

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
 Data File : VN076909.D
 Acq On : 09 Mar 2023 18:04
 Operator : JC\MD
 Sample : PB151321ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151321ZHE#02

Quant Time: Mar 10 03:49:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 08:45:33 2023
 Response via : Initial Calibration

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

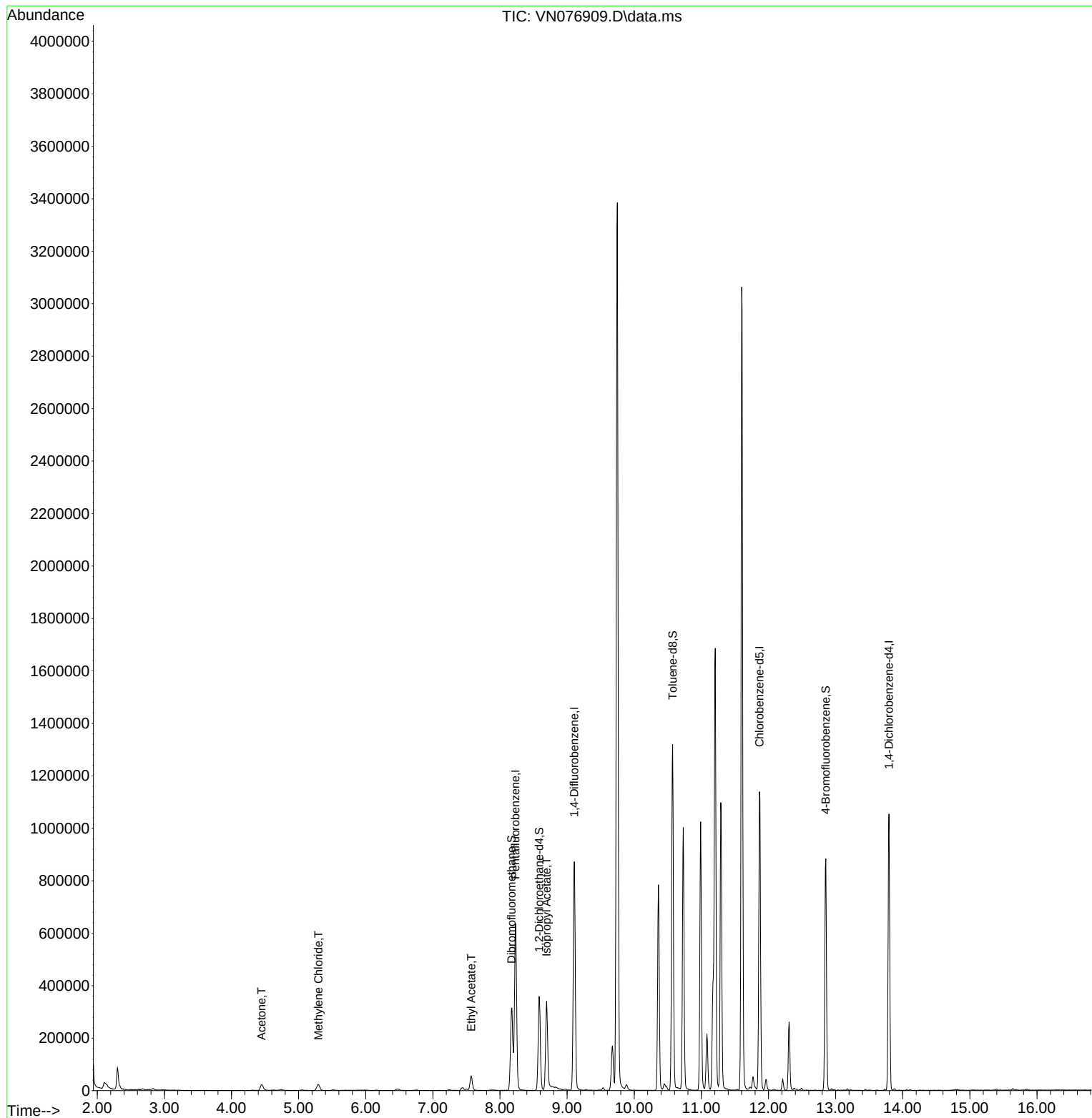
Internal Standards						
1) Pentafluorobenzene	8.231	168	450019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	754094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	671057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	273298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	306585	48.592	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.180%
35) Dibromofluoromethane	8.172	113	234537	49.717	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.440%
50) Toluene-d8	10.572	98	909023	50.015	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.040%
62) 4-Bromofluorobenzene	12.854	95	320571	50.902	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.800%
Target Compounds						
					Qvalue	
16) Acetone	4.449	43	44638	16.208	ug/l	99
20) Methylene Chloride	5.296	84	19615	3.053	ug/l	98
37) Ethyl Acetate	7.572	43	81689	10.496	ug/l	97
43) Isopropyl Acetate	8.695	43	382116	32.072	ug/l #	82

