

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081224\
 Data File : VN083239.D
 Acq On : 12 Aug 2024 15:48
 Operator : JC\MD
 Sample : PB162591TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162591TB

Quant Time: Aug 13 04:21:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

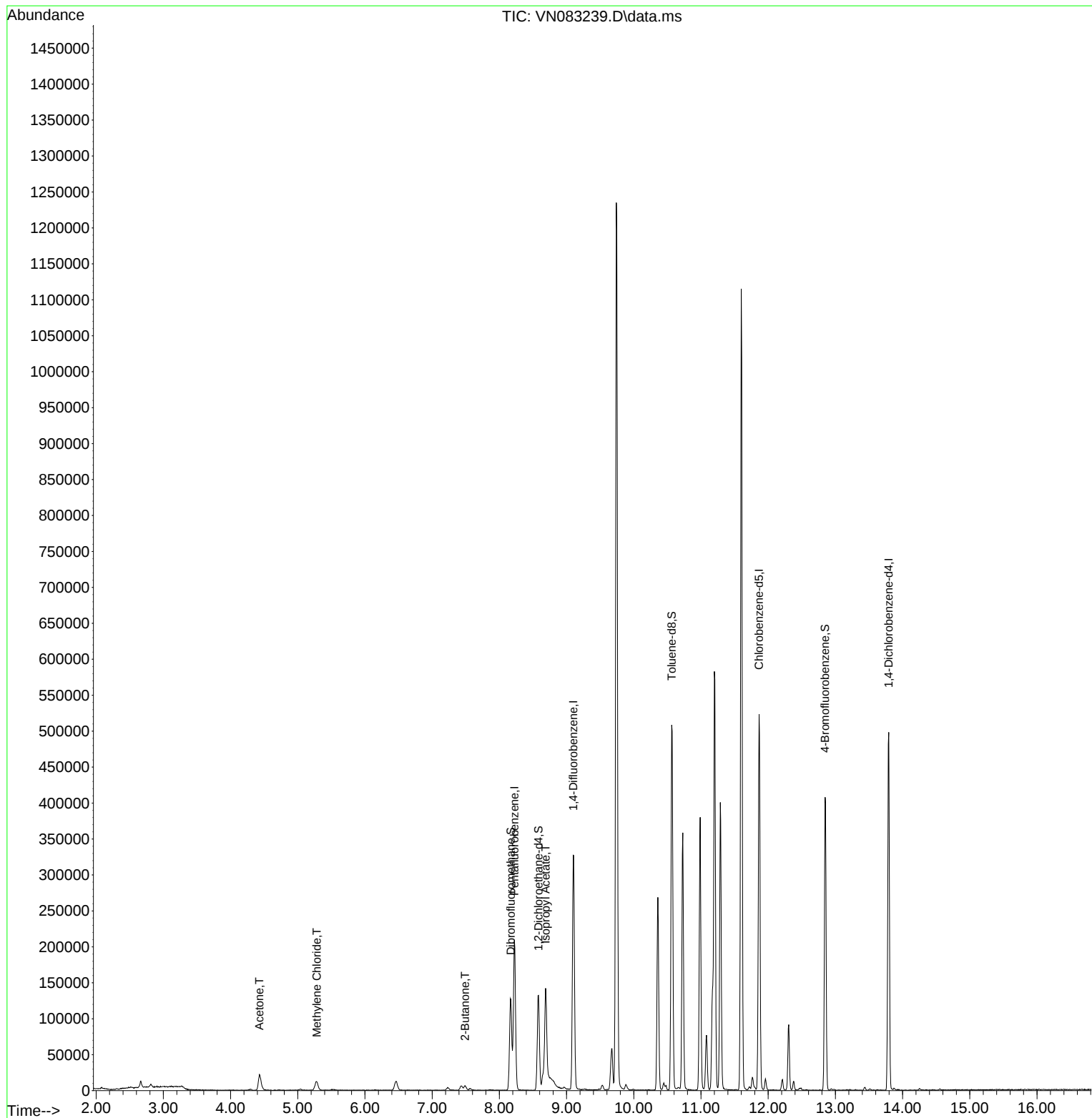
Internal Standards						
1) Pentafluorobenzene	8.224	168	143468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115915	56.763	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.520%
35) Dibromofluoromethane	8.171	113	90728	52.483	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.960%
50) Toluene-d8	10.565	98	350129	54.296	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.600%
62) 4-Bromofluorobenzene	12.847	95	147342	58.609	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	117.220%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	41839	52.360	ug/l	90
20) Methylene Chloride	5.283	84	10197	5.545	ug/l #	77
25) 2-Butanone	7.488	43	11040	8.998	ug/l	92
43) Isopropyl Acetate	8.688	43	215941	42.032	ug/l #	85

