

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041323\
 Data File : VN077338.D
 Acq On : 13 Apr 2023 19:06
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 14 07:26:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

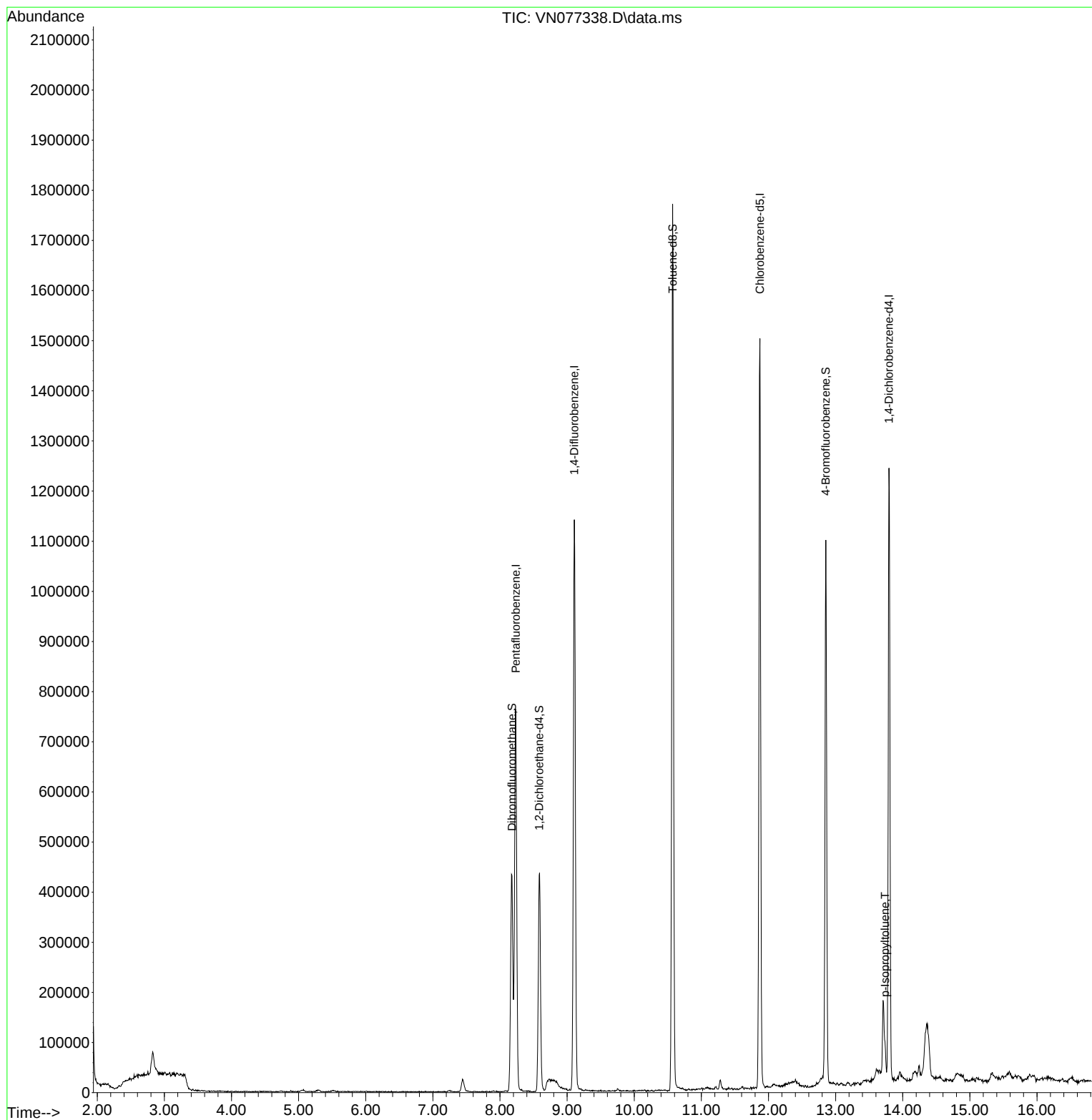
Internal Standards						
1) Pentafluorobenzene	8.236	168	546443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1044071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	898009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	334141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	343726	46.024	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.040%
35) Dibromofluoromethane	8.178	113	317220	47.461	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.920%
50) Toluene-d8	10.572	98	1263118	46.944	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.880%
62) 4-Bromofluorobenzene	12.854	95	375624	41.974	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.940%
Target Compounds						
86) p-Isopropyltoluene	13.736	119	37463	1.482	ug/l	Qvalue # 74

