

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072324\
 Data File : VN083015.D
 Acq On : 23 Jul 2024 16:47
 Operator : JC\MD
 Sample : PB162199TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162199TB

Quant Time: Jul 24 02:30:16 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)

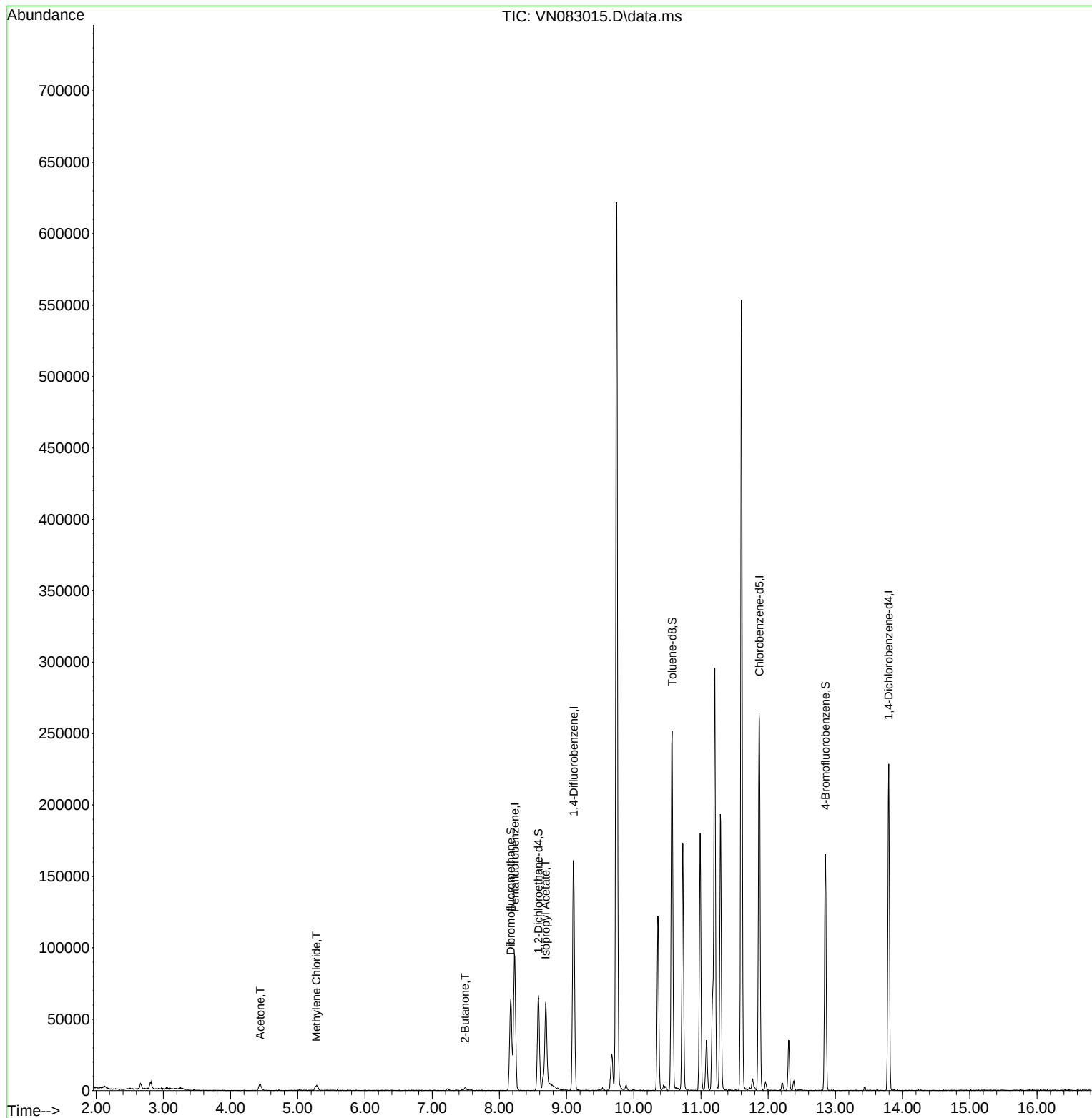
Internal Standards						
1) Pentafluorobenzene	8.229	168	66960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	136583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	151986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	59119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	54169	57.710	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.420%
35) Dibromofluoromethane	8.171	113	44492	50.766	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.540%
50) Toluene-d8	10.571	98	169246	52.284	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.560%
62) 4-Bromofluorobenzene	12.853	95	52144	44.845	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.680%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	8646	26.163	ug/l	97
20) Methylene Chloride	5.277	84	3074	3.852	ug/l #	79
25) 2-Butanone	7.488	43	3687	7.389	ug/l	92
43) Isopropyl Acetate	8.688	43	74189	30.846	ug/l #	89