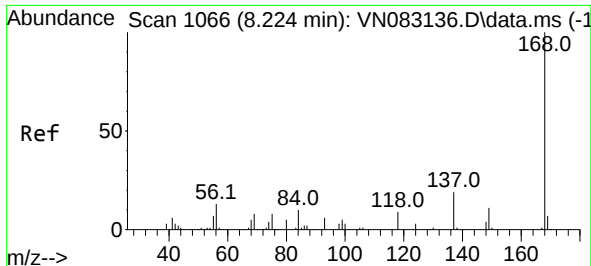
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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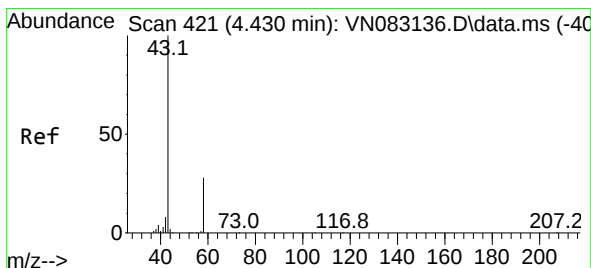
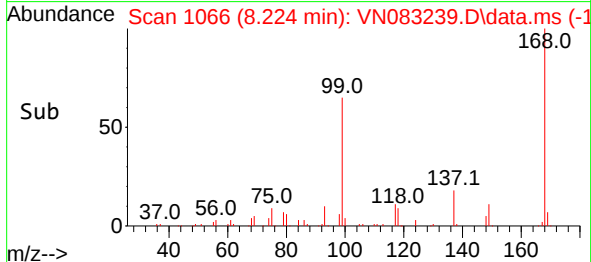
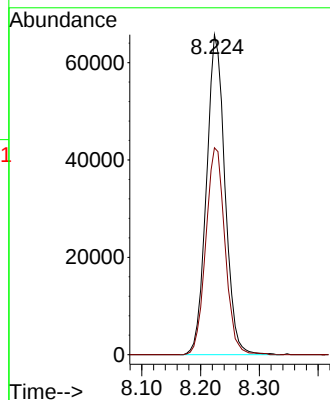
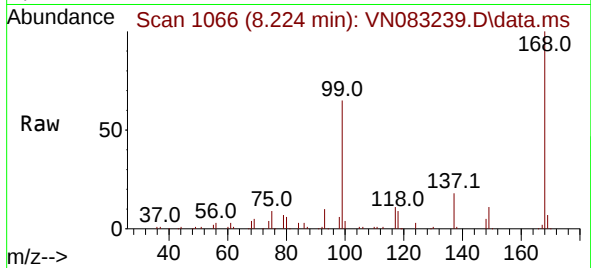




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083239.D
Acq: 12 Aug 2024 15:48