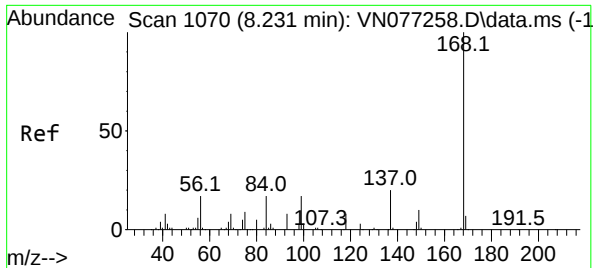
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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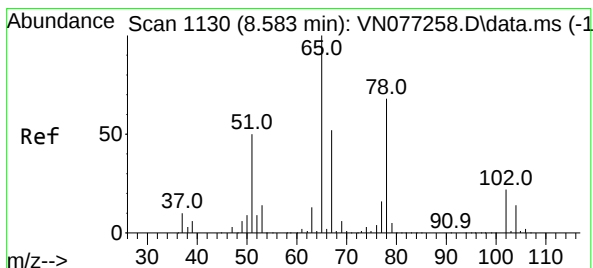
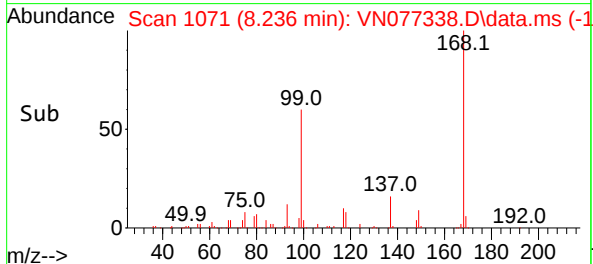
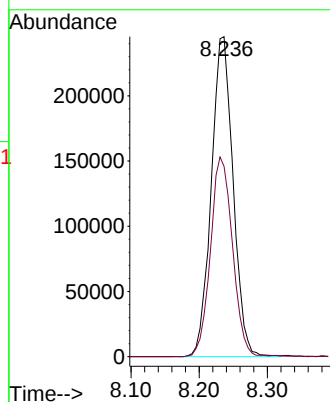
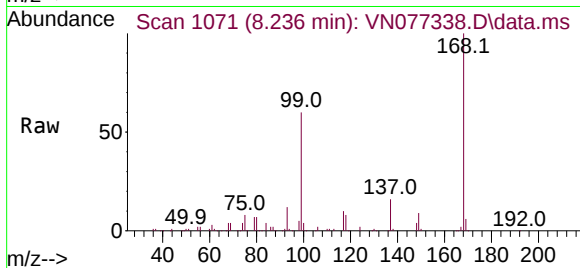




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1107
Delta R.T. 0.005 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

