

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076020.D
 Acq On : 29 Dec 2022 00:07
 Operator : JC\MD
 Sample : PB149923ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149923ZHE#01

Quant Time: Dec 29 07:48:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

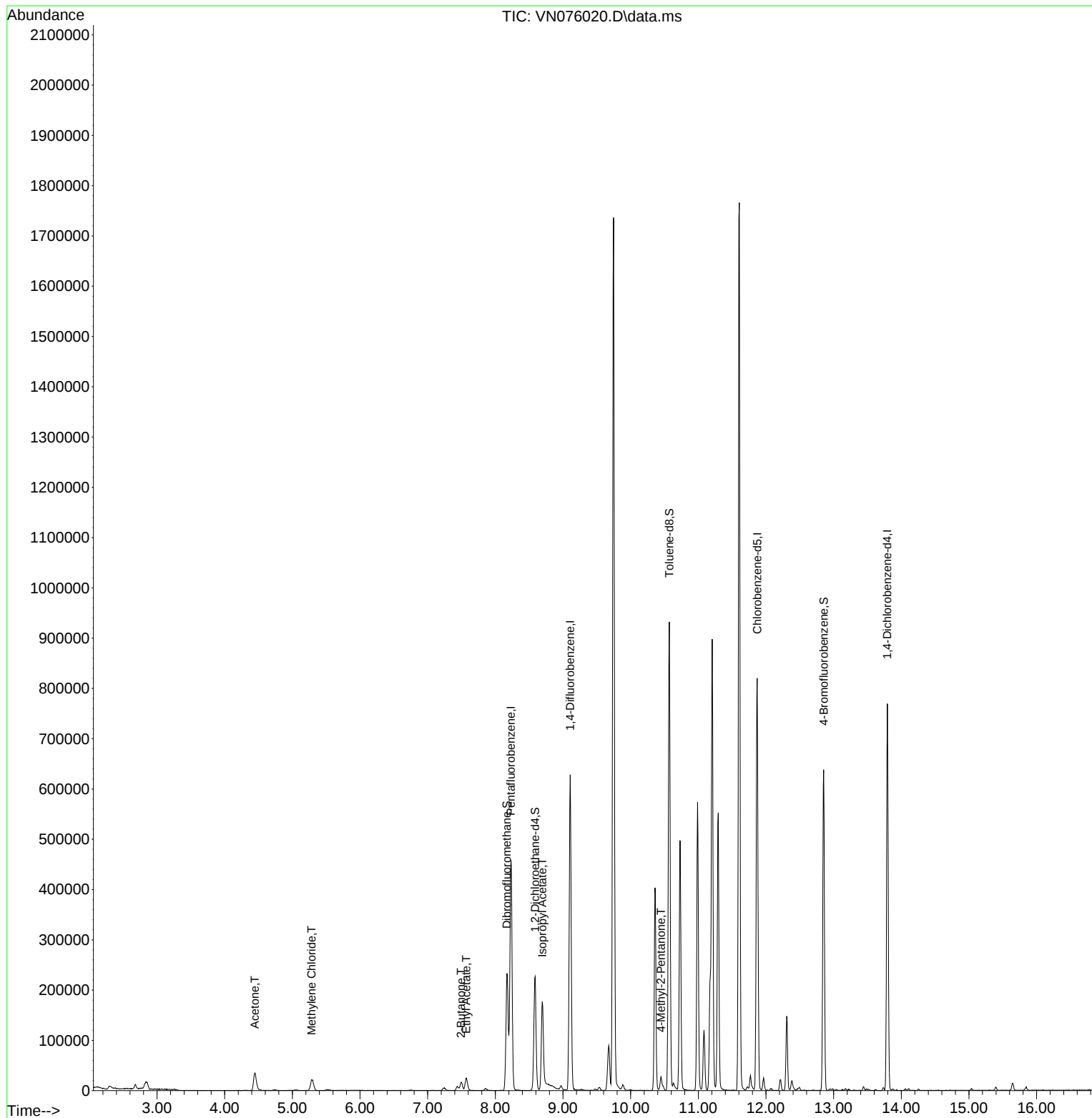
Internal Standards						
1) Pentafluorobenzene	8.230	168	364723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	574456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	506907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	220535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	182964	46.112	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	92.220%	
35) Dibromofluoromethane	8.171	113	167735	47.149	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.300%	
50) Toluene-d8	10.571	98	661607	49.740	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	99.480%	
62) 4-Bromofluorobenzene	12.853	95	214198	48.621	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	97.240%	
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	66489	48.610	ug/l	98
20) Methylene Chloride	5.283	84	19755	4.820	ug/l #	93
25) 2-Butanone	7.494	43	25422	13.274	ug/l	98
37) Ethyl Acetate	7.571	43	35518	9.357	ug/l	98
43) Isopropyl Acetate	8.694	43	202779	32.384	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	22801	6.021	ug/l #	77

