

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079270.D
 Acq On : 15 Sep 2023 14:30
 Operator : JC\MD
 Sample : PB155573ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155573ZHE#01

Quant Time: Sep 16 01:41:44 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)

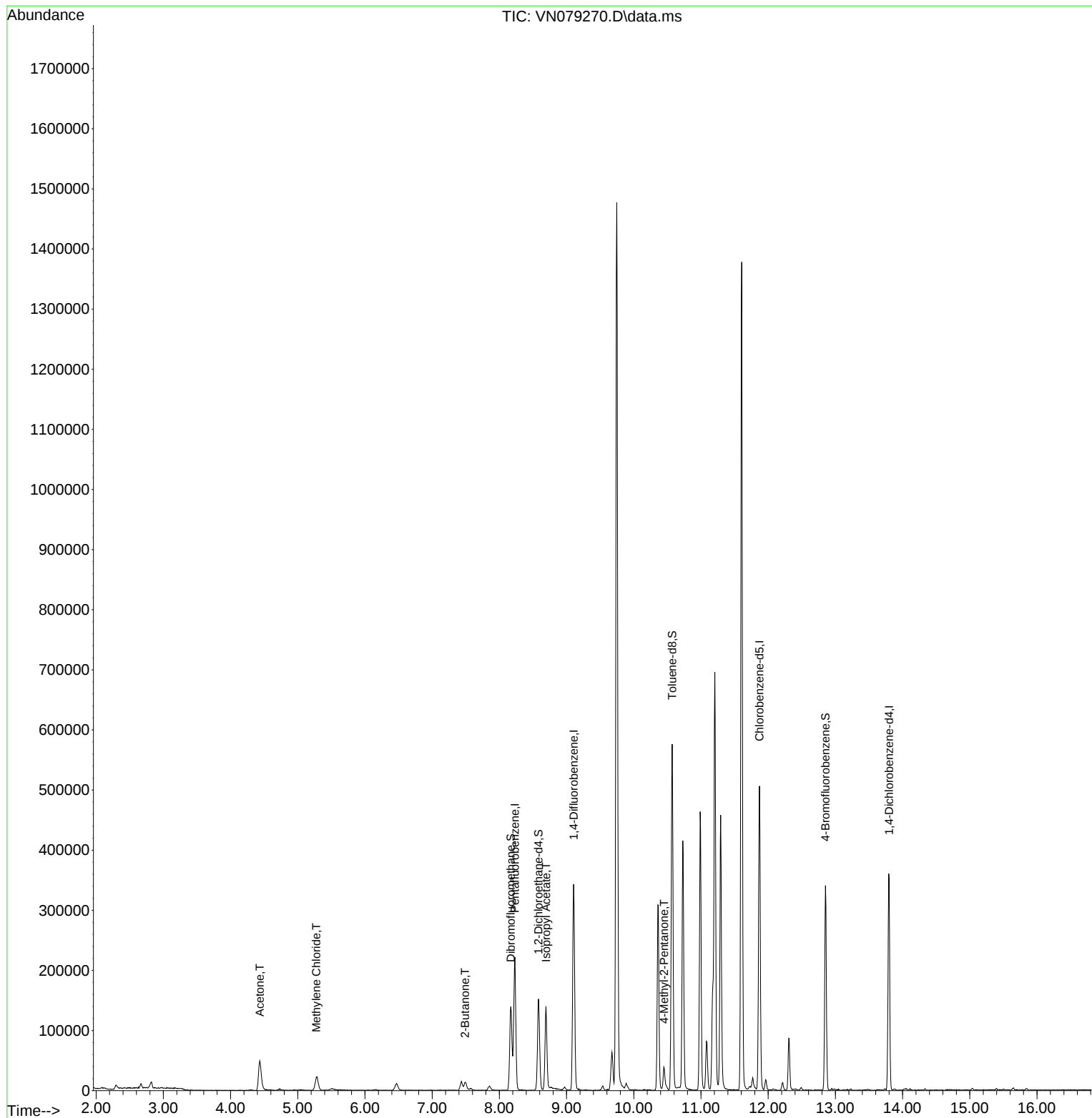
Internal Standards						
1) Pentafluorobenzene	8.229	168	151108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	293119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	286326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	92278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119562	58.614	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.220%
35) Dibromofluoromethane	8.171	113	101915	52.270	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.540%
50) Toluene-d8	10.570	98	381094	53.231	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.460%
62) 4-Bromofluorobenzene	12.853	95	113953	49.899	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.800%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	92916	107.254	ug/l	96
20) Methylene Chloride	5.277	84	17521	8.311	ug/l #	80
25) 2-Butanone	7.488	43	21428	17.047	ug/l	92
43) Isopropyl Acetate	8.694	43	152105	31.098	ug/l #	81
51) 4-Methyl-2-Pentanone	10.453	43	31104	10.955	ug/l #	80

