

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077117.D
 Acq On : 22 Mar 2023 19:01
 Operator : JC\MD
 Sample : 01849-05
 Misc : 13.24 g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-10-25.0-030823

Quant Time: Mar 22 23:27:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

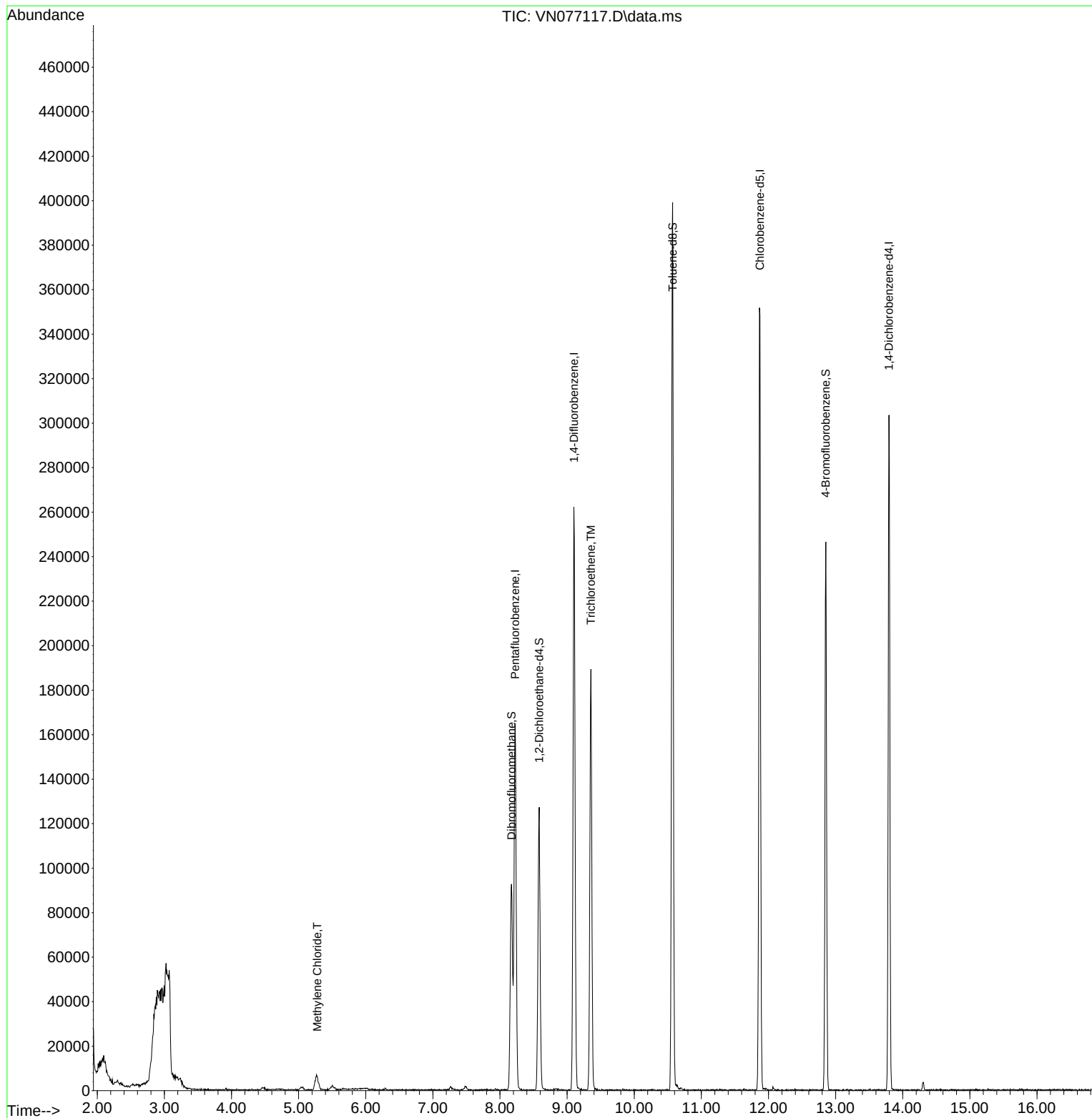
Internal Standards						
1) Pentafluorobenzene	8.225	168	104964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	198112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	178730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	68297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	99947	59.612	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.220%
35) Dibromofluoromethane	8.172	113	65470	47.189	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.380%
50) Toluene-d8	10.572	98	257629	51.983	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.960%
62) 4-Bromofluorobenzene	12.854	95	75833	43.302	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.600%
Target Compounds						
20) Methylene Chloride	5.278	84	5466	3.371	ug/l	95
44) Trichloroethene	9.354	130	59272	39.264	ug/l	93

