

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081218.D
 Acq On : 27 Feb 2024 14:46
 Operator : JC\MD
 Sample : P1585-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-232

Quant Time: Feb 28 04:18:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

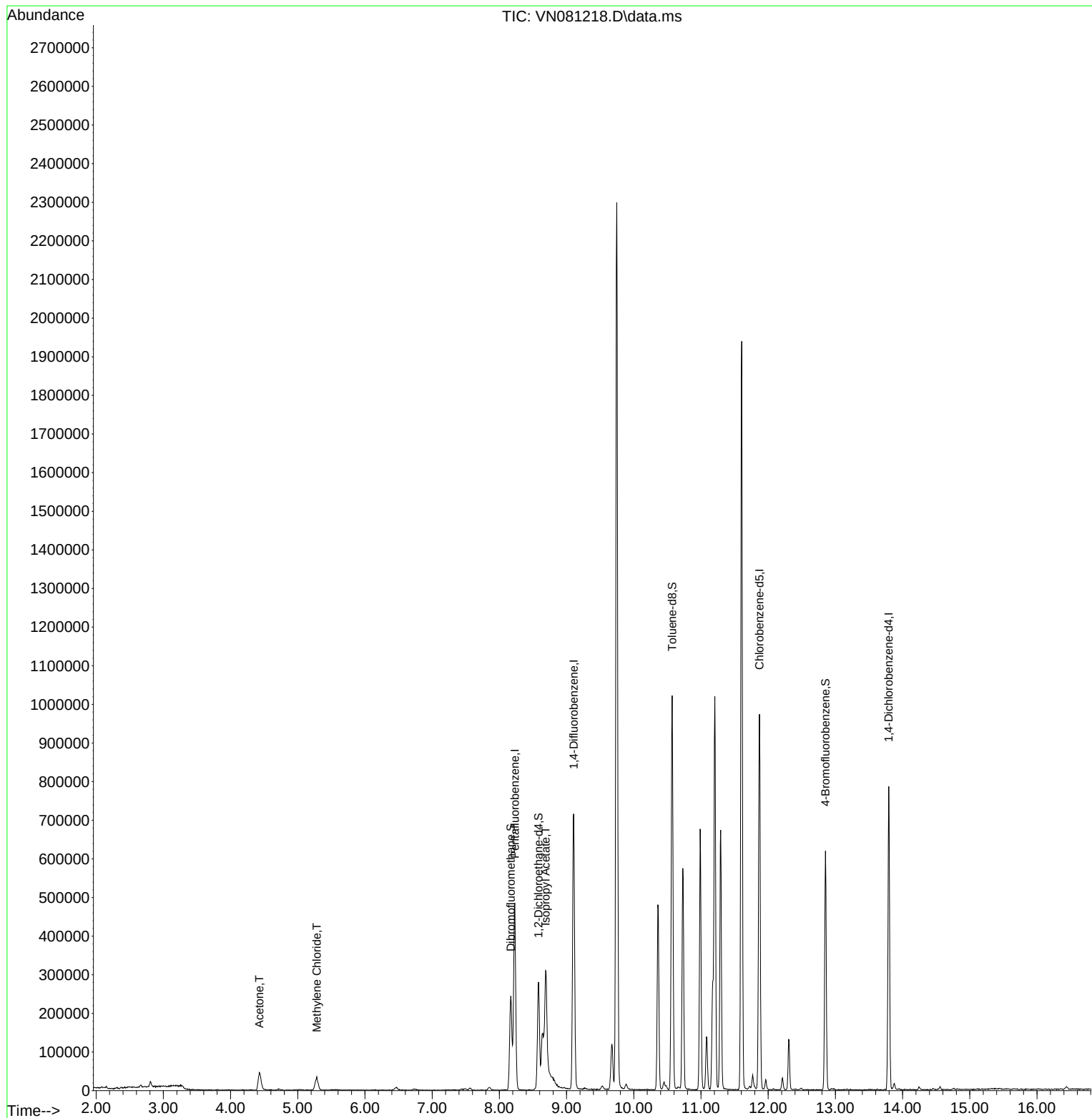
Internal Standards						
1) Pentafluorobenzene	8.229	168	323698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	616571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	555749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	216226	54.498	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	109.000%	
35) Dibromofluoromethane	8.171	113	173529	49.771	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.540%	
50) Toluene-d8	10.570	98	688787	55.623	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	111.240%	
62) 4-Bromofluorobenzene	12.853	95	211790	45.517	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	91.040%	
Target Compounds						Qvalue
16) Acetone	4.430	43	87191	55.850	ug/l	99
20) Methylene Chloride	5.283	84	24488	5.231	ug/l	93
43) Isopropyl Acetate	8.688	43	515391	54.665	ug/l #	77

