

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060123\
 Data File : VN078016.D
 Acq On : 01 Jun 2023 17:38
 Operator : JC\MD
 Sample : 02958-01DL 40X
 Misc : 1.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ORA-0588DL

Quant Time: Jun 02 01:54:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

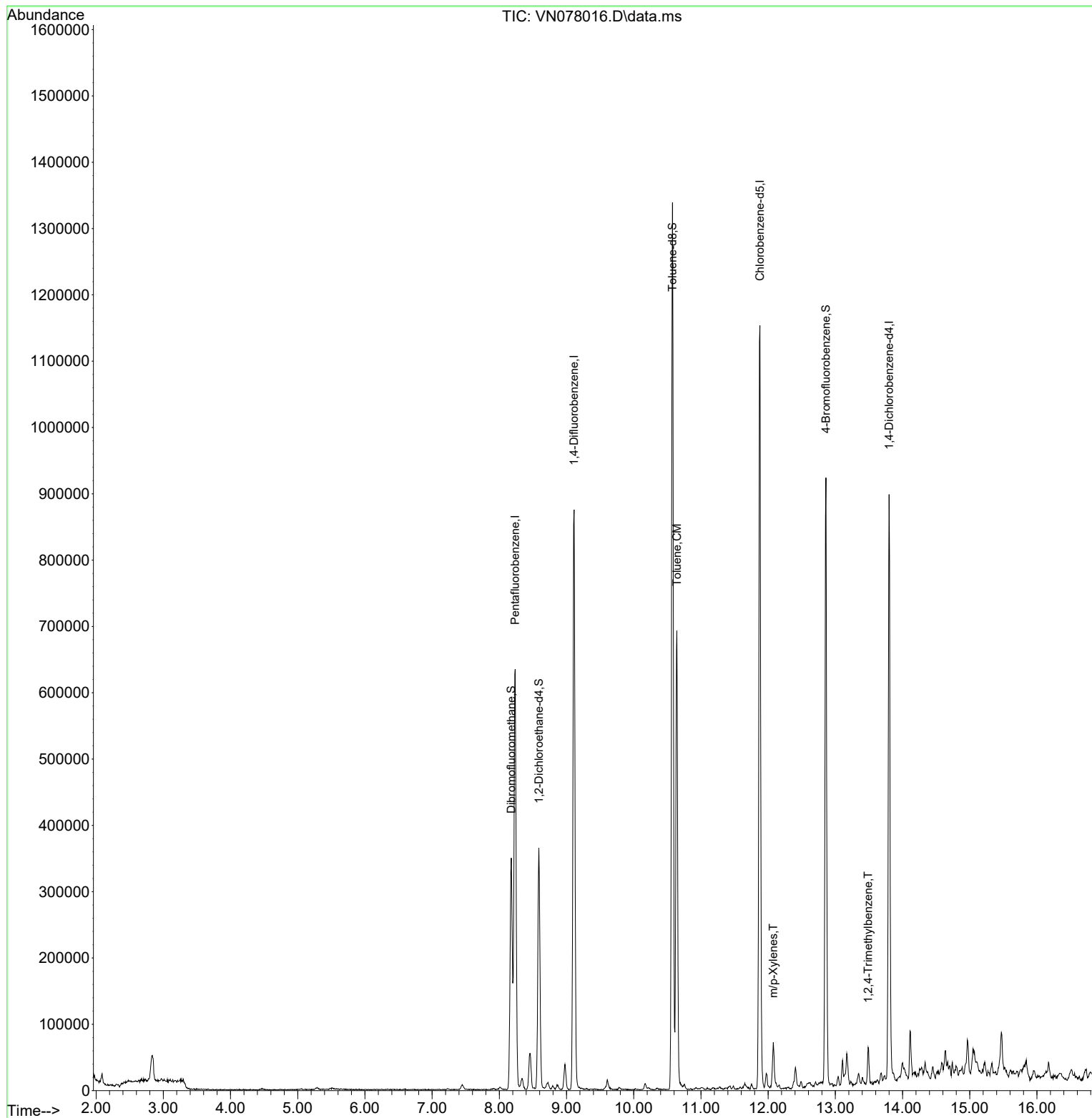
Internal Standards						
1) Pentafluorobenzene	8.236	168	429521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	782878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.877	117	704576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	238141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	295293	45.948	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.900%
35) Dibromofluoromethane	8.177	113	251150	49.196	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.400%
50) Toluene-d8	10.577	98	962875	49.002	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.859	95	328158	47.286	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.580%
Target Compounds						
					Qvalue	
52) Toluene	10.641	92	308039	22.456	ug/l	98
68) m/p-Xylenes	12.077	106	16256	1.567	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	32202	1.898	ug/l	99

