

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081224\
 Data File : VN083236.D
 Acq On : 12 Aug 2024 14:35
 Operator : JC\MD
 Sample : PB162664ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162664ZHE#03

Quant Time: Aug 13 04:19:11 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)

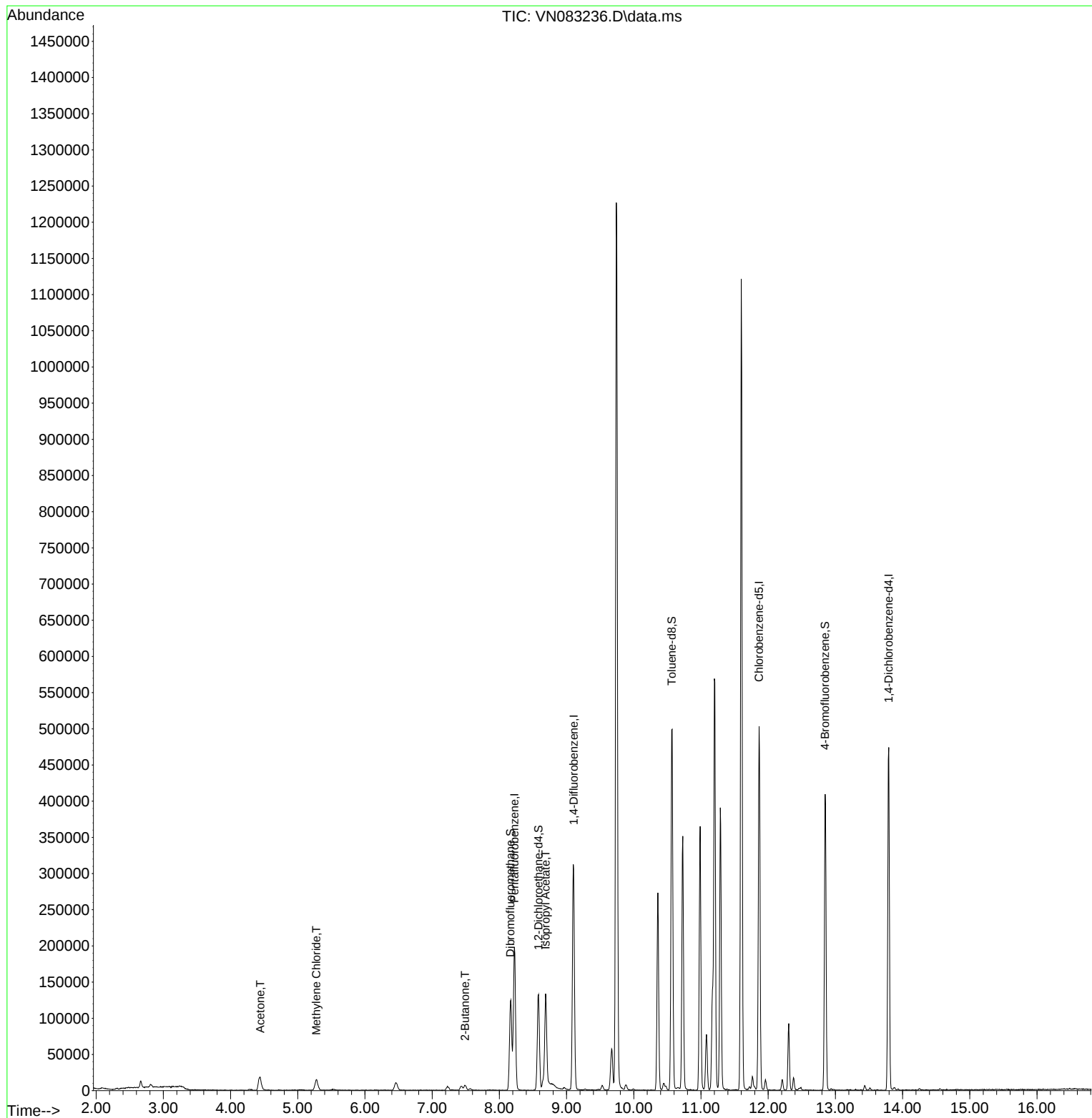
Internal Standards						
1) Pentafluorobenzene	8.224	168	138216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	264296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	277683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115677	58.798	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	117.600%	
35) Dibromofluoromethane	8.165	113	91046	55.190	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	110.380%	
50) Toluene-d8	10.565	98	351359	57.097	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	114.200%#	
62) 4-Bromofluorobenzene	12.847	95	148110	61.737	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	123.480%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	38395	49.875	ug/l	99
20) Methylene Chloride	5.277	84	11165	6.302	ug/l	85
25) 2-Butanone	7.488	43	12133	10.265	ug/l	97
43) Isopropyl Acetate	8.688	43	167925	33.744	ug/l #	91