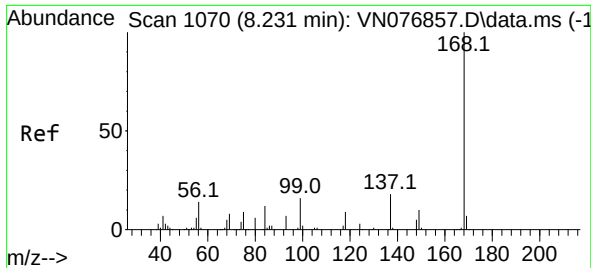
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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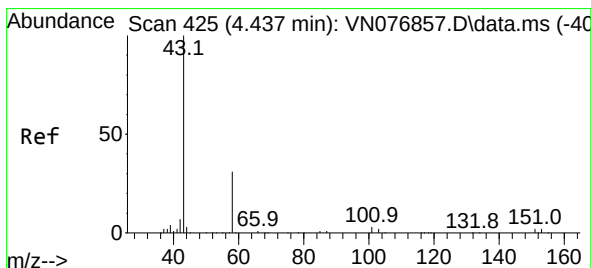
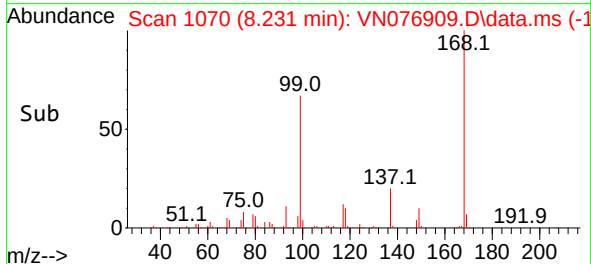
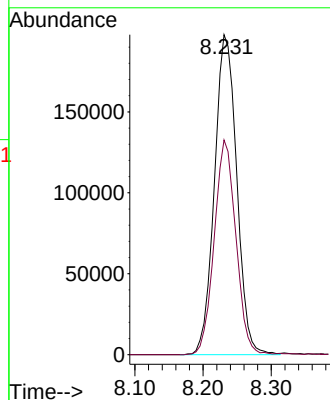
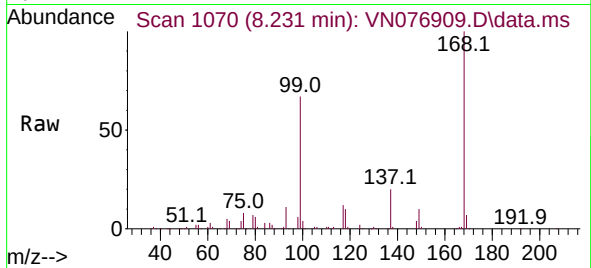




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076909.D
Acq: 09 Mar 2023 18:04

