

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079273.D
 Acq On : 15 Sep 2023 15:42
 Operator : JC\MD
 Sample : PB155573ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155573ZHE#04

Quant Time: Sep 16 01:43:59 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)

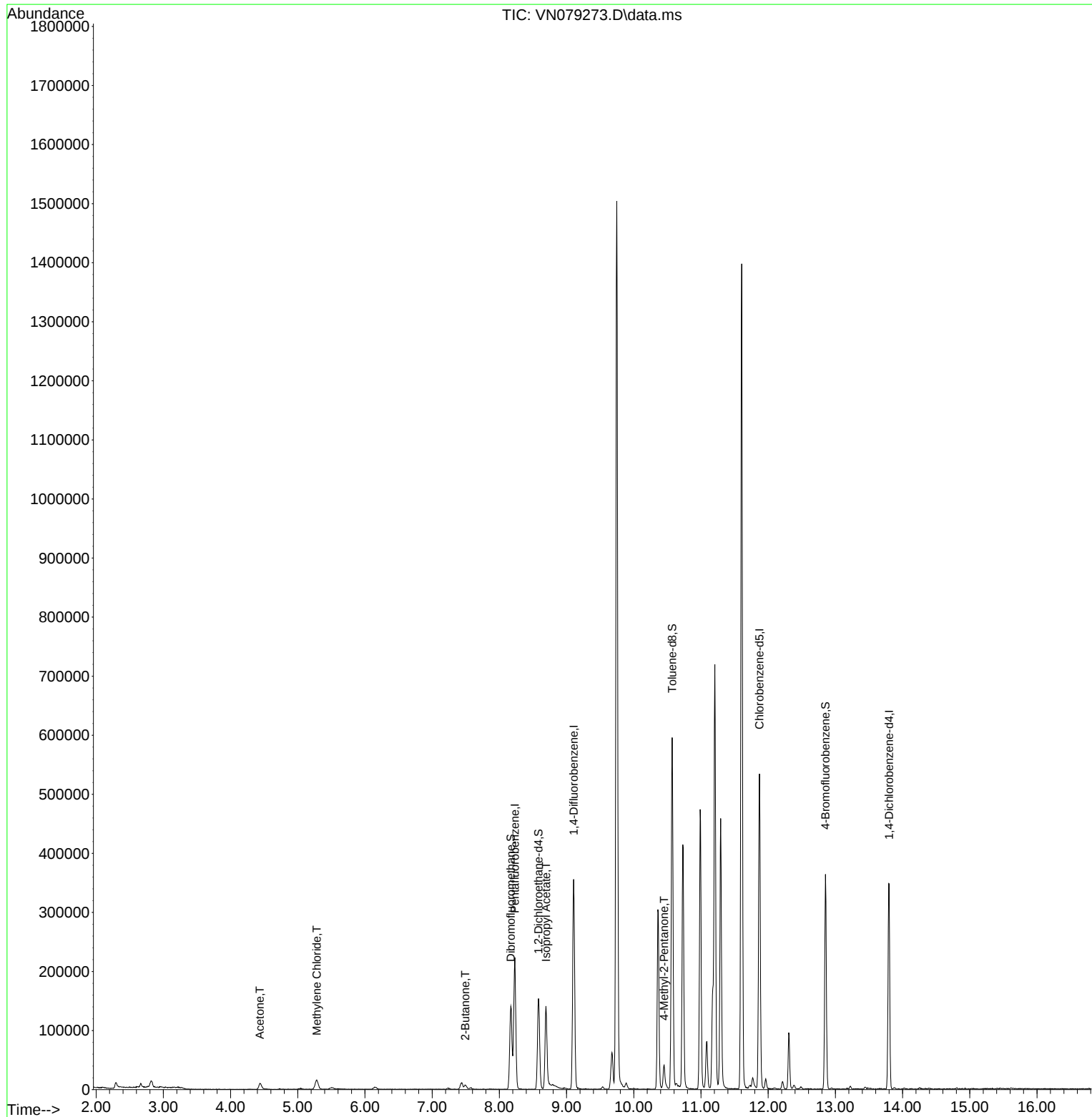
Internal Standards						
1) Pentafluorobenzene	8.230	168	151650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	299574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	300489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	91420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	124249	60.694	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.380%	
35) Dibromofluoromethane	8.171	113	101846	51.109	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.220%	
50) Toluene-d8	10.571	98	398428	54.453	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.900%	
62) 4-Bromofluorobenzene	12.853	95	120236	51.516	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.040%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	19659	22.611	ug/l #	78
20) Methylene Chloride	5.283	84	12011	5.677	ug/l #	74
25) 2-Butanone	7.494	43	12512	9.919	ug/l #	73
43) Isopropyl Acetate	8.694	43	162887	32.585	ug/l #	79
51) 4-Methyl-2-Pentanone	10.453	43	34395	11.853	ug/l #	77

