

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041923\
 Data File : VN077385.D
 Acq On : 19 Apr 2023 19:11
 Operator : JC\MD
 Sample : PB152199ZHE#13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152199ZHE#13

Quant Time: Apr 20 04:28:04 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)

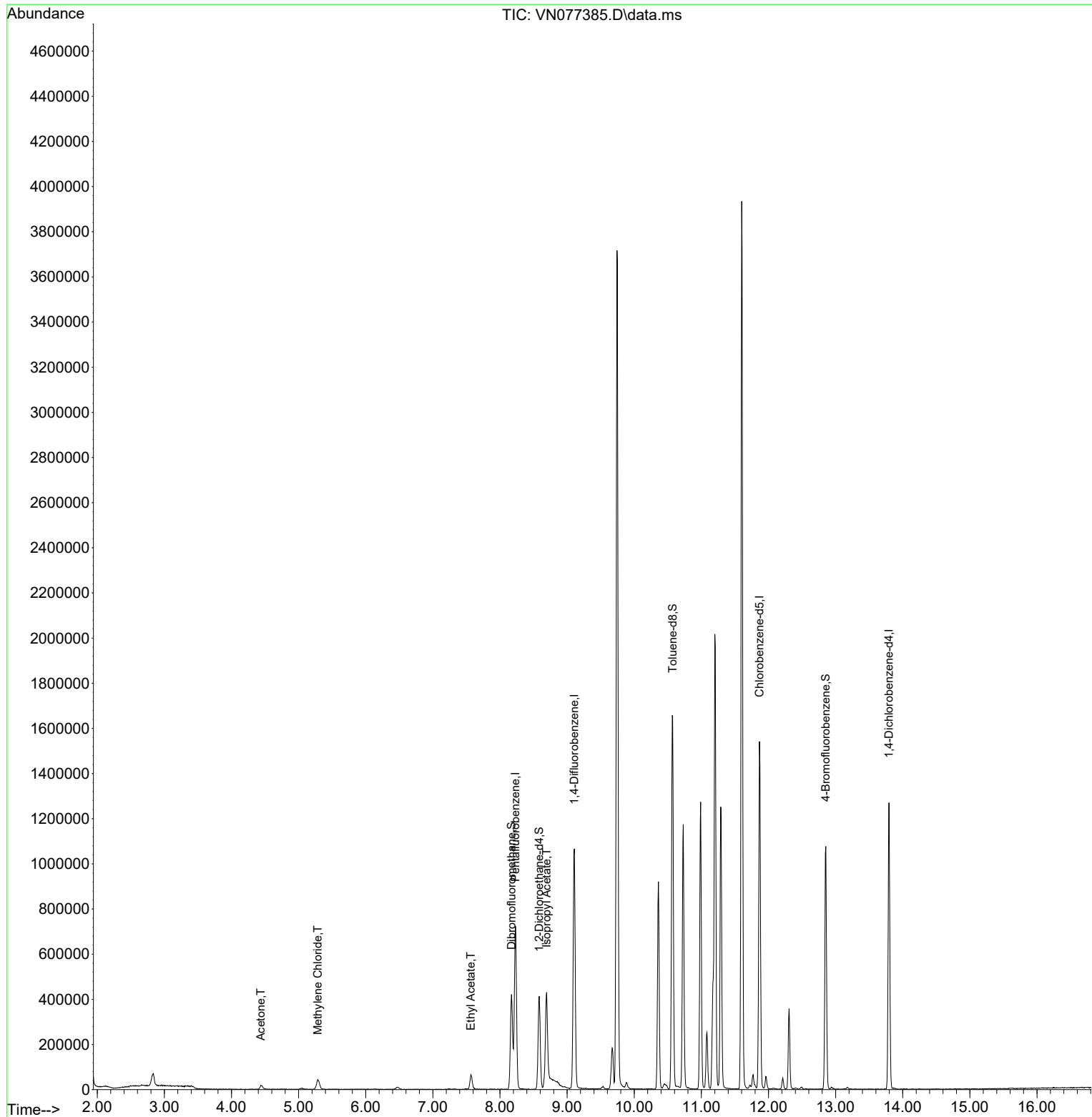
Internal Standards						
1) Pentafluorobenzene	8.231	168	527236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1001355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	921462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	333865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	328649	45.608	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.220%
35) Dibromofluoromethane	8.172	113	302984	47.265	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.520%
50) Toluene-d8	10.572	98	1234834	47.851	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.700%
62) 4-Bromofluorobenzene	12.854	95	385338	44.897	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.800%
Target Compounds						
					Qvalue	
16) Acetone	4.437	43	31520	11.864	ug/l	91
20) Methylene Chloride	5.284	84	35483	4.729	ug/l	98
37) Ethyl Acetate	7.566	43	90488	10.667	ug/l	96
43) Isopropyl Acetate	8.695	43	516797	33.017	ug/l #	86

