

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
 Data File : VN083501.D
 Acq On : 27 Aug 2024 11:52
 Operator : JC\MD
 Sample : PB162992TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162992TB

Quant Time: Aug 28 01:42:28 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)

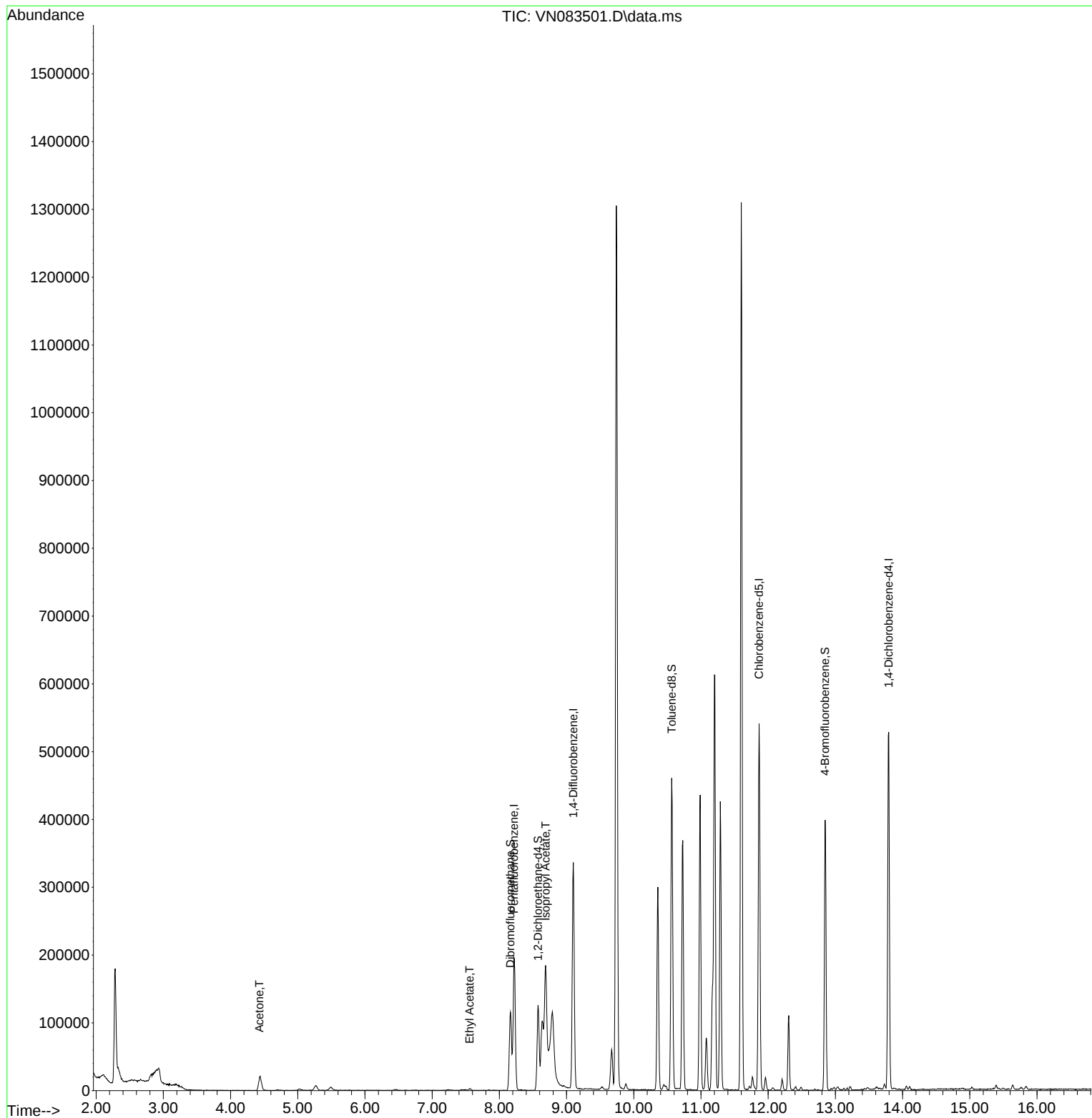
Internal Standards						
1) Pentafluorobenzene	8.218	168	135266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	137229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108260	56.228	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.460%
35) Dibromofluoromethane	8.165	113	83858	48.325	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.660%
50) Toluene-d8	10.565	98	311428	48.112	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.220%
62) 4-Bromofluorobenzene	12.847	95	140346	55.615	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	111.220%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	19130	25.392	ug/l	97
37) Ethyl Acetate	7.559	43	3736	1.271	ug/l #	89
43) Isopropyl Acetate	8.688	43	240377m	46.958	ug/l	