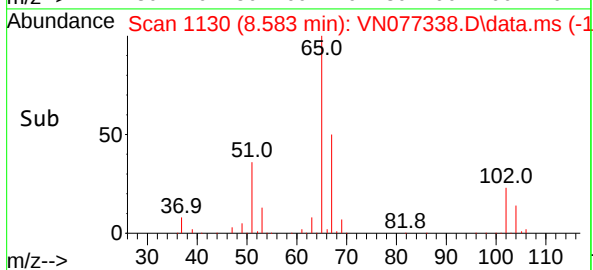
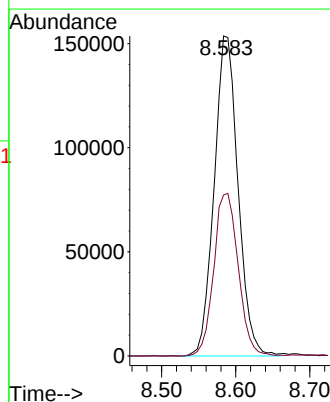
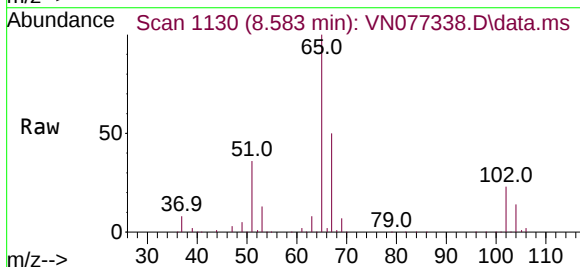
Instrument :
MSVOA_N
ClientSampleId :
IBLK

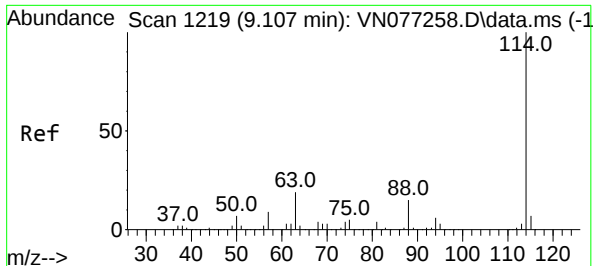
Tgt Ion:168 Resp: 546443
Ion Ratio Lower Upper
168 100
99 59.5 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 46.024 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

Tgt Ion: 65 Resp: 343726
Ion Ratio Lower Upper
65 100
67 52.1 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077338.D

Acq: 13 Apr 2023 19:06

Instrument :

MSVOA_N

ClientSampleId :

IBLK

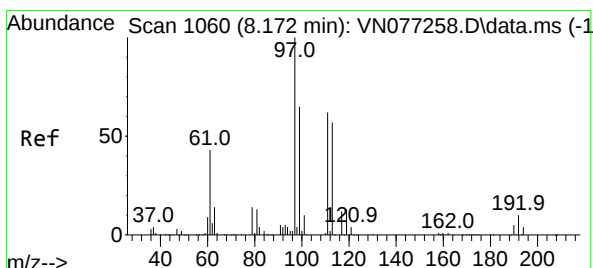
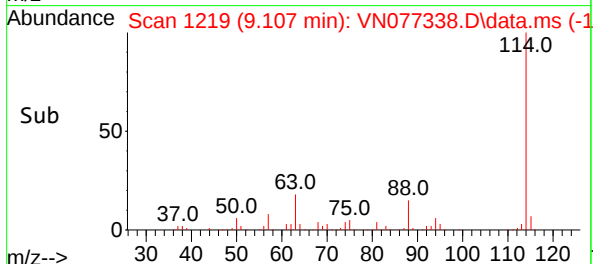
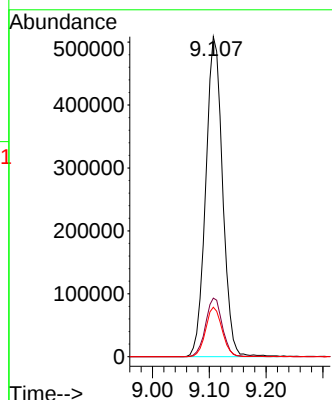
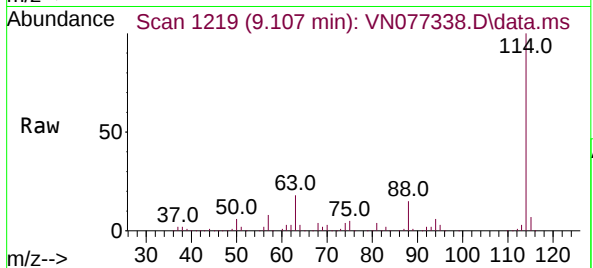
Tgt Ion:114 Resp: 1044071

Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.8

88 15.4 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.461 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN077338.D

Acq: 13 Apr 2023 19:06

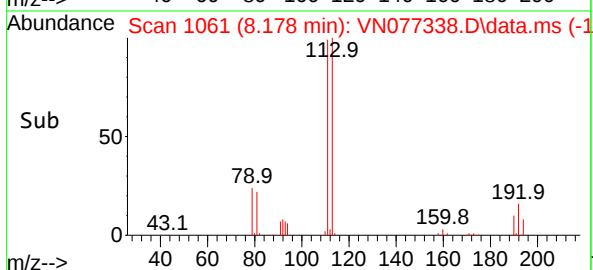
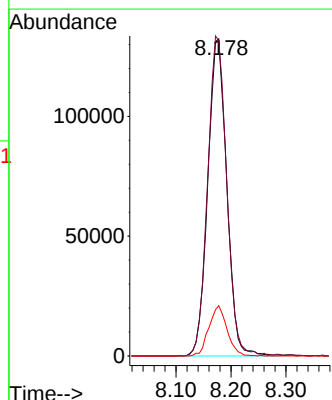
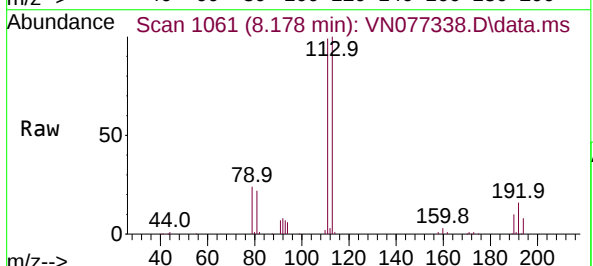
Tgt Ion:113 Resp: 317220

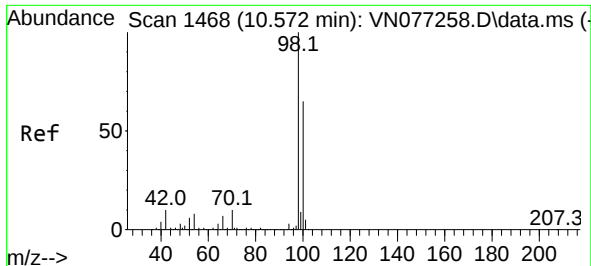
Ion Ratio Lower Upper

113 100

111 101.7 83.4 125.0

192 15.2 13.5 20.3

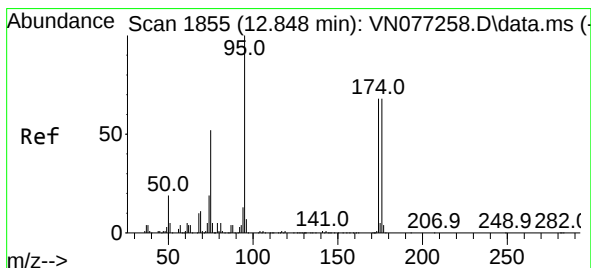
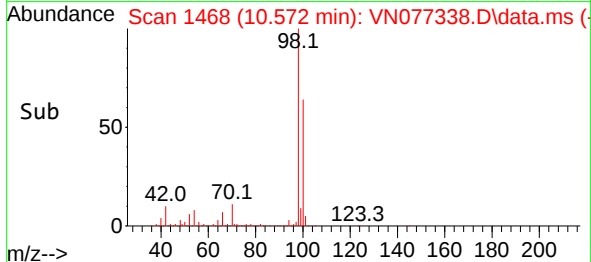
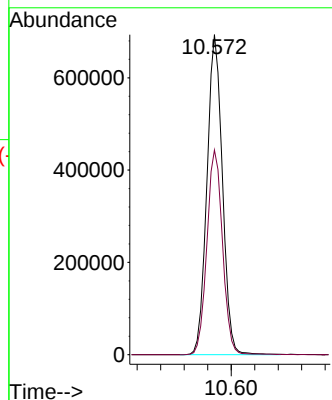
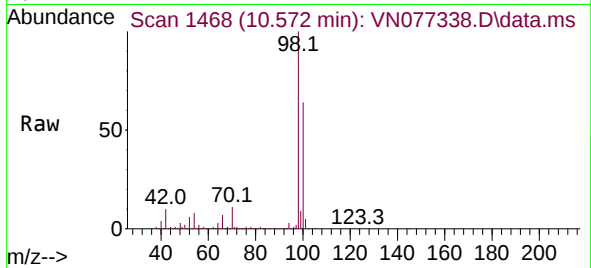




