

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020223\
 Data File : VN076515.D
 Acq On : 02 Feb 2023 17:15
 Operator : JC\MD
 Sample : PB150614ZHE#1
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150614ZHE#1

Quant Time: Feb 03 01:03:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

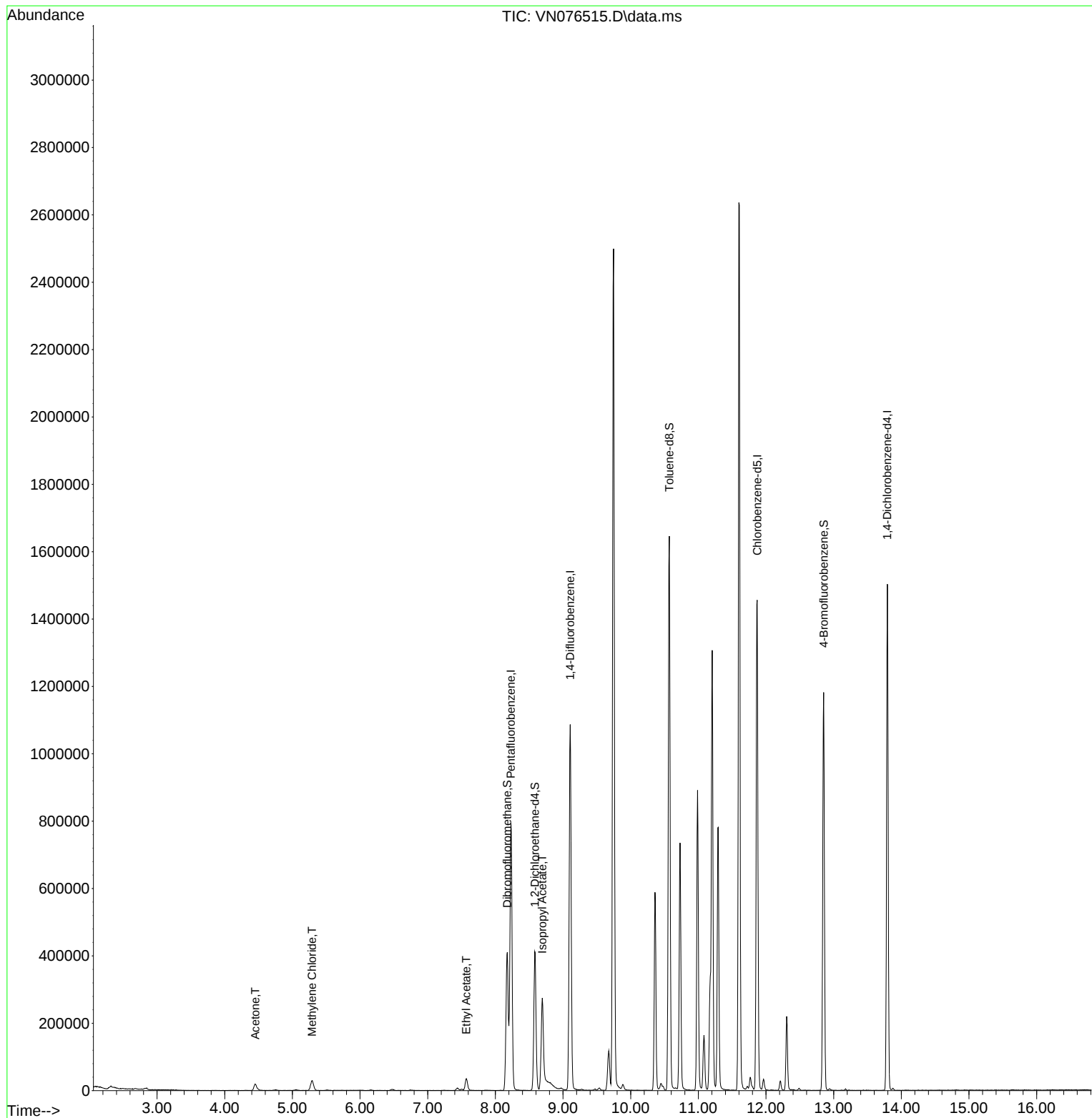
Internal Standards						
1) Pentafluorobenzene	8.229	168	586532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	985448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	901091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	433683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	353273	53.793	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.580%		
35) Dibromofluoromethane	8.176	113	299614	48.604	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.200%		
50) Toluene-d8	10.570	98	1175748	51.645	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.300%		
62) 4-Bromofluorobenzene	12.853	95	437216	58.829	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 117.660%		
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	37263	17.631	ug/l	100
20) Methylene Chloride	5.288	84	23588	3.223	ug/l	96
37) Ethyl Acetate	7.571	43	52371	7.485	ug/l	100
43) Isopropyl Acetate	8.694	43	377771	33.052	ug/l #	79

