

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060223\
 Data File : VN078027.D
 Acq On : 02 Jun 2023 13:21
 Operator : JC\MD
 Sample : PB153165ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153165ZHE#04

Quant Time: Jun 05 01:18:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

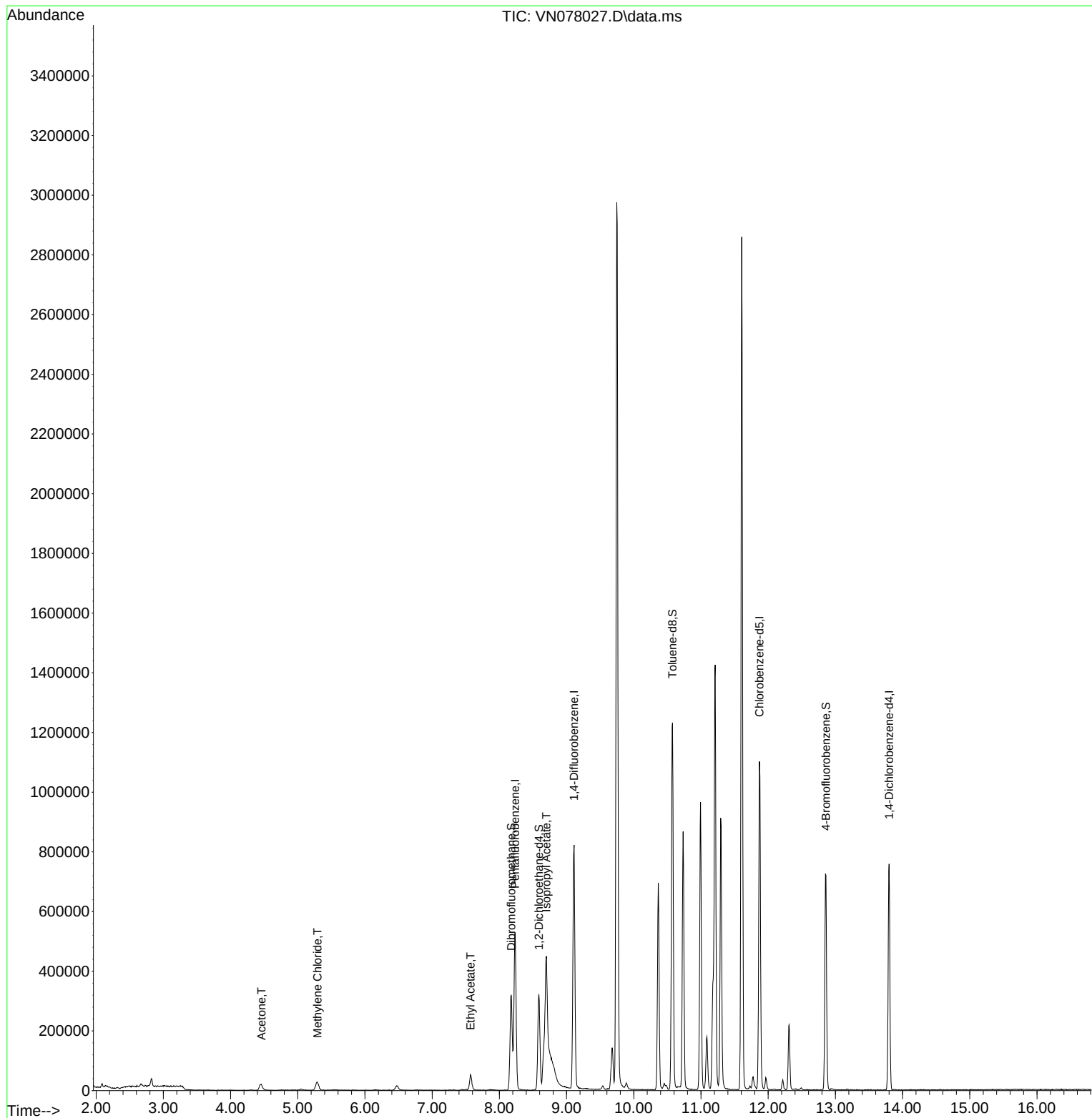
Internal Standards						
1) Pentafluorobenzene	8.235	168	378789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	726154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	666834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	209538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	266370	46.998	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.000%
35) Dibromofluoromethane	8.177	113	229821	48.535	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.060%
50) Toluene-d8	10.576	98	906182	49.719	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.440%
62) 4-Bromofluorobenzene	12.859	95	269337	41.842	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.680%
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	41769	23.425	ug/l #	88
20) Methylene Chloride	5.294	84	22831	3.065	ug/l #	78
37) Ethyl Acetate	7.571	43	73423	11.894	ug/l	96
43) Isopropyl Acetate	8.700	43	830890	82.404	ug/l #	64