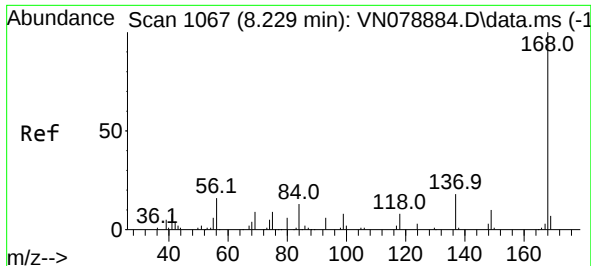
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

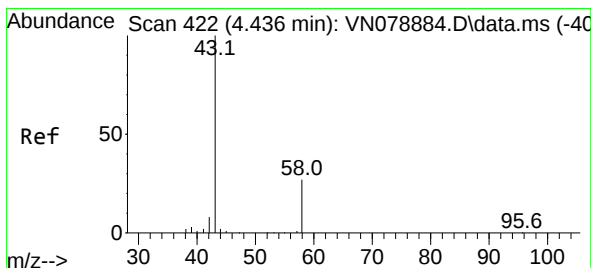
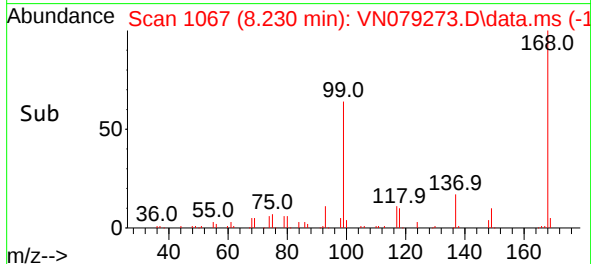
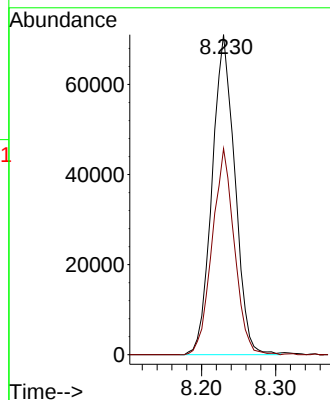
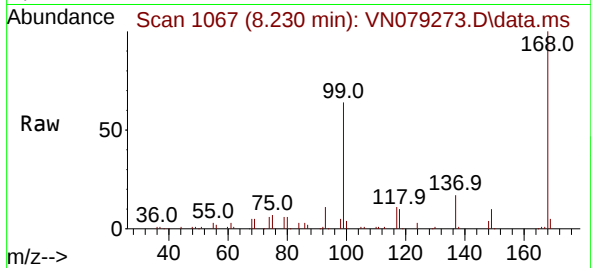




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079273.D
Acq: 15 Sep 2023 15:42

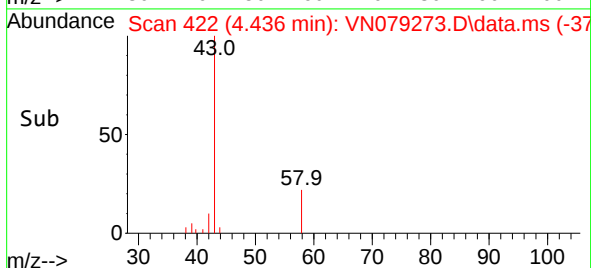
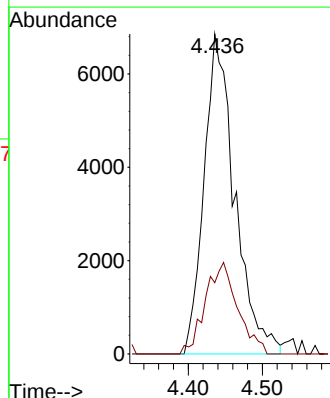
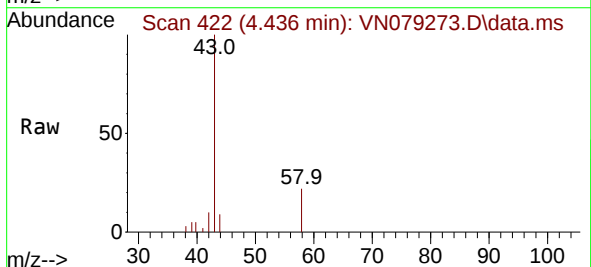
Instrument :
MSVOA_N
ClientSampleId :
PB155573ZHE#04

