

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077399.D
 Acq On : 20 Apr 2023 14:45
 Operator : JC\MD
 Sample : 02389-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPB-3WC-23-04-17

Quant Time: Apr 21 02:39:56 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)

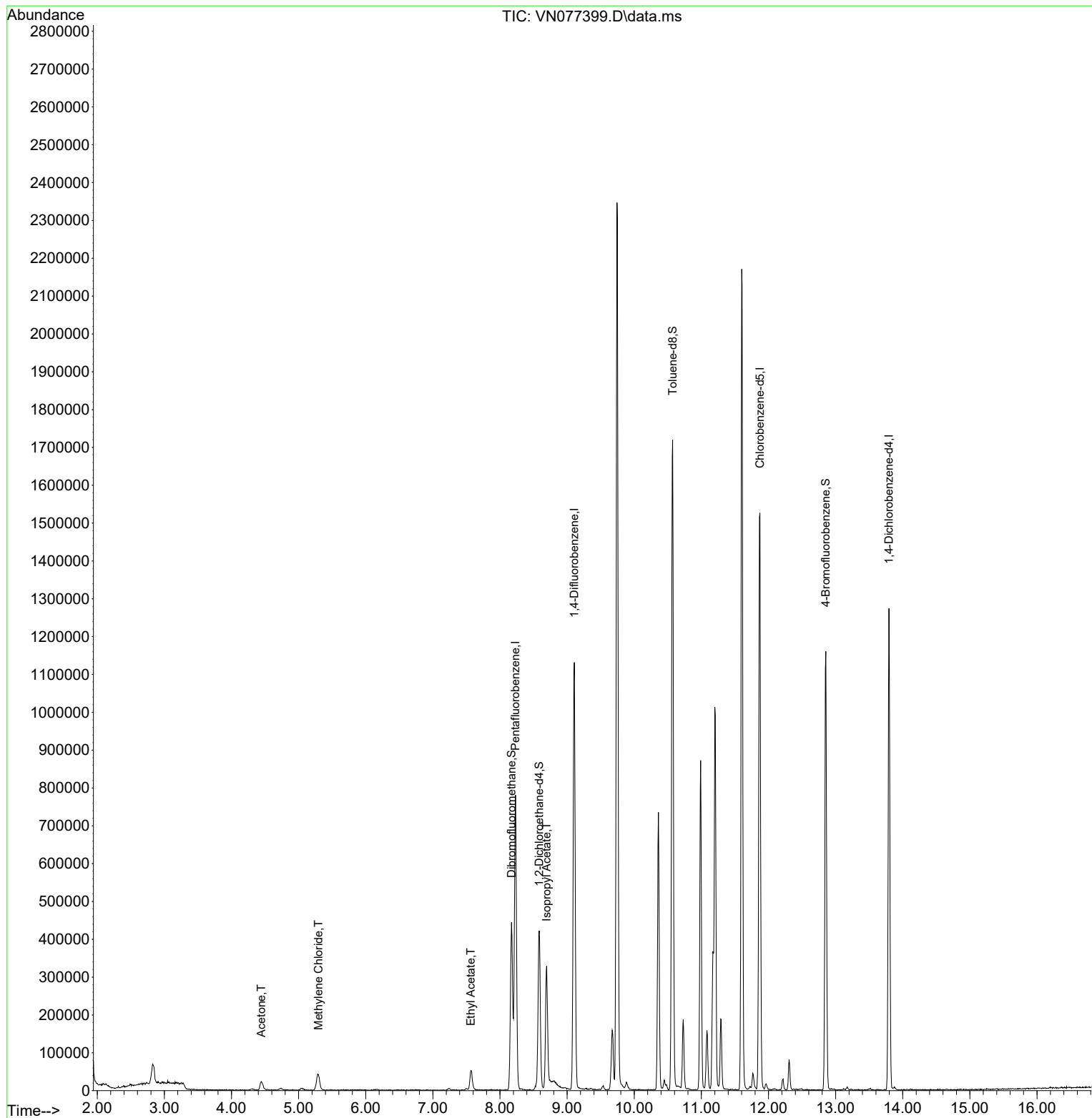
Internal Standards						
1) Pentafluorobenzene	8.231	168	549184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1039479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	948614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	336269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	345933	46.088	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.180%
35) Dibromofluoromethane	8.172	113	316652	47.585	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.180%
50) Toluene-d8	10.572	98	1266151	47.265	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.520%
62) 4-Bromofluorobenzene	12.854	95	417059	46.811	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.620%
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	41731	15.079	ug/l	94
20) Methylene Chloride	5.296	84	37167	4.755	ug/l	93
37) Ethyl Acetate	7.566	43	75134	8.532	ug/l #	93
43) Isopropyl Acetate	8.695	43	368124	22.656	ug/l #	92

