

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051024\
 Data File : VN082073.D
 Acq On : 10 May 2024 16:34
 Operator : JC\MD
 Sample : PB160834ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160834ZHE#05

Quant Time: May 10 23:24:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

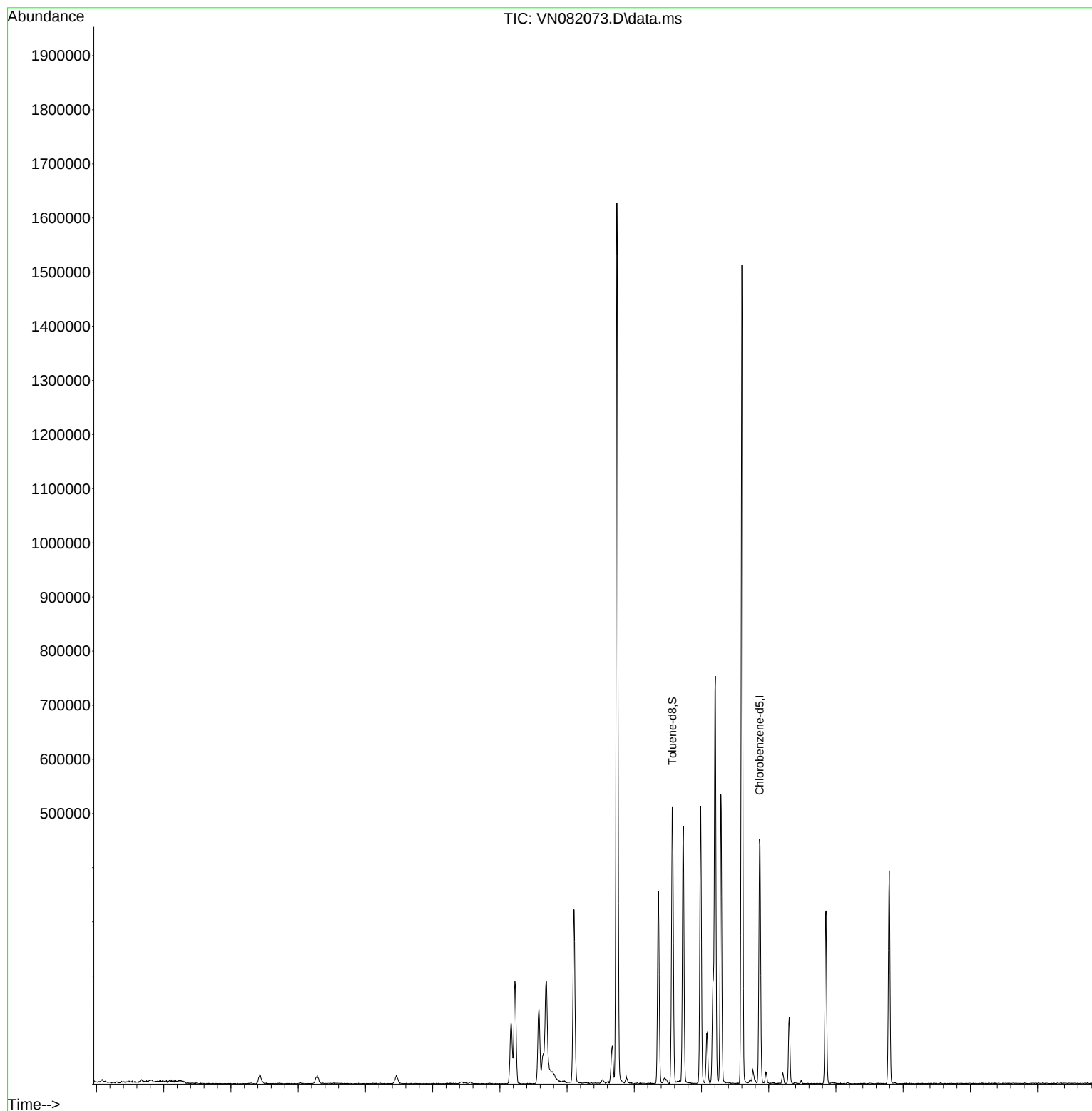
Internal Standards						
1) Pentafluorobenzene	8.230	168	123120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	262891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106727	51.362	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.720%
35) Dibromofluoromethane	8.165	113	81006	51.178	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.360%
50) Toluene-d8	10.565	98	337399	54.275	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.560%
62) 4-Bromofluorobenzene	12.847	95	112900	45.943	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.880%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	30047	44.403	ug/l	94
20) Methylene Chloride	5.283	84	11134	6.252	ug/l #	91
37) Ethyl Acetate	7.565	43	5065	1.819	ug/l #	80
43) Isopropyl Acetate	8.688	43	297449	56.819	ug/l #	73

