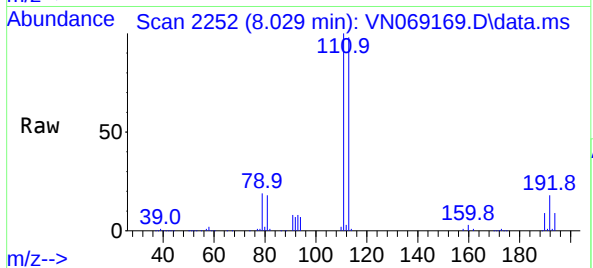




#35
Dibromofluoromethane
Concen: 47.702 ug/l
RT: 8.029 min Scan# 2252
Delta R.T. 0.008 min
Lab File: VN069169.D
Acq: 25 Oct 2021 22:46

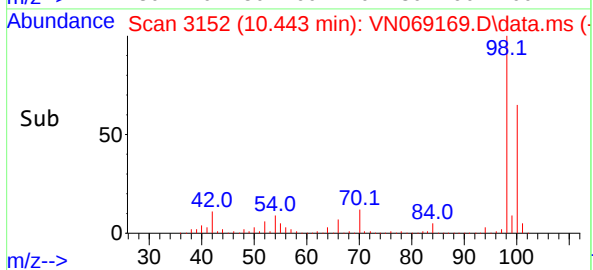
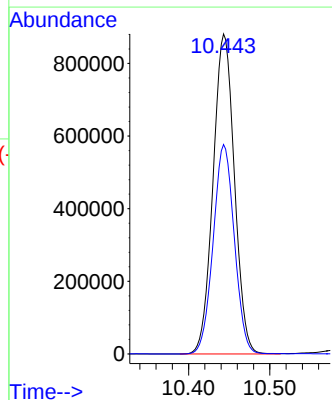
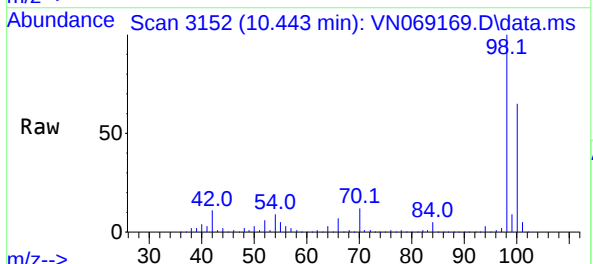
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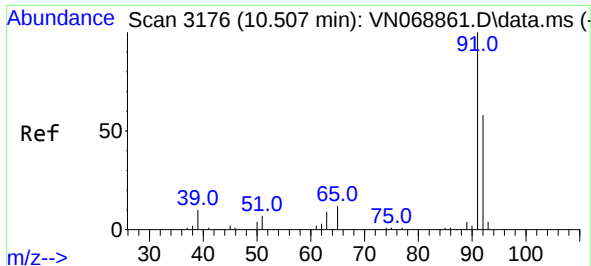
Tgt Ion:113 Resp: 374679
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 18.7 15.0 22.4



#50
Toluene-d8
Concen: 51.173 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069169.D
Acq: 25 Oct 2021 22:46

Tgt Ion: 98 Resp: 1608233
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3

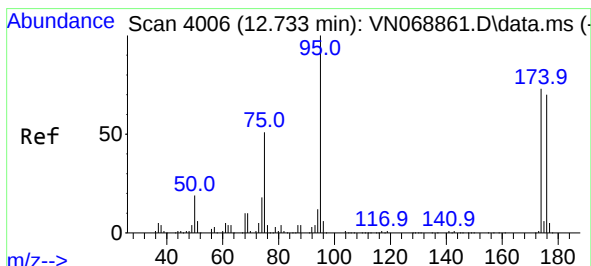
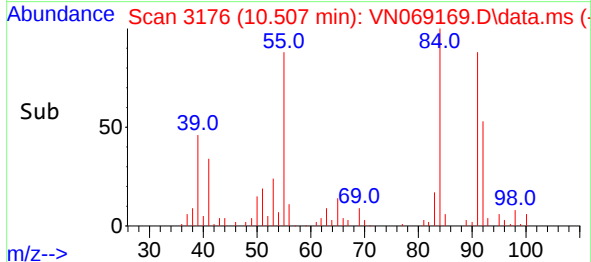
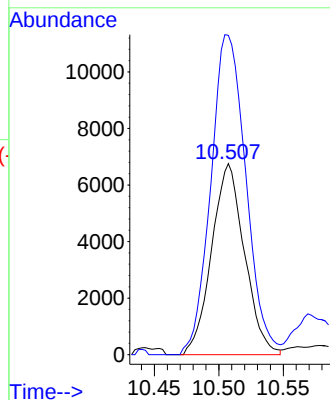
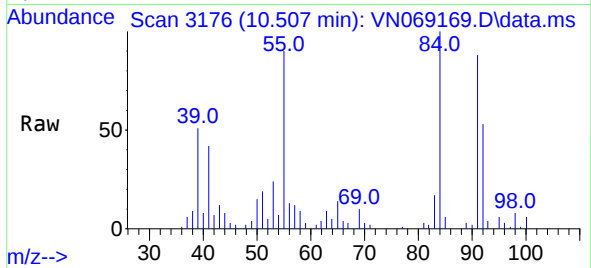




