

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072324\
 Data File : VN083014.D
 Acq On : 23 Jul 2024 16:23
 Operator : JC\MD
 Sample : P3302-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 285-290

Quant Time: Jul 23 16:41:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

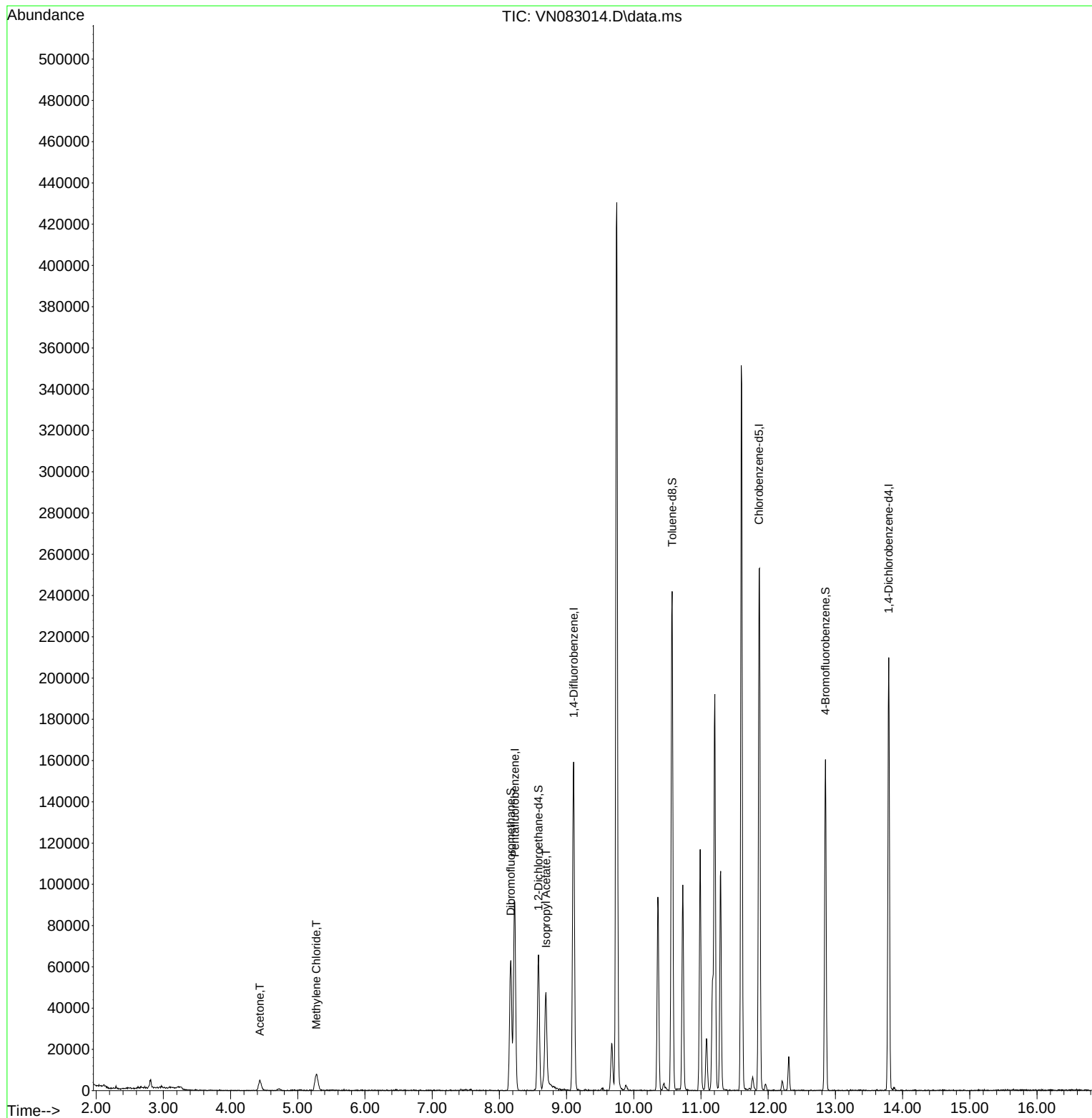
Internal Standards						
1) Pentafluorobenzene	8.230	168	66762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	131528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	145057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	54576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	52034	55.600	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.200%
35) Dibromofluoromethane	8.171	113	43878	51.989	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.980%
50) Toluene-d8	10.571	98	165549	53.108	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.220%
62) 4-Bromofluorobenzene	12.853	95	49117	43.865	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	87.720%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	10140	30.774	ug/l	93
20) Methylene Chloride	5.277	84	6762	8.498	ug/l #	69
43) Isopropyl Acetate	8.694	43	59414	25.121	ug/l #	87