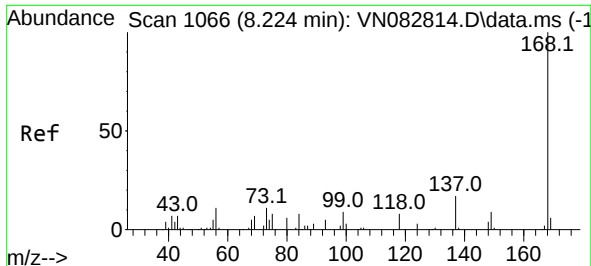
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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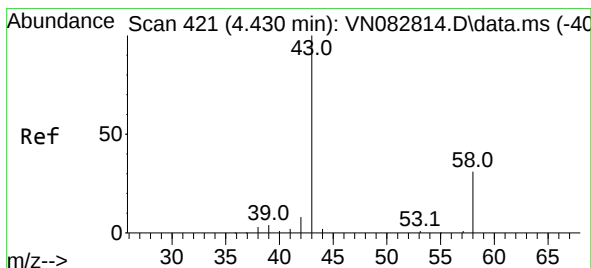
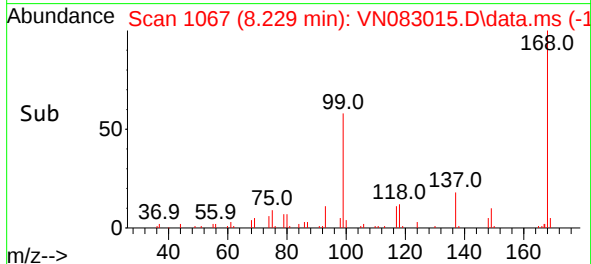
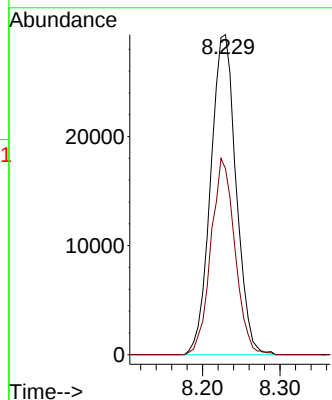
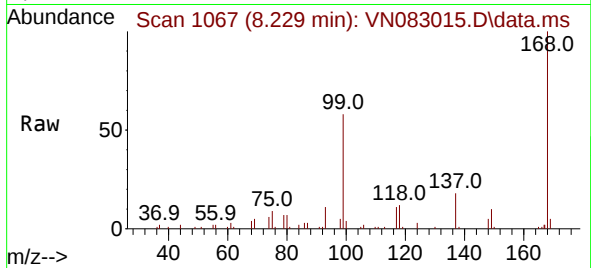




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN083015.D
Acq: 23 Jul 2024 16:47

