

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100423\
 Data File : VN079416.D
 Acq On : 04 Oct 2023 20:25
 Operator : JC\MD
 Sample : PB156087ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156087ZHE#02

Quant Time: Oct 05 02:27:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

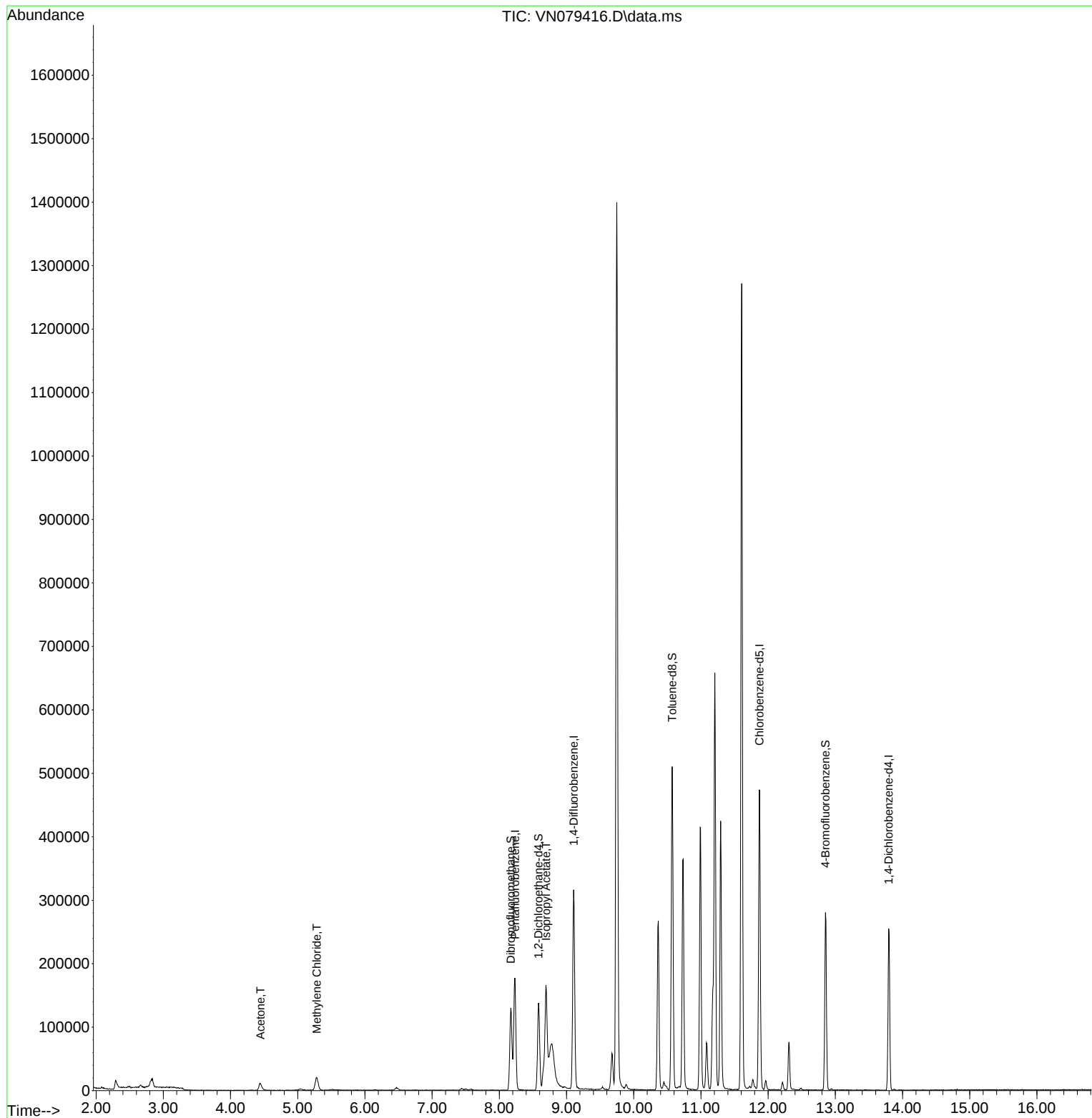
Internal Standards						
1) Pentafluorobenzene	8.236	168	125674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	258752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	258761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	65386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	109383	64.477	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 128.960%#			
35) Dibromofluoromethane	8.171	113	90579	52.626	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.260%			
50) Toluene-d8	10.571	98	341290	54.003	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.000%			
62) 4-Bromofluorobenzene	12.853	95	93614	46.438	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.880%			
Target Compounds					Qvalue	
16) Acetone	4.448	43	21741	30.175	ug/l	90
20) Methylene Chloride	5.283	84	15429	8.800	ug/l #	77
43) Isopropyl Acetate	8.694	43	211485	48.981	ug/l #	70