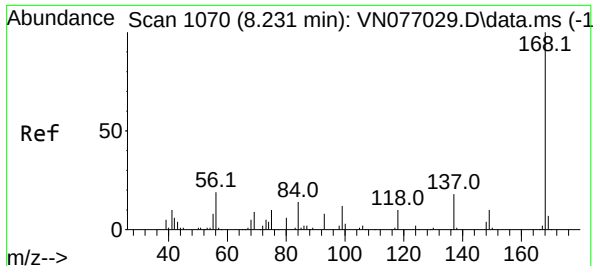
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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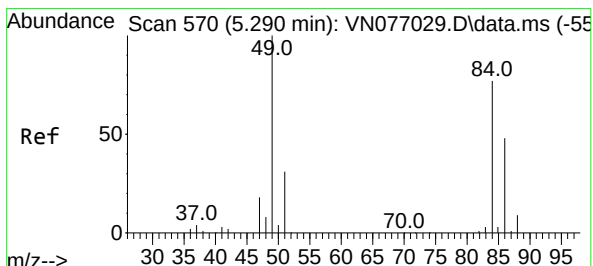
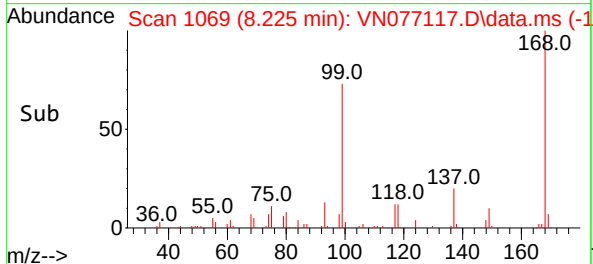
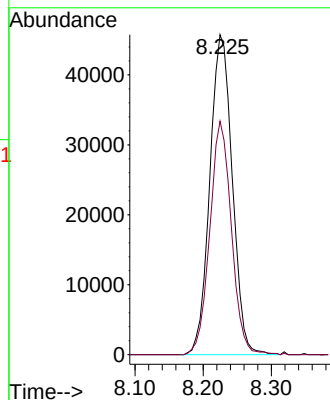
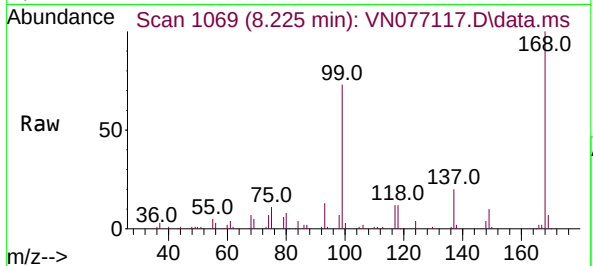




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.225 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077117.D
Acq: 22 Mar 2023 19:01