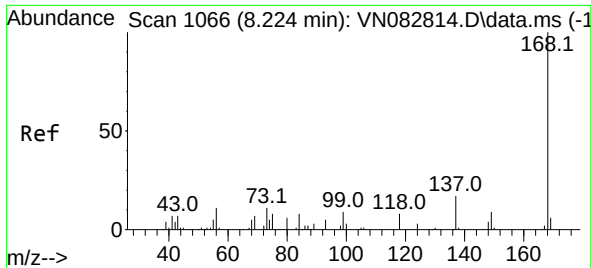
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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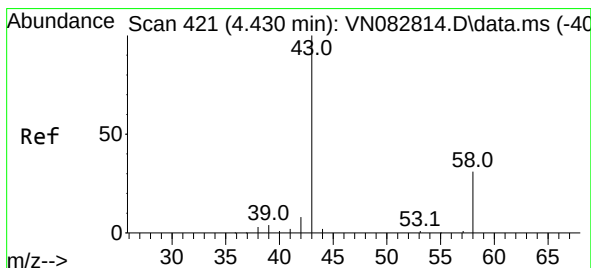
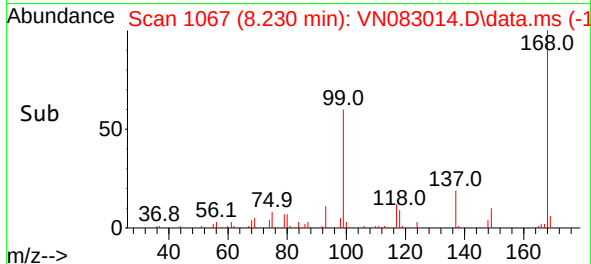
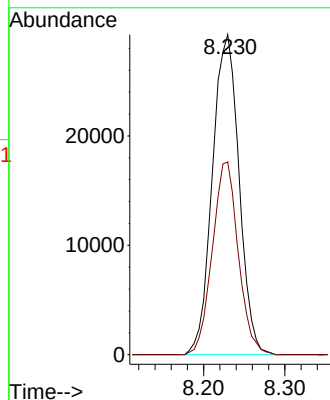
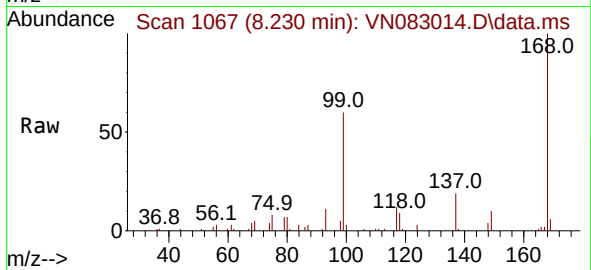




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.001 min
Lab File: VN083014.D
Acq: 23 Jul 2024 16:23

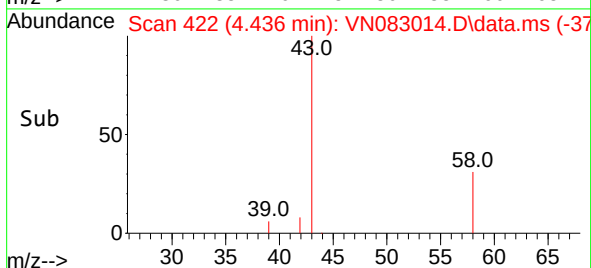
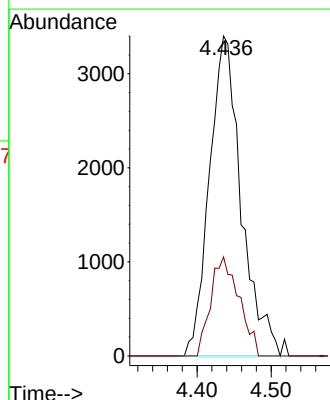
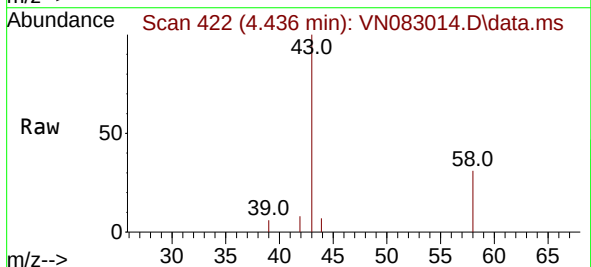
Instrument :
MSVOA_N
ClientSampleId :
285-290