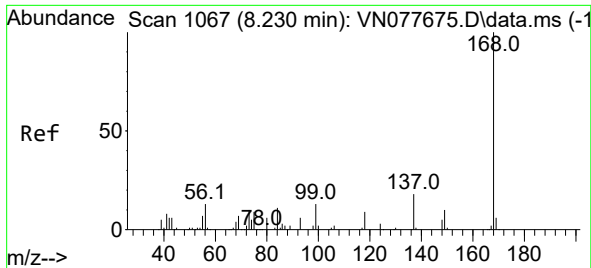
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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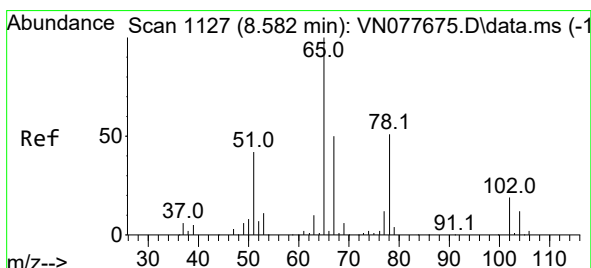
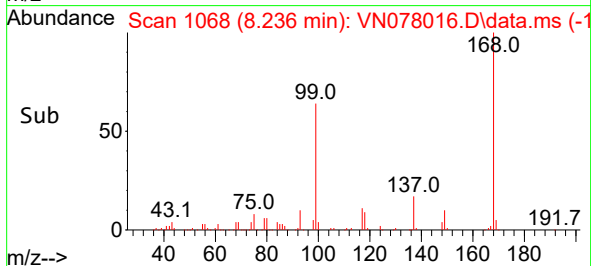
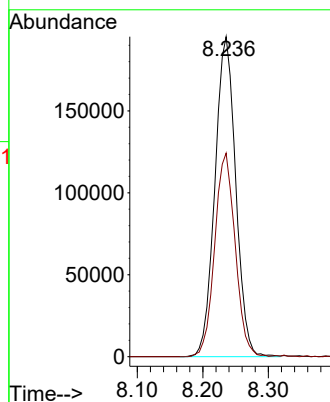
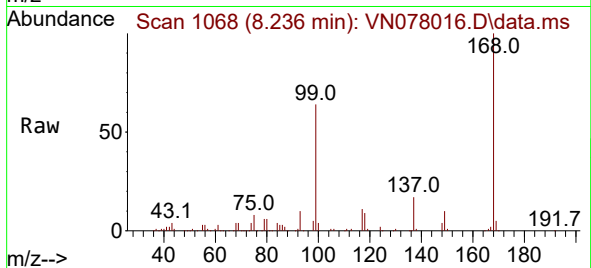




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN078016.D
Acq: 01 Jun 2023 17:38