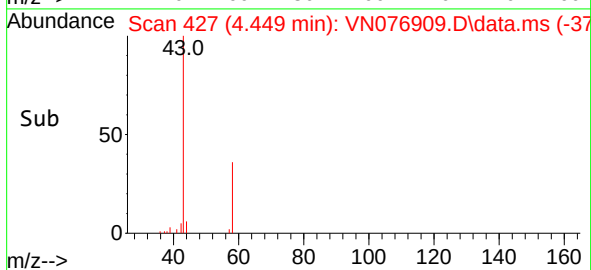
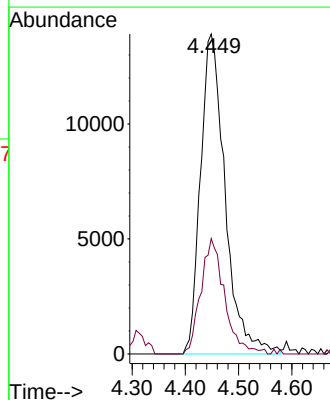
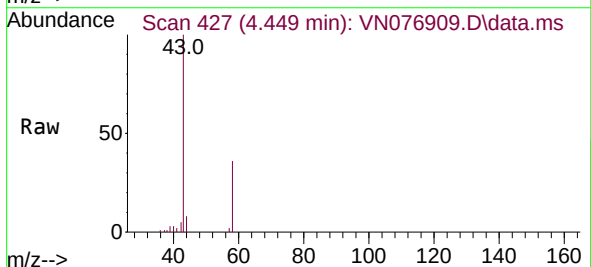
Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#02

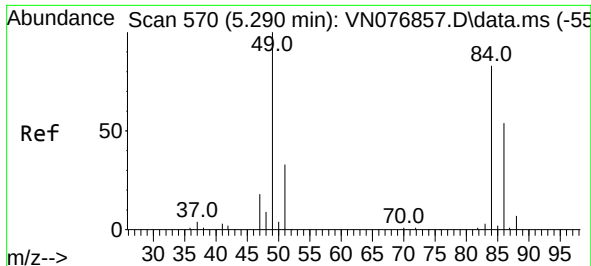
Tgt Ion:168 Resp: 450019
Ion Ratio Lower Upper
168 100
99 67.1 48.6 73.0



#16
Acetone
Concen: 16.208 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN076909.D
Acq: 09 Mar 2023 18:04

Tgt Ion: 43 Resp: 44638
Ion Ratio Lower Upper
43 100
58 36.1 28.2 42.2

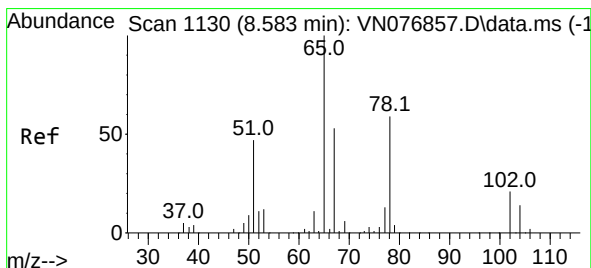
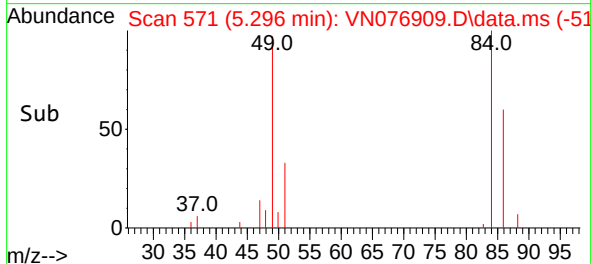
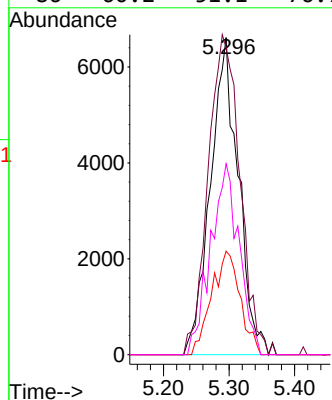
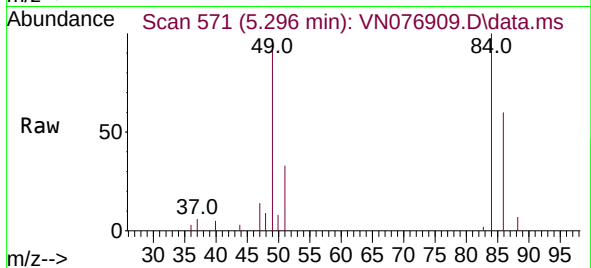