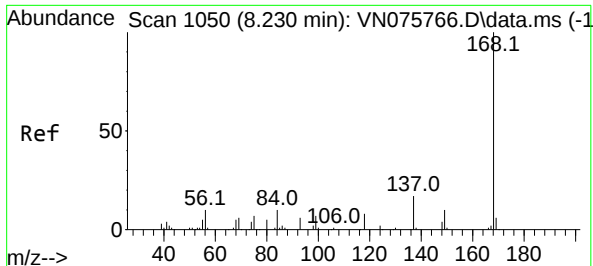
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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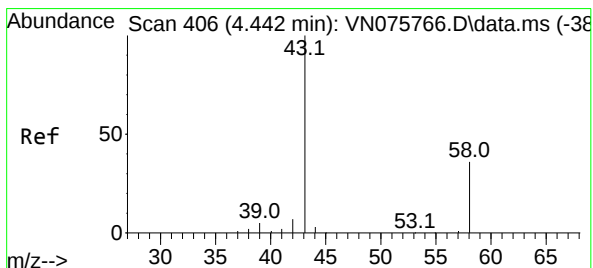
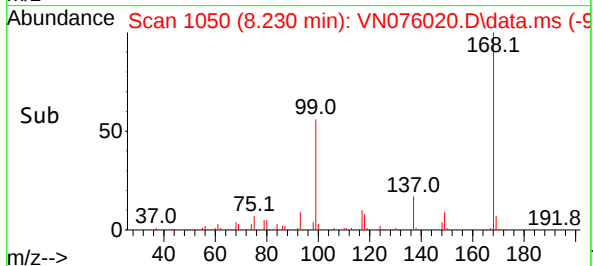
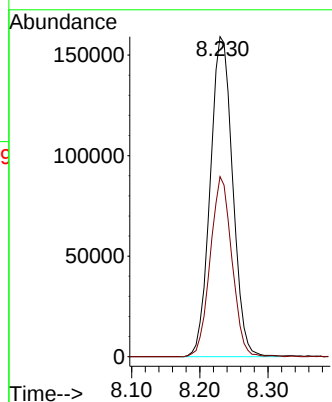
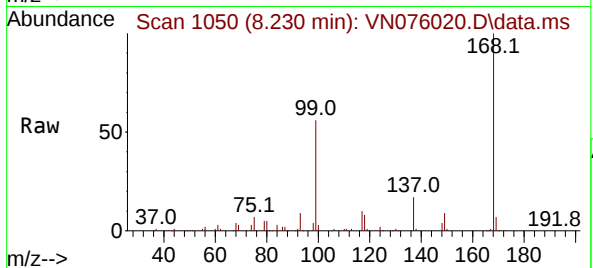




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076020.D
Acq: 29 Dec 2022 00:07

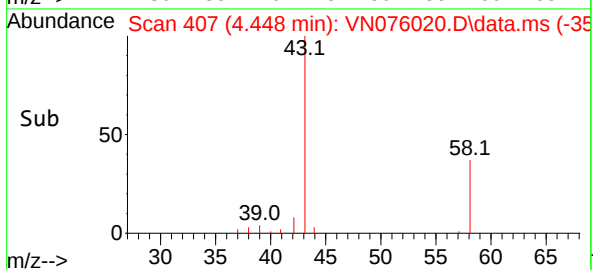
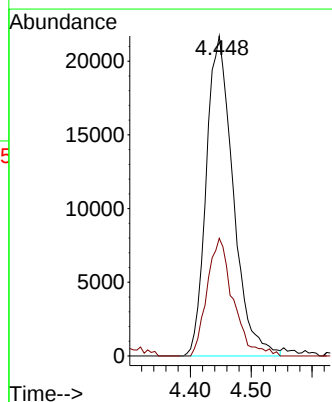
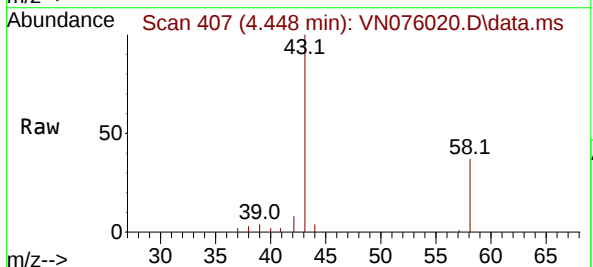
Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#01

