

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100623\
 Data File : VN079447.D
 Acq On : 06 Oct 2023 15:06
 Operator : JC\MD
 Sample : PB156147ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156147ZHE#02

Quant Time: Oct 06 23:04:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

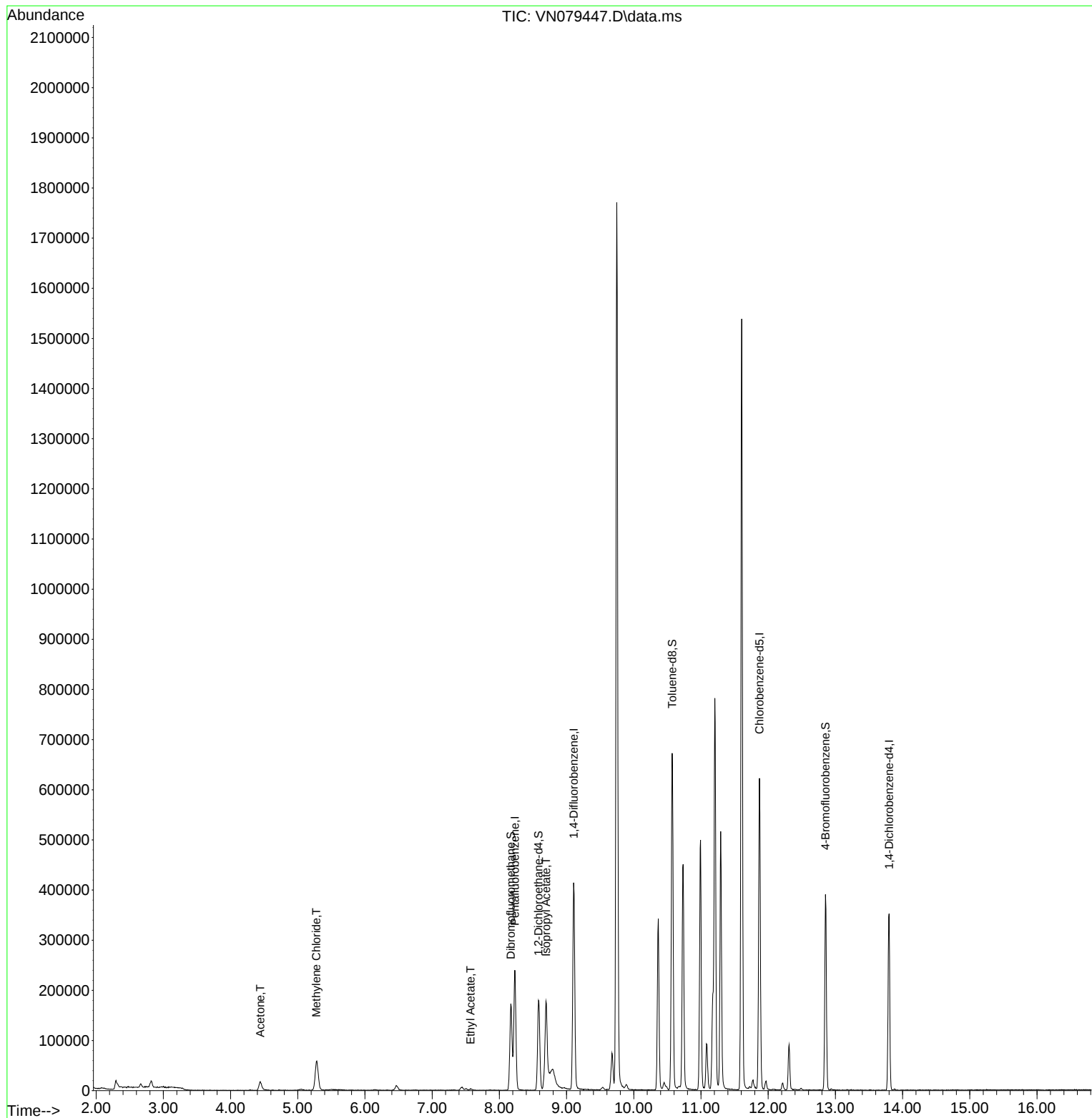
Internal Standards						
1) Pentafluorobenzene	8.230	168	163463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	345024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	348683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	93407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	147846	55.782	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.560%
35) Dibromofluoromethane	8.171	113	121480	48.994	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.980%
50) Toluene-d8	10.571	98	457634	51.010	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.020%
62) 4-Bromofluorobenzene	12.853	95	129566	45.002	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.000%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	34447	32.768	ug/l	99
20) Methylene Chloride	5.277	84	44325	18.880	ug/l #	82
37) Ethyl Acetate	7.571	43	4625	1.249	ug/l #	74
43) Isopropyl Acetate	8.694	43	225546	34.768	ug/l #	73

