

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083073.D
 Acq On : 30 Jul 2024 17:26
 Operator : JC\MD
 Sample : PB162324ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162324ZHE#03

Quant Time: Jul 31 06:05:05 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)

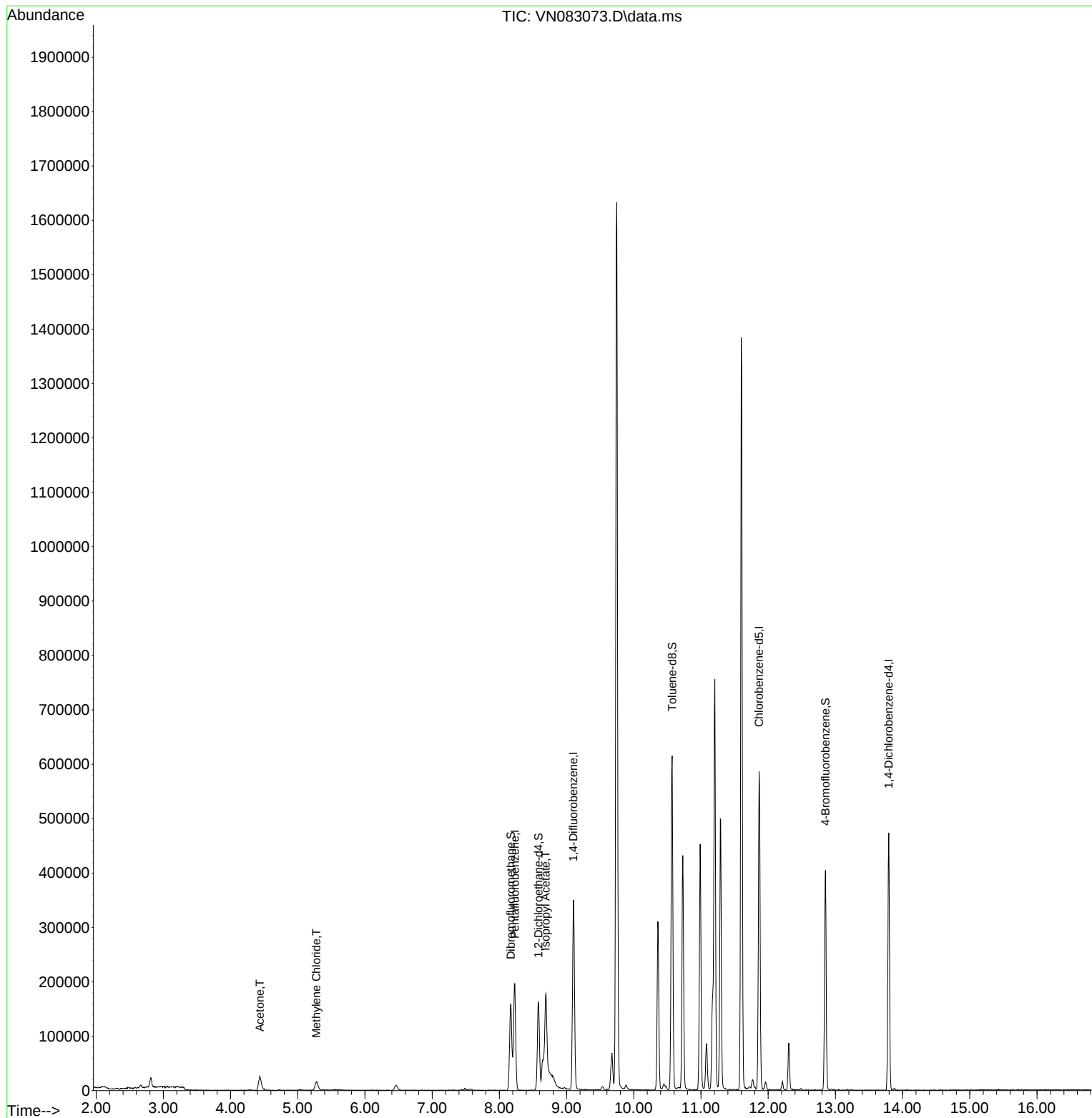
Internal Standards						
1) Pentafluorobenzene	8.229	168	131338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	326642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	134113	72.844	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 145.680%#	
35) Dibromofluoromethane	8.171	113	109331	59.412	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 118.820%	
50) Toluene-d8	10.570	98	407643	59.976	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 119.960%#	
62) 4-Bromofluorobenzene	12.853	95	122367	50.120	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 100.240%	
Target Compounds						Qvalue
16) Acetone	4.436	43	47568	73.385	ug/l	90
20) Methylene Chloride	5.277	84	11605	7.413	ug/l #	82
43) Isopropyl Acetate	8.688	43	268145	55.373	ug/l #	83