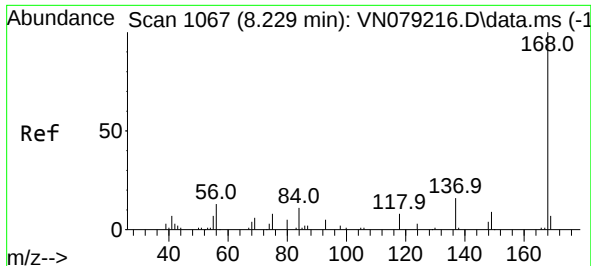
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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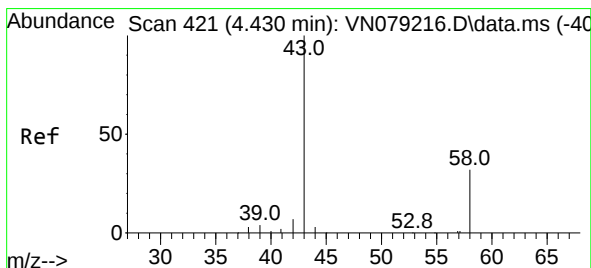
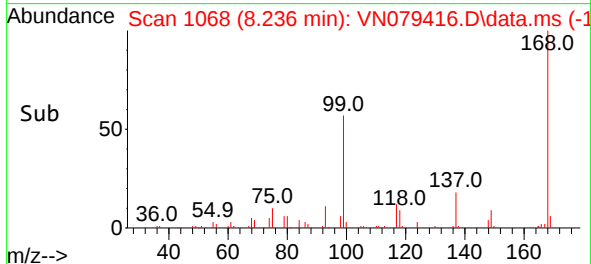
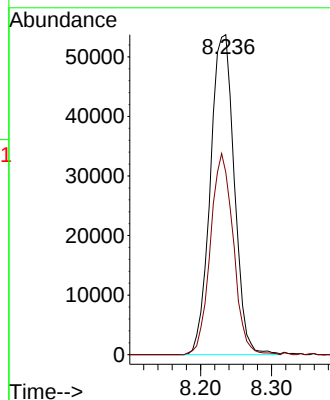
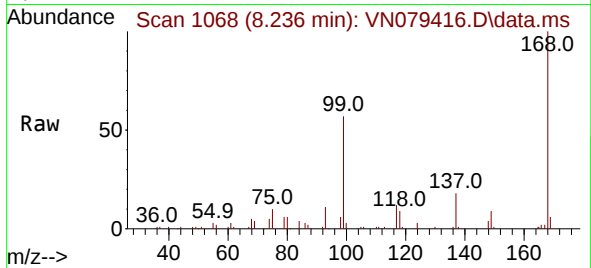




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN079416.D
Acq: 04 Oct 2023 20:25

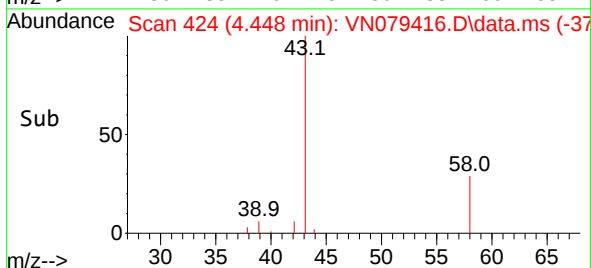
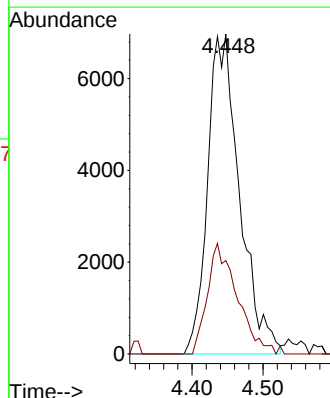
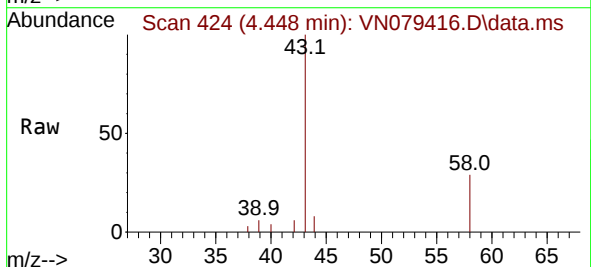
Instrument :
MSVOA_N
ClientSampleId :
PB156087ZHE#02