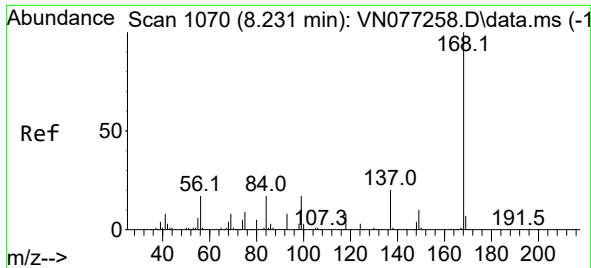
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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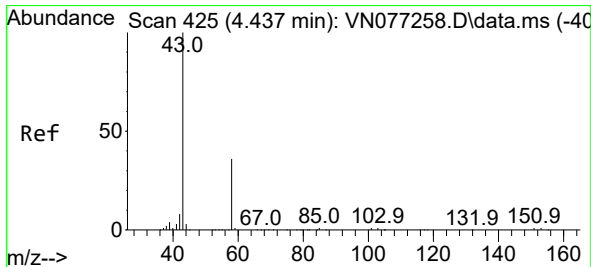
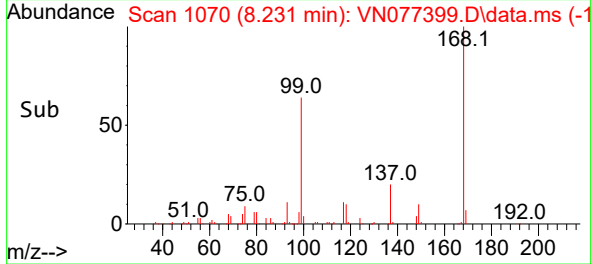
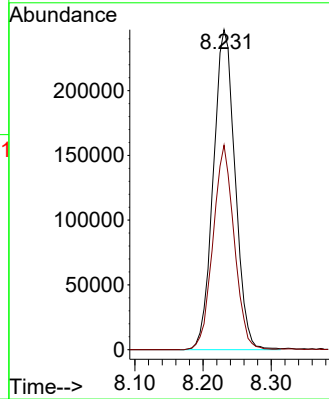
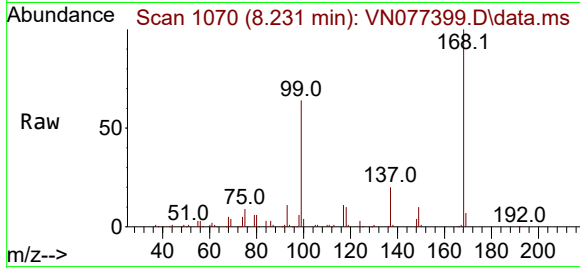




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077399.D
Acq: 20 Apr 2023 14:45