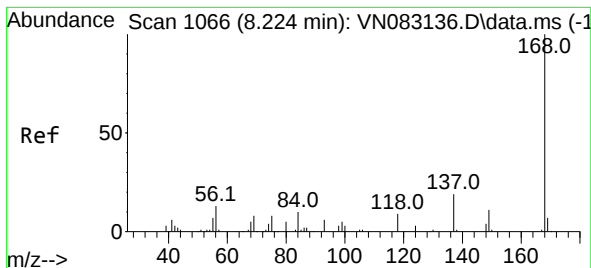
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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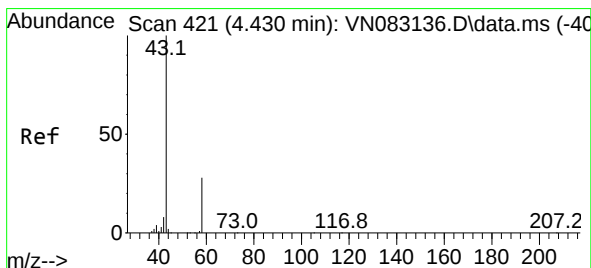
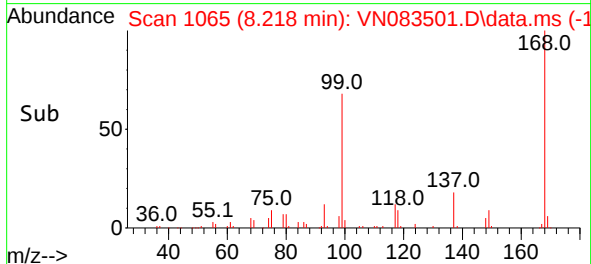
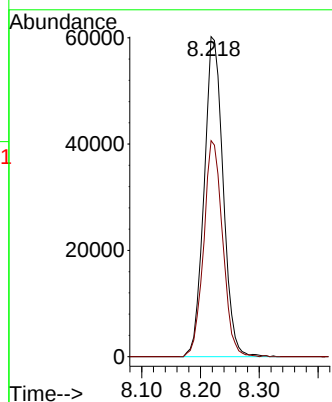
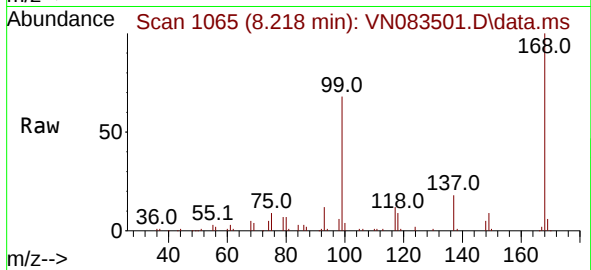




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083501.D
Acq: 27 Aug 2024 11:52

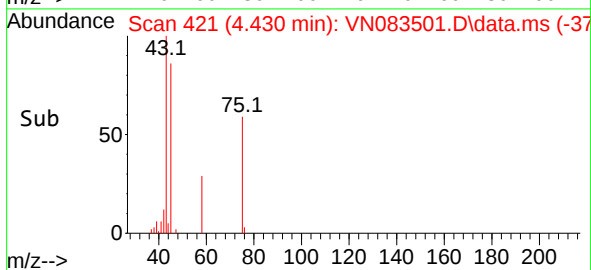
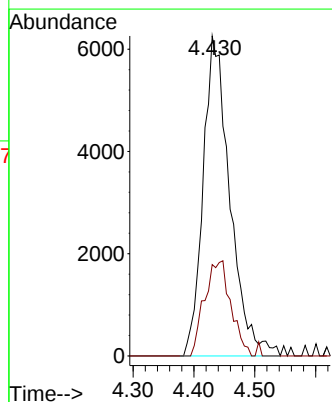
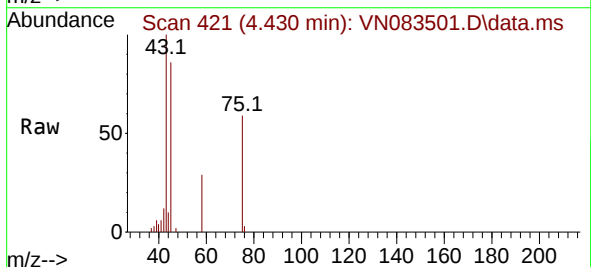
Instrument :
MSVOA_N
ClientSampleId :
PB162992TB