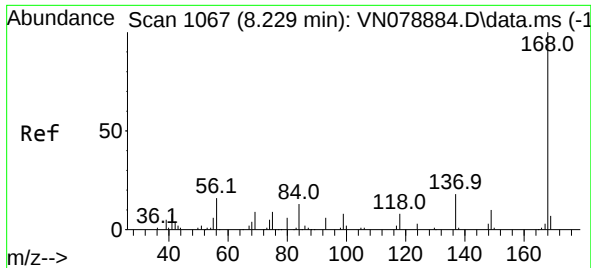
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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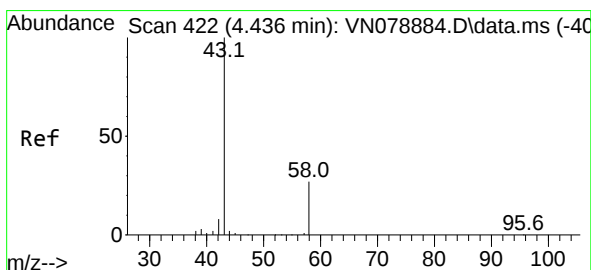
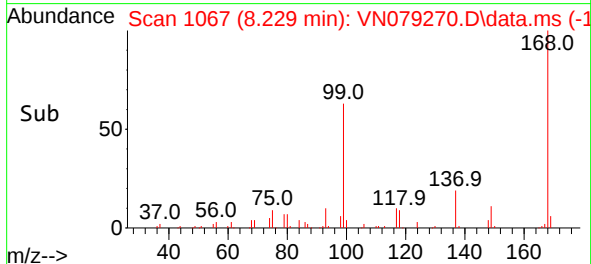
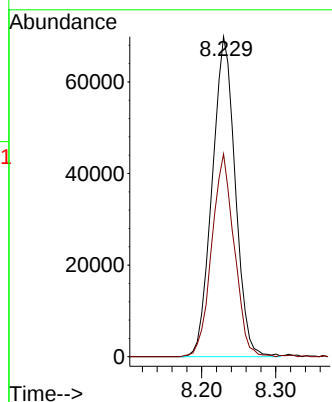
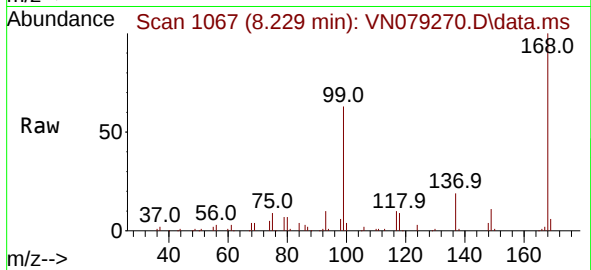




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

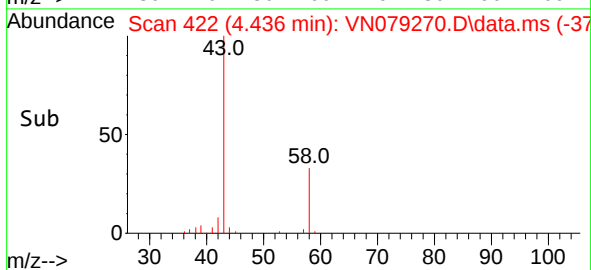
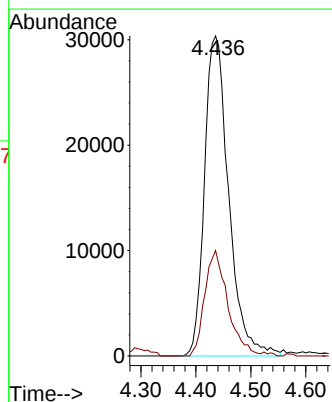
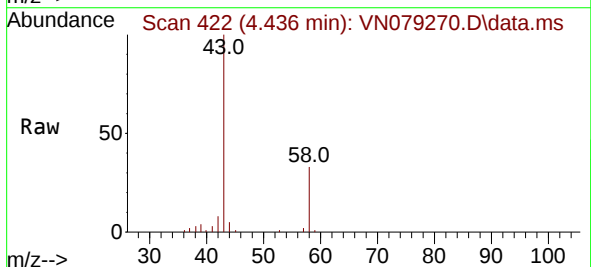
Instrument :
MSVOA_N
ClientSampleId :
PB155573ZHE#01