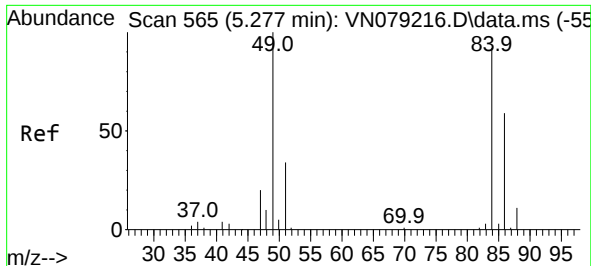
Tgt Ion:168 Resp: 125674
Ion Ratio Lower Upper
168 100
99 56.9 53.0 79.6



#16
Acetone
Concen: 30.175 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN079416.D
Acq: 04 Oct 2023 20:25

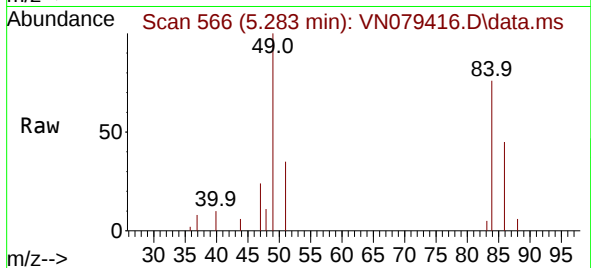
Tgt Ion: 43 Resp: 21741
Ion Ratio Lower Upper
43 100
58 29.2 28.0 42.0



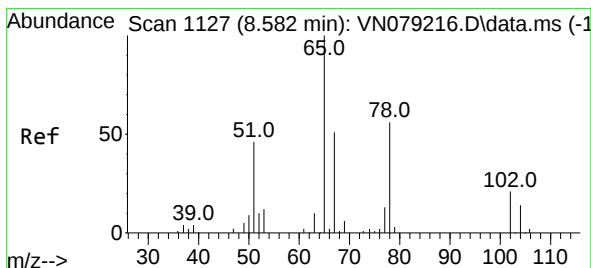
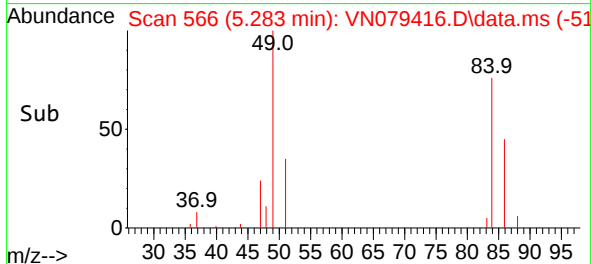
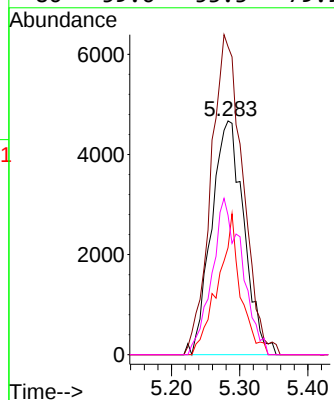


#20
Methylene Chloride
Concen: 8.800 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079416.D
Acq: 04 Oct 2023 20:25