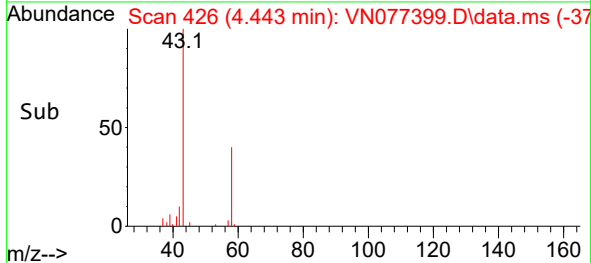
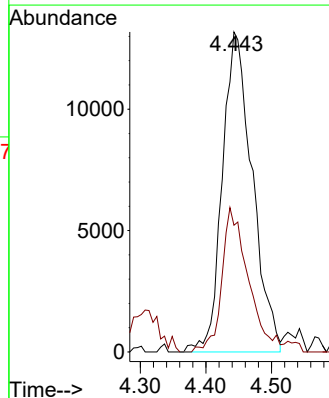
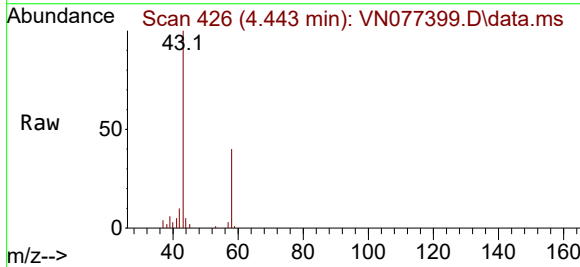
Instrument :
MSVOA_N
ClientSampleId :
SPB-3WC-23-04-17

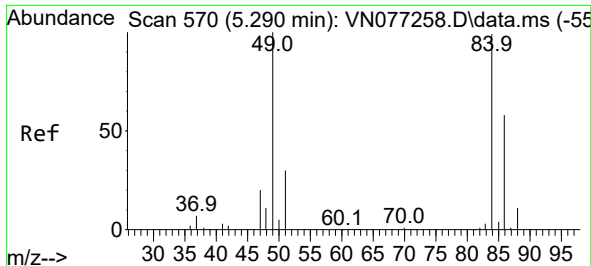
Tgt Ion:168 Resp: 549184
Ion Ratio Lower Upper
168 100
99 63.9 50.6 75.8



#16
Acetone
Concen: 15.079 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077399.D
Acq: 20 Apr 2023 14:45

Tgt Ion: 43 Resp: 41731
Ion Ratio Lower Upper
43 100
58 39.6 29.0 43.6

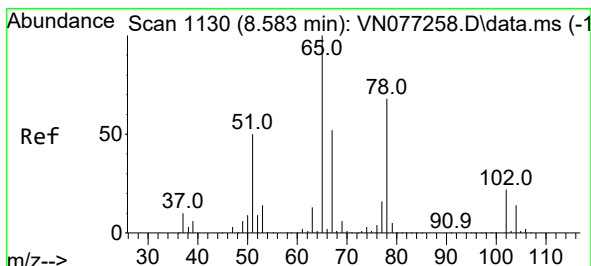
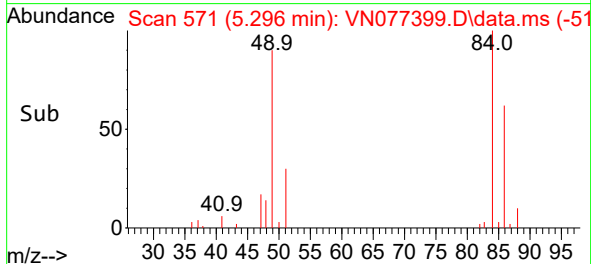
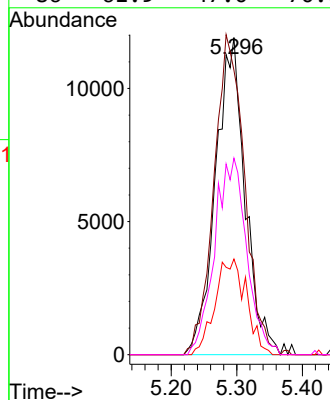
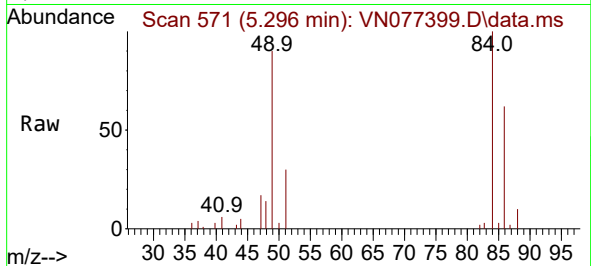




