

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081224\
 Data File : VN083237.D
 Acq On : 12 Aug 2024 14:59
 Operator : JC\MD
 Sample : PB162664ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162664ZHE#04

Quant Time: Aug 13 04:19:50 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)

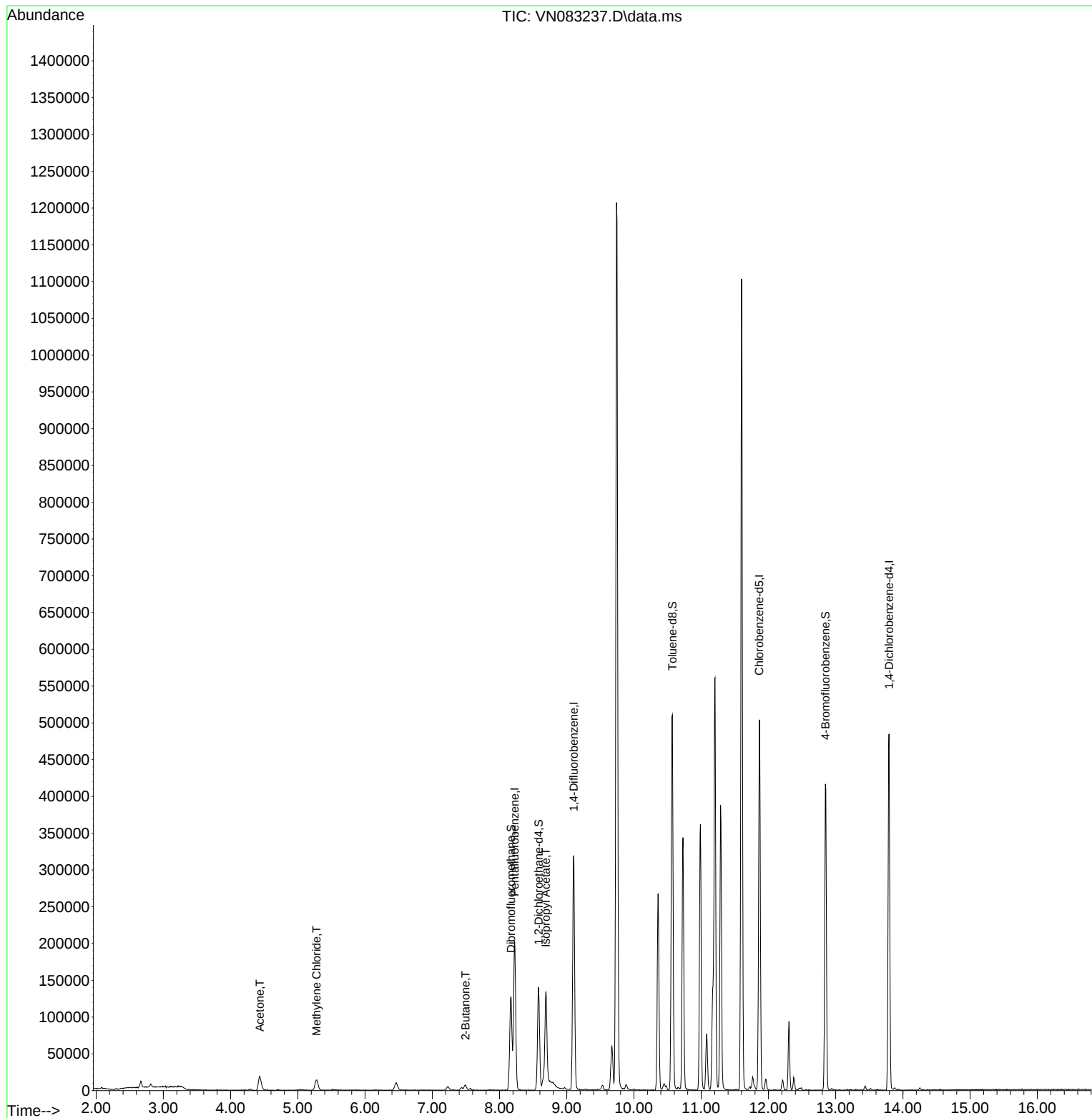
Internal Standards						
1) Pentafluorobenzene	8.224	168	140588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	269660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119150	59.542	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.080%
35) Dibromofluoromethane	8.171	113	94349	56.055	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.100%
50) Toluene-d8	10.571	98	358771	57.142	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	114.280%#
62) 4-Bromofluorobenzene	12.847	95	150532	61.498	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	123.000%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	38043	48.584	ug/l	98
20) Methylene Chloride	5.277	84	11327	6.285	ug/l	89
25) 2-Butanone	7.494	43	12411	10.323	ug/l	99
43) Isopropyl Acetate	8.688	43	175749	34.679	ug/l #	90