Instrument :
MSVOA_N
ClientSampleId :
PB156087ZHE#02

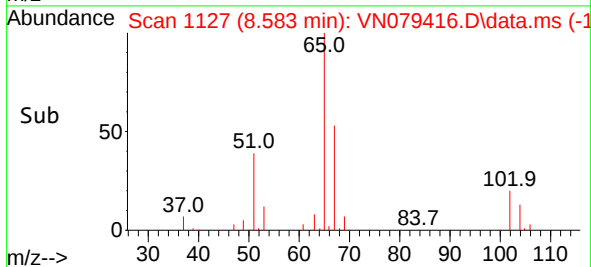
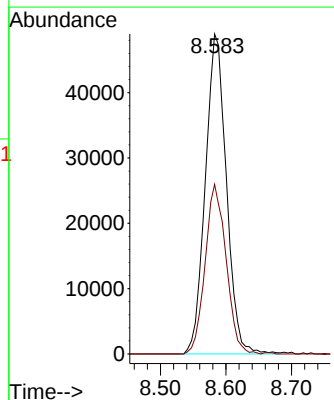
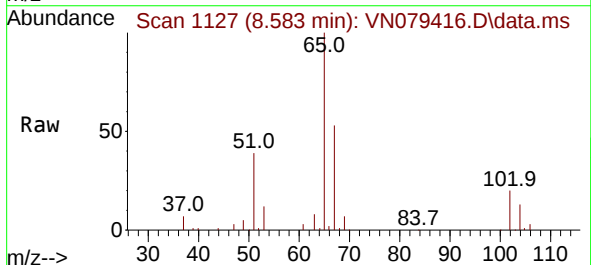


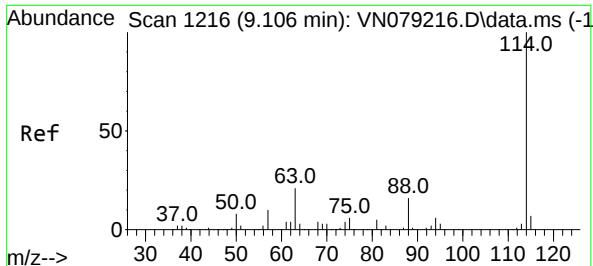
Tgt Ion:	84	Resp:	15429
Ion	Ratio	Lower	Upper
84	100		
49	131.7	79.7	119.5#
51	45.8	25.2	37.8#
86	59.6	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 64.477 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079416.D
Acq: 04 Oct 2023 20:25

Tgt Ion:	65	Resp:	109383
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079416.D

Acq: 04 Oct 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

PB156087ZHE#02

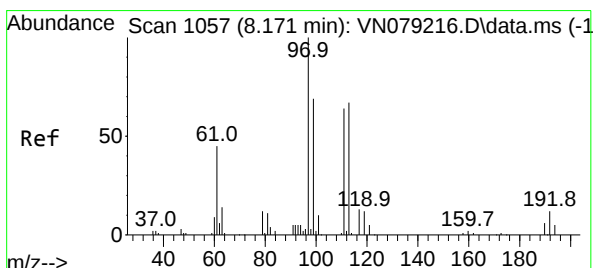
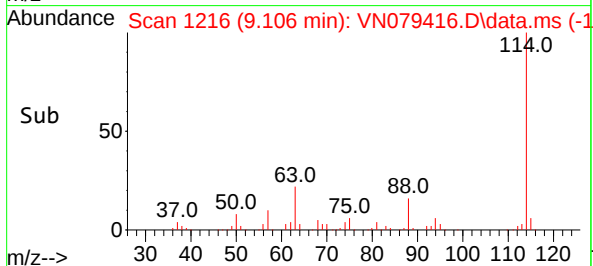
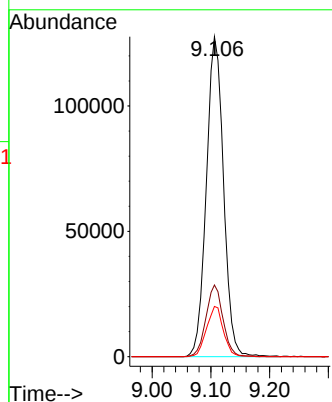
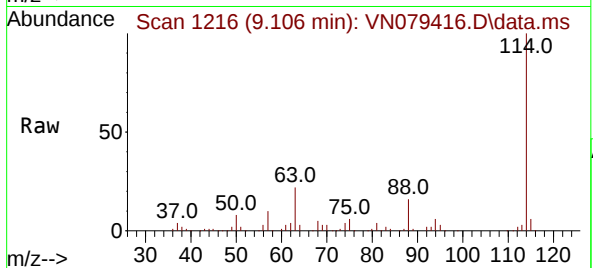
Tgt Ion:114 Resp: 258752

Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.626 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079416.D

Acq: 04 Oct 2023 20:25

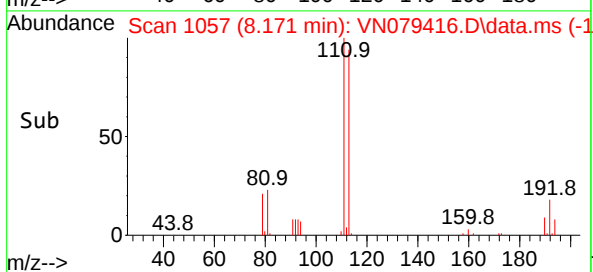
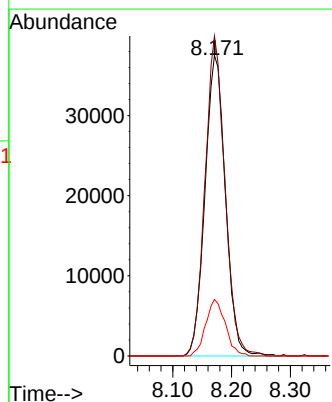
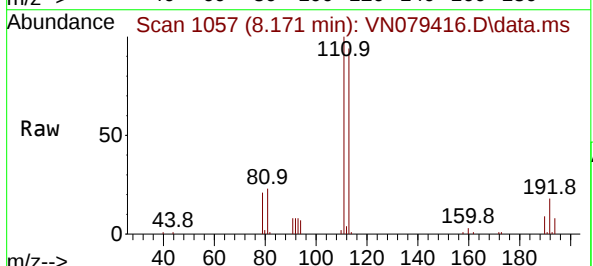
Tgt Ion:113 Resp: 90579

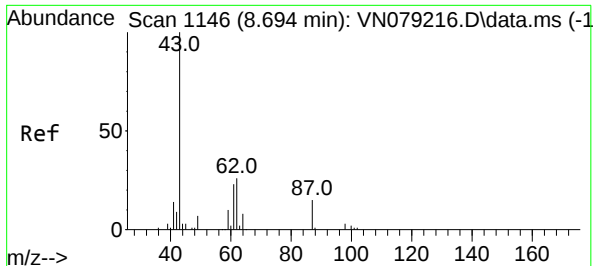
Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 18.1 12.7 19.1

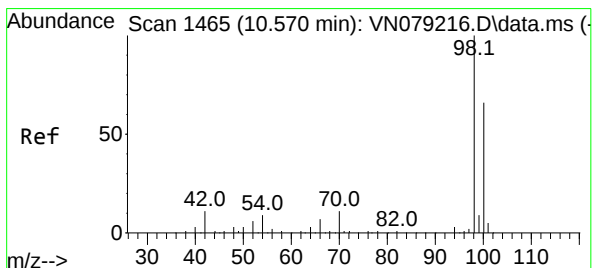
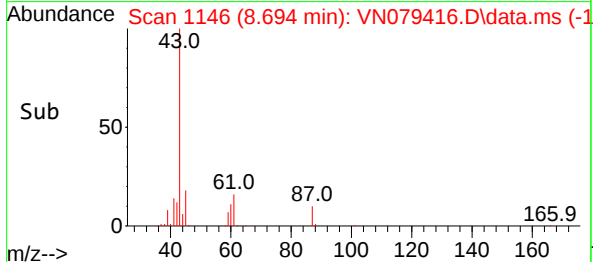
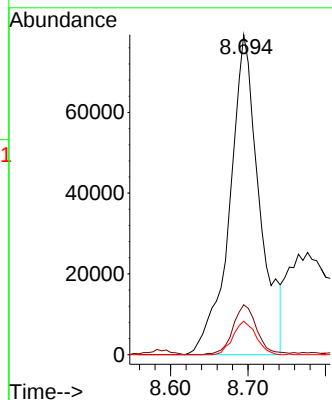
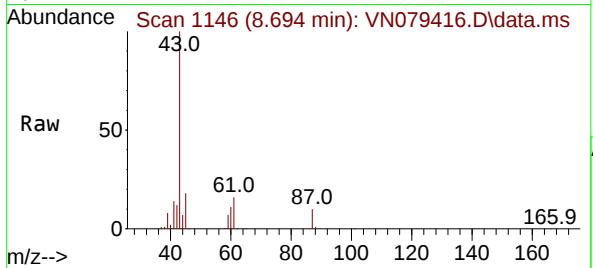