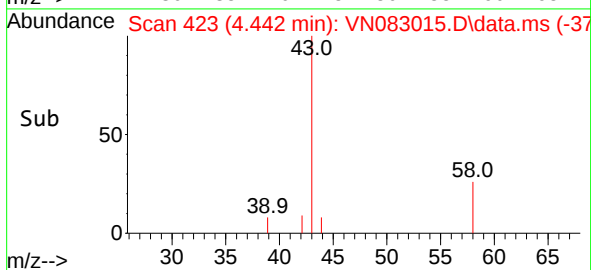
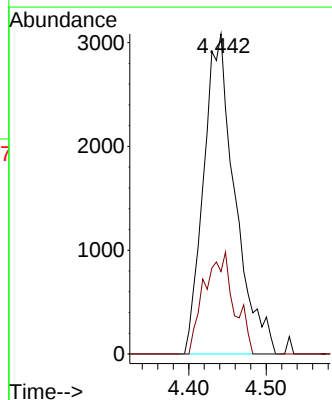
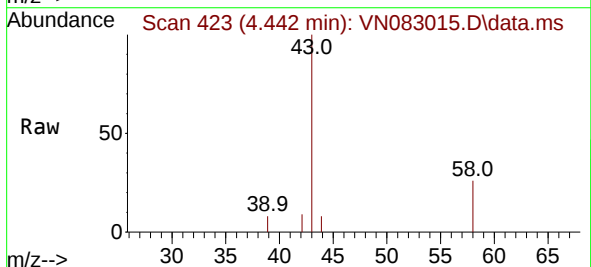
Instrument :
MSVOA_N
ClientSampleId :
PB162199TB

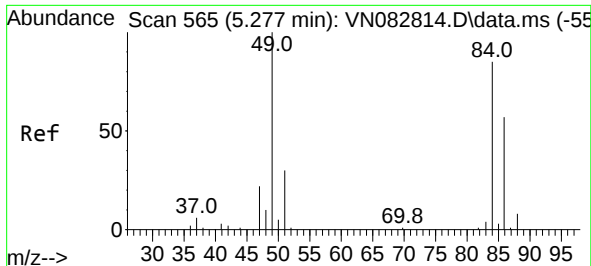
Tgt Ion:168 Resp: 66960
Ion Ratio Lower Upper
168 100
99 58.1 48.2 72.4



#16
Acetone
Concen: 26.163 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083015.D
Acq: 23 Jul 2024 16:47

Tgt Ion: 43 Resp: 8646
Ion Ratio Lower Upper
43 100
58 25.8 21.8 32.6

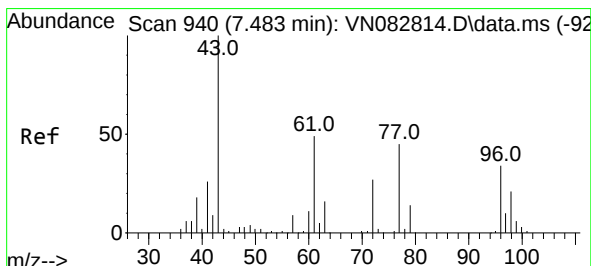
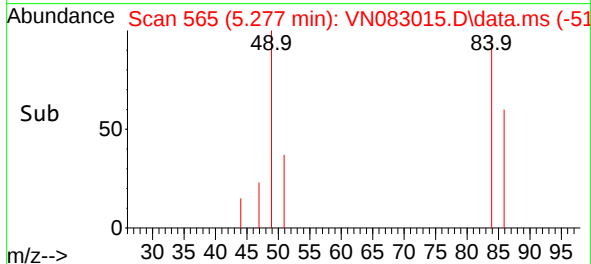
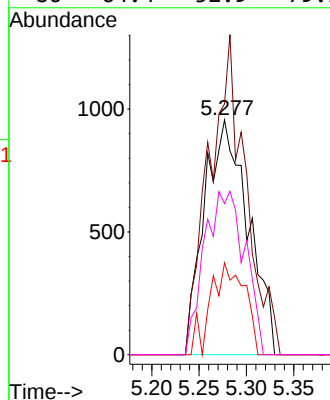
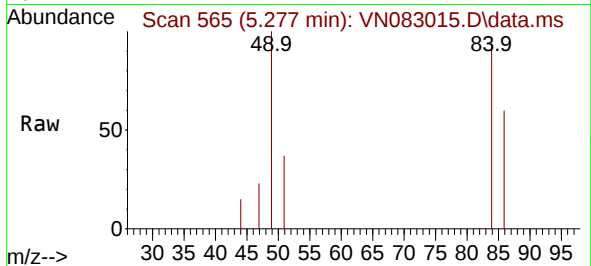