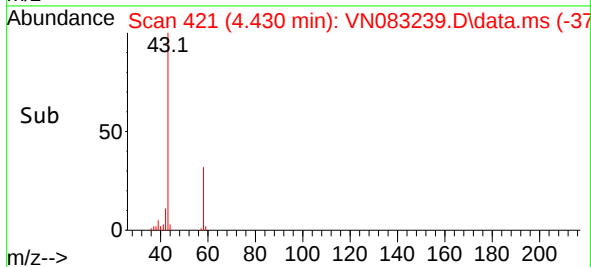
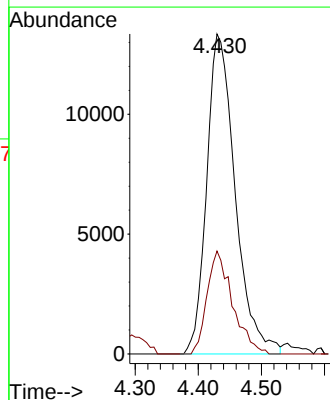
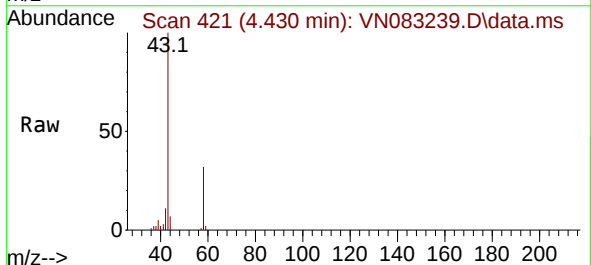
Instrument :
MSVOA_N
ClientSampleId :
PB162591TB

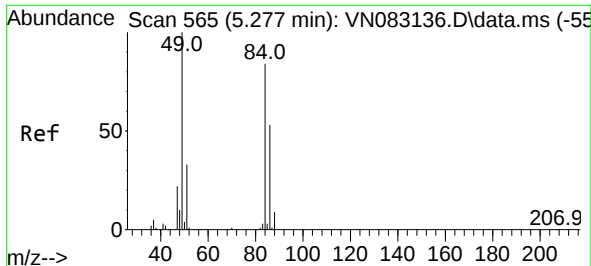
Tgt Ion:168 Resp: 143468
Ion Ratio Lower Upper
168 100
99 64.6 48.2 72.4



#16
Acetone
Concen: 52.360 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083239.D
Acq: 12 Aug 2024 15:48

Tgt Ion: 43 Resp: 41839
Ion Ratio Lower Upper
43 100
58 32.2 21.8 32.6

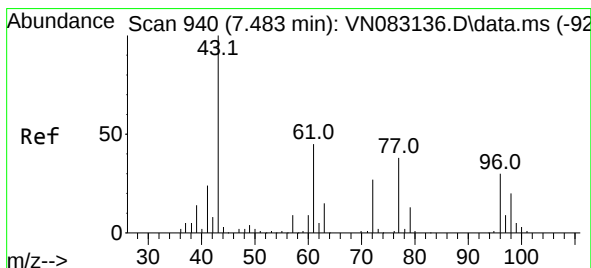
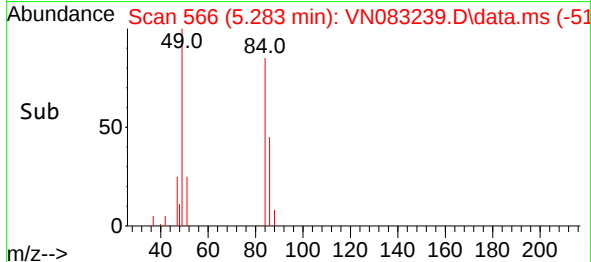
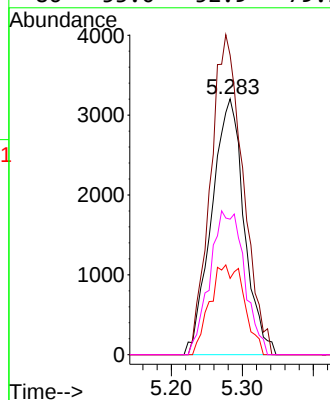
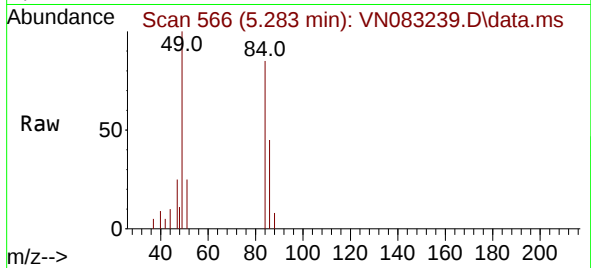