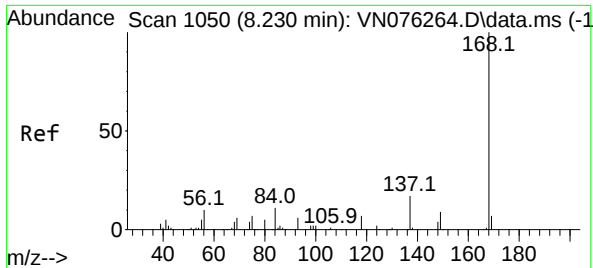
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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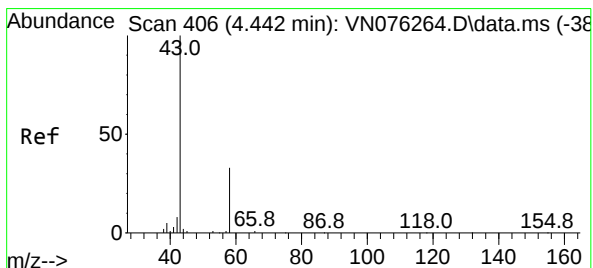
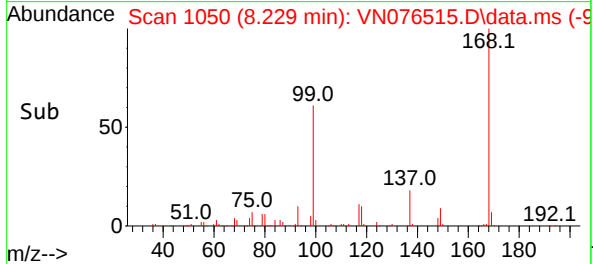
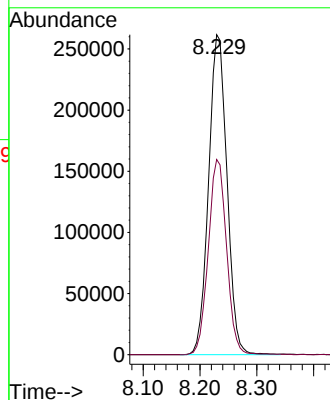
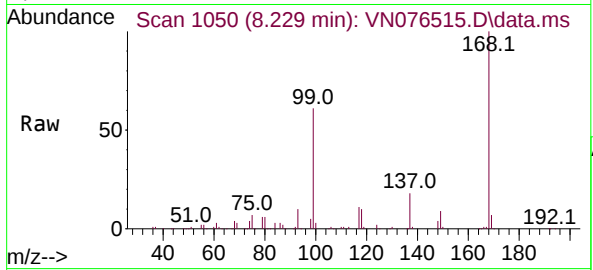




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076515.D
Acq: 02 Feb 2023 17:15