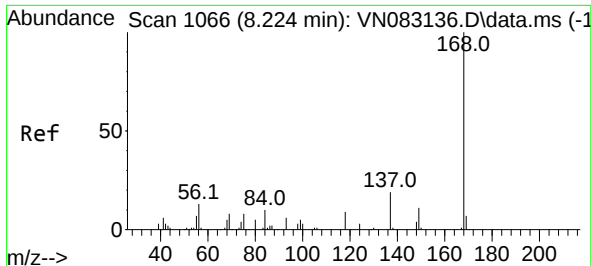
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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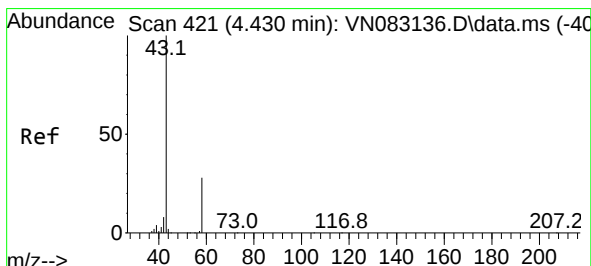
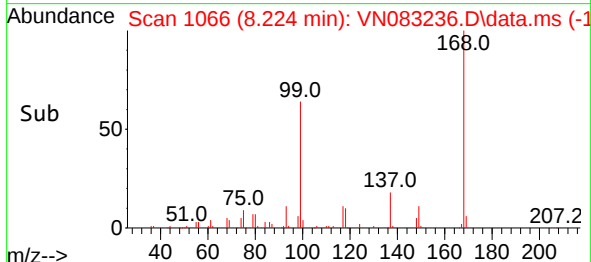
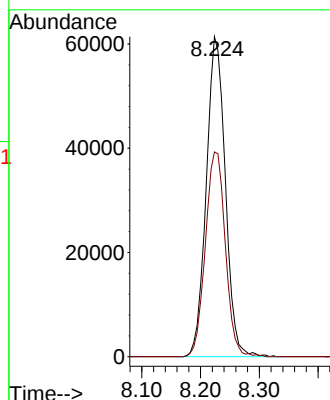
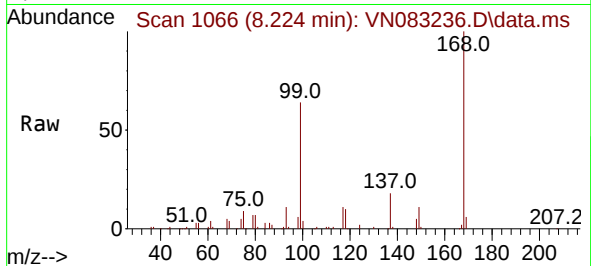




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083236.D
Acq: 12 Aug 2024 14:35

