

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081624\
 Data File : VN083356.D
 Acq On : 16 Aug 2024 16:03
 Operator : JC\MD
 Sample : PB162767TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162767TB

Quant Time: Aug 17 01:47:49 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)

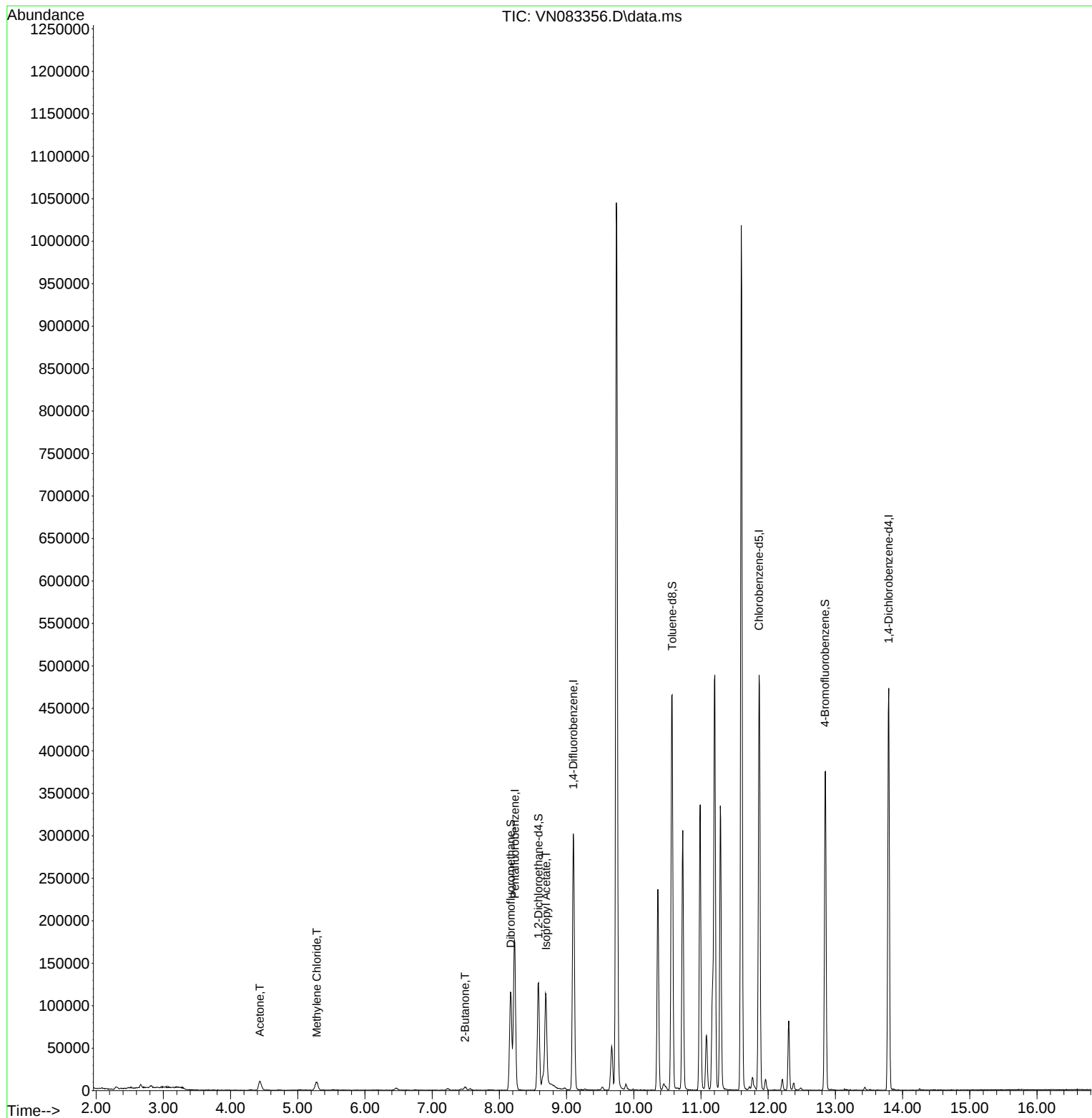
Internal Standards						
1) Pentafluorobenzene	8.230	168	123984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	249922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	106581	60.394	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 120.780%		
35) Dibromofluoromethane	8.171	113	84759	54.334	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 108.660%		
50) Toluene-d8	10.571	98	323305	55.560	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 111.120%		
62) 4-Bromofluorobenzene	12.847	95	137140	60.452	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 120.900%		
Target Compounds						Qvalue
16) Acetone	4.436	43	22097	31.999	ug/l	92
20) Methylene Chloride	5.283	84	7968	5.014	ug/l #	80
25) 2-Butanone	7.488	43	6942	6.547	ug/l	94
43) Isopropyl Acetate	8.694	43	148438	31.384	ug/l #	90

