

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083270.D
 Acq On : 13 Aug 2024 20:10
 Operator : JC\MD
 Sample : PB162587TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162587TB

Quant Time: Aug 14 01:50:12 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)

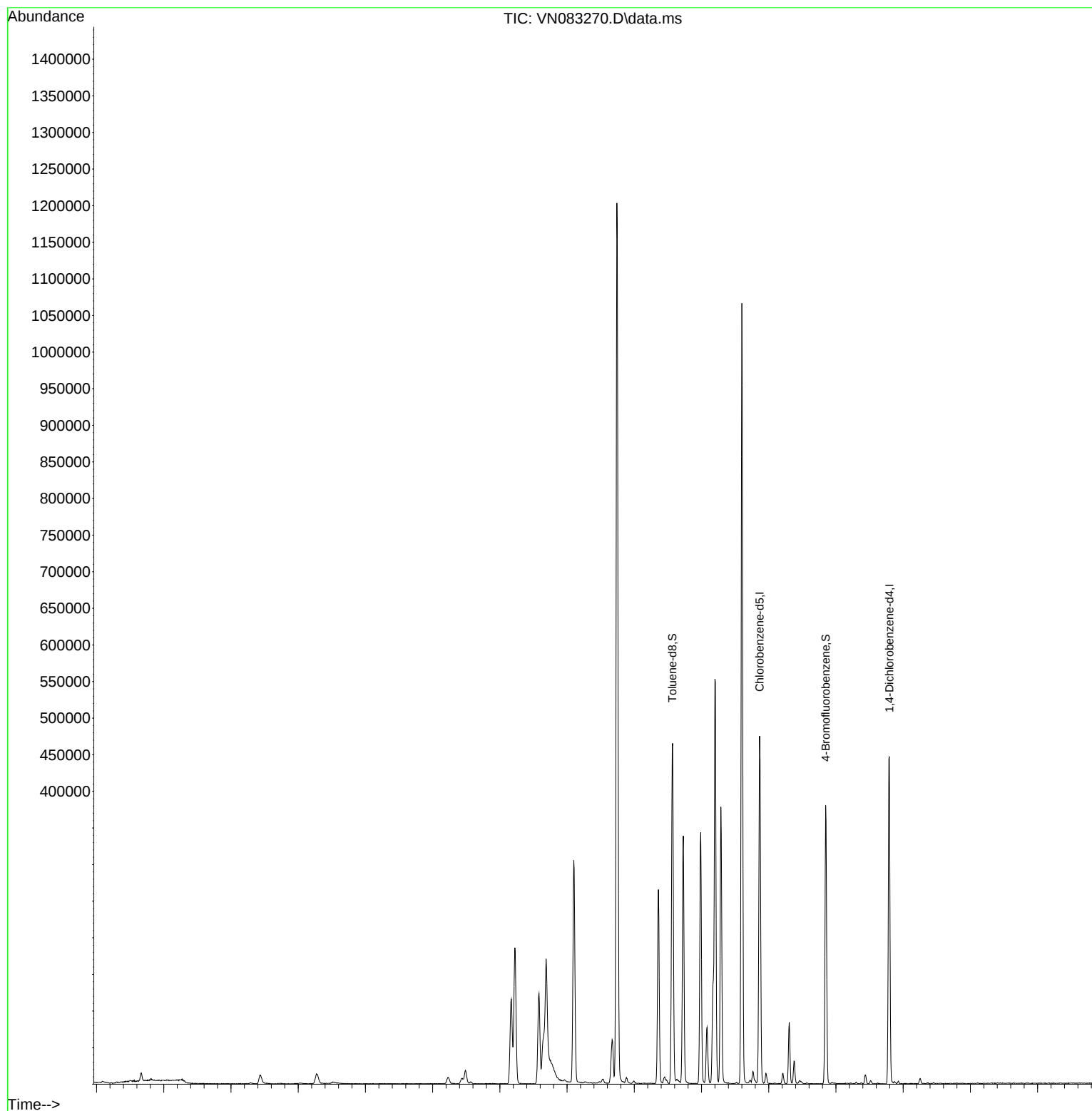
Internal Standards						
1) Pentafluorobenzene	8.224	168	128919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	254285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	107194	58.416	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.840%			
35) Dibromofluoromethane	8.165	113	83115	52.366	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.740%			
50) Toluene-d8	10.565	98	324217	54.761	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.520%			
62) 4-Bromofluorobenzene	12.847	95	134439	58.244	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 116.480%			
Target Compounds						
16) Acetone	4.430	43	23563	32.816	ug/l	94
20) Methylene Chloride	5.277	84	10812	6.543	ug/l #	81
25) 2-Butanone	7.489	43	16514	14.978	ug/l	100
43) Isopropyl Acetate	8.688	43	312995	68.633	ug/l #	78