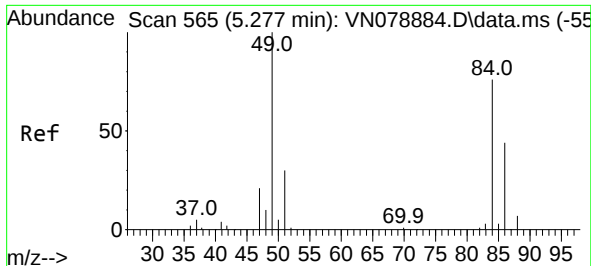
Tgt Ion:168 Resp: 151650
Ion Ratio Lower Upper
168 100
99 64.4 53.0 79.6



#16
Acetone
Concen: 22.611 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079273.D
Acq: 15 Sep 2023 15:42

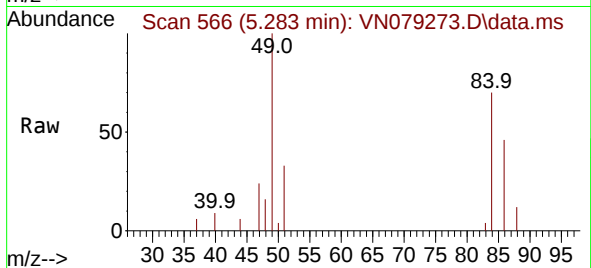
Tgt Ion: 43 Resp: 19659
Ion Ratio Lower Upper
43 100
58 22.3 28.0 42.0#



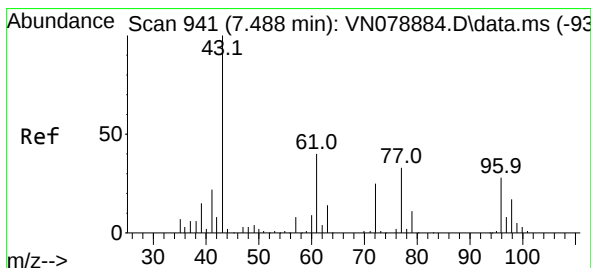
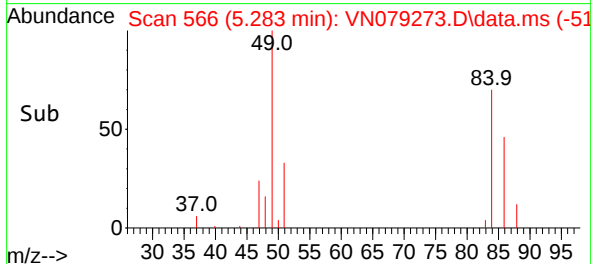
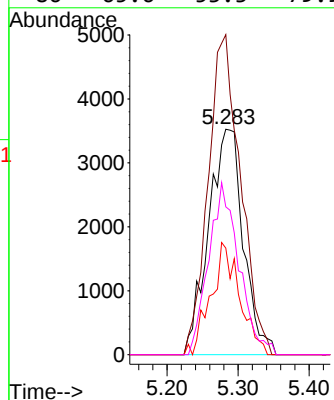


#20
Methylene Chloride
Concen: 5.677 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079273.D
Acq: 15 Sep 2023 15:42