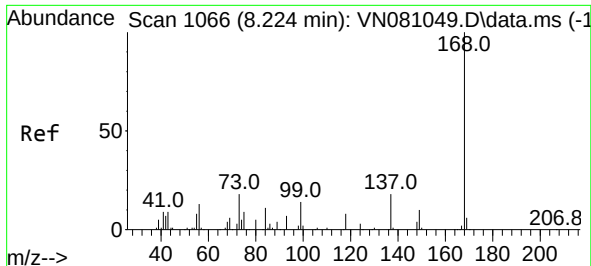
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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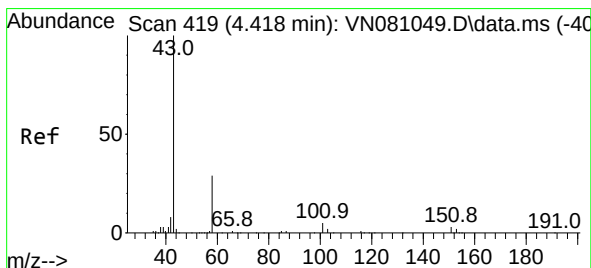
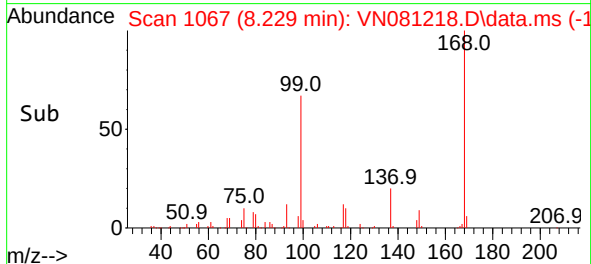
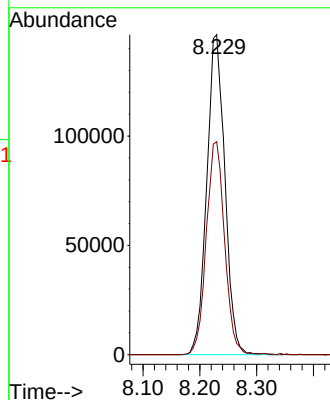
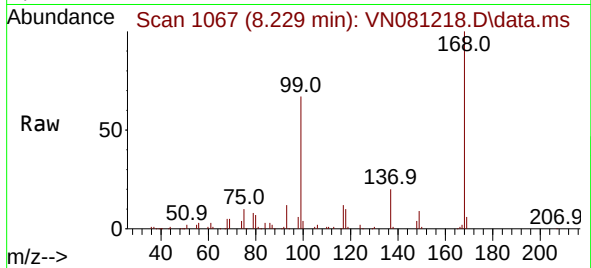




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081218.D
Acq: 27 Feb 2024 14:46

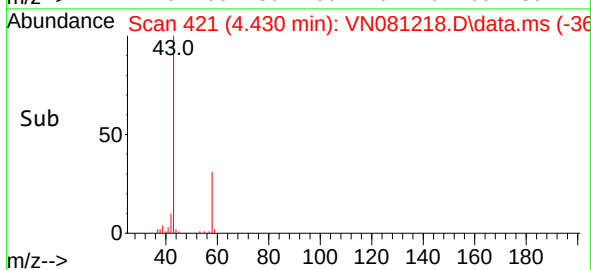
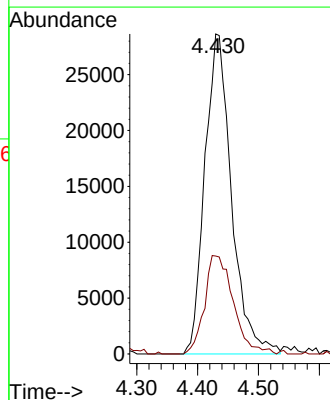
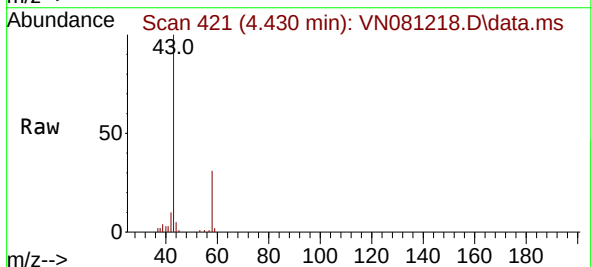
Instrument :
MSVOA_N
ClientSampleId :
VNJ-232