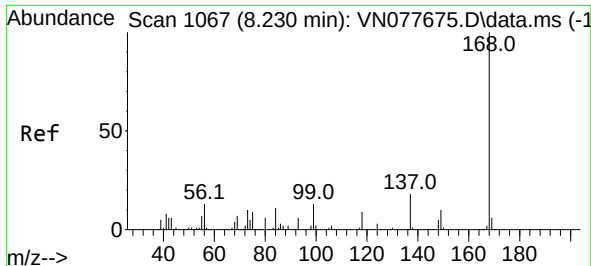
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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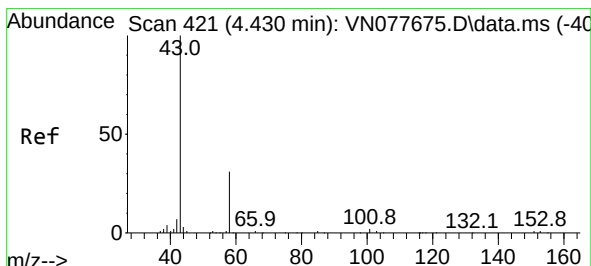
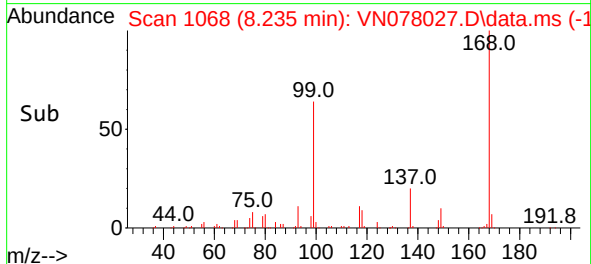
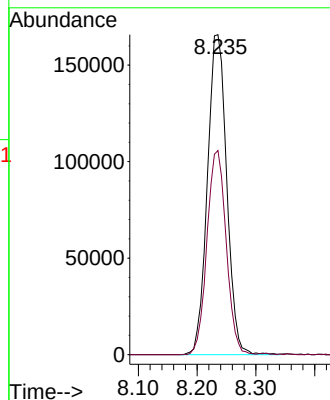
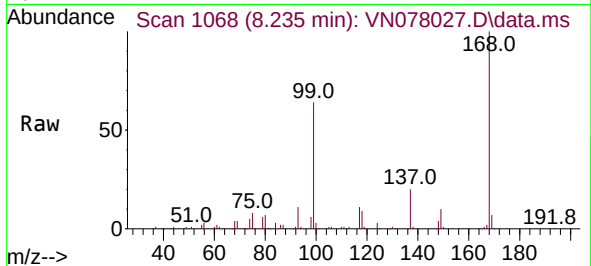




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078027.D
Acq: 02 Jun 2023 13:21

