

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041323\
 Data File : VN077334.D
 Acq On : 13 Apr 2023 17:28
 Operator : JC\MD
 Sample : PB152070ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152070ZHE#06

Quant Time: Apr 14 07:25:23 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)

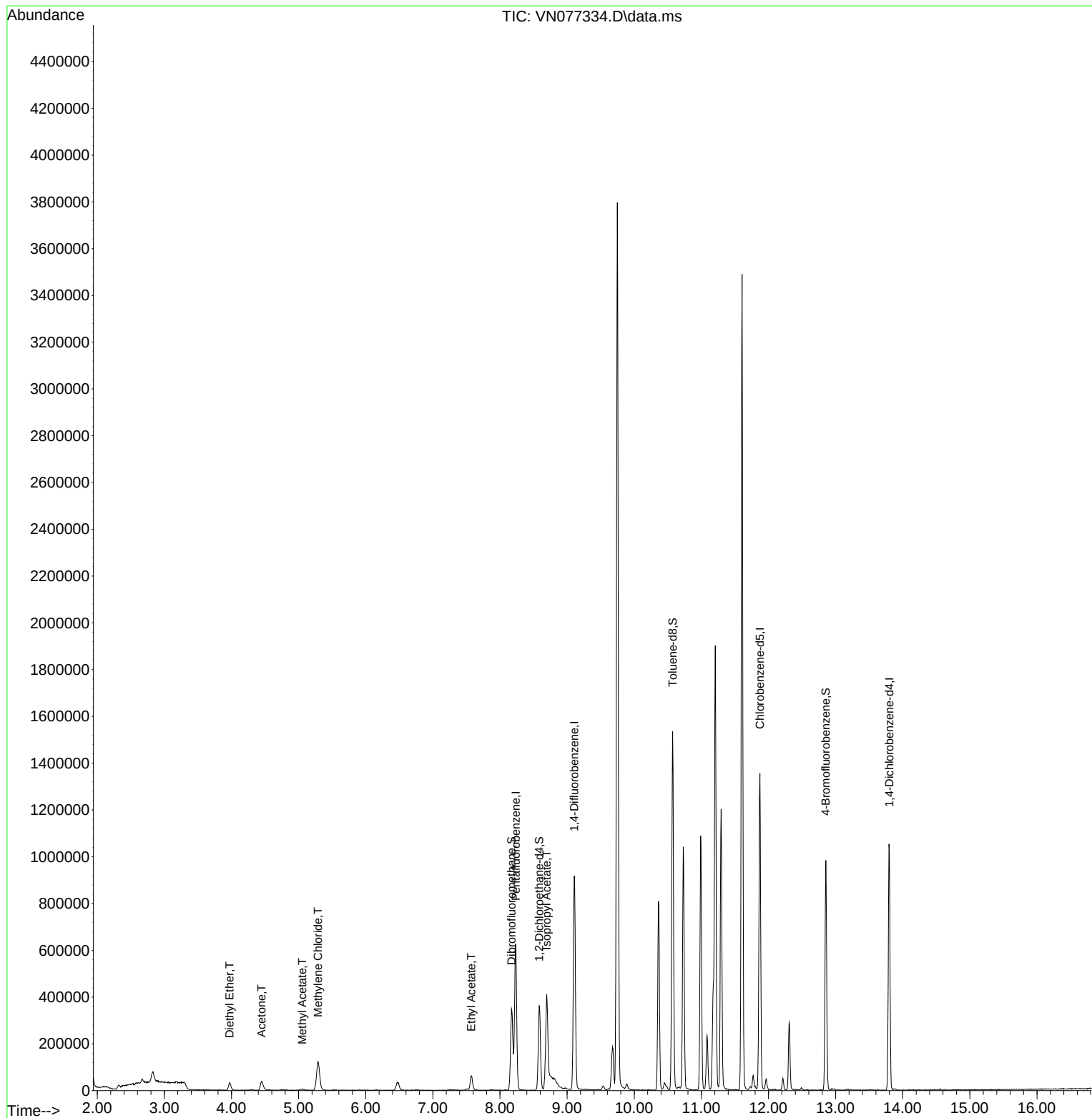
Internal Standards						
1) Pentafluorobenzene	8.236	168	444580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	854534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	812544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.801	152	286296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	281549	46.336	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.680%
35) Dibromofluoromethane	8.172	113	255962	46.790	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.580%
50) Toluene-d8	10.571	98	1095082	49.726	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.460%
62) 4-Bromofluorobenzene	12.854	95	333422	45.523	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.040%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.972	74	21150	6.105	ug/l	97
16) Acetone	4.448	43	72322	32.282	ug/l	98
18) Methyl Acetate	5.054	43	10345	1.212	ug/l	97
20) Methylene Chloride	5.289	84	108730	17.185	ug/l	93
37) Ethyl Acetate	7.572	43	89703	12.392	ug/l	95
43) Isopropyl Acetate	8.695	43	485940	36.379	ug/l #	84