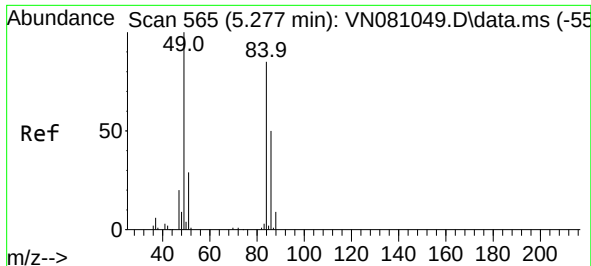
Tgt Ion:168 Resp: 323698
Ion Ratio Lower Upper
168 100
99 66.5 59.9 89.9



#16
Acetone
Concen: 55.850 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081218.D
Acq: 27 Feb 2024 14:46

Tgt Ion: 43 Resp: 87191
Ion Ratio Lower Upper
43 100
58 30.6 24.8 37.2

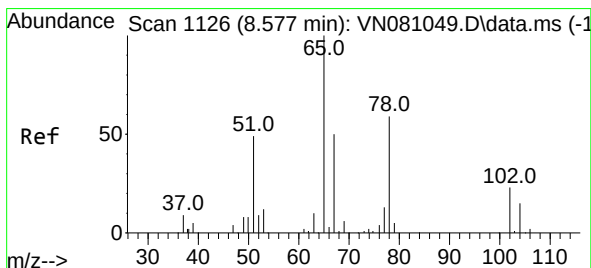
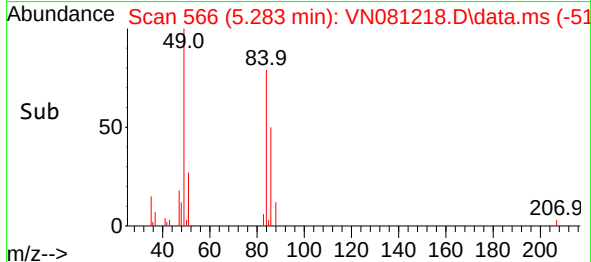
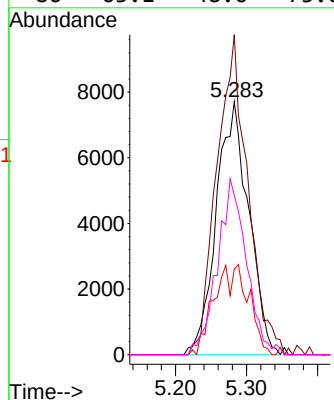
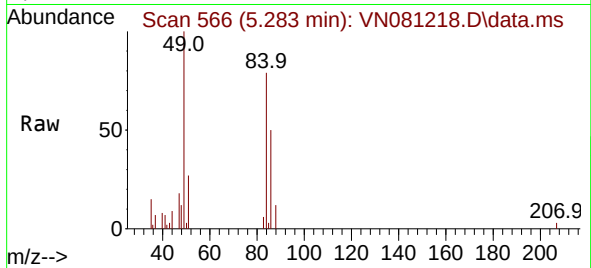




#20
Methylene Chloride
Concen: 5.231 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081218.D
Acq: 27 Feb 2024 14:46