#20
Methylene Chloride
Concen: 3.852 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083015.D
Acq: 23 Jul 2024 16:47

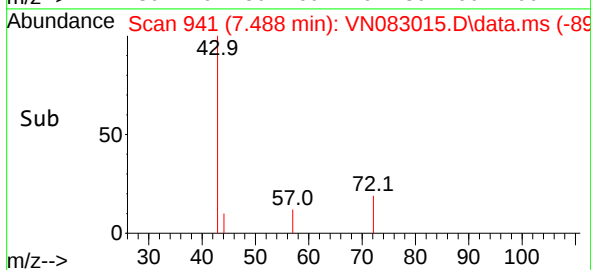
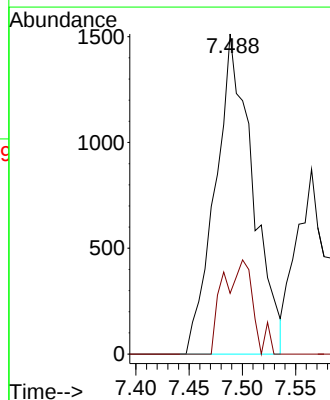
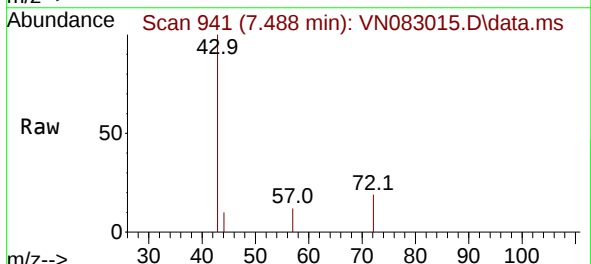
Instrument :
MSVOA_N
ClientSampleId :
PB162199TB

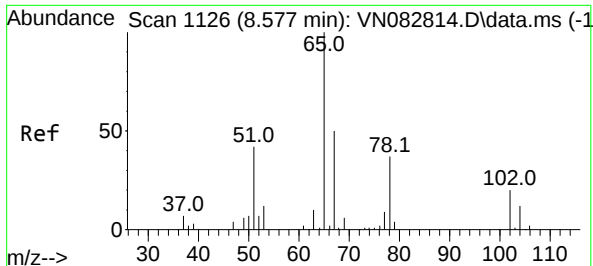
Tgt Ion: 84	Resp:	3074
Ion	Ratio	Lower Upper
84	100	
49	106.8	119.6 179.4#
51	39.1	34.8 52.2
86	64.4	52.9 79.3



#25
2-Butanone
Concen: 7.389 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083015.D
Acq: 23 Jul 2024 16:47