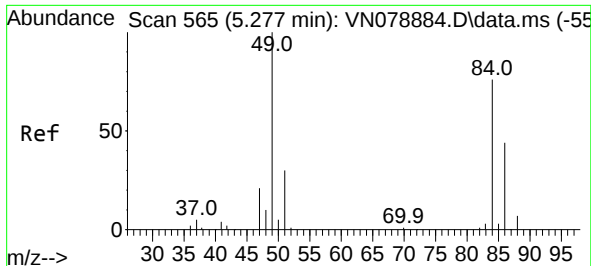
Tgt Ion:168 Resp: 151108
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6



#16
Acetone
Concen: 107.254 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

Tgt Ion: 43 Resp: 92916
Ion Ratio Lower Upper
43 100
58 33.0 28.0 42.0

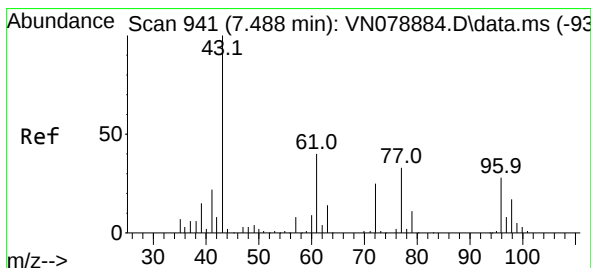
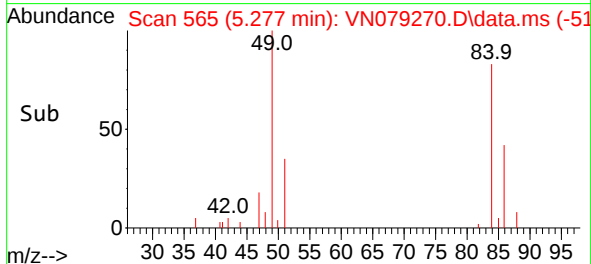
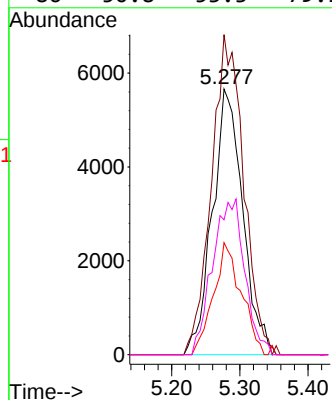
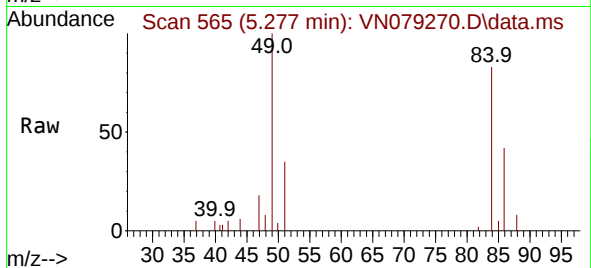




#20
Methylene Chloride
Concen: 8.311 ug/l
RT: 5.277 min Scan# 501
Delta R.T. -0.006 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