#20
Methylene Chloride
Concen: 4.755 ug/l
RT: 5.296 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077399.D
Acq: 20 Apr 2023 14:45

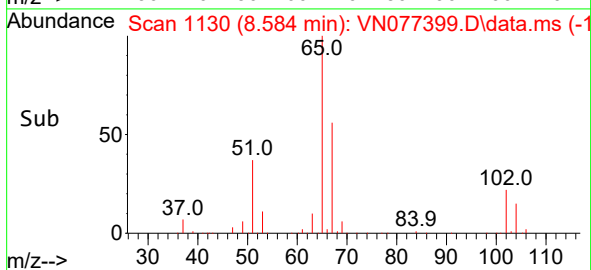
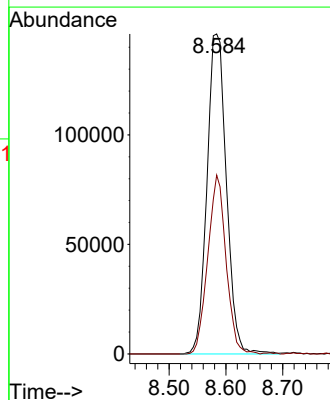
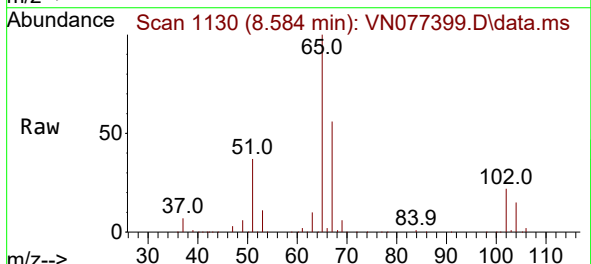
Instrument :
MSVOA_N
ClientSampleId :
SPB-3WC-23-04-17

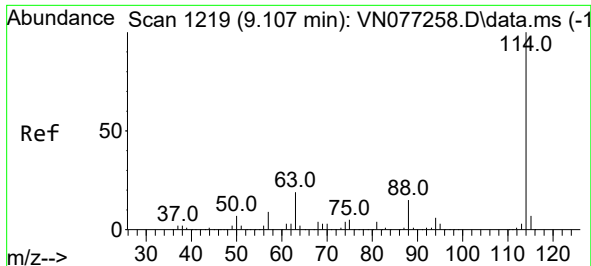
Tgt Ion:	84	Resp:	37167
Ion	Ratio	Lower	Upper
84	100		
49	89.7	80.6	121.0
51	30.2	24.4	36.6
86	61.9	47.0	70.6



#33
1,2-Dichloroethane-d4
Concen: 46.088 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077399.D
Acq: 20 Apr 2023 14:45

Tgt Ion:	65	Resp:	345933
Ion	Ratio	Lower	Upper
65	100		
67	52.5	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: VN077399.D

Acq: 20 Apr 2023 14:45

Instrument :

MSVOA_N

ClientSampleId :