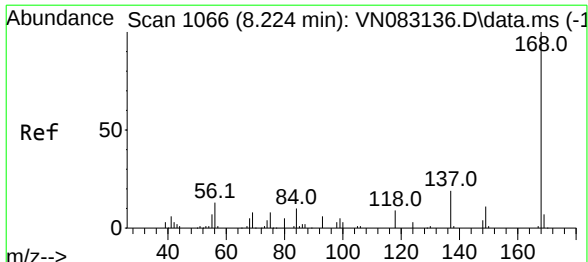
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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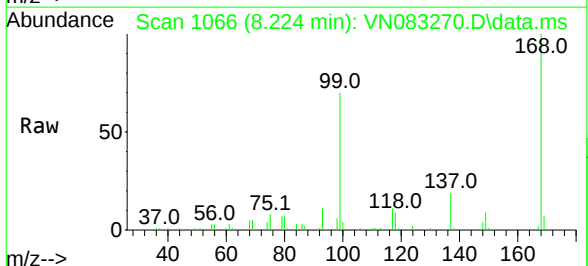
Quant Time: Aug 14 01:50:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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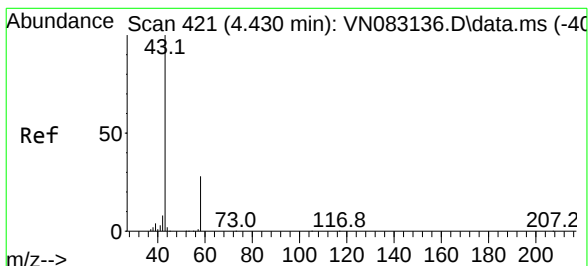
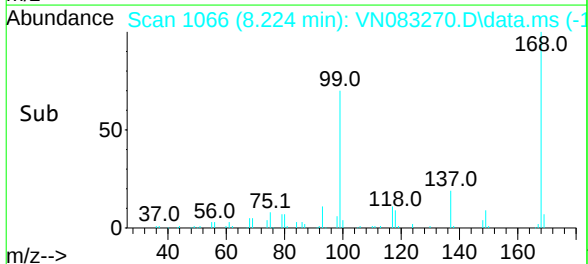
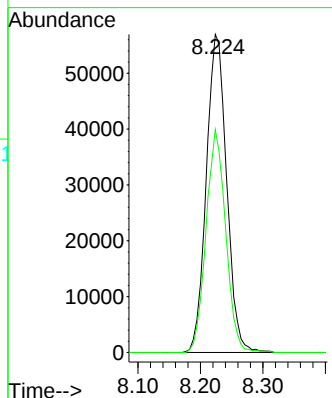


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083270.D
Acq: 13 Aug 2024 20:10