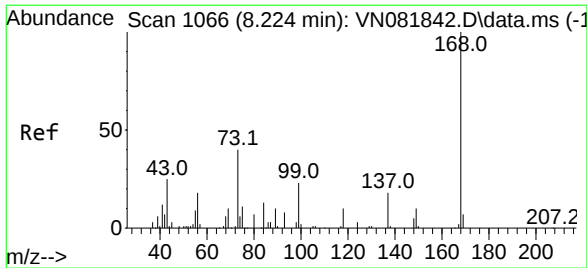
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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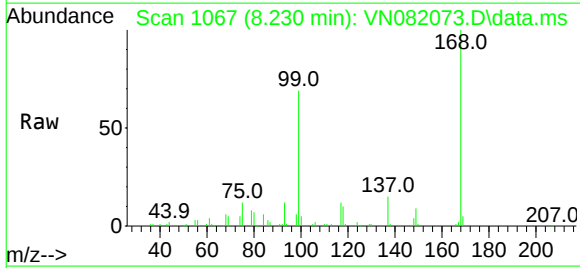
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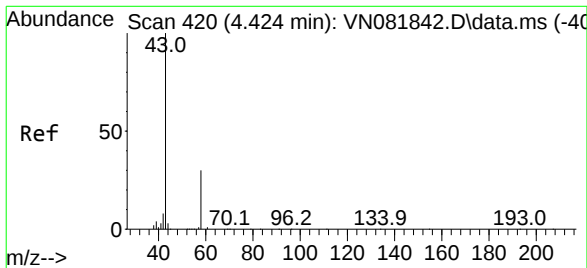
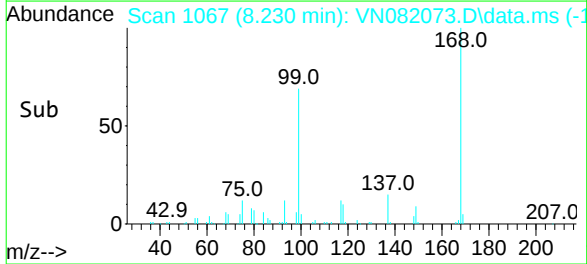
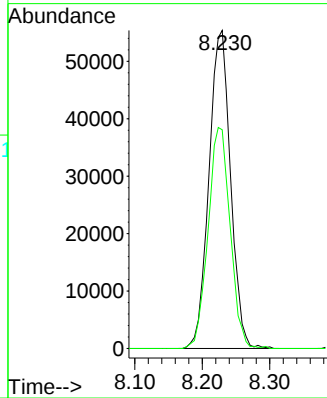


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082073.D
Acq: 10 May 2024 16:34