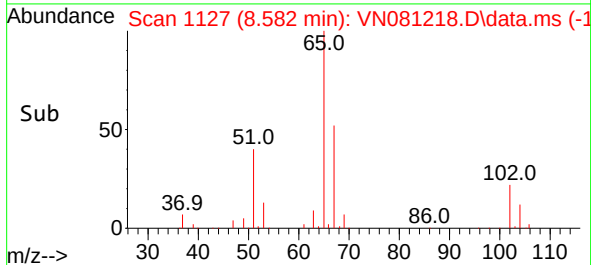
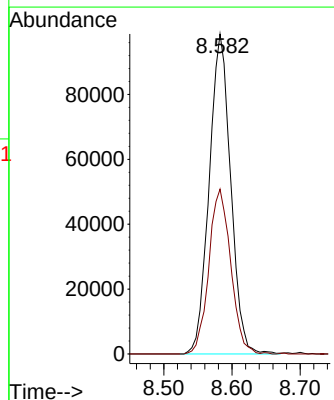
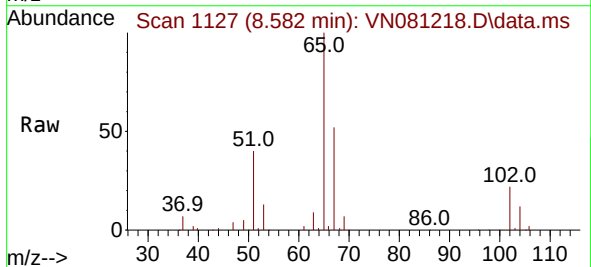
Instrument :
MSVOA_N
ClientSampleId :
VNJ-232

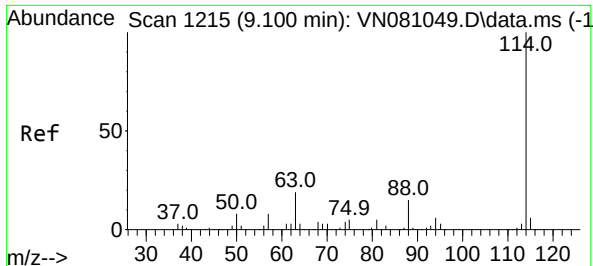
Tgt Ion:	84	Resp:	24488
Ion	Ratio	Lower	Upper
84	100		
49	126.5	108.1	162.1
51	33.8	32.9	49.3
86	63.1	48.6	73.0



#33
1,2-Dichloroethane-d4
Concen: 54.498 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081218.D
Acq: 27 Feb 2024 14:46

Tgt Ion:	65	Resp:	216226
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081218.D

Acq: 27 Feb 2024 14:46

Instrument :

MSVOA_N

ClientSampleId :

VNJ-232

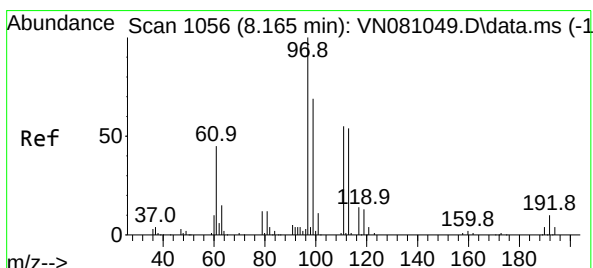
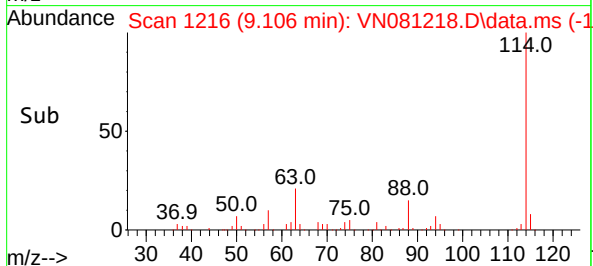
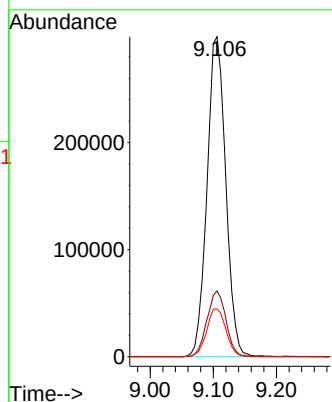
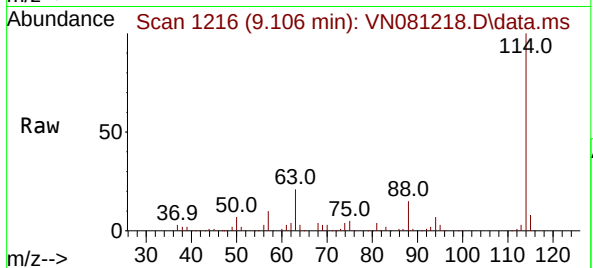
Tgt Ion:114 Resp: 616571