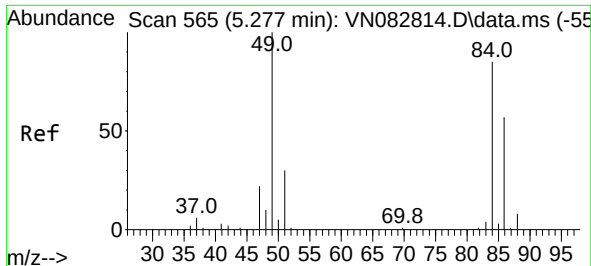
Tgt Ion:168 Resp: 66762
Ion Ratio Lower Upper
168 100
99 60.3 48.2 72.4



#16
Acetone
Concen: 30.774 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083014.D
Acq: 23 Jul 2024 16:23

Tgt Ion: 43 Resp: 10140
Ion Ratio Lower Upper
43 100
58 30.9 21.8 32.6

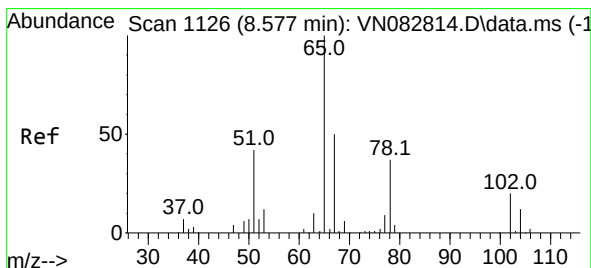
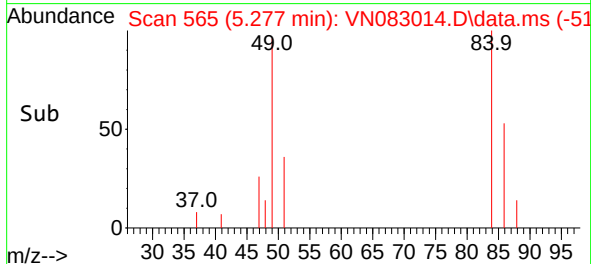
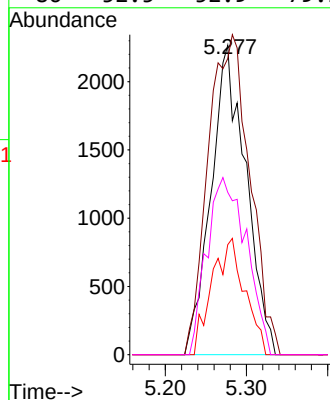
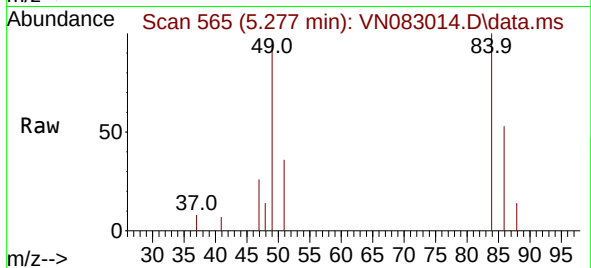




#20
Methylene Chloride
Concen: 8.498 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083014.D
Acq: 23 Jul 2024 16:23