#20
Methylene Chloride
Concen: 5.545 ug/l
RT: 5.283 min Scan# 501
Delta R.T. 0.006 min
Lab File: VN083239.D
Acq: 12 Aug 2024 15:48

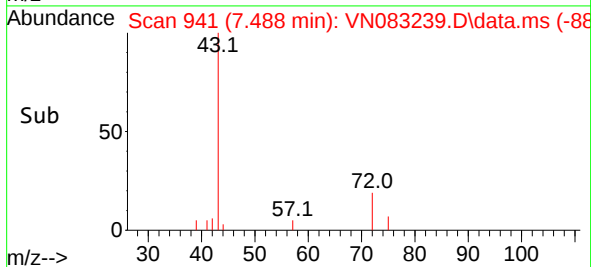
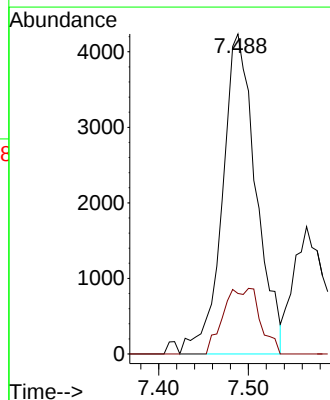
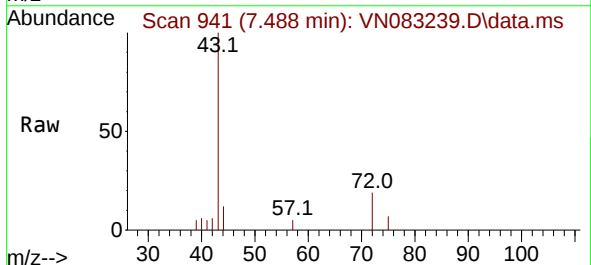
Instrument :
MSVOA_N
ClientSampleId :
PB162591TB

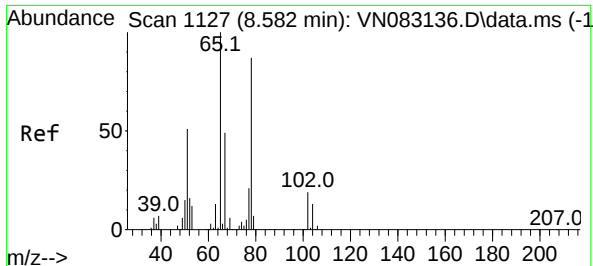
Tgt Ion:	84	Resp:	10197
Ion	Ratio	Lower	Upper
84	100		
49	117.0	119.6	179.4#
51	29.8	34.8	52.2#
86	53.0	52.9	79.3



#25
2-Butanone
Concen: 8.998 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083239.D
Acq: 12 Aug 2024 15:48

Tgt Ion:	43	Resp:	11040
Ion	Ratio	Lower	Upper
43	100		
72	18.9	18.2	27.2





#33

1,2-Dichloroethane-d4

Concen: 56.763 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN083239.D

Acq: 12 Aug 2024 15:48

Instrument :

MSVOA_N

ClientSampleId :

