

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN081004.D
 Acq On : 12 Feb 2024 14:33
 Operator : JC\MD
 Sample : P1411-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11929

Quant Time: Feb 12 14:53:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

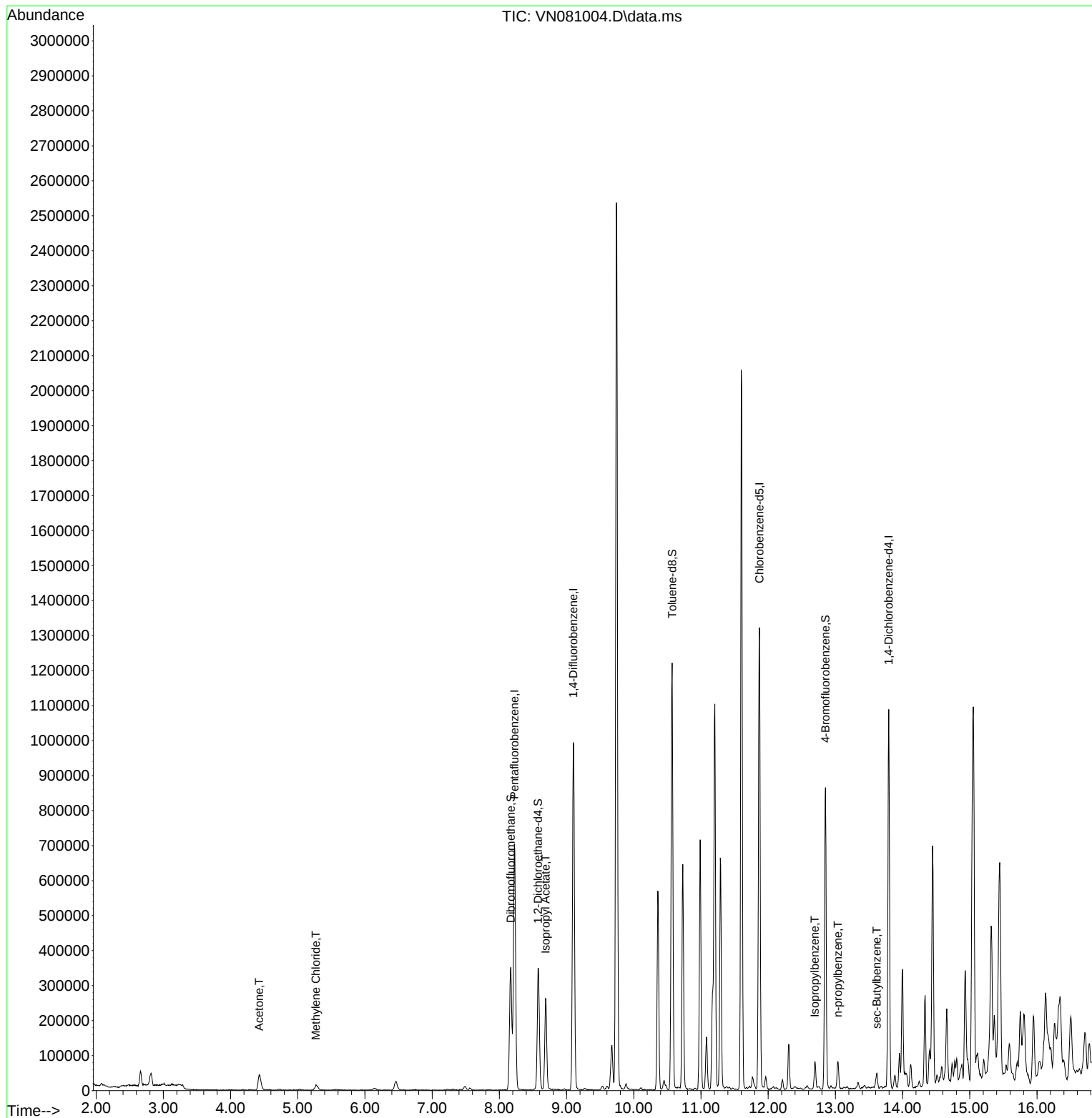
Internal Standards						
1) Pentafluorobenzene	8.224	168	540300	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	930310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	827059	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	288518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	276025	40.497	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.000%
35) Dibromofluoromethane	8.171	113	252178	50.516	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.040%
50) Toluene-d8	10.571	98	865611	47.938	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.880%
62) 4-Bromofluorobenzene	12.853	95	296082	45.138	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.280%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	83201	37.103	ug/l	94
20) Methylene Chloride	5.271	84	11389	1.676	ug/l	# 78
43) Isopropyl Acetate	8.688	43	280536	27.149	ug/l	# 90
73) Isopropylbenzene	12.694	105	51930	2.314	ug/l	94
78) n-propylbenzene	13.035	91	63445	2.504	ug/l	95
85) sec-Butylbenzene	13.618	105	26608	1.274	ug/l	# 75