Tgt Ion: 43	Resp:	3687
Ion	Ratio	Lower Upper
43	100	
72	19.0	18.2 27.2





#33

1,2-Dichloroethane-d4

Concen: 57.710 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083015.D

Acq: 23 Jul 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

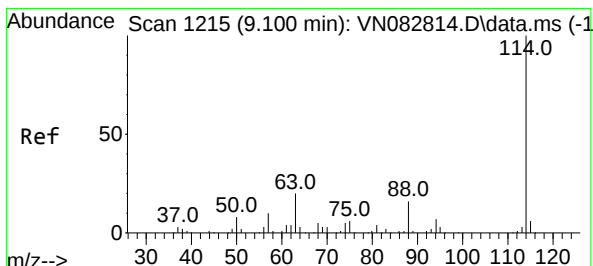
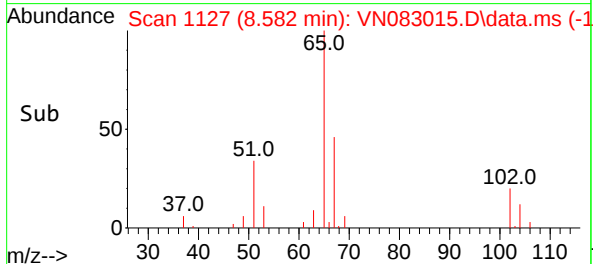
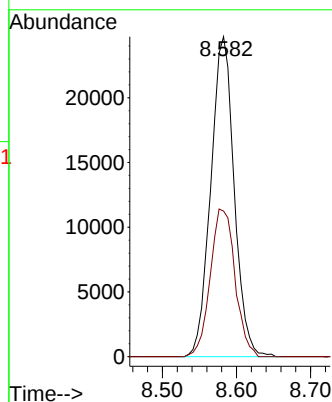
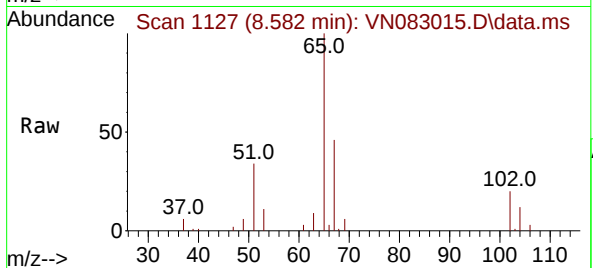
PB162199TB

Tgt Ion: 65 Resp: 54169

Ion Ratio Lower Upper

65 100

67 48.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN083015.D

Acq: 23 Jul 2024 16:47

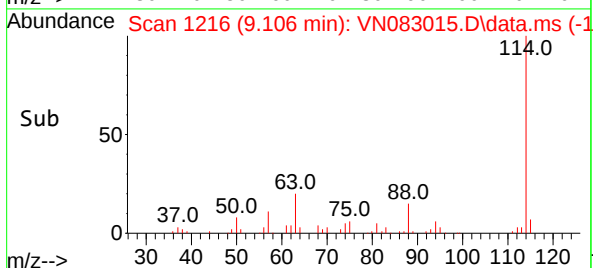
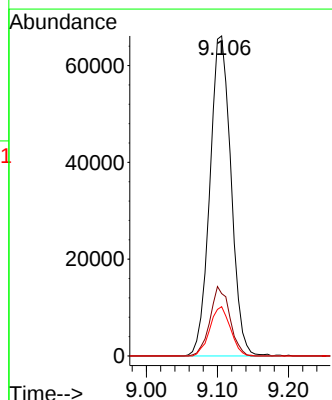
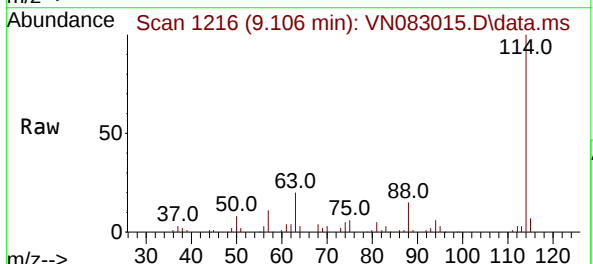
Tgt Ion: 114 Resp: 136583