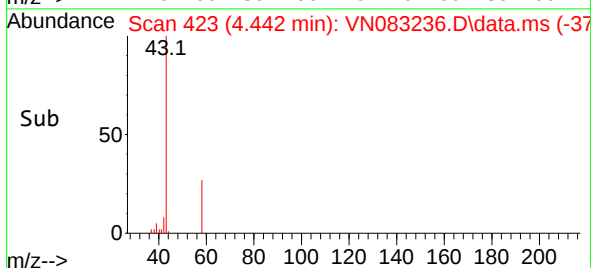
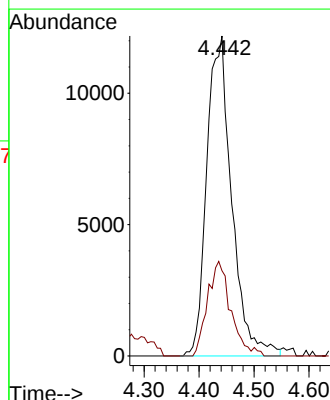
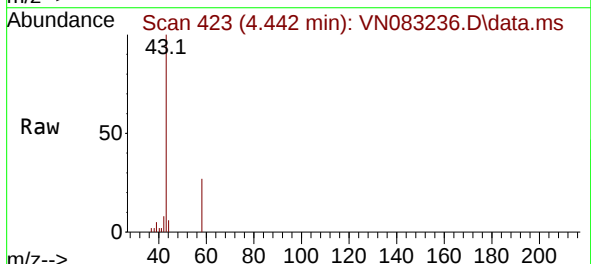
Instrument :
MSVOA_N
ClientSampleId :
PB162664ZHE#03

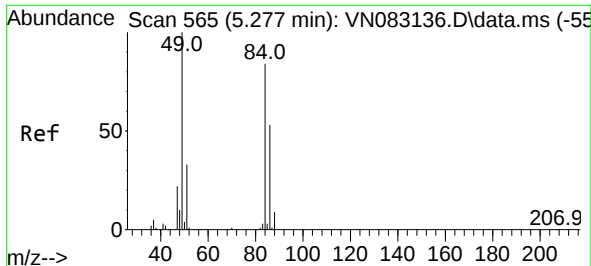
Tgt Ion:168 Resp: 138216
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.4



#16
Acetone
Concen: 49.875 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083236.D
Acq: 12 Aug 2024 14:35

Tgt Ion: 43 Resp: 38395
Ion Ratio Lower Upper
43 100
58 26.7 21.8 32.6

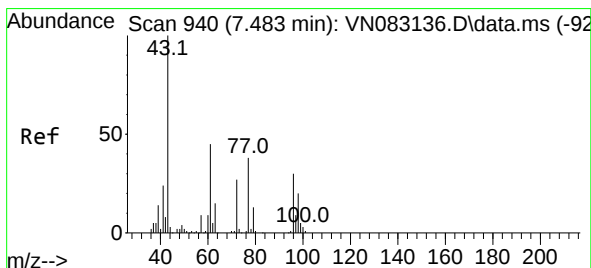
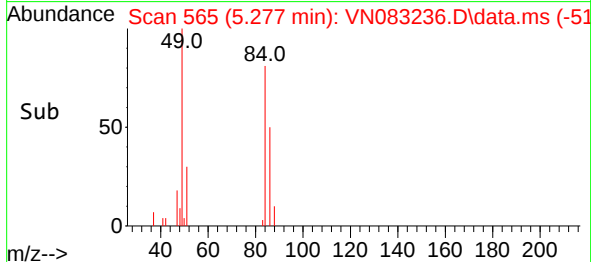
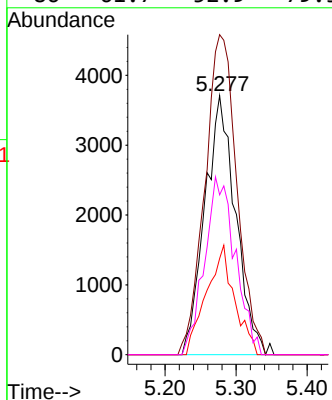
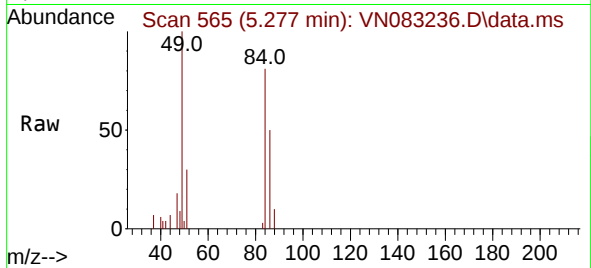