Instrument :
MSVOA_N
ClientSampleId :
PB155573ZHE#04

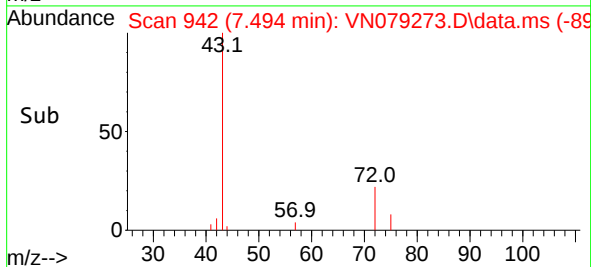
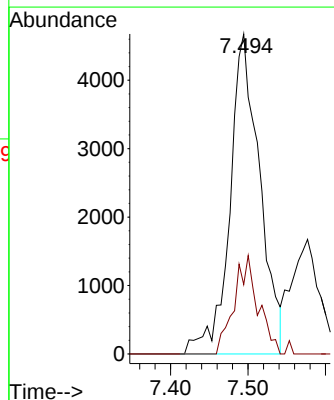
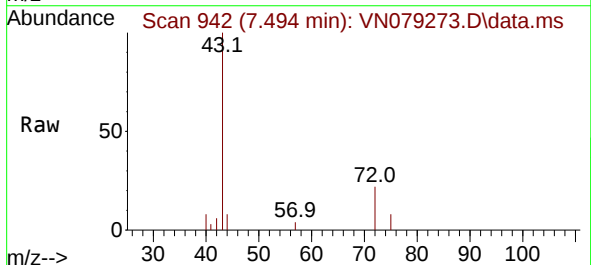


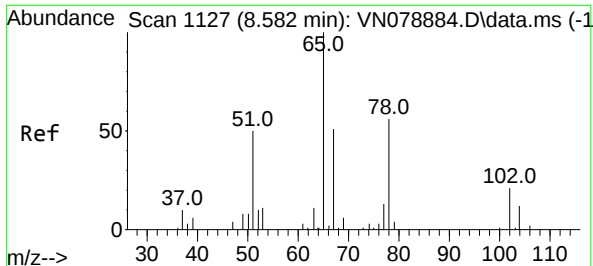
Tgt Ion:	84	Resp:	12011
Ion	Ratio	Lower	Upper
84	100		
49	142.0	79.7	119.5#
51	47.3	25.2	37.8#
86	65.6	53.3	79.9



#25
2-Butanone
Concen: 9.919 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079273.D
Acq: 15 Sep 2023 15:42

Tgt Ion:	43	Resp:	12512
Ion	Ratio	Lower	Upper
43	100		
72	21.7	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 60.694 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079273.D

Acq: 15 Sep 2023 15:42

Instrument :

MSVOA_N

ClientSampleId :

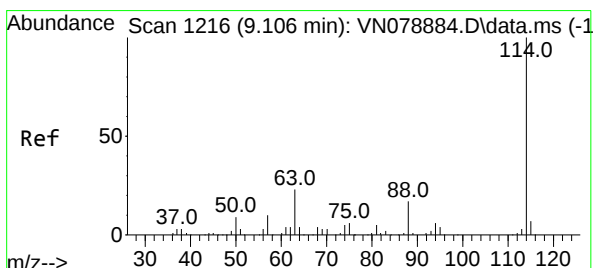
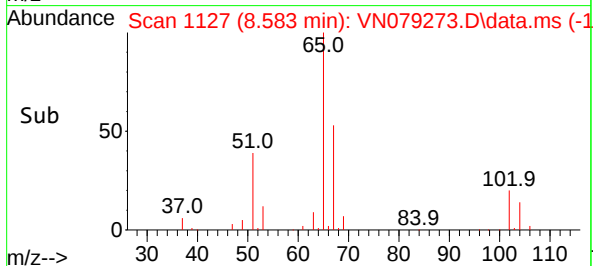
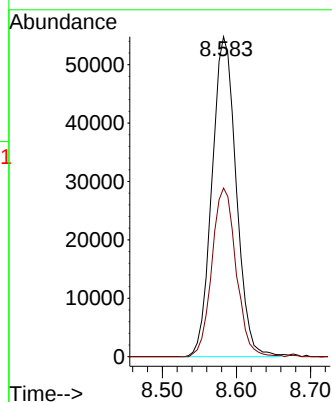
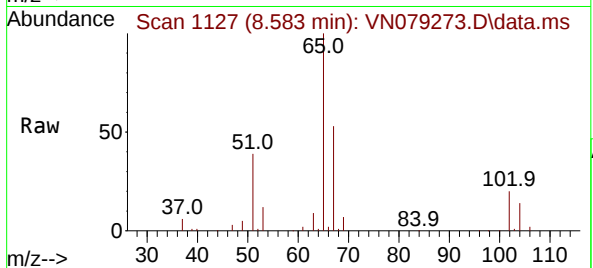
PB155573ZHE#04