#50
Toluene-d8
Concen: 46.944 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

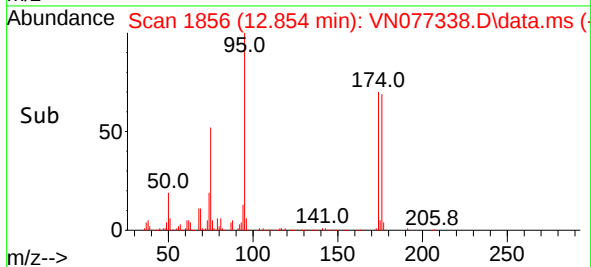
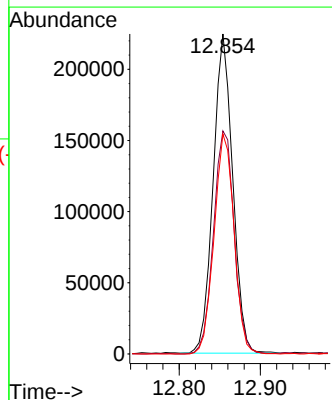
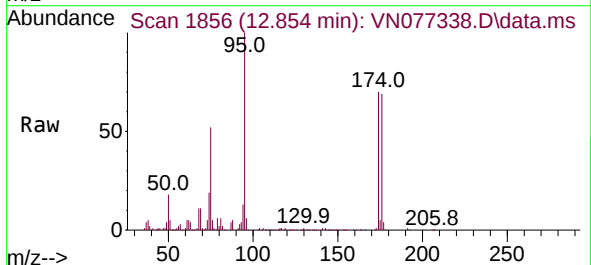
Instrument :
MSVOA_N
ClientSampleId :
IBLK

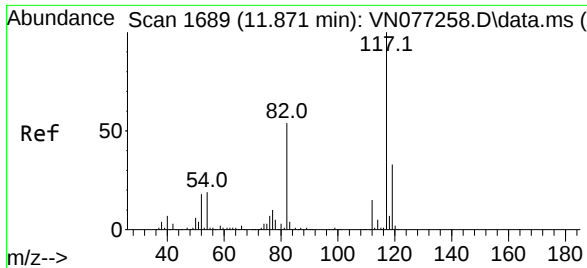
Tgt Ion: 98 Resp: 1263118
Ion Ratio Lower Upper
98 100
100 64.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 41.974 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

Tgt Ion: 95 Resp: 375624
Ion Ratio Lower Upper
95 100
174 73.9 0.0 146.8
176 70.6 0.0 139.6