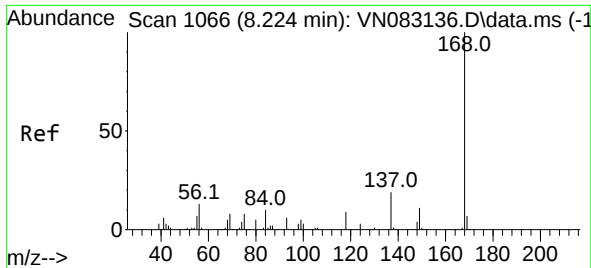
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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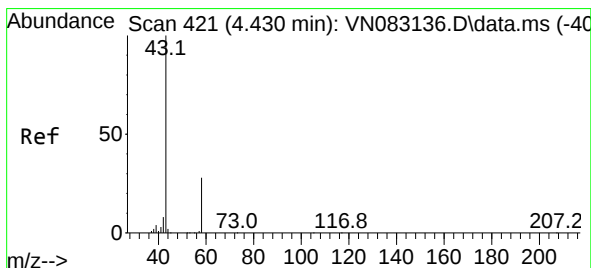
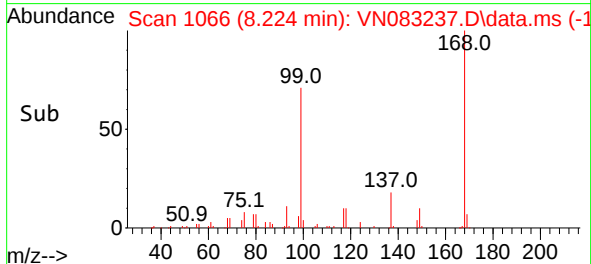
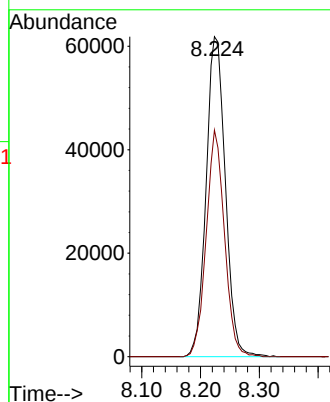
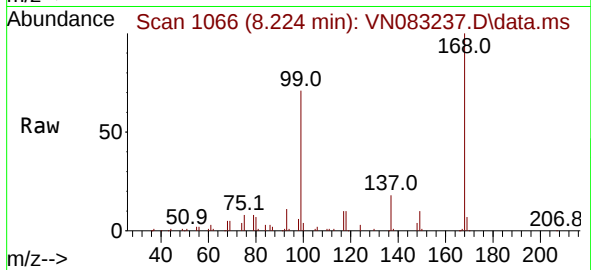




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083237.D
Acq: 12 Aug 2024 14:59