Tgt Ion: 65 Resp: 124249

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079273.D

Acq: 15 Sep 2023 15:42

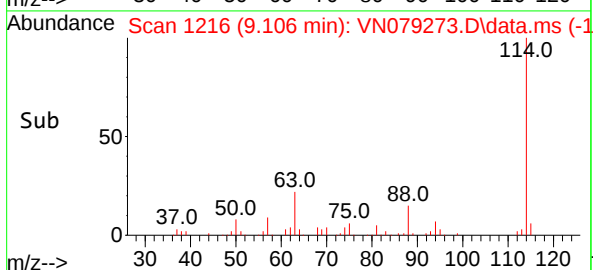
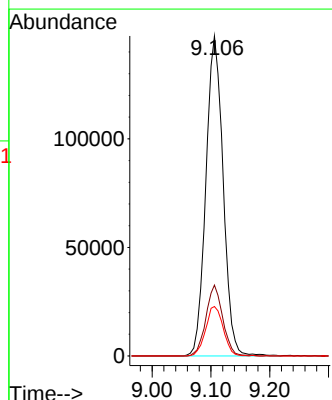
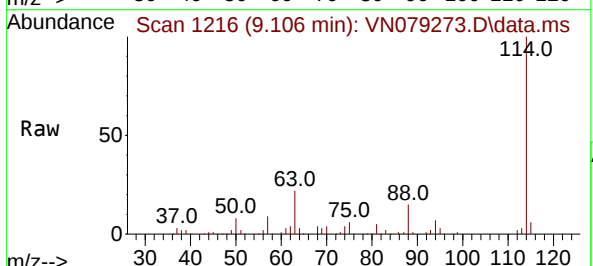
Tgt Ion: 114 Resp: 299574

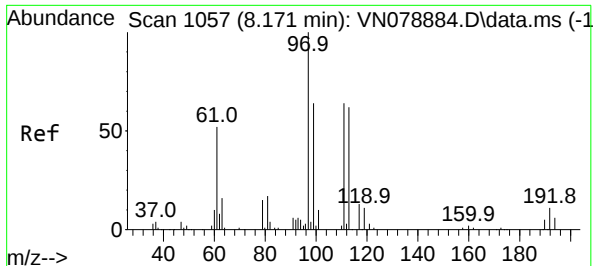
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.109 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079273.D

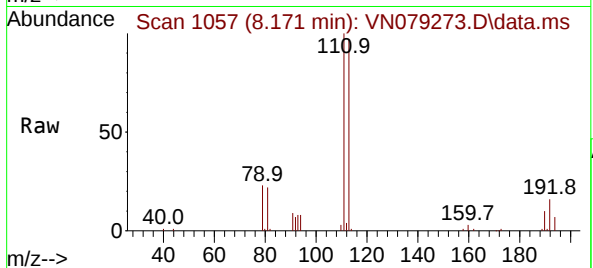
Acq: 15 Sep 2023 15:42

Instrument :

MSVOA_N

ClientSampleId :

PB155573ZHE#04



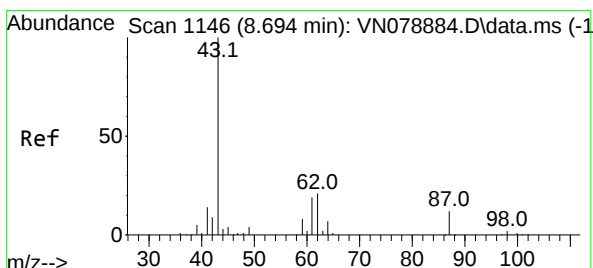
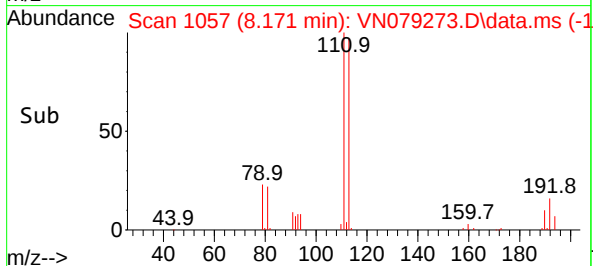
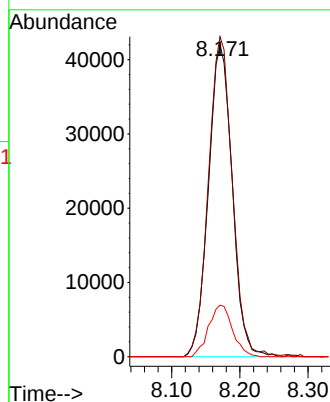
Tgt Ion:113 Resp: 101846