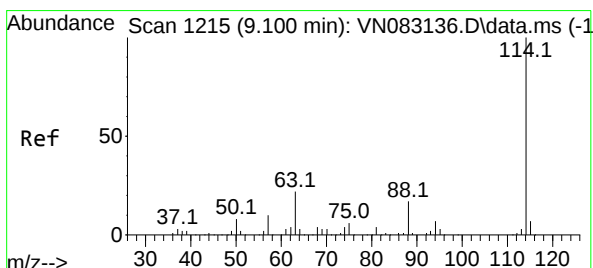
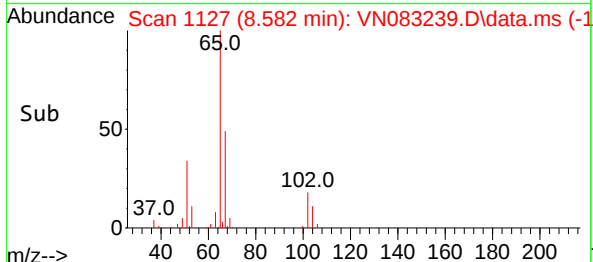
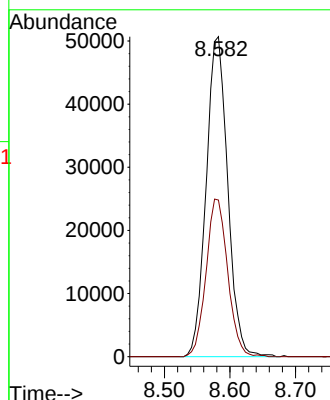
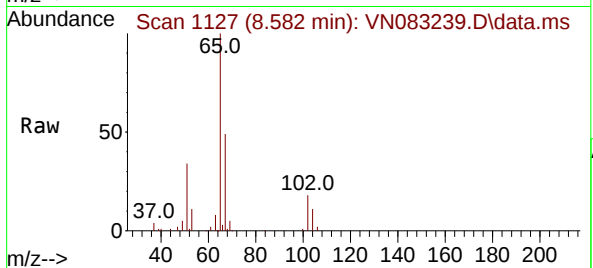
PB162591TB

Tgt Ion: 65 Resp: 115915

Ion Ratio Lower Upper

65 100

67 49.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083239.D

Acq: 12 Aug 2024 15:48

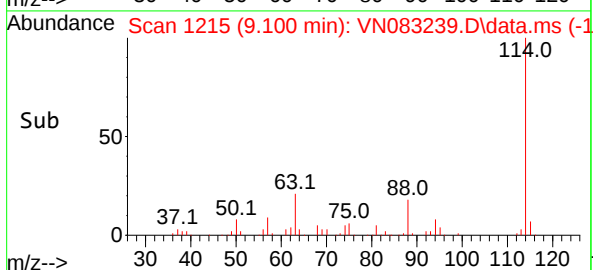
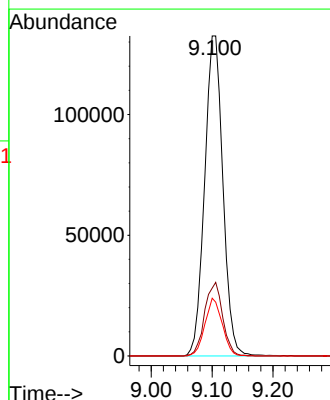
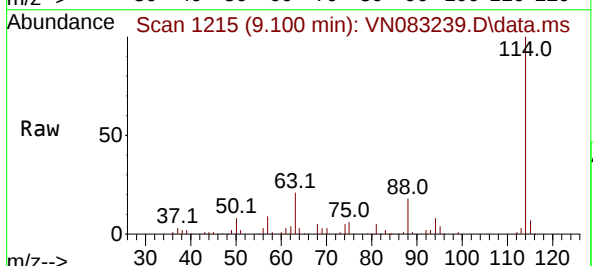
Tgt Ion: 114 Resp: 276956

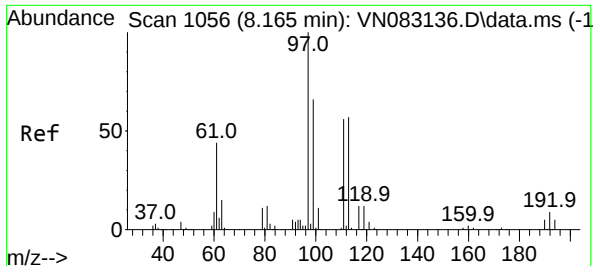
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.6

88 18.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.483 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN083239.D

Acq: 12 Aug 2024 15:48

Instrument :

MSVOA_N

ClientSampleId :