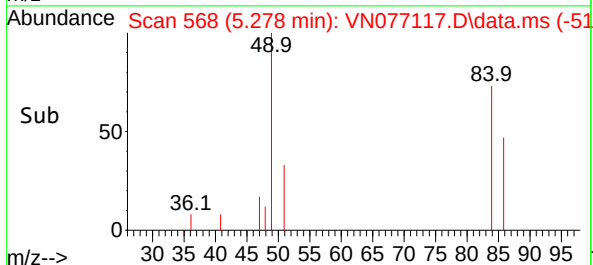
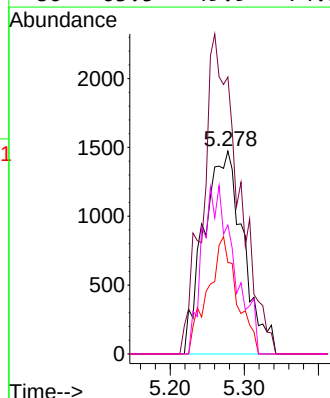
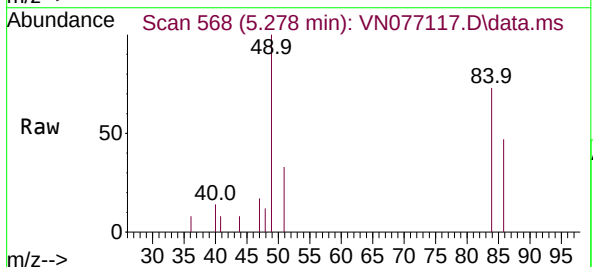
Instrument :
MSVOA_N
ClientSampleId :
CB-10-25.0-030823

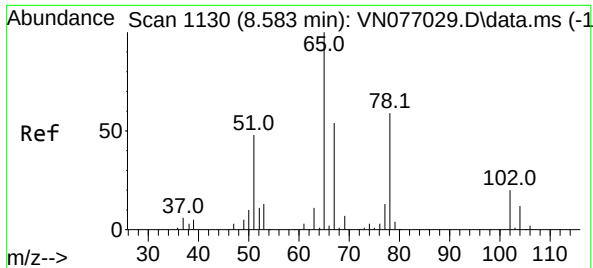
Tgt Ion:168 Resp: 104964
Ion Ratio Lower Upper
168 100
99 72.9 53.9 80.9



#20
Methylene Chloride
Concen: 3.371 ug/l
RT: 5.278 min Scan# 568
Delta R.T. -0.012 min
Lab File: VN077117.D
Acq: 22 Mar 2023 19:01

Tgt Ion: 84 Resp: 5466
Ion Ratio Lower Upper
84 100
49 136.6 103.8 155.6
51 45.1 32.3 48.5
86 63.5 49.9 74.9





#33

1,2-Dichloroethane-d4

Concen: 59.612 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077117.D

Acq: 22 Mar 2023 19:01

Instrument :

MSVOA_N

ClientSampleId :

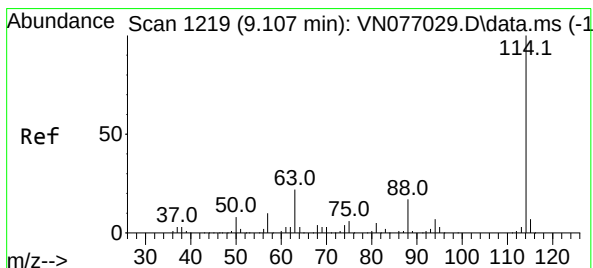
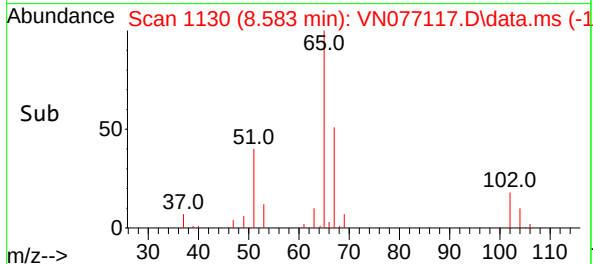
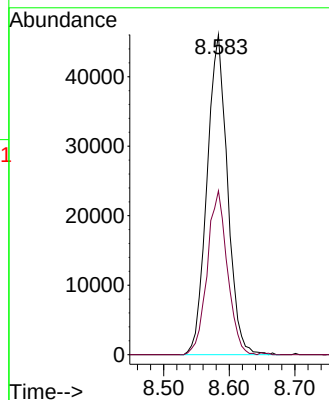
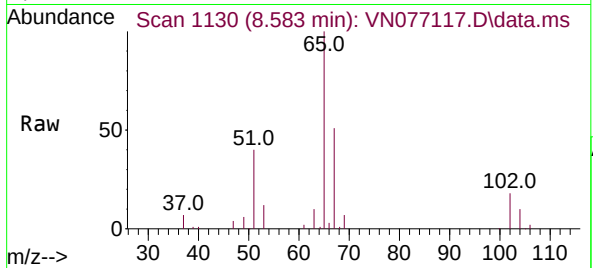
CB-10-25.0-030823