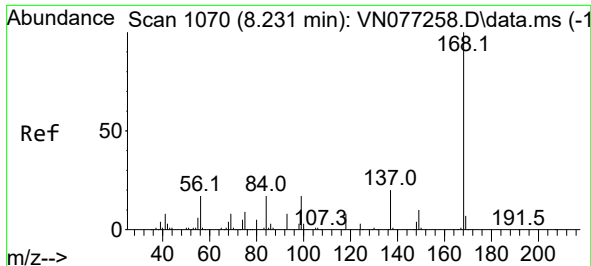
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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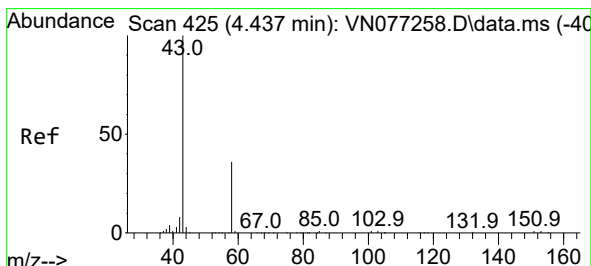
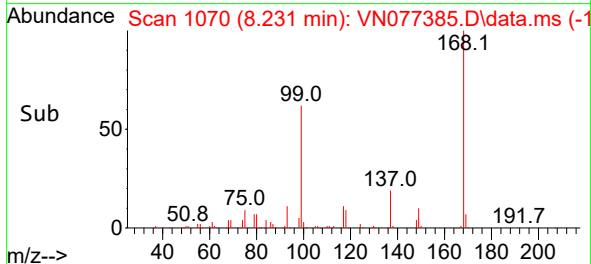
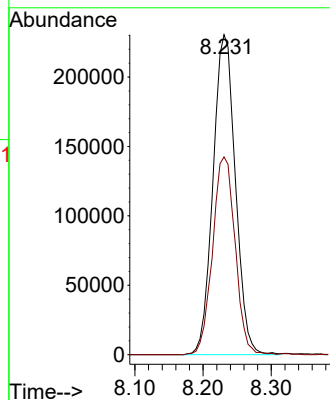
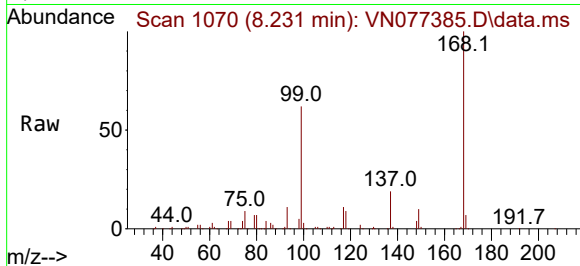




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077385.D
Acq: 19 Apr 2023 19:11