SPB-3WC-23-04-17

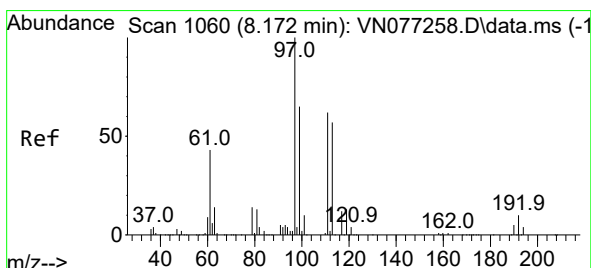
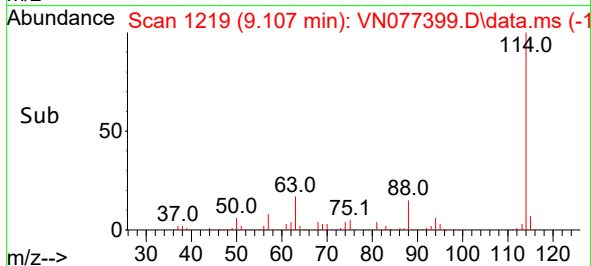
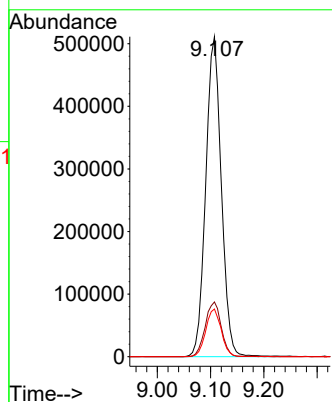
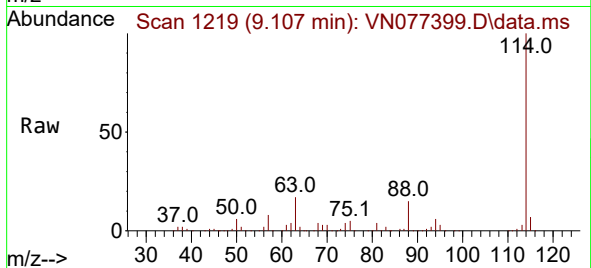
Tgt Ion:114 Resp: 1039479

Ion Ratio Lower Upper

114 100

63 17.1 0.0 37.8

88 14.9 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.585 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077399.D

Acq: 20 Apr 2023 14:45

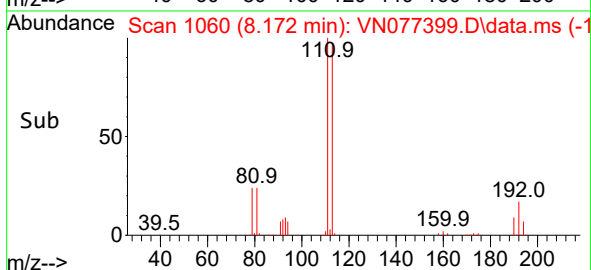
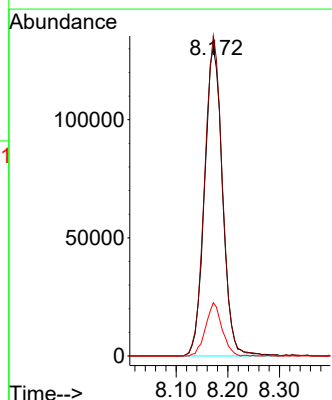
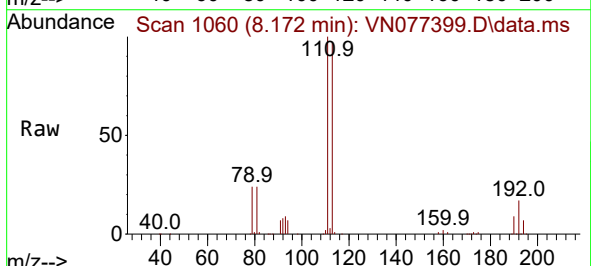
Tgt Ion:113 Resp: 316652

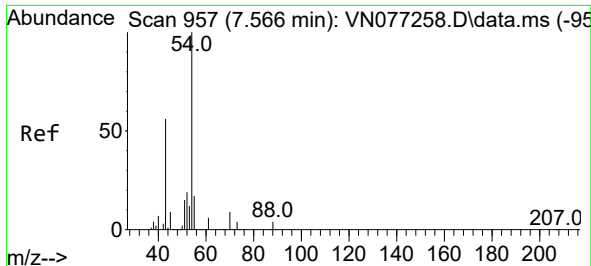
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.0