Ion Ratio Lower Upper

114 100

63 20.5 0.0 48.0

88 14.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.771 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081218.D

Acq: 27 Feb 2024 14:46

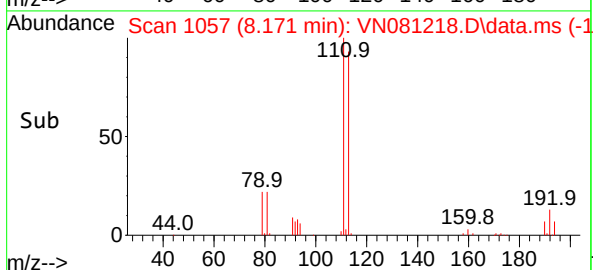
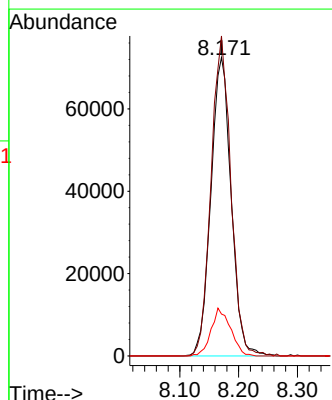
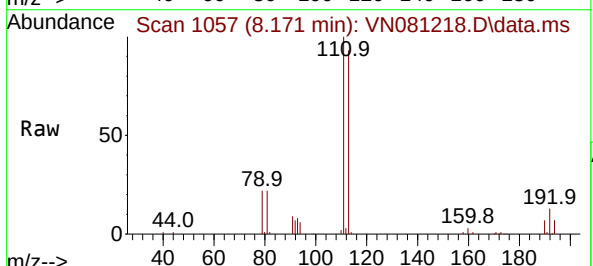
Tgt Ion:113 Resp: 173529

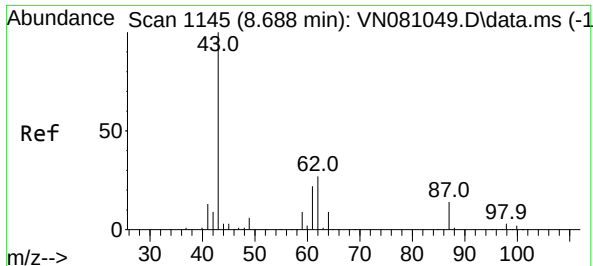
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 15.4 12.5 18.7

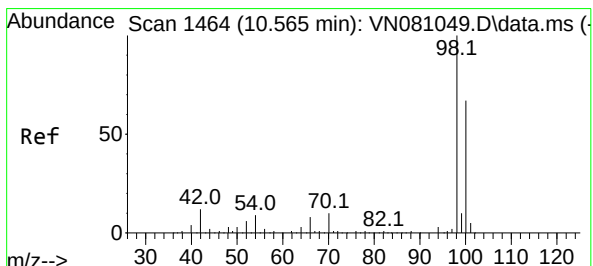
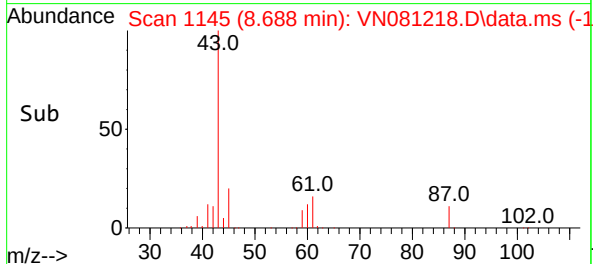
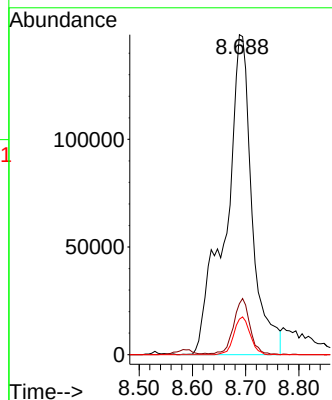
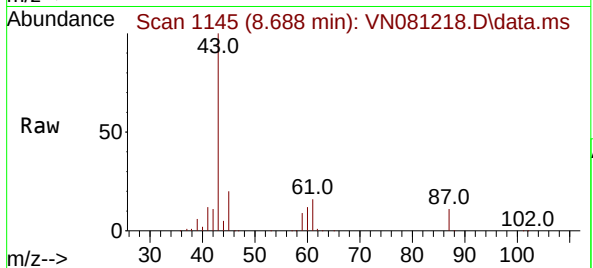