PB162591TB

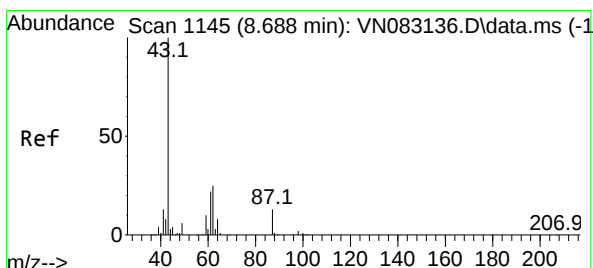
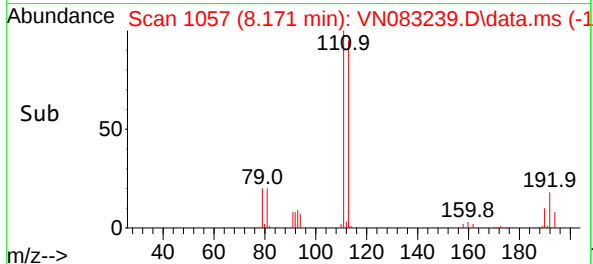
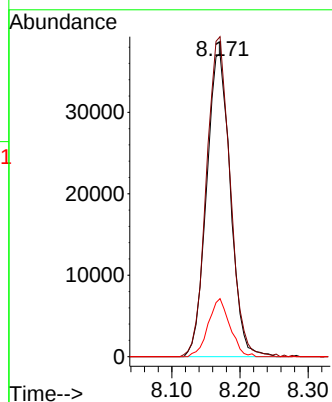
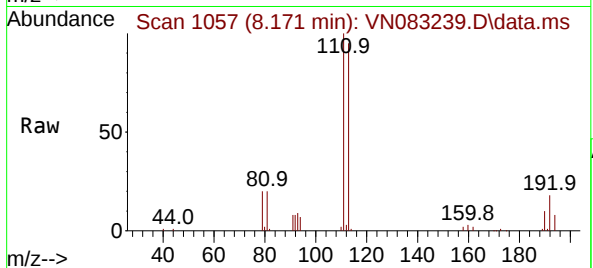
Tgt Ion:113 Resp: 90728

Ion Ratio Lower Upper

113 100

111 105.0 82.4 123.6

192 17.4 14.9 22.3



#43

Isopropyl Acetate

Concen: 42.032 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083239.D

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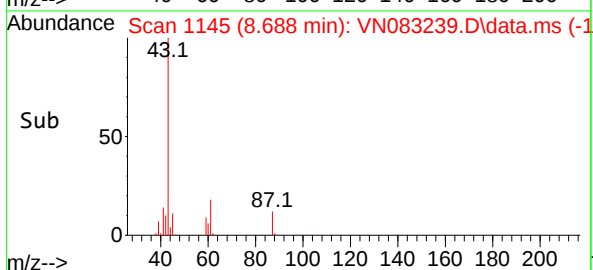
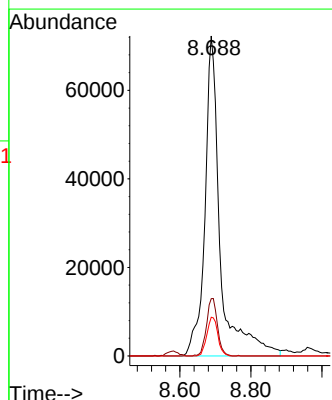
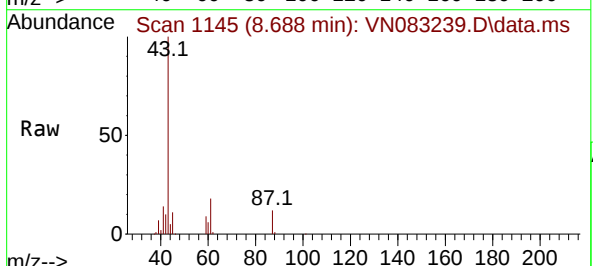
Tgt Ion: 43 Resp: 215941