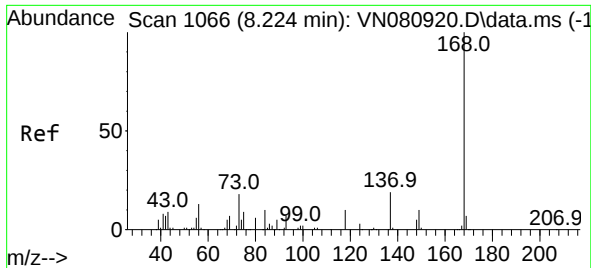
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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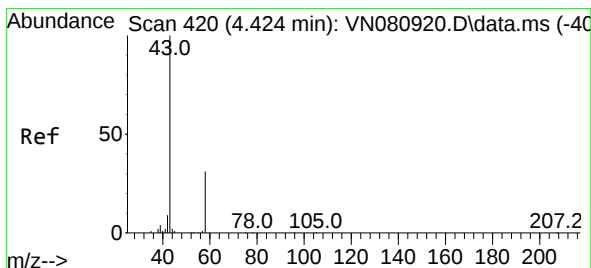
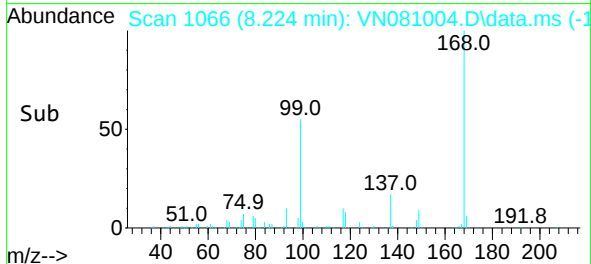
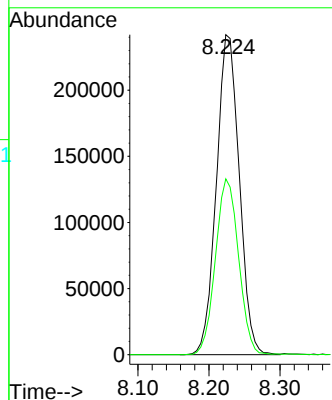
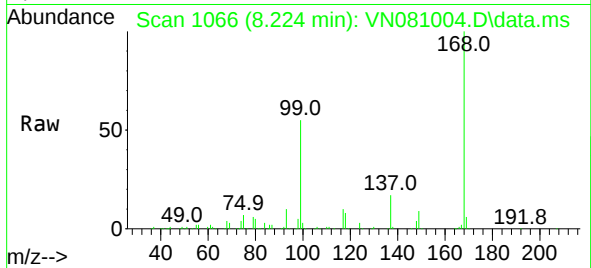




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081004.D
Acq: 12 Feb 2024 14:33

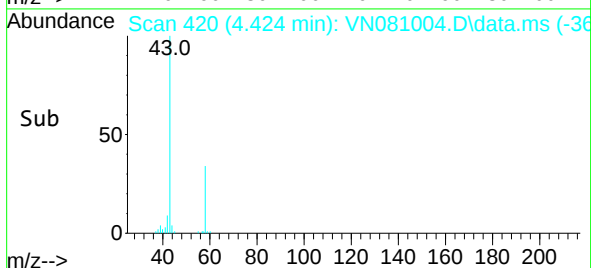
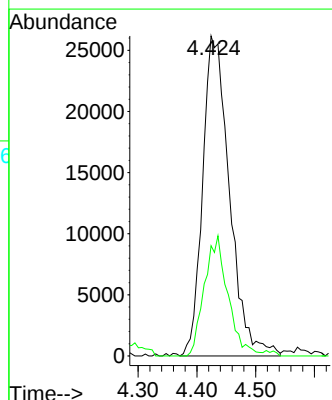
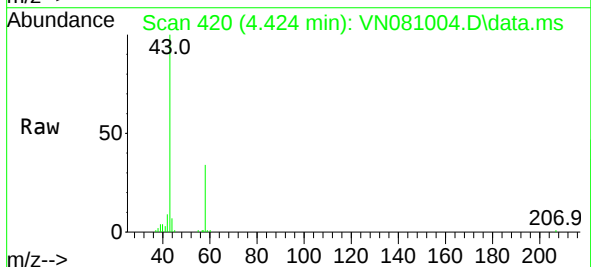
Instrument :
MSVOA_N
ClientSampleId :
72-11929