Tgt Ion:168 Resp: 364723
Ion Ratio Lower Upper
168 100
99 56.3 44.2 66.4



#16
Acetone
Concen: 48.610 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076020.D
Acq: 29 Dec 2022 00:07

Tgt Ion: 43 Resp: 66489
Ion Ratio Lower Upper
43 100
58 36.8 28.6 43.0

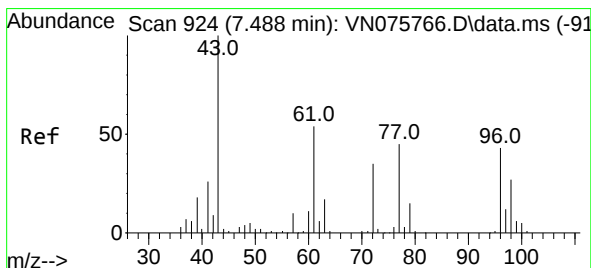
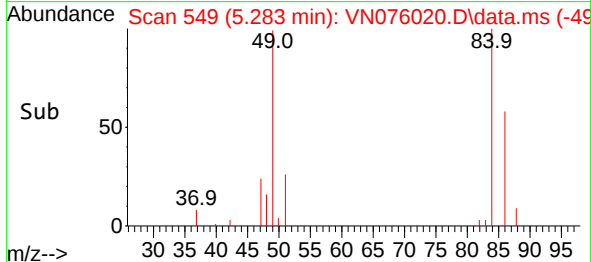
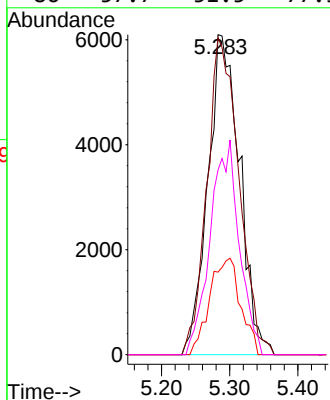
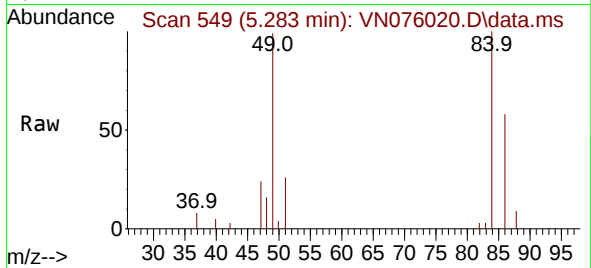




#20
Methylene Chloride
Concen: 4.820 ug/l
RT: 5.283 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN076020.D
Acq: 29 Dec 2022 00:07

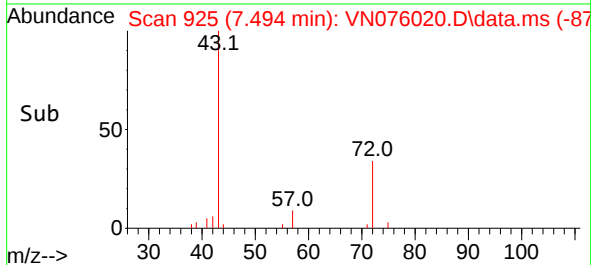
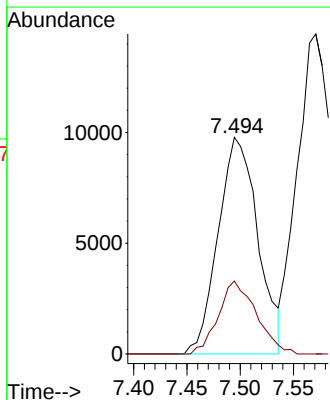
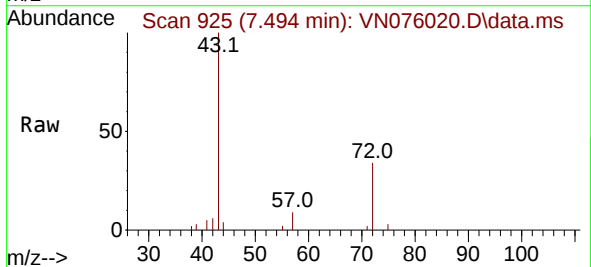
Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#01