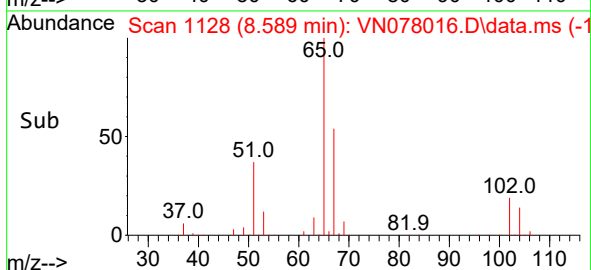
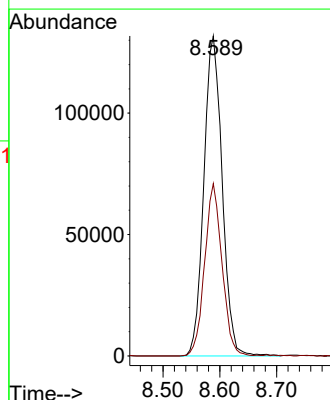
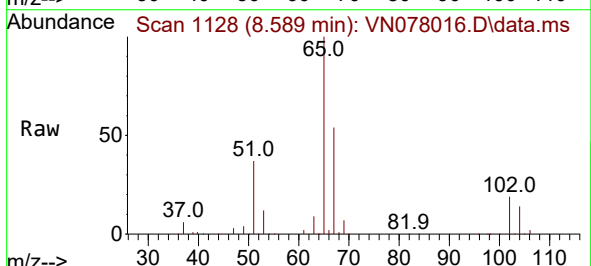
Instrument :
MSVOA_N
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ORA-0588DL

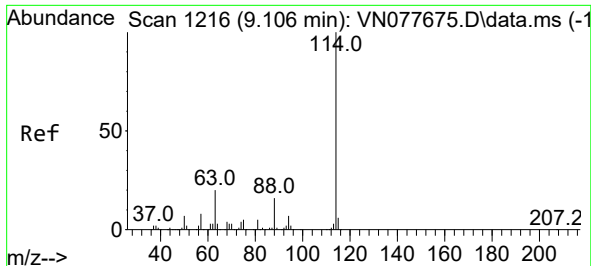
Tgt Ion:168 Resp: 429521
Ion Ratio Lower Upper
168 100
99 63.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 45.948 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.007 min
Lab File: VN078016.D
Acq: 01 Jun 2023 17:38

Tgt Ion: 65 Resp: 295293
Ion Ratio Lower Upper
65 100
67 51.0 0.0 106.6

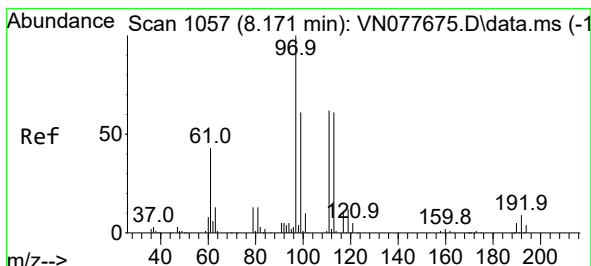
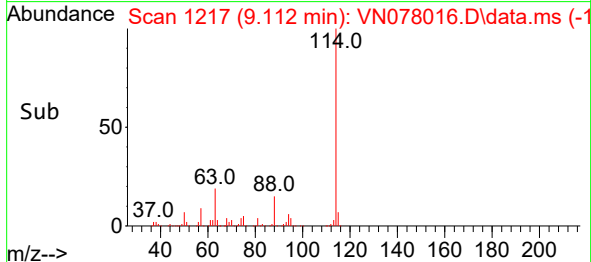
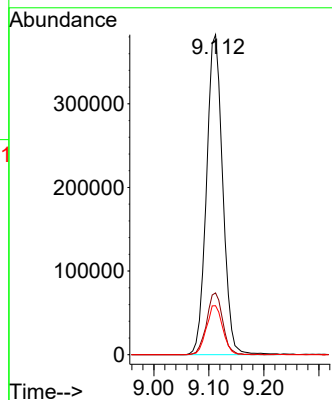
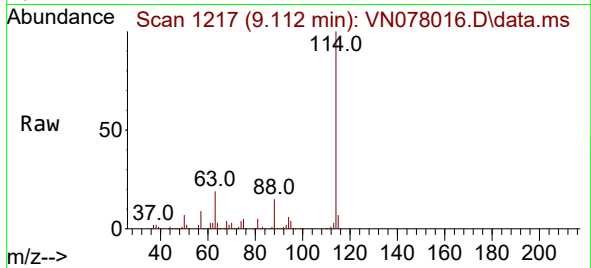




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078016.D
Acq: 01 Jun 2023 17:38