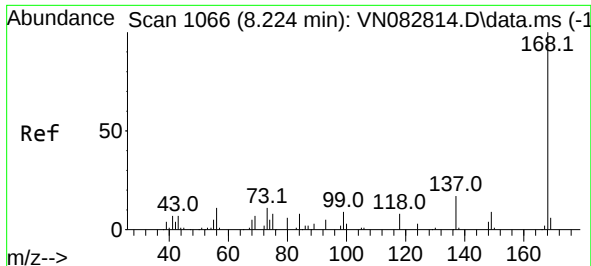
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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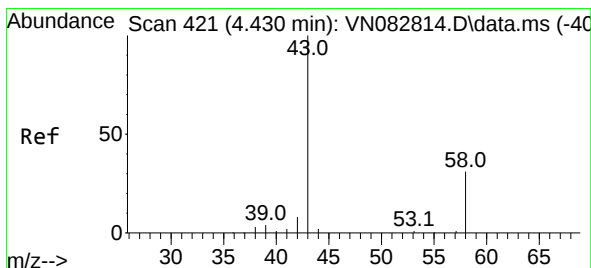
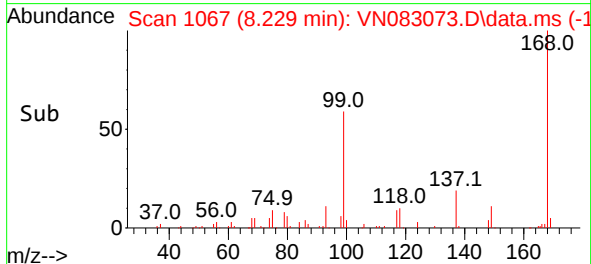
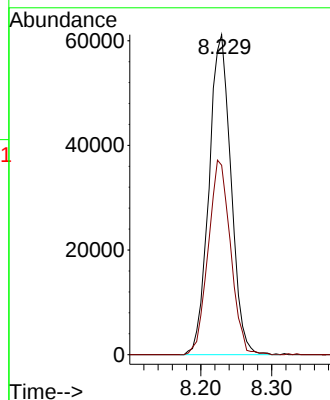
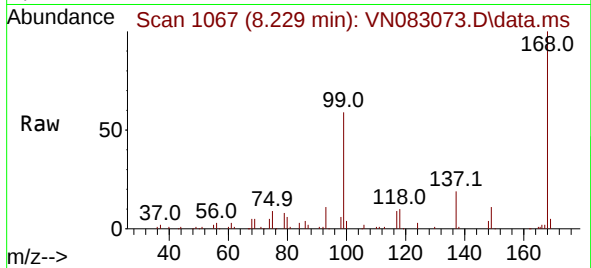




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VN083073.D
Acq: 30 Jul 2024 17:26

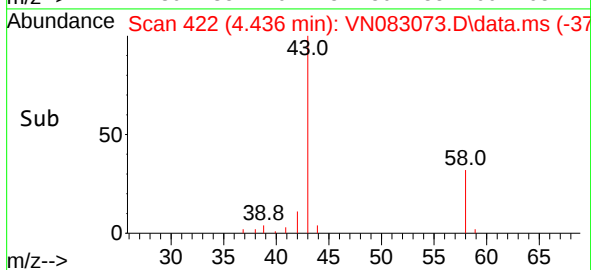
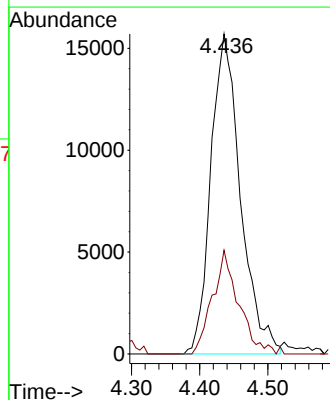
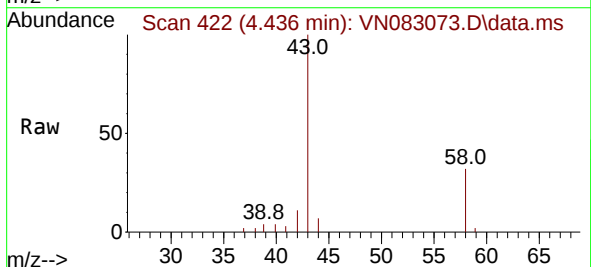
Instrument :
MSVOA_N
ClientSampleId :
PB162324ZHE#03