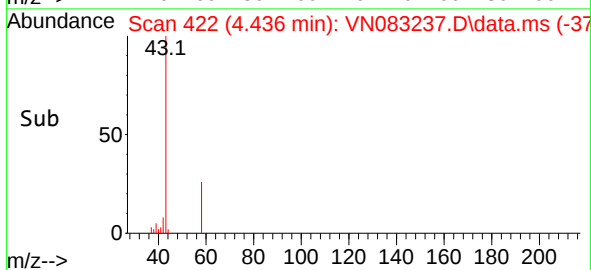
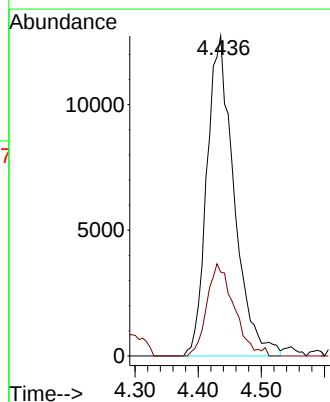
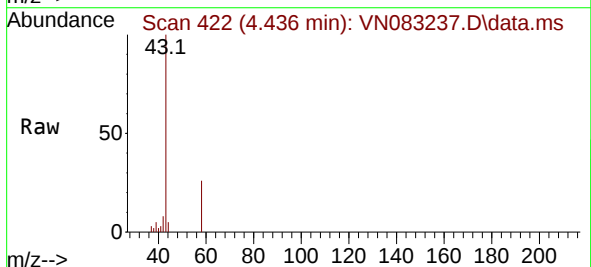
Instrument :
MSVOA_N
ClientSampleId :
PB162664ZHE#04

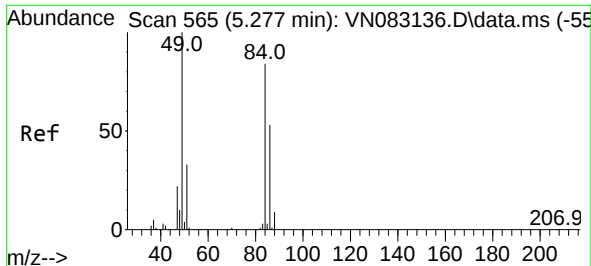
Tgt Ion:168 Resp: 140588
Ion Ratio Lower Upper
168 100
99 70.8 48.2 72.4



#16
Acetone
Concen: 48.584 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083237.D
Acq: 12 Aug 2024 14:59

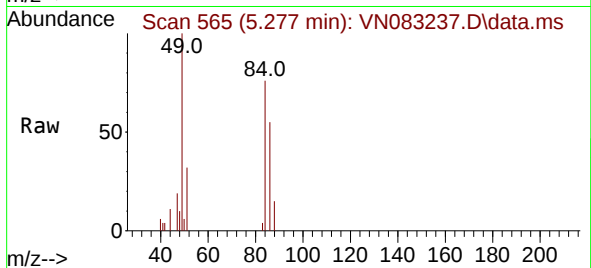
Tgt Ion: 43 Resp: 38043
Ion Ratio Lower Upper
43 100
58 26.2 21.8 32.6



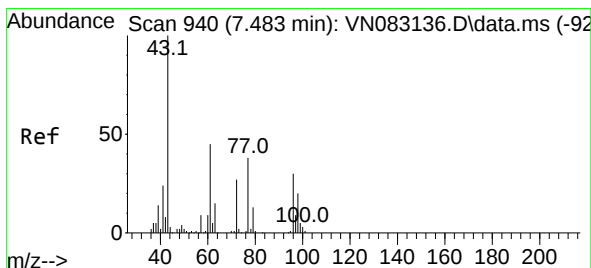
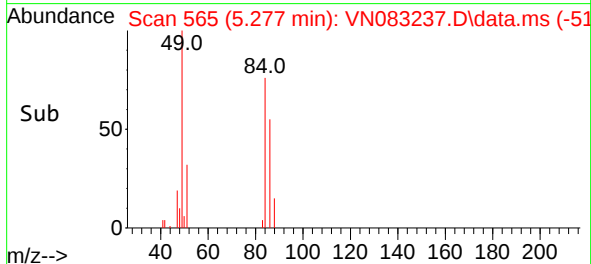
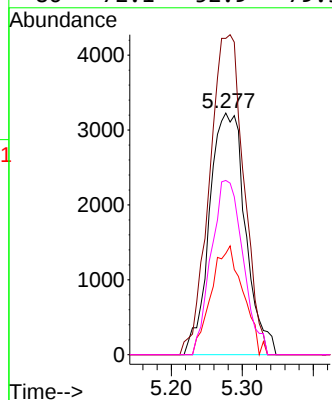