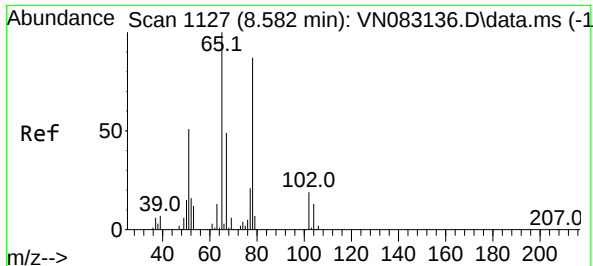
Tgt Ion:168 Resp: 135266
Ion Ratio Lower Upper
168 100
99 67.5 48.2 72.4



#16
Acetone
Concen: 25.392 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083501.D
Acq: 27 Aug 2024 11:52

Tgt Ion: 43 Resp: 19130
Ion Ratio Lower Upper
43 100
58 28.6 21.8 32.6





#33

1,2-Dichloroethane-d4

Concen: 56.228 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083501.D

Acq: 27 Aug 2024 11:52

Instrument :

MSVOA_N

ClientSampleId :

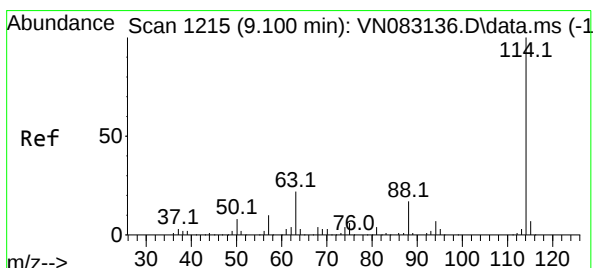
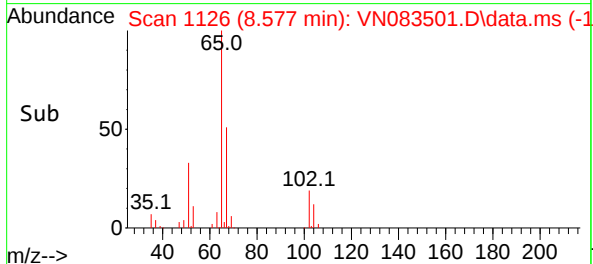
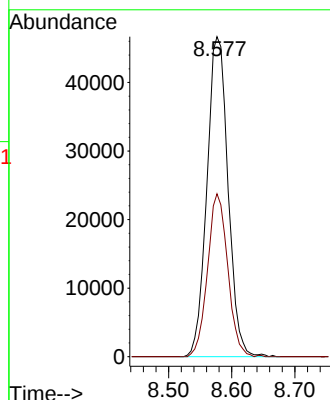
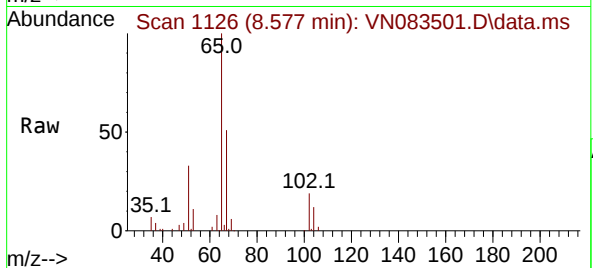
PB162992TB