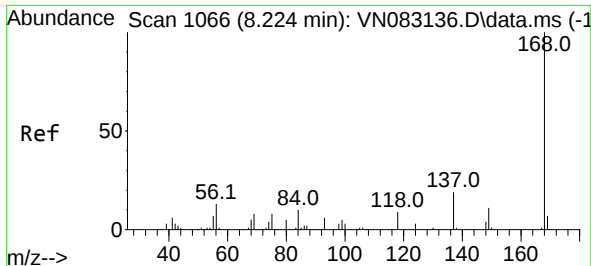
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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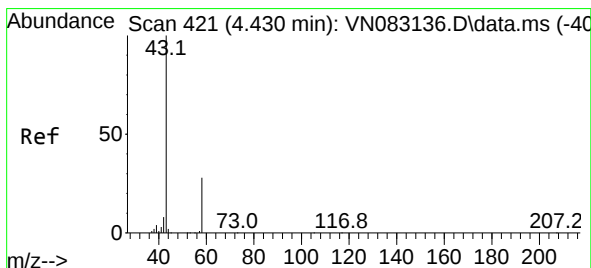
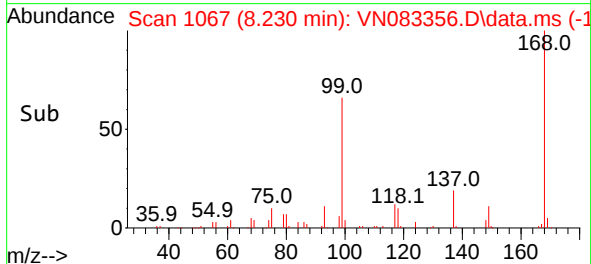
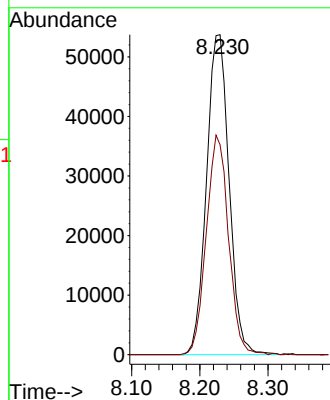
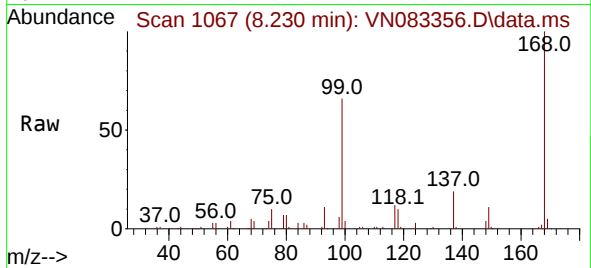




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN083356.D
Acq: 16 Aug 2024 16:03