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 16.6 12.7 19.1



#43

Isopropyl Acetate

Concen: 32.585 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079273.D

Acq: 15 Sep 2023 15:42

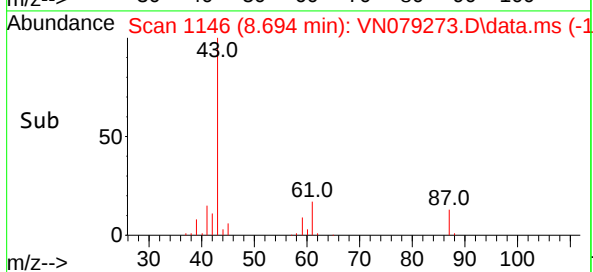
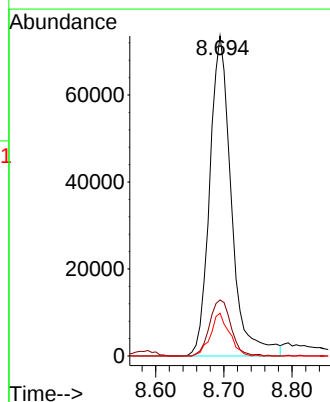
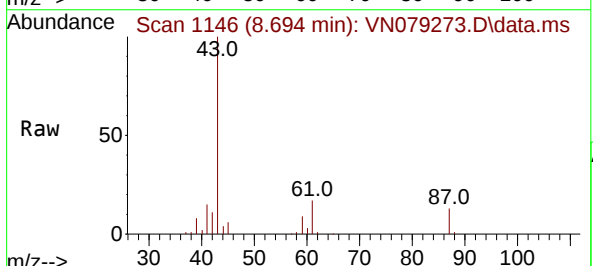
Tgt Ion: 43 Resp: 162887

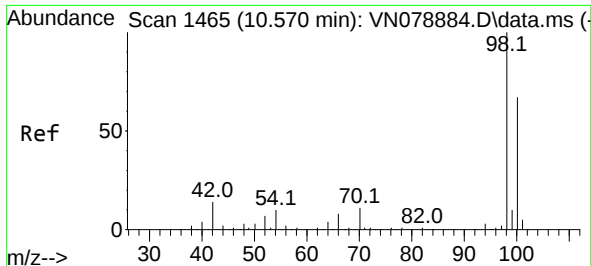
Ion Ratio Lower Upper

43 100

61 17.3 24.7 37.1#

87 11.6 14.6 21.8#

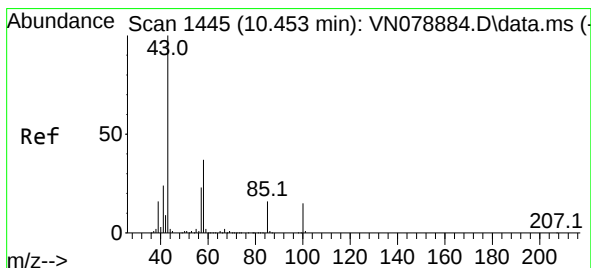
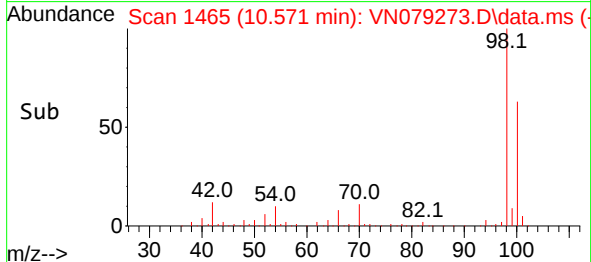
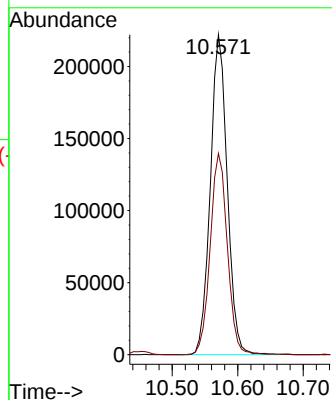
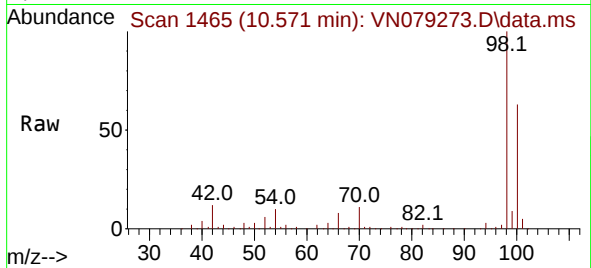