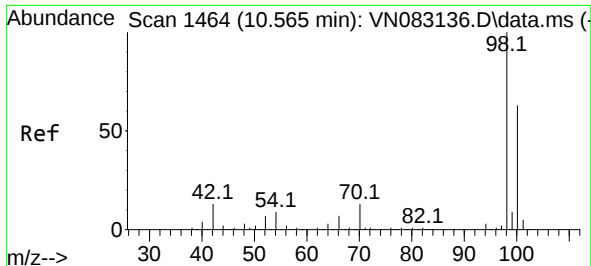
Ion Ratio Lower Upper

43 100

61 12.9 17.8 26.6#

87 8.7 8.2 12.2

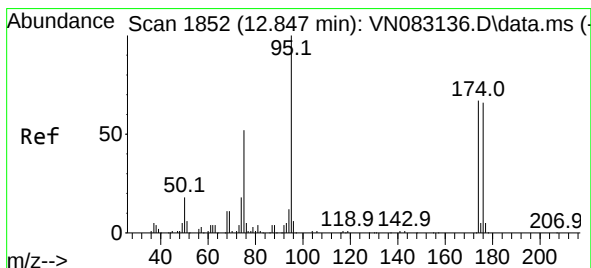
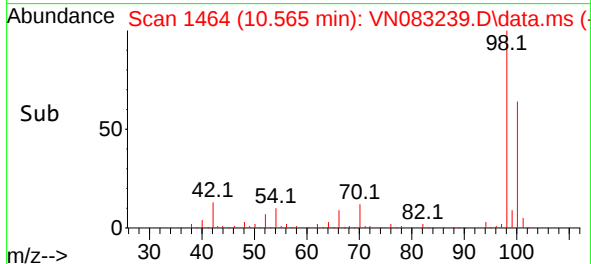
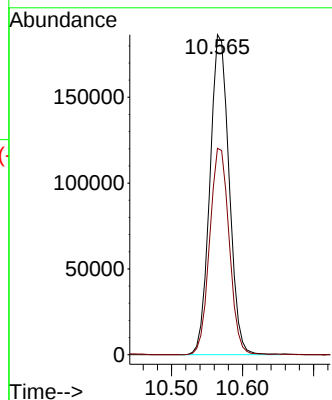
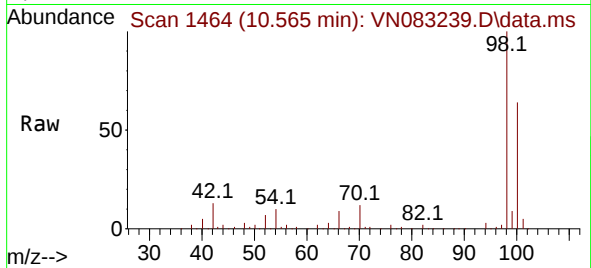




#50
Toluene-d8
Concen: 54.296 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083239.D
Acq: 12 Aug 2024 15:48