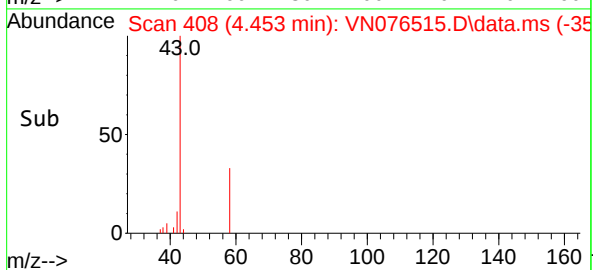
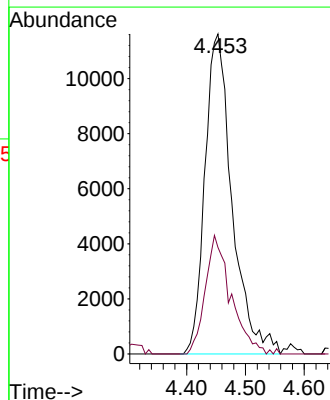
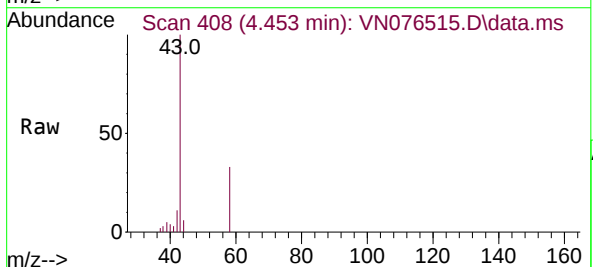
Instrument :
MSVOA_N
ClientSampleId :
PB150614ZHE#1

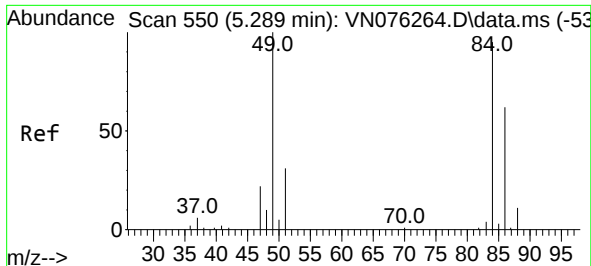
Tgt Ion:168 Resp: 586532
Ion Ratio Lower Upper
168 100
99 61.0 41.6 62.4



#16
Acetone
Concen: 17.631 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN076515.D
Acq: 02 Feb 2023 17:15

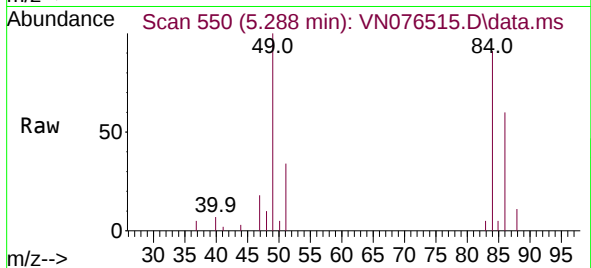
Tgt Ion: 43 Resp: 37263
Ion Ratio Lower Upper
43 100
58 33.3 26.7 40.1



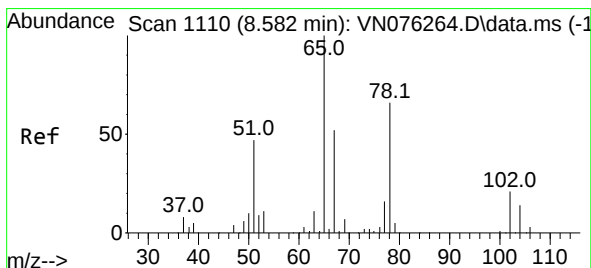
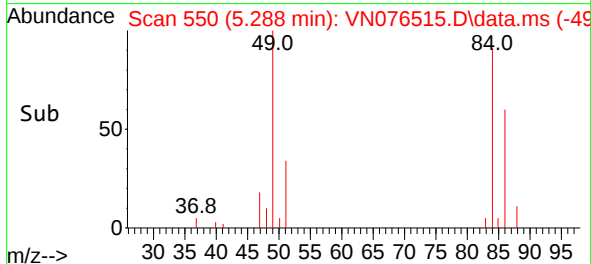
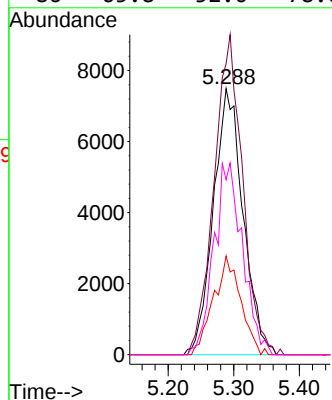