#50
Toluene-d8
Concen: 54.453 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079273.D
Acq: 15 Sep 2023 15:42

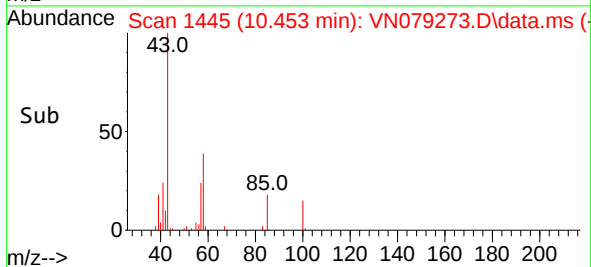
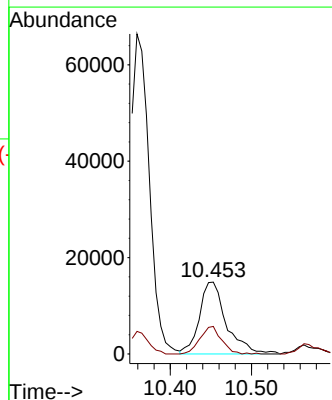
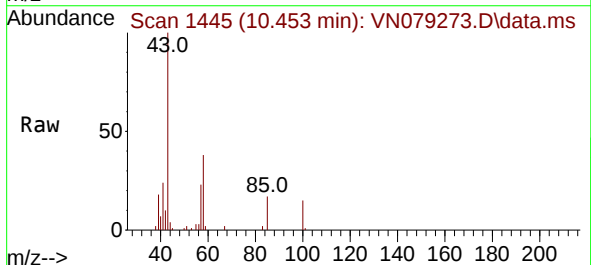
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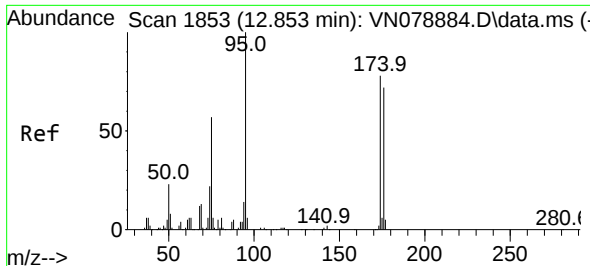
Tgt Ion: 98 Resp: 398428
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 11.853 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079273.D
Acq: 15 Sep 2023 15:42