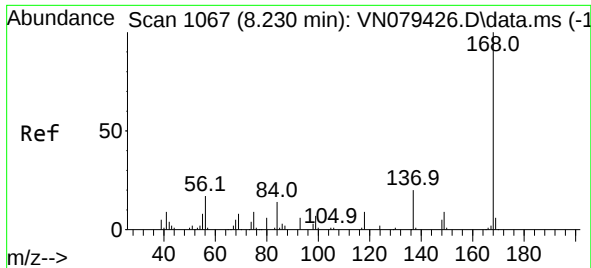
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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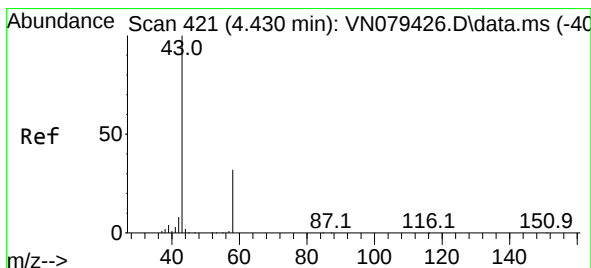
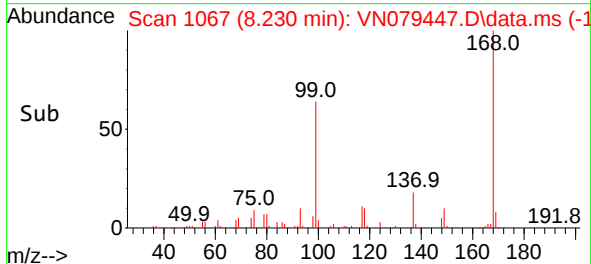
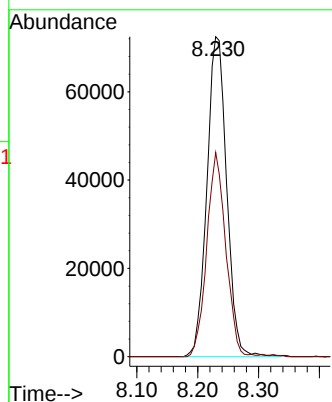
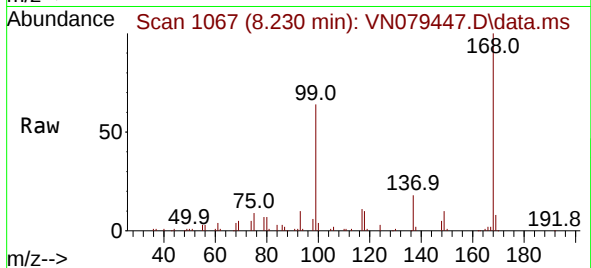




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079447.D
Acq: 06 Oct 2023 15:06