#20
Methylene Chloride
Concen: 3.223 ug/l
RT: 5.288 min Scan# 511
Delta R.T. -0.001 min
Lab File: VN076515.D
Acq: 02 Feb 2023 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB150614ZHE#1

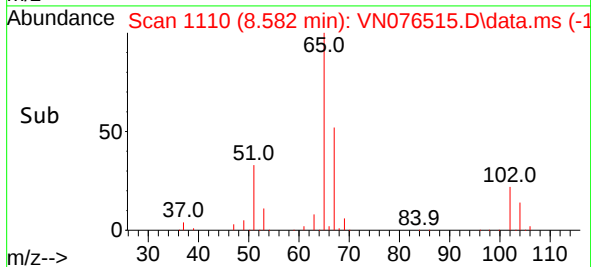
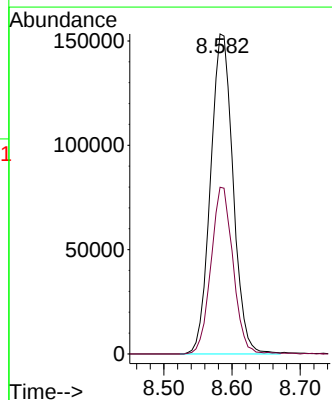
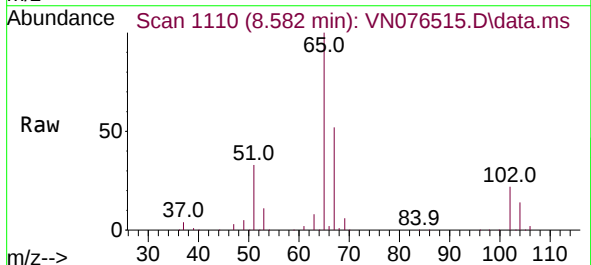


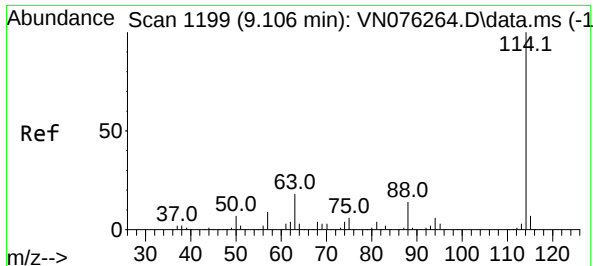
Tgt Ion:	84	Resp:	23588
Ion	Ratio	Lower	Upper
84	100		
49	109.4	84.5	126.7
51	37.1	26.0	39.0
86	65.8	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 53.793 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076515.D
Acq: 02 Feb 2023 17:15

Tgt Ion:	65	Resp:	353273
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076515.D

Acq: 02 Feb 2023 17:15

Instrument :

MSVOA_N

ClientSampleId :