Tgt Ion: 65 Resp: 108260

Ion Ratio Lower Upper

65 100

67 48.7 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: VN083501.D

Acq: 27 Aug 2024 11:52

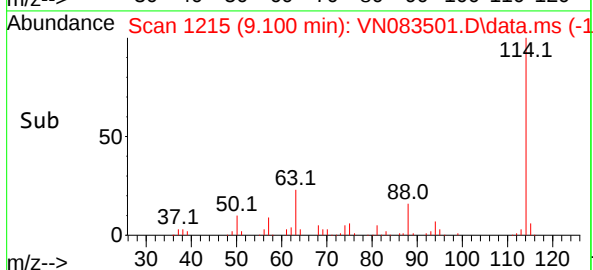
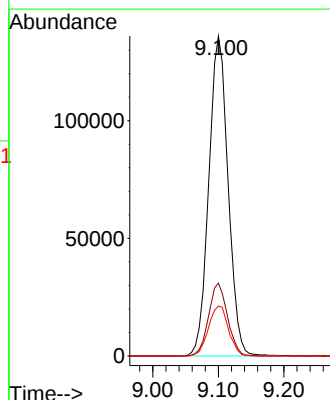
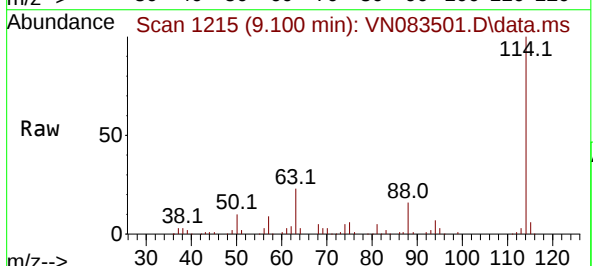
Tgt Ion: 114 Resp: 278010

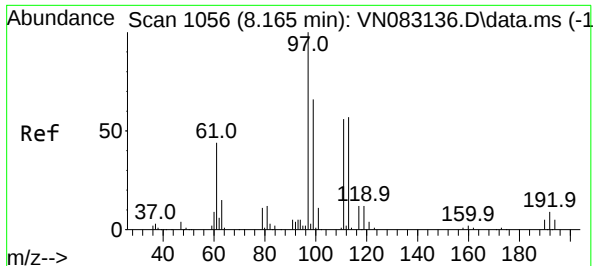
Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.6

88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.325 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083501.D

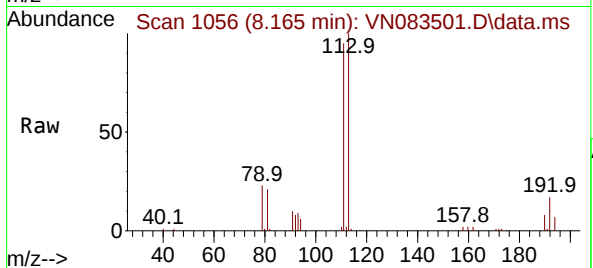
Acq: 27 Aug 2024 11:52

Instrument :

MSVOA_N

ClientSampleId :

PB162992TB



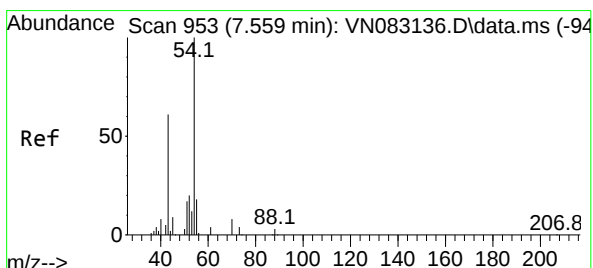
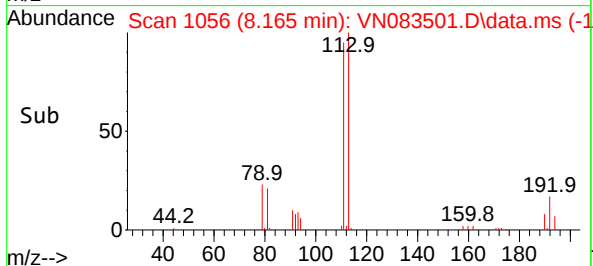
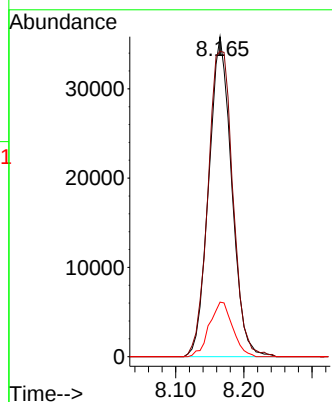
Tgt Ion:113 Resp: 83858

Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

192 17.3 14.9 22.3



#37

Ethyl Acetate

Concen: 1.271 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.000 min

Lab File: VN083501.D

Acq: 27 Aug 2024 11:52

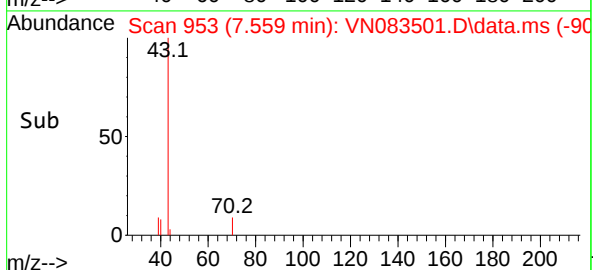
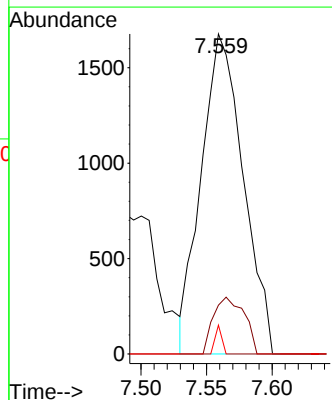
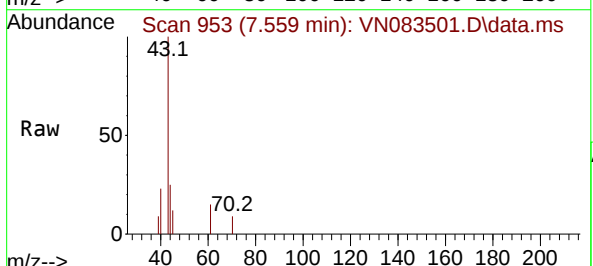
Tgt Ion: 43 Resp: 3736

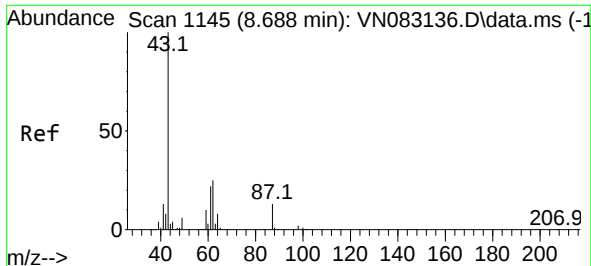
Ion Ratio Lower Upper

43 100

61 13.1 9.3 13.9

70 1.4 7.0 10.6

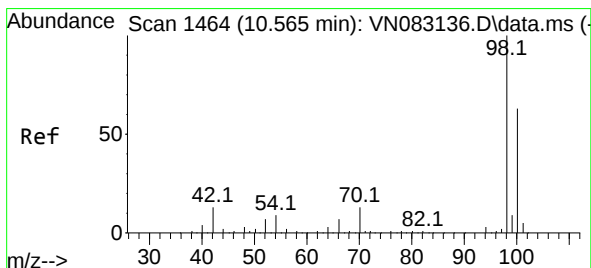
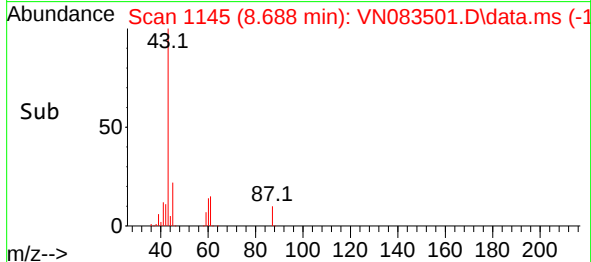
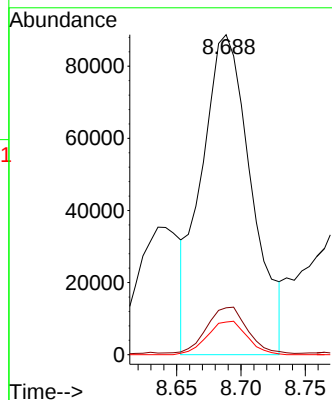
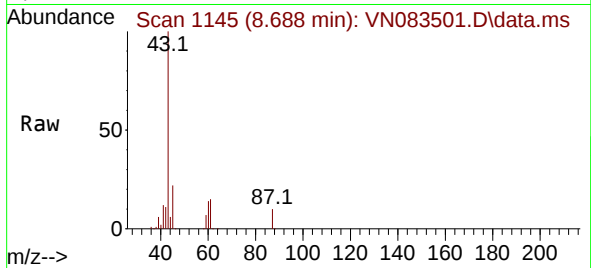