Tgt Ion: 43 Resp: 34395
Ion Ratio Lower Upper
43 100
58 30.7 36.6 54.8#

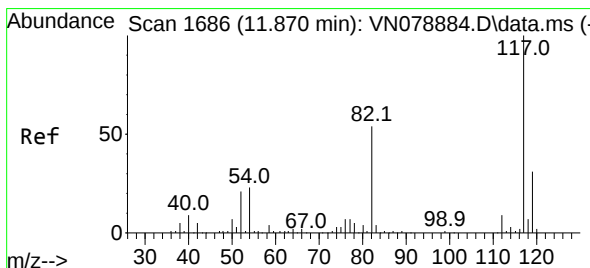
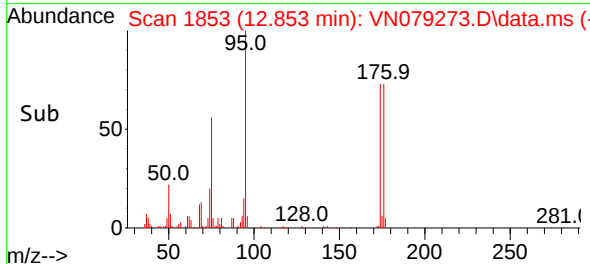
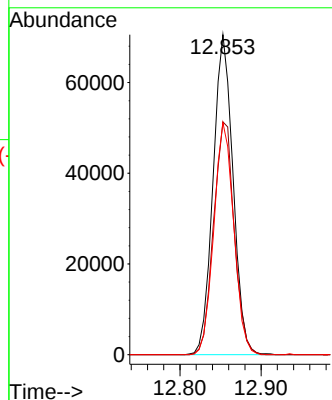
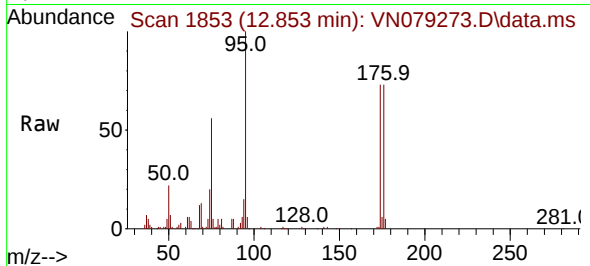




#62
4-Bromofluorobenzene
Concen: 51.516 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079273.D
Acq: 15 Sep 2023 15:42

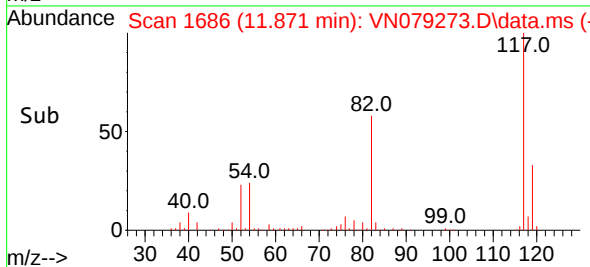
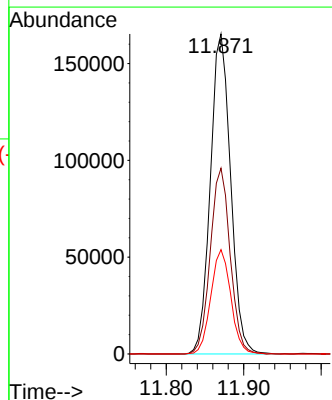
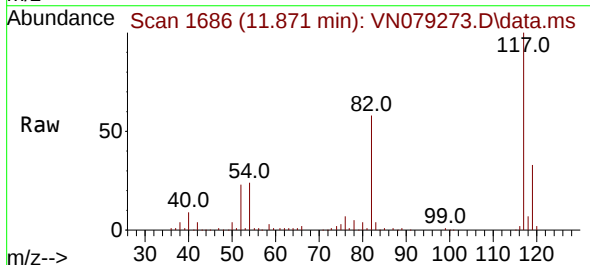
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PB155573ZHE#04

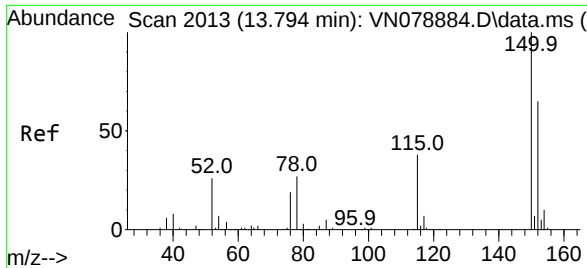
Tgt Ion: 95 Resp: 120236
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 72.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079273.D
Acq: 15 Sep 2023 15:42

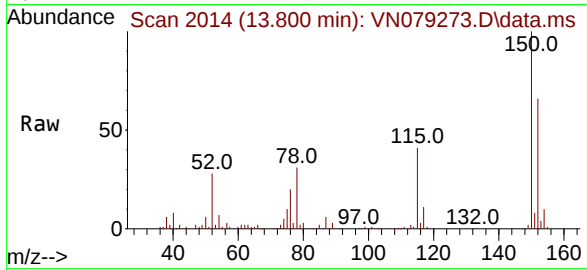
Tgt Ion: 117 Resp: 300489
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 32.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079273.D
 Acq: 15 Sep 2023 15:42

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155573ZHE#04



Tgt Ion:152 Resp: 91420
 Ion Ratio Lower Upper
 152 100
 115 62.9 32.3 96.8
 150 157.0 0.0 355.8