PB150614ZHE#1

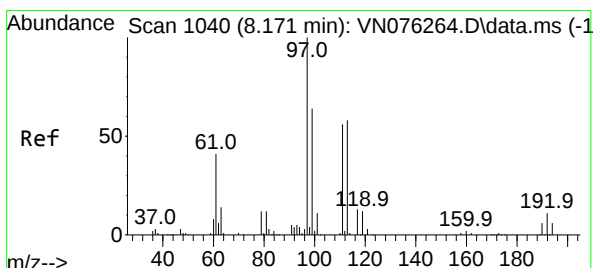
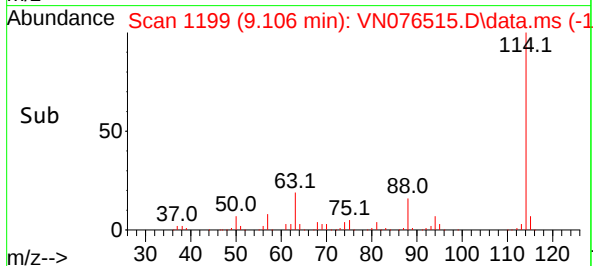
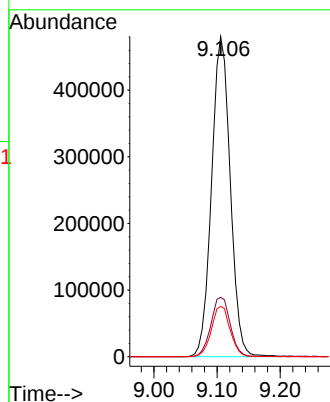
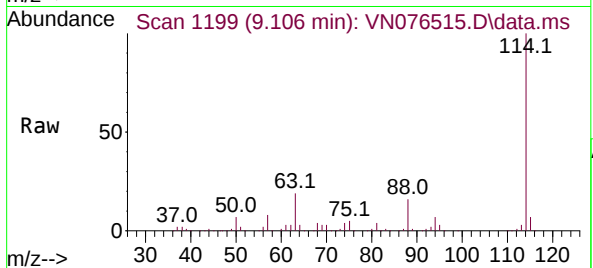
Tgt Ion:114 Resp: 985448

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.8

88 15.7 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.604 ug/l

RT: 8.176 min Scan# 1041

Delta R.T. 0.005 min

Lab File: VN076515.D

Acq: 02 Feb 2023 17:15

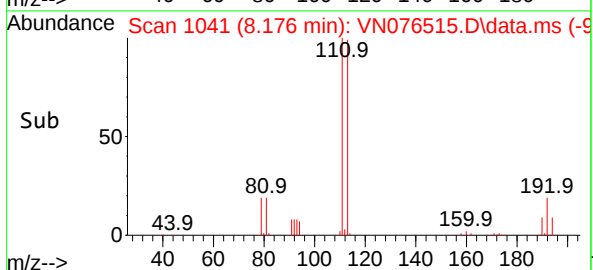
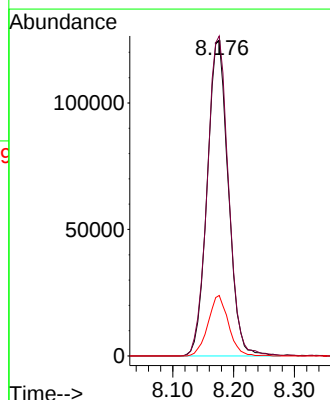
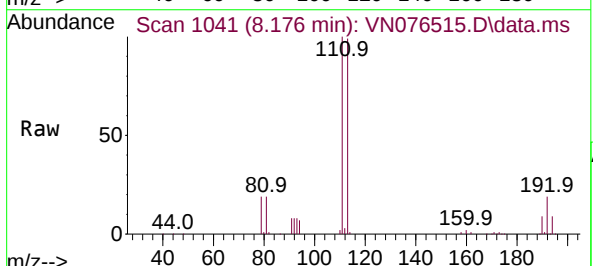
Tgt Ion:113 Resp: 299614