#43
Isopropyl Acetate
Concen: 46.958 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083501.D
Acq: 27 Aug 2024 11:52

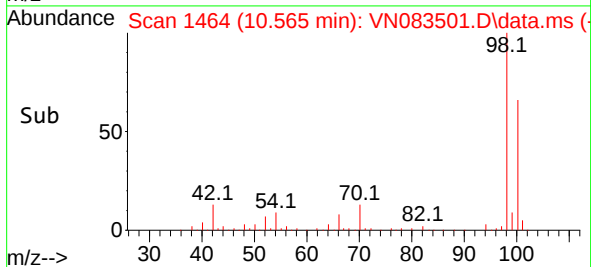
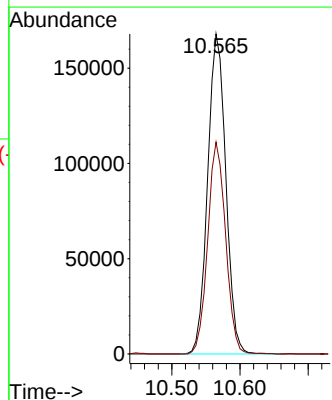
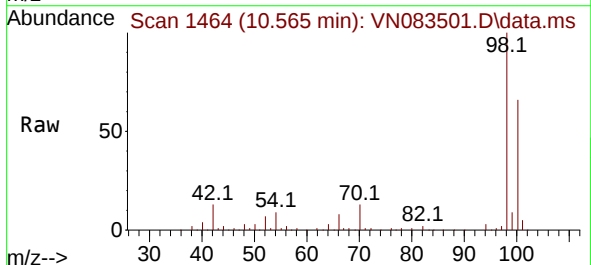
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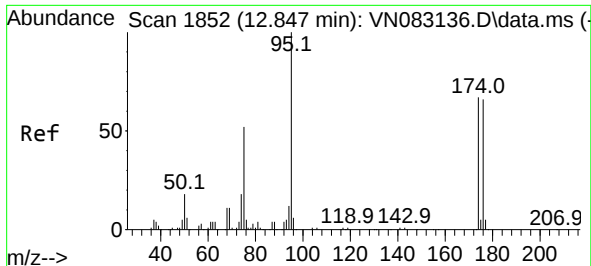
Tgt Ion: 43 Resp: 240377
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 48.112 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083501.D
Acq: 27 Aug 2024 11:52

Tgt Ion: 98 Resp: 311428
Ion Ratio Lower Upper
98 100
100 65.3 51.5 77.3

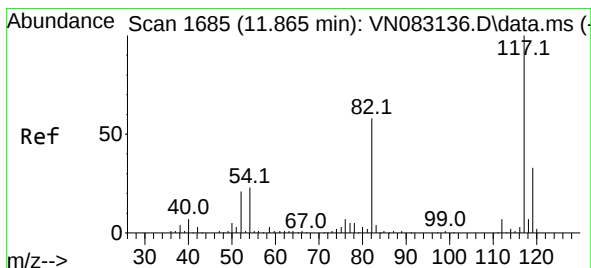
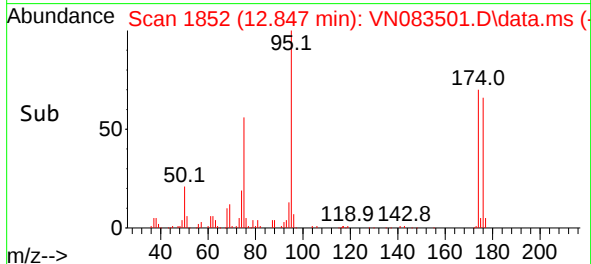
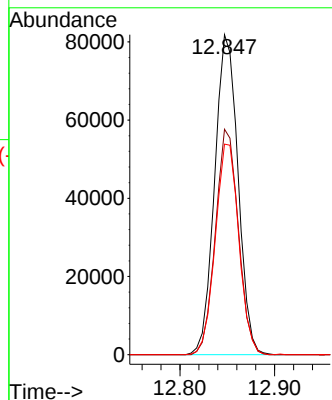
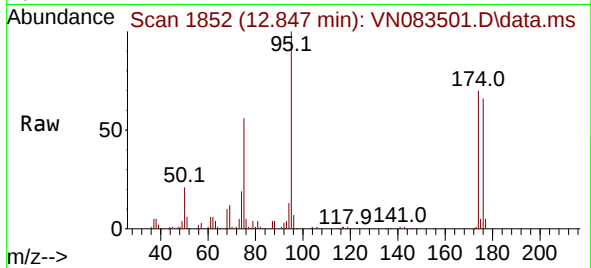