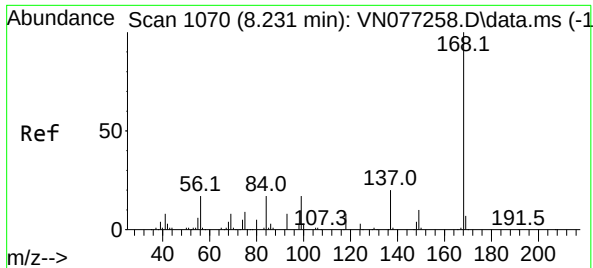
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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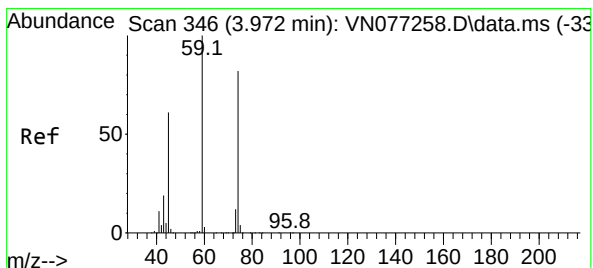
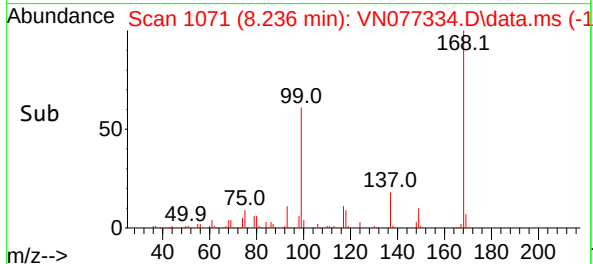
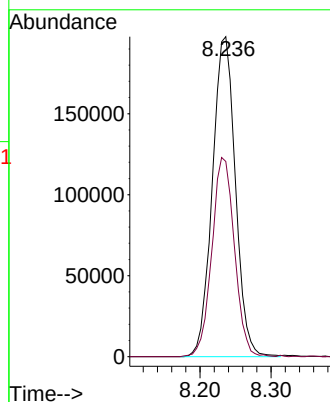
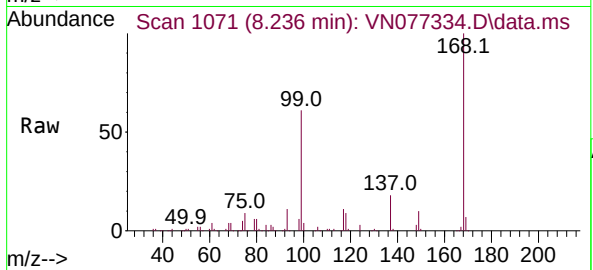




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN077334.D
Acq: 13 Apr 2023 17:28

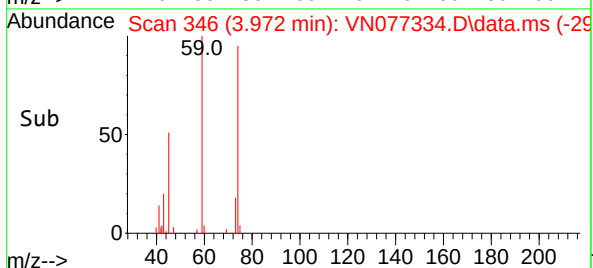
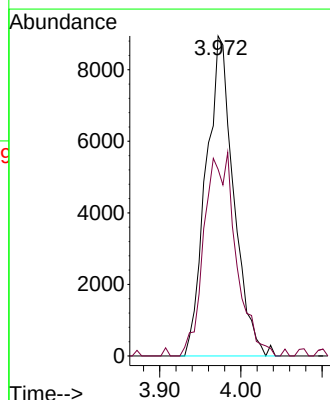
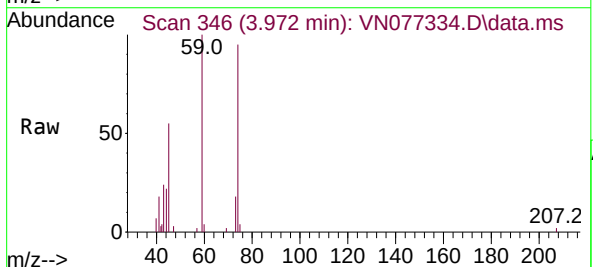
Instrument :
MSVOA_N
ClientSampleId :
PB152070ZHE#06

