

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032724\
 Data File : VN081585.D
 Acq On : 27 Mar 2024 15:09
 Operator : JC\MD
 Sample : PB159779ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159779ZHE#01

Quant Time: Mar 28 01:28:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

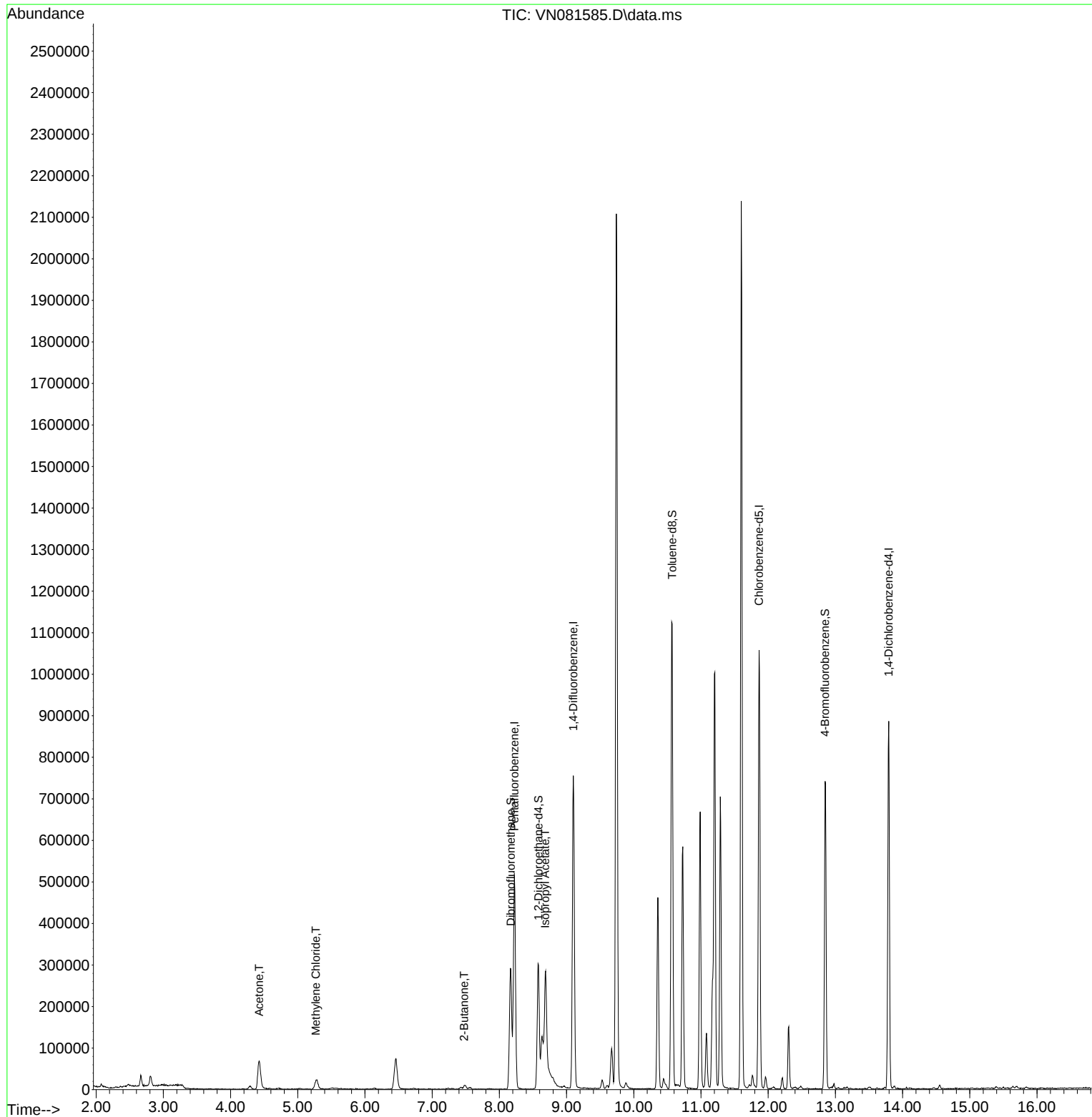
Internal Standards						
1) Pentafluorobenzene	8.224	168	365182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	677785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	628330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	242658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	243130	52.207	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.420%		
35) Dibromofluoromethane	8.171	113	213117	49.823	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.640%		
50) Toluene-d8	10.570	98	812072	52.518	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.040%		
62) 4-Bromofluorobenzene	12.847	95	260712	47.851	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 95.700%		
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	131240	87.200	ug/l	97
20) Methylene Chloride	5.271	84	19435	3.942	ug/l #	79
25) 2-Butanone	7.477	43	16251	6.295	ug/l #	77
43) Isopropyl Acetate	8.682	43	378082	37.003	ug/l #	83