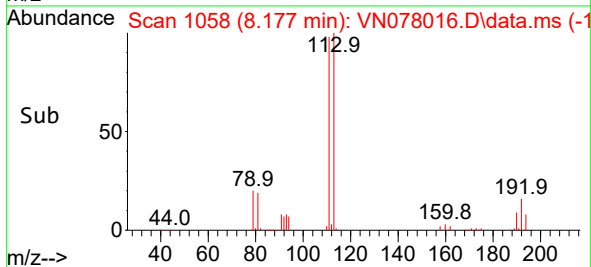
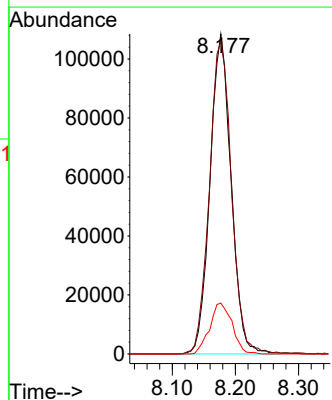
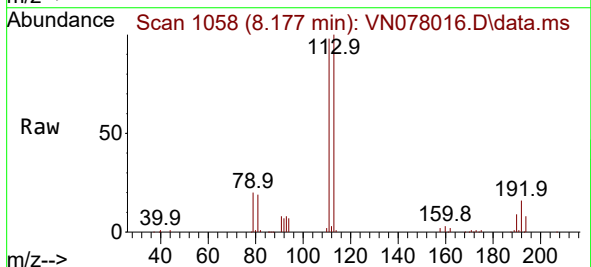
Instrument :
MSVOA_N
ClientSampleId :
ORA-0588DL

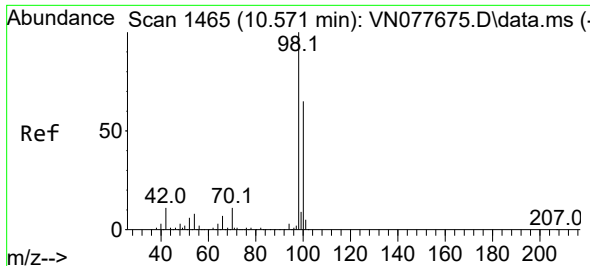
Tgt Ion:114 Resp: 782878
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.196 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN078016.D
Acq: 01 Jun 2023 17:38

Tgt Ion:113 Resp: 251150
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 16.9 12.7 19.1

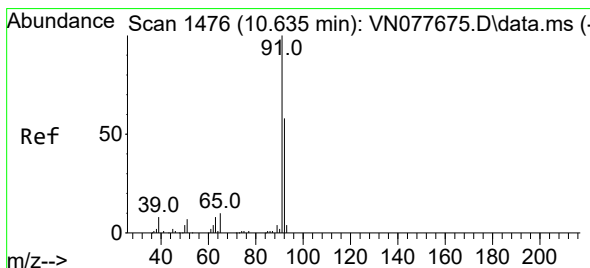
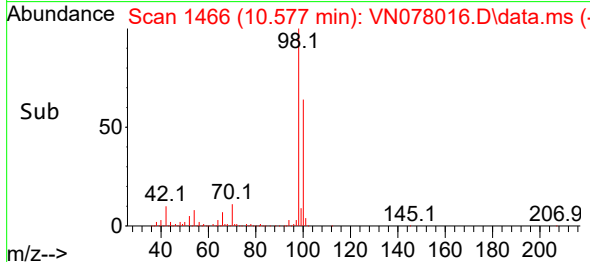
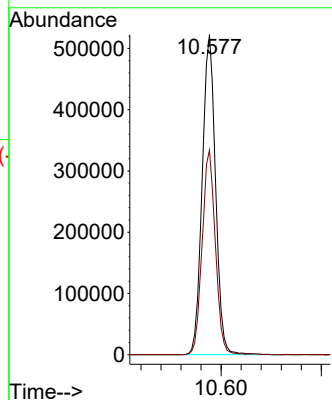
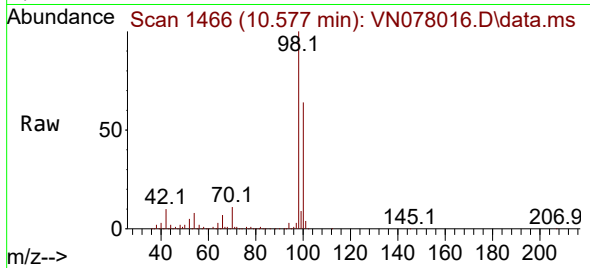