Instrument :
MSVOA_N
ClientSampleId :
PB162587TB

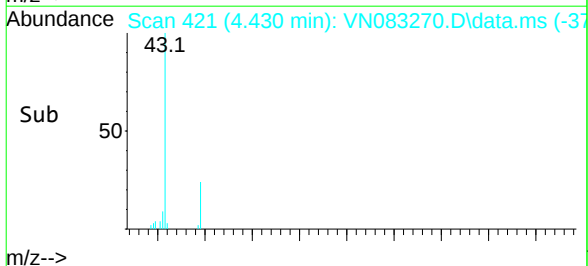
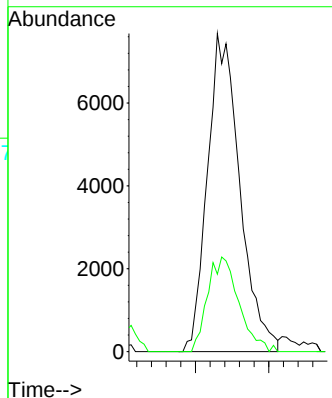
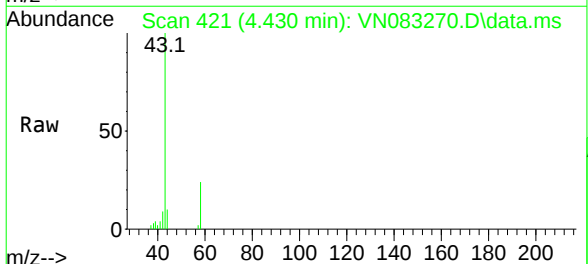


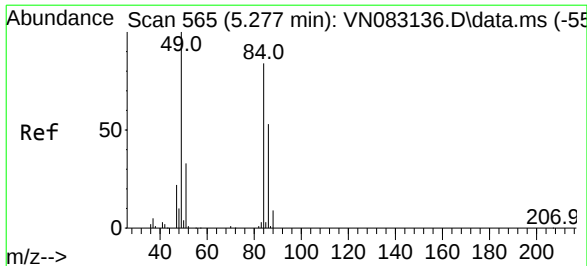
Tgt Ion:168 Resp: 128919
Ion Ratio Lower Upper
168 100
99 70.1 48.2 72.4



#16
Acetone
Concen: 32.816 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083270.D
Acq: 13 Aug 2024 20:10

Tgt Ion: 43 Resp: 23563
Ion Ratio Lower Upper
43 100
58 24.3 21.8 32.6





#20

Methylene Chloride

Concen: 6.543 ug/l

RT: 5.277 min Scan# 56

Delta R.T. 0.000 min

Lab File: VN083270.D

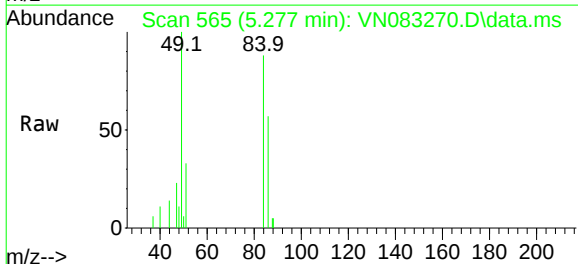
Acq: 13 Aug 2024 20:10

Instrument :

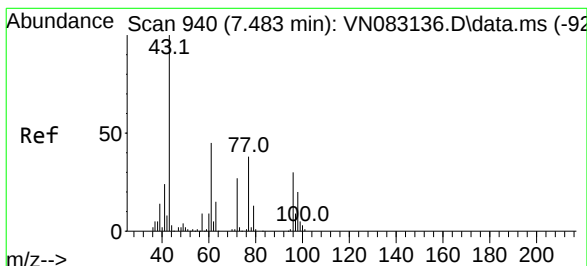
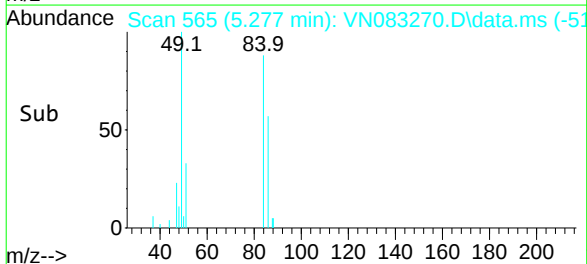
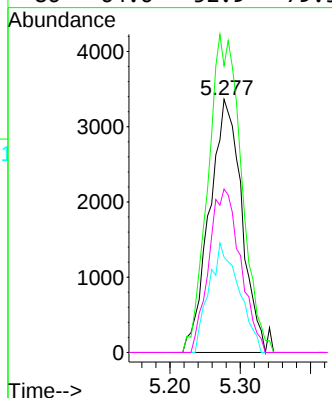
MSVOA_N