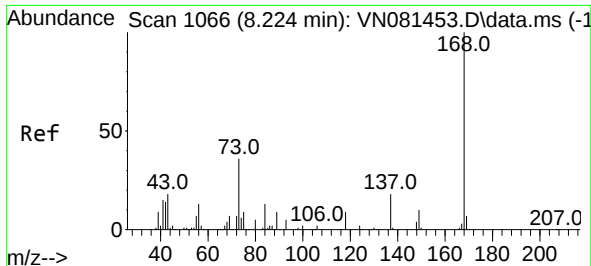
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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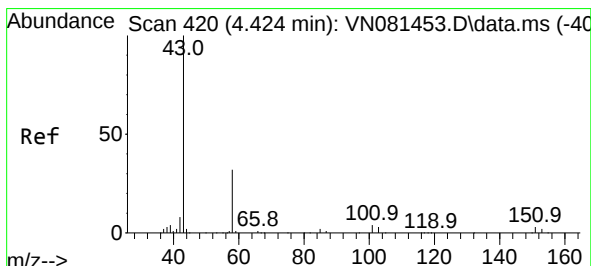
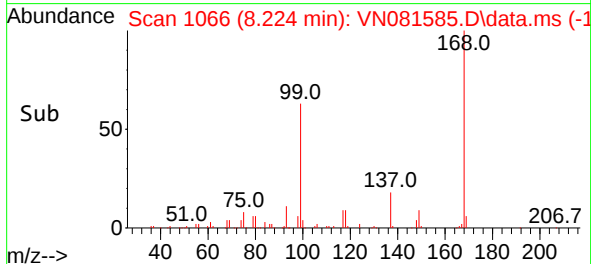
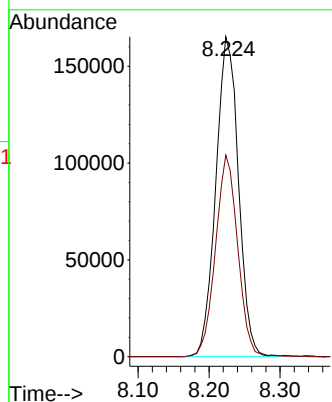
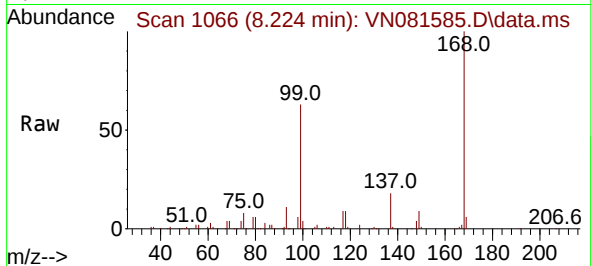




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081585.D
Acq: 27 Mar 2024 15:09