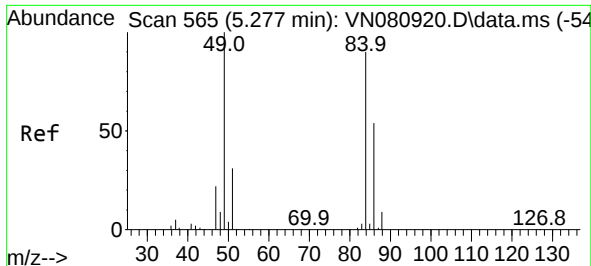
Tgt Ion:168 Resp: 540300
Ion Ratio Lower Upper
168 100
99 54.9 59.9 89.9#



#16
Acetone
Concen: 37.103 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081004.D
Acq: 12 Feb 2024 14:33

Tgt Ion: 43 Resp: 83201
Ion Ratio Lower Upper
43 100
58 34.4 24.8 37.2

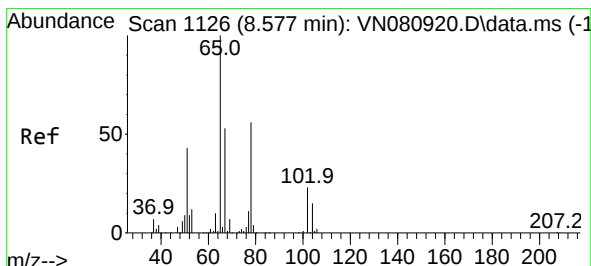
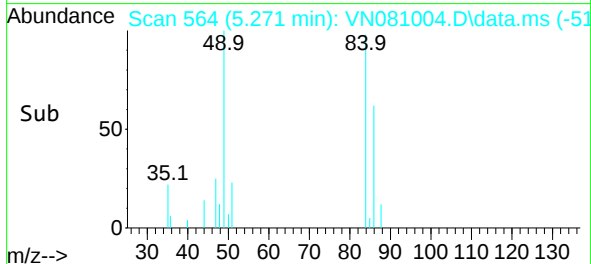
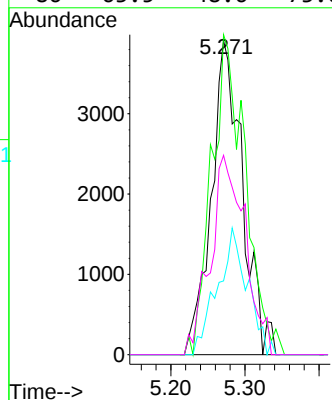
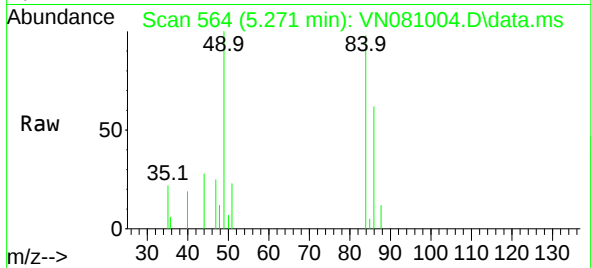




#20
Methylene Chloride
Concen: 1.676 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN081004.D
Acq: 12 Feb 2024 14:33

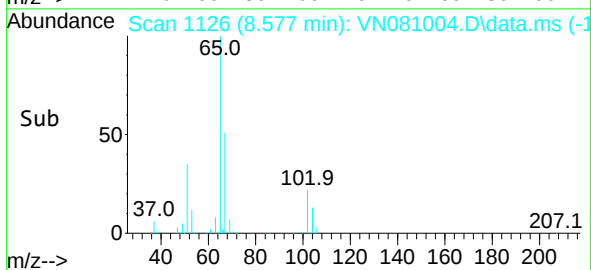
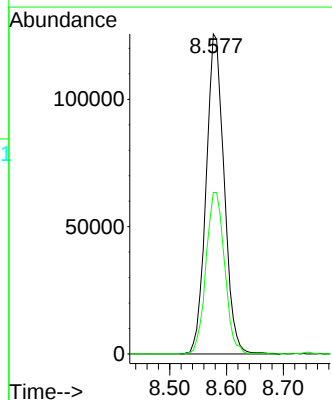
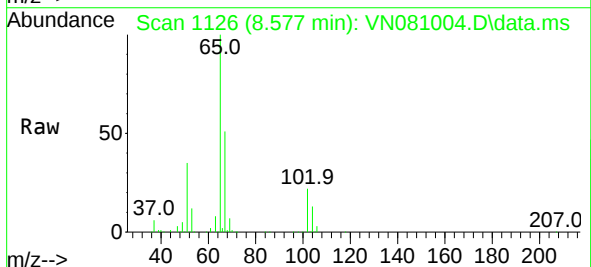
Instrument :
MSVOA_N
ClientSampleId :
72-11929