192 15.7 13.5 20.3

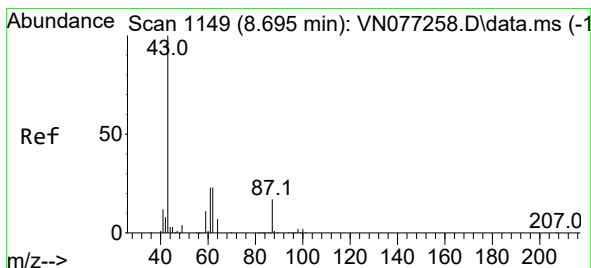
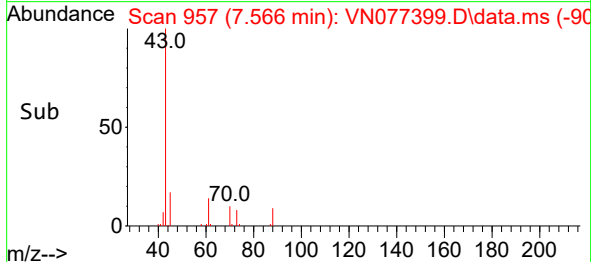
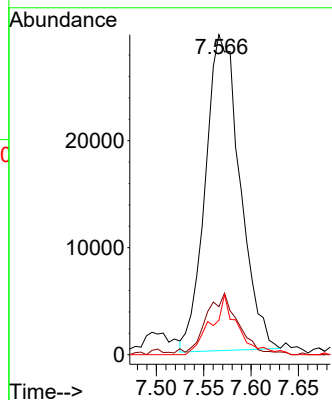
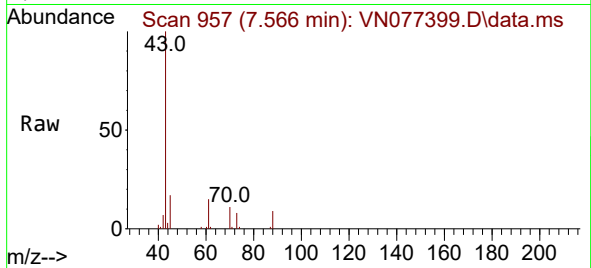




#37
Ethyl Acetate
Concen: 8.532 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077399.D
Acq: 20 Apr 2023 14:45

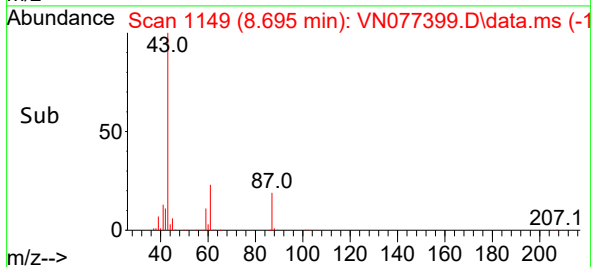
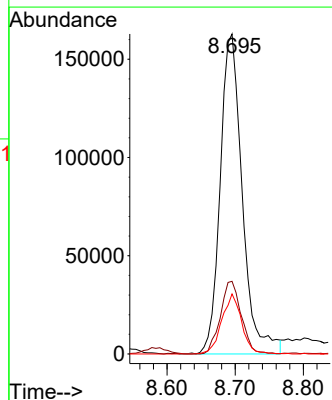
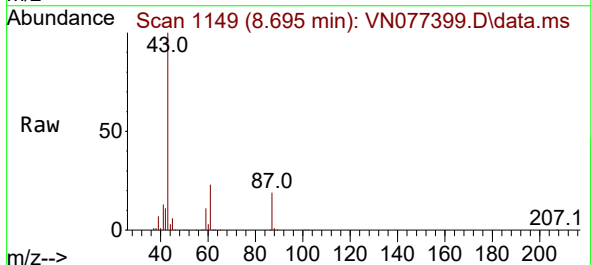
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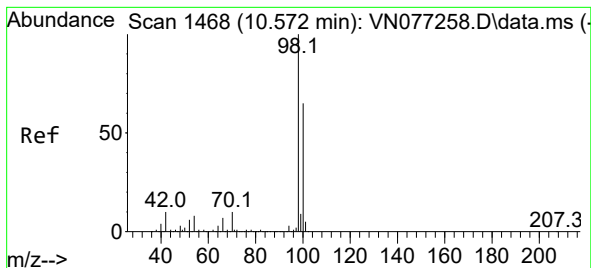
Tgt Ion: 43 Resp: 75134
Ion Ratio Lower Upper
43 100
61 18.3 12.2 18.2#
70 14.7 10.0 15.0