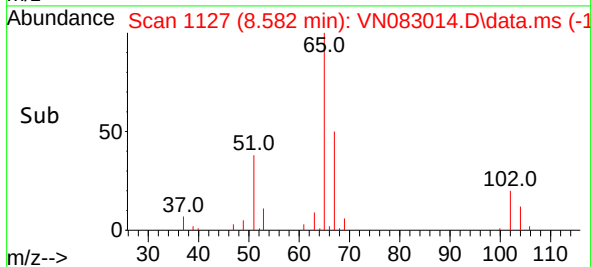
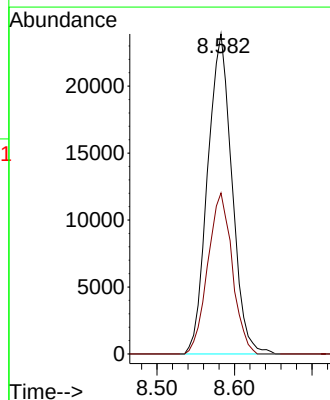
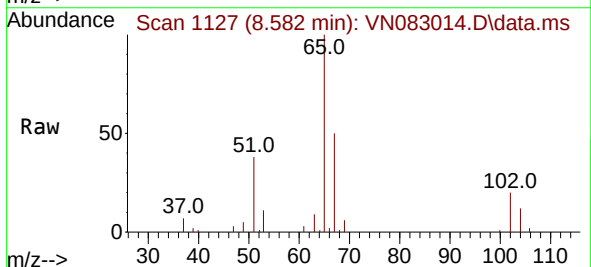
Instrument :
MSVOA_N
ClientSampleId :
285-290

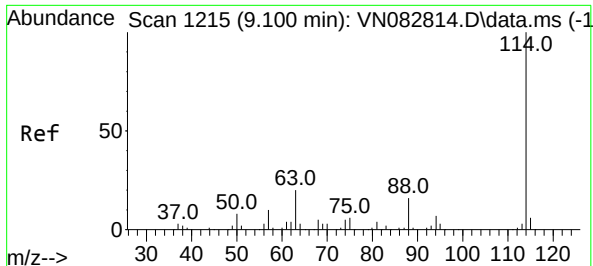
Tgt Ion: 84	Resp: 6762
Ion Ratio	Lower Upper
84 100	
49 95.7	119.6 179.4#
51 35.5	34.8 52.2
86 52.5	52.9 79.3#



#33
1,2-Dichloroethane-d4
Concen: 55.600 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083014.D
Acq: 23 Jul 2024 16:23

Tgt Ion: 65	Resp: 52034
Ion Ratio	Lower Upper
65 100	
67 50.5	0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083014.D

Acq: 23 Jul 2024 16:23

Instrument :

MSVOA_N

ClientSampleId :

285-290

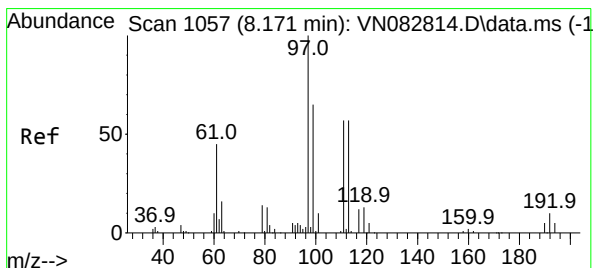
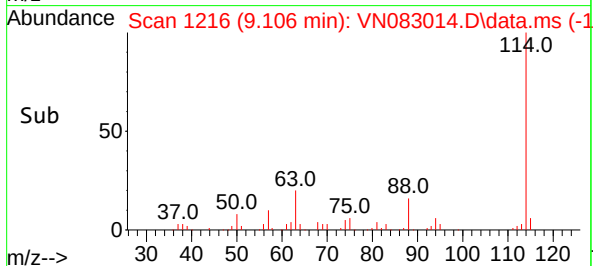
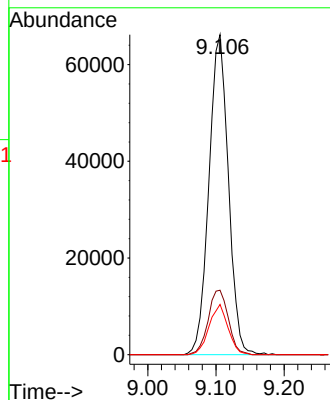
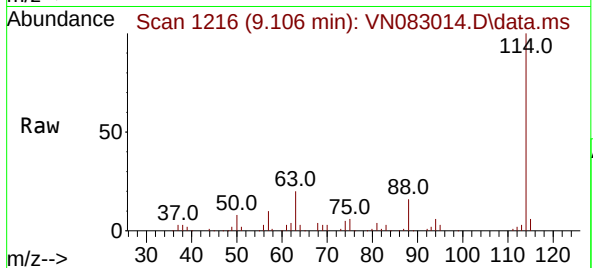
Tgt Ion:114 Resp: 131528

Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.6

88 15.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.989 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083014.D

Acq: 23 Jul 2024 16:23

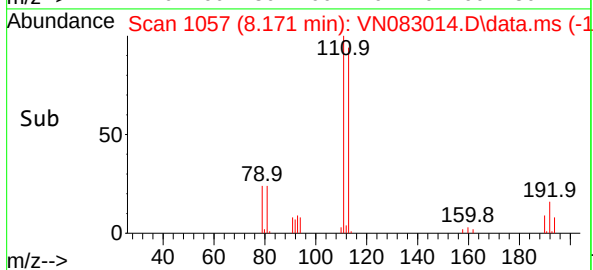
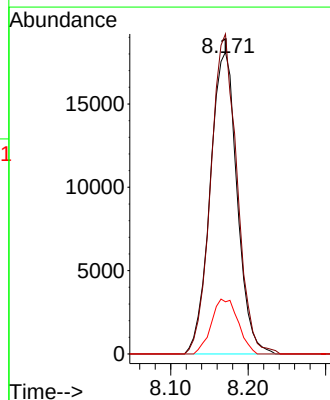
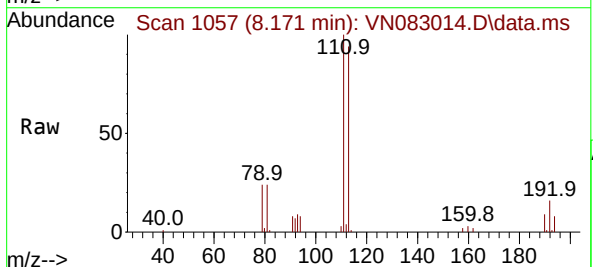
Tgt Ion:113 Resp: 43878

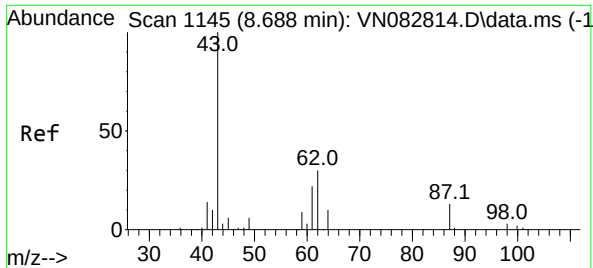
Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

192 18.0 14.9 22.3

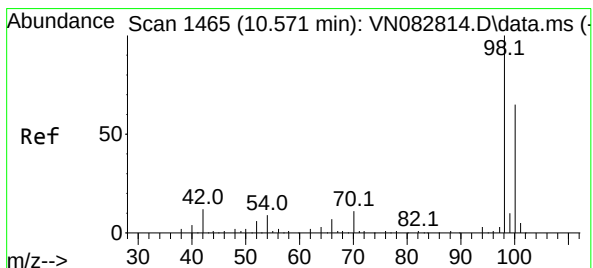
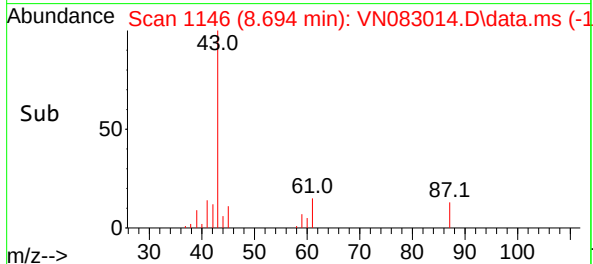
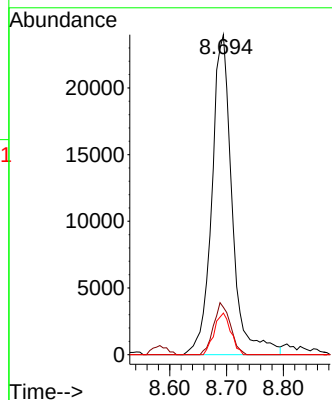
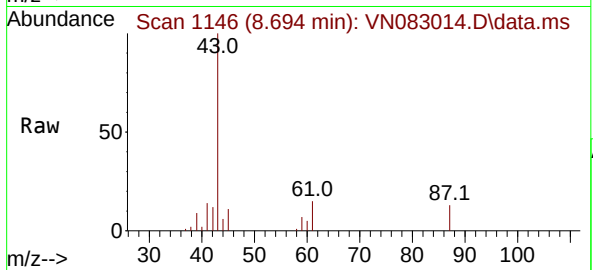