ClientSampleId :

PB162587TB



Tgt Ion:	84	Resp:	10812
Ion	Ratio	Lower	Upper
84	100		
49	113.3	119.6	179.4#
51	37.7	34.8	52.2
86	64.6	52.9	79.3



#25

2-Butanone

Concen: 14.978 ug/l

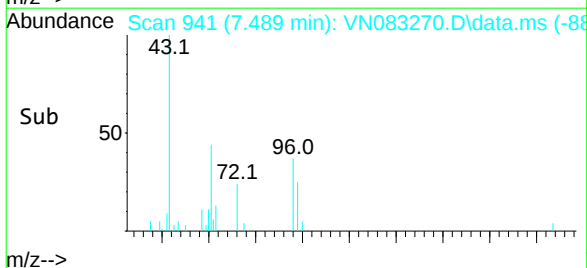
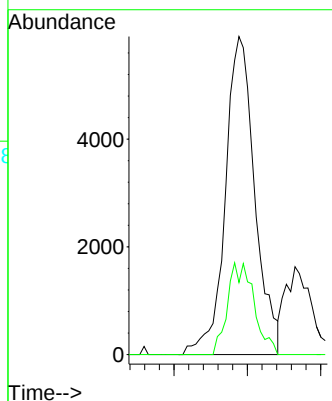
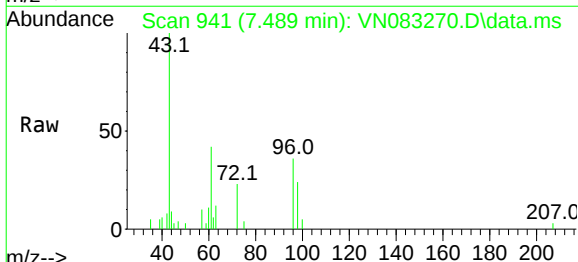
RT: 7.489 min Scan# 941