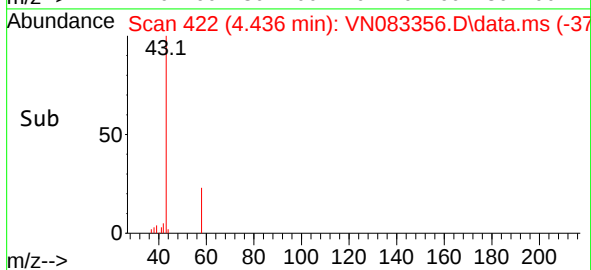
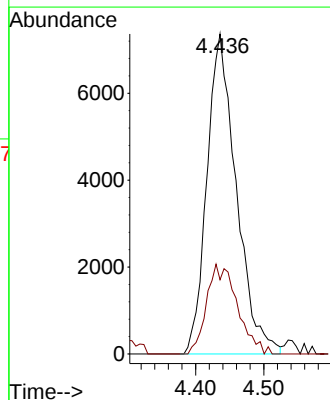
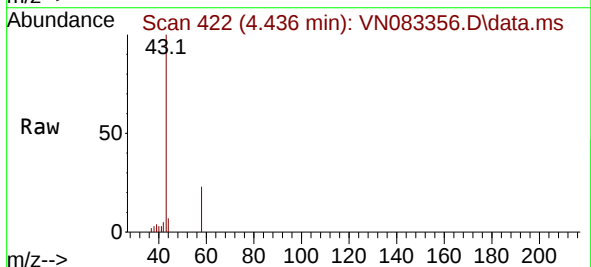
Instrument :
MSVOA_N
ClientSampleId :
PB162767TB

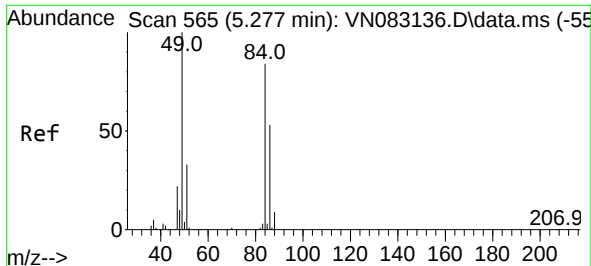
Tgt Ion:168 Resp: 123984
Ion Ratio Lower Upper
168 100
99 65.6 48.2 72.4



#16
Acetone
Concen: 31.999 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083356.D
Acq: 16 Aug 2024 16:03

Tgt Ion: 43 Resp: 22097
Ion Ratio Lower Upper
43 100
58 23.2 21.8 32.6

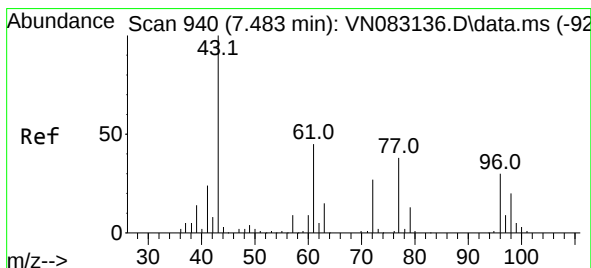
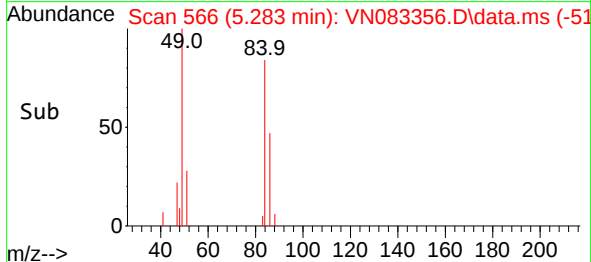
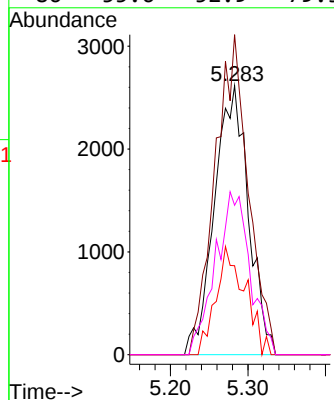
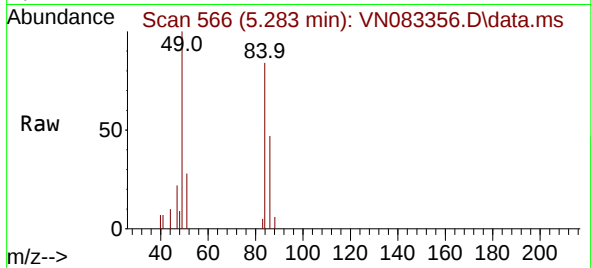