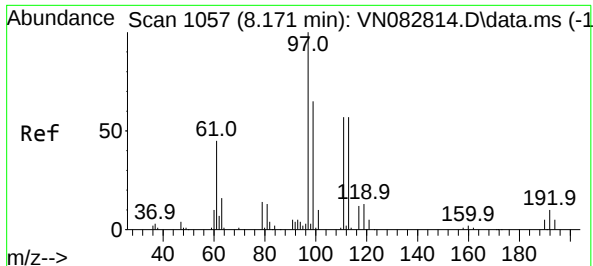
Ion Ratio Lower Upper

114 100

63 19.5 0.0 44.6

88 15.4 0.0 31.4

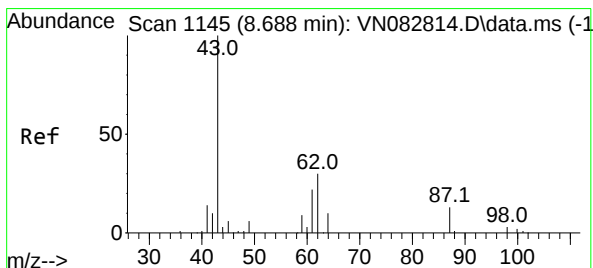
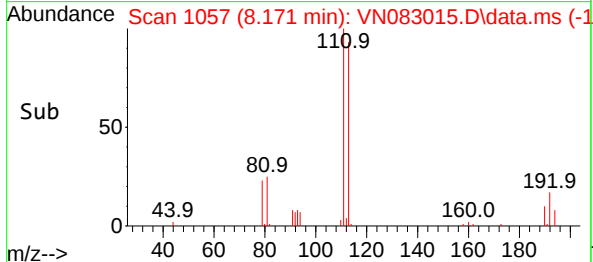
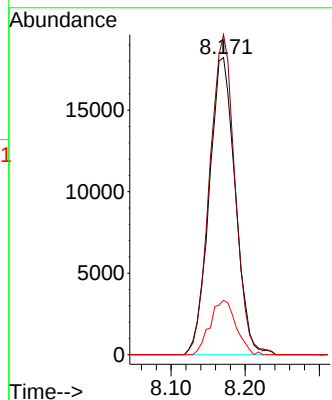
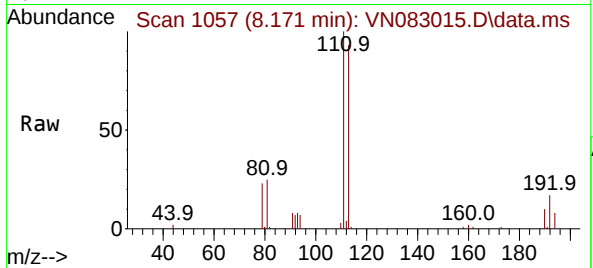




#35
Dibromofluoromethane
Concen: 50.766 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083015.D
Acq: 23 Jul 2024 16:47

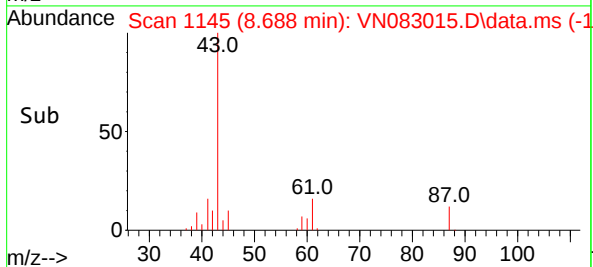
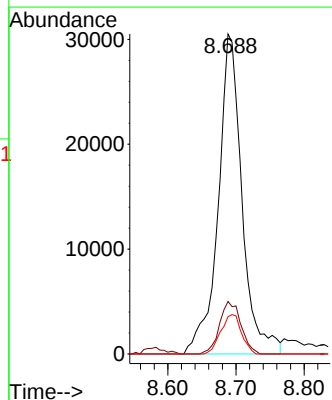
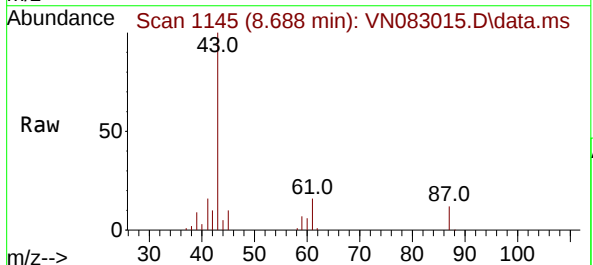
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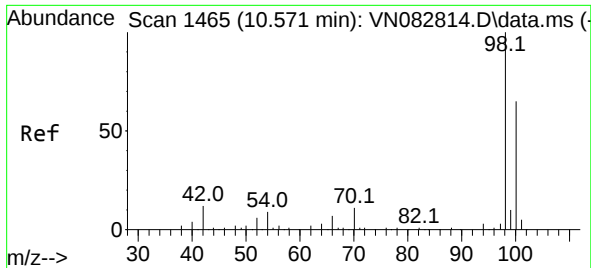
Tgt Ion:113 Resp: 44492
Ion Ratio Lower Upper
113 100
111 104.5 82.4 123.6
192 18.3 14.9 22.3