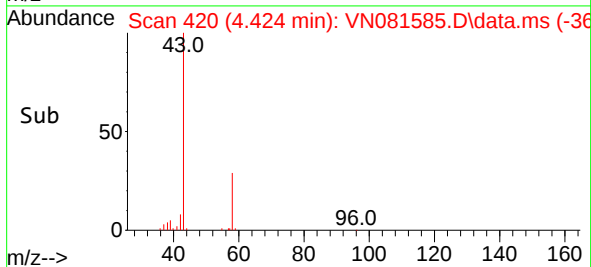
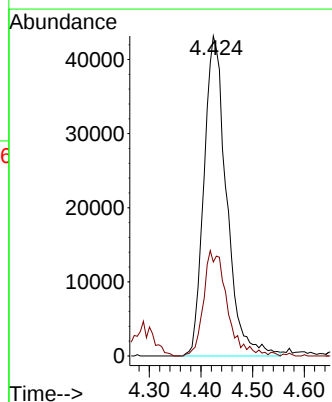
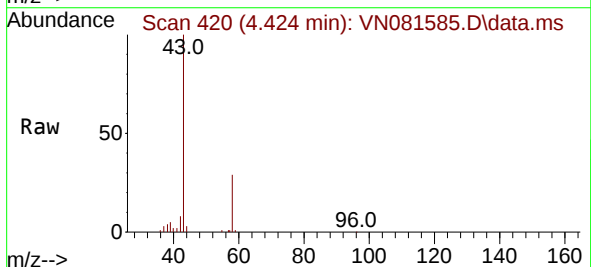
Instrument :
MSVOA_N
ClientSampleId :
PB159779ZHE#01

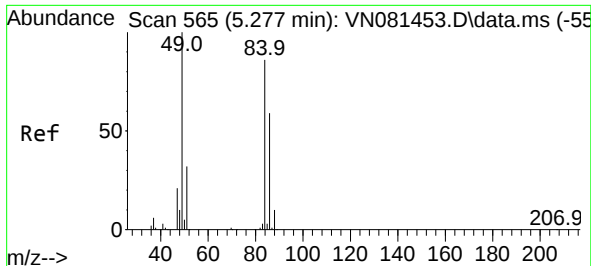
Tgt Ion:168 Resp: 365182
Ion Ratio Lower Upper
168 100
99 63.0 59.9 89.9



#16
Acetone
Concen: 87.200 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081585.D
Acq: 27 Mar 2024 15:09

Tgt Ion: 43 Resp: 131240
Ion Ratio Lower Upper
43 100
58 29.4 24.8 37.2

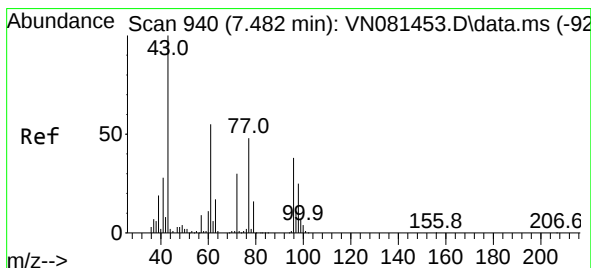
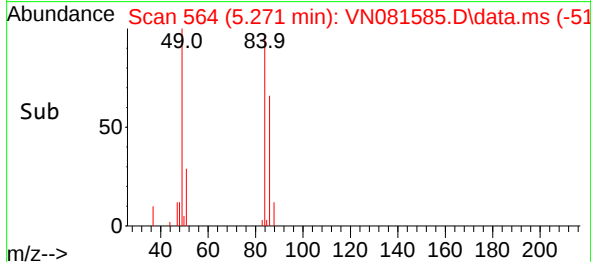
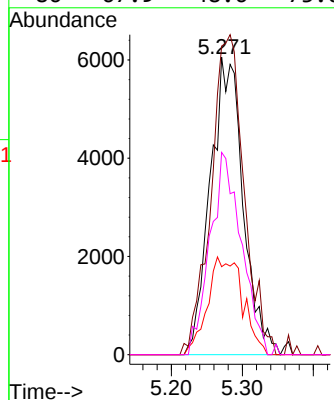
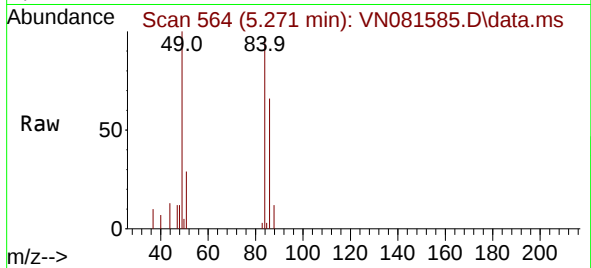