#20
Methylene Chloride
Concen: 3.053 ug/l
RT: 5.296 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076909.D
Acq: 09 Mar 2023 18:04

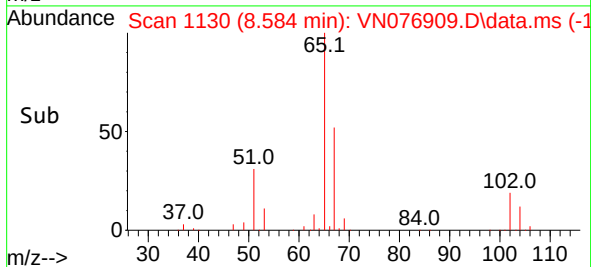
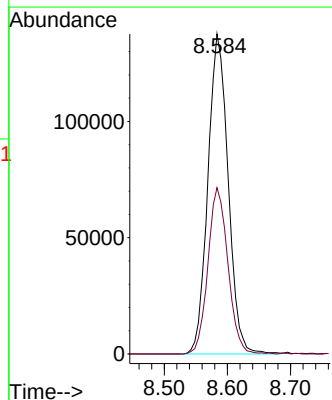
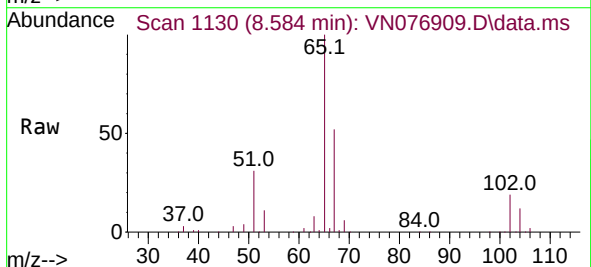
Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#02

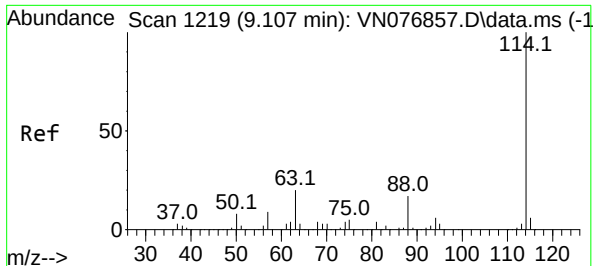
Tgt Ion:	84	Resp:	19615
Ion	Ratio	Lower	Upper
84	100		
49	96.8	76.6	114.8
51	32.6	25.4	38.2
86	60.2	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 48.592 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN076909.D
Acq: 09 Mar 2023 18:04

Tgt Ion:	65	Resp:	306585
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076909.D

Acq: 09 Mar 2023 18:04

Instrument :

MSVOA_N

ClientSampleId :