Instrument :
MSVOA_N
ClientSampleId :
PB160834ZHE#05

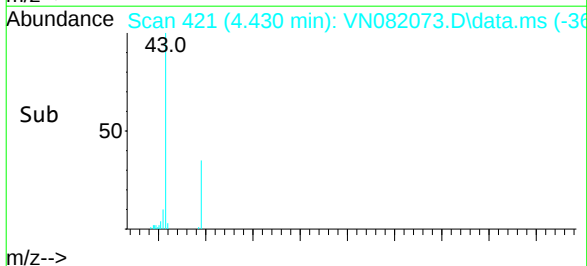
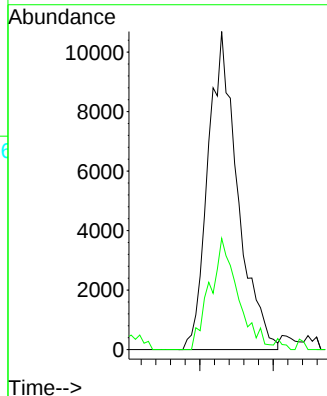
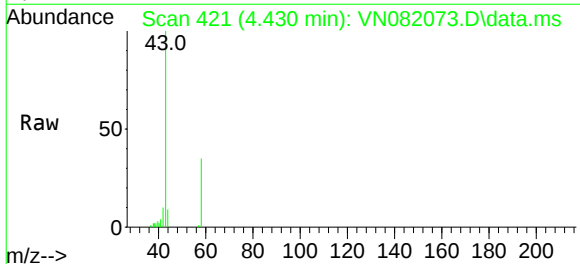


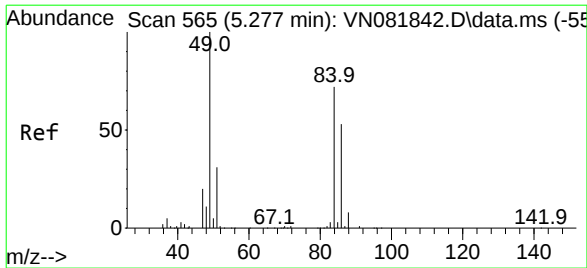
Tgt Ion:168 Resp: 123120
Ion Ratio Lower Upper
168 100
99 68.8 48.2 72.4



#16
Acetone
Concen: 44.403 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082073.D
Acq: 10 May 2024 16:34

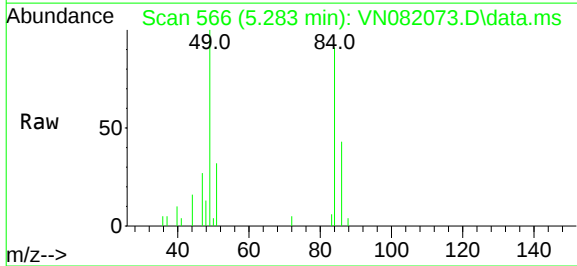
Tgt Ion: 43 Resp: 30047
Ion Ratio Lower Upper
43 100
58 35.0 25.2 37.8



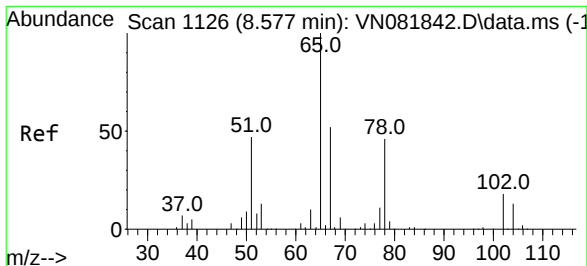
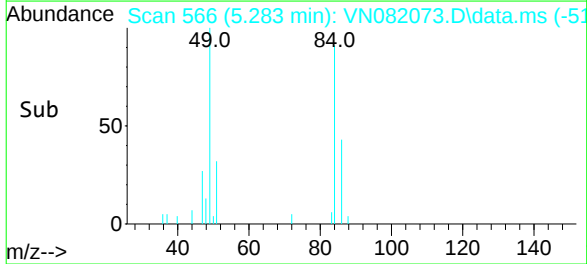
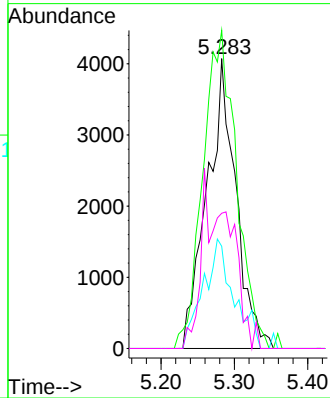