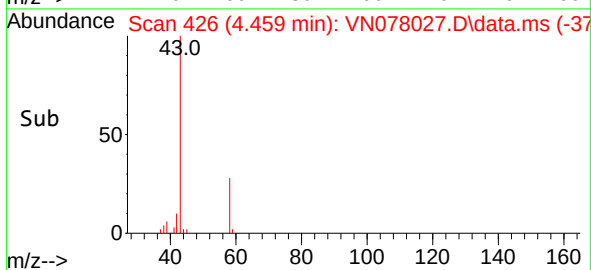
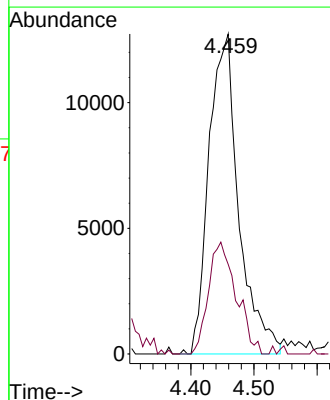
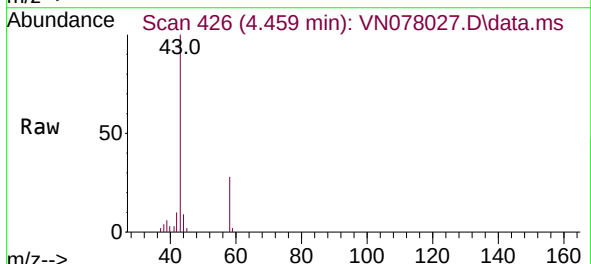
Instrument :
MSVOA_N
ClientSampleId :
PB153165ZHE#04

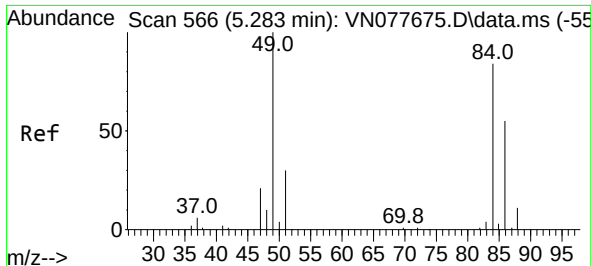
Tgt Ion:168 Resp: 378789
Ion Ratio Lower Upper
168 100
99 63.8 53.0 79.6



#16
Acetone
Concen: 23.425 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.029 min
Lab File: VN078027.D
Acq: 02 Jun 2023 13:21

Tgt Ion: 43 Resp: 41769
Ion Ratio Lower Upper
43 100
58 28.0 28.0 42.0#

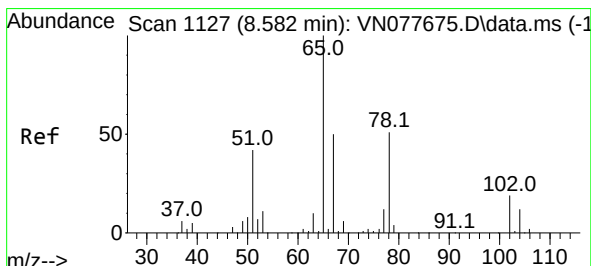
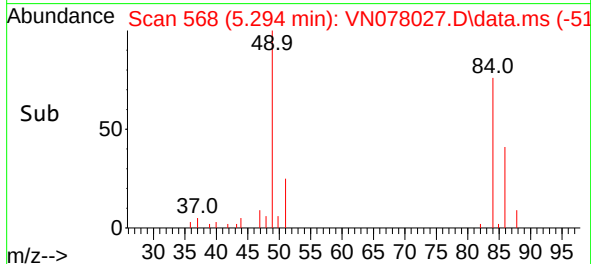
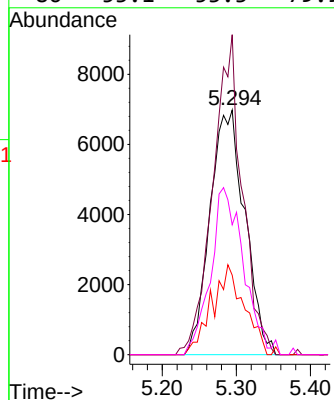
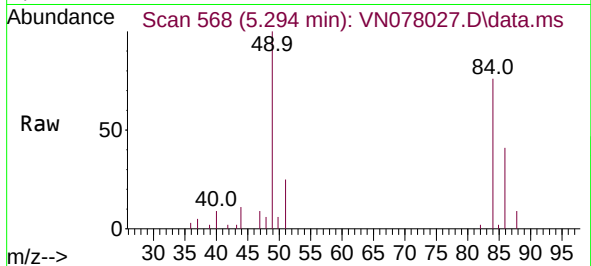