PB151321ZHE#02

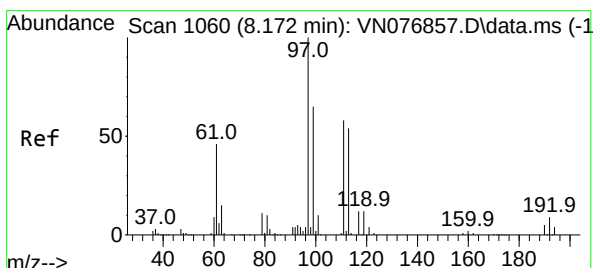
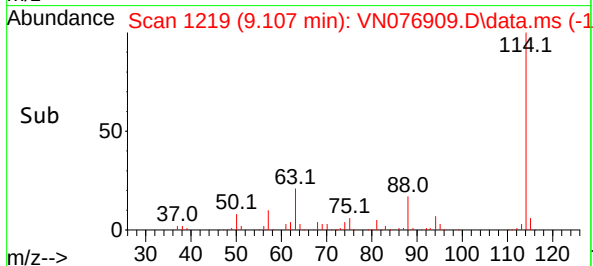
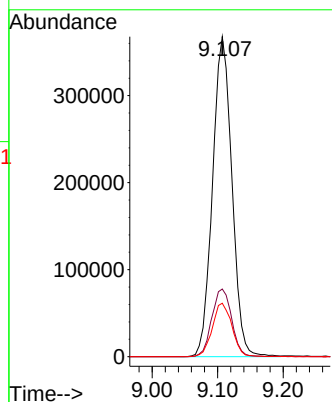
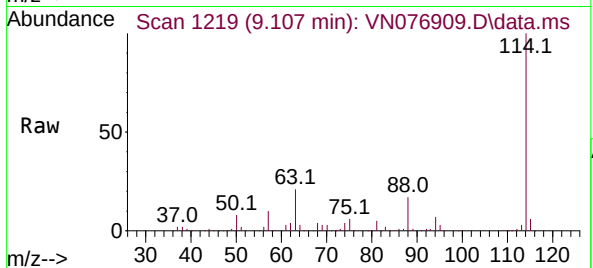
Tgt Ion:114 Resp: 754094

Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.6

88 16.7 0.0 28.6



#35

Dibromofluoromethane

Concen: 49.717 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076909.D

Acq: 09 Mar 2023 18:04

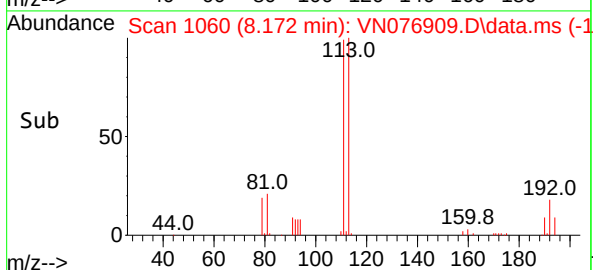
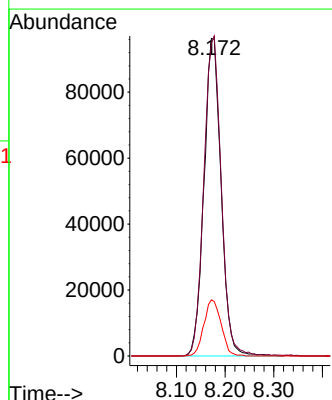
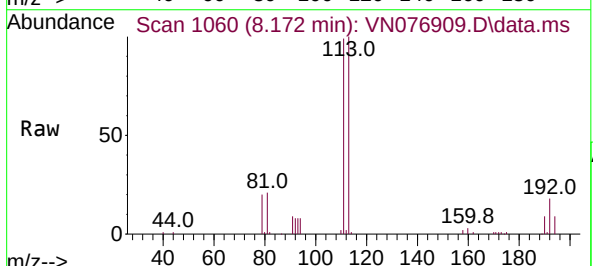
Tgt Ion:113 Resp: 234537

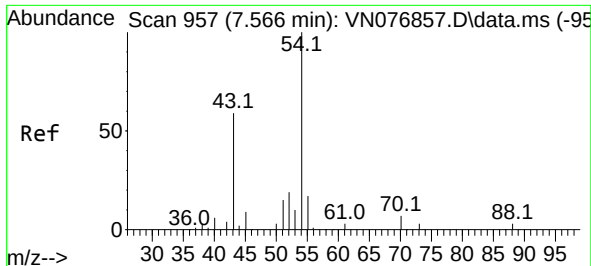
Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