#43
Isopropyl Acetate
Concen: 22.656 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077399.D
Acq: 20 Apr 2023 14:45

Tgt Ion: 43 Resp: 368124
Ion Ratio Lower Upper
43 100
61 21.5 22.7 34.1#
87 16.9 13.6 20.4

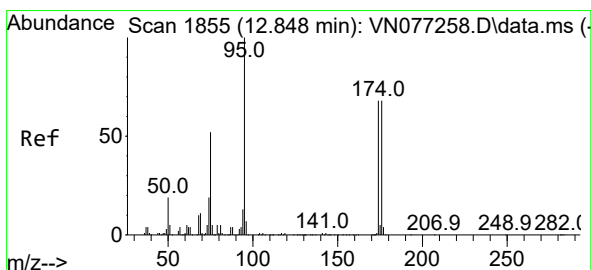
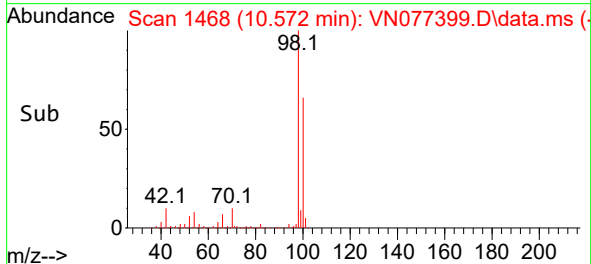
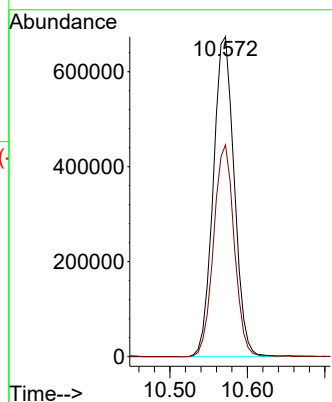
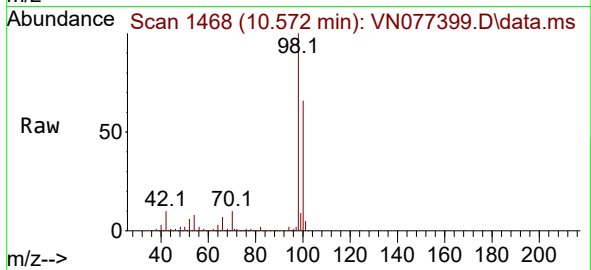




#50
Toluene-d8
Concen: 47.265 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077399.D
Acq: 20 Apr 2023 14:45