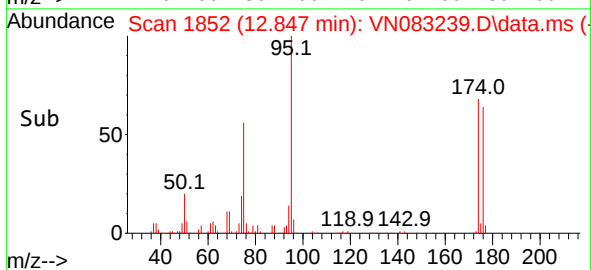
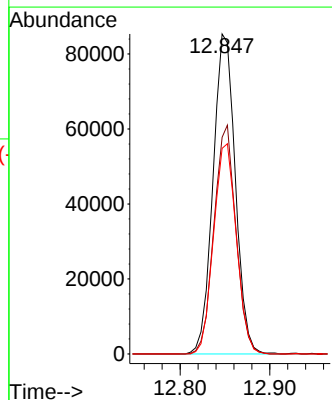
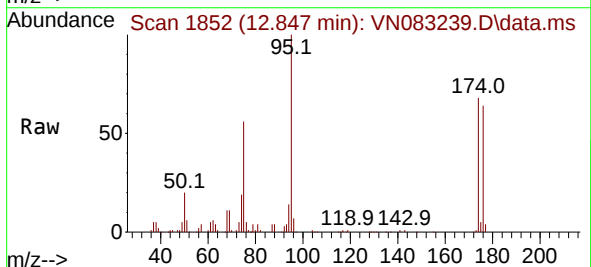
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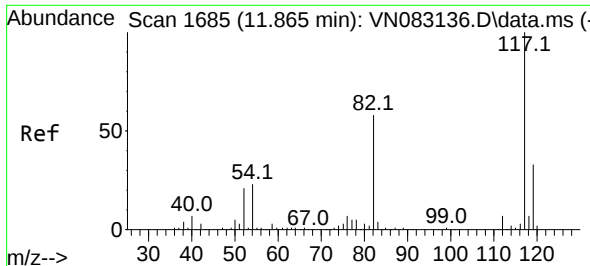
Tgt Ion: 98 Resp: 350129
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 58.609 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083239.D
Acq: 12 Aug 2024 15:48

Tgt Ion: 95 Resp: 147342
Ion Ratio Lower Upper
95 100
174 70.2 0.0 159.2
176 67.1 0.0 147.6

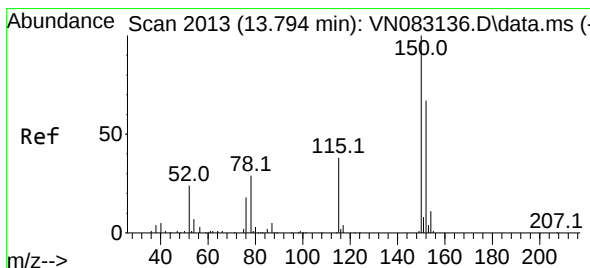
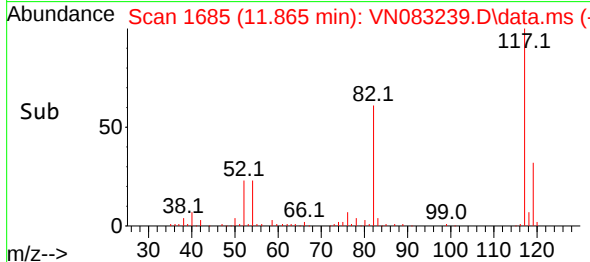
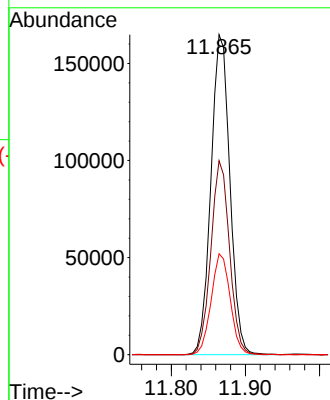
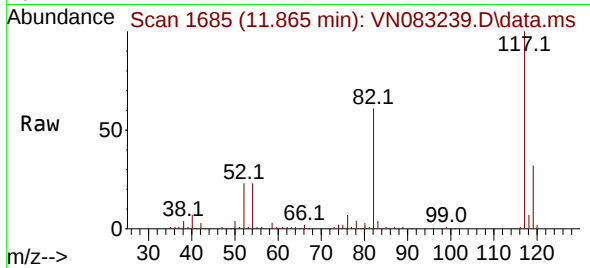




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083239.D
Acq: 12 Aug 2024 15:48

Instrument :
MSVOA_N
ClientSampleId :
PB162591TB

Tgt Ion:117 Resp: 292994
Ion Ratio Lower Upper
117 100
82 60.6 47.5 71.3
119 31.5 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: VN083239.D
Acq: 12 Aug 2024 15:48

Tgt Ion:152 Resp: 129297
Ion Ratio Lower Upper
152 100
115 65.1 30.6 91.6
150 156.8 0.0 348.6