192 17.8 13.9 20.9

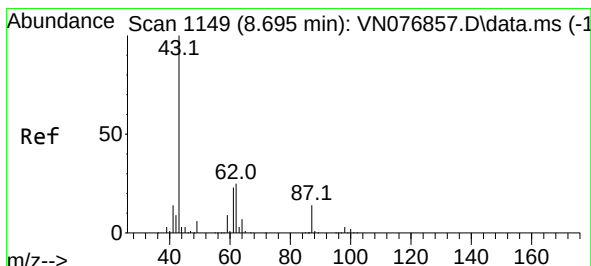
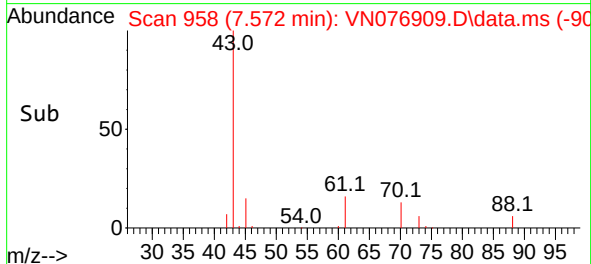
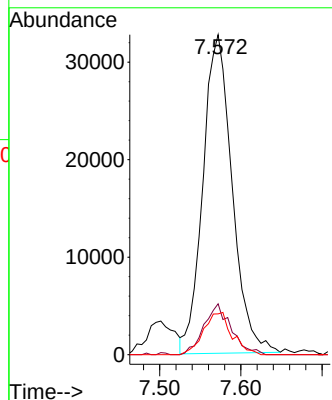
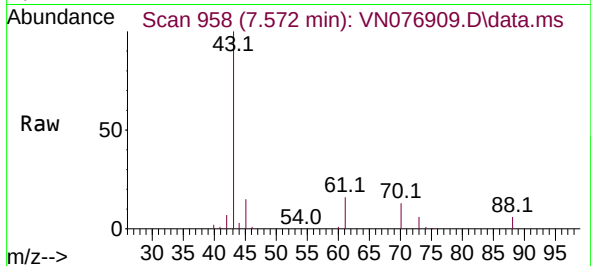




#37
Ethyl Acetate
Concen: 10.496 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076909.D
Acq: 09 Mar 2023 18:04

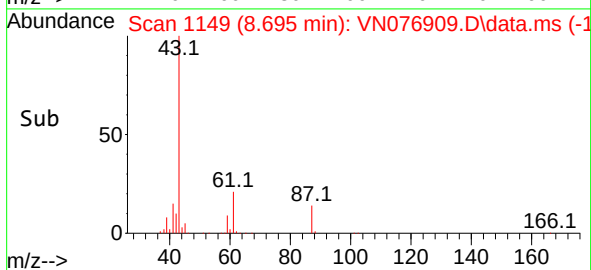
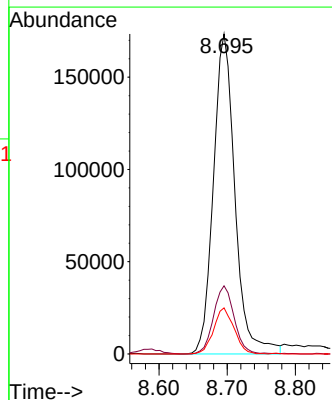
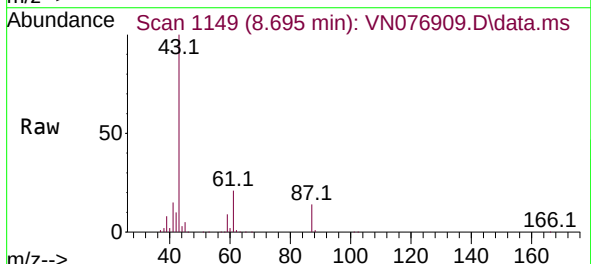
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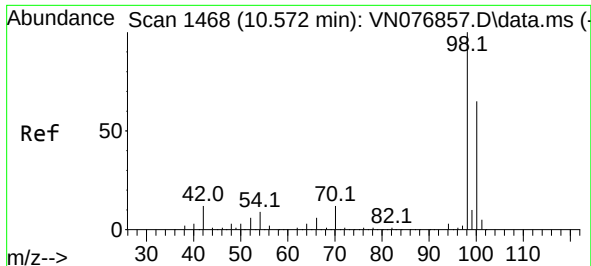
Tgt Ion:	43	Resp:	81689
Ion	Ratio	Lower	Upper
43	100		
61	14.9	13.5	20.3
70	12.9	11.0	16.6