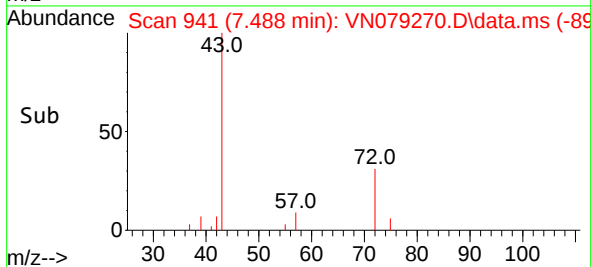
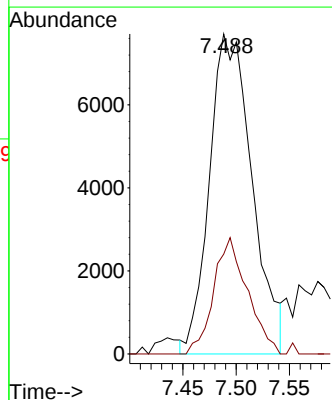
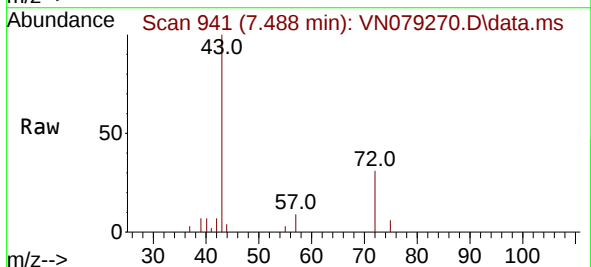
Instrument :
MSVOA_N
ClientSampleId :
PB155573ZHE#01

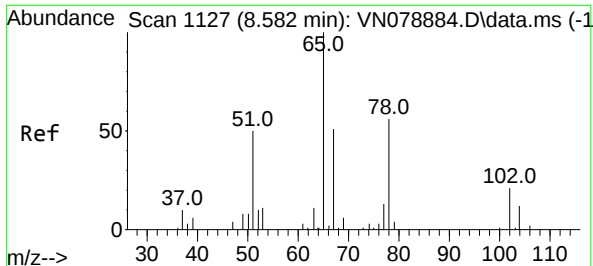
Tgt Ion:	84	Resp:	17521
Ion	Ratio	Lower	Upper
84	100		
49	120.5	79.7	119.5#
51	42.2	25.2	37.8#
86	50.8	53.3	79.9#



#25
2-Butanone
Concen: 17.047 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

Tgt Ion:	43	Resp:	21428
Ion	Ratio	Lower	Upper
43	100		
72	32.6	30.2	45.2

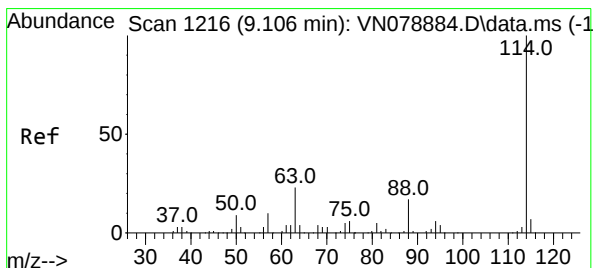
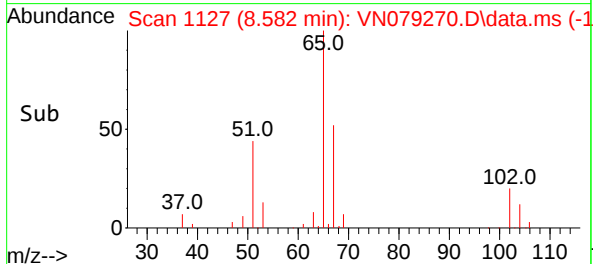
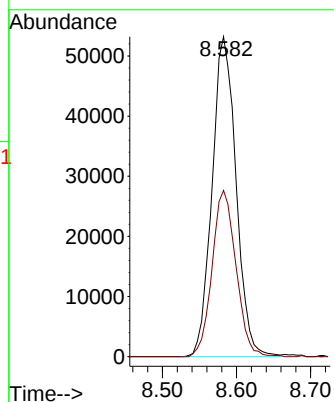
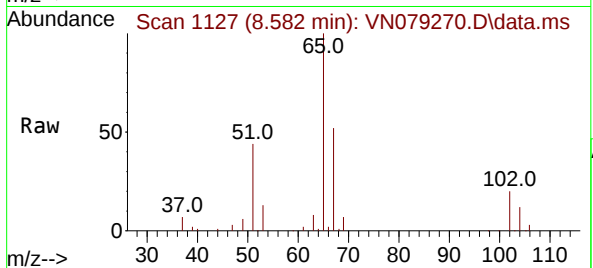




#33
 1,2-Dichloroethane-d4
 Concen: 58.614 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. -0.001 min
 Lab File: VN079270.D
 Acq: 15 Sep 2023 14:30