#20
Methylene Chloride
Concen: 3.065 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN078027.D
Acq: 02 Jun 2023 13:21

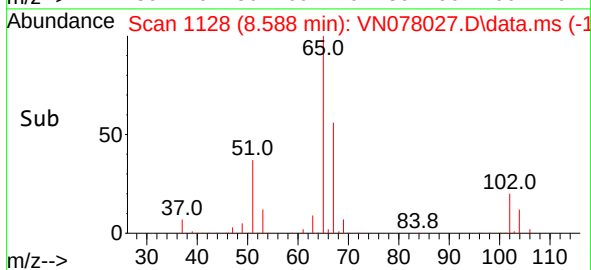
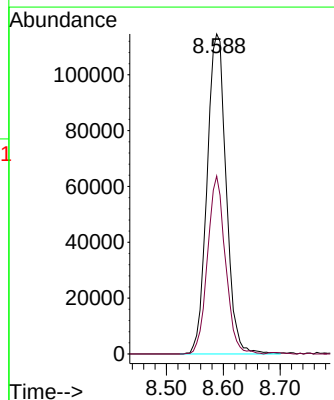
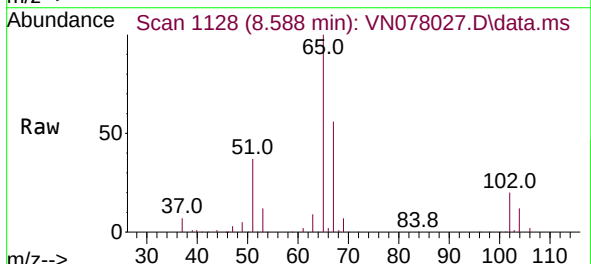
Instrument :
MSVOA_N
ClientSampleId :
PB153165ZHE#04

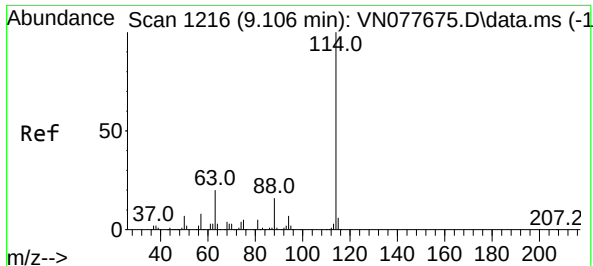
Tgt Ion:	84	Resp:	22831
Ion	Ratio	Lower	Upper
84	100		
49	130.8	79.7	119.5#
51	32.5	25.2	37.8
86	53.1	53.3	79.9#



#33
1,2-Dichloroethane-d4
Concen: 46.998 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078027.D
Acq: 02 Jun 2023 13:21

Tgt Ion:	65	Resp:	266370
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078027.D

Acq: 02 Jun 2023 13:21

Instrument :

MSVOA_N

ClientSampleId :