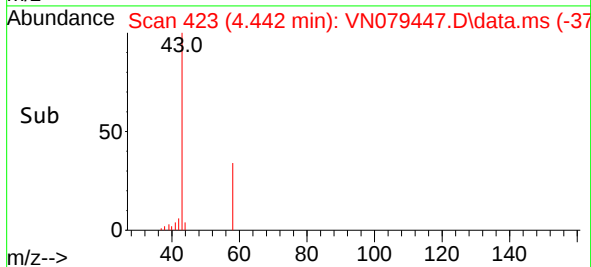
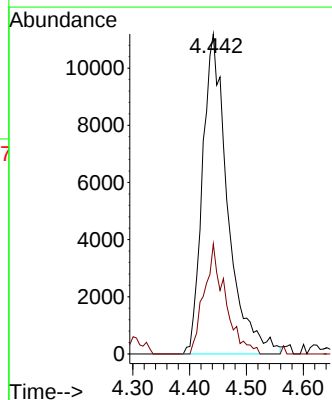
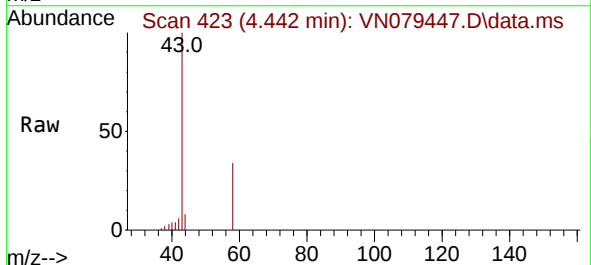
Instrument :
MSVOA_N
ClientSampleId :
PB156147ZHE#02

Tgt Ion:168 Resp: 163463
Ion Ratio Lower Upper
168 100
99 63.8 53.0 79.6



#16
Acetone
Concen: 32.768 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079447.D
Acq: 06 Oct 2023 15:06

Tgt Ion: 43 Resp: 34447
Ion Ratio Lower Upper
43 100
58 34.4 28.0 42.0

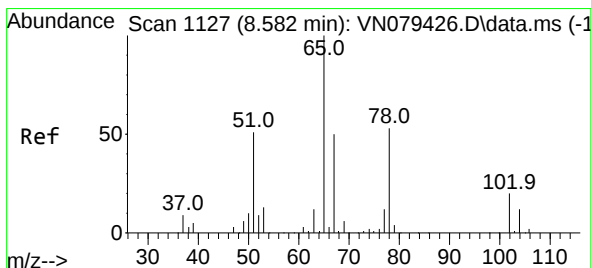
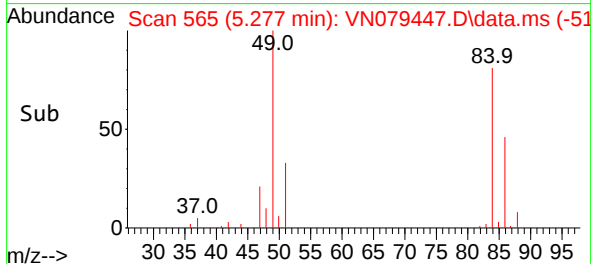
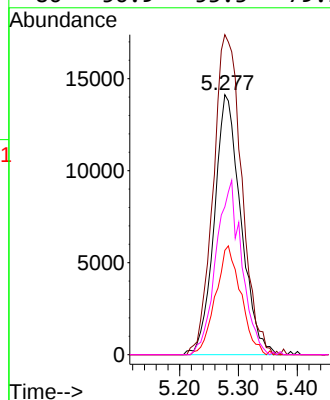
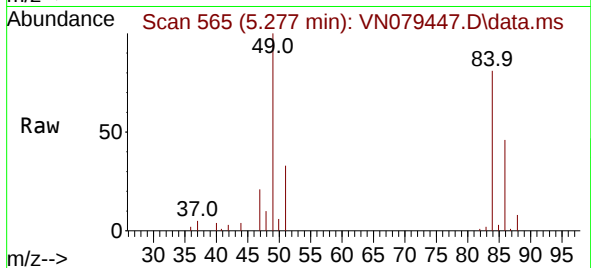