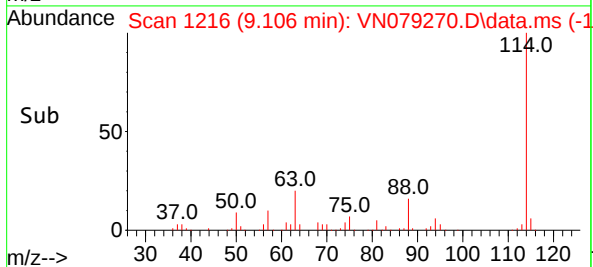
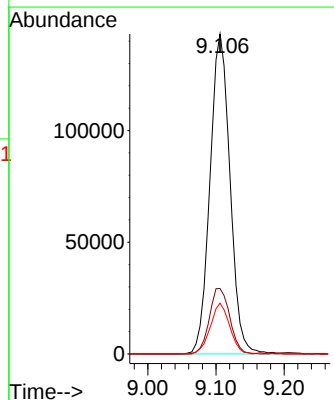
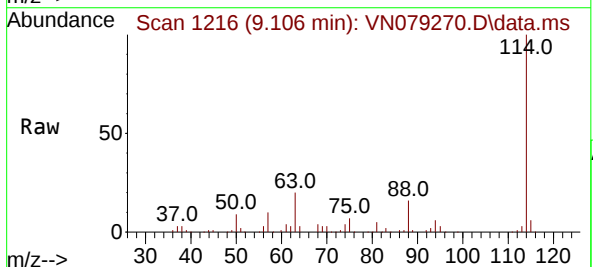
Instrument :
 MSVOA_N
 ClientSampleId :
 PB155573ZHE#01

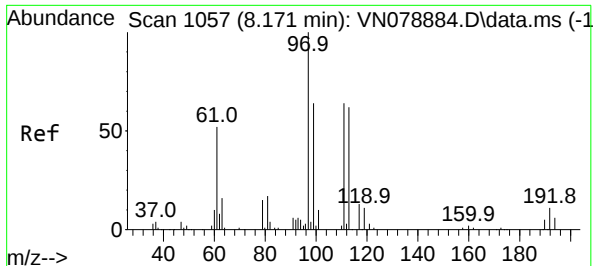
Tgt Ion: 65 Resp: 119562
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: VN079270.D
 Acq: 15 Sep 2023 14:30

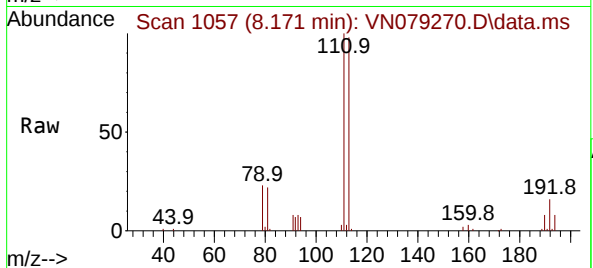
Tgt Ion: 114 Resp: 293119
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 36.4
 88 15.8 0.0 30.6



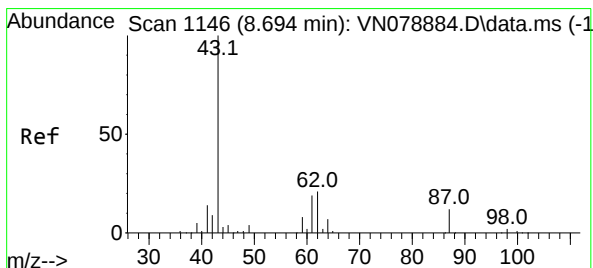
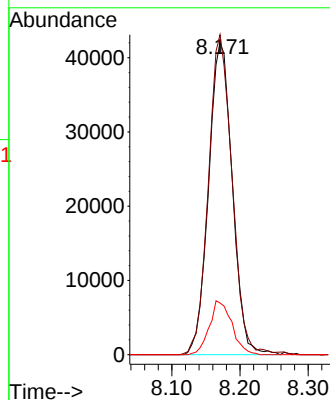
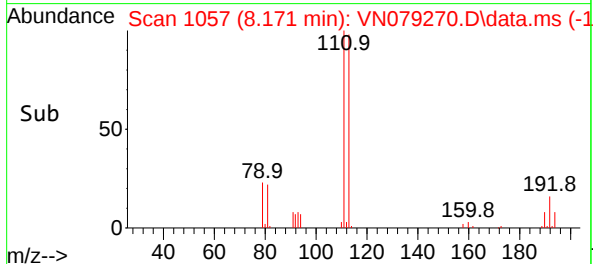