#43
Isopropyl Acetate
Concen: 54.665 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081218.D
Acq: 27 Feb 2024 14:46

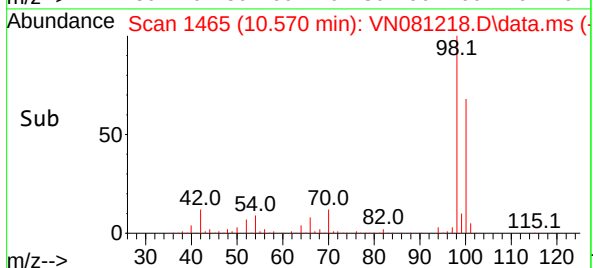
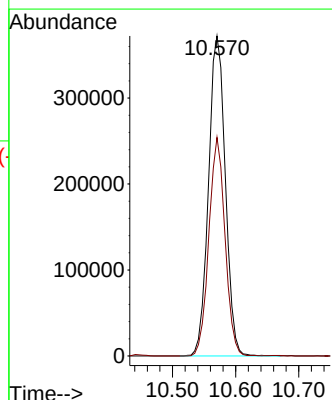
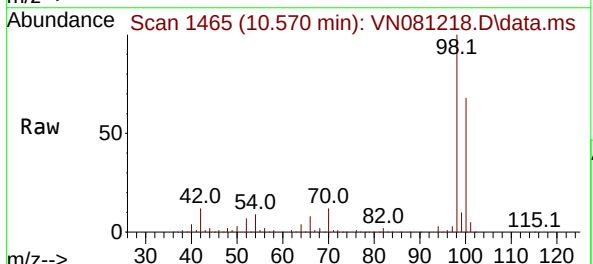
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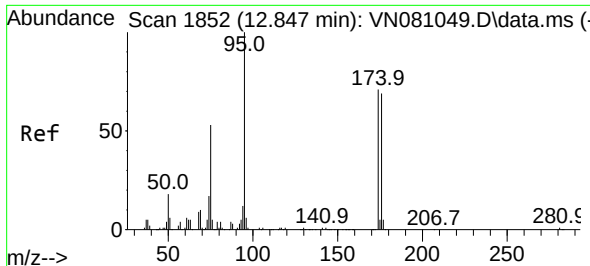
Tgt Ion: 43 Resp: 515391
Ion Ratio Lower Upper
43 100
61 10.9 19.9 29.9#
87 7.2 9.0 13.6#



#50
Toluene-d8
Concen: 55.623 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081218.D
Acq: 27 Feb 2024 14:46