#43
Isopropyl Acetate
Concen: 32.072 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076909.D
Acq: 09 Mar 2023 18:04

Tgt Ion:	43	Resp:	382116
Ion	Ratio	Lower	Upper
43	100		
61	20.4	26.2	39.2#
87	13.6	14.8	22.2#

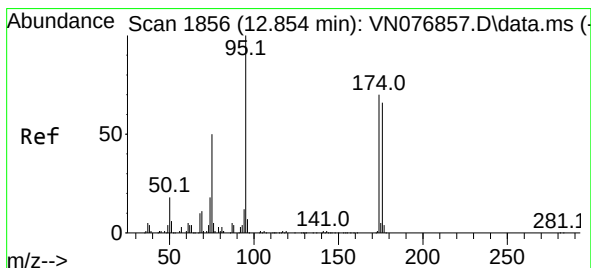
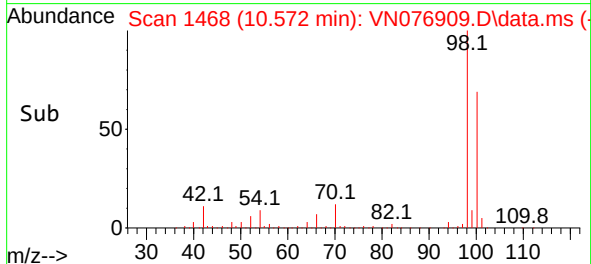
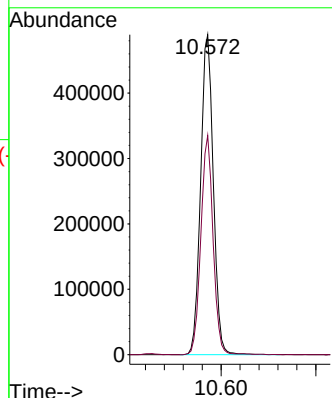
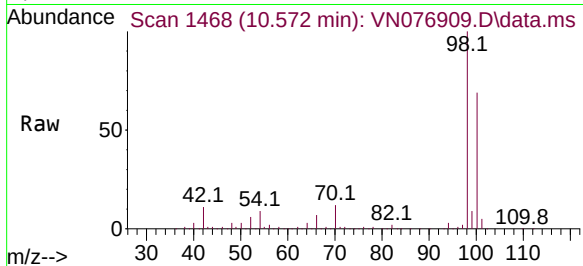




#50
Toluene-d8
Concen: 50.015 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076909.D
Acq: 09 Mar 2023 18:04