#20
Methylene Chloride
Concen: 3.942 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN081585.D
Acq: 27 Mar 2024 15:09

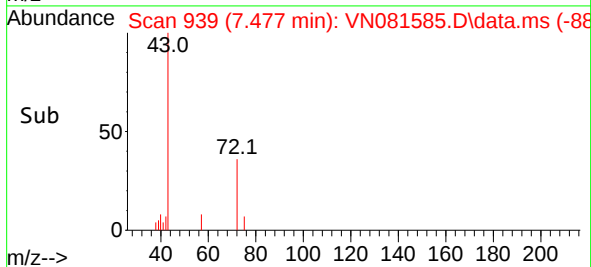
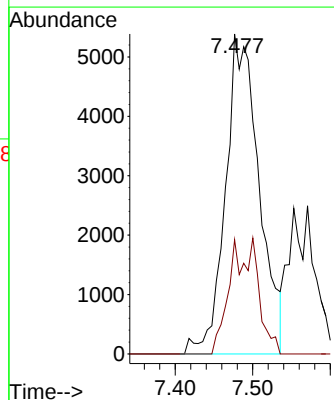
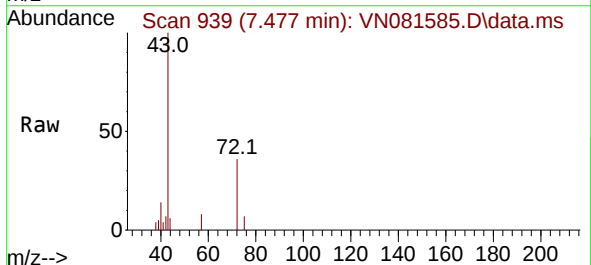
Instrument :
MSVOA_N
ClientSampleId :
PB159779ZHE#01

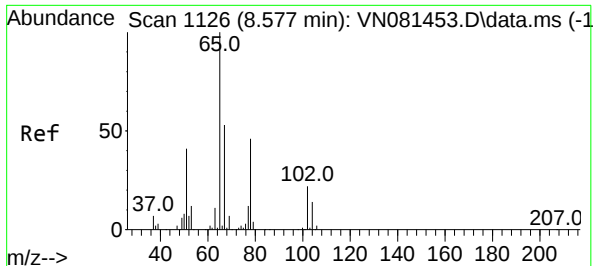
Tgt Ion:	84	Resp:	19435
Ion	Ratio	Lower	Upper
84	100		
49	103.7	108.1	162.1#
51	29.6	32.9	49.3#
86	67.9	48.6	73.0



#25
2-Butanone
Concen: 6.295 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN081585.D
Acq: 27 Mar 2024 15:09

Tgt Ion:	43	Resp:	16251
Ion	Ratio	Lower	Upper
43	100		
72	35.7	19.5	29.3#





#33

1,2-Dichloroethane-d4

Concen: 52.207 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081585.D

Acq: 27 Mar 2024 15:09

Instrument :

MSVOA_N

ClientSampleId :