PB153165ZHE#04

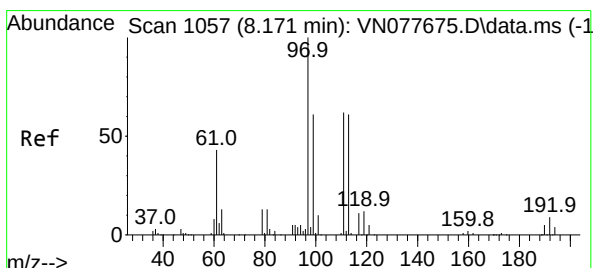
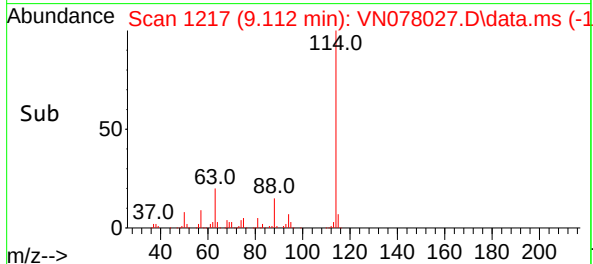
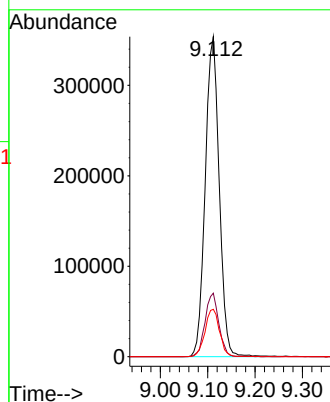
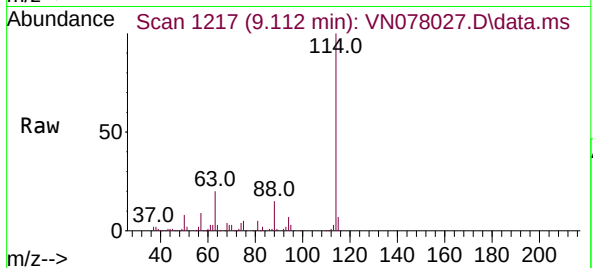
Tgt Ion:114 Resp: 726154

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.535 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN078027.D

Acq: 02 Jun 2023 13:21

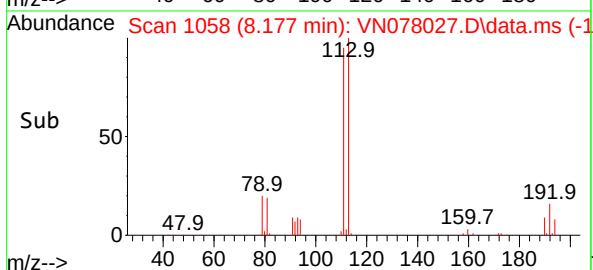
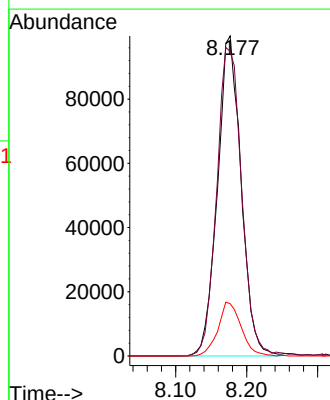
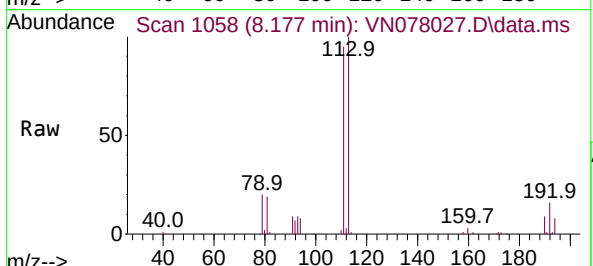
Tgt Ion:113 Resp: 229821

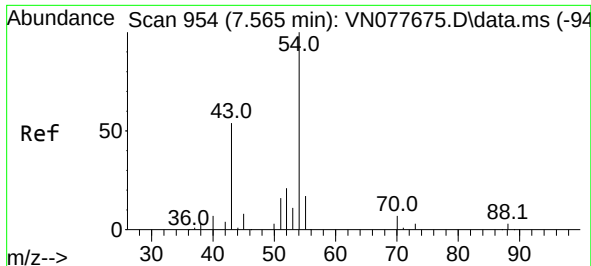
Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 16.5 12.7 19.1