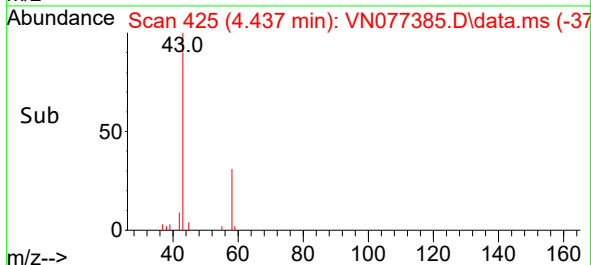
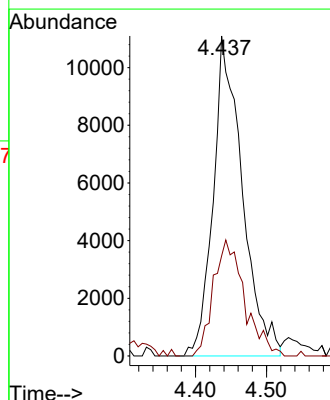
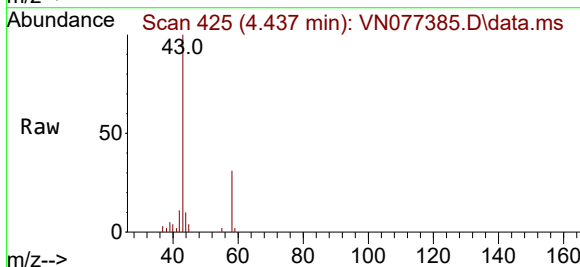
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#13

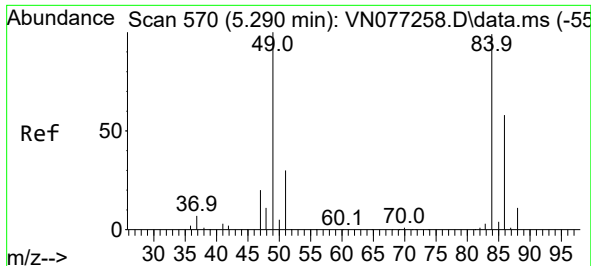
Tgt Ion:168 Resp: 527236
Ion Ratio Lower Upper
168 100
99 61.8 50.6 75.8



#16
Acetone
Concen: 11.864 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077385.D
Acq: 19 Apr 2023 19:11

Tgt Ion: 43 Resp: 31520
Ion Ratio Lower Upper
43 100
58 31.3 29.0 43.6

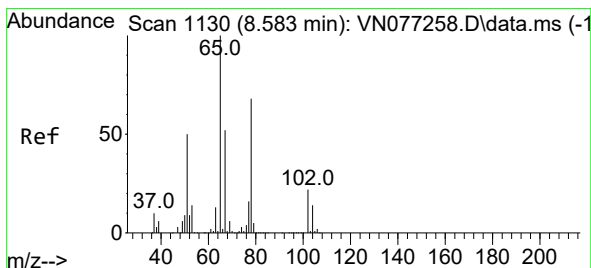
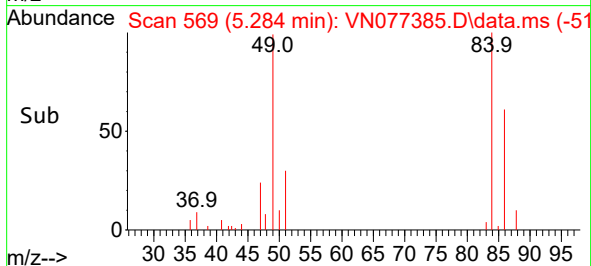
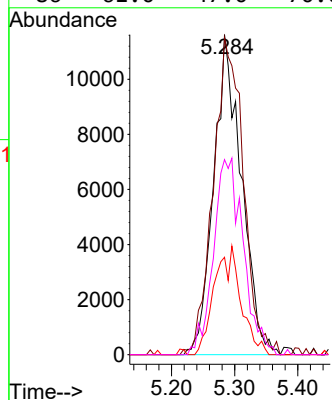
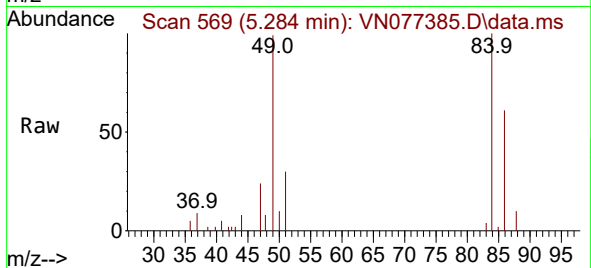




