

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
 Data File : VN070116.D
 Acq On : 15 Dec 2021 17:09
 Operator : JC/MD
 Sample : M4970-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-3

Quant Time: Dec 16 05:40:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

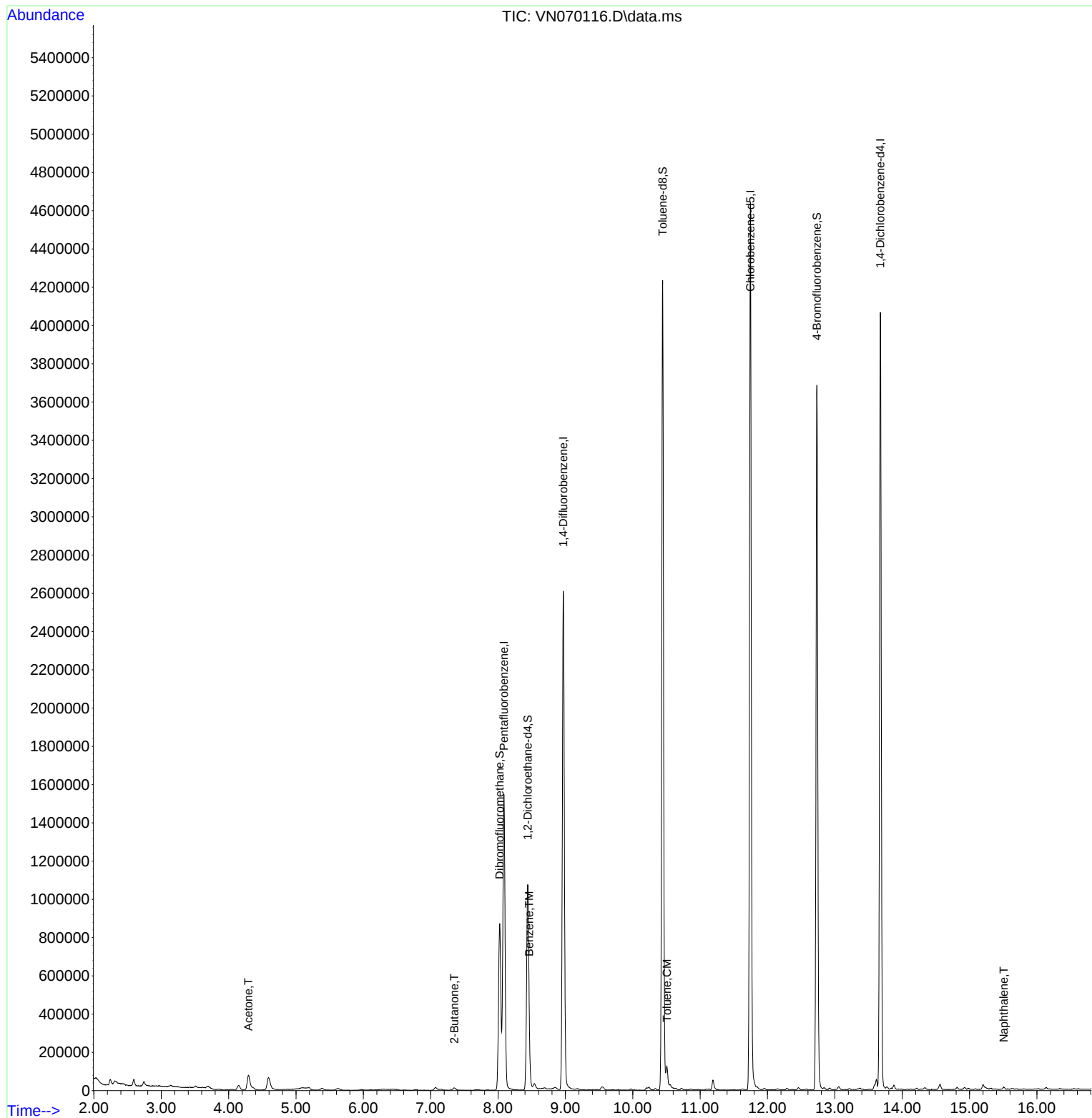
Internal Standards						
1) Pentafluorobenzene	8.088	168	1150561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2202079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2574567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1087927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	917863	51.67	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.34%	
35) Dibromofluoromethane	8.024	113	644646	46.74	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 93.48%	
50) Toluene-d8	10.443	98	2902439	52.40	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.80%	
62) 4-Bromofluorobenzene	12.733	95	1305098	65.04	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 130.08%	
Target Compounds						
						Qvalue
16) Acetone	4.293	43	153891	14.40	ug/l	98
25) 2-Butanone	7.351	43	20959	1.44	ug/l #	86
40) Benzene	8.461	78	65967	1.03	ug/l	100
52) Toluene	10.507	92	41683	1.07	ug/l	96
95) Naphthalene	15.507	128	10822	4.17	ug/l	98