#52
Toluene
Concen: 0.529 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN069169.D
Acq: 25 Oct 2021 22:46

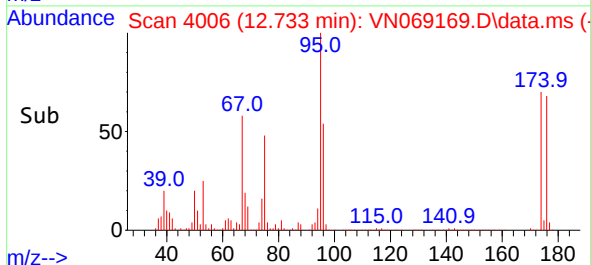
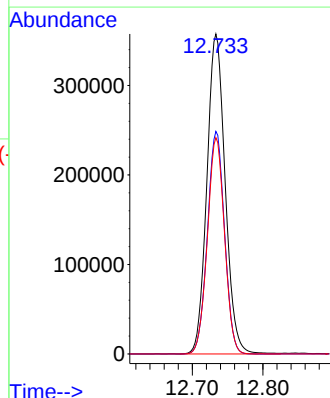
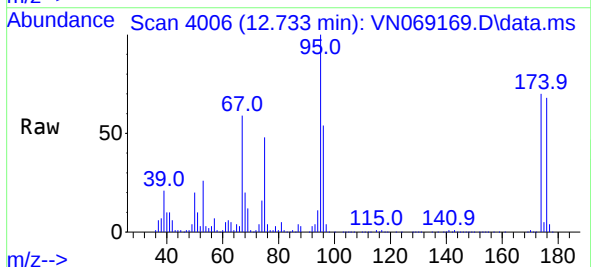
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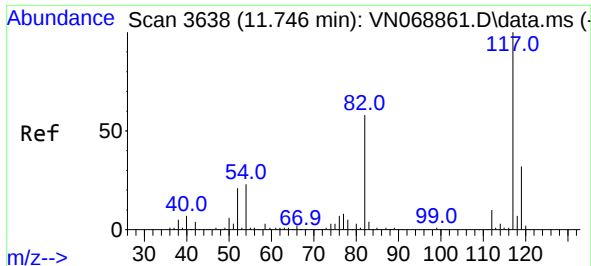
Tgt Ion: 92 Resp: 11960
Ion Ratio Lower Upper
92 100
91 178.9 138.5 207.7



#62
4-Bromofluorobenzene
Concen: 54.327 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069169.D
Acq: 25 Oct 2021 22:46

Tgt Ion: 95 Resp: 644172
Ion Ratio Lower Upper
95 100
174 65.0 0.0 144.8
176 63.1 0.0 140.0

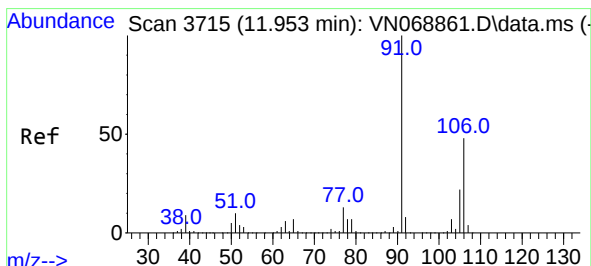
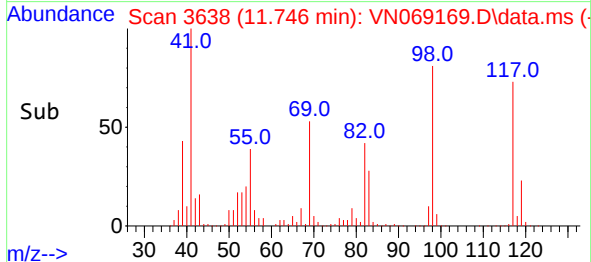
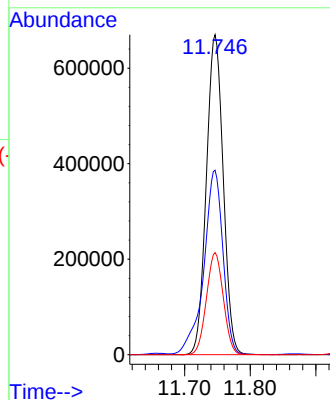
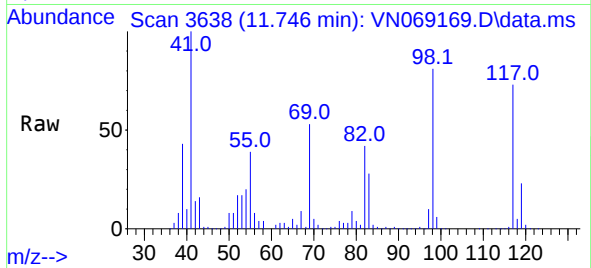