#20
Methylene Chloride
Concen: 4.729 ug/l
RT: 5.284 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN077385.D
Acq: 19 Apr 2023 19:11

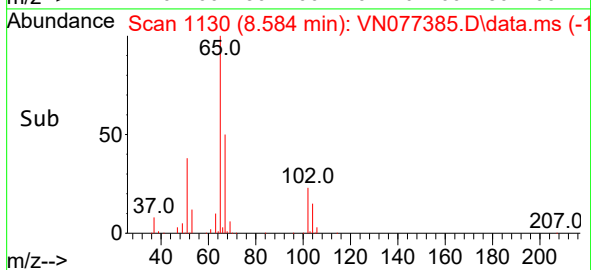
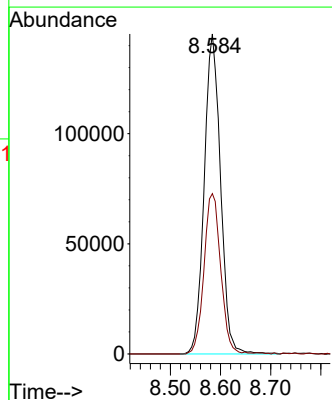
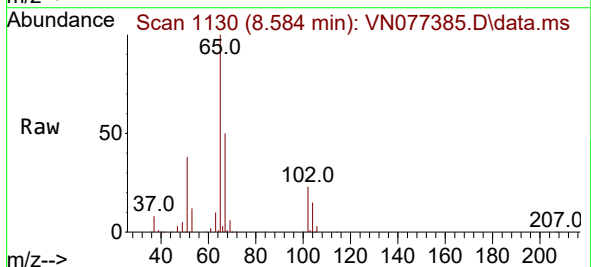
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#13

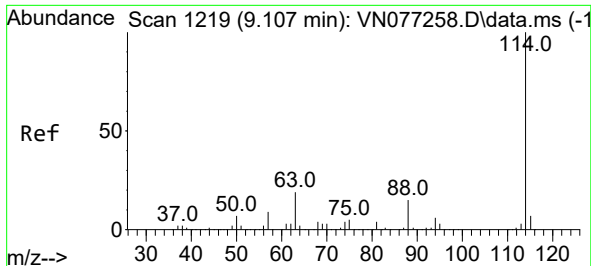
Tgt Ion:	84	Resp:	35483
Ion	Ratio	Lower	Upper
84	100		
49	99.1	80.6	121.0
51	30.4	24.4	36.6
86	61.0	47.0	70.6



#33
1,2-Dichloroethane-d4
Concen: 45.608 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077385.D
Acq: 19 Apr 2023 19:11

Tgt Ion:	65	Resp:	328649
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077385.D

Acq: 19 Apr 2023 19:11

Instrument :

MSVOA_N

ClientSampleId :