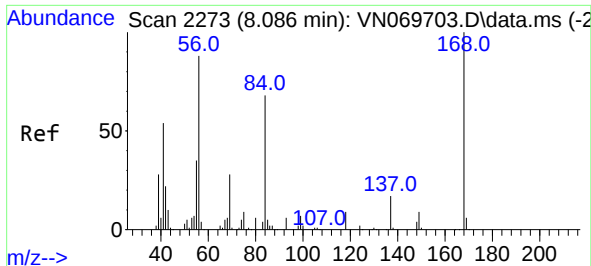
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

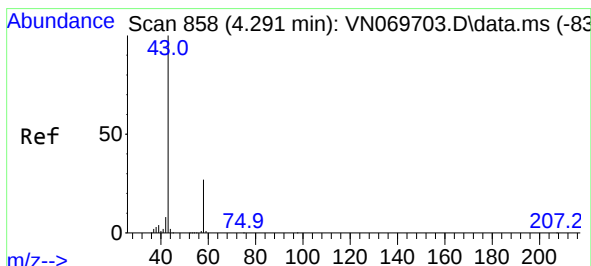
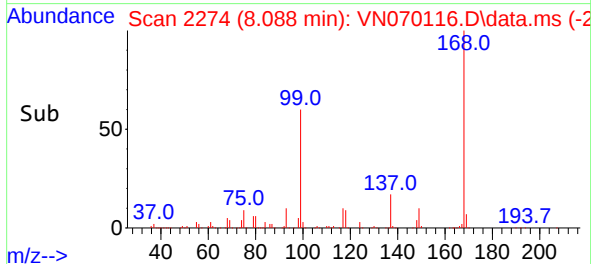
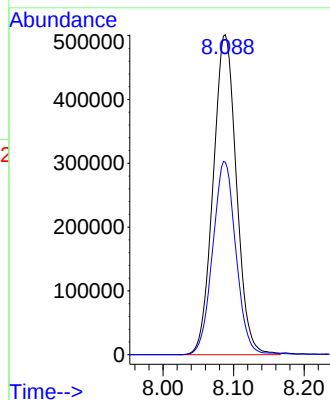
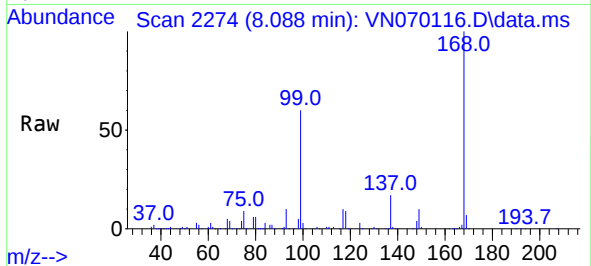




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070116.D
Acq: 15 Dec 2021 17:09