#20
Methylene Chloride
Concen: 6.285 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN083237.D
Acq: 12 Aug 2024 14:59

Instrument :
MSVOA_N
ClientSampleId :
PB162664ZHE#04

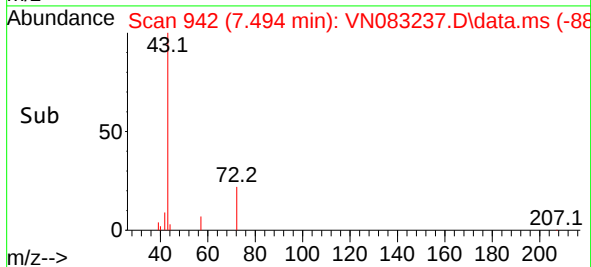
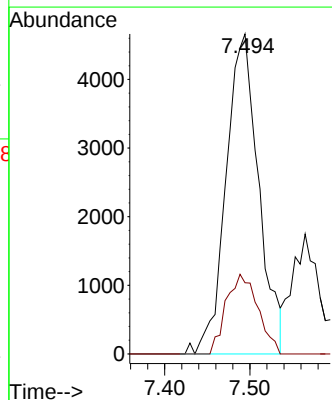
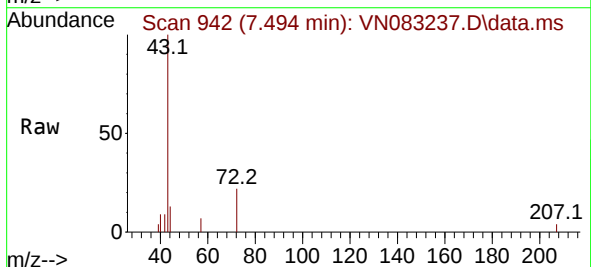


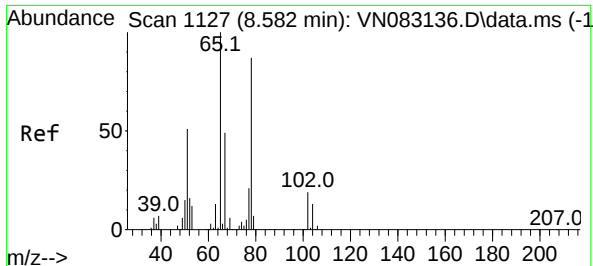
Tgt Ion:	84	Resp:	11327
Ion	Ratio	Lower	Upper
84	100		
49	131.0	119.6	179.4
51	41.9	34.8	52.2
86	72.1	52.9	79.3



#25
2-Butanone
Concen: 10.323 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN083237.D
Acq: 12 Aug 2024 14:59