#62
4-Bromofluorobenzene
Concen: 55.615 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083501.D
Acq: 27 Aug 2024 11:52

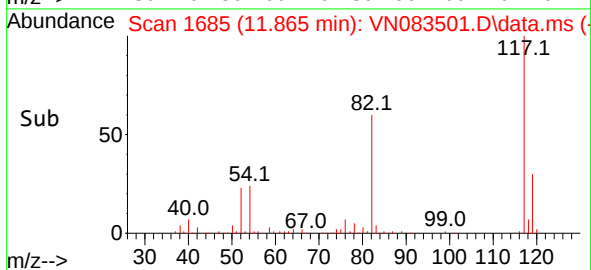
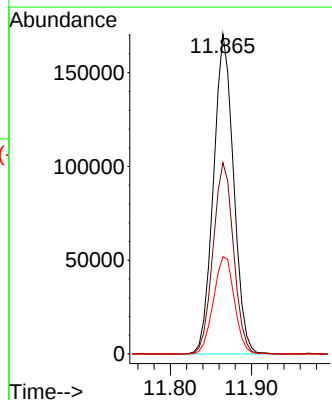
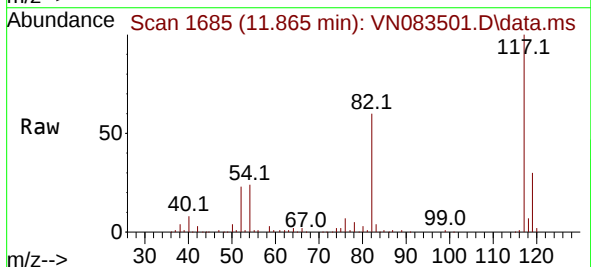
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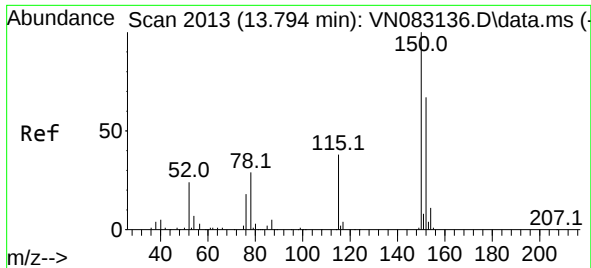
Tgt Ion: 95 Resp: 140346
Ion Ratio Lower Upper
95 100
174 69.2 0.0 159.2
176 66.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083501.D
Acq: 27 Aug 2024 11:52

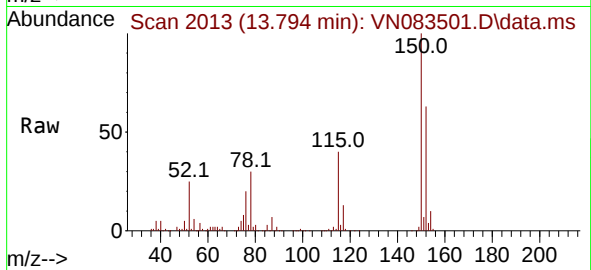
Tgt Ion: 117 Resp: 293362
Ion Ratio Lower Upper
117 100
82 59.8 47.5 71.3
119 30.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083501.D
 Acq: 27 Aug 2024 11:52

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162992TB



Tgt Ion:152 Resp: 137229

Ion	Ratio	Lower	Upper
152	100		
115	64.9	30.6	91.6
150	157.6	0.0	348.6