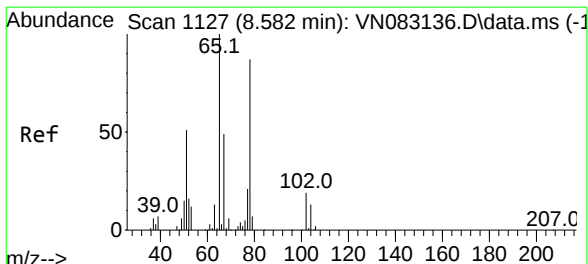
Delta R.T. 0.006 min

Lab File: VN083270.D

Acq: 13 Aug 2024 20:10

Tgt Ion:	43	Resp:	16514
Ion	Ratio	Lower	Upper
43	100		
72	22.7	18.2	27.2

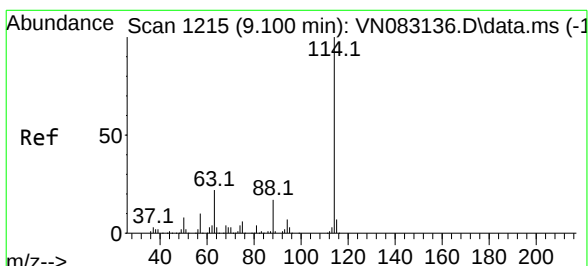
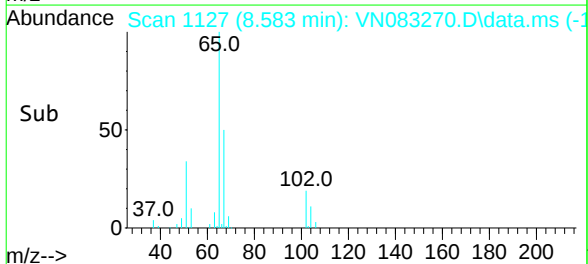
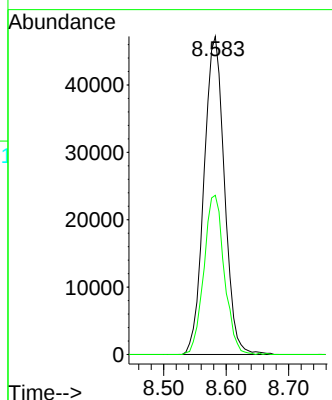
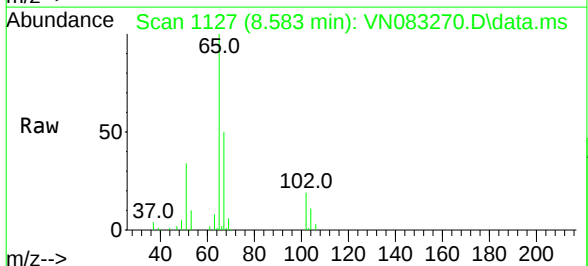




#33
 1,2-Dichloroethane-d4
 Concen: 58.416 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN083270.D
 Acq: 13 Aug 2024 20:10

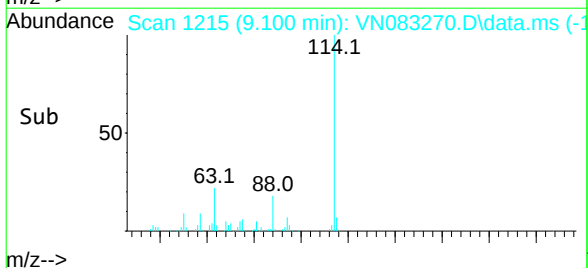
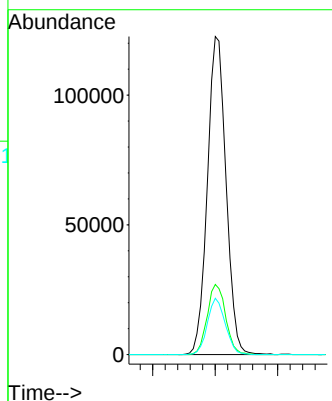
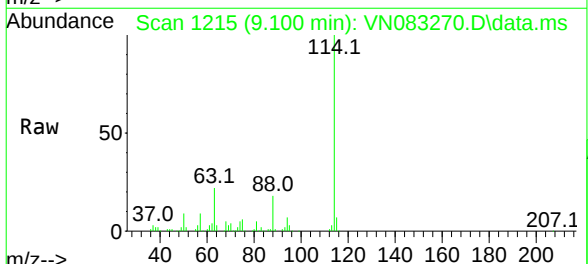
Instrument :
 MSVOA_N
 ClientSampleId :
 PB162587TB

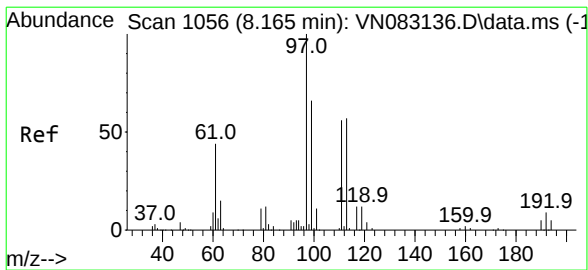
Tgt Ion: 65 Resp: 107194
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN083270.D
 Acq: 13 Aug 2024 20:10

Tgt Ion: 114 Resp: 254285
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.6
 88 17.7 0.0 31.4