#20
Methylene Chloride
Concen: 18.880 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079447.D
Acq: 06 Oct 2023 15:06

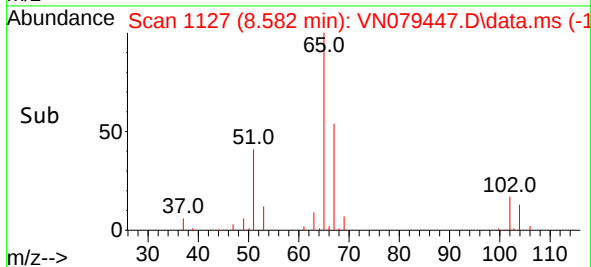
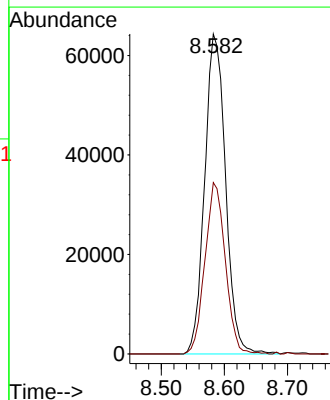
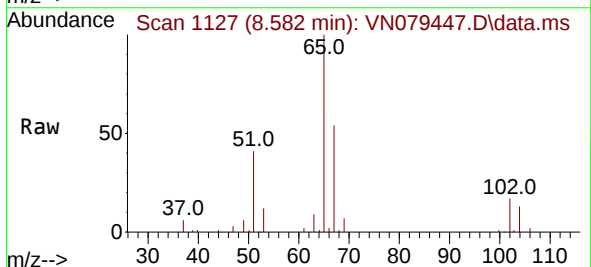
Instrument :
MSVOA_N
ClientSampleId :
PB156147ZHE#02

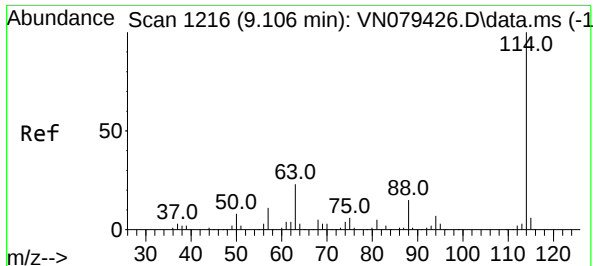
Tgt Ion:	84	Resp:	44325
Ion	Ratio	Lower	Upper
84	100		
49	123.1	79.7	119.5#
51	40.1	25.2	37.8#
86	56.9	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 55.782 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079447.D
Acq: 06 Oct 2023 15:06

Tgt Ion:	65	Resp:	147846
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079447.D

Acq: 06 Oct 2023 15:06

Instrument :

MSVOA_N

ClientSampleId :

PB156147ZHE#02

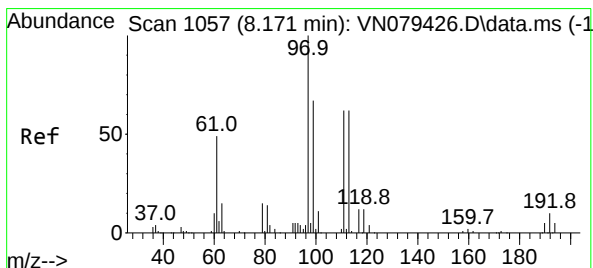
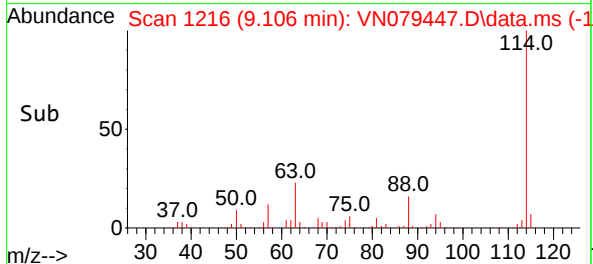
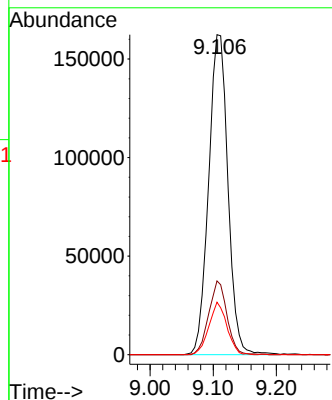
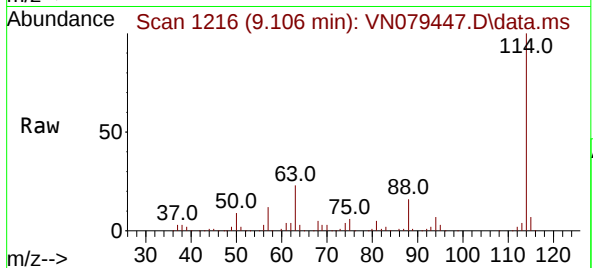
Tgt Ion:114 Resp: 345024