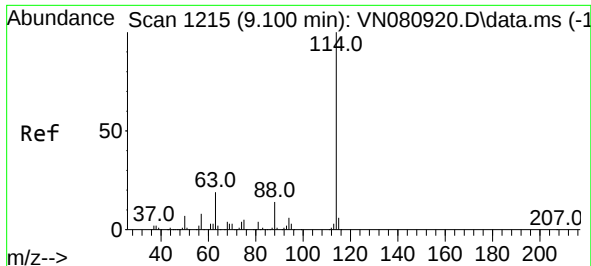
Tgt Ion: 84 Resp: 11389
Ion Ratio Lower Upper
84 100
49 101.8 108.1 162.1#
51 23.5 32.9 49.3#
86 63.5 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 40.497 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081004.D
Acq: 12 Feb 2024 14:33

Tgt Ion: 65 Resp: 276025
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081004.D

Acq: 12 Feb 2024 14:33

Instrument :

MSVOA_N

ClientSampleId :

72-11929

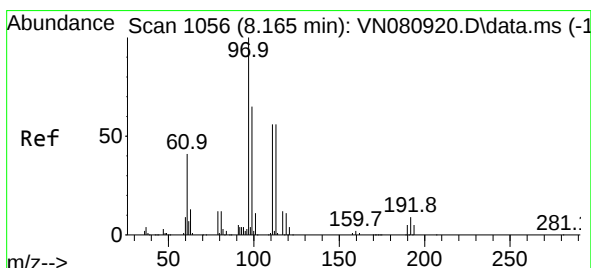
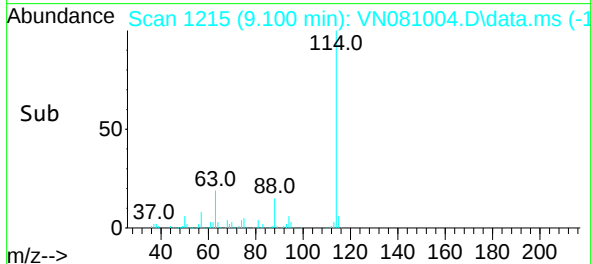
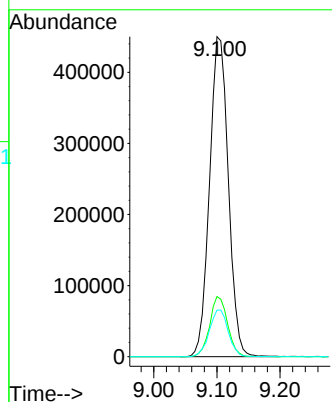
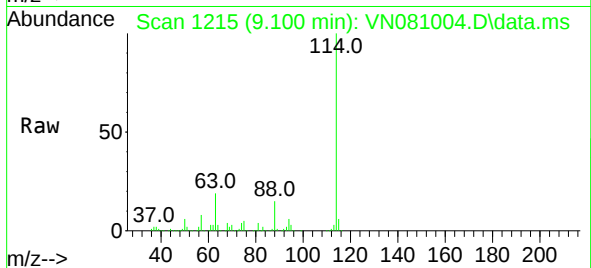
Tgt Ion:114 Resp: 930310

Ion Ratio Lower Upper

114 100

63 18.8 0.0 48.0

88 14.5 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.516 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081004.D

Acq: 12 Feb 2024 14:33

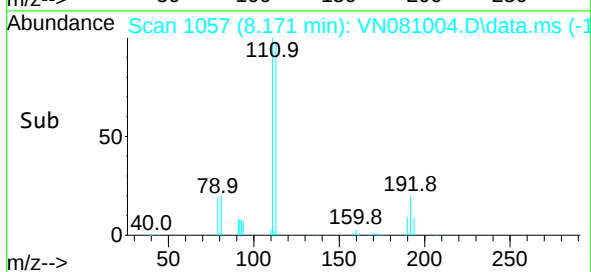
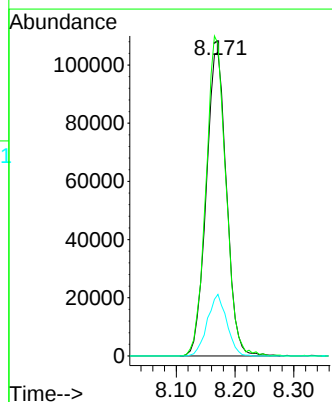
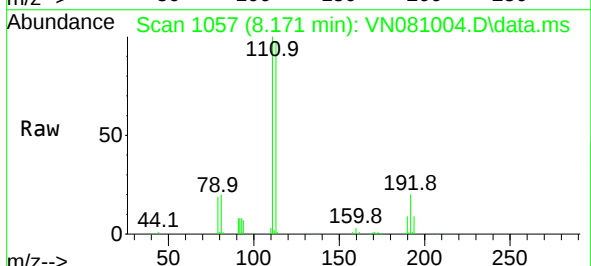
Tgt Ion:113 Resp: 252178