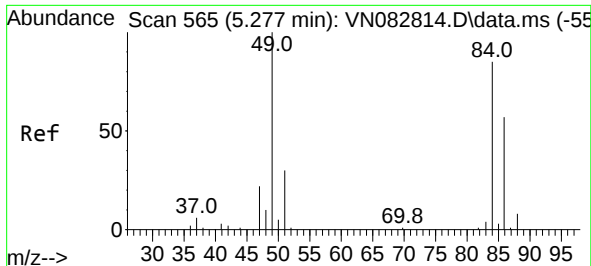
Tgt Ion:168 Resp: 131338
Ion Ratio Lower Upper
168 100
99 59.2 48.2 72.4



#16
Acetone
Concen: 73.385 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083073.D
Acq: 30 Jul 2024 17:26

Tgt Ion: 43 Resp: 47568
Ion Ratio Lower Upper
43 100
58 32.4 21.8 32.6

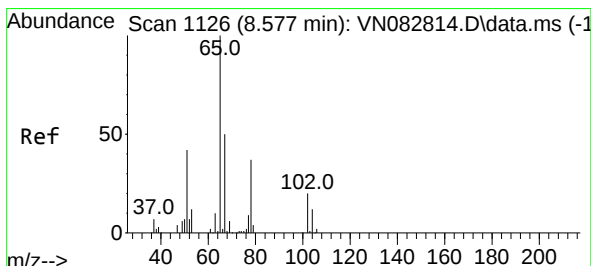
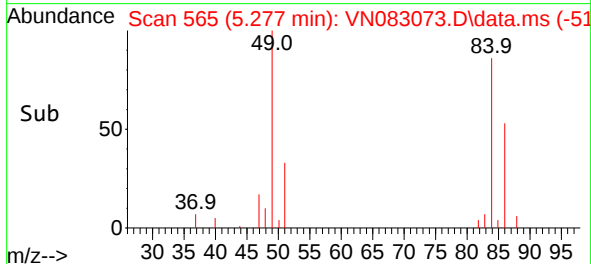
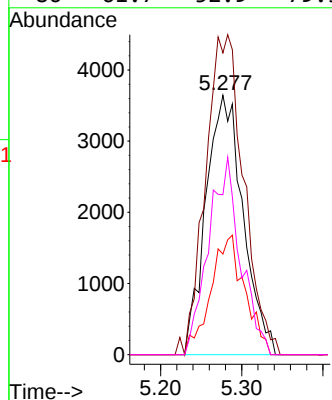
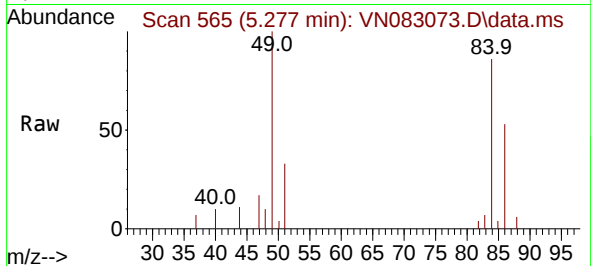




#20
Methylene Chloride
Concen: 7.413 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083073.D
Acq: 30 Jul 2024 17:26