Tgt Ion:	43	Resp:	12411
Ion	Ratio	Lower	Upper
43	100		
72	22.2	18.2	27.2

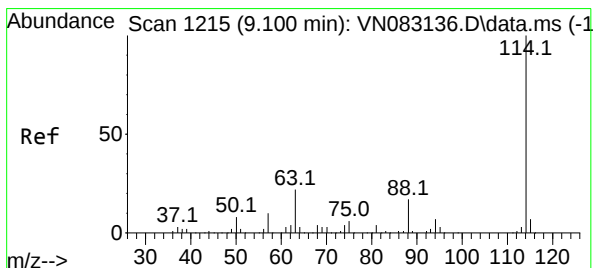
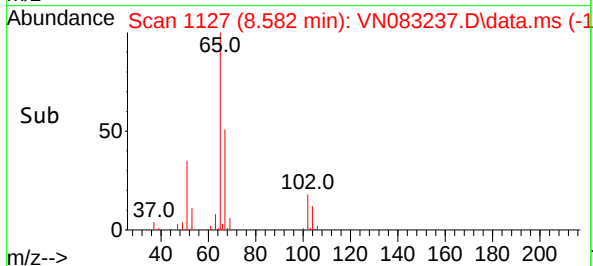
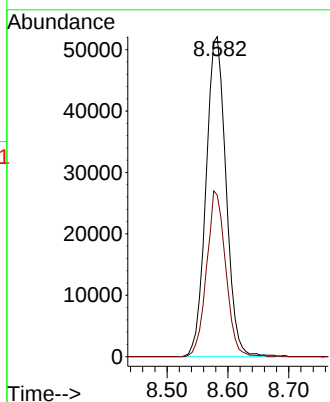
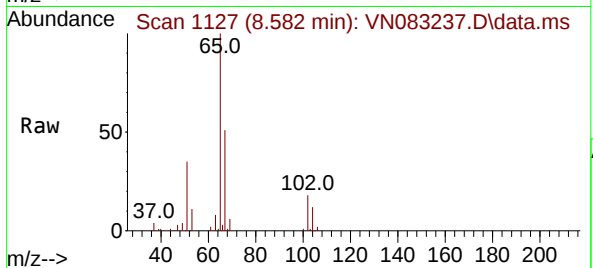




#33
 1,2-Dichloroethane-d4
 Concen: 59.542 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN083237.D
 Acq: 12 Aug 2024 14:59

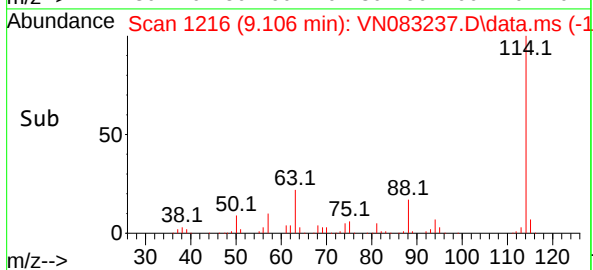
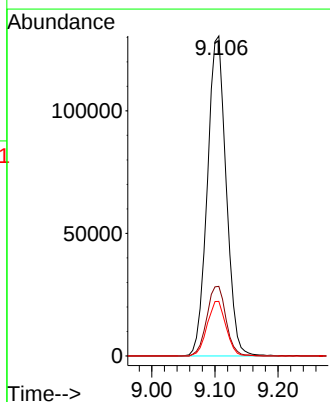
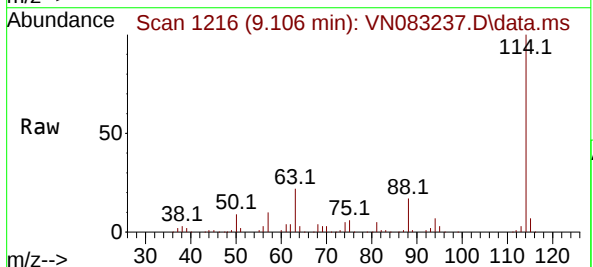
Instrument :
 MSVOA_N
 ClientSampleId :
 PB162664ZHE#04

Tgt Ion: 65 Resp: 119150
 Ion Ratio Lower Upper
 65 100
 67 49.3 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: VN083237.D
 Acq: 12 Aug 2024 14:59

Tgt Ion: 114 Resp: 269660
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.6
 88 17.1 0.0 31.4