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069169.D
Acq: 25 Oct 2021 22:46

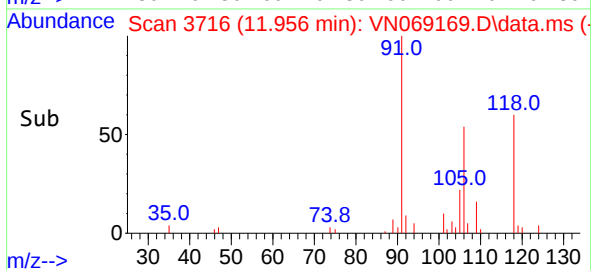
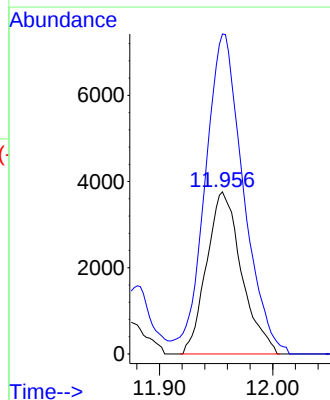
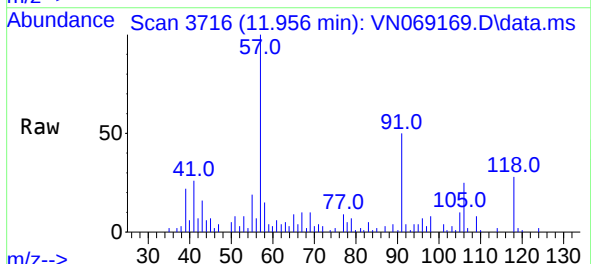
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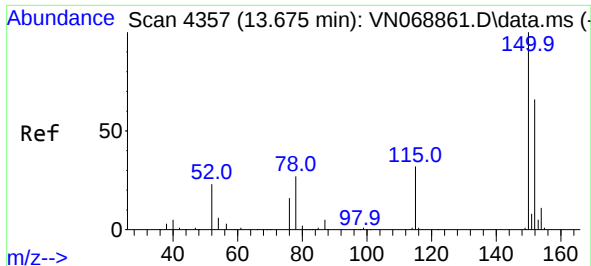
Tgt Ion:117 Resp: 1195449
Ion Ratio Lower Upper
117 100
82 57.5 46.4 69.6
119 31.9 26.0 39.0



#68
m/p-Xylenes
Concen: 0.506 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069169.D
Acq: 25 Oct 2021 22:46

Tgt Ion:106 Resp: 8053
Ion Ratio Lower Upper
106 100
91 215.2 166.8 250.2

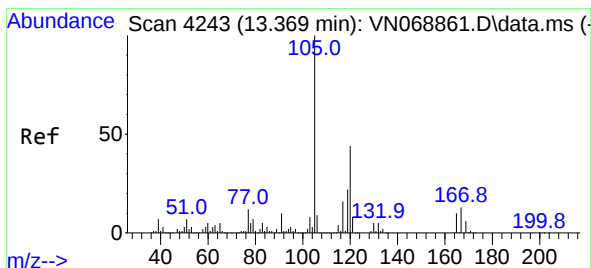
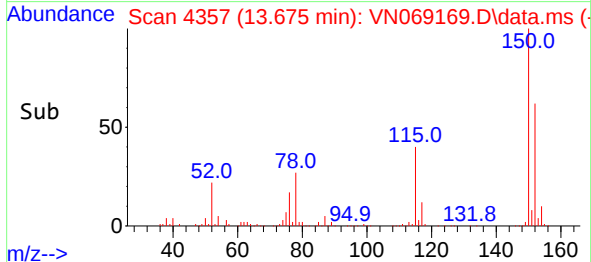
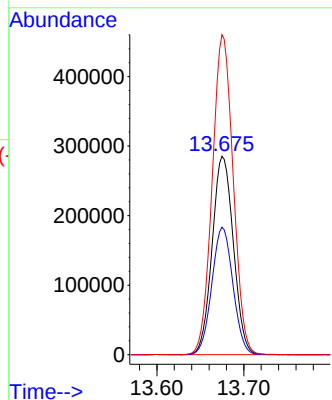
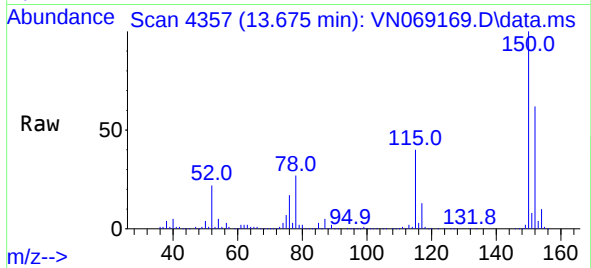