#20
Methylene Chloride
Concen: 6.252 ug/l
RT: 5.283 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN082073.D
Acq: 10 May 2024 16:34

Instrument :
MSVOA_N
ClientSampleId :
PB160834ZHE#05

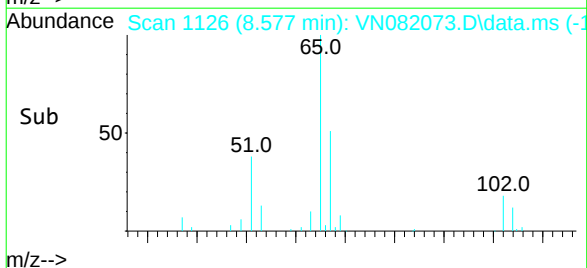
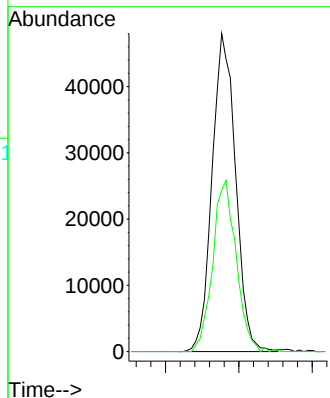
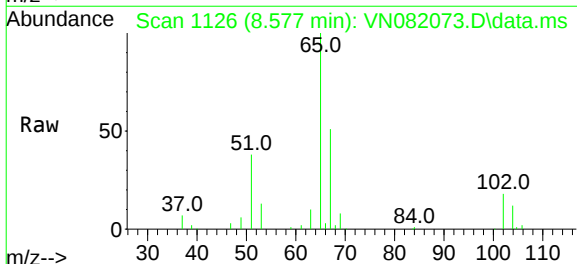


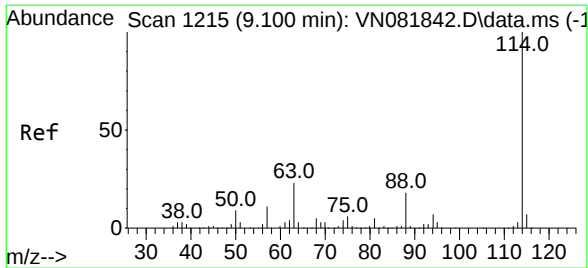
Tgt Ion	Ratio	Lower	Upper
84	100		
49	104.8	84.9	127.3
51	35.3	27.0	40.6
86	46.6	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 51.362 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082073.D
Acq: 10 May 2024 16:34

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	103.0

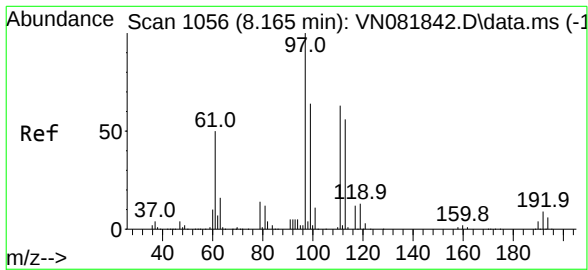
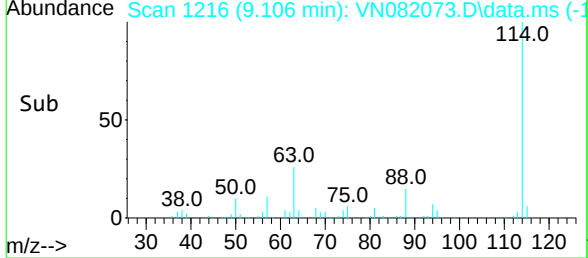
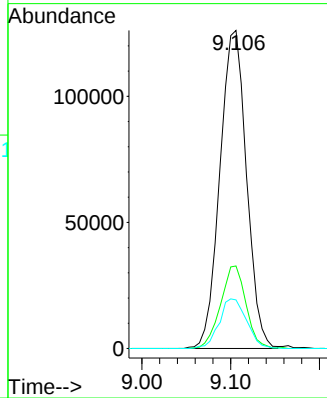
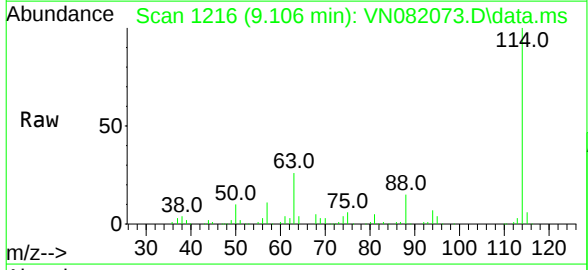