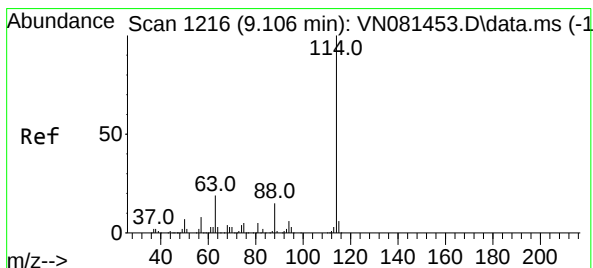
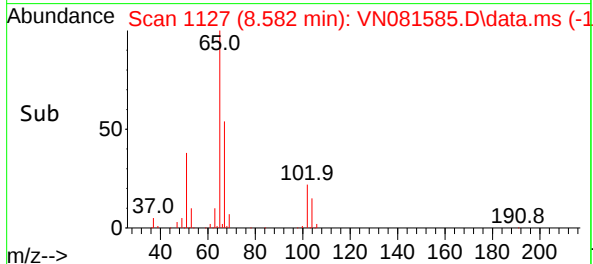
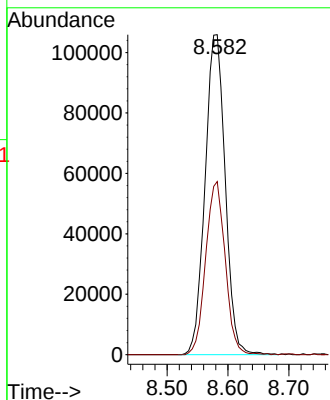
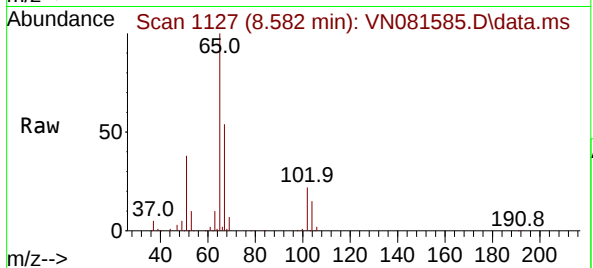
PB159779ZHE#01

Tgt Ion: 65 Resp: 243130

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081585.D

Acq: 27 Mar 2024 15:09

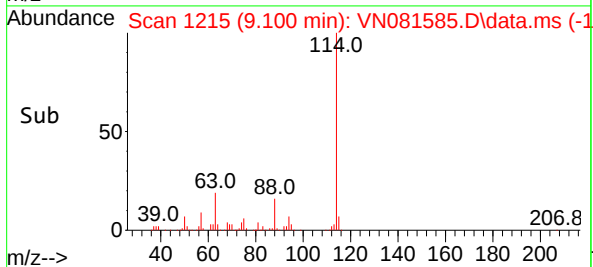
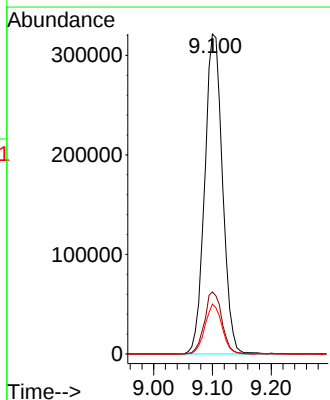
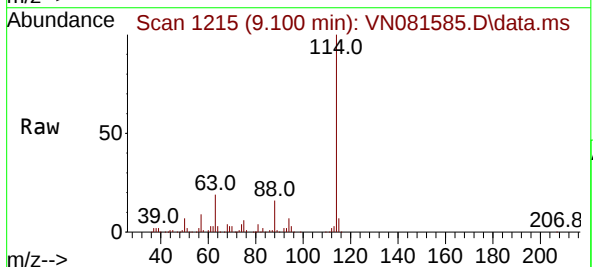
Tgt Ion: 114 Resp: 677785

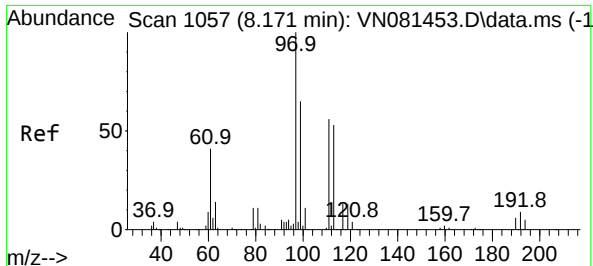
Ion Ratio Lower Upper

114 100

63 19.4 0.0 48.0

88 15.6 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.823 ug/l

RT: 8.171 min Scan# 110

Delta R.T. 0.000 min

Lab File: VN081585.D

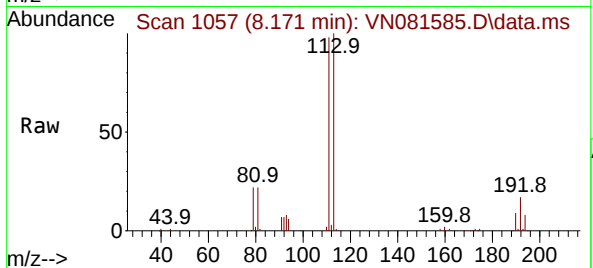
Acq: 27 Mar 2024 15:09

Instrument :