#20
Methylene Chloride
Concen: 6.302 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083236.D
Acq: 12 Aug 2024 14:35

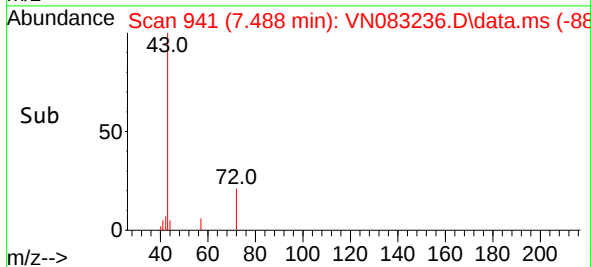
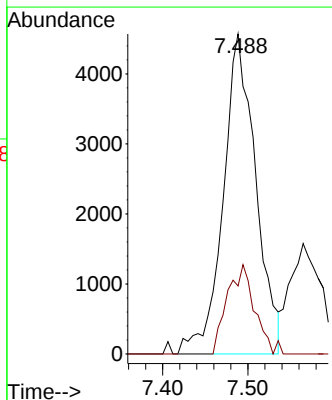
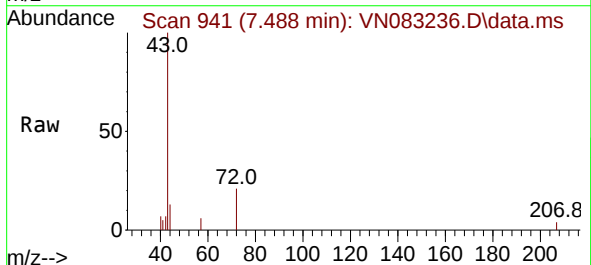
Instrument :
MSVOA_N
ClientSampleId :
PB162664ZHE#03

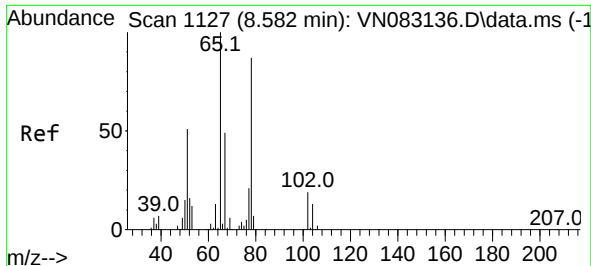
Tgt Ion:	84	Resp:	11165
Ion	Ratio	Lower	Upper
84	100		
49	123.5	119.6	179.4
51	37.1	34.8	52.2
86	61.7	52.9	79.3



#25
2-Butanone
Concen: 10.265 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083236.D
Acq: 12 Aug 2024 14:35