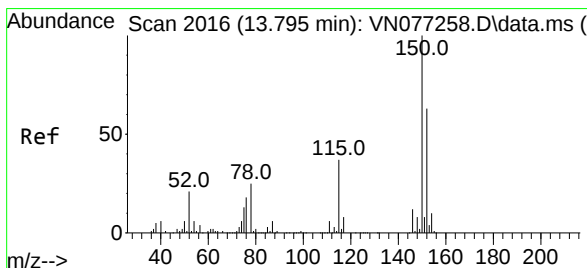
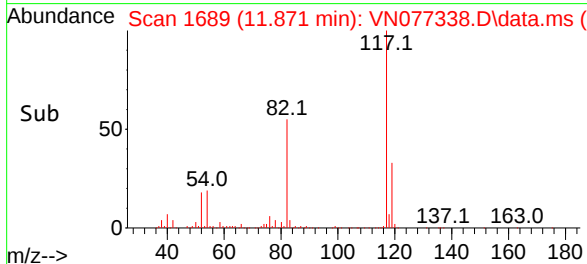
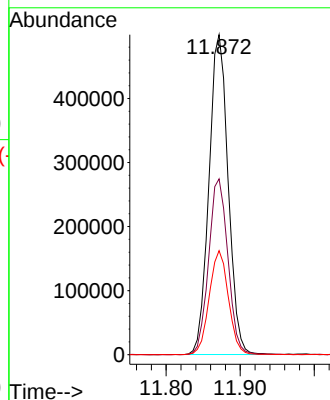
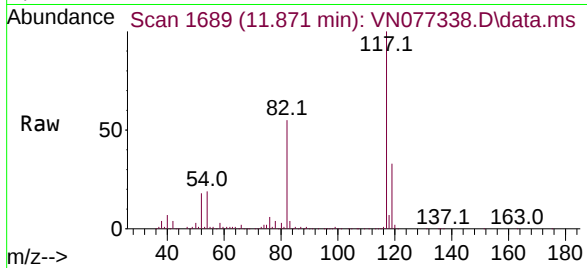




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

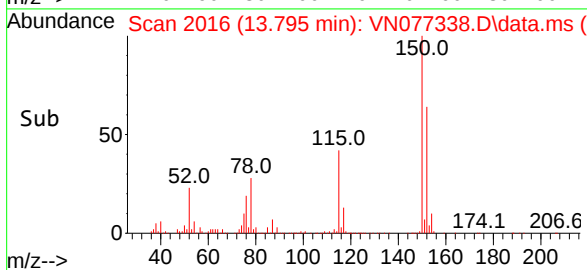
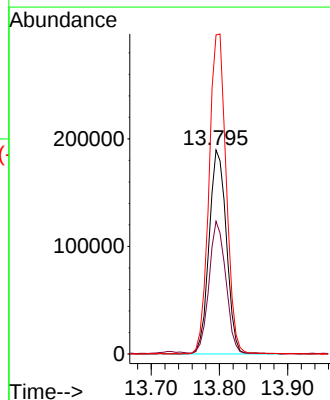
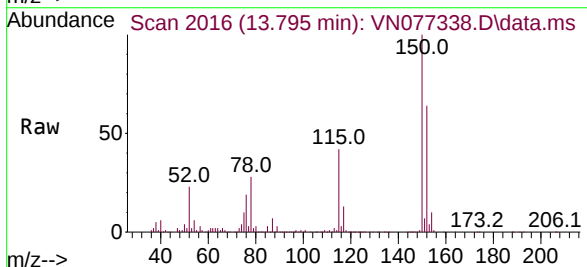
Instrument :
MSVOA_N
ClientSampleId :
IBLK

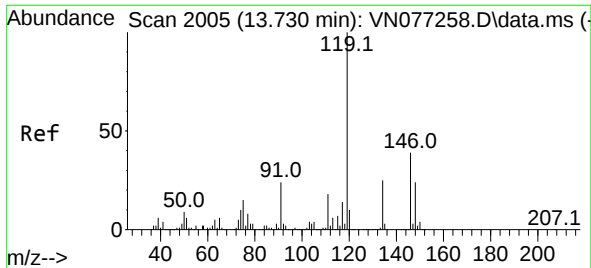
Tgt Ion:117 Resp: 898009
Ion Ratio Lower Upper
117 100
82 55.0 42.9 64.3
119 32.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

Tgt Ion:152 Resp: 334141
Ion Ratio Lower Upper
152 100
115 63.3 32.1 96.3
150 156.5 0.0 354.8





#86
 p-Isopropyltoluene
 Concen: 1.482 ug/l
 RT: 13.736 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN077338.D
 Acq: 13 Apr 2023 19:06

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	12.9	38.6
91	0.0	12.3	36.8