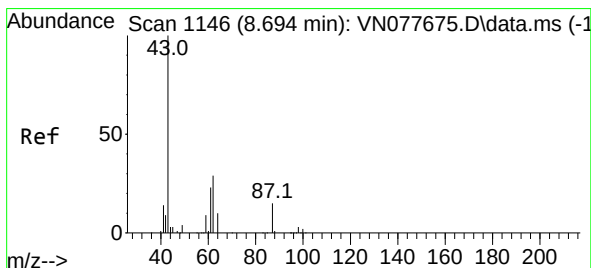
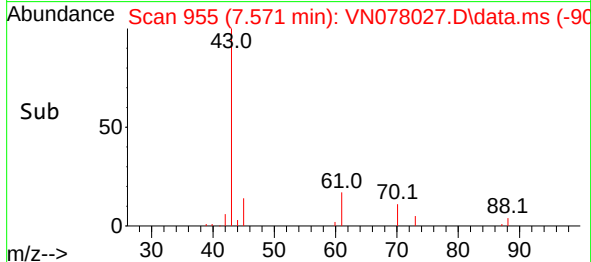
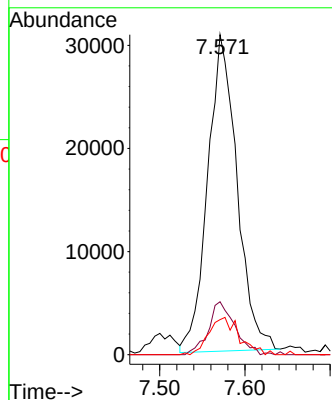
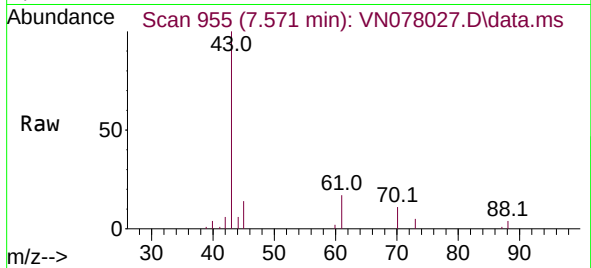




#37
Ethyl Acetate
Concen: 11.894 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078027.D
Acq: 02 Jun 2023 13:21

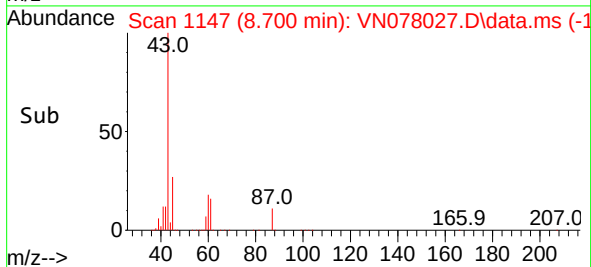
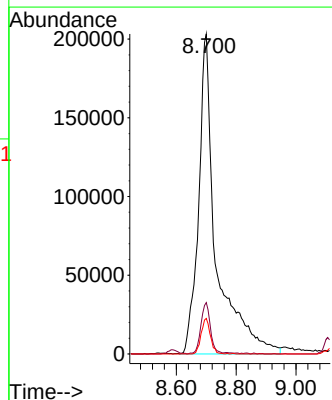
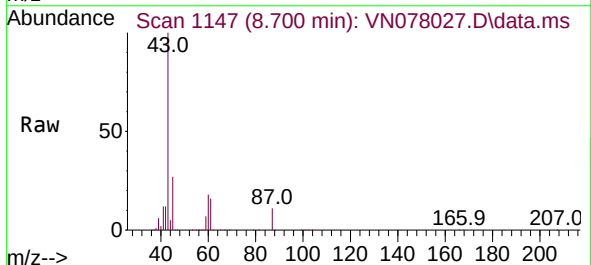
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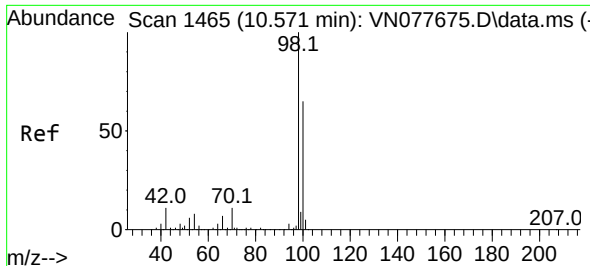
Tgt Ion: 43 Resp: 73423
Ion Ratio Lower Upper
43 100
61 15.1 13.2 19.8
70 12.3 11.3 16.9