#20
Methylene Chloride
Concen: 5.014 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083356.D
Acq: 16 Aug 2024 16:03

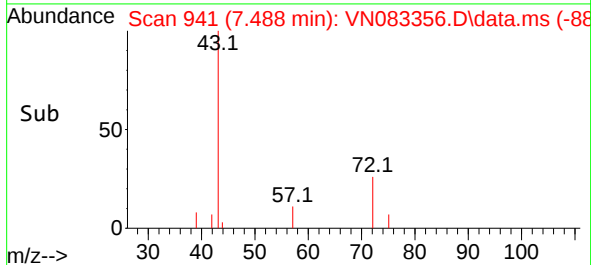
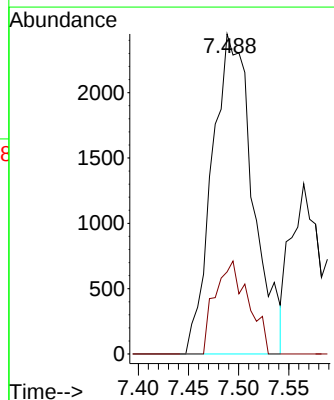
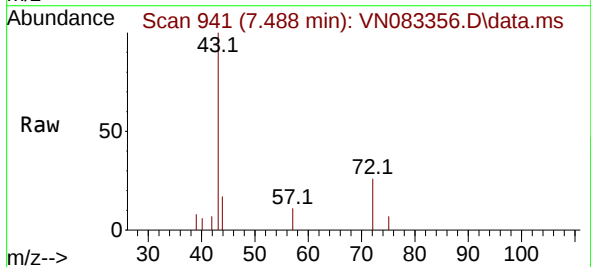
Instrument :
MSVOA_N
ClientSampleId :
PB162767TB

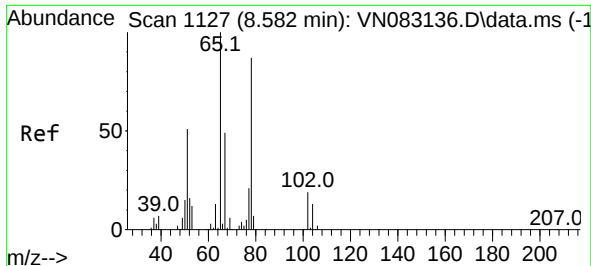
Tgt Ion:	84	Resp:	7968
Ion	Ratio	Lower	Upper
84	100		
49	119.0	119.6	179.4#
51	33.1	34.8	52.2#
86	55.6	52.9	79.3



#25
2-Butanone
Concen: 6.547 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083356.D
Acq: 16 Aug 2024 16:03

Tgt Ion:	43	Resp:	6942
Ion	Ratio	Lower	Upper
43	100		
72	25.7	18.2	27.2





#33

1,2-Dichloroethane-d4

Concen: 60.394 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN083356.D

Acq: 16 Aug 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :

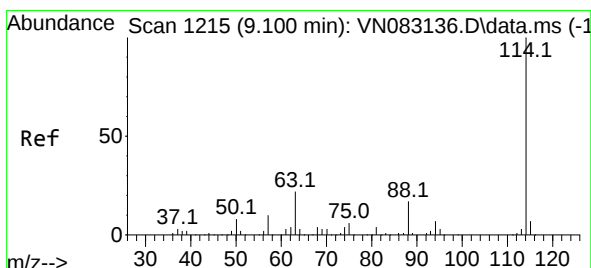
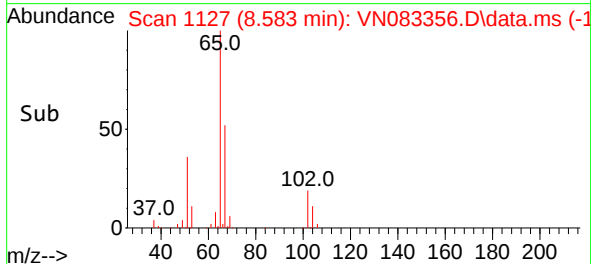
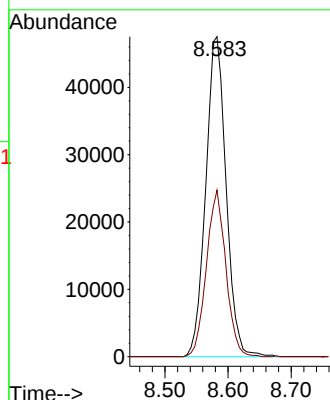
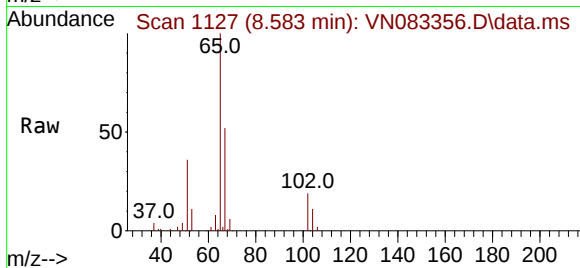
PB162767TB

Tgt Ion: 65 Resp: 106581

Ion Ratio Lower Upper

65 100

67 49.7 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: VN083356.D

Acq: 16 Aug 2024 16:03

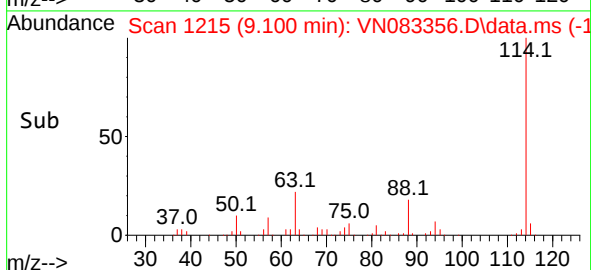
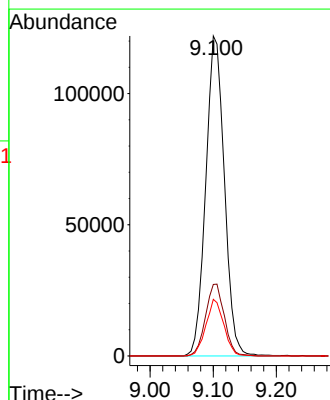
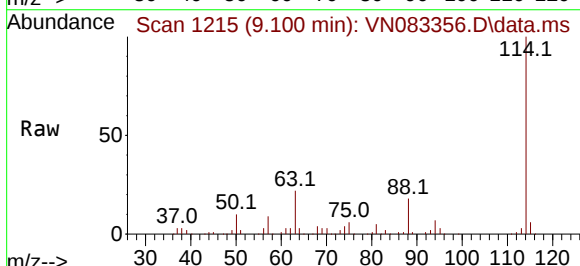
Tgt Ion: 114 Resp: 249922