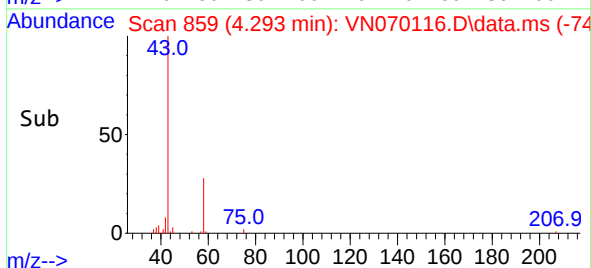
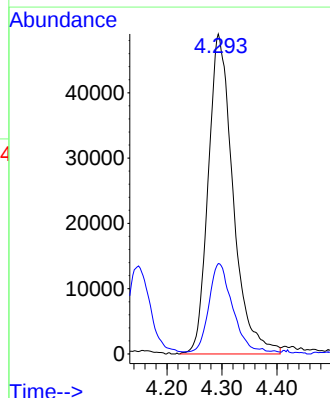
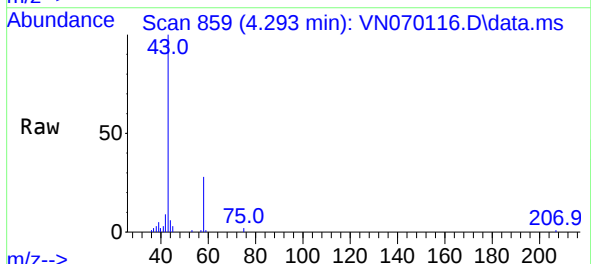
Instrument :
MSVOA_N
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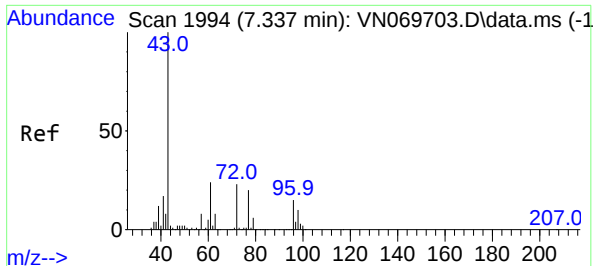
Tgt Ion:168 Resp: 1150561
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9



#16
Acetone
Concen: 14.40 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070116.D
Acq: 15 Dec 2021 17:09

Tgt Ion: 43 Resp: 153891
Ion Ratio Lower Upper
43 100
58 27.6 23.1 34.7

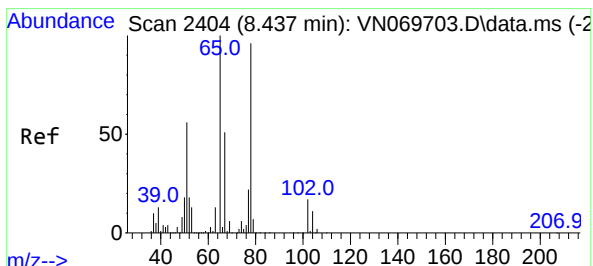
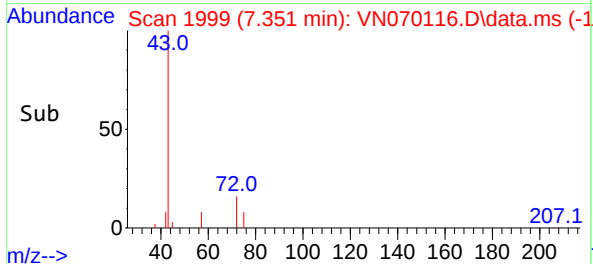
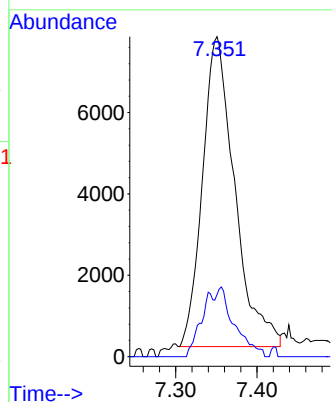
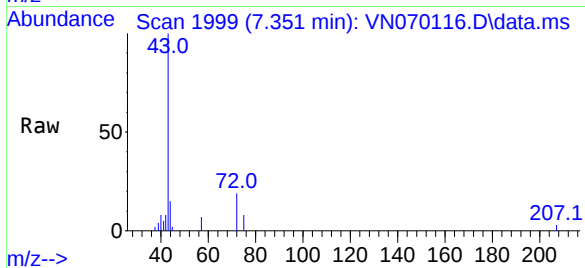




#25
2-Butanone
Concen: 1.44 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.013 min
Lab File: VN070116.D
Acq: 15 Dec 2021 17:09