Tgt Ion:	43	Resp:	12133
Ion	Ratio	Lower	Upper
43	100		
72	21.3	18.2	27.2





#33

1,2-Dichloroethane-d4

Concen: 58.798 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN083236.D

Acq: 12 Aug 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

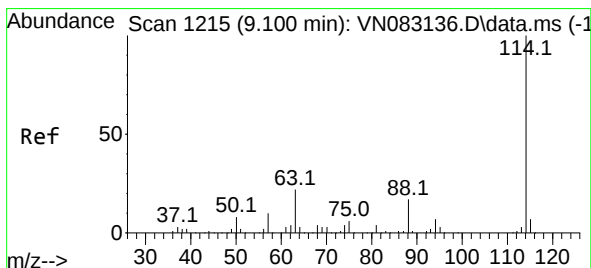
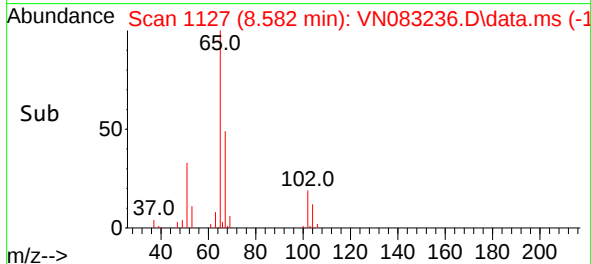
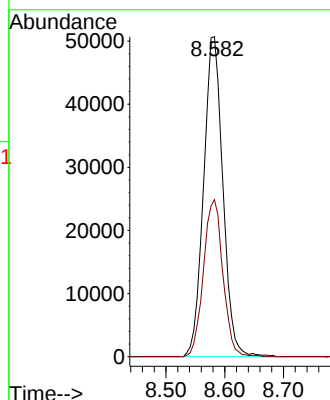
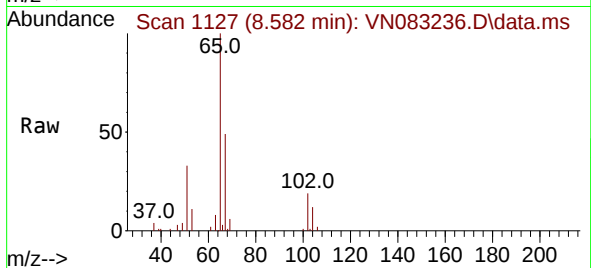
PB162664ZHE#03

Tgt Ion: 65 Resp: 115677

Ion Ratio Lower Upper

65 100

67 49.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN083236.D

Acq: 12 Aug 2024 14:35

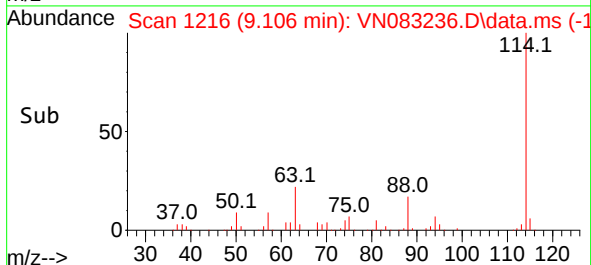
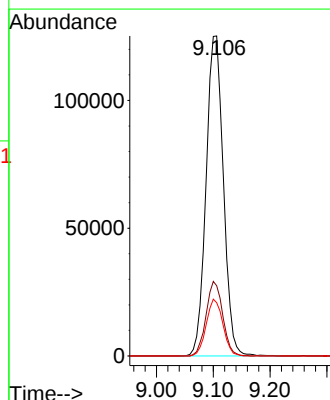
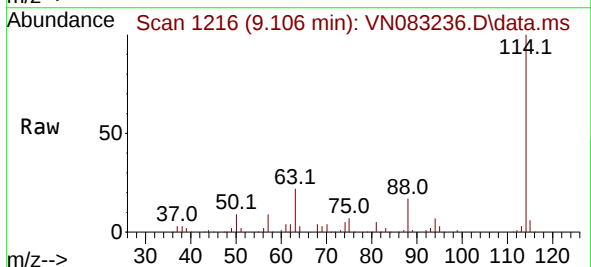
Tgt Ion: 114 Resp: 264296

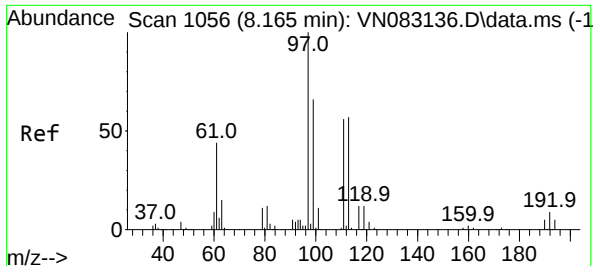
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.6