Tgt Ion: 84	Resp: 19755
Ion Ratio	Lower Upper
84 100	
49 99.0	81.8 122.6
51 25.8	26.7 40.1#
86 57.7	51.5 77.3



#25
2-Butanone
Concen: 13.274 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.006 min
Lab File: VN076020.D
Acq: 29 Dec 2022 00:07

Tgt Ion: 43	Resp: 25422
Ion Ratio	Lower Upper
43 100	
72 33.7	28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 46.112 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076020.D

Acq: 29 Dec 2022 00:07

Instrument :

MSVOA_N

ClientSampleId :

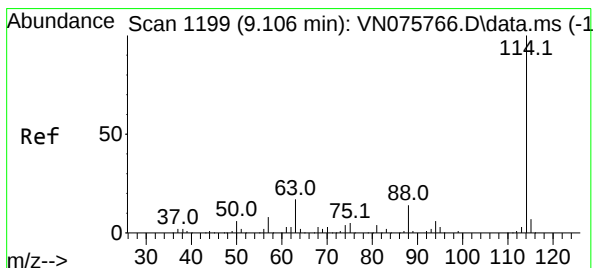
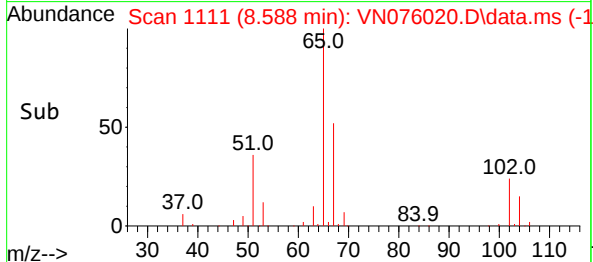
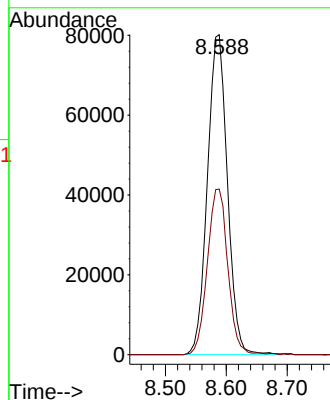
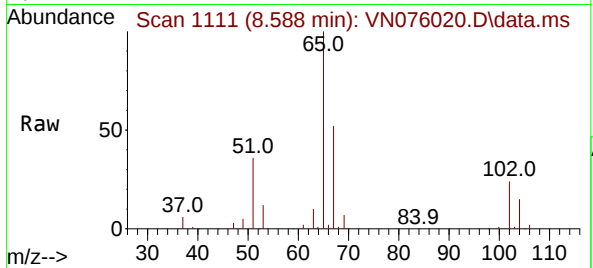
PB149923ZHE#01

Tgt Ion: 65 Resp: 182964

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076020.D

Acq: 29 Dec 2022 00:07

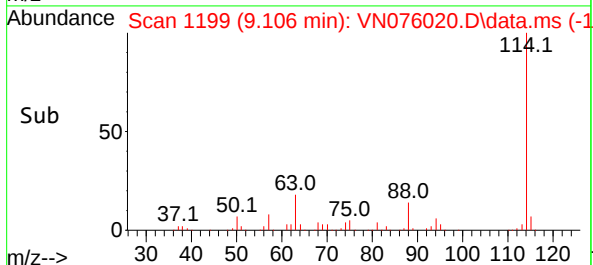
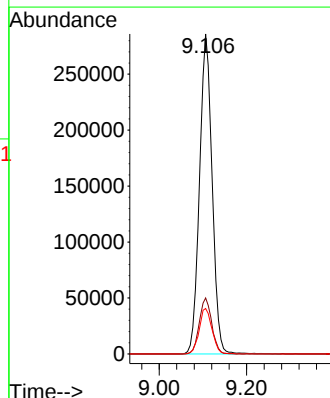
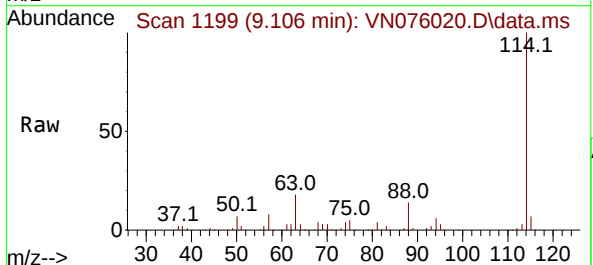
Tgt Ion: 114 Resp: 574456