#43
Isopropyl Acetate
Concen: 82.404 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078027.D
Acq: 02 Jun 2023 13:21

Tgt Ion: 43 Resp: 830890
Ion Ratio Lower Upper
43 100
61 8.7 24.7 37.1#
87 5.8 14.6 21.8#

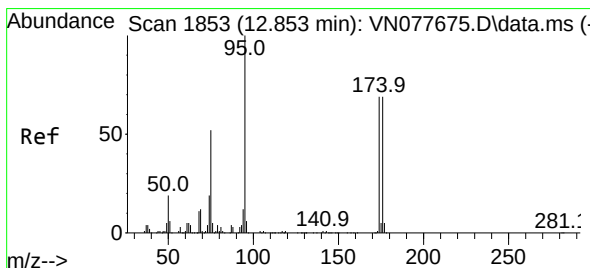
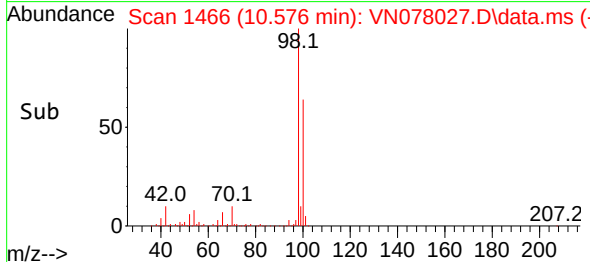
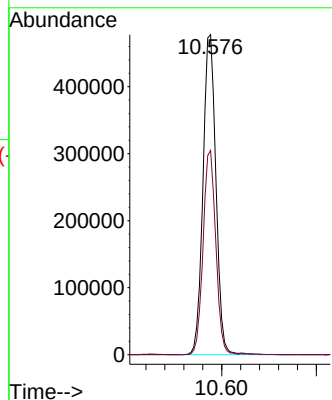
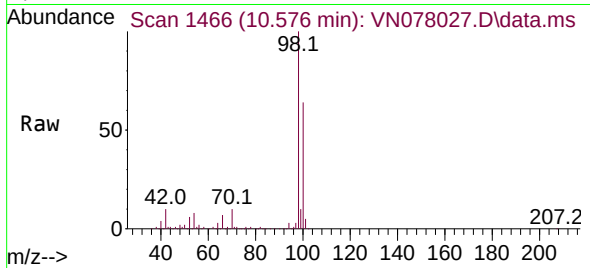




#50
Toluene-d8
Concen: 49.719 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN078027.D
Acq: 02 Jun 2023 13:21