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN082073.D
Acq: 10 May 2024 16:34

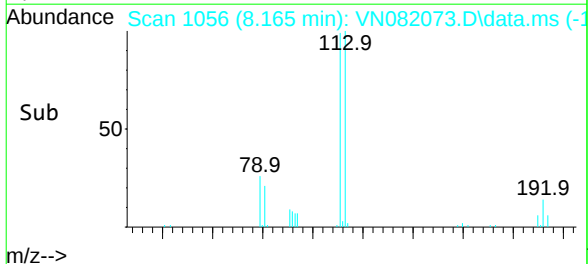
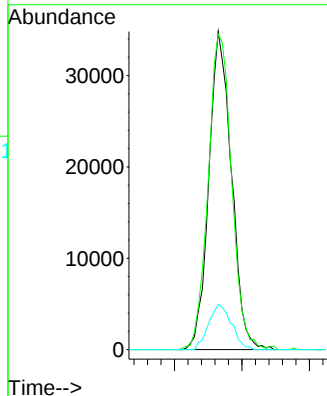
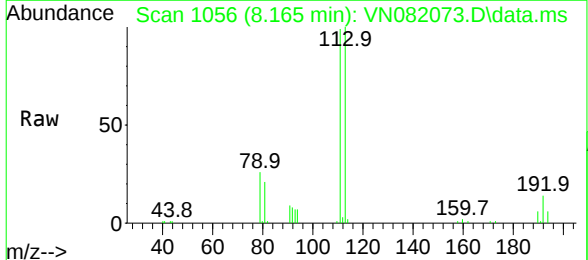
Instrument :
MSVOA_N
ClientSampleId :
PB160834ZHE#05

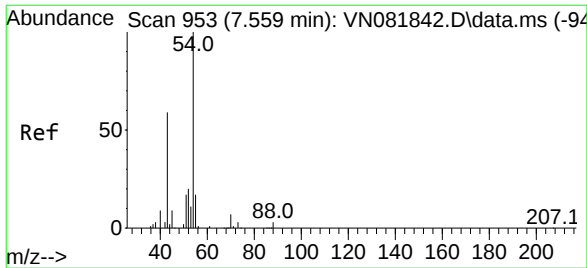
Tgt Ion:	114	Resp:	262891
Ion	Ratio	Lower	Upper
114	100		
63	25.9	0.0	41.0
88	15.3	0.0	31.4



#35
Dibromofluoromethane
Concen: 51.178 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082073.D
Acq: 10 May 2024 16:34

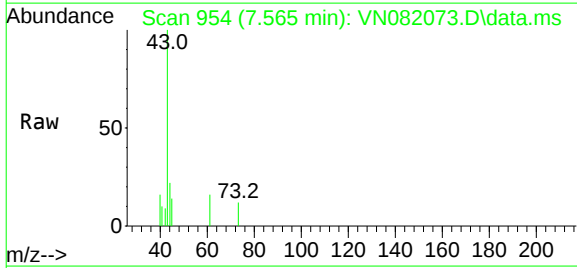
Tgt Ion:	113	Resp:	81006
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.4	125.2
192	14.4	14.0	21.0