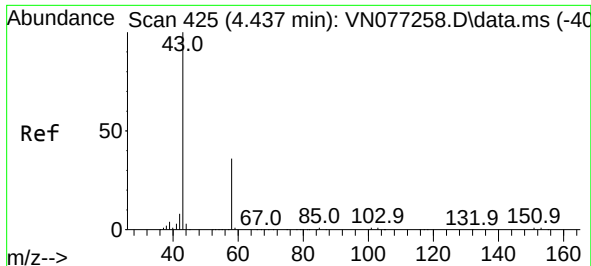
Tgt Ion:168 Resp: 444580
Ion Ratio Lower Upper
168 100
99 61.0 50.6 75.8



#8
Diethyl Ether
Concen: 6.105 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077334.D
Acq: 13 Apr 2023 17:28

Tgt Ion: 74 Resp: 21150
Ion Ratio Lower Upper
74 100
45 73.2 37.8 113.4

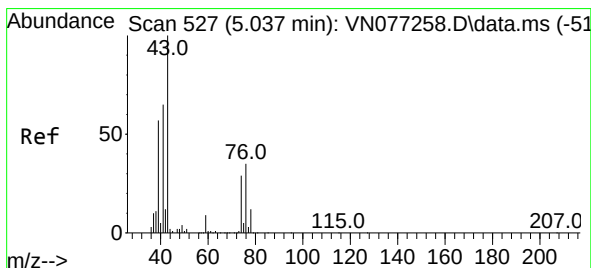
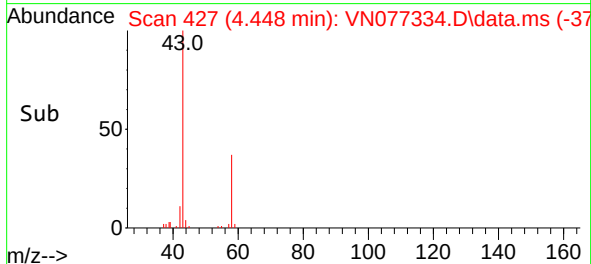
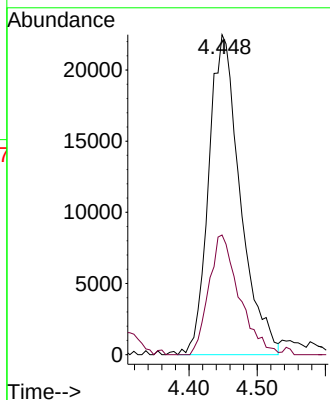
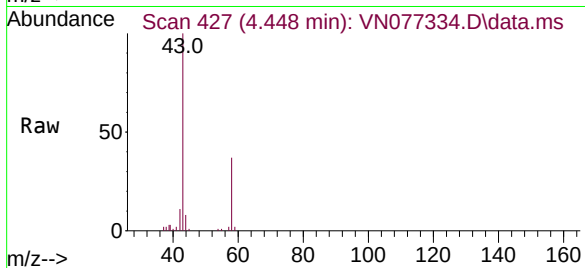




#16
Acetone
Concen: 32.282 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN077334.D
Acq: 13 Apr 2023 17:28

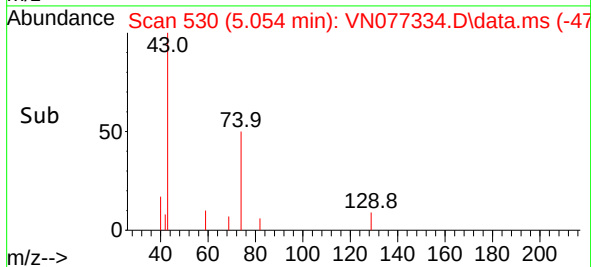
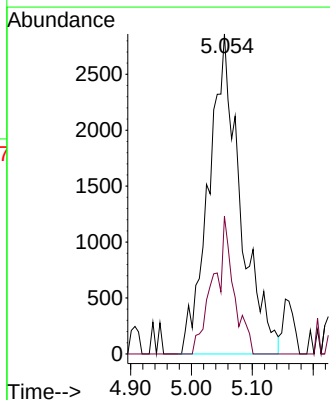
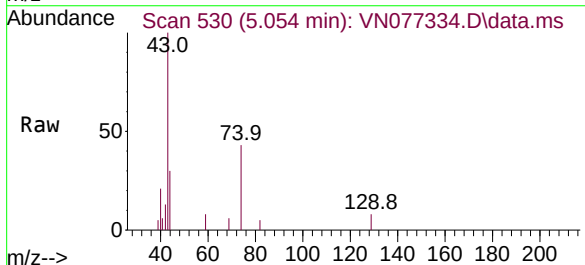
Instrument :
MSVOA_N
ClientSampleId :
PB152070ZHE#06