Tgt Ion: 65 Resp: 99947

Ion Ratio Lower Upper

65 100

67 50.2 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077117.D

Acq: 22 Mar 2023 19:01

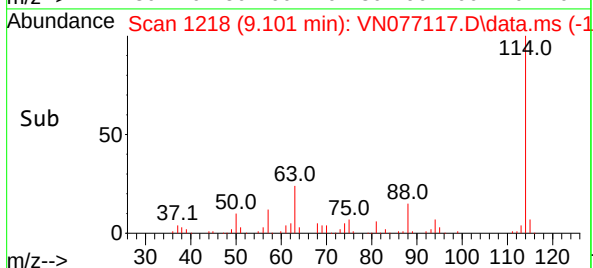
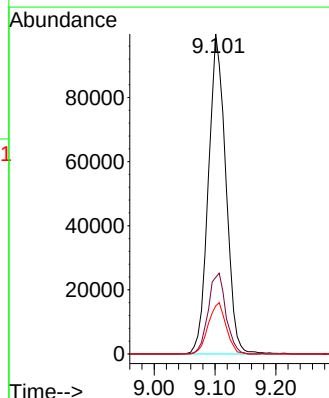
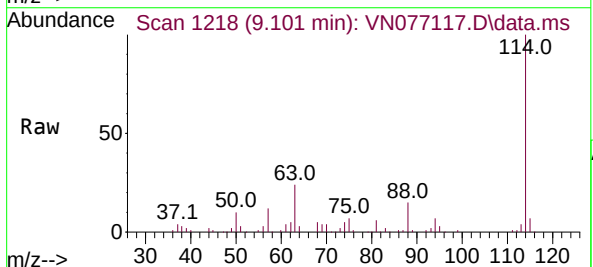
Tgt Ion: 114 Resp: 198112

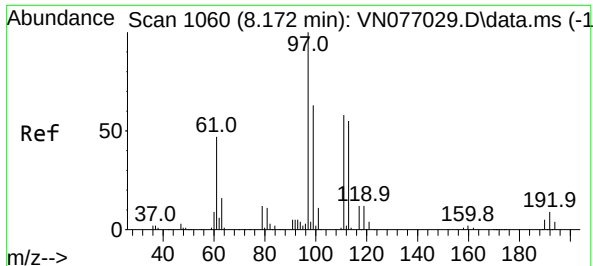
Ion Ratio Lower Upper

114 100

63 24.0 0.0 44.6

88 15.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 47.189 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077117.D

Acq: 22 Mar 2023 19:01

Instrument :

MSVOA_N

ClientSampleId :