#43
Isopropyl Acetate
Concen: 30.846 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN083015.D
Acq: 23 Jul 2024 16:47

Tgt Ion: 43 Resp: 74189
Ion Ratio Lower Upper
43 100
61 14.8 17.8 26.6#
87 10.7 8.2 12.2

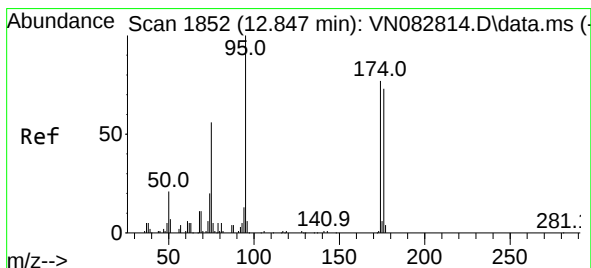
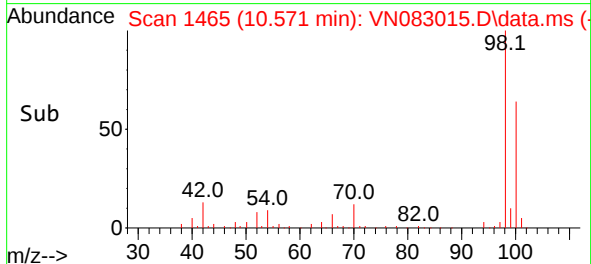
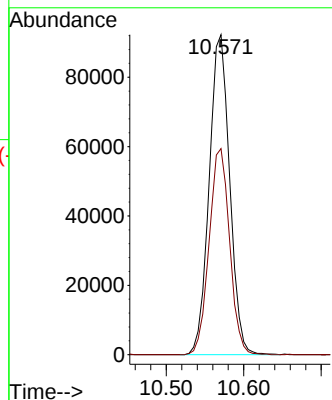
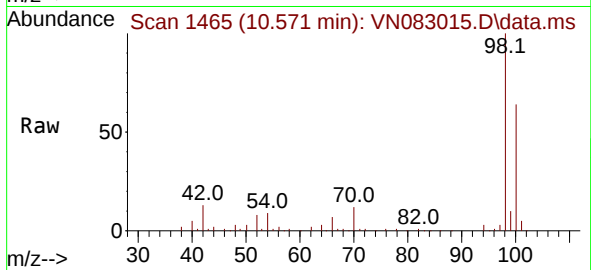




#50
Toluene-d8
Concen: 52.284 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083015.D
Acq: 23 Jul 2024 16:47