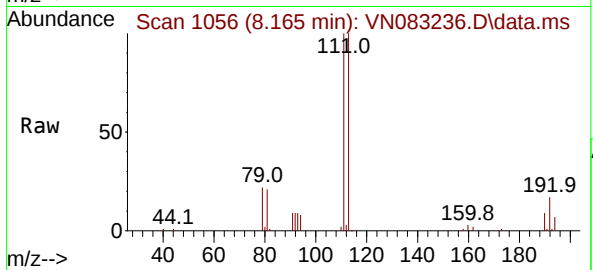
88 16.7 0.0 31.4



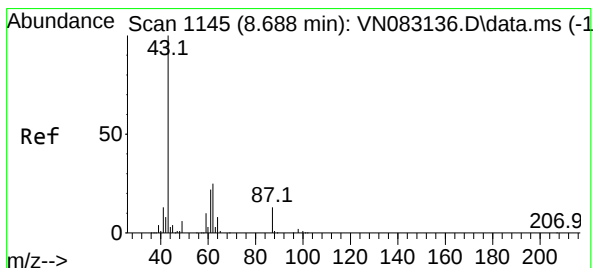
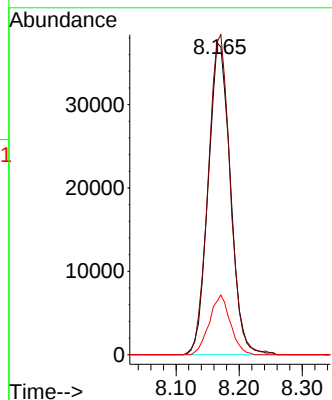
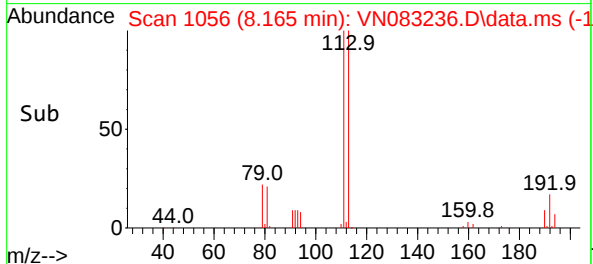


#35
Dibromofluoromethane
Concen: 55.190 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083236.D
Acq: 12 Aug 2024 14:35

Instrument :
MSVOA_N
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PB162664ZHE#03

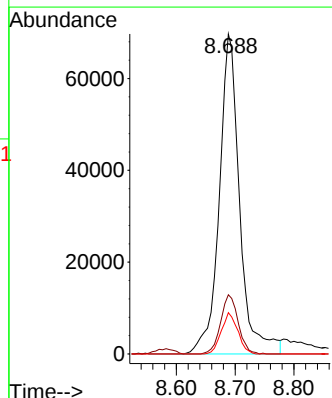
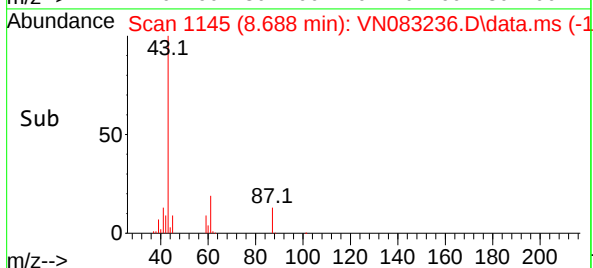
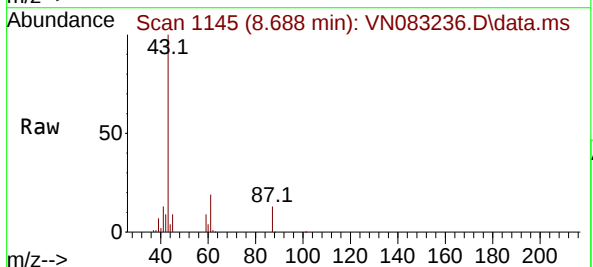