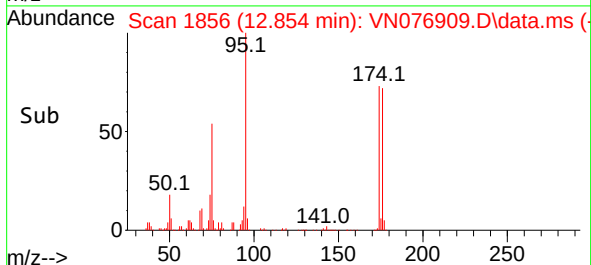
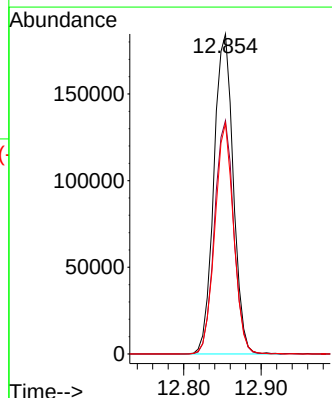
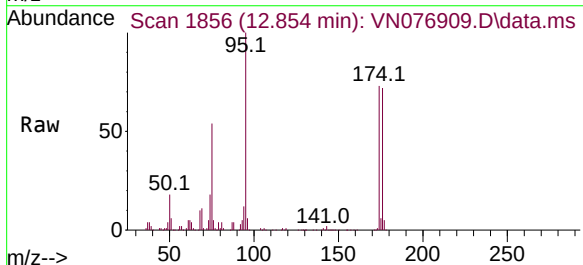
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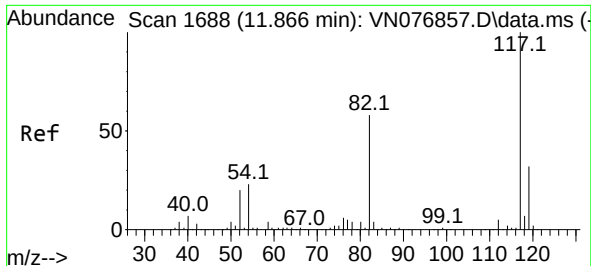
Tgt Ion: 98 Resp: 909023
Ion Ratio Lower Upper
98 100
100 66.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.902 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076909.D
Acq: 09 Mar 2023 18:04

Tgt Ion: 95 Resp: 320571
Ion Ratio Lower Upper
95 100
174 72.1 0.0 162.4
176 69.6 0.0 157.4

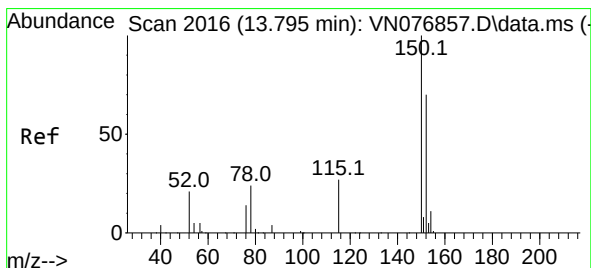
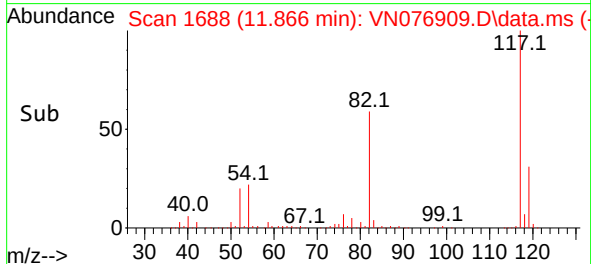
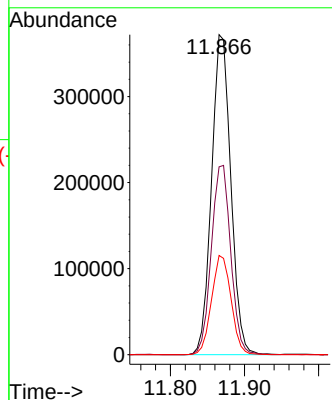
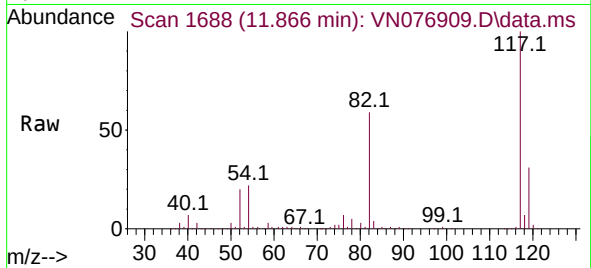




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076909.D
Acq: 09 Mar 2023 18:04

Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#02

Tgt Ion:117 Resp: 671057
Ion Ratio Lower Upper
117 100
82 58.7 43.5 65.3
119 31.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN076909.D
Acq: 09 Mar 2023 18:04

Tgt Ion:152 Resp: 273298
Ion Ratio Lower Upper
152 100
115 65.1 30.3 90.9
150 158.6 0.0 353.6