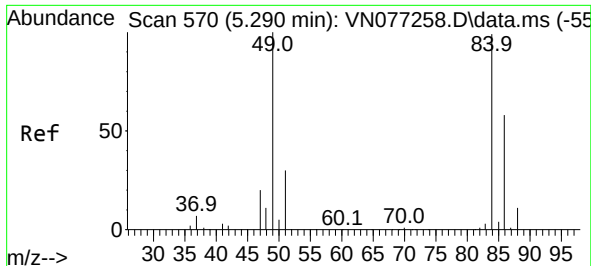
Tgt Ion: 43 Resp: 72322
Ion Ratio Lower Upper
43 100
58 37.4 29.0 43.6



#18
Methyl Acetate
Concen: 1.212 ug/l
RT: 5.054 min Scan# 530
Delta R.T. 0.017 min
Lab File: VN077334.D
Acq: 13 Apr 2023 17:28

Tgt Ion: 43 Resp: 10345
Ion Ratio Lower Upper
43 100
74 27.5 23.4 35.2



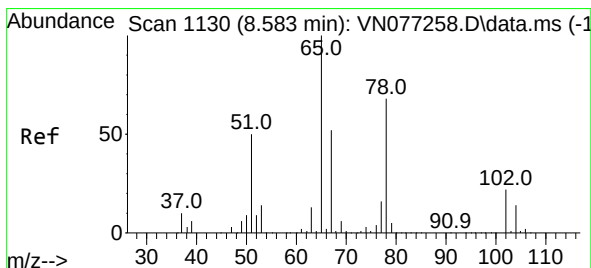
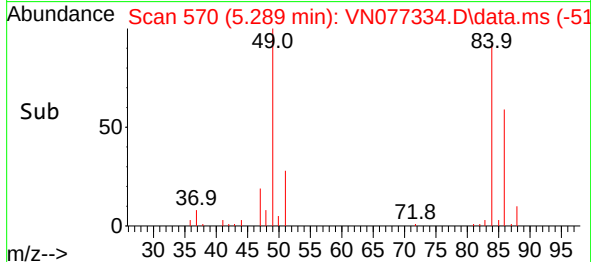
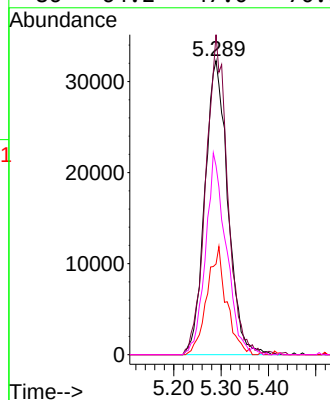
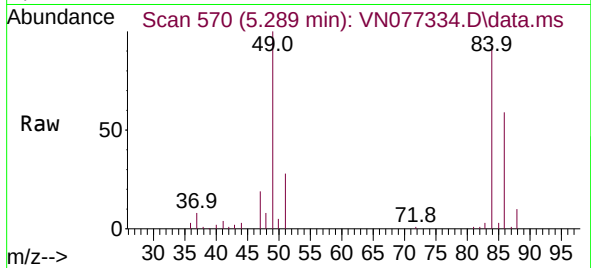


#20
Methylene Chloride
Concen: 17.185 ug/l
RT: 5.289 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN077334.D
Acq: 13 Apr 2023 17:28

Instrument :
MSVOA_N
ClientSampleId :
PB152070ZHE#06

Tgt Ion: 84 Resp: 108730

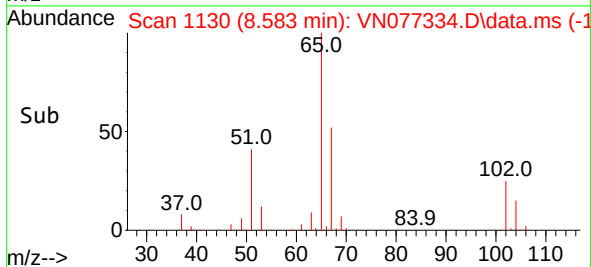
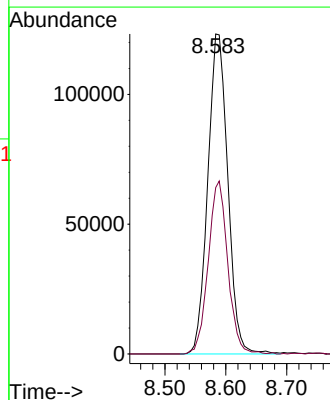
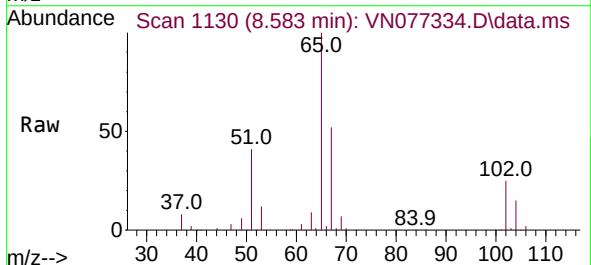
Ion	Ratio	Lower	Upper
84	100		
49	108.8	80.6	121.0
51	30.8	24.4	36.6
86	64.2	47.0	70.6