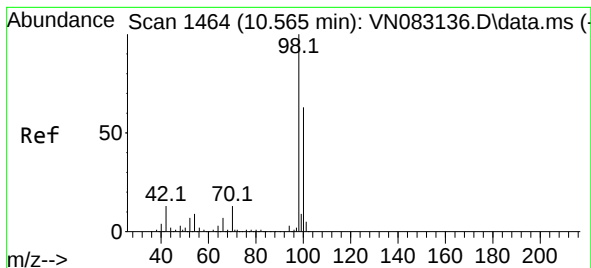
Tgt Ion:113 Resp: 91046
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 18.2 14.9 22.3



#43
Isopropyl Acetate
Concen: 33.744 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083236.D
Acq: 12 Aug 2024 14:35

Tgt Ion: 43 Resp: 167925
Ion Ratio Lower Upper
43 100
61 15.9 17.8 26.6#
87 10.4 8.2 12.2

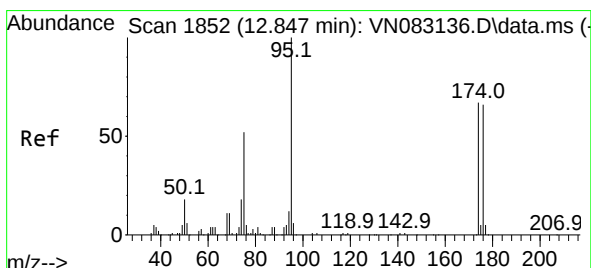
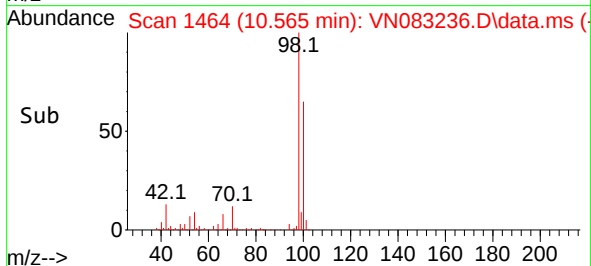
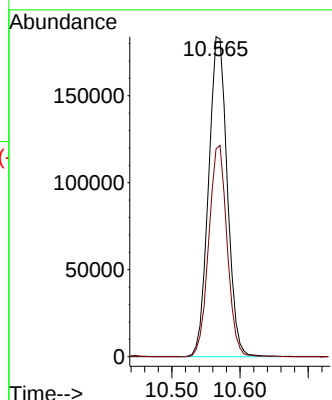
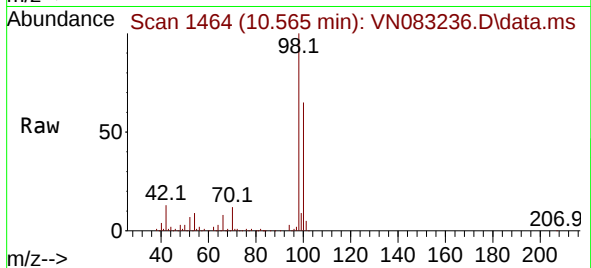




#50
Toluene-d8
Concen: 57.097 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083236.D
Acq: 12 Aug 2024 14:35

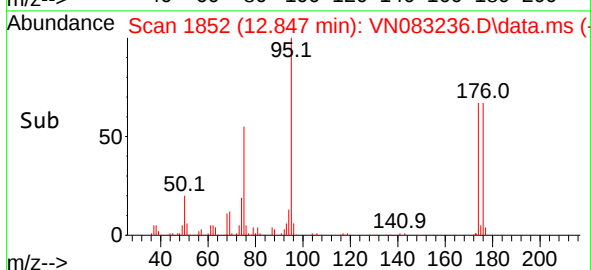
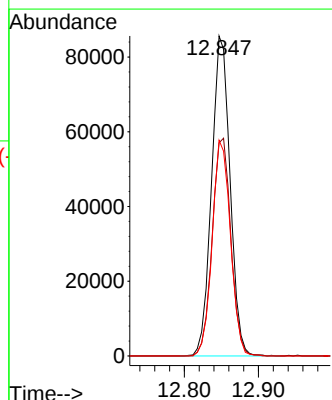
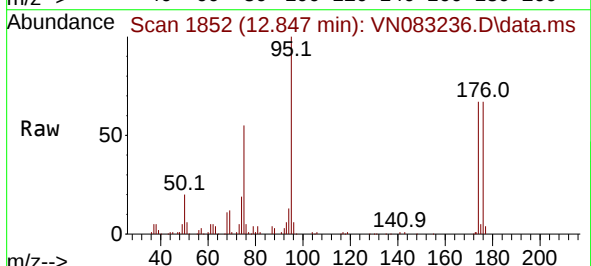
Instrument :
MSVOA_N
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PB162664ZHE#03