Ion Ratio Lower Upper

114 100

63 23.1 0.0 36.4

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.994 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079447.D

Acq: 06 Oct 2023 15:06

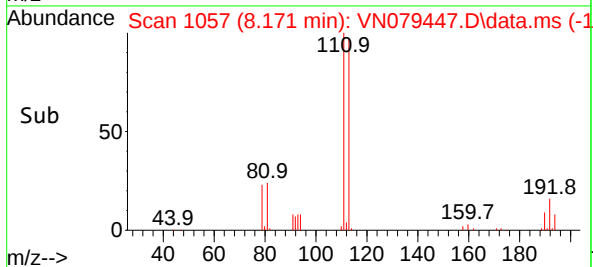
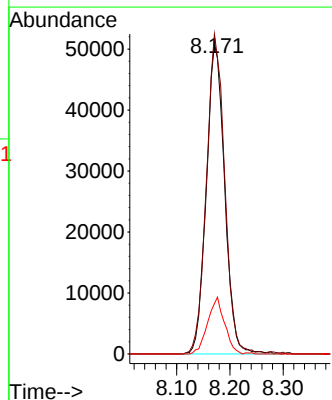
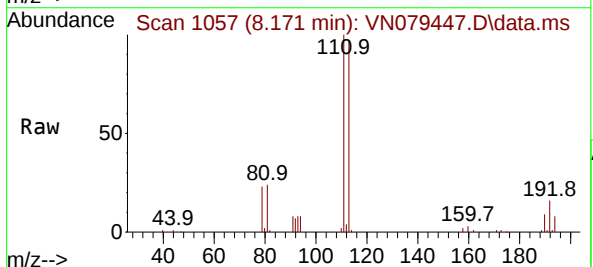
Tgt Ion:113 Resp: 121480

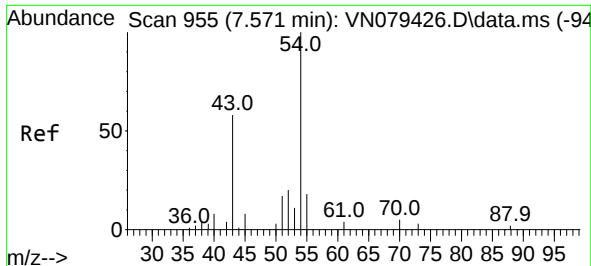
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 16.9 12.7 19.1





#37

Ethyl Acetate

Concen: 1.249 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN079447.D

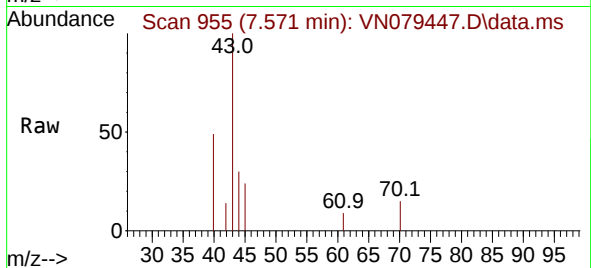
Acq: 06 Oct 2023 15:06

Instrument :