MSVOA_N

ClientSampleId :

PB159779ZHE#01



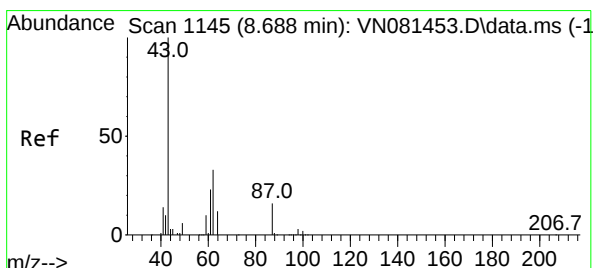
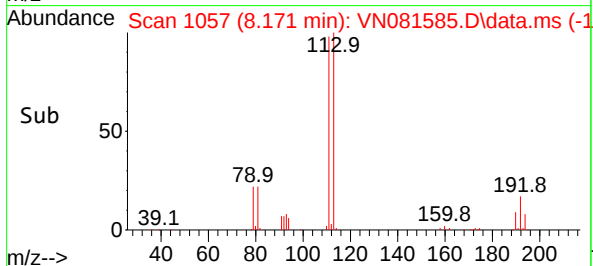
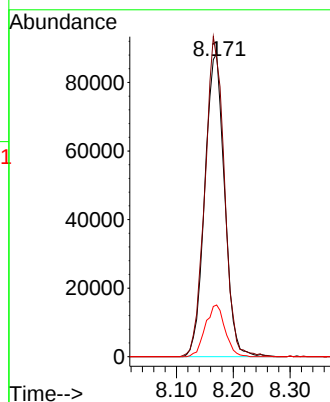
Tgt Ion:113 Resp: 213117

Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 17.0 12.5 18.7



#43

Isopropyl Acetate

Concen: 37.003 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN081585.D

Acq: 27 Mar 2024 15:09

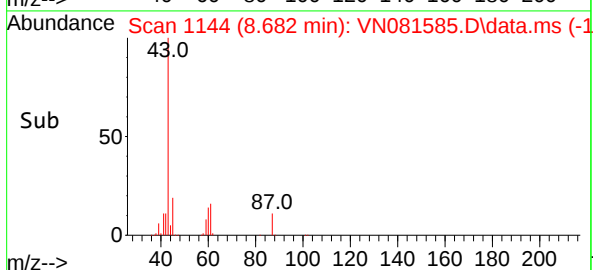
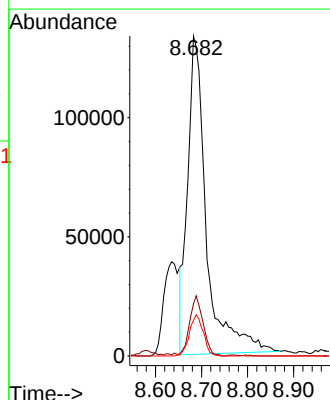
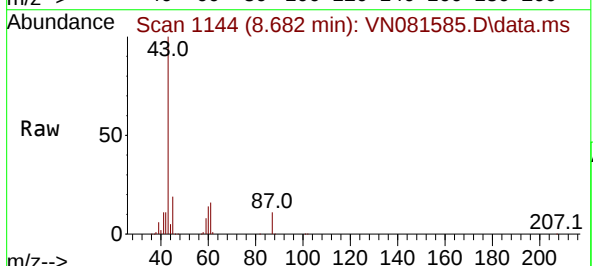
Tgt Ion: 43 Resp: 378082

