

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
 Data File : VN076081.D
 Acq On : 04 Jan 2023 15:05
 Operator : JC\MD
 Sample : PB150013ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150013ZHE#02

Quant Time: Jan 05 01:24:00 2023
 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)

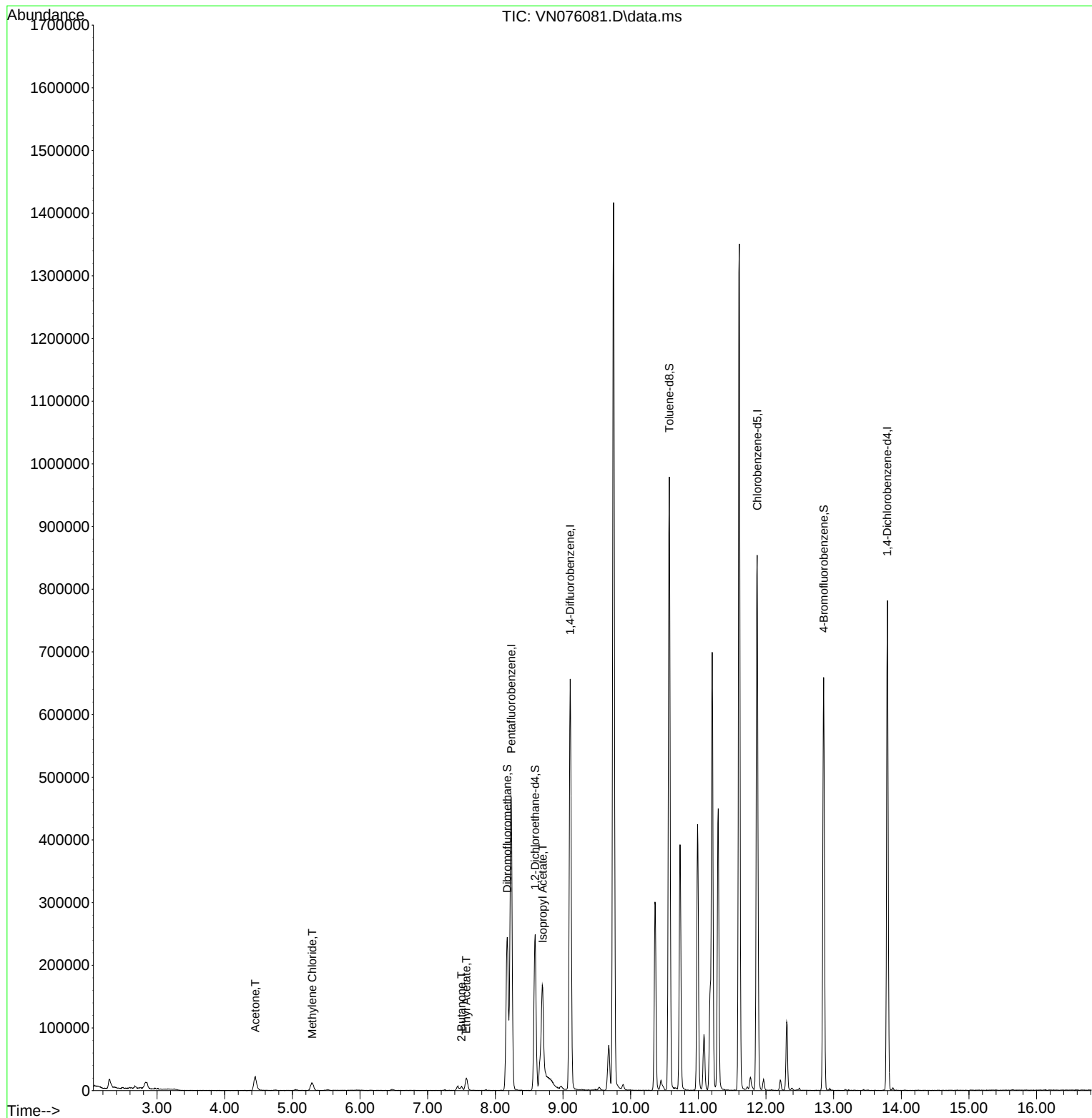
Internal Standards						
1) Pentafluorobenzene	8.235	168	365771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	596776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	525503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	216731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	197651	49.670	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.340%
35) Dibromofluoromethane	8.177	113	176772	47.831	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.660%
50) Toluene-d8	10.571	98	693153	50.163	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.853	95	215454	47.077	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.160%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	42384	30.898	ug/l	98
20) Methylene Chloride	5.294	84	10783	2.328	ug/l #	91
25) 2-Butanone	7.500	43	8815	4.590	ug/l	88
37) Ethyl Acetate	7.571	43	29008	7.356	ug/l	96
43) Isopropyl Acetate	8.700	43	232329	35.715	ug/l #	76