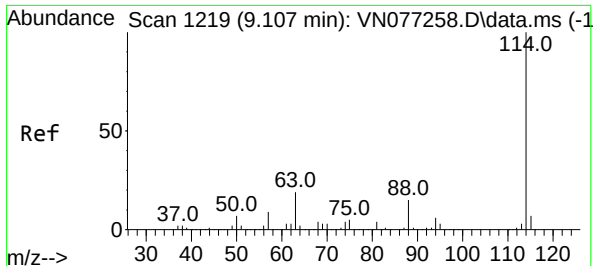


#33
1,2-Dichloroethane-d4
Concen: 46.336 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077334.D
Acq: 13 Apr 2023 17:28

Tgt Ion: 65 Resp: 281549

Ion	Ratio	Lower	Upper
65	100		
67	52.8	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: VN077334.D

Acq: 13 Apr 2023 17:28

Instrument :

MSVOA_N

ClientSampleId :

PB152070ZHE#06

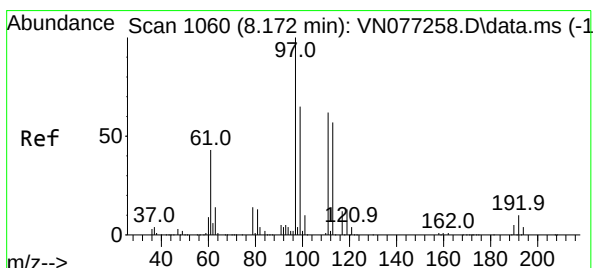
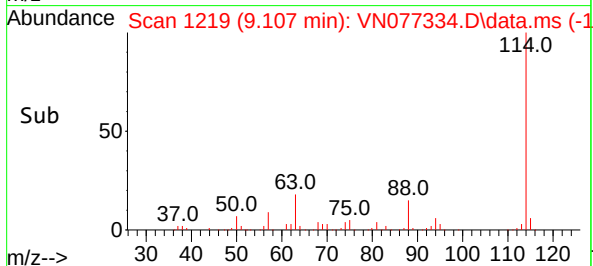
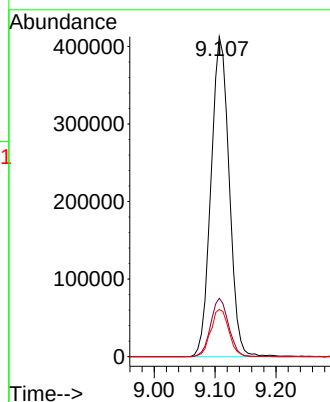
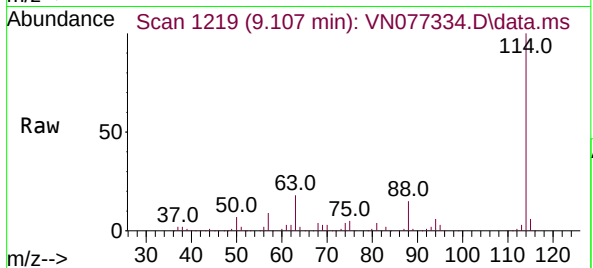
Tgt Ion:114 Resp: 854534

Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.8

88 14.7 0.0 29.4



#35

Dibromofluoromethane

Concen: 46.790 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077334.D

Acq: 13 Apr 2023 17:28

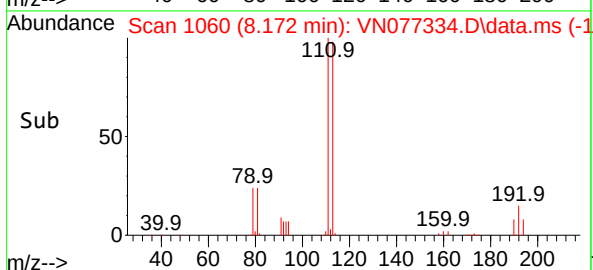
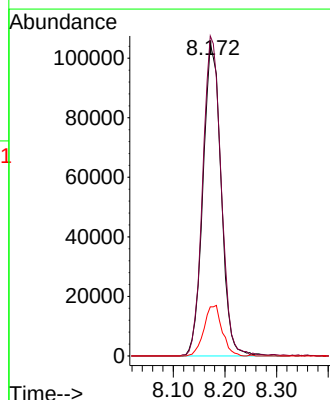
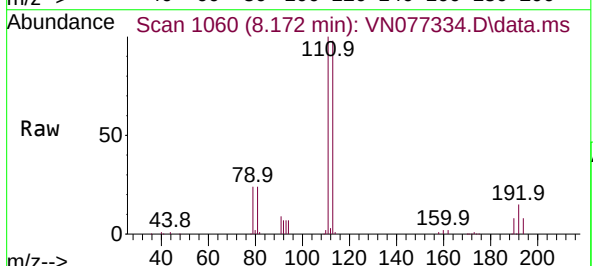
Tgt Ion:113 Resp: 255962

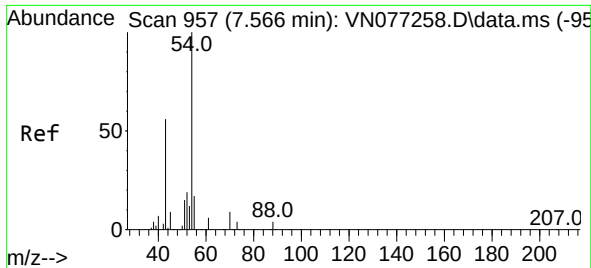
Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.0

192 16.2 13.5 20.3

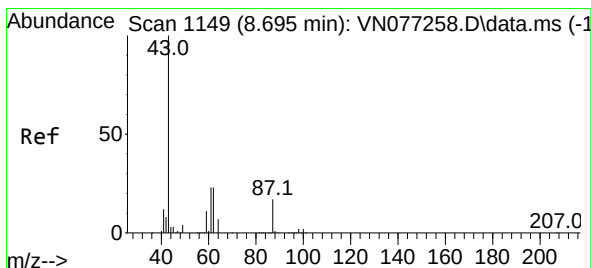
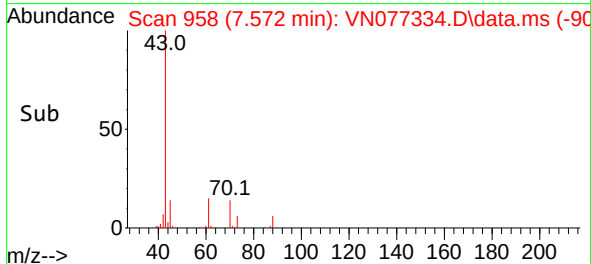
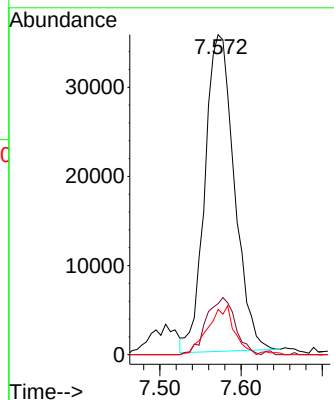
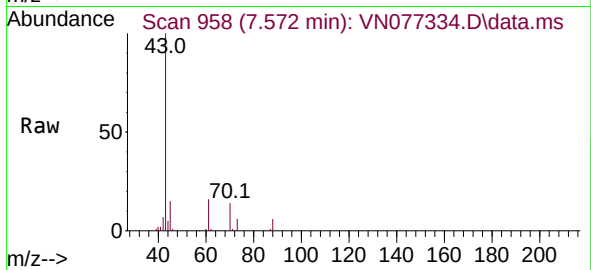




#37
Ethyl Acetate
Concen: 12.392 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077334.D
Acq: 13 Apr 2023 17:28