#43
Isopropyl Acetate
Concen: 48.981 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079416.D
Acq: 04 Oct 2023 20:25

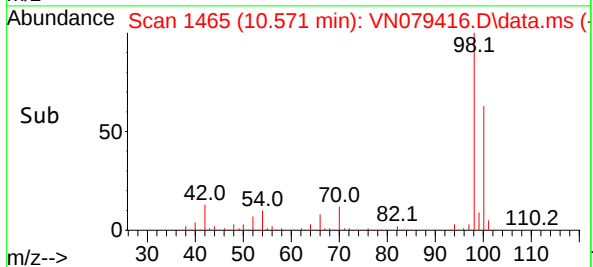
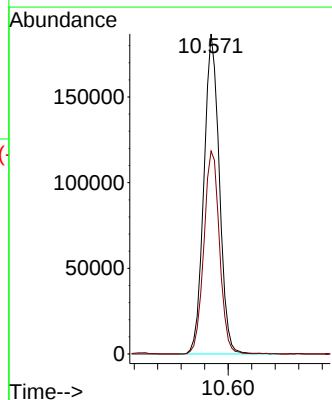
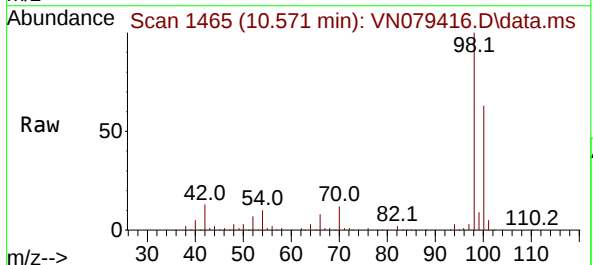
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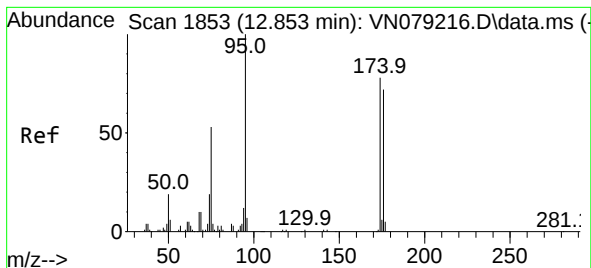
Tgt Ion: 43 Resp: 211485
Ion Ratio Lower Upper
43 100
61 12.6 24.7 37.1#
87 8.0 14.6 21.8#



#50
Toluene-d8
Concen: 54.003 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079416.D
Acq: 04 Oct 2023 20:25

Tgt Ion: 98 Resp: 341290
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

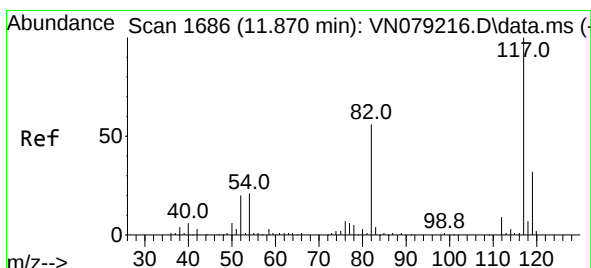
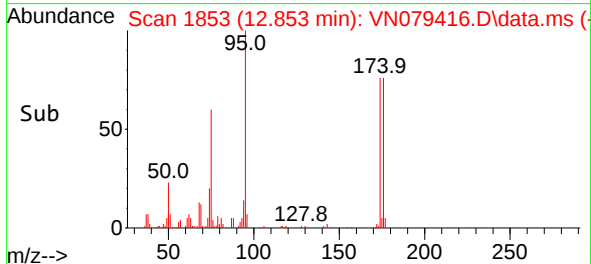
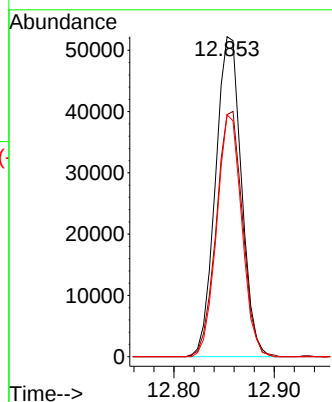
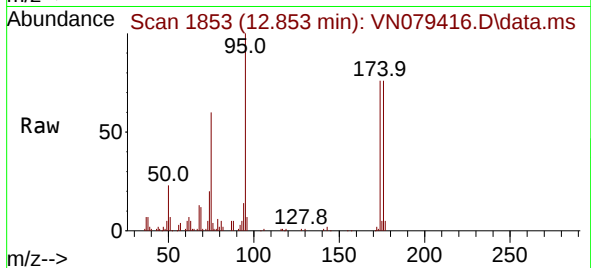