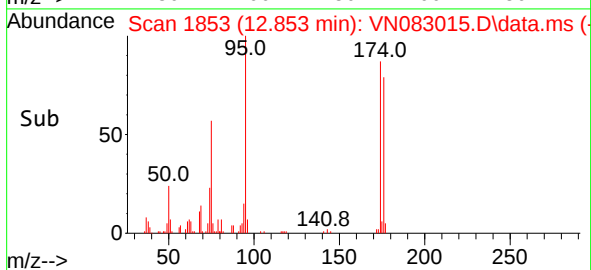
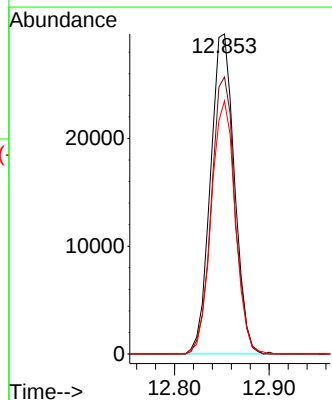
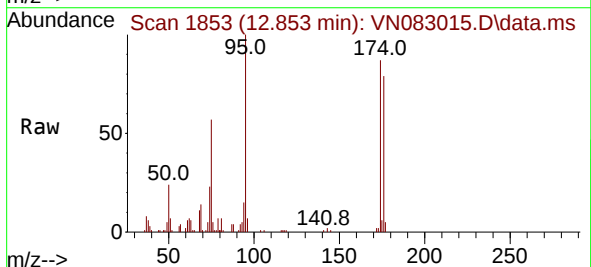
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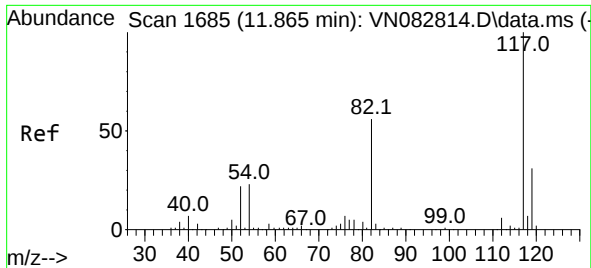
Tgt Ion: 98 Resp: 169246
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 44.845 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083015.D
Acq: 23 Jul 2024 16:47

Tgt Ion: 95 Resp: 52144
Ion Ratio Lower Upper
95 100
174 85.2 0.0 159.2
176 79.1 0.0 147.6

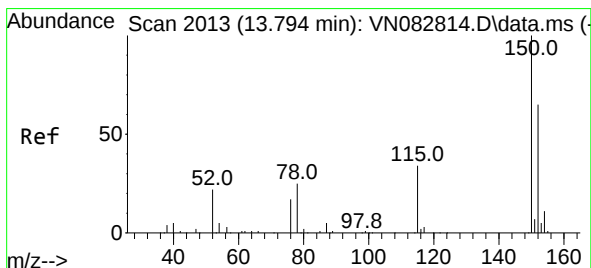
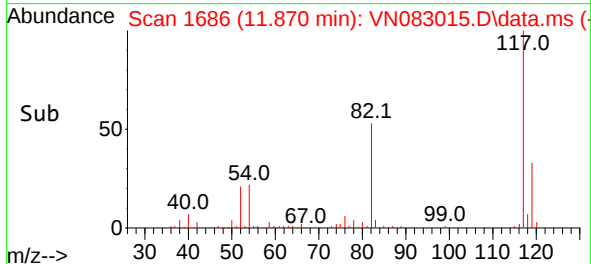
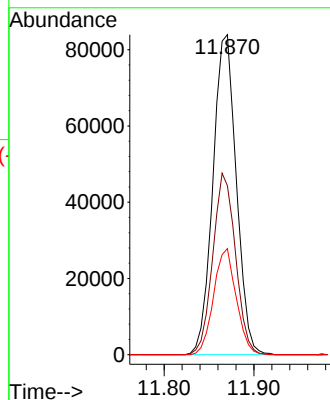
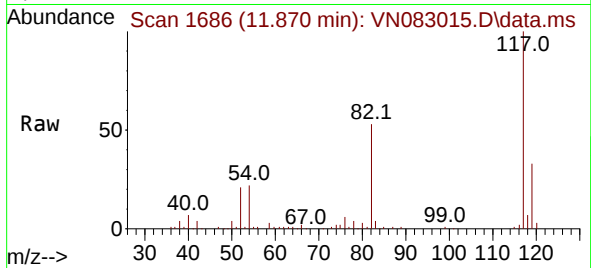




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083015.D
Acq: 23 Jul 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 151986
Ion Ratio Lower Upper
117 100
82 52.8 47.5 71.3
119 33.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083015.D
Acq: 23 Jul 2024 16:47

Tgt Ion:152 Resp: 59119
Ion Ratio Lower Upper
152 100
115 58.2 30.6 91.6
150 155.3 0.0 348.6