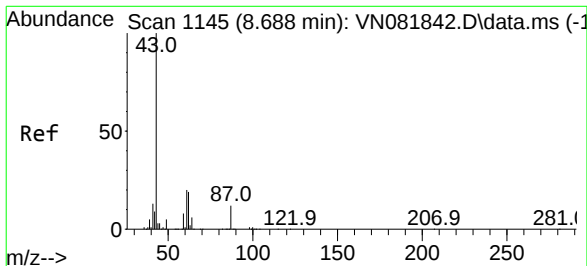
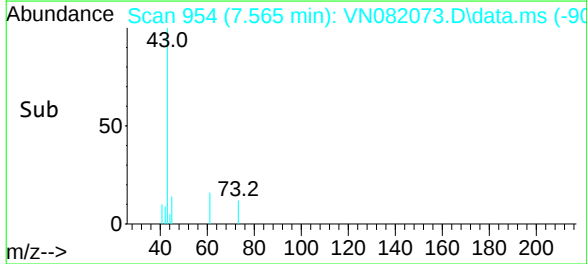
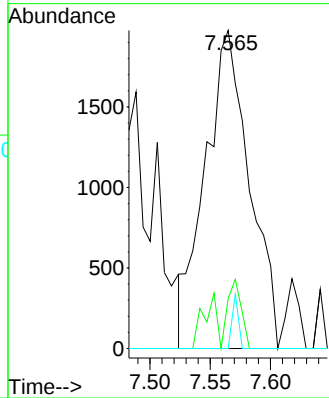


#37
Ethyl Acetate
Concen: 1.819 ug/l
RT: 7.565 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN082073.D
Acq: 10 May 2024 16:34

Instrument :
MSVOA_N
ClientSampleId :
PB160834ZHE#05

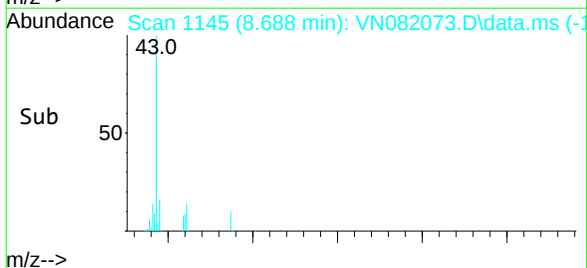
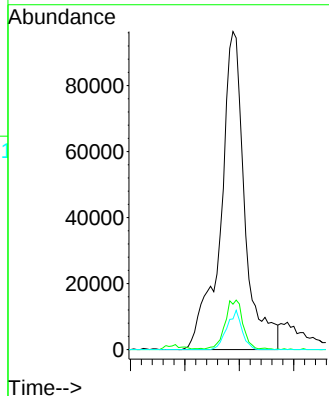
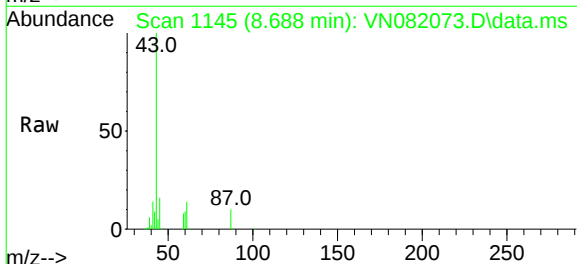


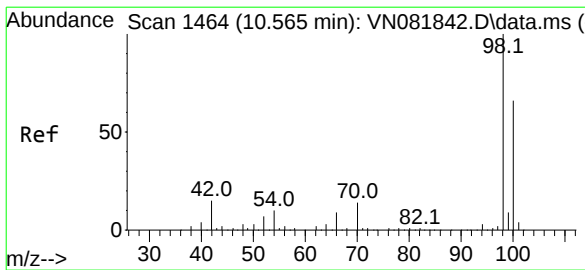
Tgt Ion: 43 Resp: 5065
Ion Ratio Lower Upper
43 100
61 6.7 11.3 16.9#
70 2.3 8.7 13.1#