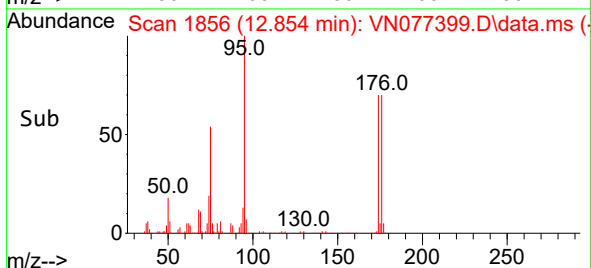
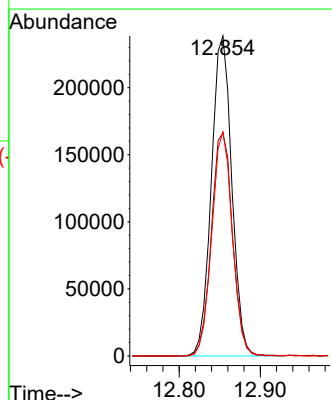
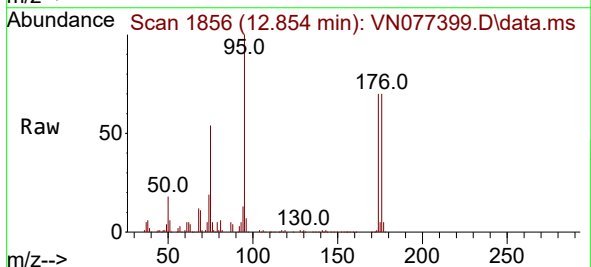
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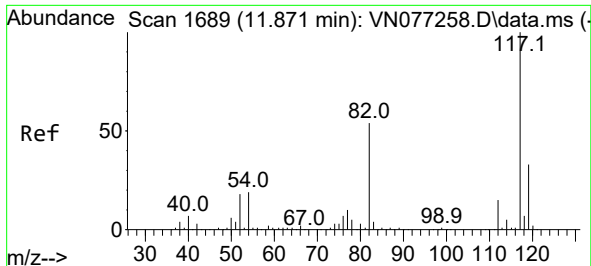
Tgt Ion: 98 Resp: 1266151
Ion Ratio Lower Upper
98 100
100 65.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 46.811 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077399.D
Acq: 20 Apr 2023 14:45

Tgt Ion: 95 Resp: 417059
Ion Ratio Lower Upper
95 100
174 72.2 0.0 146.8
176 70.1 0.0 139.6

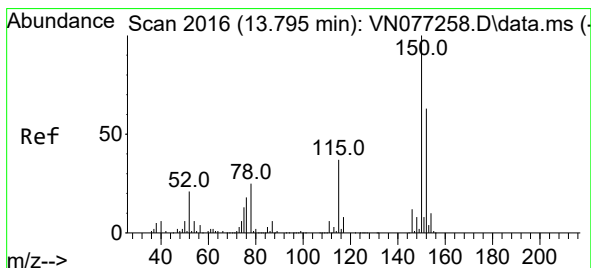
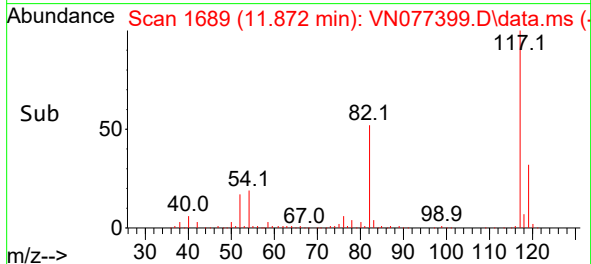
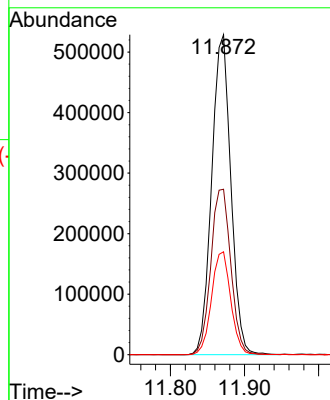
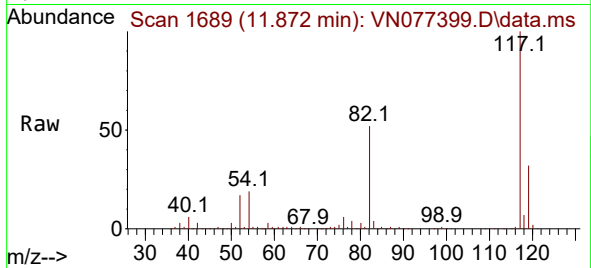




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077399.D
Acq: 20 Apr 2023 14:45

Instrument :
MSVOA_N
ClientSampleId :
SPB-3WC-23-04-17

Tgt Ion:117 Resp: 948614
Ion Ratio Lower Upper
117 100
82 51.7 42.9 64.3
119 32.1 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: VN077399.D
Acq: 20 Apr 2023 14:45

Tgt Ion:152 Resp: 336269
Ion Ratio Lower Upper
152 100
115 65.0 32.1 96.3
150 157.9 0.0 354.8