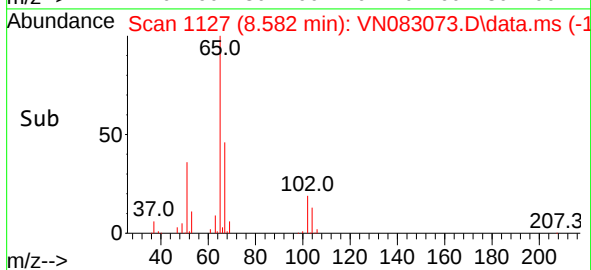
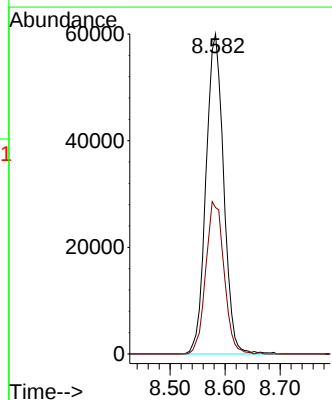
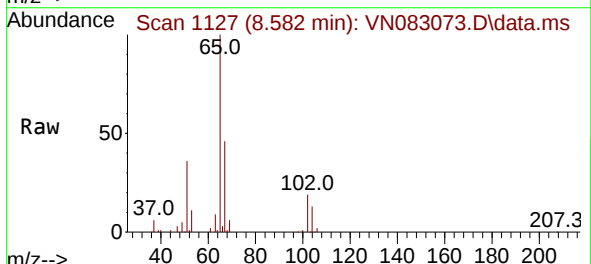
Instrument :
MSVOA_N
ClientSampleId :
PB162324ZHE#03

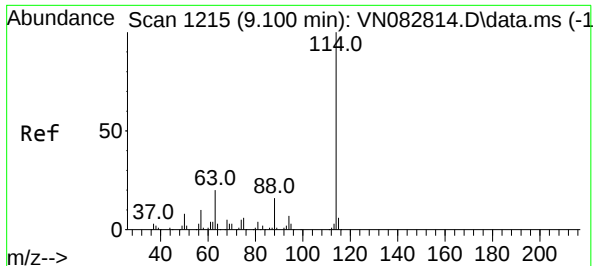
Tgt Ion:	84	Resp:	11605
Ion	Ratio	Lower	Upper
84	100		
49	116.3	119.6	179.4#
51	38.8	34.8	52.2
86	61.7	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 72.844 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083073.D
Acq: 30 Jul 2024 17:26

Tgt Ion:	65	Resp:	134113
Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN083073.D

Acq: 30 Jul 2024 17:26

Instrument :

MSVOA_N

ClientSampleId :

PB162324ZHE#03

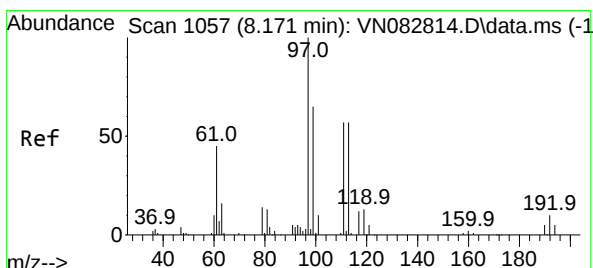
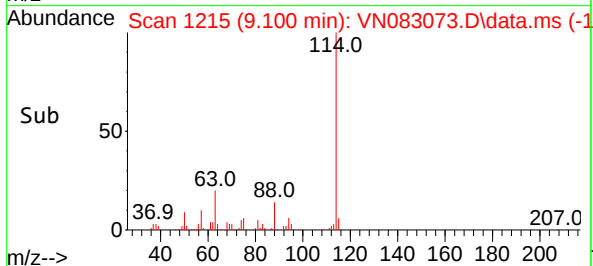
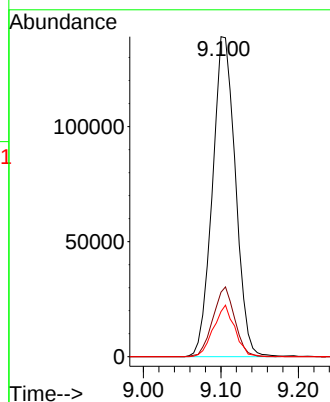
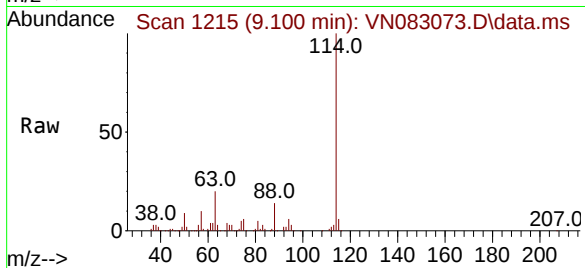
Tgt Ion:114 Resp: 286782

Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.6

88 14.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 59.412 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083073.D

Acq: 30 Jul 2024 17:26

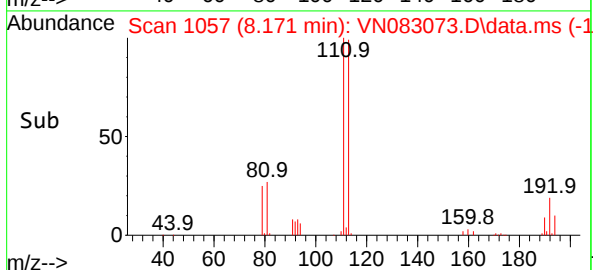
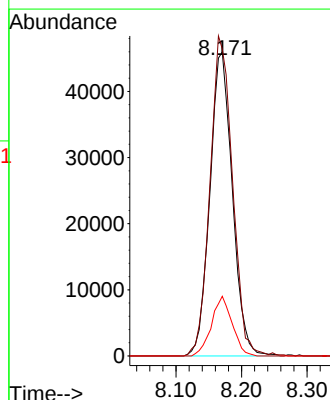
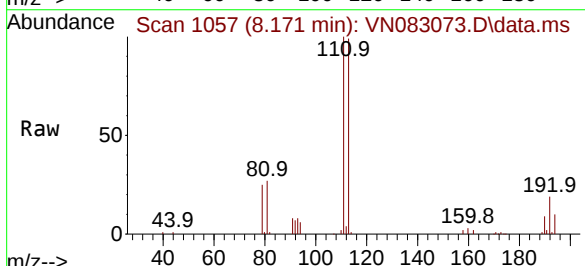
Tgt Ion:113 Resp: 109331

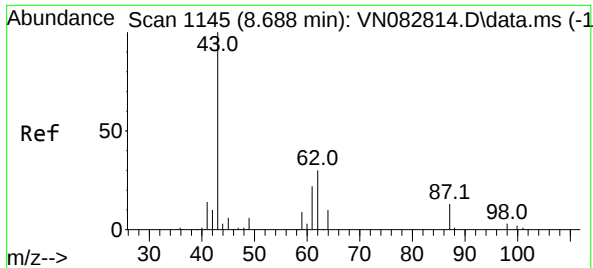
Ion Ratio Lower Upper

113 100

111 105.1 82.4 123.6

192 18.1 14.9 22.3

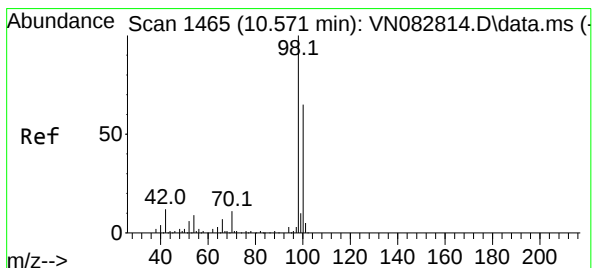
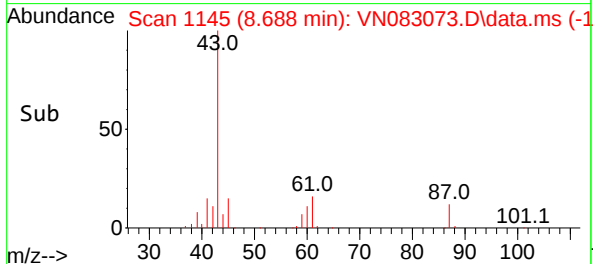
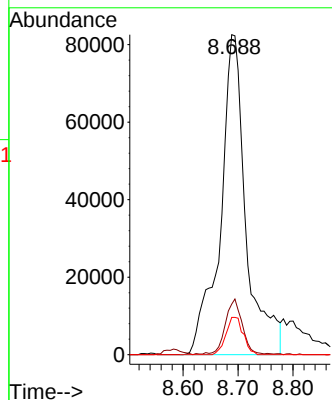
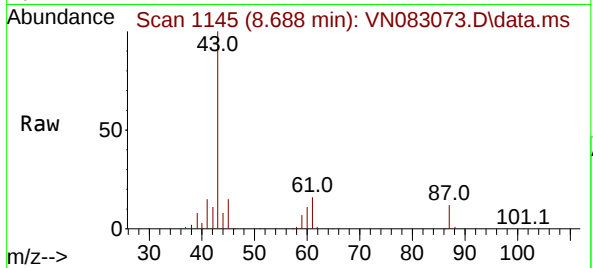