#35
Dibromofluoromethane
Concen: 52.270 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

Instrument :
MSVOA_N
ClientSampleId :
PB155573ZHE#01

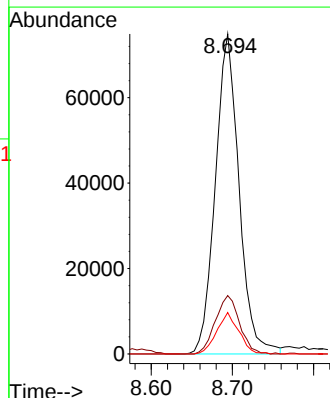
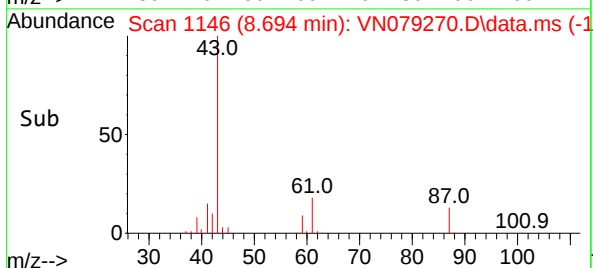
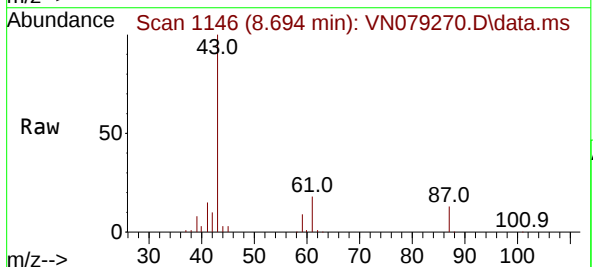


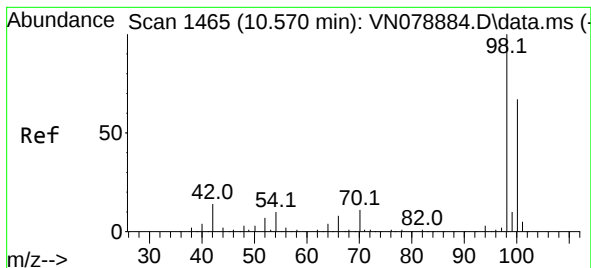
Tgt Ion:113 Resp: 101915
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 16.4 12.7 19.1



#43
Isopropyl Acetate
Concen: 31.098 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

Tgt Ion: 43 Resp: 152105
Ion Ratio Lower Upper
43 100
61 18.6 24.7 37.1#
87 12.0 14.6 21.8#





#50

Toluene-d8

Concen: 53.231 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN079270.D

Acq: 15 Sep 2023 14:30

Instrument :

MSVOA_N

ClientSampleId :

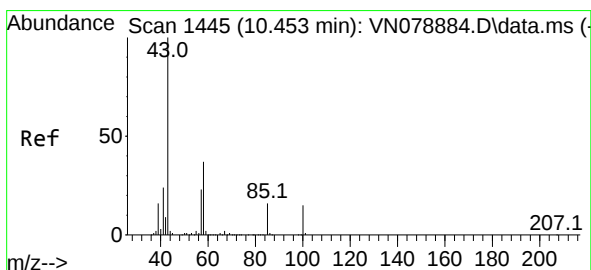
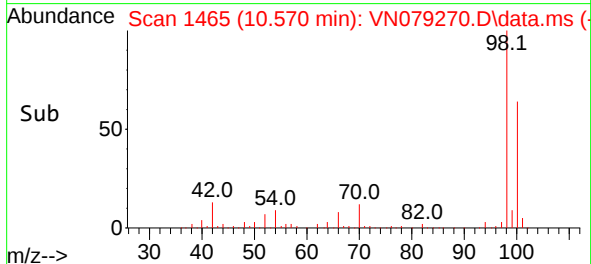
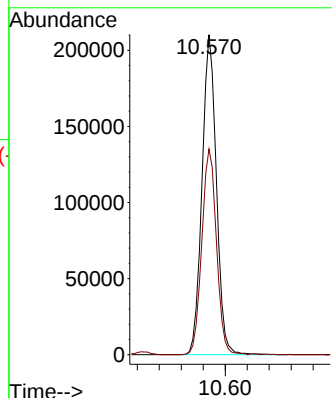
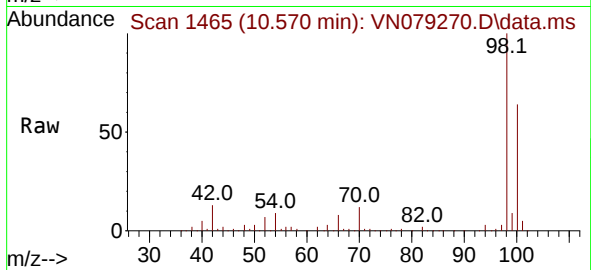
PB155573ZHE#01