CB-10-25.0-030823

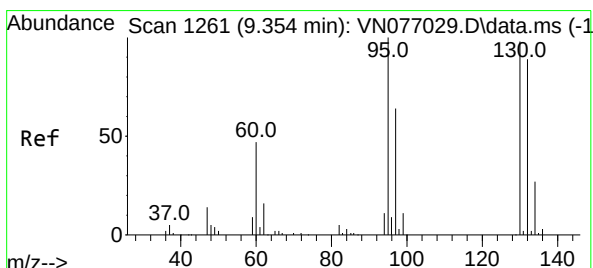
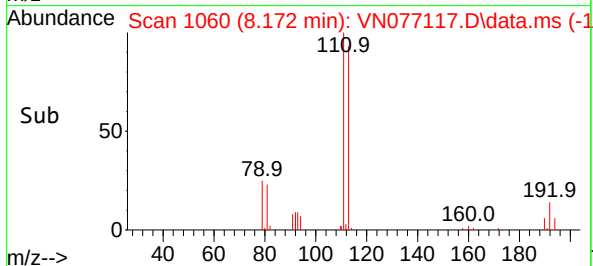
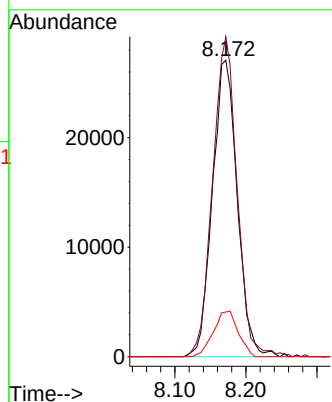
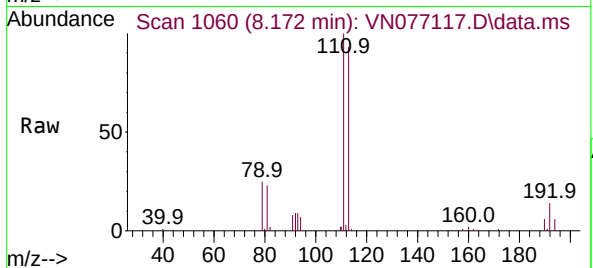
Tgt Ion:113 Resp: 65470

Ion Ratio Lower Upper

113 100

111 106.7 82.2 123.2

192 15.4 13.0 19.6



#44

Trichloroethene

Concen: 39.264 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VN077117.D

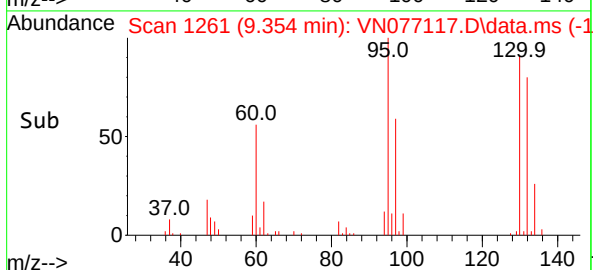
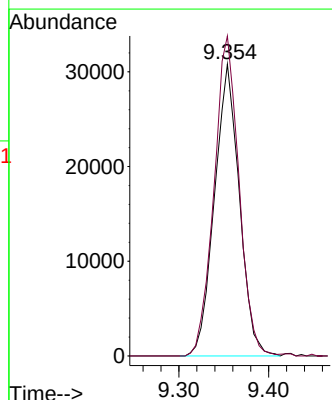
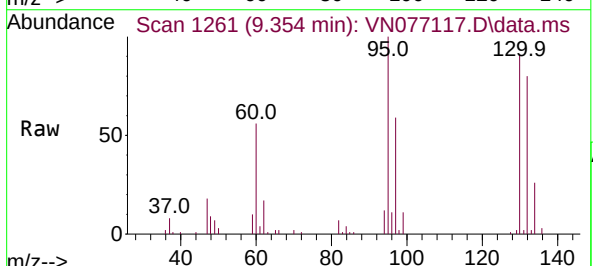
Acq: 22 Mar 2023 19:01