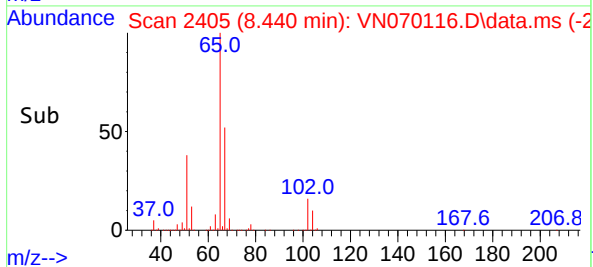
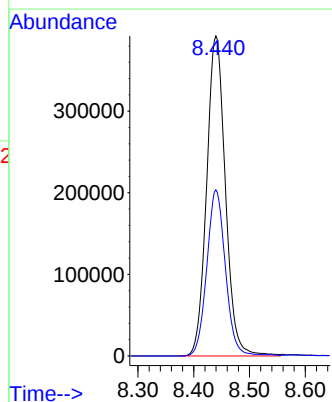
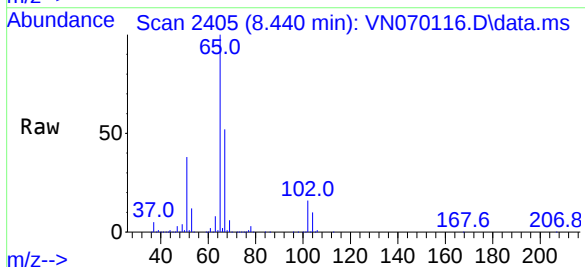
Instrument :
MSVOA_N
ClientSampleId :
SW-3

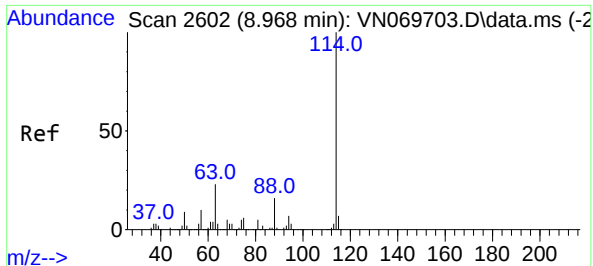
Tgt Ion: 43 Resp: 20959
Ion Ratio Lower Upper
43 100
72 20.0 21.7 32.5#



#33
1,2-Dichloroethane-d4
Concen: 51.67 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070116.D
Acq: 15 Dec 2021 17:09

Tgt Ion: 65 Resp: 917863
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

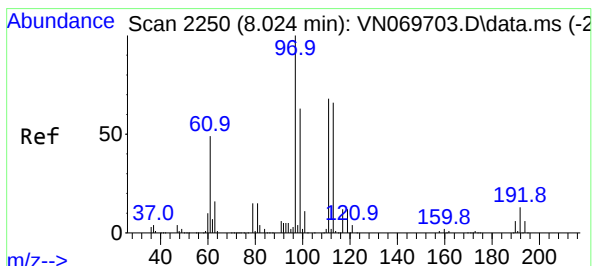
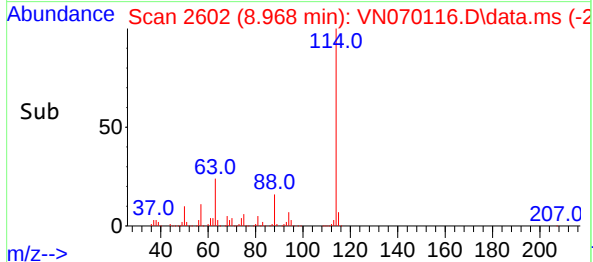
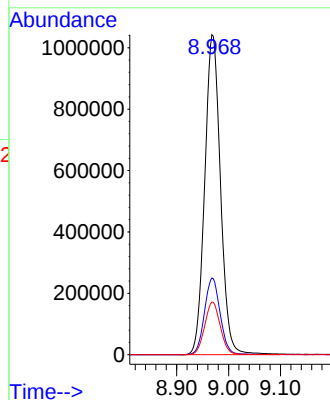
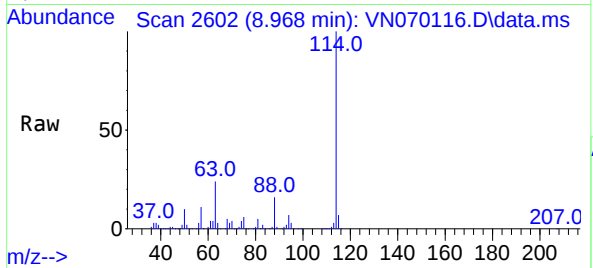




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070116.D
Acq: 15 Dec 2021 17:09