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.6

88 17.7 0.0 31.4

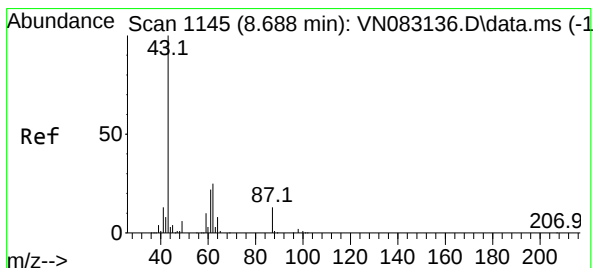
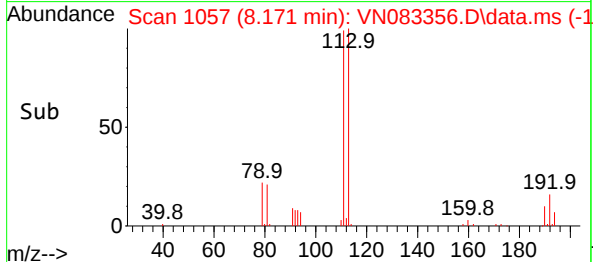
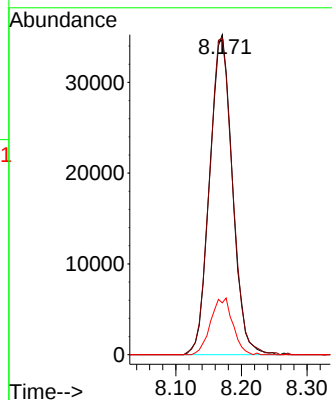
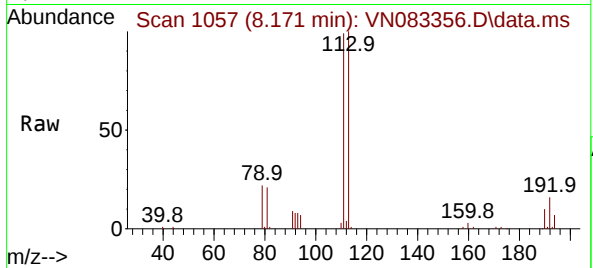




#35
Dibromofluoromethane
Concen: 54.334 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN083356.D
Acq: 16 Aug 2024 16:03

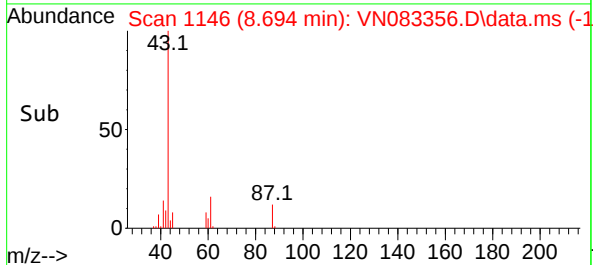
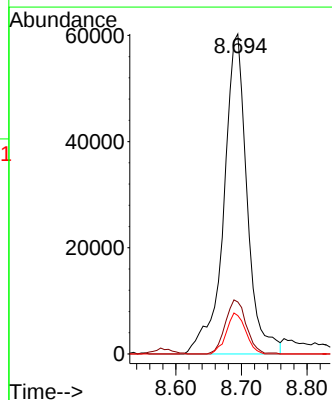
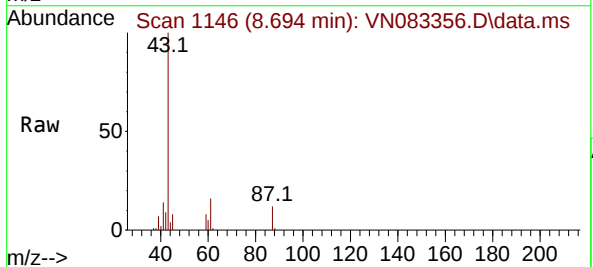
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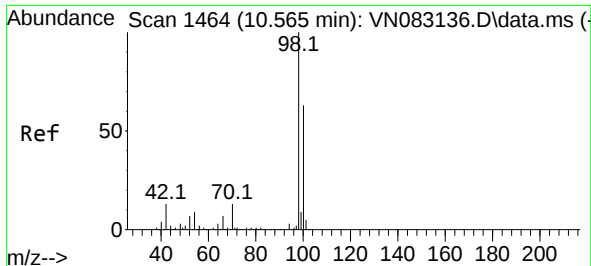
Tgt Ion:113 Resp: 84759
Ion Ratio Lower Upper
113 100
111 100.5 82.4 123.6
192 17.3 14.9 22.3