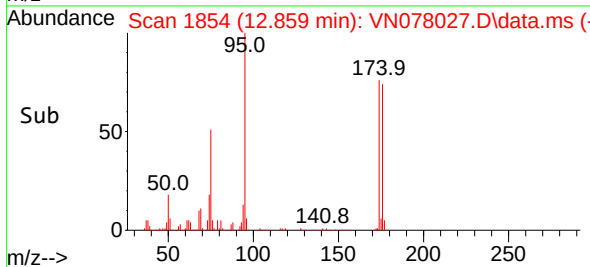
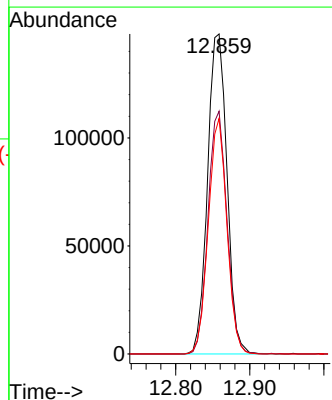
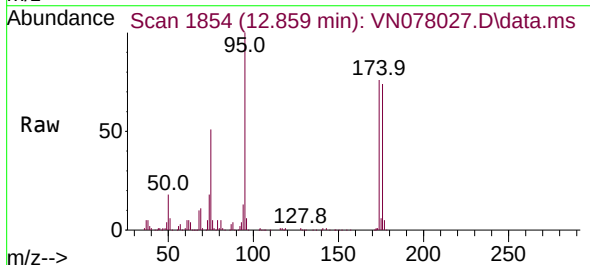
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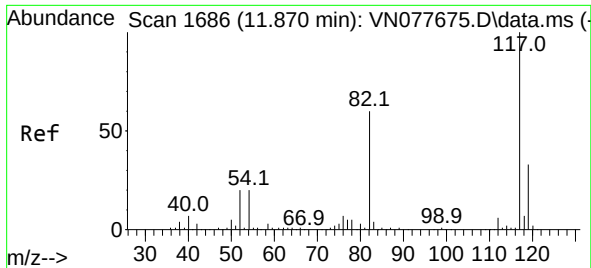
Tgt Ion: 98 Resp: 906182
Ion Ratio Lower Upper
98 100
100 62.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.842 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078027.D
Acq: 02 Jun 2023 13:21

Tgt Ion: 95 Resp: 269337
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 70.4 0.0 135.8

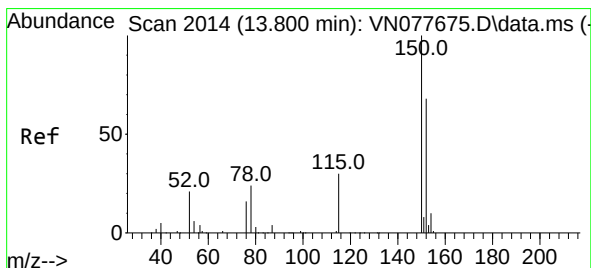
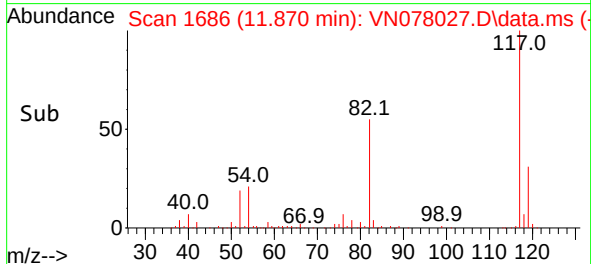
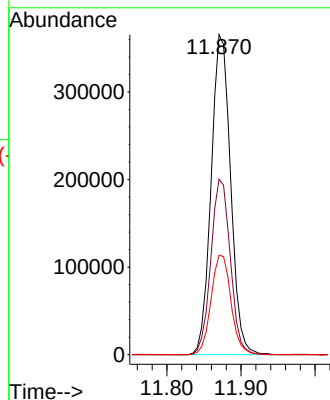
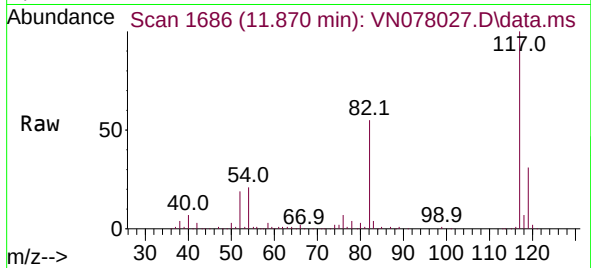




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN078027.D
Acq: 02 Jun 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 666834
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 31.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078027.D
Acq: 02 Jun 2023 13:21

Tgt Ion:152 Resp: 209538
Ion Ratio Lower Upper
152 100
115 61.4 32.3 96.8
150 156.3 0.0 355.8