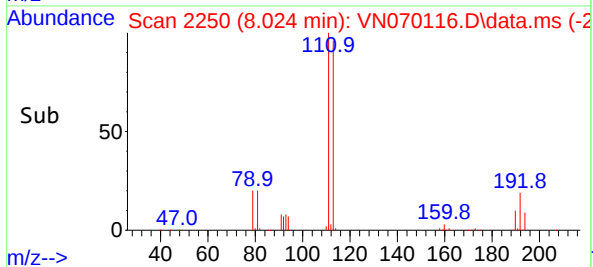
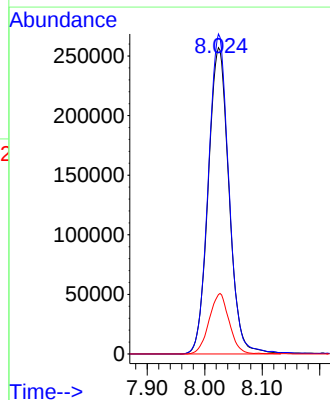
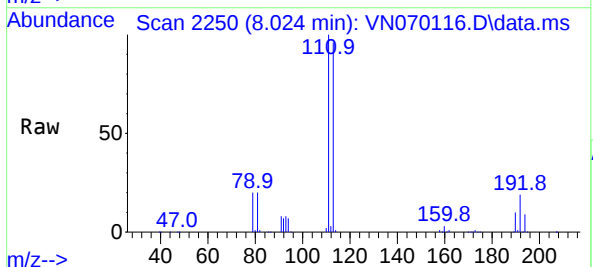
Instrument :
MSVOA_N
ClientSampleId :
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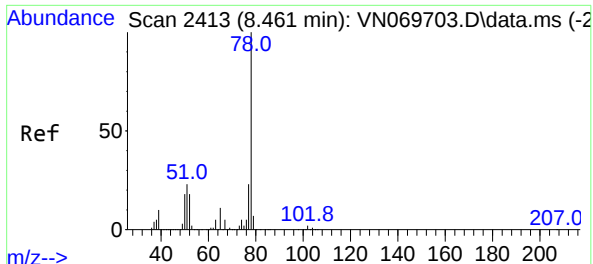
Tgt Ion:114 Resp: 2202079
Ion Ratio Lower Upper
114 100
63 24.0 0.0 37.8
88 16.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.74 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070116.D
Acq: 15 Dec 2021 17:09

Tgt Ion:113 Resp: 644646
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.0 16.9 25.3

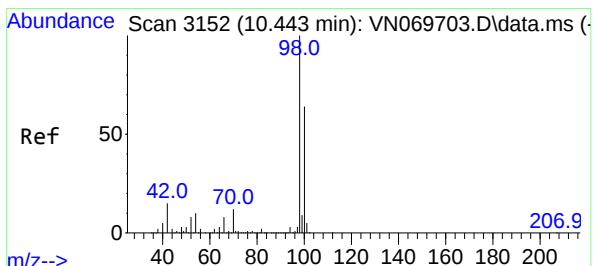
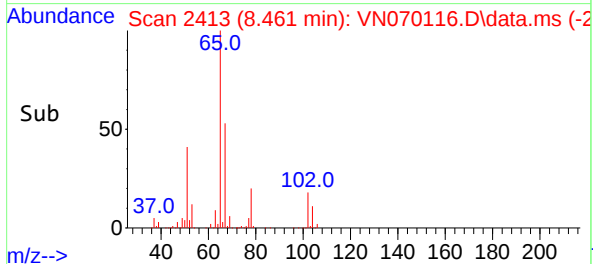
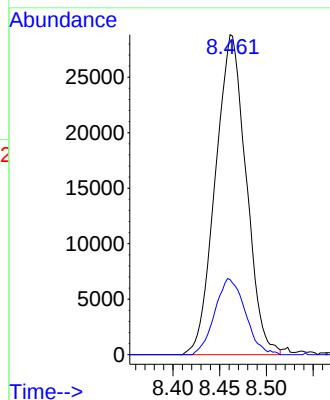
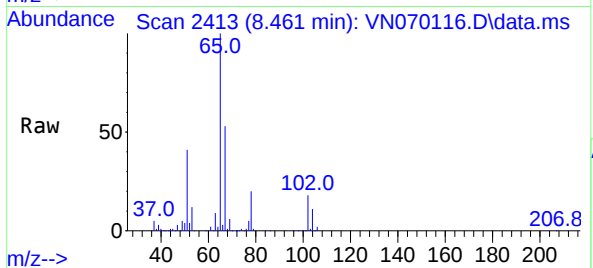