#50
Toluene-d8
Concen: 49.002 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078016.D
Acq: 01 Jun 2023 17:38

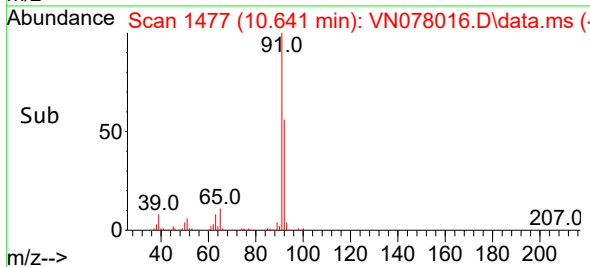
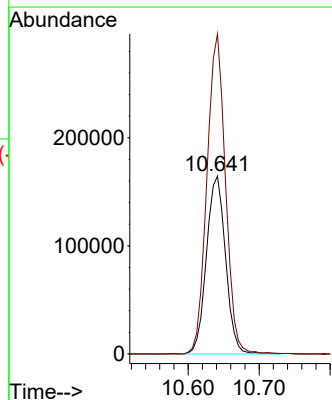
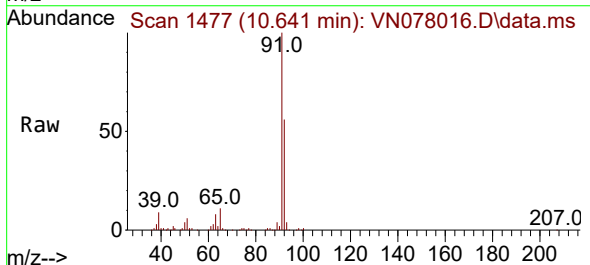
Instrument :
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ClientSampleId :
ORA-0588DL

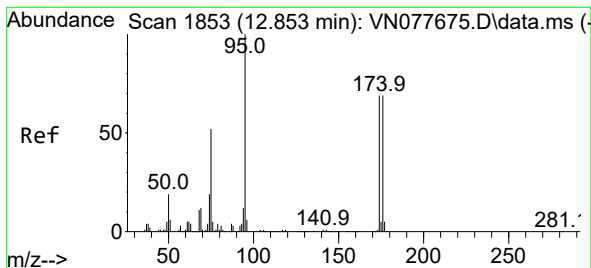
Tgt Ion: 98 Resp: 962875
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#52
Toluene
Concen: 22.456 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VN078016.D
Acq: 01 Jun 2023 17:38

Tgt Ion: 92 Resp: 308039
Ion Ratio Lower Upper
92 100
91 174.9 137.4 206.0

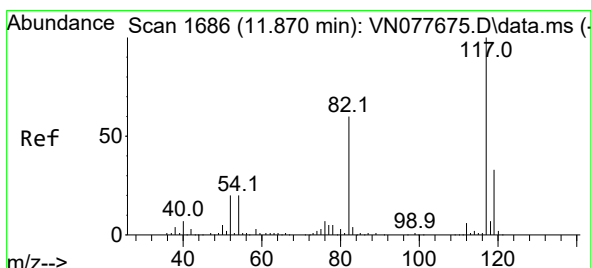
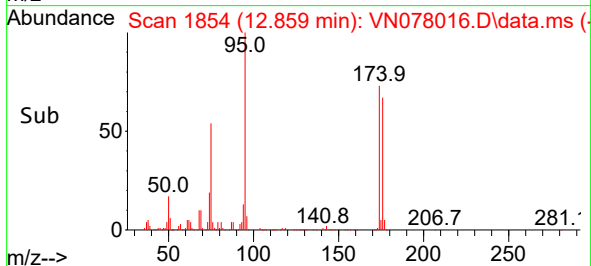
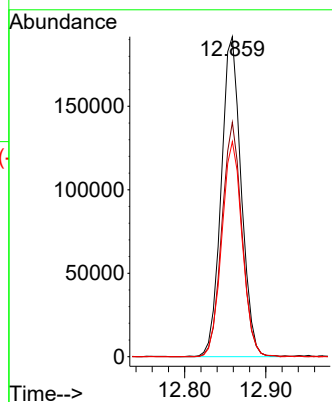
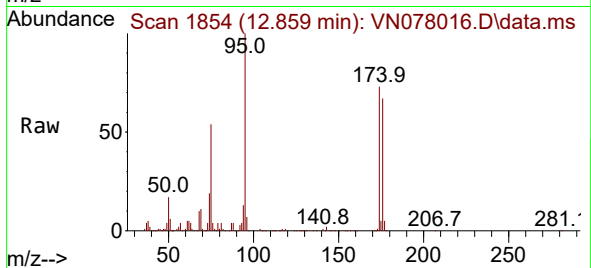