#43
Isopropyl Acetate
Concen: 55.373 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN083073.D
Acq: 30 Jul 2024 17:26

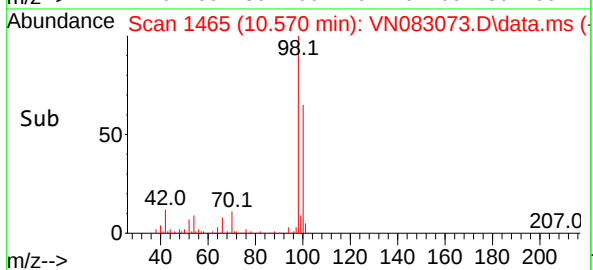
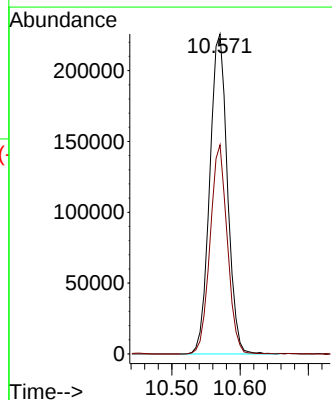
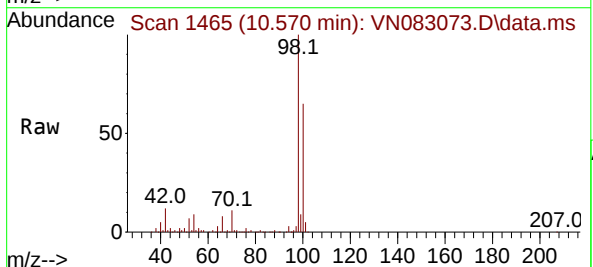
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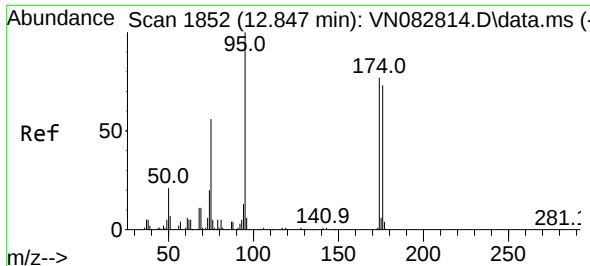
Tgt Ion: 43 Resp: 268145
Ion Ratio Lower Upper
43 100
61 11.7 17.8 26.6#
87 7.8 8.2 12.2#



#50
Toluene-d8
Concen: 59.976 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN083073.D
Acq: 30 Jul 2024 17:26

Tgt Ion: 98 Resp: 407643
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3

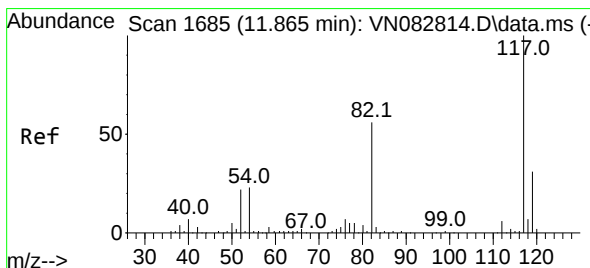
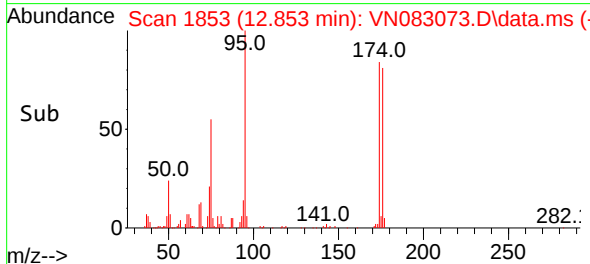
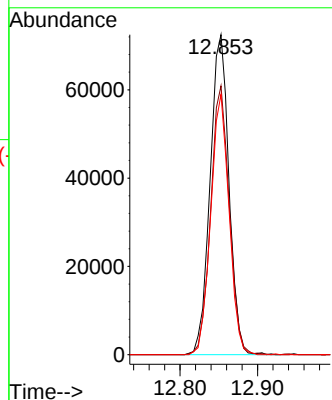
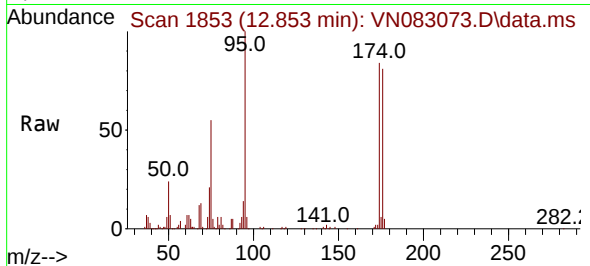