#43
Isopropyl Acetate
Concen: 56.819 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082073.D
Acq: 10 May 2024 16:34

Tgt Ion: 43 Resp: 297449
Ion Ratio Lower Upper
43 100
61 11.2 22.8 34.2#
87 7.6 12.0 18.0#





#50

Toluene-d8

Concen: 54.275 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN082073.D

Acq: 10 May 2024 16:34

Instrument :

MSVOA_N

ClientSampleId :

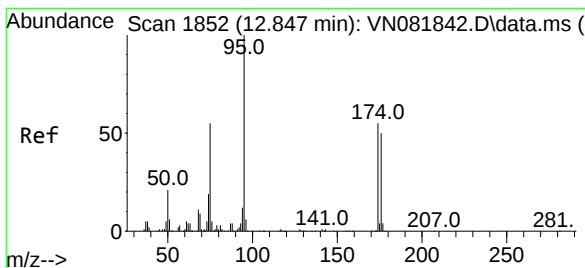
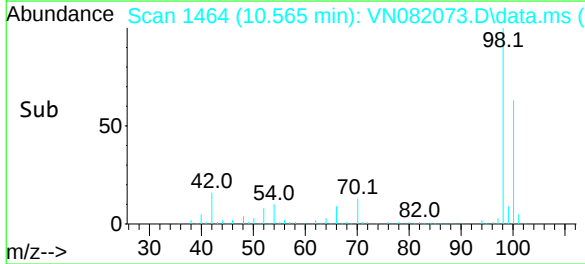
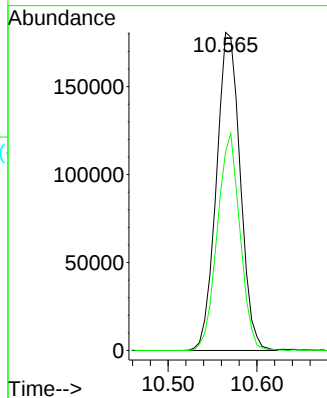
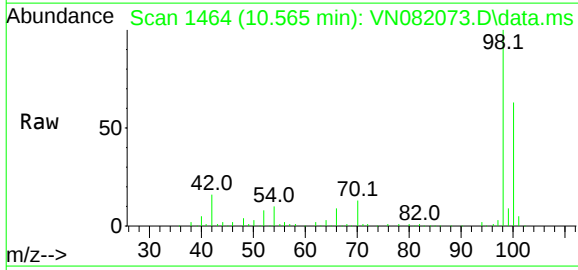
PB160834ZHE#05

Tgt Ion: 98 Resp: 337399

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 45.943 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN082073.D

Acq: 10 May 2024 16:34

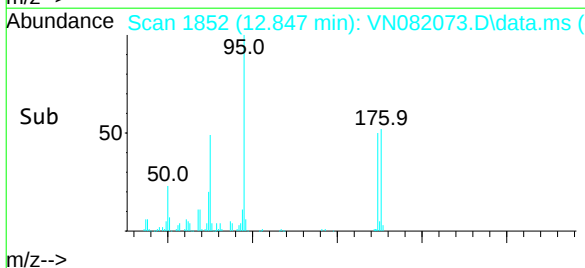
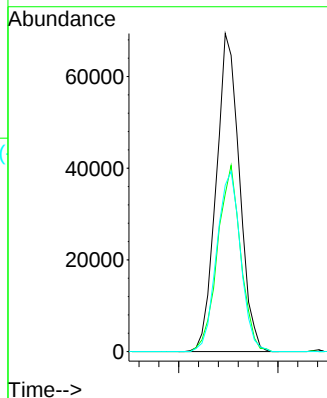
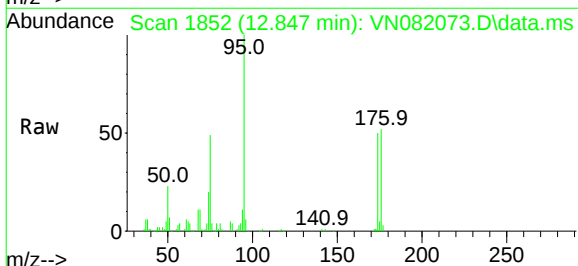
Tgt Ion: 95 Resp: 112900