Tgt Ion: 98 Resp: 381094

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 10.955 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. -0.000 min

Lab File: VN079270.D

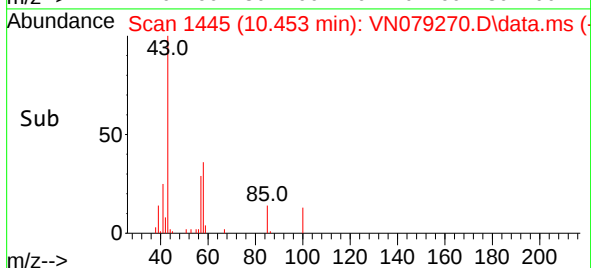
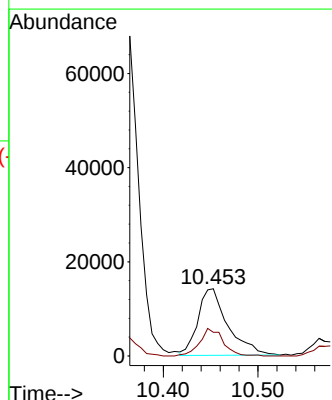
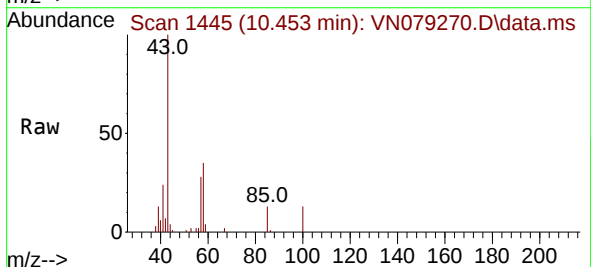
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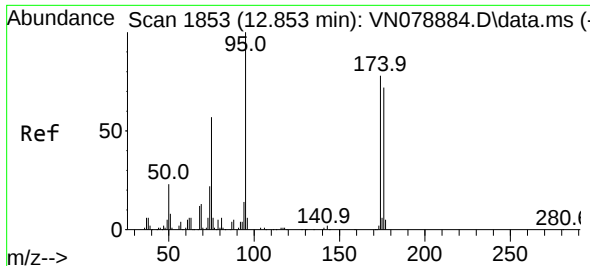
Tgt Ion: 43 Resp: 31104