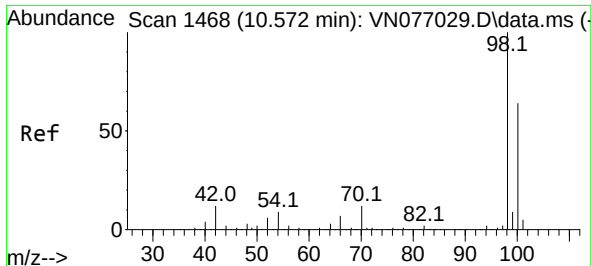
Tgt Ion:130 Resp: 59272

Ion Ratio Lower Upper

130 100

95 109.7 0.0 204.4

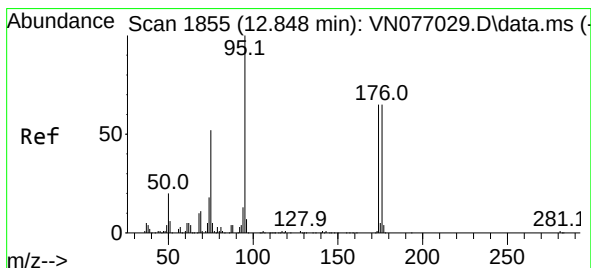
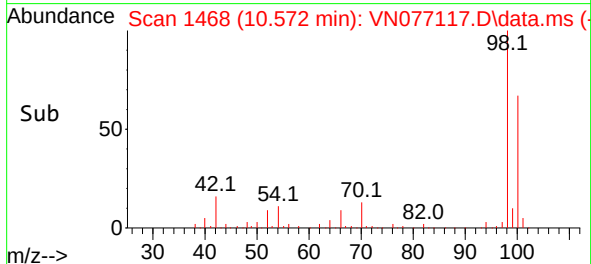
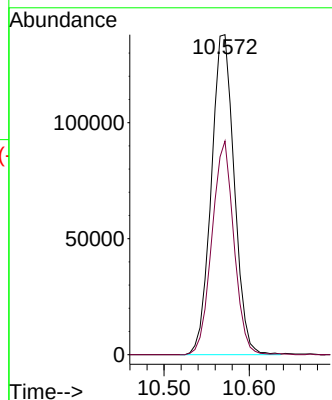
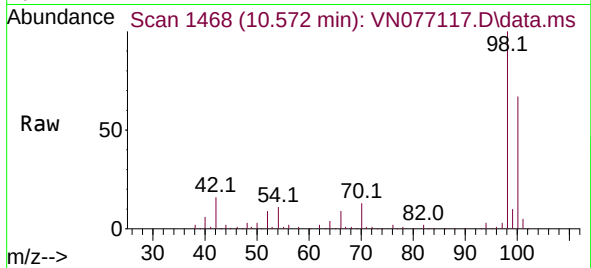




#50
Toluene-d8
Concen: 51.983 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077117.D
Acq: 22 Mar 2023 19:01

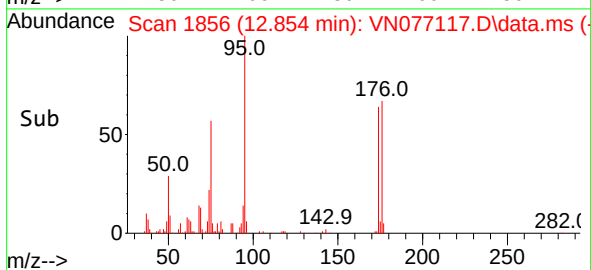
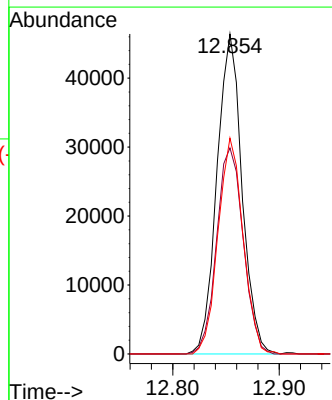
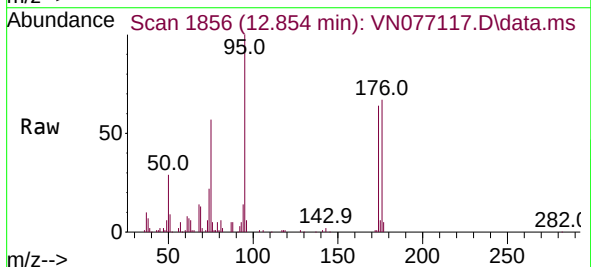
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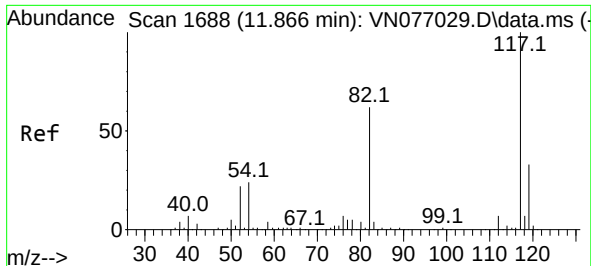
Tgt Ion: 98 Resp: 257629
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.302 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077117.D
Acq: 22 Mar 2023 19:01