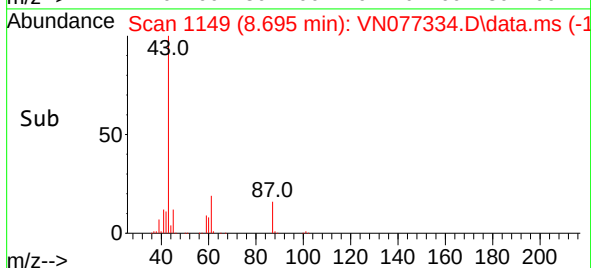
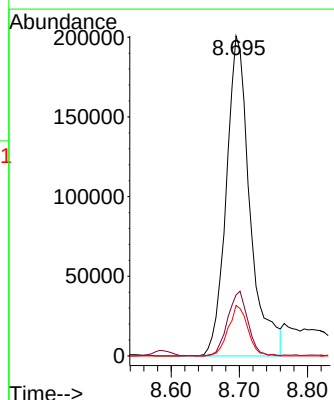
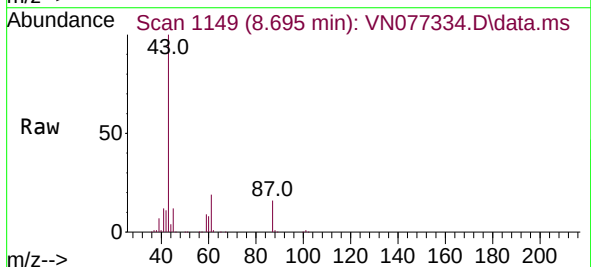
Instrument :
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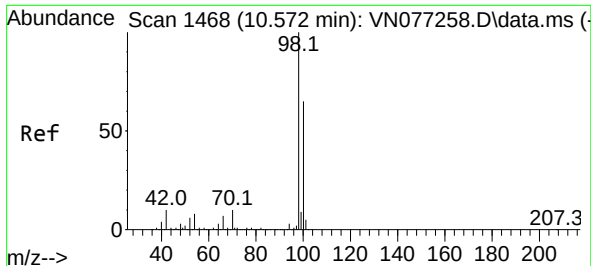
Tgt Ion: 43 Resp: 89703
Ion Ratio Lower Upper
43 100
61 17.7 12.2 18.2
70 13.7 10.0 15.0



#43
Isopropyl Acetate
Concen: 36.379 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077334.D
Acq: 13 Apr 2023 17:28

Tgt Ion: 43 Resp: 485940
Ion Ratio Lower Upper
43 100
61 17.4 22.7 34.1#
87 13.0 13.6 20.4#

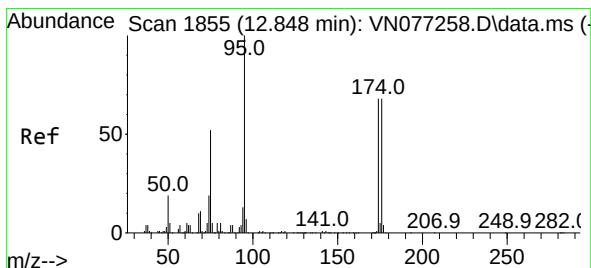
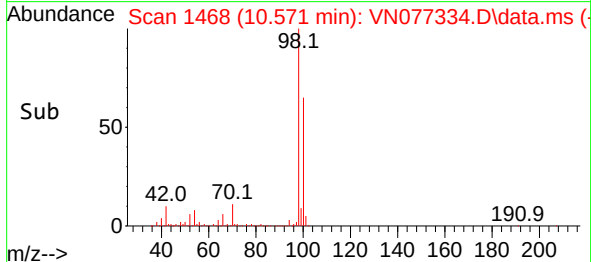
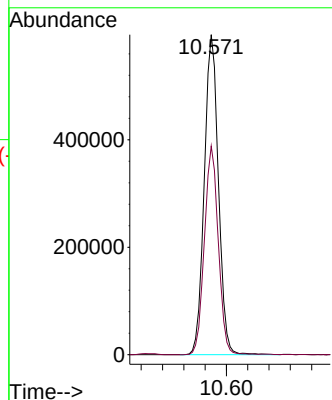
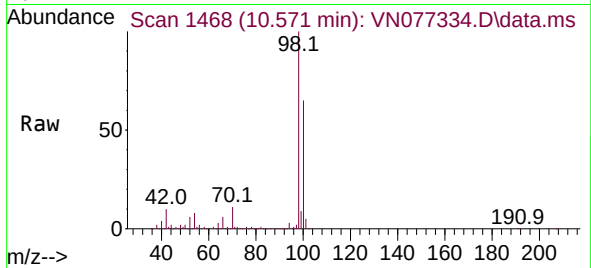




#50
Toluene-d8
Concen: 49.726 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077334.D
Acq: 13 Apr 2023 17:28