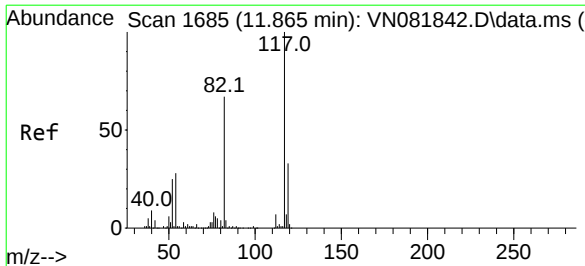
Ion Ratio Lower Upper

95 100

174 58.2 0.0 160.6

176 58.1 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN082073.D

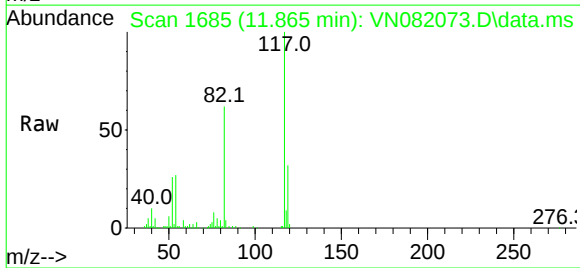
Acq: 10 May 2024 16:34

Instrument :

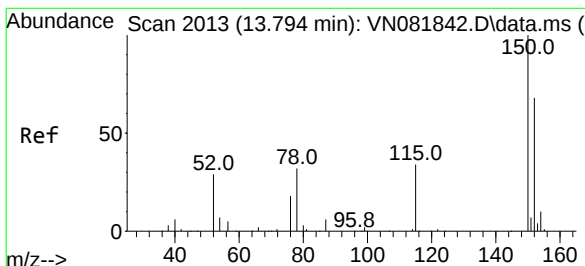
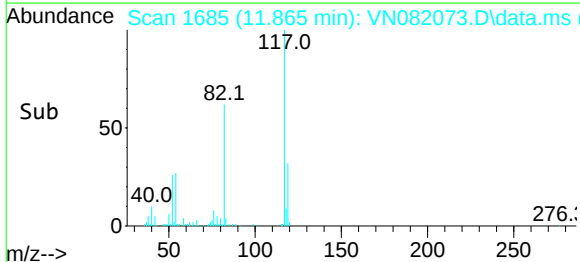
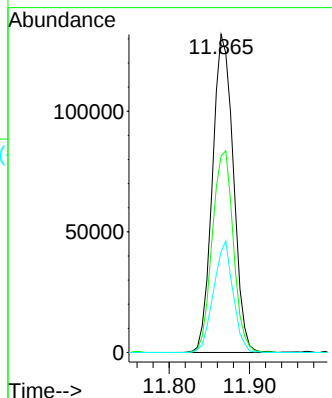
MSVOA_N

ClientSampleId :

PB160834ZHE#05



Tgt Ion:	117	Resp:	238602
Ion	Ratio	Lower	Upper
117	100		
82	61.8	44.6	66.8
119	31.8	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082073.D

Acq: 10 May 2024 16:34

Tgt Ion:	152	Resp:	91374
Ion	Ratio	Lower	Upper
152	100		
115	64.6	30.4	91.3
150	154.3	0.0	353.2