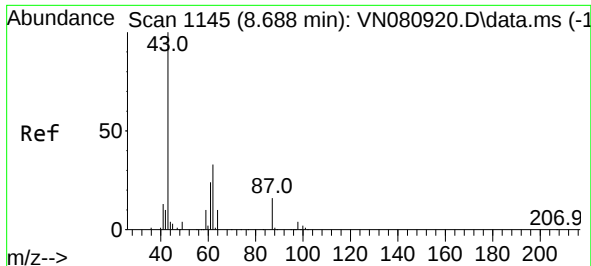
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

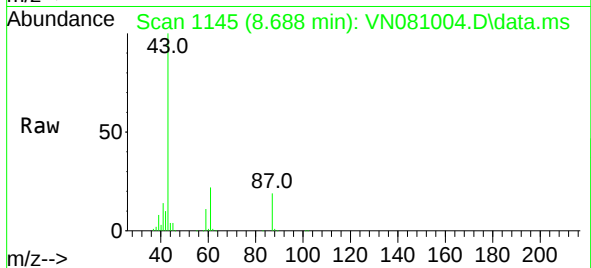
192 19.3 12.5 18.7#



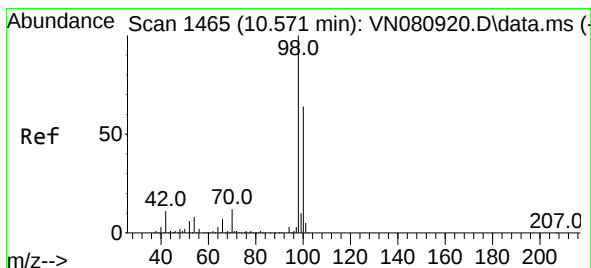
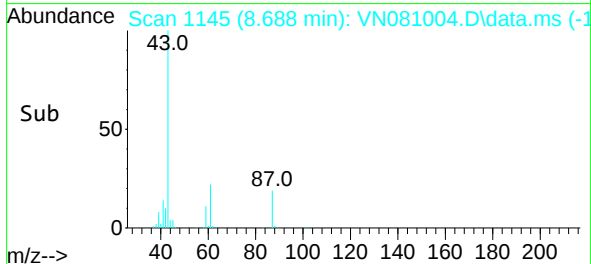
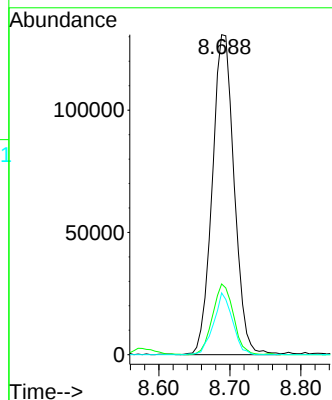


#43
Isopropyl Acetate
Concen: 27.149 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081004.D
Acq: 12 Feb 2024 14:33

Instrument :
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72-11929

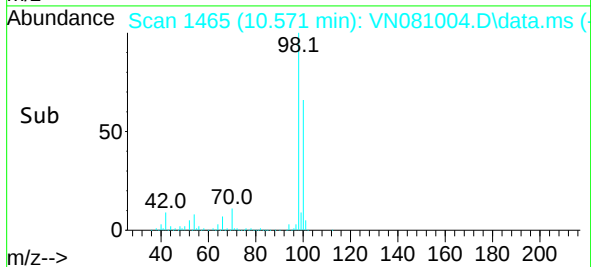
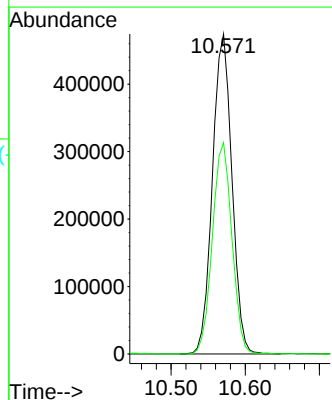
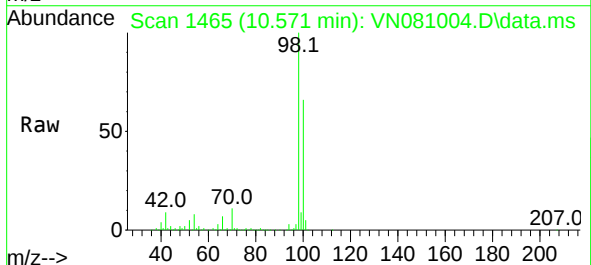