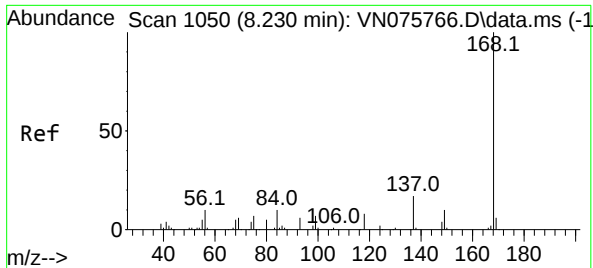
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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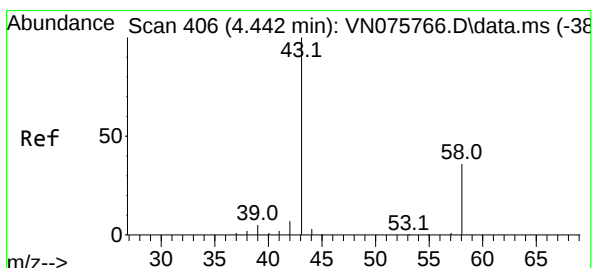
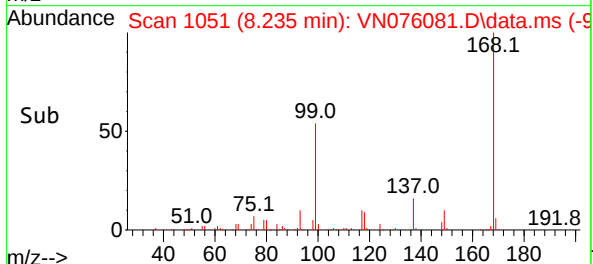
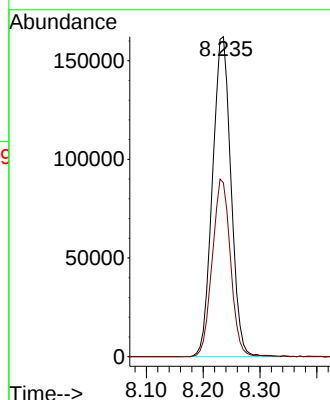
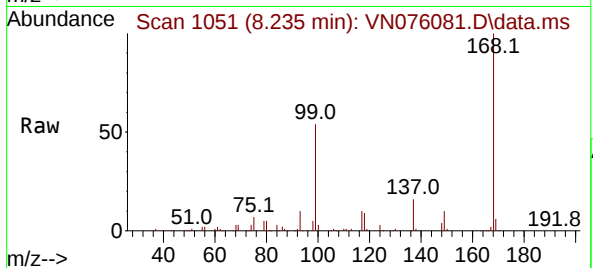




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. 0.005 min
Lab File: VN076081.D
Acq: 04 Jan 2023 15:05

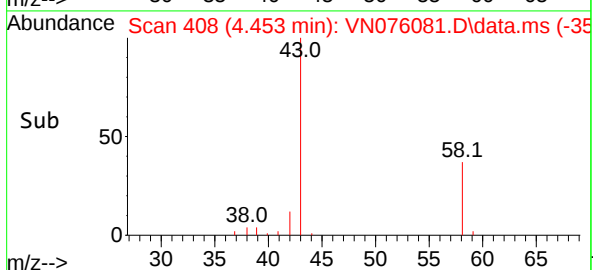
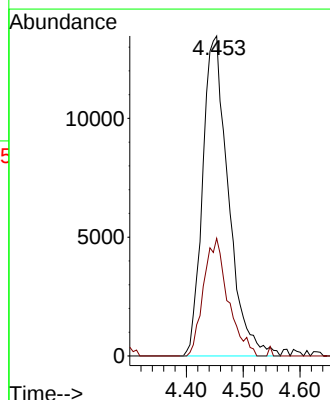
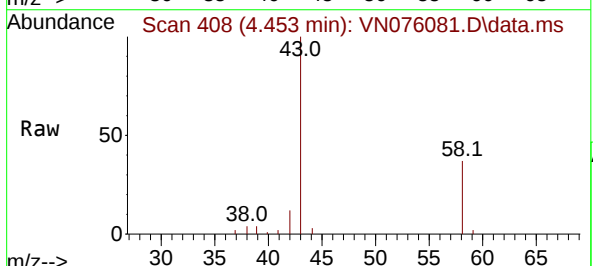
Instrument :
MSVOA_N
ClientSampleId :
PB150013ZHE#02