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 14.2 0.0 28.8

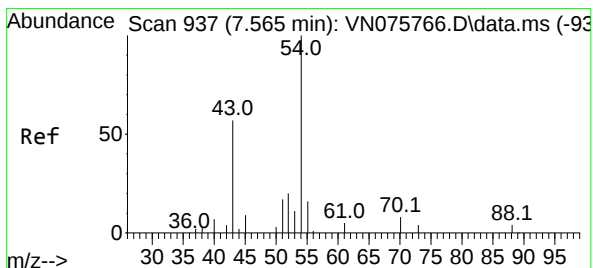
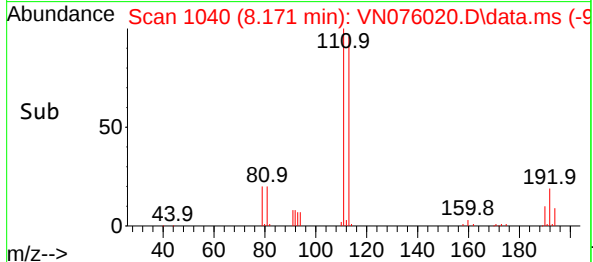
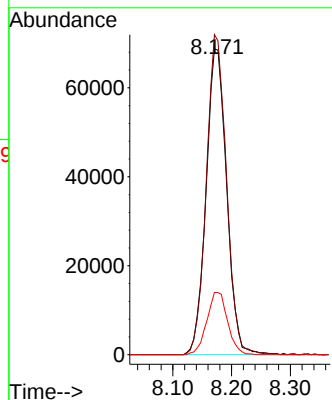
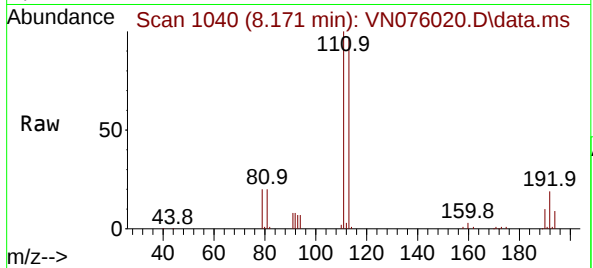




#35
Dibromofluoromethane
Concen: 47.149 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN076020.D
Acq: 29 Dec 2022 00:07

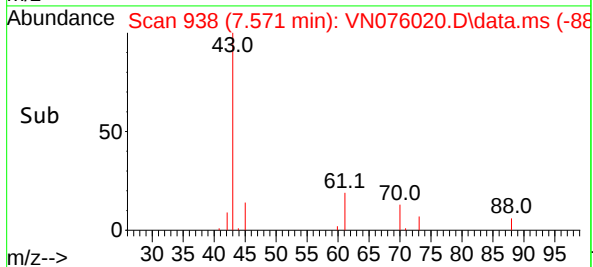
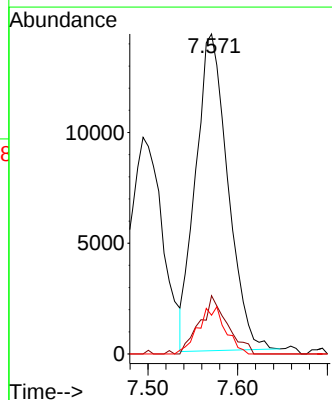
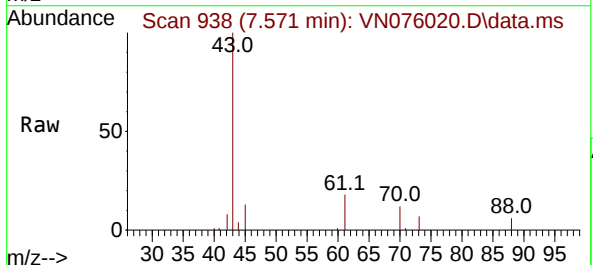
Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#01