#40
Benzene
Concen: 1.03 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070116.D
Acq: 15 Dec 2021 17:09

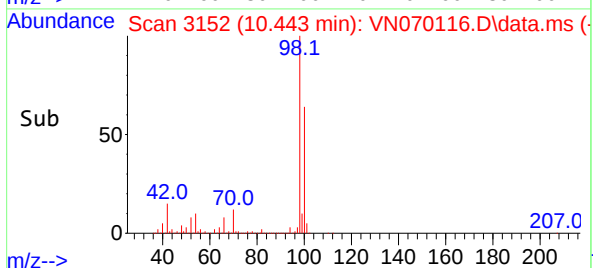
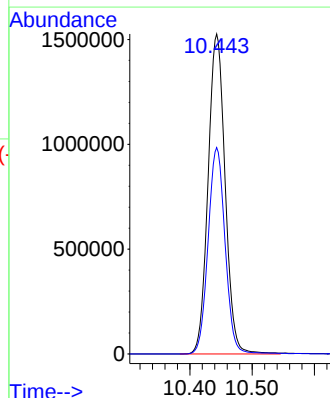
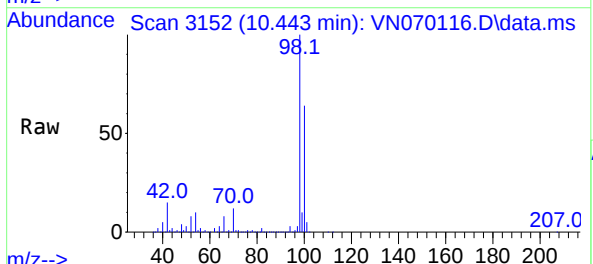
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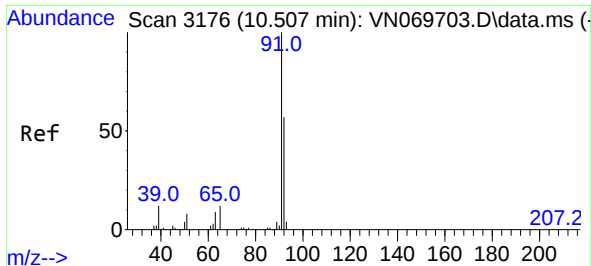
Tgt Ion: 78 Resp: 65967
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8



#50
Toluene-d8
Concen: 52.40 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070116.D
Acq: 15 Dec 2021 17:09

Tgt Ion: 98 Resp: 2902439
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

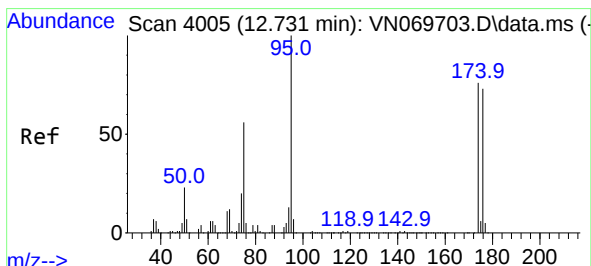
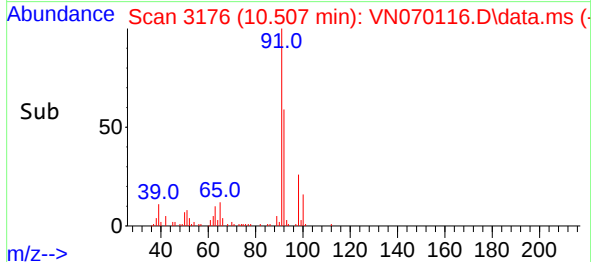
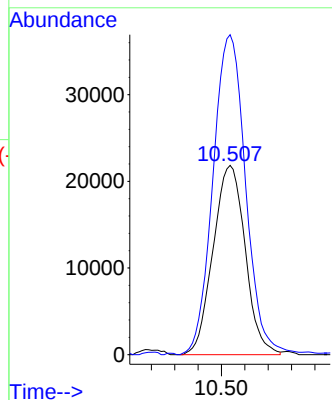
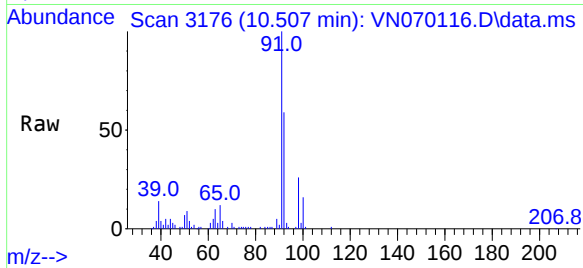