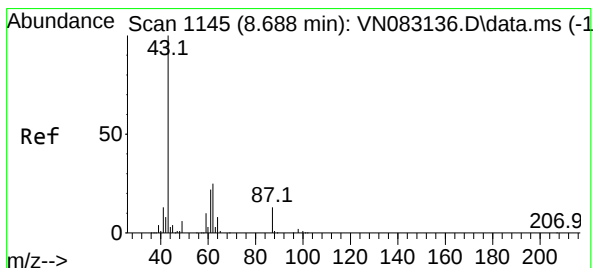
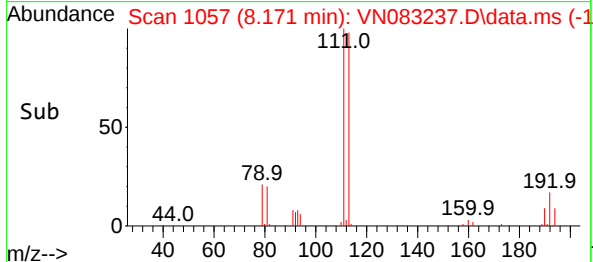
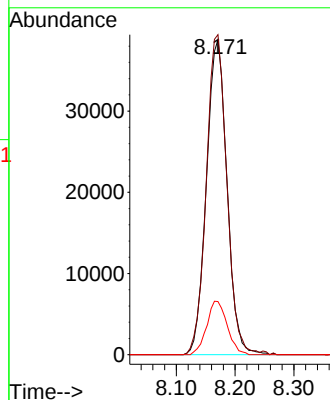
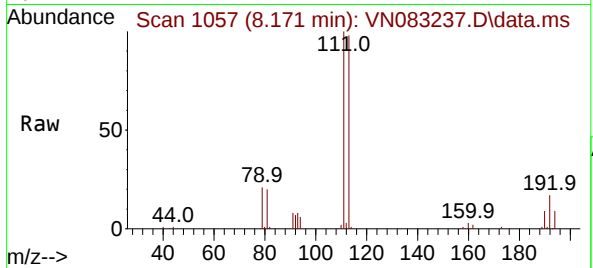




#35
Dibromofluoromethane
Concen: 56.055 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083237.D
Acq: 12 Aug 2024 14:59

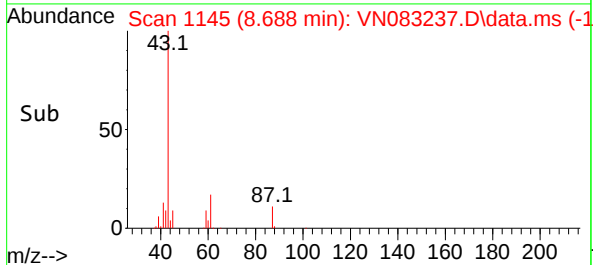
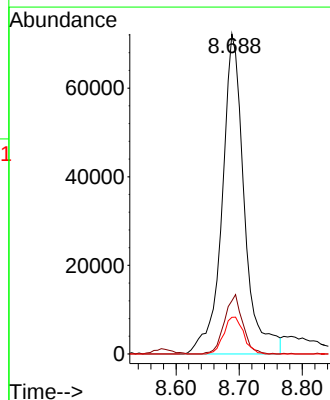
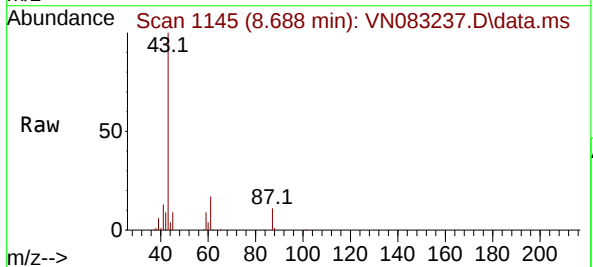
Instrument :
MSVOA_N
ClientSampleId :
PB162664ZHE#04

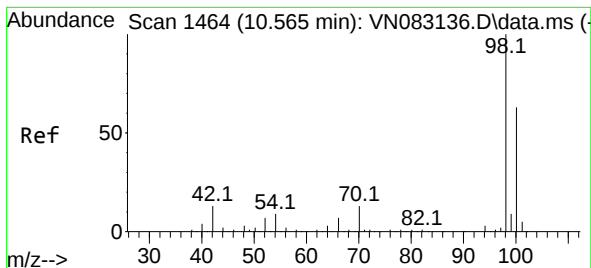
Tgt Ion:113 Resp: 94349
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 16.9 14.9 22.3



#43
Isopropyl Acetate
Concen: 34.679 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083237.D
Acq: 12 Aug 2024 14:59

Tgt Ion: 43 Resp: 175749
Ion Ratio Lower Upper
43 100
61 15.3 17.8 26.6#
87 10.3 8.2 12.2