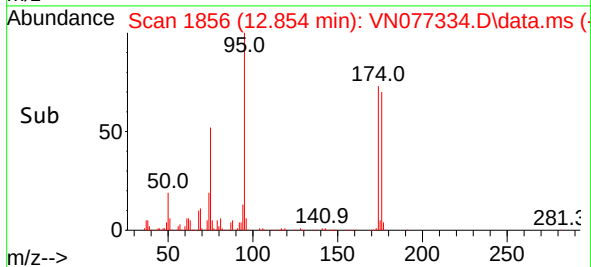
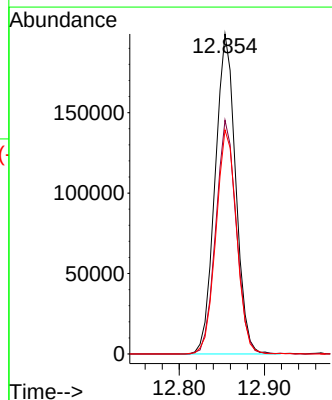
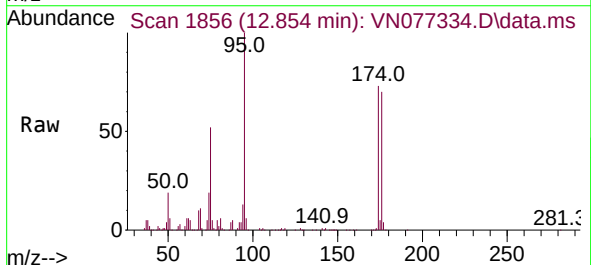
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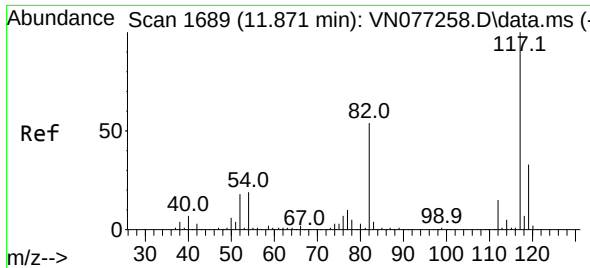
Tgt Ion: 98 Resp: 1095082
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 45.523 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077334.D
Acq: 13 Apr 2023 17:28

Tgt Ion: 95 Resp: 333422
Ion Ratio Lower Upper
95 100
174 72.6 0.0 146.8
176 70.2 0.0 139.6

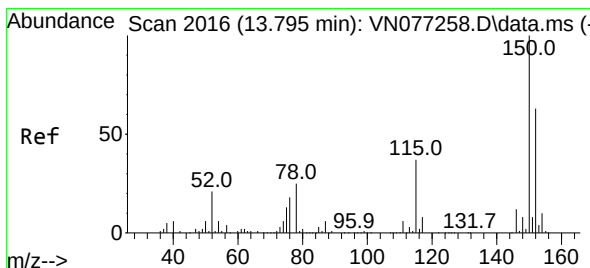
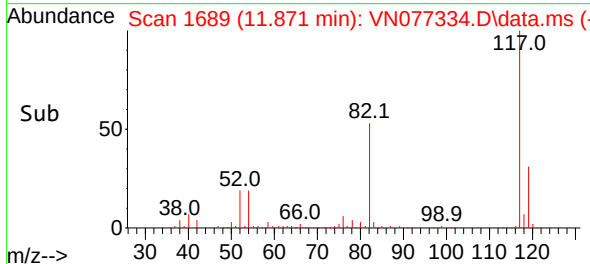
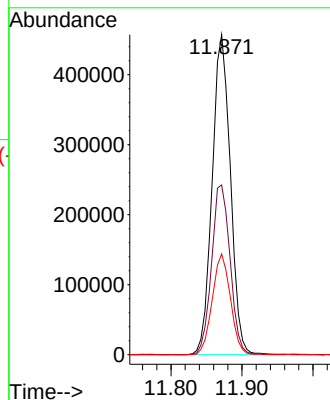
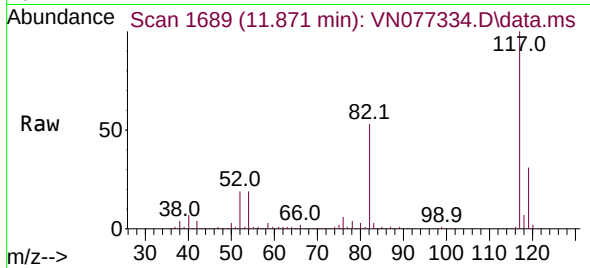




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077334.D
Acq: 13 Apr 2023 17:28

Instrument :
MSVOA_N
ClientSampleId :
PB152070ZHE#06

Tgt Ion:117 Resp: 812544
Ion Ratio Lower Upper
117 100
82 53.0 42.9 64.3
119 31.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.801 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN077334.D
Acq: 13 Apr 2023 17:28

Tgt Ion:152 Resp: 286296
Ion Ratio Lower Upper
152 100
115 61.1 32.1 96.3
150 158.6 0.0 354.8