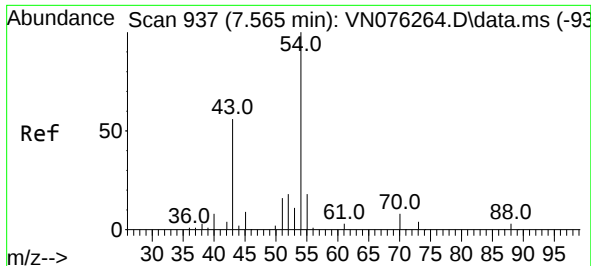
Ion Ratio Lower Upper

113 100

111 102.5 82.7 124.1

192 18.6 15.6 23.4

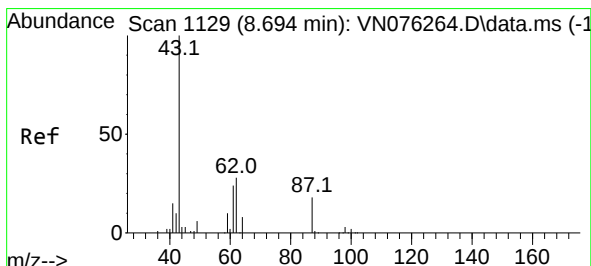
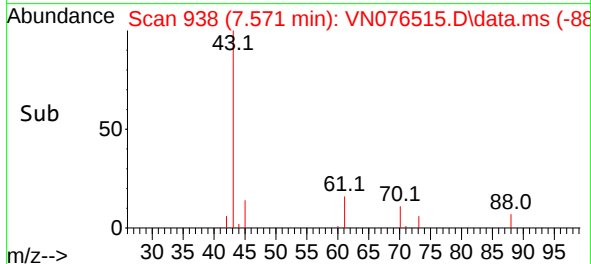
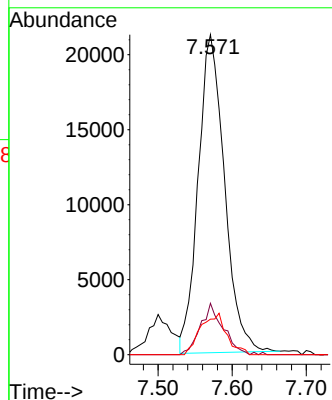
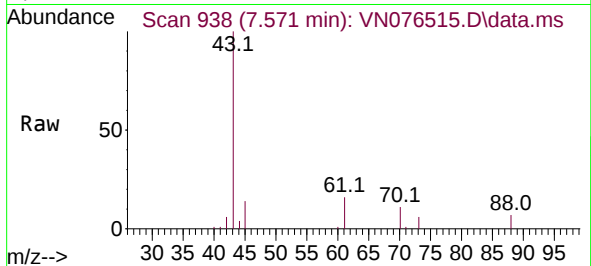




#37
Ethyl Acetate
Concen: 7.485 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076515.D
Acq: 02 Feb 2023 17:15

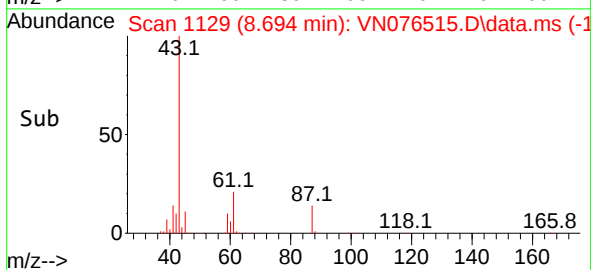
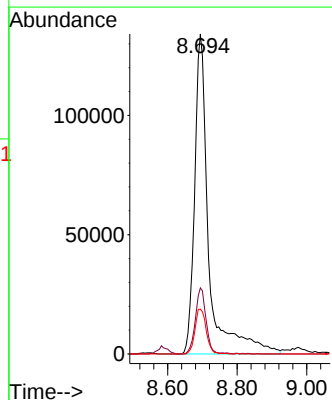
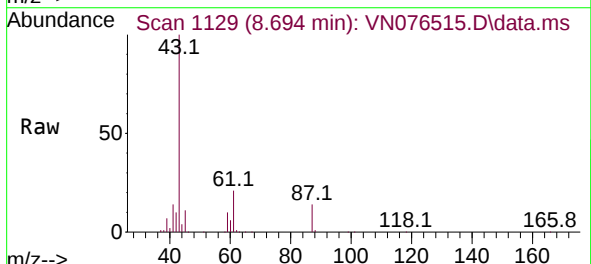
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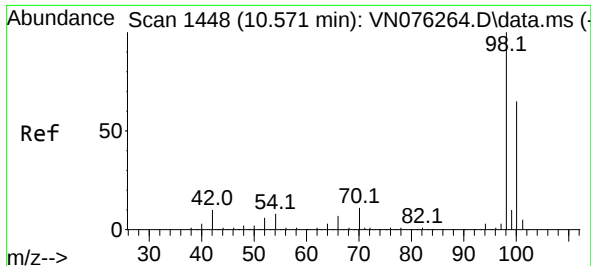
Tgt Ion:	43	Resp:	52371
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.1	16.7
70	12.8	10.0	15.0