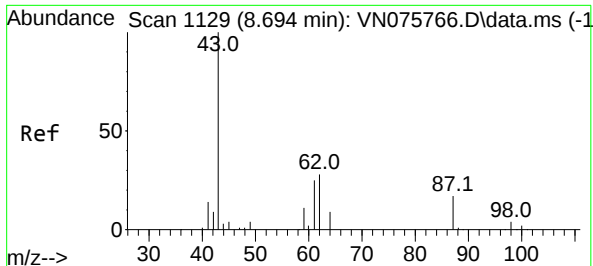
Tgt Ion:113 Resp: 167735
Ion Ratio Lower Upper
113 100
111 102.5 83.4 125.2
192 20.5 16.1 24.1



#37
Ethyl Acetate
Concen: 9.357 ug/l
RT: 7.571 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN076020.D
Acq: 29 Dec 2022 00:07

Tgt Ion: 43 Resp: 35518
Ion Ratio Lower Upper
43 100
61 15.9 13.0 19.4
70 12.7 9.4 14.0





#43

Isopropyl Acetate

Concen: 32.384 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076020.D

Acq: 29 Dec 2022 00:07

Instrument :

MSVOA_N

ClientSampleId :

PB149923ZHE#01

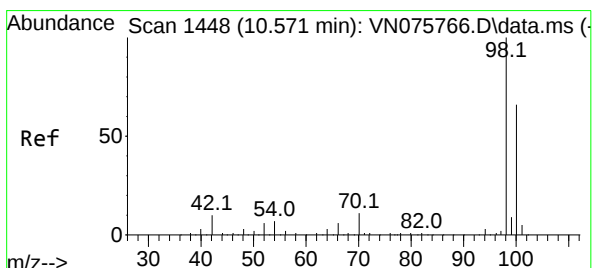
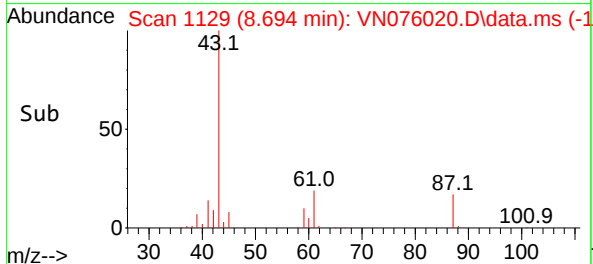
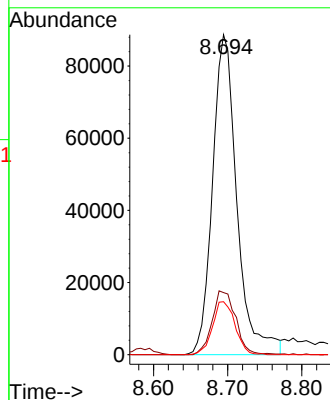
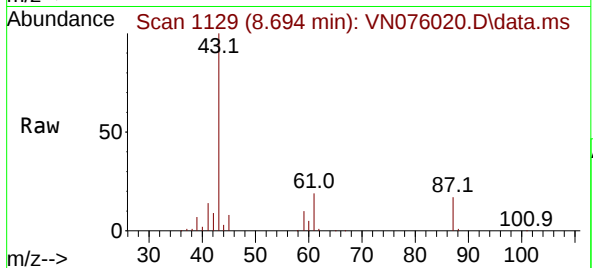
Tgt Ion: 43 Resp: 202779