#50

Toluene-d8

Concen: 57.142 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN083237.D

Acq: 12 Aug 2024 14:59

Instrument :

MSVOA_N

ClientSampleId :

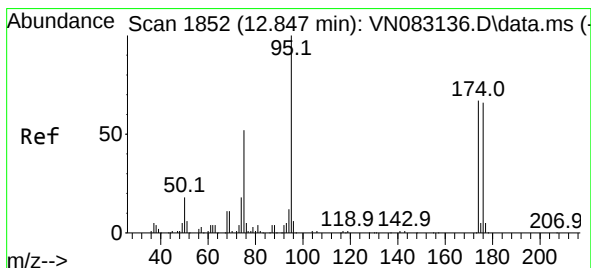
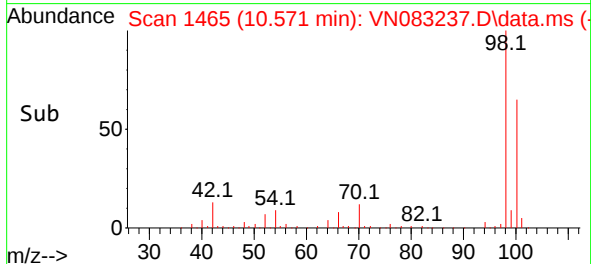
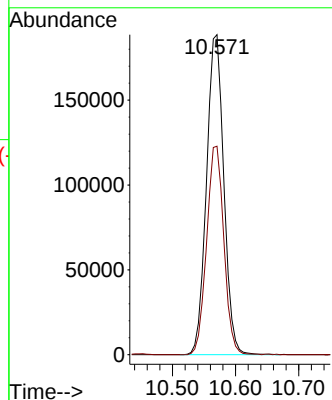
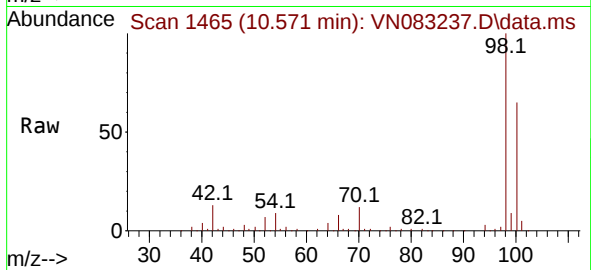
PB162664ZHE#04

Tgt Ion: 98 Resp: 358771

Ion Ratio Lower Upper

98 100

100 64.8 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 61.498 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083237.D

Acq: 12 Aug 2024 14:59

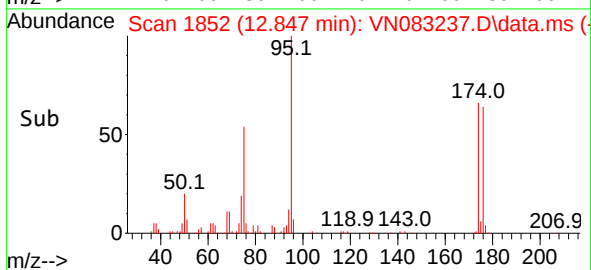
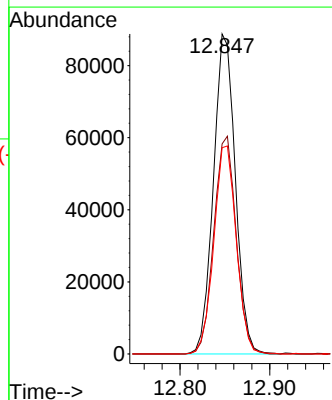
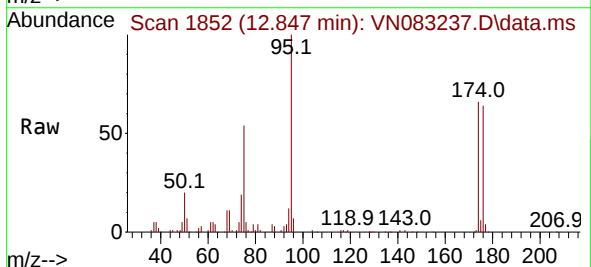
Tgt Ion: 95 Resp: 150532