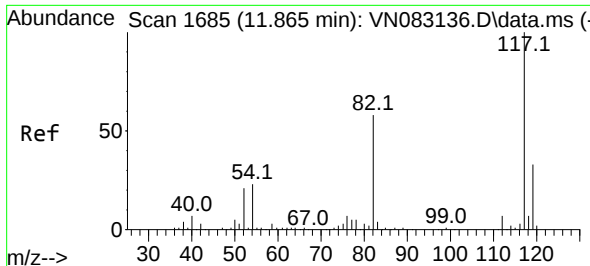
Tgt Ion: 98 Resp: 351359
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 61.737 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083236.D
Acq: 12 Aug 2024 14:35

Tgt Ion: 95 Resp: 148110
Ion Ratio Lower Upper
95 100
174 68.9 0.0 159.2
176 66.6 0.0 147.6

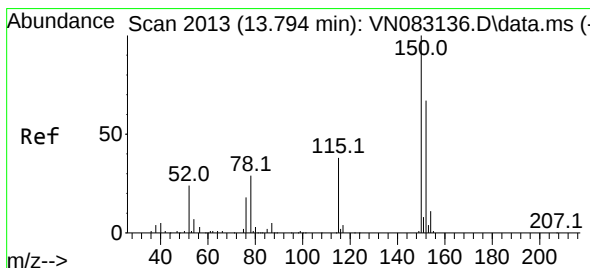
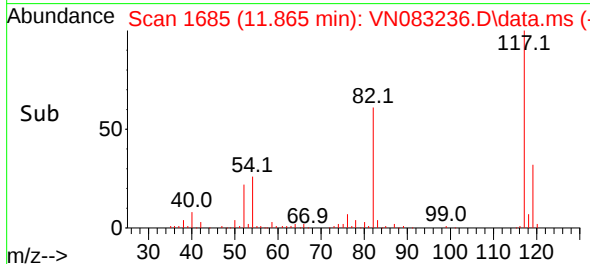
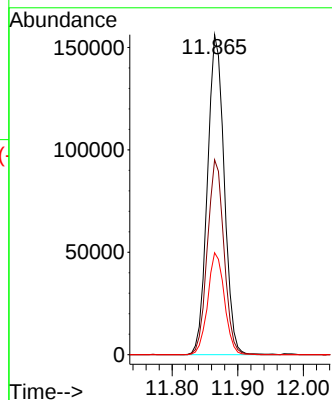
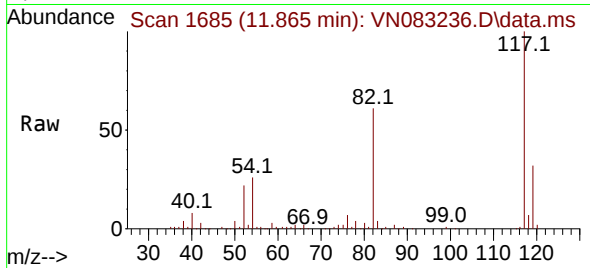




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083236.D
Acq: 12 Aug 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :
PB162664ZHE#03

Tgt Ion:117 Resp: 277683
Ion Ratio Lower Upper
117 100
82 60.9 47.5 71.3
119 31.9 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: VN083236.D
Acq: 12 Aug 2024 14:35

Tgt Ion:152 Resp: 122958
Ion Ratio Lower Upper
152 100
115 64.4 30.6 91.6
150 158.9 0.0 348.6