#43
Isopropyl Acetate
Concen: 25.121 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN083014.D
Acq: 23 Jul 2024 16:23

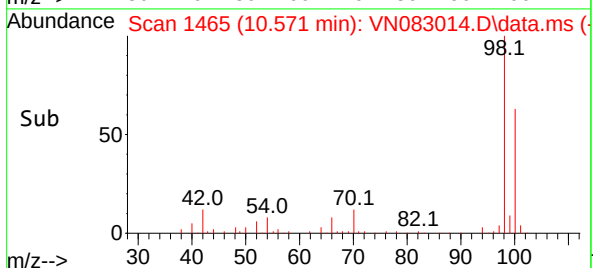
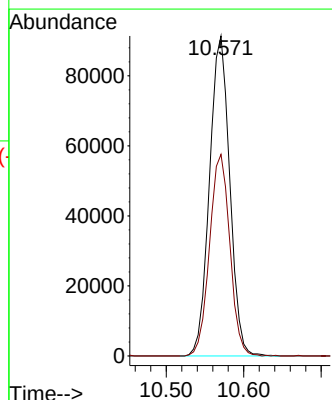
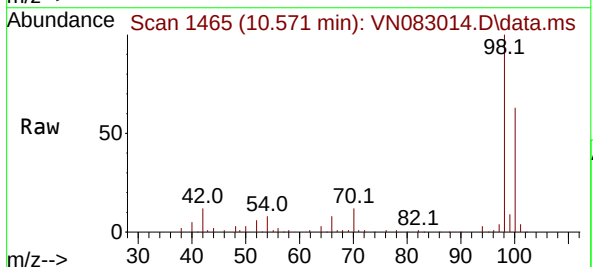
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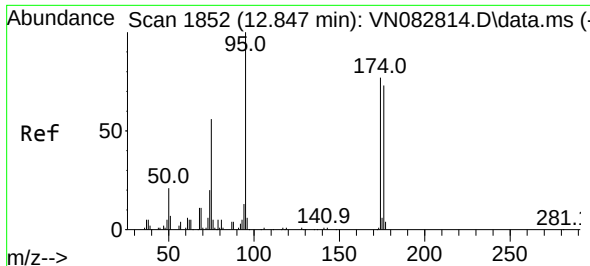
Tgt Ion: 43 Resp: 59414
Ion Ratio Lower Upper
43 100
61 13.5 17.8 26.6#
87 10.6 8.2 12.2



#50
Toluene-d8
Concen: 53.108 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083014.D
Acq: 23 Jul 2024 16:23

Tgt Ion: 98 Resp: 165549
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3

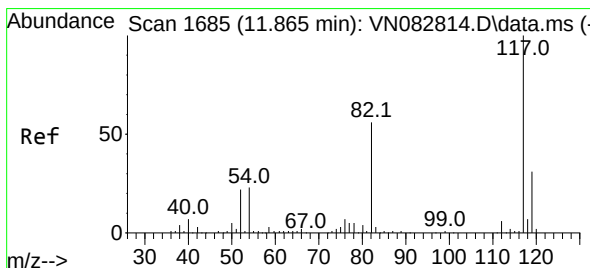
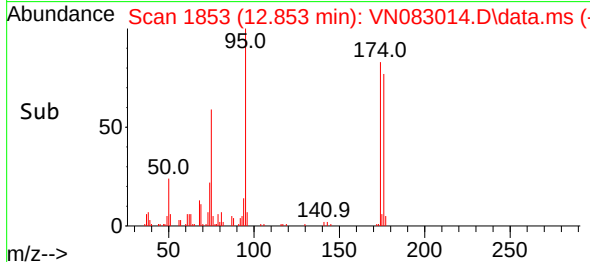
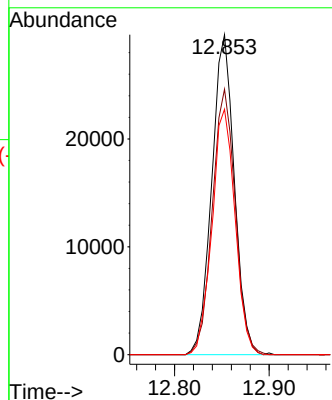
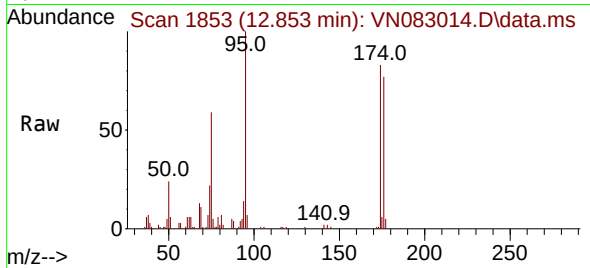