#43
Isopropyl Acetate
Concen: 33.052 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076515.D
Acq: 02 Feb 2023 17:15

Tgt Ion:	43	Resp:	377771
Ion	Ratio	Lower	Upper
43	100		
61	15.6	23.5	35.3#
87	11.1	13.8	20.6#

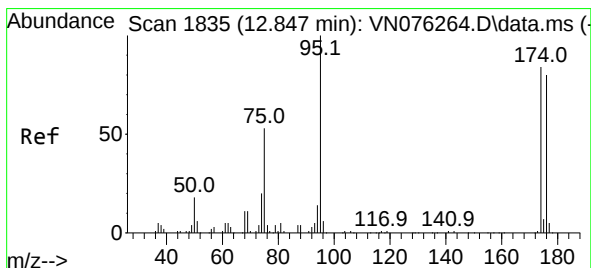
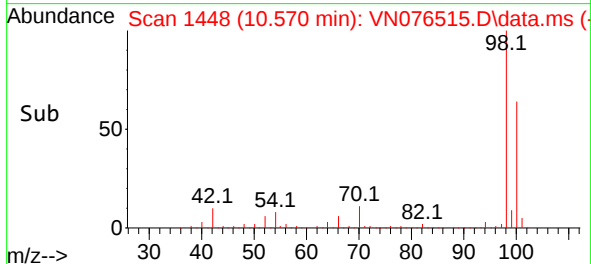
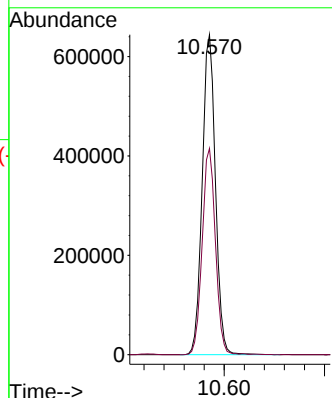
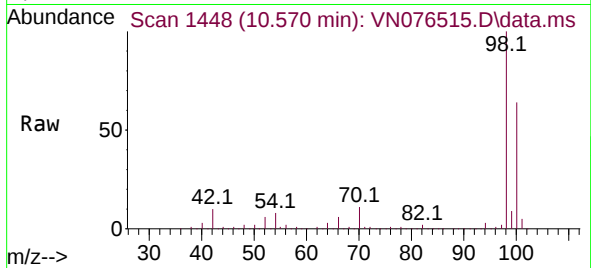




#50
Toluene-d8
Concen: 51.645 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN076515.D
Acq: 02 Feb 2023 17:15