#43
Isopropyl Acetate
Concen: 31.384 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN083356.D
Acq: 16 Aug 2024 16:03

Tgt Ion: 43 Resp: 148438
Ion Ratio Lower Upper
43 100
61 15.3 17.8 26.6#
87 10.6 8.2 12.2

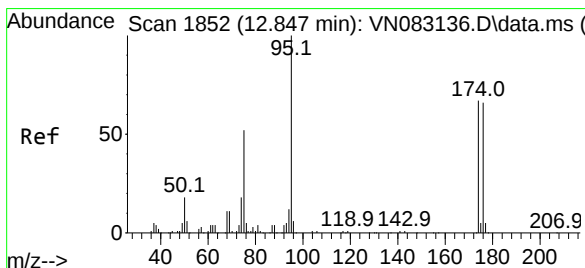
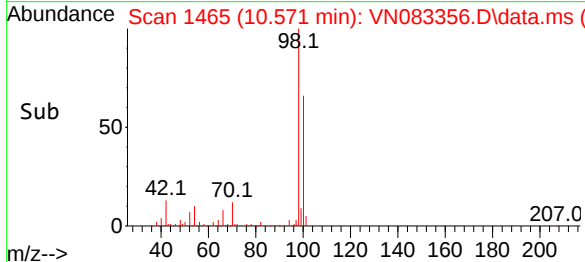
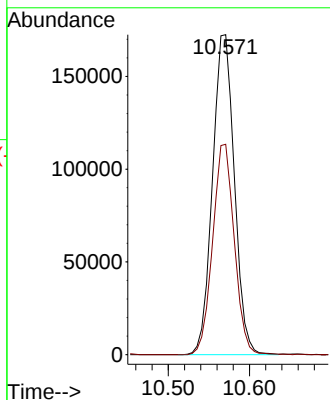
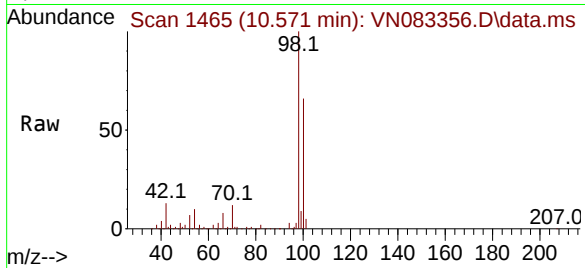




#50
Toluene-d8
Concen: 55.560 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083356.D
Acq: 16 Aug 2024 16:03