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069169.D
Acq: 25 Oct 2021 22:46

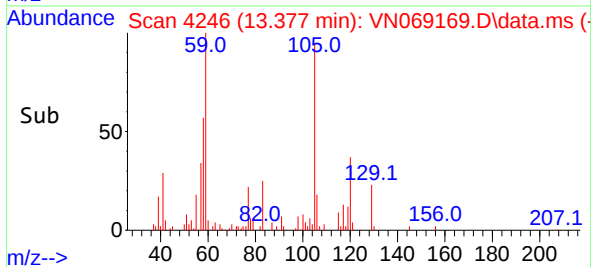
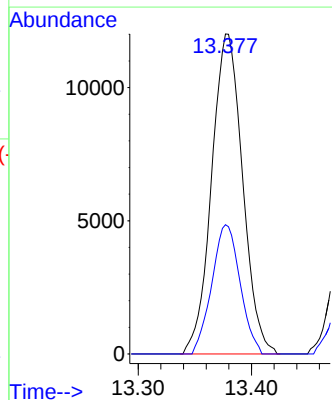
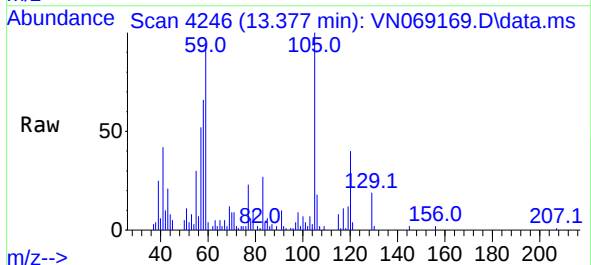
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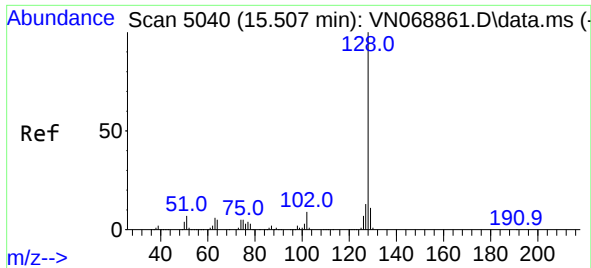
Tgt Ion:152 Resp: 484866
Ion Ratio Lower Upper
152 100
115 63.9 31.4 94.3
150 158.9 0.0 351.0



#84
1,2,4-Trimethylbenzene
Concen: 0.704 ug/l
RT: 13.377 min Scan# 4246
Delta R.T. 0.008 min
Lab File: VN069169.D
Acq: 25 Oct 2021 22:46

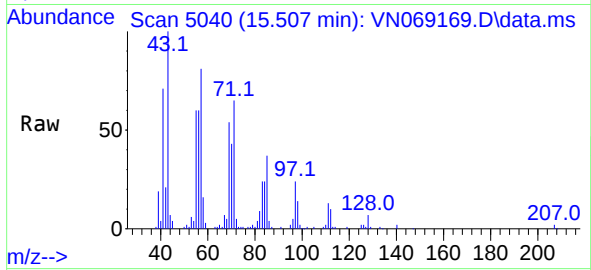
Tgt Ion:105 Resp: 22811
Ion Ratio Lower Upper
105 100
120 36.8 21.9 65.5





#95
Naphthalene
Concen: 4.037 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069169.D
Acq: 25 Oct 2021 22:46

Instrument :
MSVOA_N
ClientSampleId :
30848RE



Tgt Ion:	128	Resp:	5492
Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.5	15.7
129	6.7	8.9	13.3#