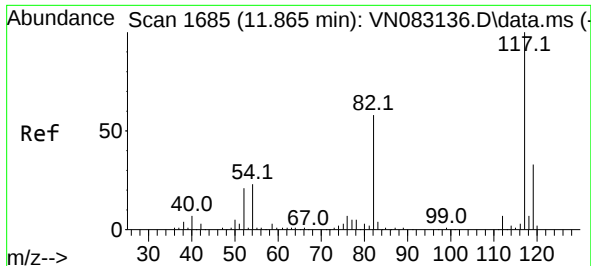
Ion Ratio Lower Upper

95 100

174 69.4 0.0 159.2

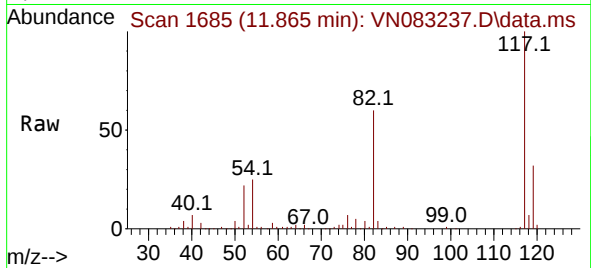
176 66.7 0.0 147.6



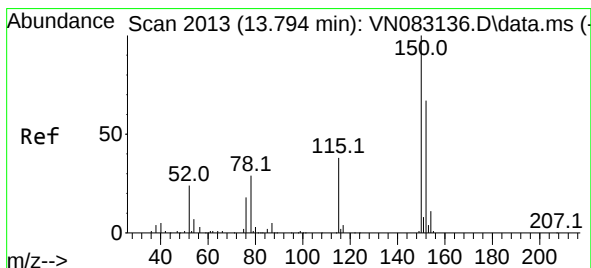
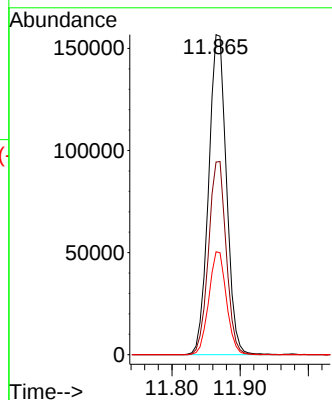
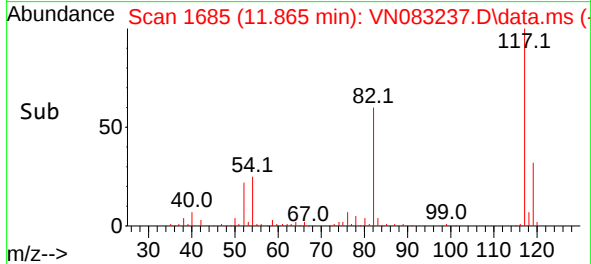


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083237.D
Acq: 12 Aug 2024 14:59

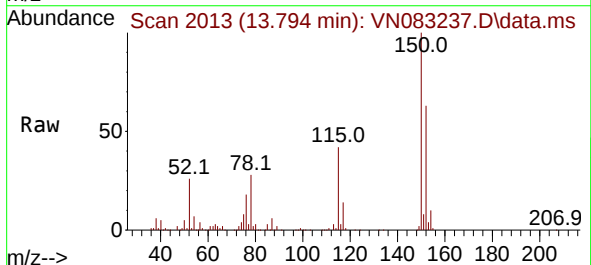
Instrument :
MSVOA_N
ClientSampleId :
PB162664ZHE#04



Tgt Ion:117 Resp: 285036
Ion Ratio Lower Upper
117 100
82 60.2 47.5 71.3
119 32.2 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: VN083237.D
Acq: 12 Aug 2024 14:59



Tgt Ion:152 Resp: 127436
Ion Ratio Lower Upper
152 100
115 64.6 30.6 91.6
150 157.4 0.0 348.6