#62
4-Bromofluorobenzene
Concen: 47.286 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078016.D
Acq: 01 Jun 2023 17:38

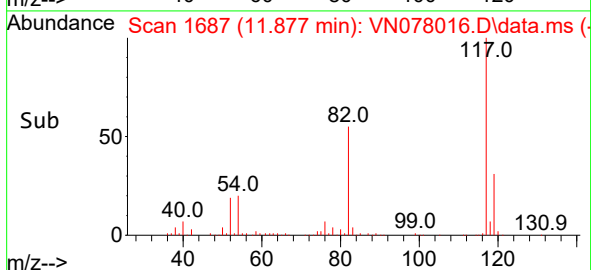
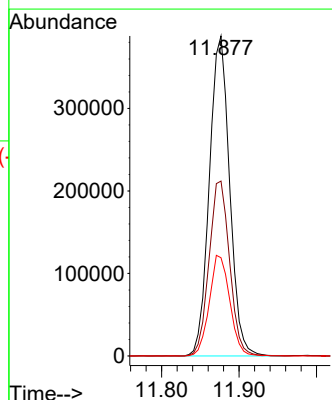
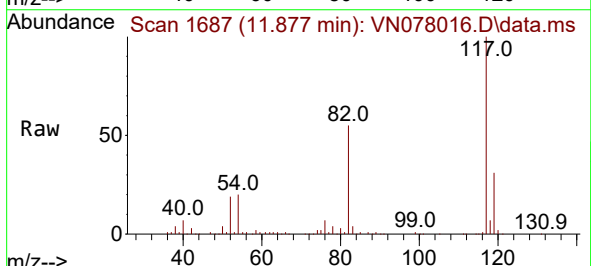
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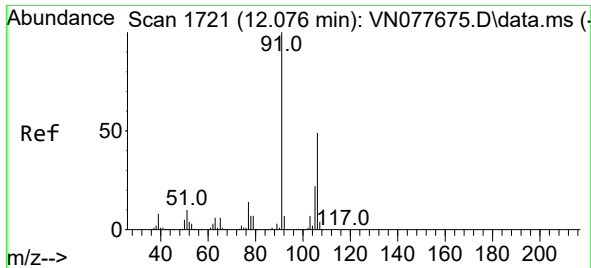
Tgt Ion: 95 Resp: 328158
Ion Ratio Lower Upper
95 100
174 73.4 0.0 143.8
176 68.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.877 min Scan# 1687
Delta R.T. 0.007 min
Lab File: VN078016.D
Acq: 01 Jun 2023 17:38

Tgt Ion: 117 Resp: 704576
Ion Ratio Lower Upper
117 100
82 54.7 44.0 66.0
119 30.7 25.6 38.4