#62
4-Bromofluorobenzene
Concen: 46.438 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079416.D
Acq: 04 Oct 2023 20:25

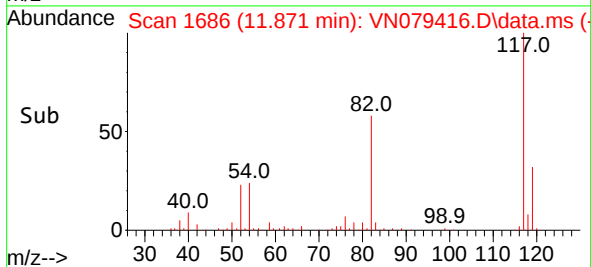
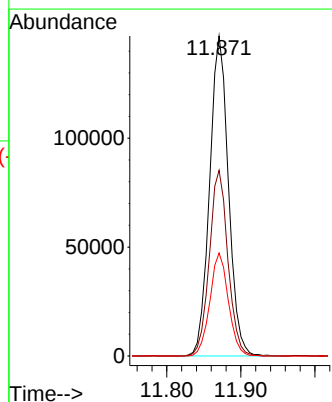
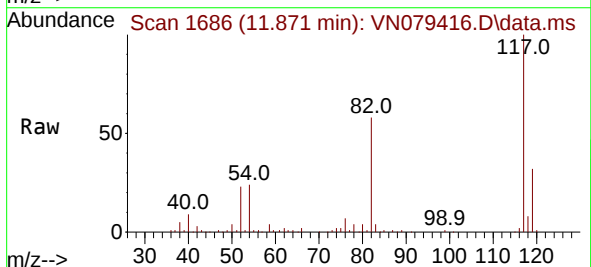
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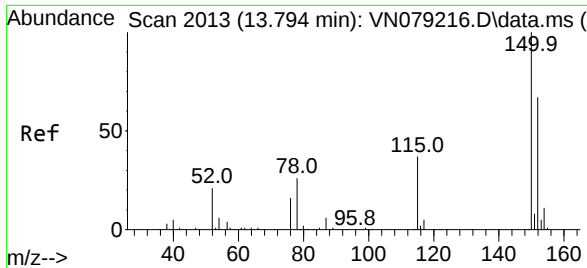
Tgt Ion: 95 Resp: 93614
Ion Ratio Lower Upper
95 100
174 77.6 0.0 143.8
176 73.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079416.D
Acq: 04 Oct 2023 20:25

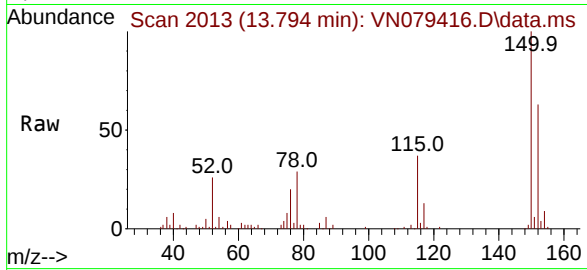
Tgt Ion: 117 Resp: 258761
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 32.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079416.D
 Acq: 04 Oct 2023 20:25

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156087ZHE#02



Tgt Ion:152 Resp: 65386
 Ion Ratio Lower Upper
 152 100
 115 62.5 32.3 96.8
 150 161.4 0.0 355.8