PB152199ZHE#13

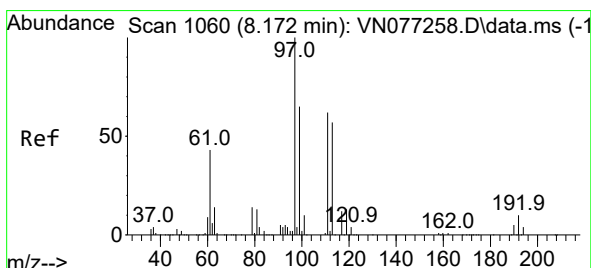
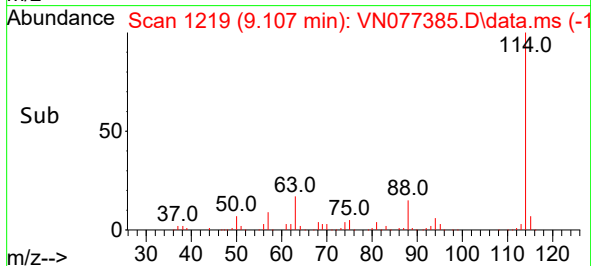
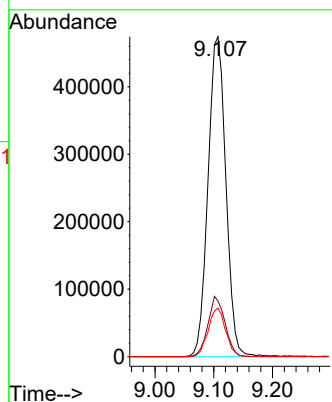
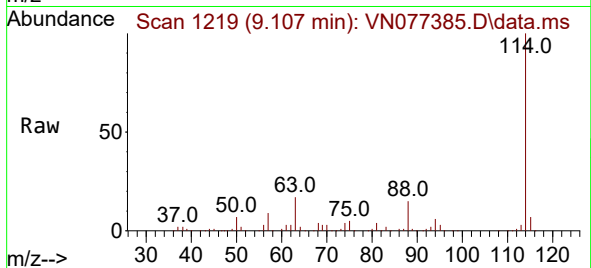
Tgt Ion:114 Resp: 1001355

Ion Ratio Lower Upper

114 100

63 17.4 0.0 37.8

88 15.2 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.265 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077385.D

Acq: 19 Apr 2023 19:11

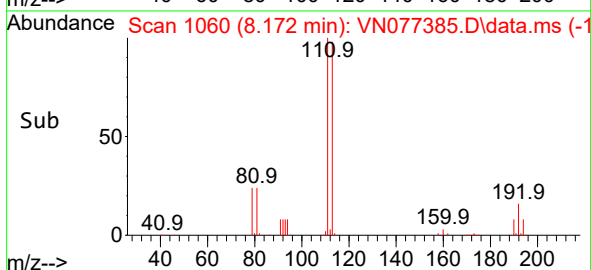
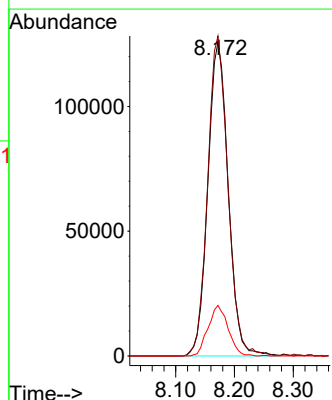
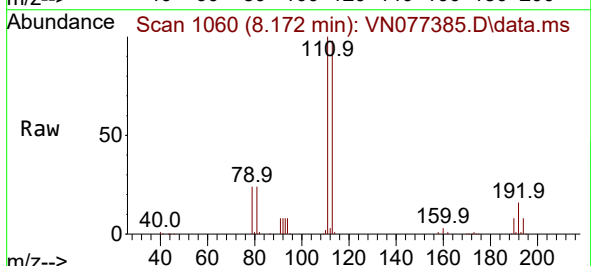
Tgt Ion:113 Resp: 302984