Tgt Ion: 98 Resp: 688787
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.0

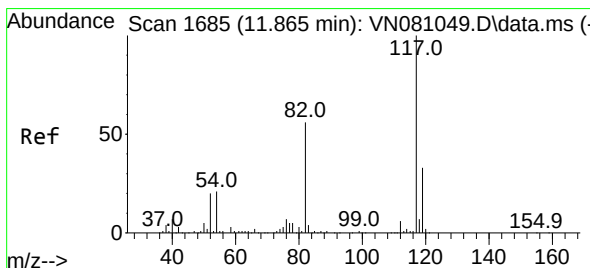
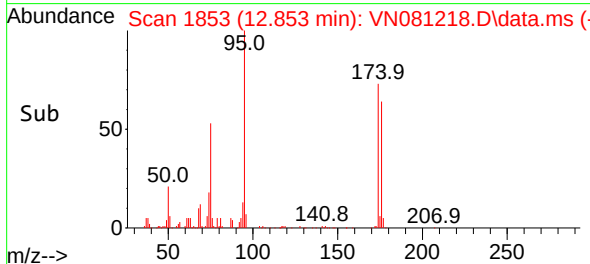
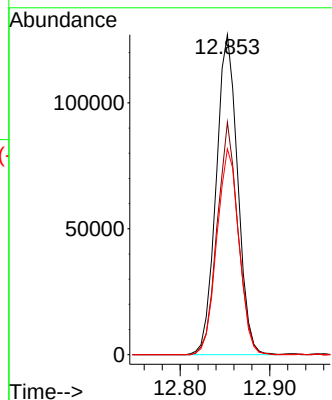
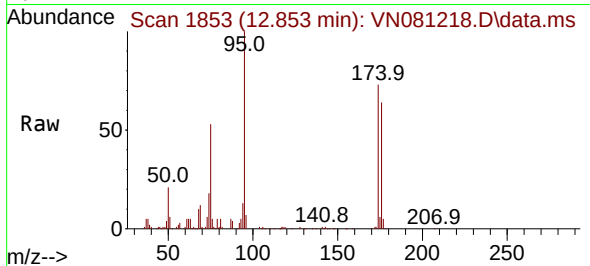




#62
4-Bromofluorobenzene
Concen: 45.517 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081218.D
Acq: 27 Feb 2024 14:46

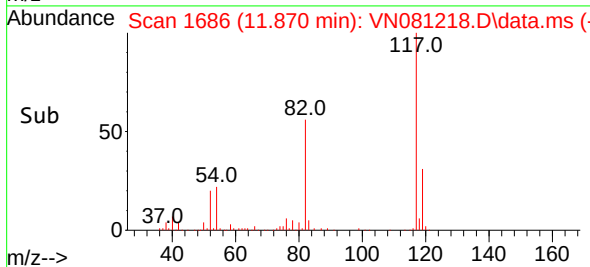
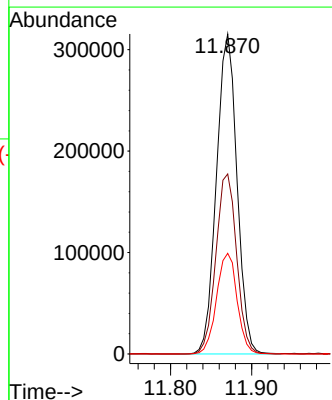
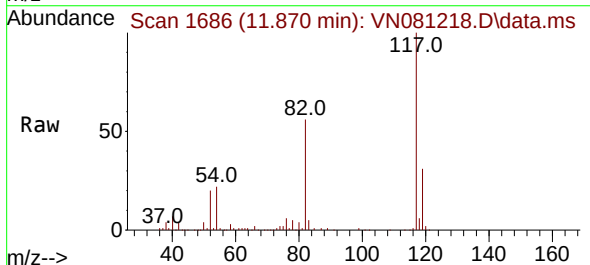
Instrument :
MSVOA_N
ClientSampleId :
VNJ-232

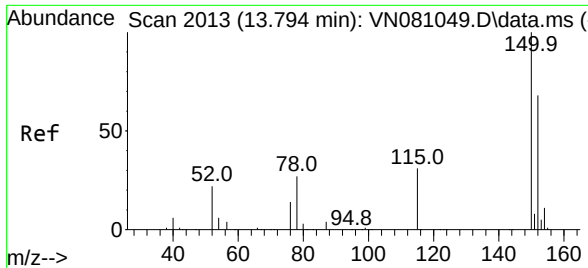
Tgt Ion: 95 Resp: 211790
Ion Ratio Lower Upper
95 100
174 70.4 0.0 120.4
176 65.9 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081218.D
Acq: 27 Feb 2024 14:46

Tgt Ion: 117 Resp: 555749
Ion Ratio Lower Upper
117 100
82 56.2 52.7 79.1
119 31.4 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081218.D
 Acq: 27 Feb 2024 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-232

Tgt Ion:152 Resp: 193066
 Ion Ratio Lower Upper
 152 100
 115 64.5 32.3 96.8
 150 156.8 0.0 339.8