Tgt Ion:168 Resp: 365771
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#16
Acetone
Concen: 30.898 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN076081.D
Acq: 04 Jan 2023 15:05

Tgt Ion: 43 Resp: 42384
Ion Ratio Lower Upper
43 100
58 36.7 28.6 43.0

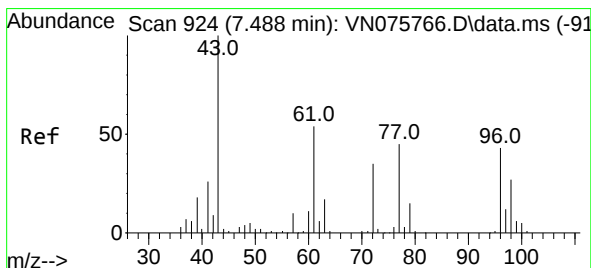
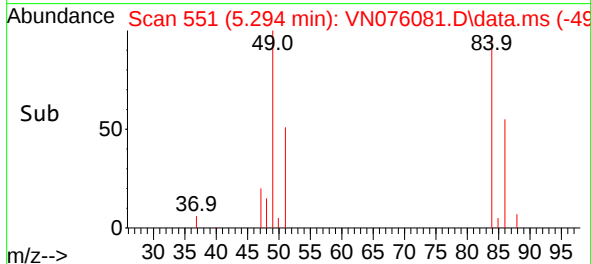
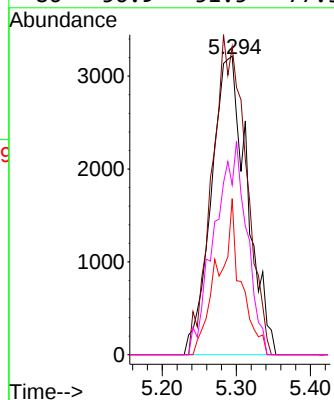
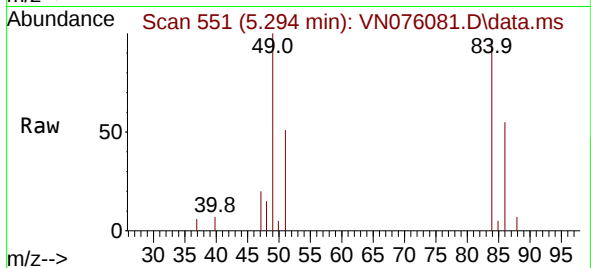




#20
Methylene Chloride
Concen: 2.328 ug/l
RT: 5.294 min Scan# 511
Delta R.T. 0.005 min
Lab File: VN076081.D
Acq: 04 Jan 2023 15:05

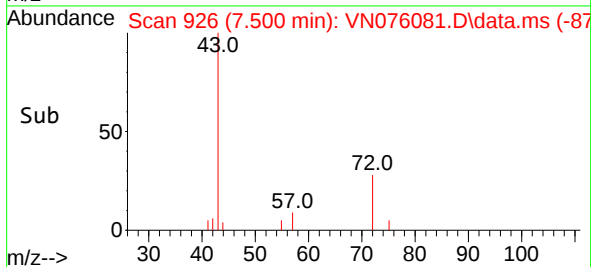
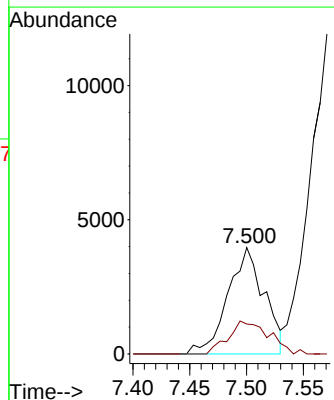
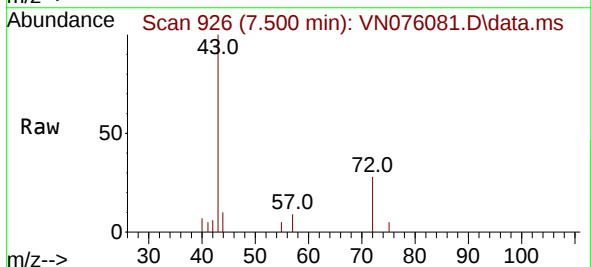
Instrument :
MSVOA_N
ClientSampleId :
PB150013ZHE#02