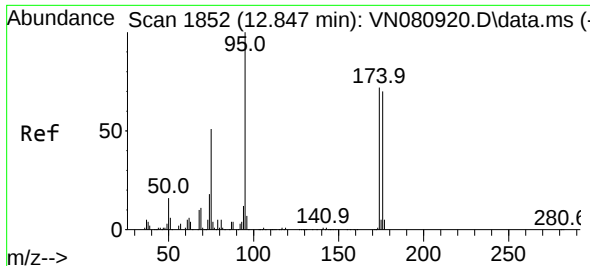
Tgt Ion: 43 Resp: 280536
Ion Ratio Lower Upper
43 100
61 21.0 19.9 29.9
87 16.6 9.0 13.6#



#50
Toluene-d8
Concen: 47.938 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081004.D
Acq: 12 Feb 2024 14:33

Tgt Ion: 98 Resp: 865611
Ion Ratio Lower Upper
98 100
100 66.3 51.4 77.0

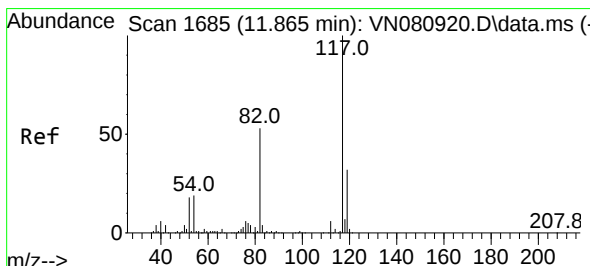
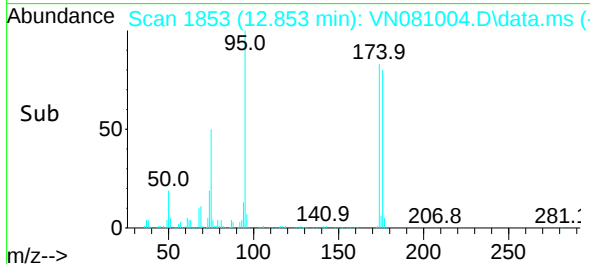
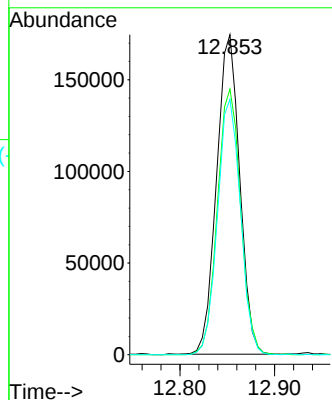
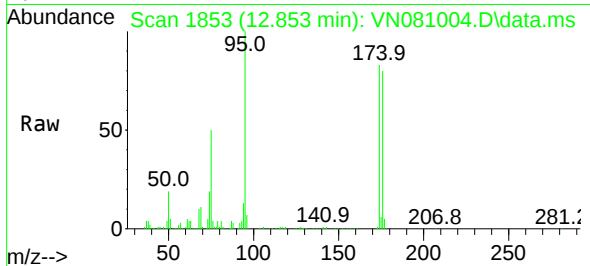




#62
4-Bromofluorobenzene
Concen: 45.138 ug/l
RT: 12.853 min Scan# 11853
Delta R.T. 0.006 min
Lab File: VN081004.D
Acq: 12 Feb 2024 14:33