#52
Toluene
Concen: 1.07 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN070116.D
Acq: 15 Dec 2021 17:09

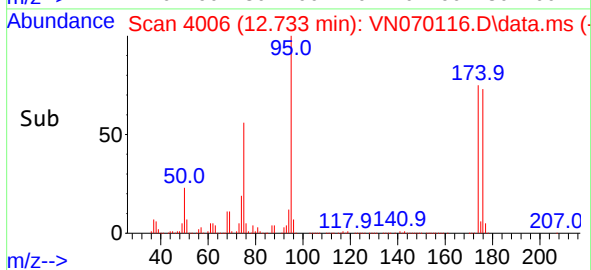
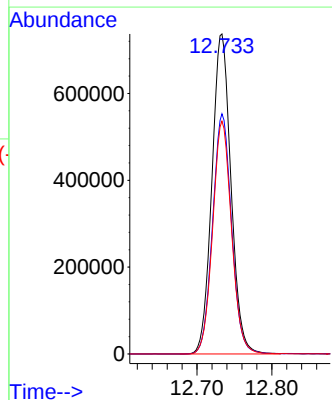
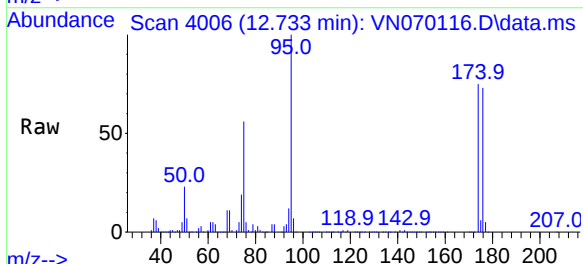
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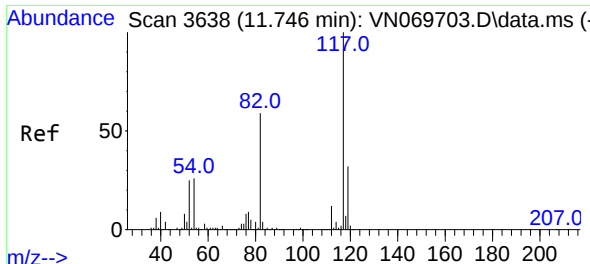
Tgt Ion: 92 Resp: 41683
Ion Ratio Lower Upper
92 100
91 172.2 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 65.04 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070116.D
Acq: 15 Dec 2021 17:09

Tgt Ion: 95 Resp: 1305098
Ion Ratio Lower Upper
95 100
174 74.7 0.0 187.2
176 72.0 0.0 181.4

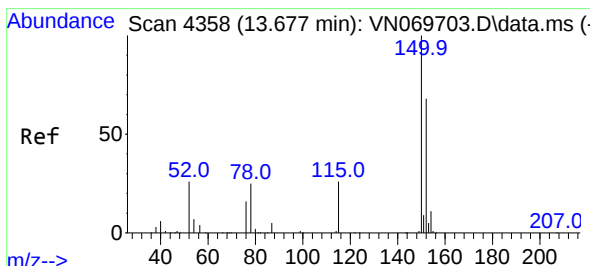
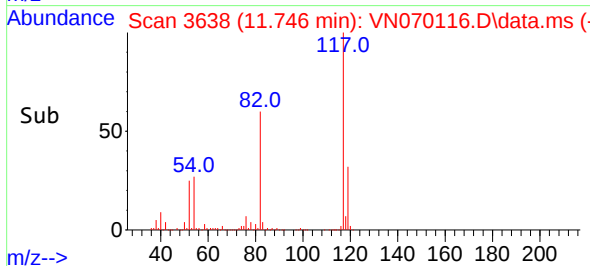
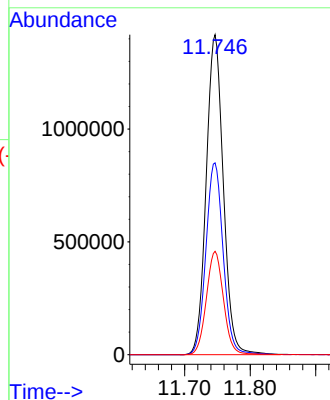
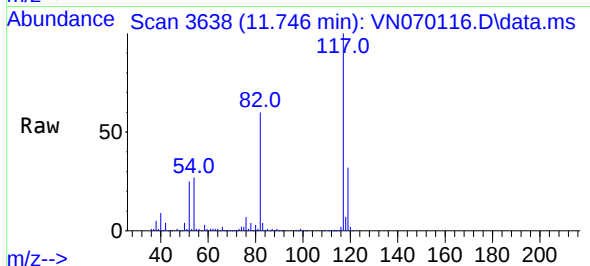