#62
4-Bromofluorobenzene
Concen: 43.865 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083014.D
Acq: 23 Jul 2024 16:23

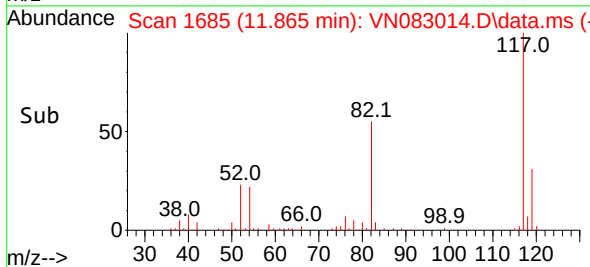
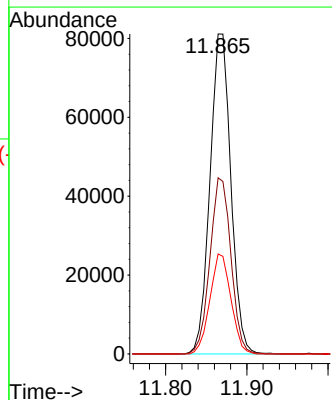
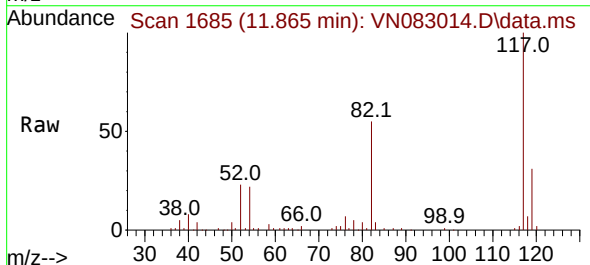
Instrument :
MSVOA_N
ClientSampleId :
285-290

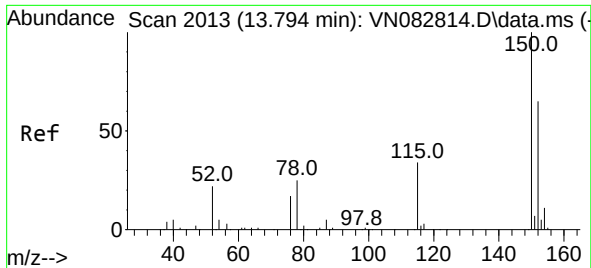
Tgt Ion:	95	Resp:	49117
Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	159.2
176	78.4	0.0	147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN083014.D
Acq: 23 Jul 2024 16:23

Tgt Ion:	117	Resp:	145057
Ion	Ratio	Lower	Upper
117	100		
82	55.1	47.5	71.3
119	31.3	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: VN083014.D

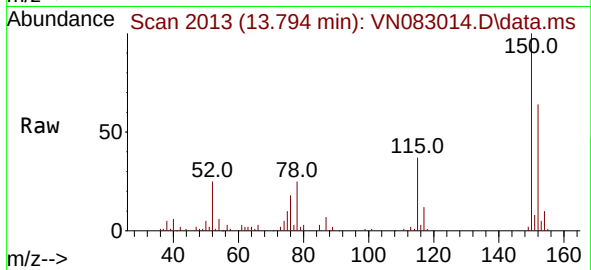
Acq: 23 Jul 2024 16:23

Instrument :

MSVOA_N

ClientSampleId :

285-290



Tgt Ion:152 Resp: 54576

Ion Ratio Lower Upper

152 100

115 60.7 30.6 91.6

150 158.9 0.0 348.6