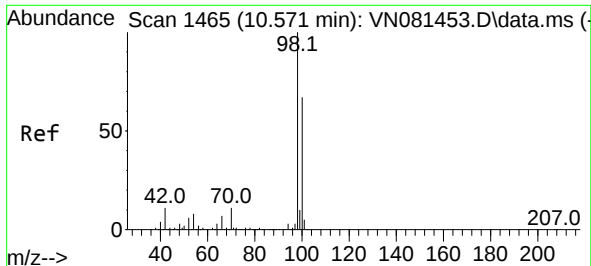
Ion Ratio Lower Upper

43 100

61 13.7 19.9 29.9#

87 9.5 9.0 13.6

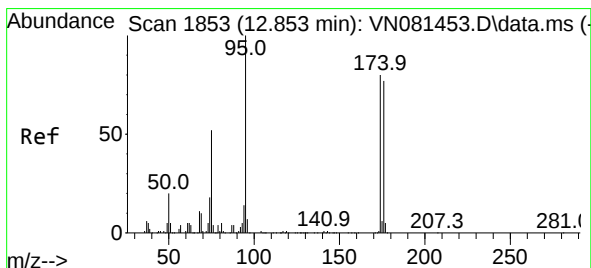
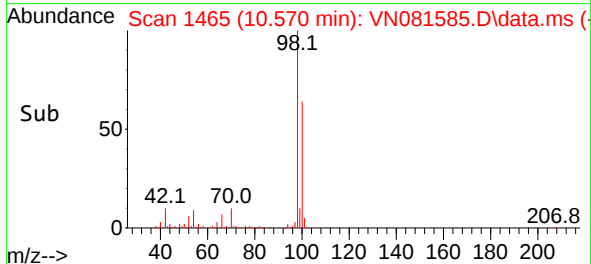
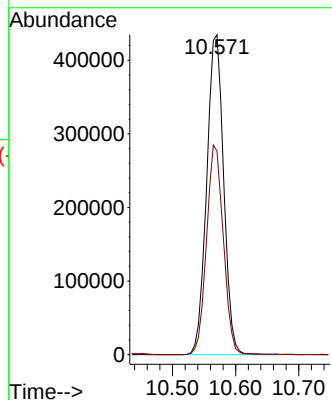
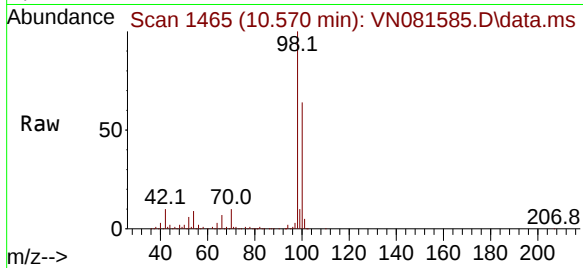




#50
Toluene-d8
Concen: 52.518 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081585.D
Acq: 27 Mar 2024 15:09