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070116.D
Acq: 15 Dec 2021 17:09

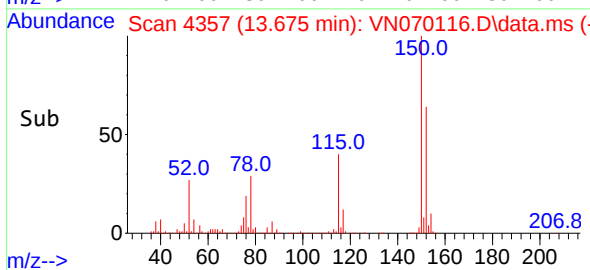
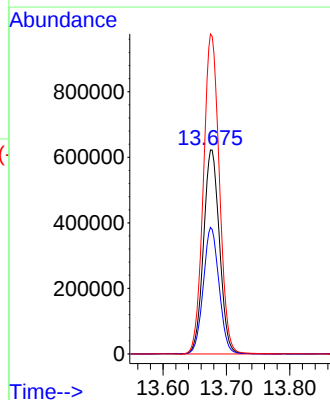
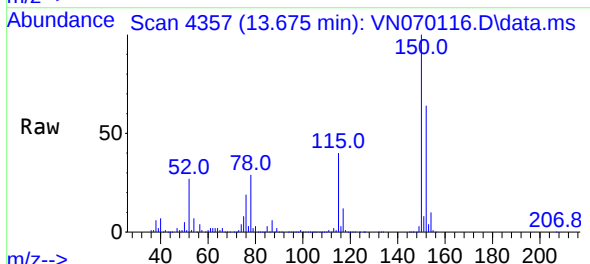
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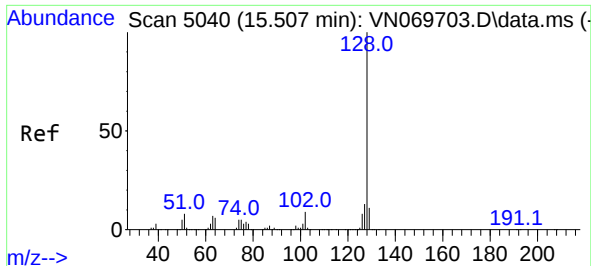
Tgt Ion:117 Resp: 2574567
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070116.D
Acq: 15 Dec 2021 17:09

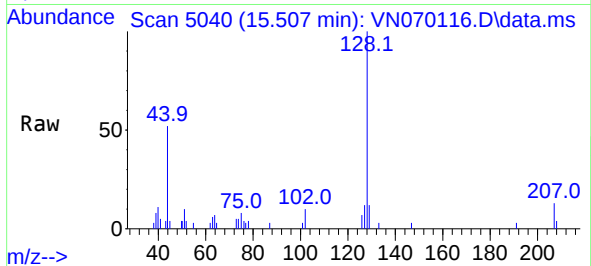
Tgt Ion:152 Resp: 1087927
Ion Ratio Lower Upper
152 100
115 61.0 27.5 82.5
150 157.0 0.0 344.4





#95
Naphthalene
Concen: 4.17 ug/l
RT: 15.507 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN070116.D
Acq: 15 Dec 2021 17:09

Instrument :
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Tgt Ion:128 Resp: 10822
Ion Ratio Lower Upper
128 100
127 11.9 10.5 15.7
129 10.5 8.7 13.1