Tgt Ion: 84	Resp: 10783
Ion Ratio	Lower Upper
84 100	
49 103.1	81.8 122.6
51 52.3	26.7 40.1#
86 56.9	51.5 77.3



#25
2-Butanone
Concen: 4.590 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN076081.D
Acq: 04 Jan 2023 15:05

Tgt Ion: 43	Resp: 8815		
Ion	Ratio	Lower	Upper
43	100		
72	28.2	28.0	42.0





#33

1,2-Dichloroethane-d4

Concen: 49.670 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076081.D

Acq: 04 Jan 2023 15:05

Instrument :

MSVOA_N

ClientSampleId :

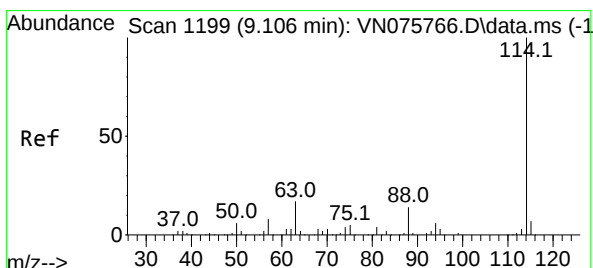
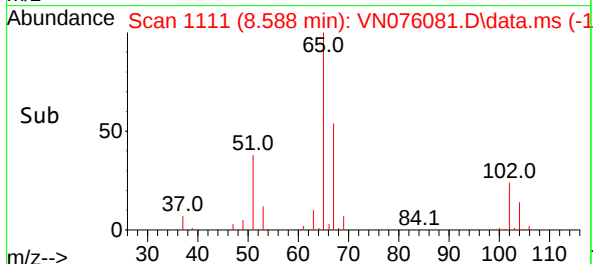
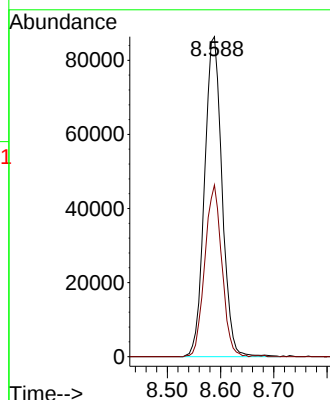
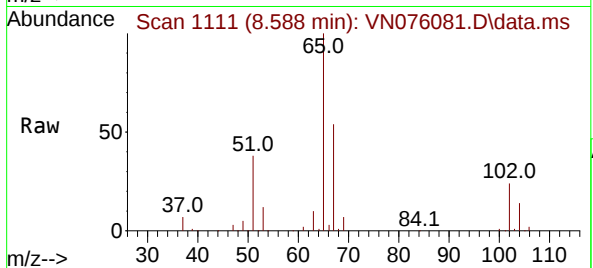
PB150013ZHE#02

Tgt Ion: 65 Resp: 197651

Ion Ratio Lower Upper

65 100

67 52.1 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: VN076081.D

Acq: 04 Jan 2023 15:05

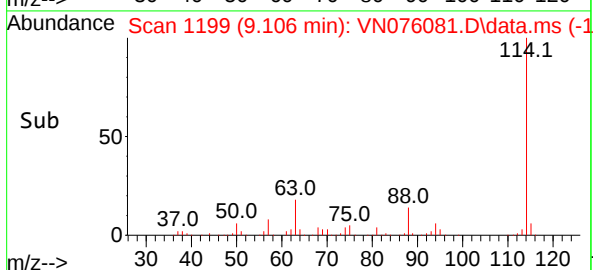
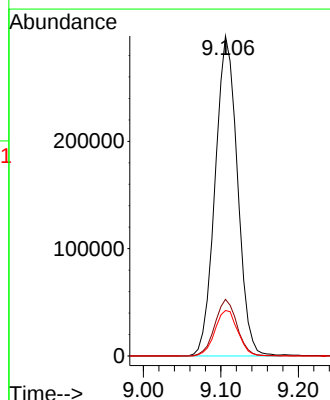
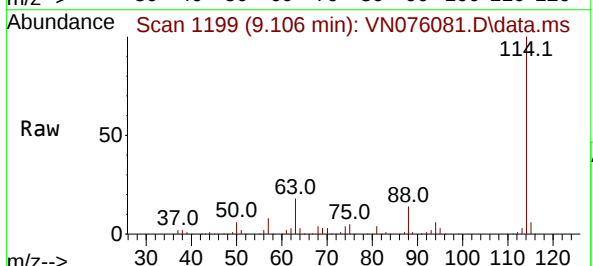
Tgt Ion: 114 Resp: 596776