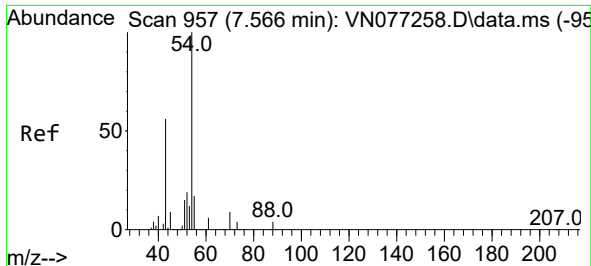
Ion Ratio Lower Upper

113 100

111 101.5 83.4 125.0

192 15.8 13.5 20.3

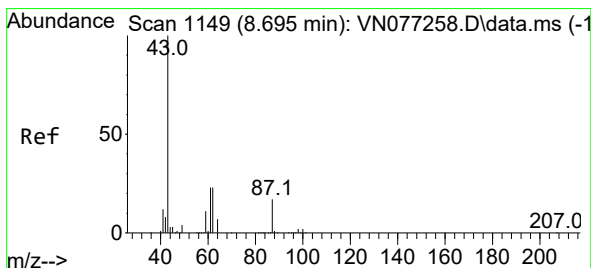
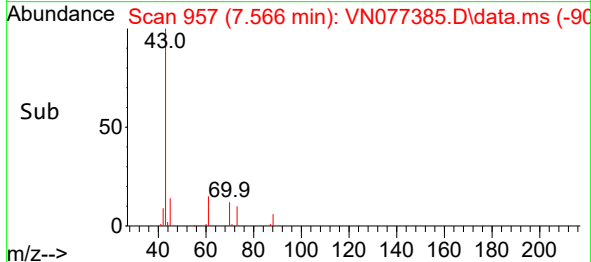
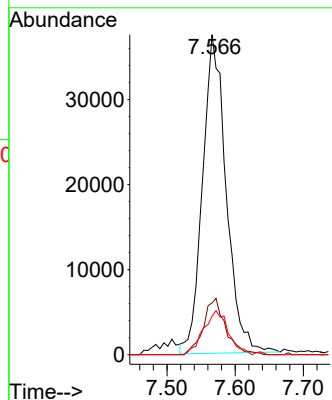
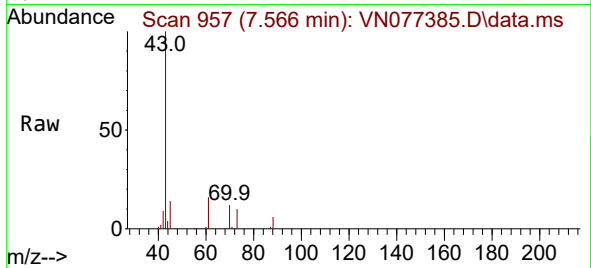




#37
Ethyl Acetate
Concen: 10.667 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077385.D
Acq: 19 Apr 2023 19:11

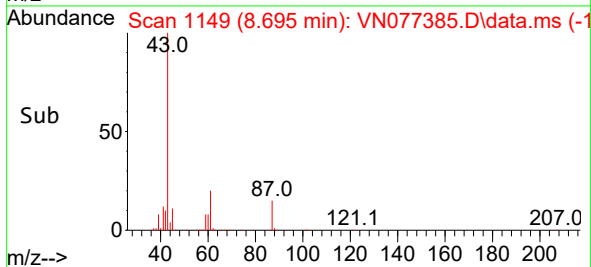
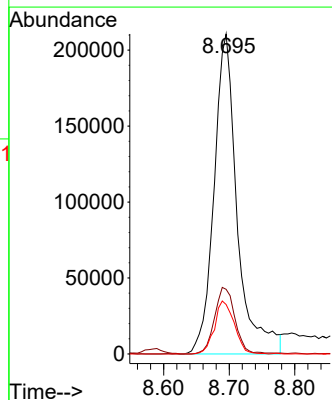
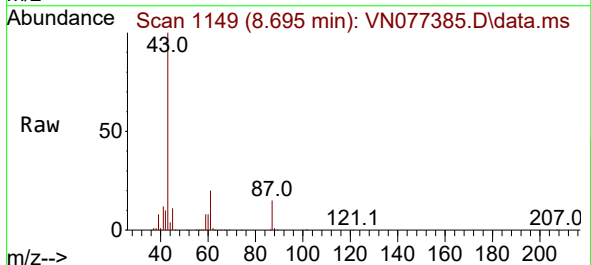
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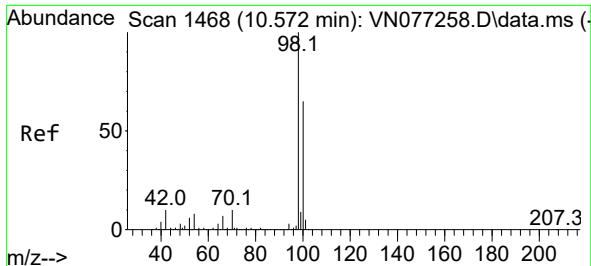
Tgt Ion: 43 Resp: 90488
Ion Ratio Lower Upper
43 100
61 16.7 12.2 18.2
70 14.5 10.0 15.0