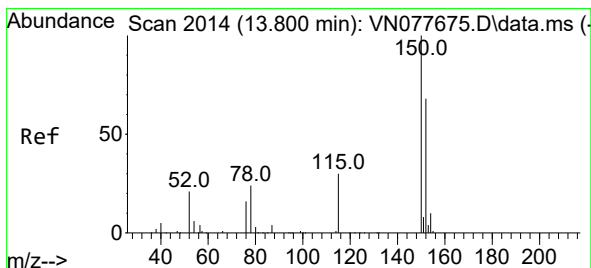
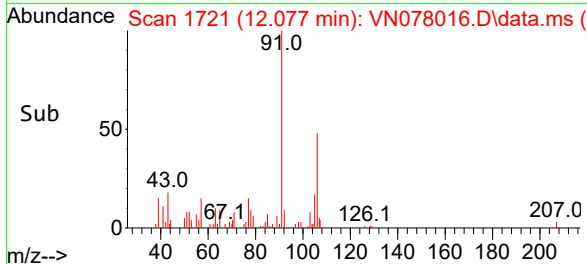
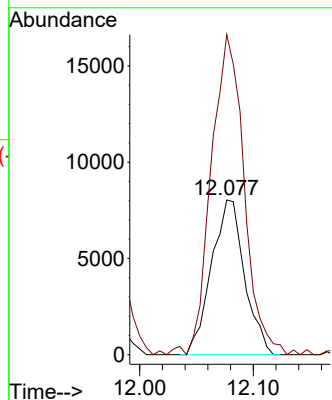
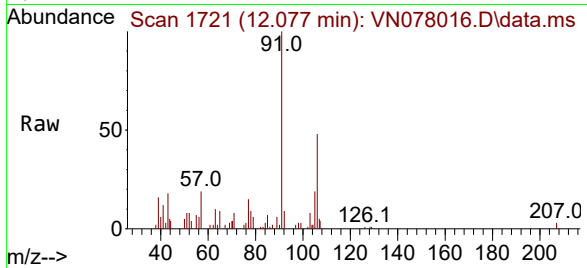




#68
m/p-Xylenes
Concen: 1.567 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN078016.D
Acq: 01 Jun 2023 17:38

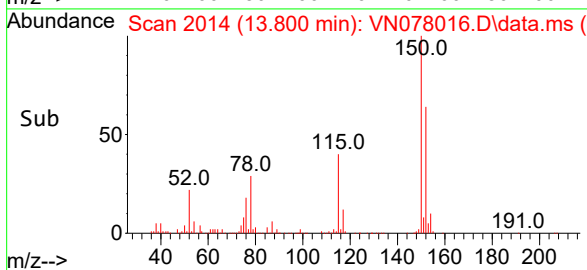
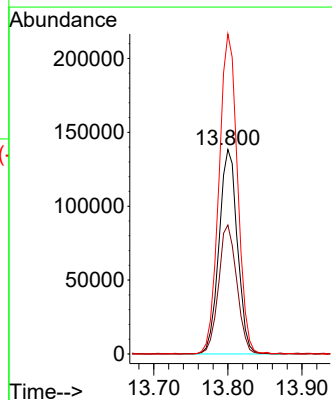
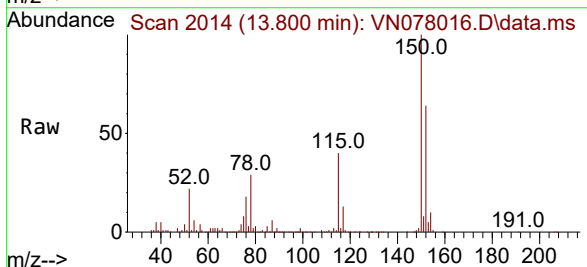
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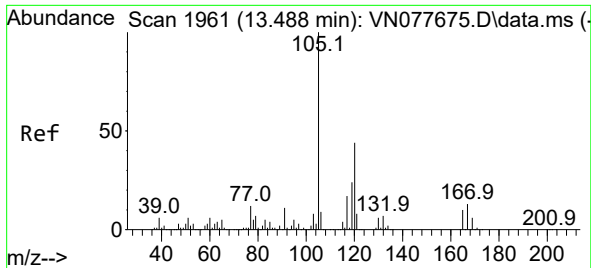
Tgt Ion:106 Resp: 16256
Ion Ratio Lower Upper
106 100
91 206.6 159.6 239.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078016.D
Acq: 01 Jun 2023 17:38

Tgt Ion:152 Resp: 238141
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 157.9 0.0 355.8





#84
 1,2,4-Trimethylbenzene
 Concen: 1.898 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078016.D
 Acq: 01 Jun 2023 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 ORA-0588DL

Tgt Ion:105 Resp: 32202
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.0 66.0