Ion Ratio Lower Upper

43 100

61 19.3 24.2 36.4#

87 15.3 13.3 19.9



#50

Toluene-d8

Concen: 49.740 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076020.D

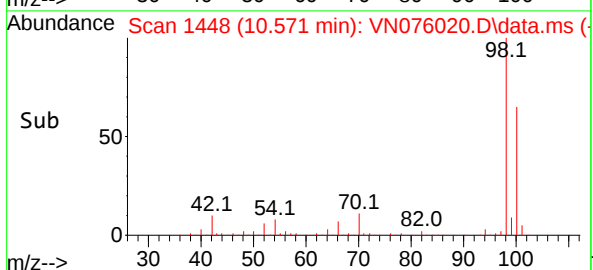
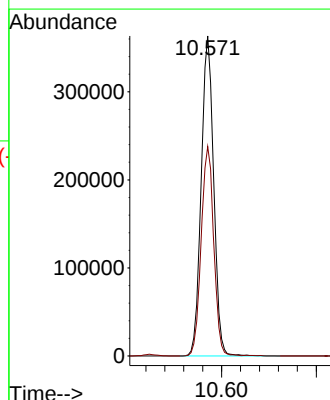
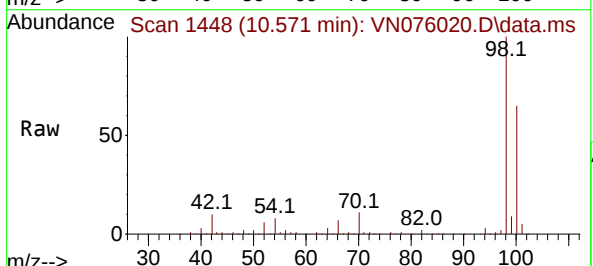
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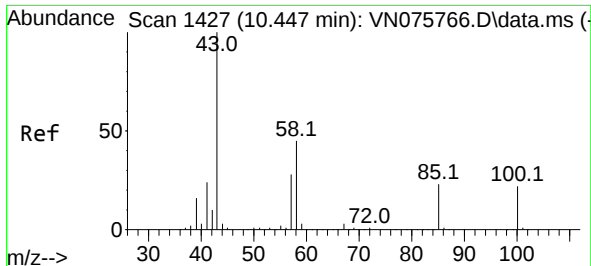
Tgt Ion: 98 Resp: 661607

Ion Ratio Lower Upper

98 100

100 65.9 52.1 78.1

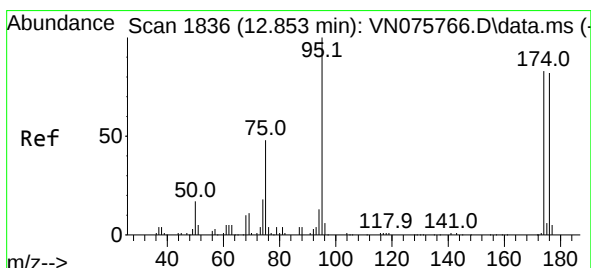
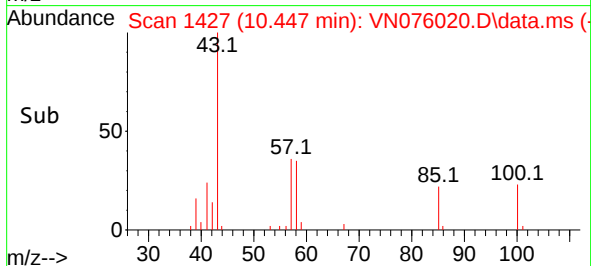
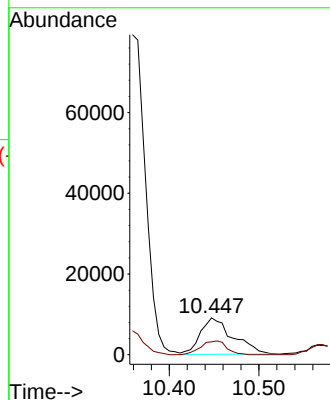
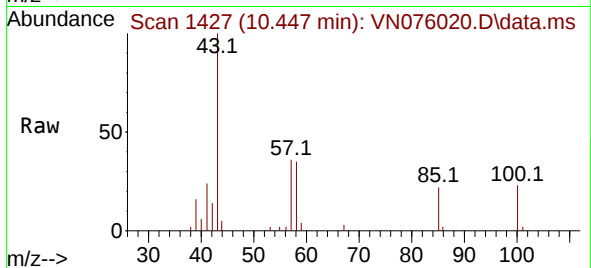




#51
4-Methyl-2-Pentanone
Concen: 6.021 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076020.D
Acq: 29 Dec 2022 00:07