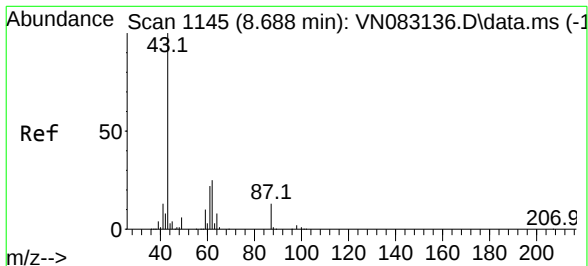
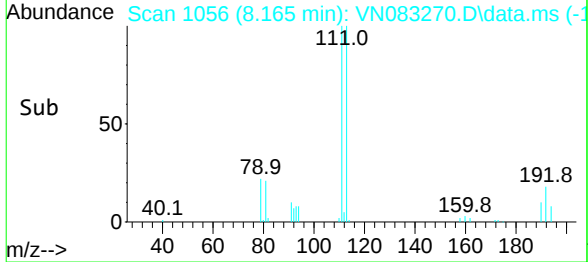
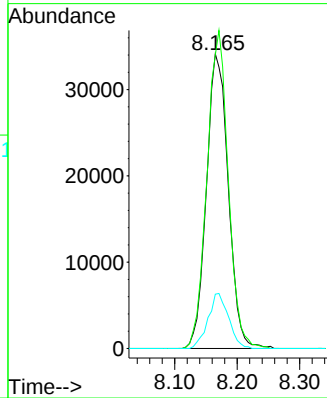
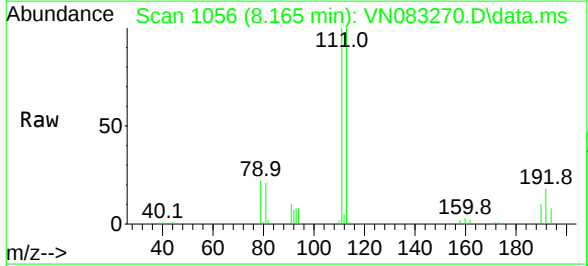




#35
Dibromofluoromethane
Concen: 52.366 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083270.D
Acq: 13 Aug 2024 20:10

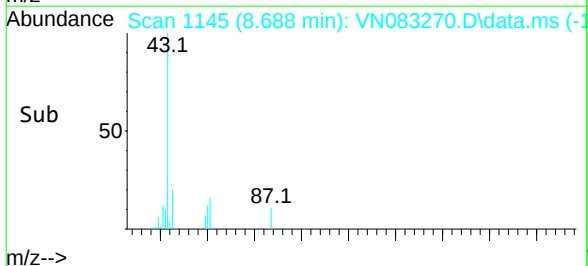
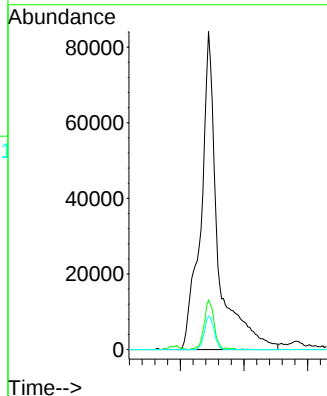
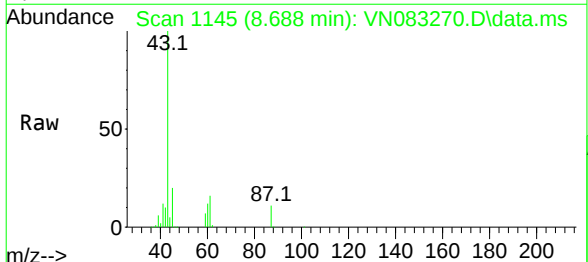
Instrument :
MSVOA_N
ClientSampleId :
PB162587TB