Ion Ratio Lower Upper

43 100

58 32.5 36.6 54.8#

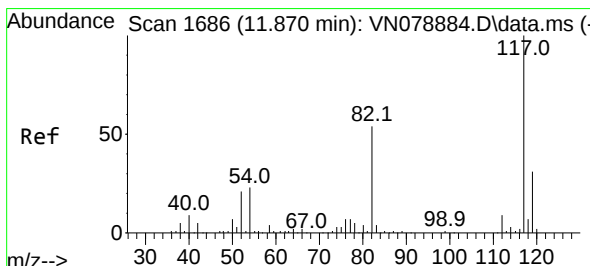
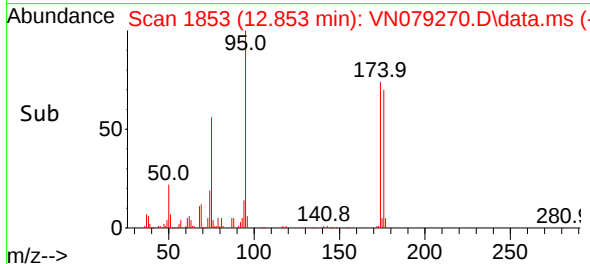
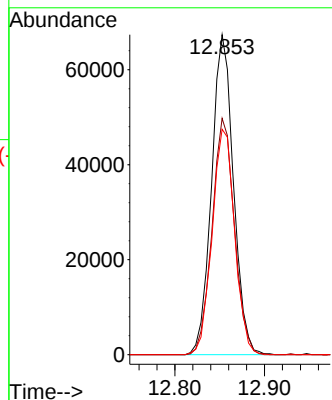
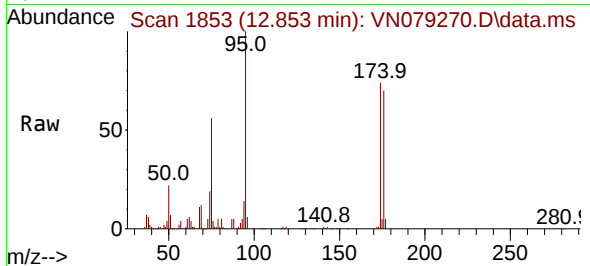




#62
4-Bromofluorobenzene
Concen: 49.899 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

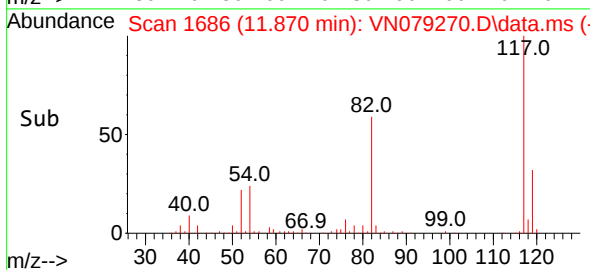
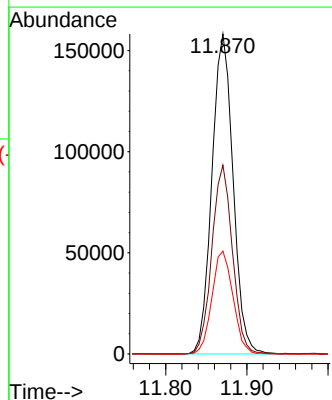
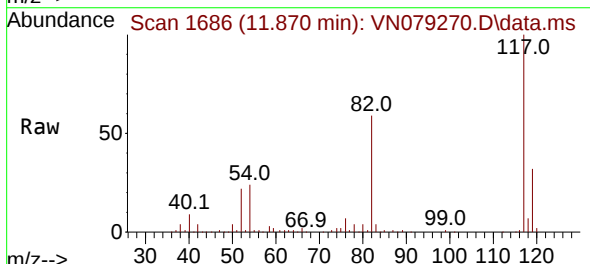
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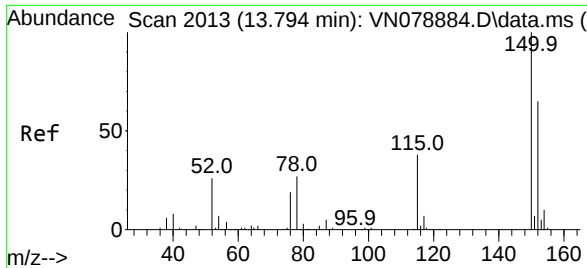
Tgt Ion: 95 Resp: 113953
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 72.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079270.D
Acq: 15 Sep 2023 14:30

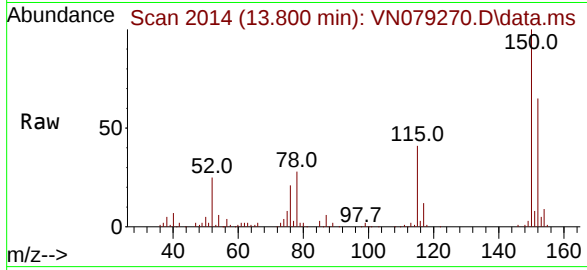
Tgt Ion: 117 Resp: 286326
Ion Ratio Lower Upper
117 100
82 59.0 44.0 66.0
119 32.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079270.D
 Acq: 15 Sep 2023 14:30

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155573ZHE#01



Tgt Ion:152 Resp: 92278
 Ion Ratio Lower Upper
 152 100
 115 61.7 32.3 96.8
 150 159.4 0.0 355.8