#62
4-Bromofluorobenzene
Concen: 50.120 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083073.D
Acq: 30 Jul 2024 17:26

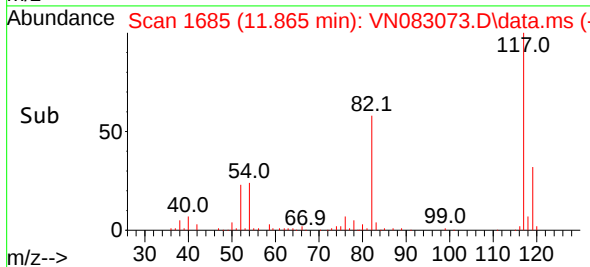
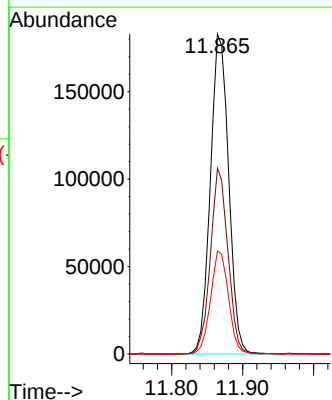
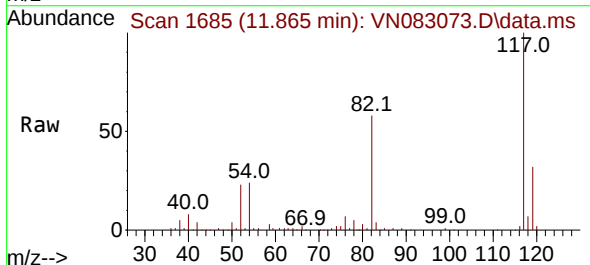
Instrument :
MSVOA_N
ClientSampleId :
PB162324ZHE#03

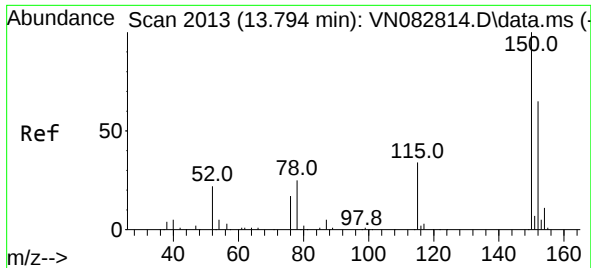
Tgt Ion:	95	Resp:	122367
Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	159.2
176	78.8	0.0	147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN083073.D
Acq: 30 Jul 2024 17:26

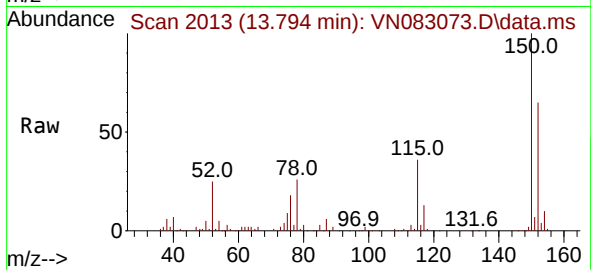
Tgt Ion:	117	Resp:	326642
Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.5	71.3
119	32.2	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083073.D
 Acq: 30 Jul 2024 17:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162324ZHE#03



Tgt Ion:152 Resp: 119525
 Ion Ratio Lower Upper
 152 100
 115 57.4 30.6 91.6
 150 158.6 0.0 348.6