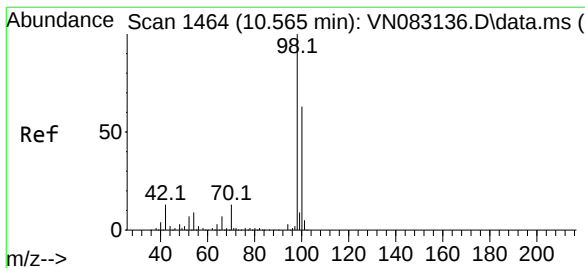
Tgt Ion:	113	Resp:	83115
Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.4	123.6
192	17.5	14.9	22.3



#43
Isopropyl Acetate
Concen: 68.633 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083270.D
Acq: 13 Aug 2024 20:10

Tgt Ion:	43	Resp:	312995
Ion	Ratio	Lower	Upper
43	100		
61	9.0	17.8	26.6#
87	5.9	8.2	12.2#





#50

Toluene-d8

Concen: 54.761 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083270.D

Acq: 13 Aug 2024 20:10

Instrument :

MSVOA_N

ClientSampleId :

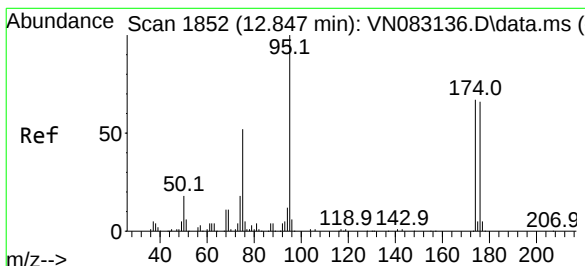
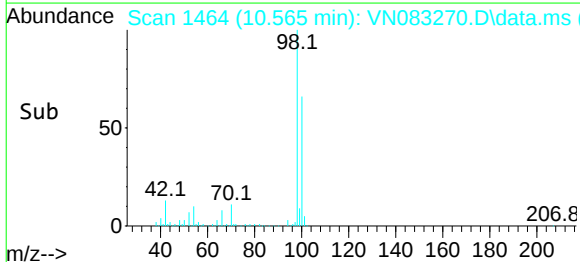
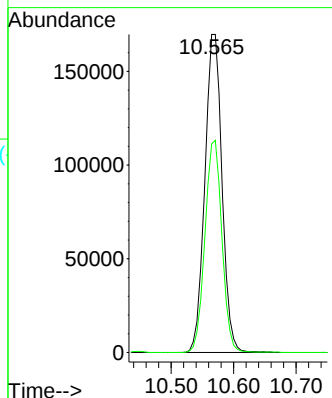
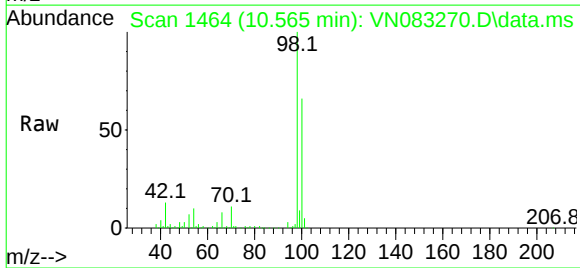
PB162587TB

Tgt Ion: 98 Resp: 324217

Ion Ratio Lower Upper

98 100

100 65.8 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 58.244 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083270.D

Acq: 13 Aug 2024 20:10

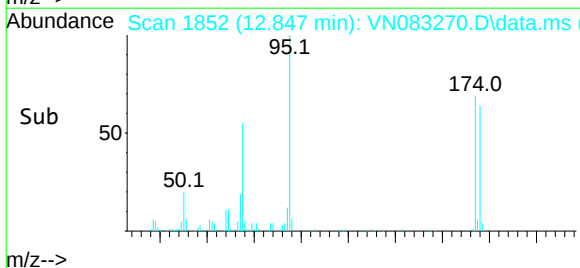
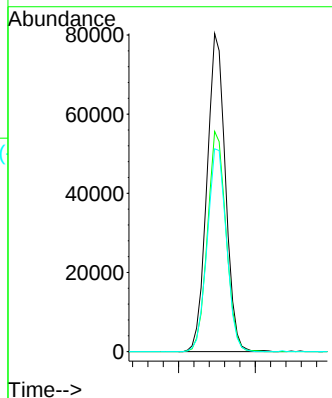
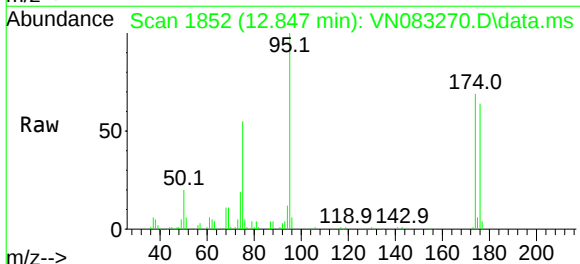
Tgt Ion: 95 Resp: 134439