#43
Isopropyl Acetate
Concen: 33.017 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077385.D
Acq: 19 Apr 2023 19:11

Tgt Ion: 43 Resp: 516797
Ion Ratio Lower Upper
43 100
61 18.5 22.7 34.1#
87 14.1 13.6 20.4

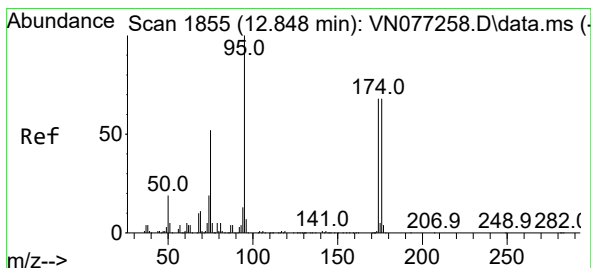
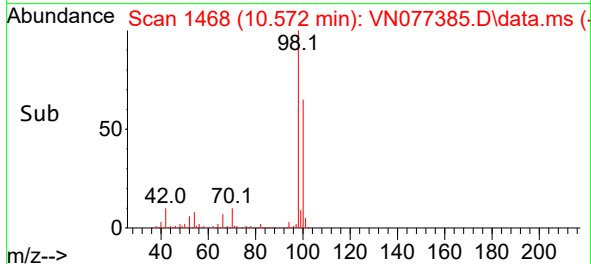
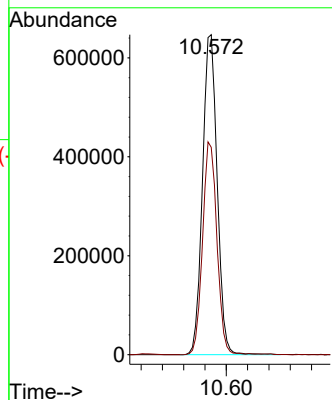
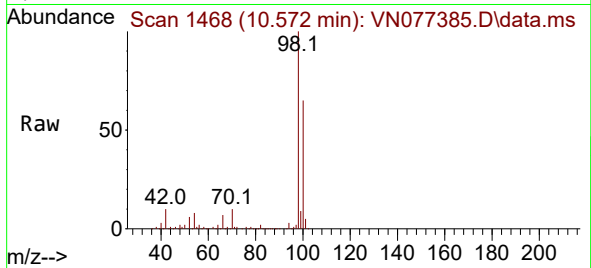




#50
Toluene-d8
Concen: 47.851 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077385.D
Acq: 19 Apr 2023 19:11