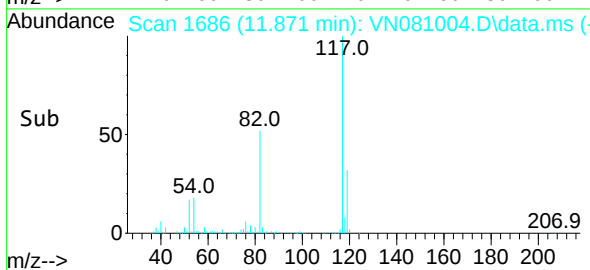
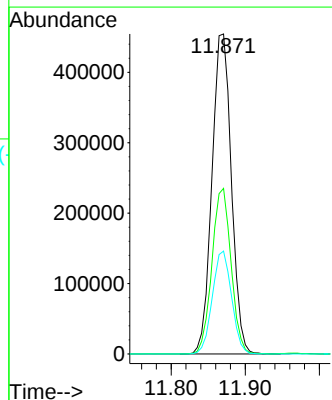
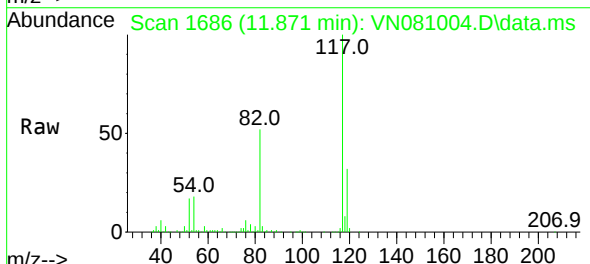
Instrument :
MSVOA_N
ClientSampleId :
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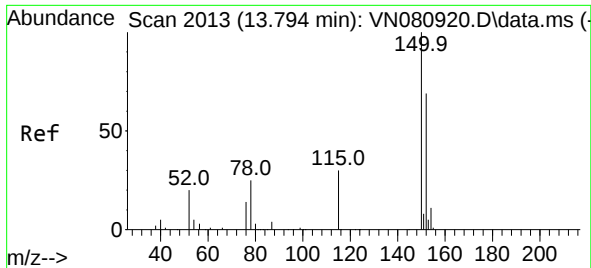
Tgt Ion: 95 Resp: 296082
Ion Ratio Lower Upper
95 100
174 83.6 0.0 120.4
176 79.4 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081004.D
Acq: 12 Feb 2024 14:33

Tgt Ion: 117 Resp: 827059
Ion Ratio Lower Upper
117 100
82 51.7 52.7 79.1#
119 32.2 25.3 37.9

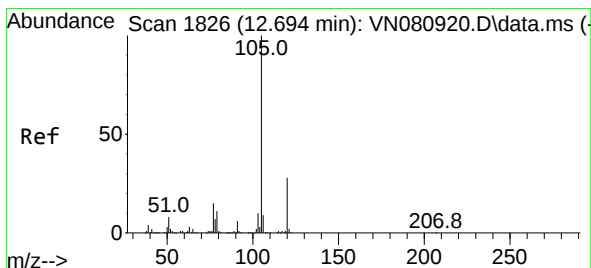
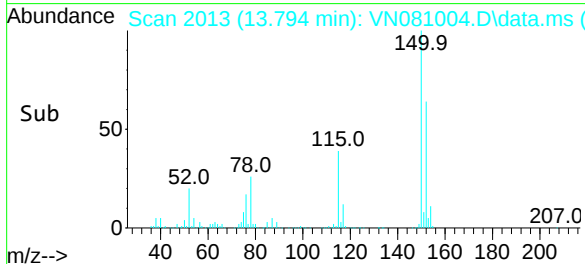
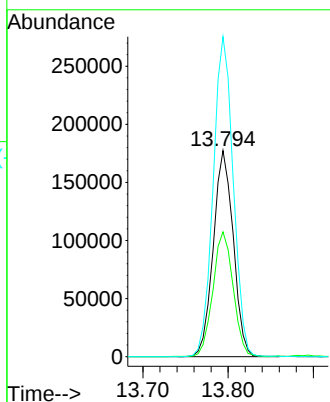
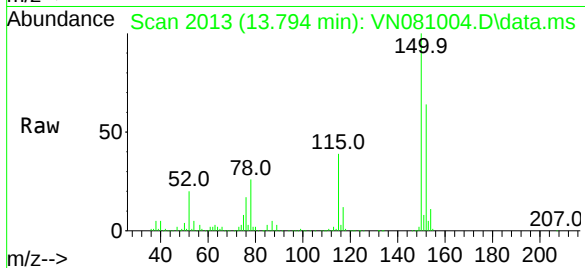




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081004.D
Acq: 12 Feb 2024 14:33