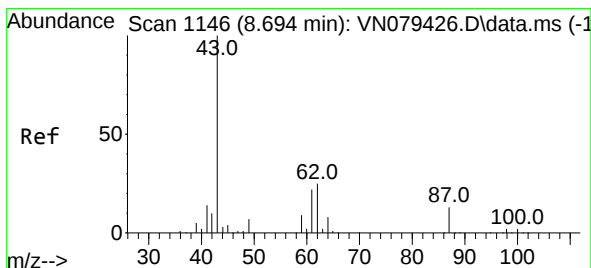
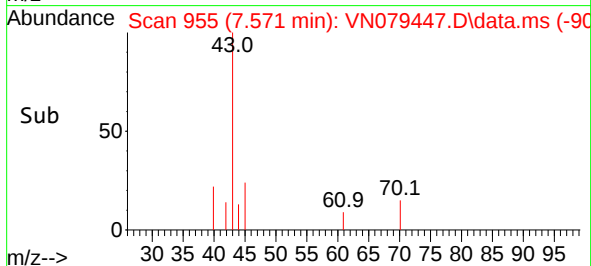
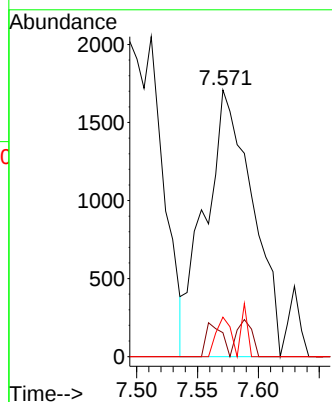
MSVOA_N

ClientSampleId :

PB156147ZHE#02



Tgt Ion:	43	Resp:	4625
Ion	Ratio	Lower	Upper
43	100		
61	4.2	13.2	19.8#
70	4.5	11.3	16.9#



#43

Isopropyl Acetate

Concen: 34.768 ug/l

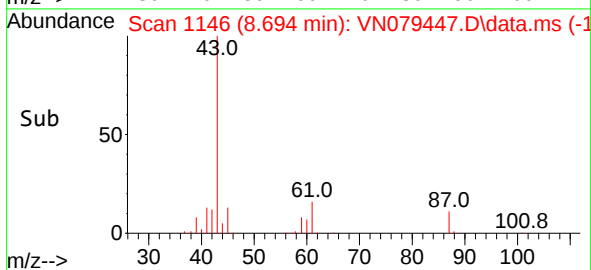
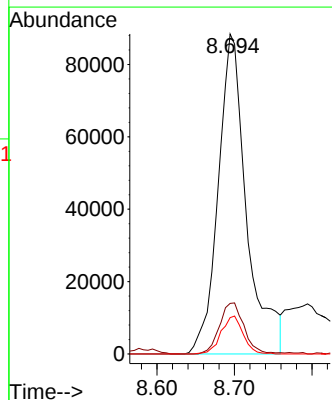
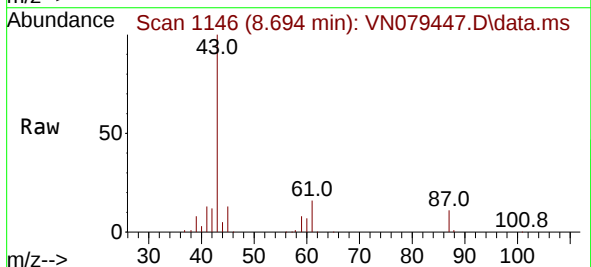
RT: 8.694 min Scan# 1146