Tgt Ion: 95 Resp: 75833
Ion Ratio Lower Upper
95 100
174 68.2 0.0 136.6
176 67.3 0.0 130.0

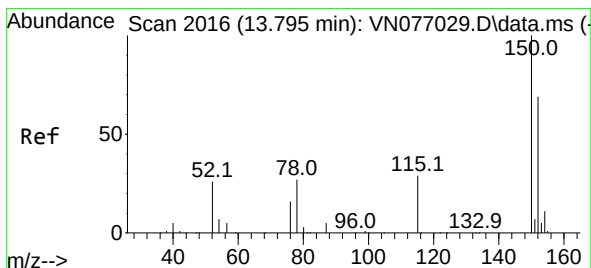
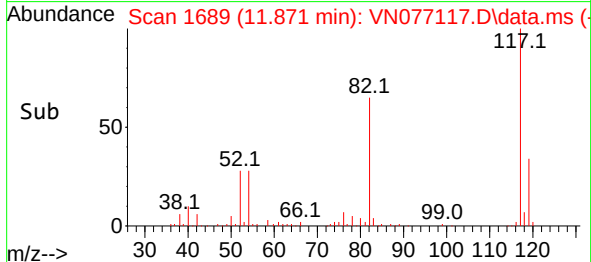
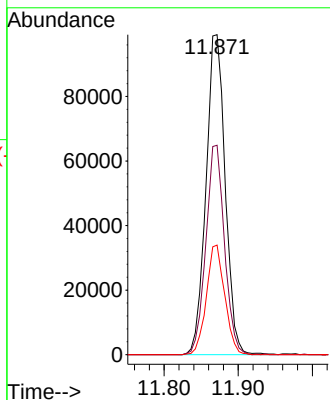
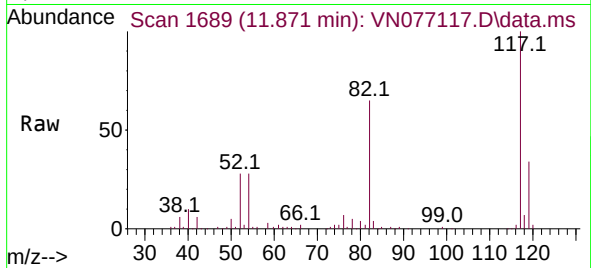




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN077117.D
Acq: 22 Mar 2023 19:01

Instrument :
MSVOA_N
ClientSampleId :
CB-10-25.0-030823

Tgt Ion:117 Resp: 178730
Ion Ratio Lower Upper
117 100
82 65.4 49.4 74.0
119 34.2 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077117.D
Acq: 22 Mar 2023 19:01

Tgt Ion:152 Resp: 68297
Ion Ratio Lower Upper
152 100
115 66.0 31.9 95.7
150 157.6 0.0 348.0