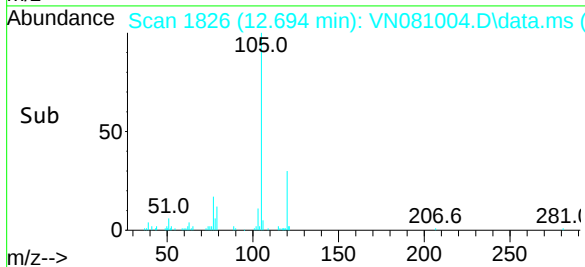
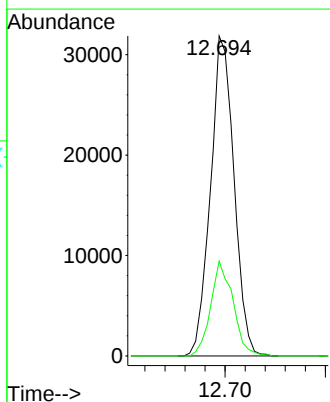
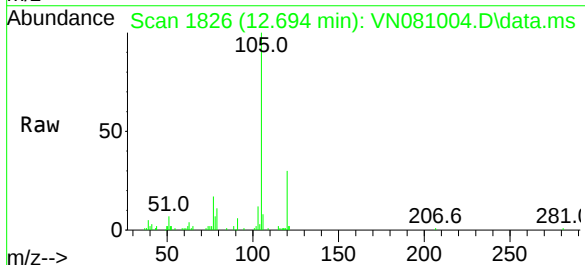
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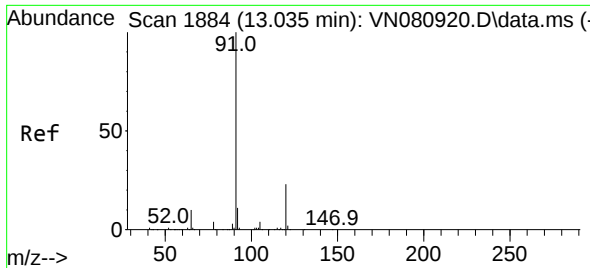
Tgt Ion:152 Resp: 288518
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 156.0 0.0 339.8



#73
Isopropylbenzene
Concen: 2.314 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN081004.D
Acq: 12 Feb 2024 14:33

Tgt Ion:105 Resp: 51930
Ion Ratio Lower Upper
105 100
120 28.2 12.6 37.6

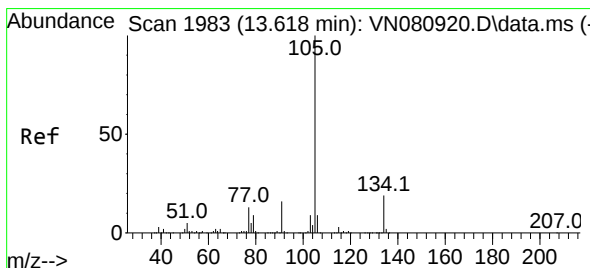
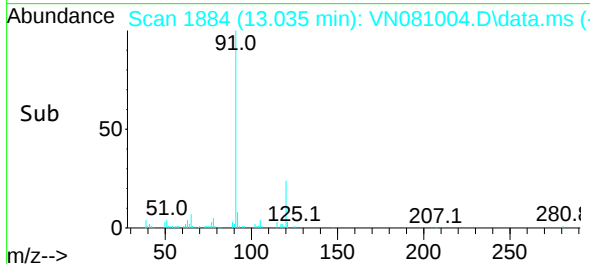
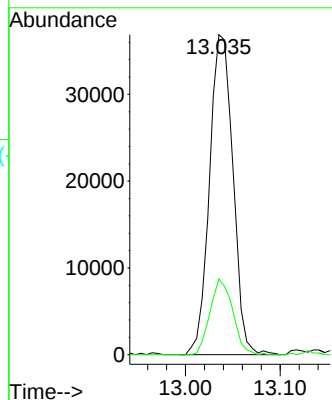
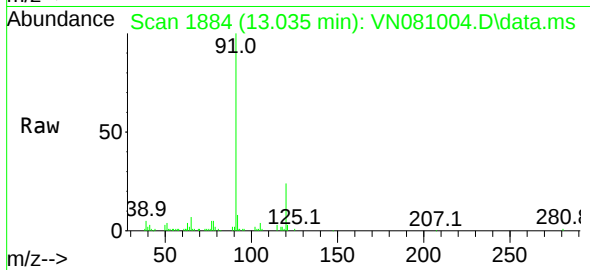




#78
n-propylbenzene
Concen: 2.504 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081004.D
Acq: 12 Feb 2024 14:33

Instrument :
MSVOA_N
ClientSampleId :
72-11929

Tgt Ion: 91 Resp: 63445
Ion Ratio Lower Upper
91 100
120 22.9 10.3 30.9



#85
sec-Butylbenzene
Concen: 1.274 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN081004.D
Acq: 12 Feb 2024 14:33

Tgt Ion: 105 Resp: 26608
Ion Ratio Lower Upper
105 100
134 28.1 8.6 25.8#