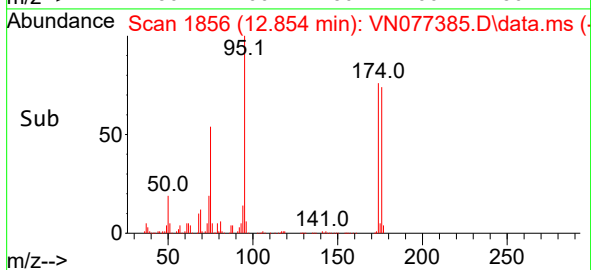
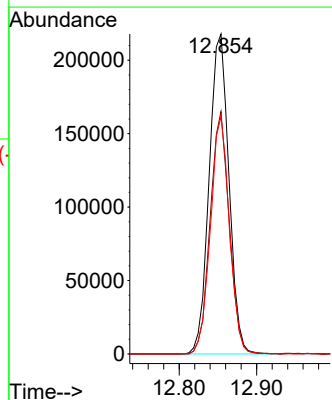
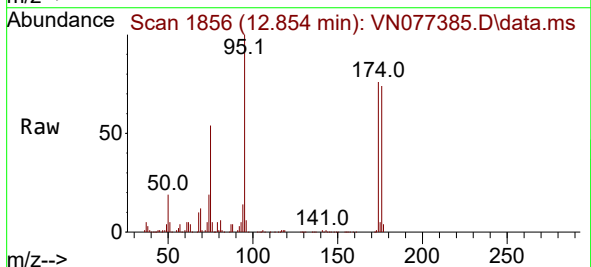
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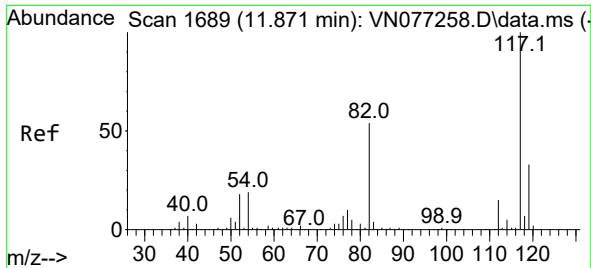
Tgt Ion: 98 Resp: 1234834
Ion Ratio Lower Upper
98 100
100 64.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 44.897 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077385.D
Acq: 19 Apr 2023 19:11

Tgt Ion: 95 Resp: 385338
Ion Ratio Lower Upper
95 100
174 73.1 0.0 146.8
176 71.1 0.0 139.6

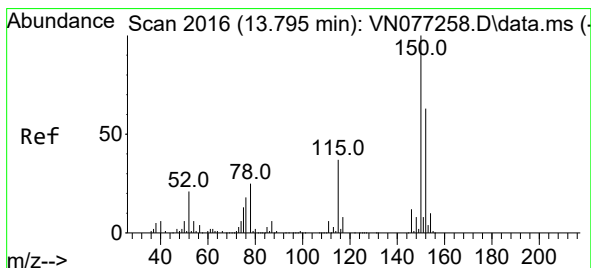
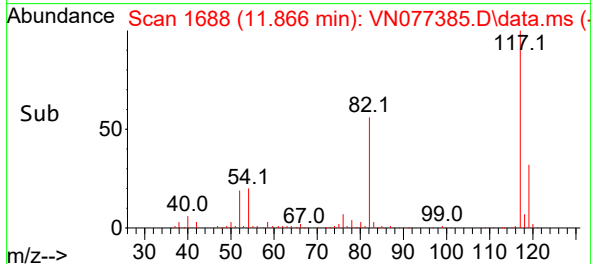
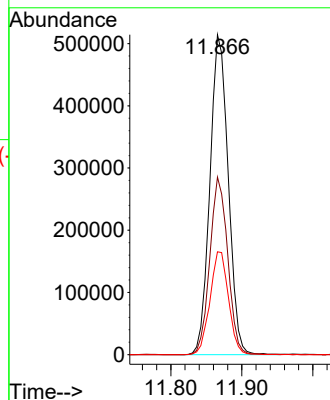
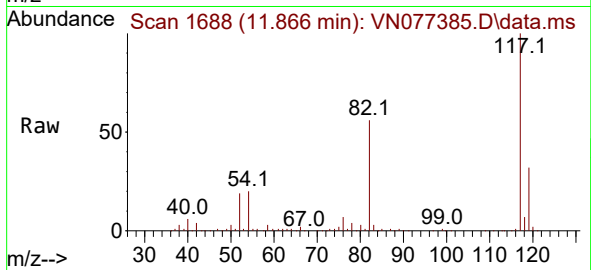




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN077385.D
Acq: 19 Apr 2023 19:11

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 921462
Ion Ratio Lower Upper
117 100
82 55.5 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: VN077385.D
Acq: 19 Apr 2023 19:11

Tgt Ion:152 Resp: 333865
Ion Ratio Lower Upper
152 100
115 64.5 32.1 96.3
150 159.2 0.0 354.8