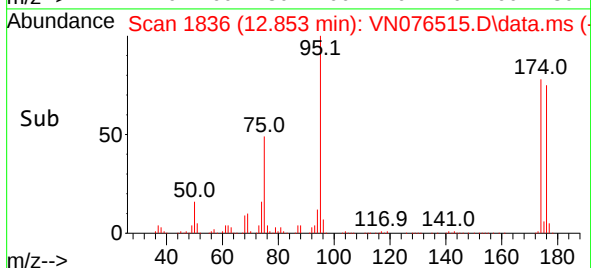
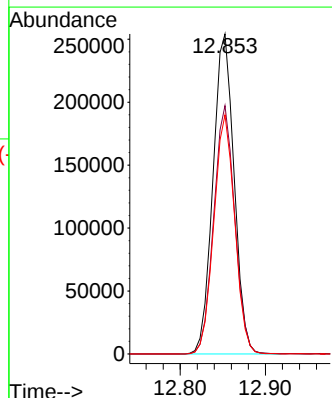
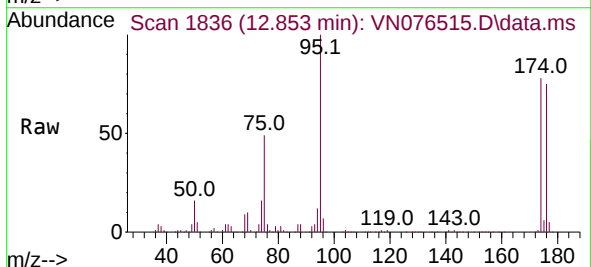
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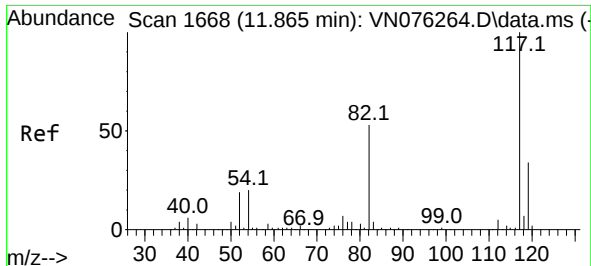
Tgt Ion: 98 Resp: 1175748
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 58.829 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076515.D
Acq: 02 Feb 2023 17:15

Tgt Ion: 95 Resp: 437216
Ion Ratio Lower Upper
95 100
174 77.3 0.0 174.6
176 73.9 0.0 167.8

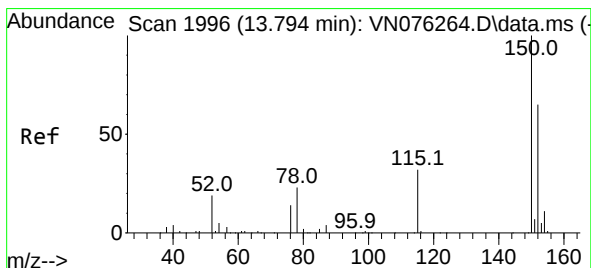
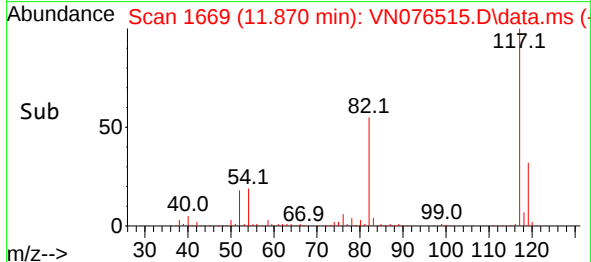
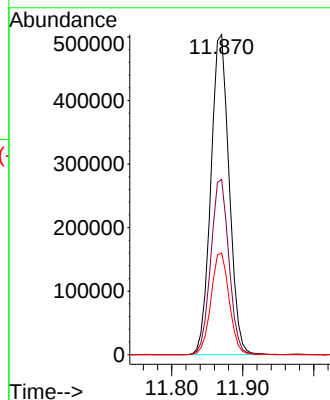
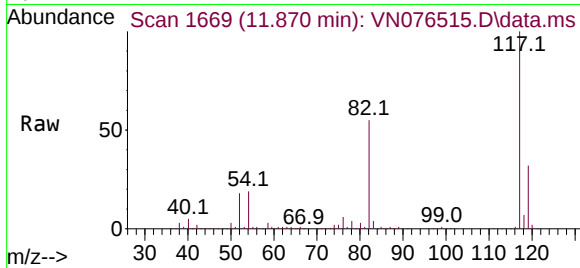




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN076515.D
Acq: 02 Feb 2023 17:15

Instrument :
MSVOA_N
ClientSampleId :
PB150614ZHE#1

Tgt Ion:117 Resp: 901091
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.2
119 31.8 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076515.D
Acq: 02 Feb 2023 17:15

Tgt Ion:152 Resp: 433683
Ion Ratio Lower Upper
152 100
115 60.1 29.6 88.9
150 154.6 0.0 351.4