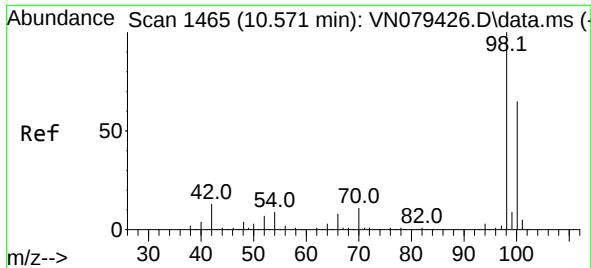
Delta R.T. 0.000 min

Lab File: VN079447.D

Acq: 06 Oct 2023 15:06

Tgt Ion:	43	Resp:	225546
Ion	Ratio	Lower	Upper
43	100		
61	13.9	24.7	37.1#
87	9.2	14.6	21.8#

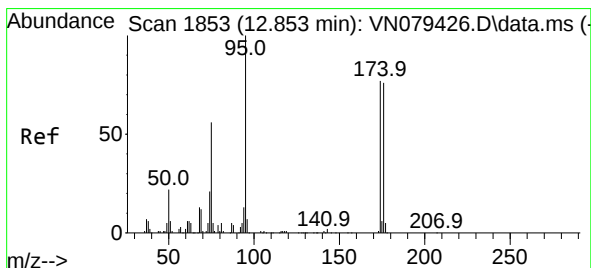
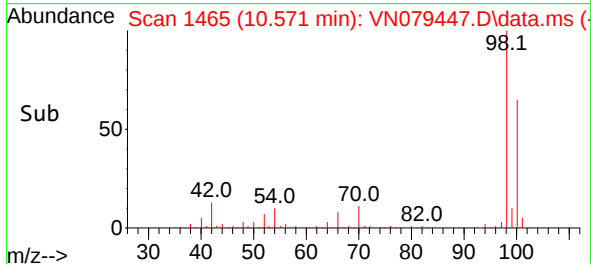
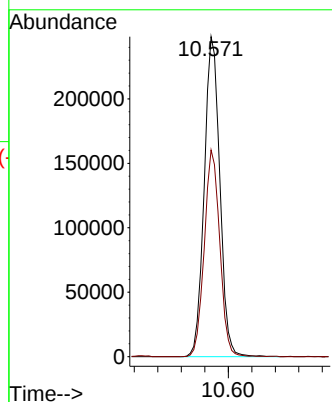
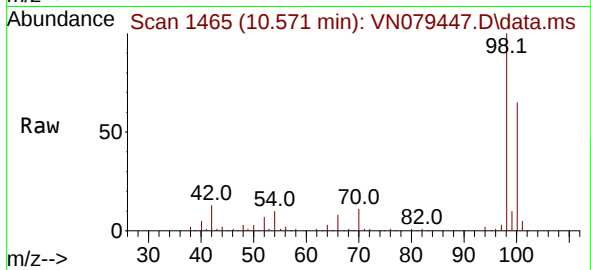




#50
Toluene-d8
Concen: 51.010 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079447.D
Acq: 06 Oct 2023 15:06