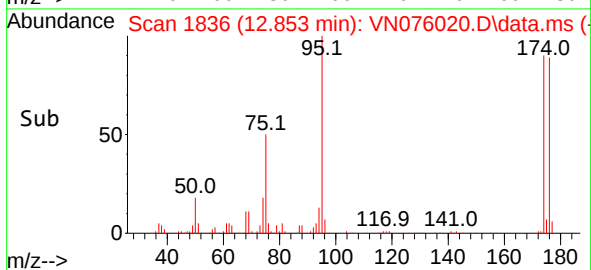
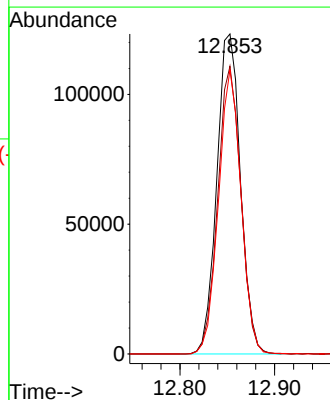
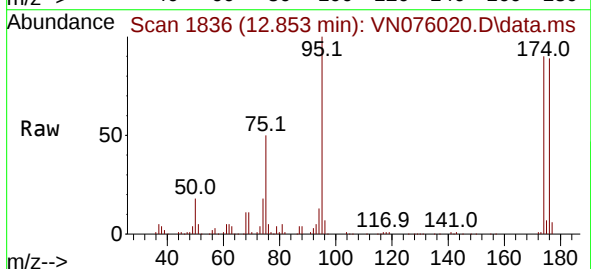
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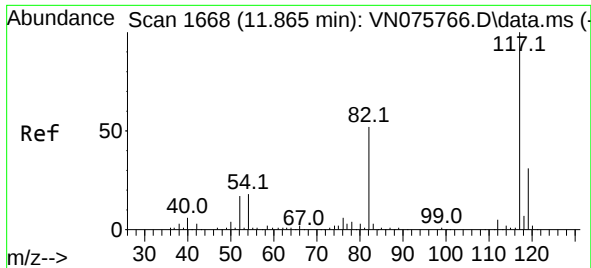
Tgt Ion: 43 Resp: 22801
Ion Ratio Lower Upper
43 100
58 29.8 35.5 53.3#



#62
4-Bromofluorobenzene
Concen: 48.621 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076020.D
Acq: 29 Dec 2022 00:07

Tgt Ion: 95 Resp: 214198
Ion Ratio Lower Upper
95 100
174 87.9 0.0 171.6
176 84.6 0.0 169.2

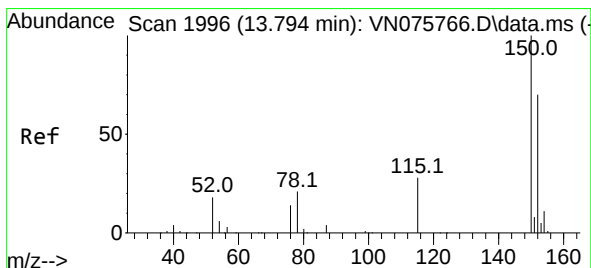
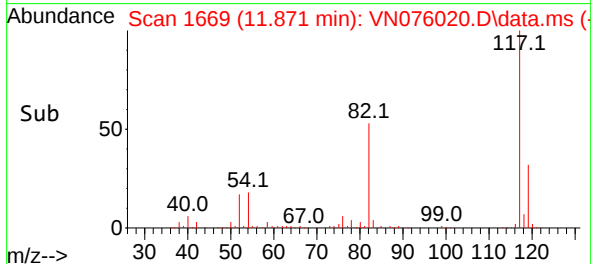
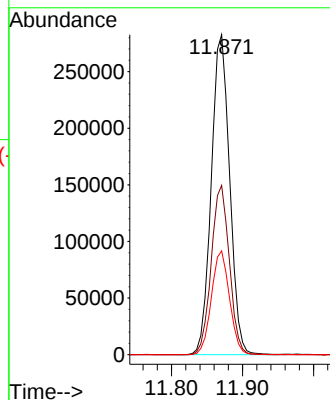
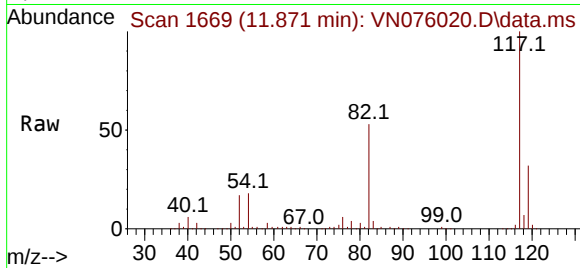




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076020.D
Acq: 29 Dec 2022 00:07

Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#01

Tgt Ion:117 Resp: 506907
Ion Ratio Lower Upper
117 100
82 52.9 41.3 61.9
119 32.5 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076020.D
Acq: 29 Dec 2022 00:07

Tgt Ion:152 Resp: 220535
Ion Ratio Lower Upper
152 100
115 57.3 29.1 87.4
150 154.7 0.0 347.0