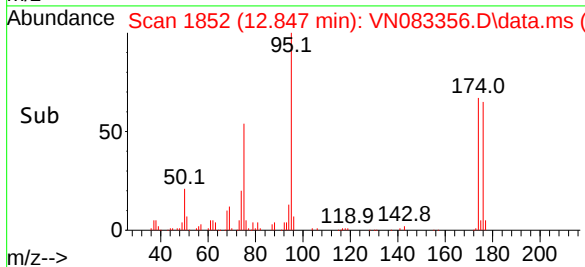
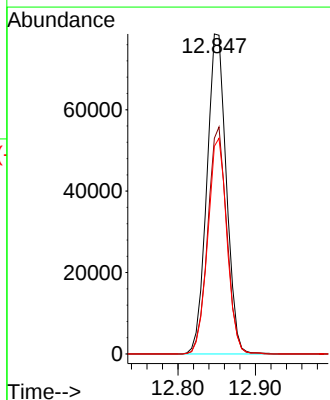
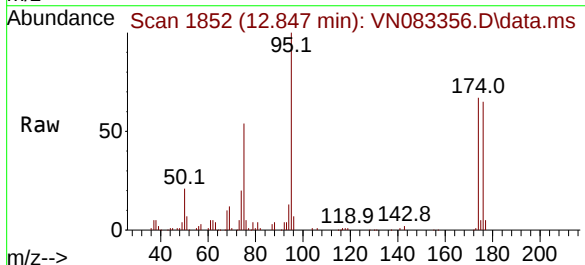
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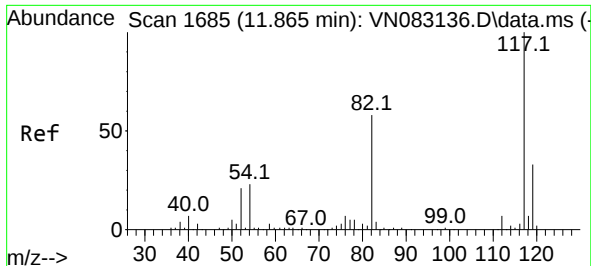
Tgt Ion: 98 Resp: 323305
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 60.452 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083356.D
Acq: 16 Aug 2024 16:03

Tgt Ion: 95 Resp: 137140
Ion Ratio Lower Upper
95 100
174 69.4 0.0 159.2
176 66.4 0.0 147.6

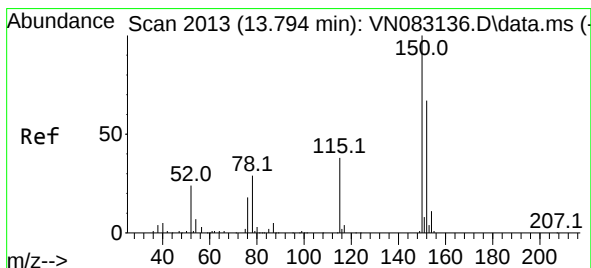
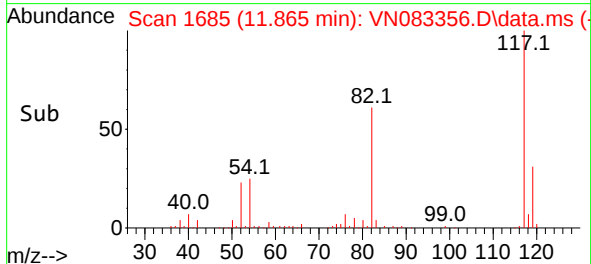
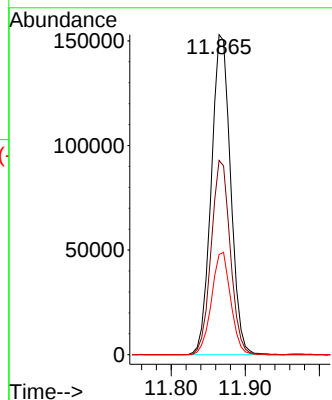
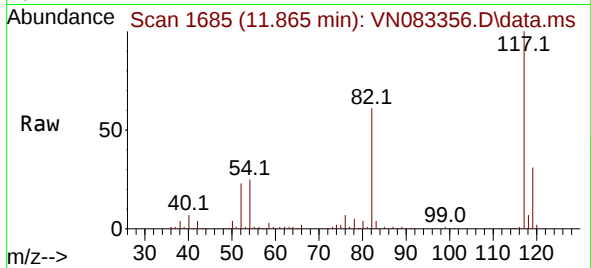




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083356.D
Acq: 16 Aug 2024 16:03

Instrument :
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Tgt Ion:117 Resp: 276804
Ion Ratio Lower Upper
117 100
82 60.7 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# 2013
Delta R.T. 0.000 min
Lab File: VN083356.D
Acq: 16 Aug 2024 16:03

Tgt Ion:152 Resp: 123678
Ion Ratio Lower Upper
152 100
115 65.3 30.6 91.6
150 156.1 0.0 348.6