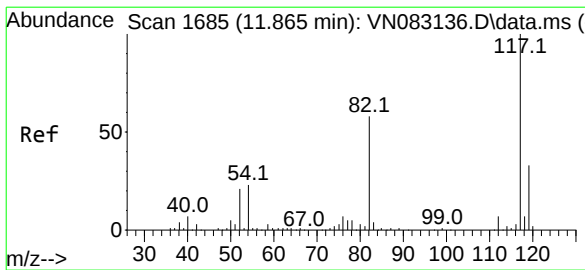
Ion Ratio Lower Upper

95 100

174 69.5 0.0 159.2

176 66.0 0.0 147.6

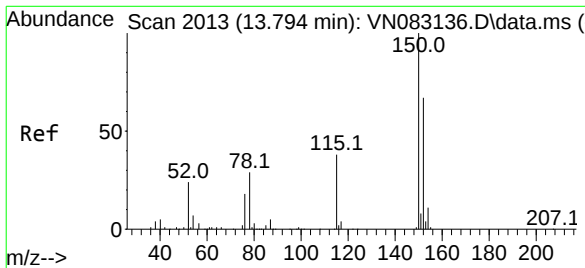
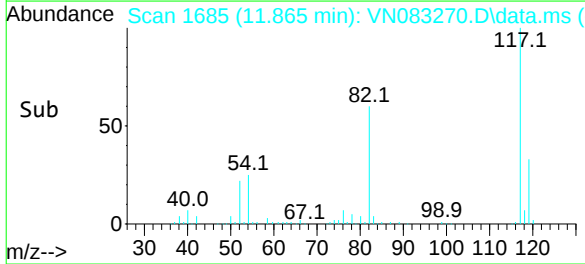
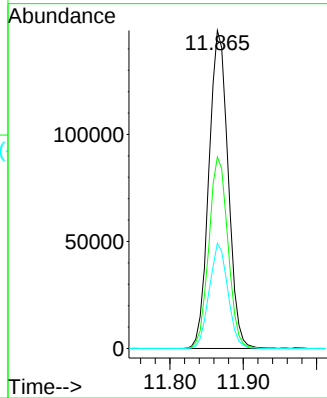
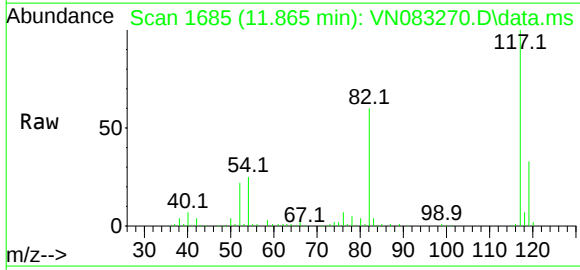




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083270.D
Acq: 13 Aug 2024 20:10

Instrument :
MSVOA_N
ClientSampleId :
PB162587TB

Tgt Ion:	117	Resp:	270476
Ion	Ratio	Lower	Upper
117	100		
82	60.2	47.5	71.3
119	33.1	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: VN083270.D
Acq: 13 Aug 2024 20:10

Tgt Ion:	152	Resp:	119067
Ion	Ratio	Lower	Upper
152	100		
115	64.7	30.6	91.6
150	158.9	0.0	348.6