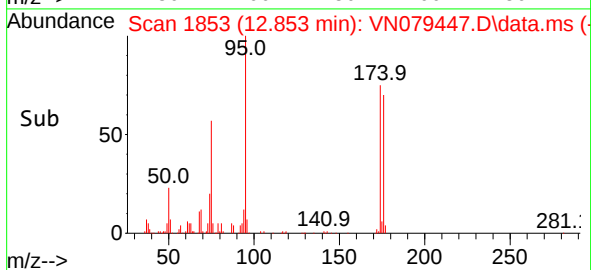
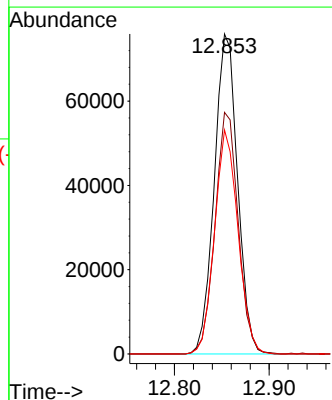
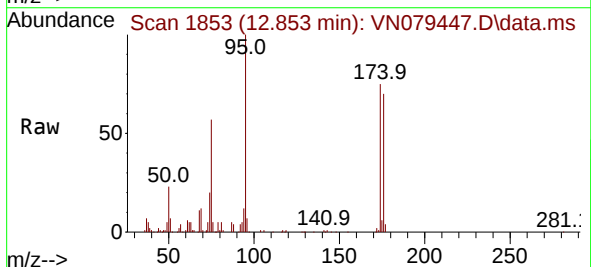
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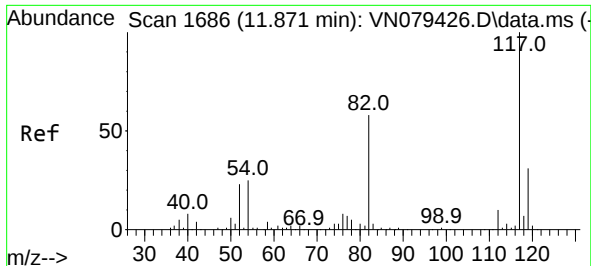
Tgt Ion: 98 Resp: 457634
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.002 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079447.D
Acq: 06 Oct 2023 15:06

Tgt Ion: 95 Resp: 129566
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 70.7 0.0 135.8

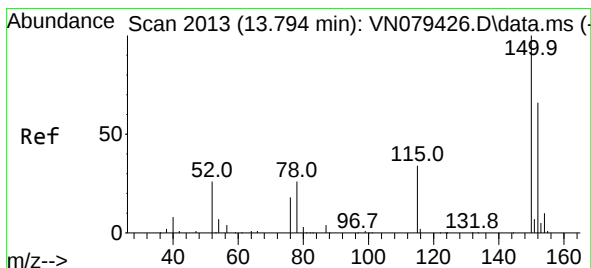
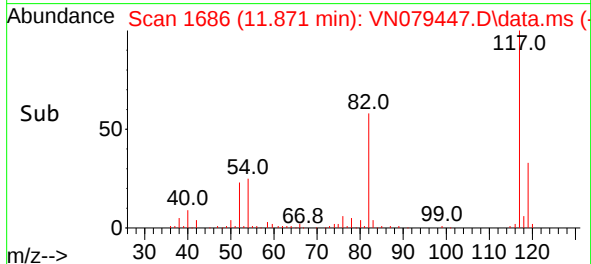
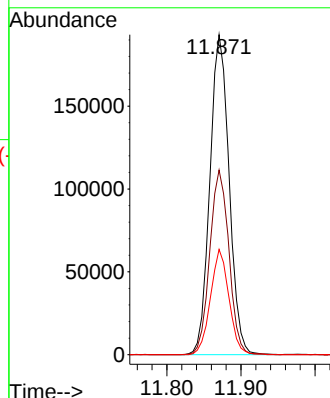
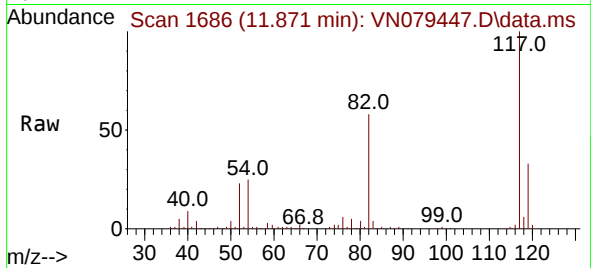




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079447.D
Acq: 06 Oct 2023 15:06

Instrument :
MSVOA_N
ClientSampleId :
PB156147ZHE#02

Tgt Ion:117 Resp: 348683
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 32.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079447.D
Acq: 06 Oct 2023 15:06

Tgt Ion:152 Resp: 93407
Ion Ratio Lower Upper
152 100
115 60.6 32.3 96.8
150 154.9 0.0 355.8