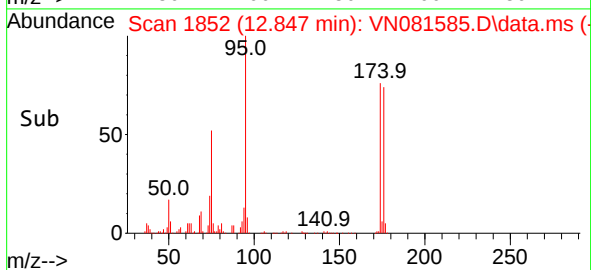
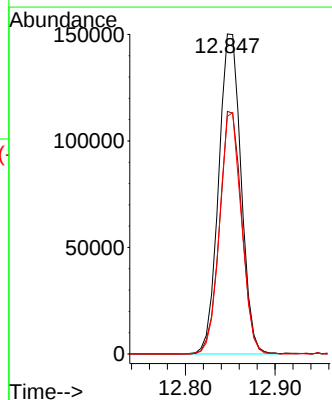
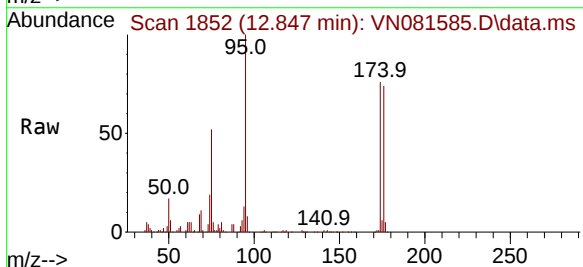
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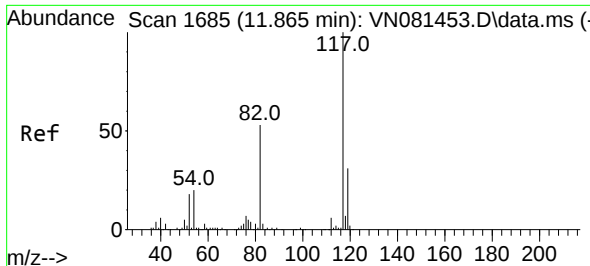
Tgt Ion: 98 Resp: 812072
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.851 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081585.D
Acq: 27 Mar 2024 15:09

Tgt Ion: 95 Resp: 260712
Ion Ratio Lower Upper
95 100
174 75.0 0.0 120.4
176 73.4 0.0 121.0

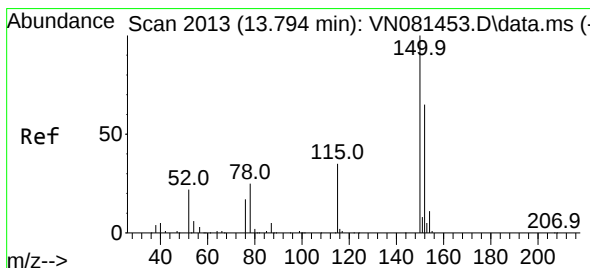
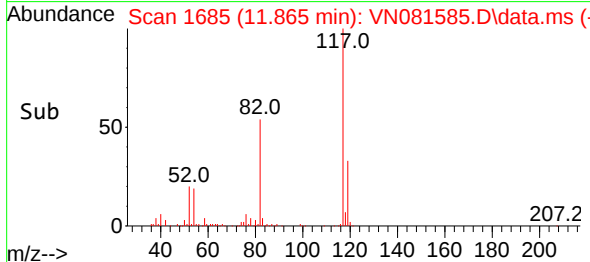
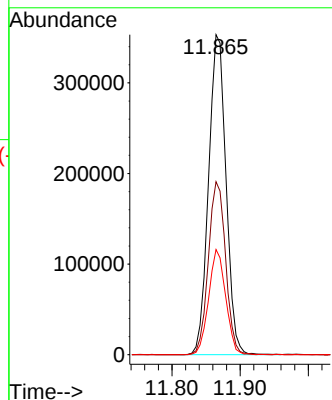
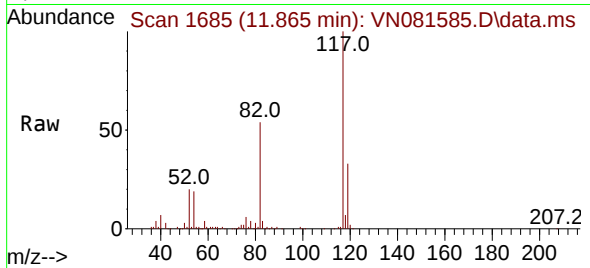




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081585.D
Acq: 27 Mar 2024 15:09

Instrument :
MSVOA_N
ClientSampleId :
PB159779ZHE#01

Tgt Ion:117 Resp: 628330
Ion Ratio Lower Upper
117 100
82 54.0 52.7 79.1
119 32.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081585.D
Acq: 27 Mar 2024 15:09

Tgt Ion:152 Resp: 242658
Ion Ratio Lower Upper
152 100
115 60.6 32.3 96.8
150 157.3 0.0 339.8