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

88 14.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.831 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076081.D

Acq: 04 Jan 2023 15:05

Instrument :

MSVOA_N

ClientSampleId :

PB150013ZHE#02

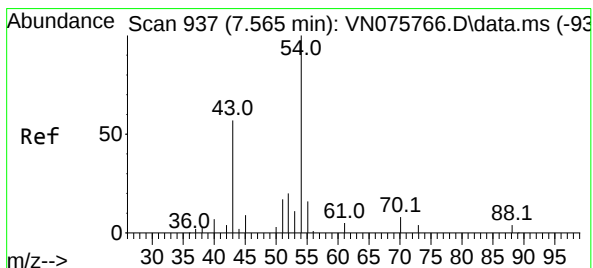
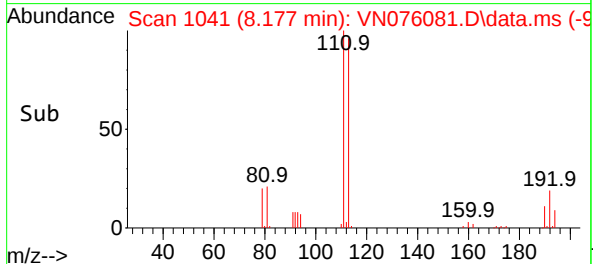
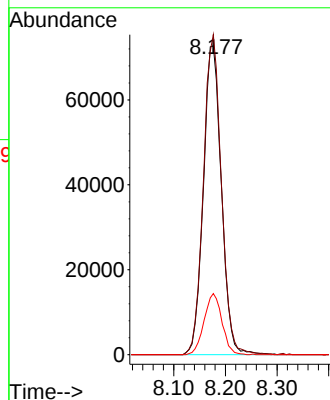
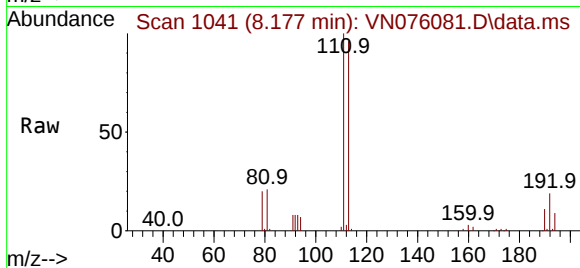
Tgt Ion:113 Resp: 176772

Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

192 19.5 16.1 24.1



#37

Ethyl Acetate

Concen: 7.356 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN076081.D

Acq: 04 Jan 2023 15:05

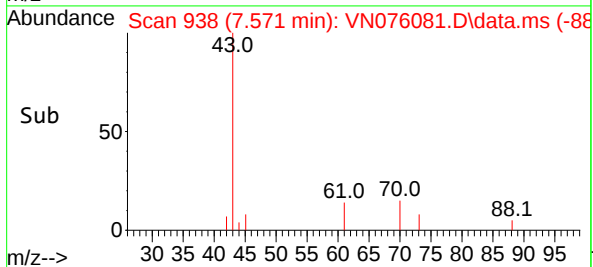
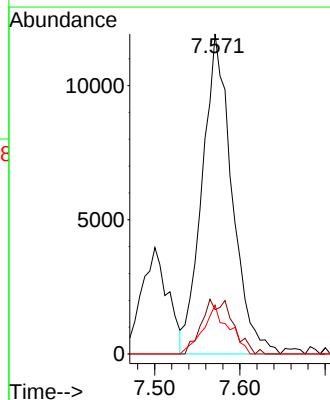
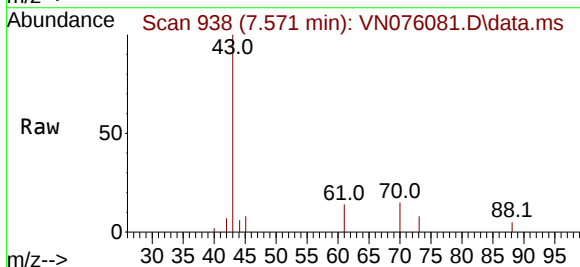
Tgt Ion: 43 Resp: 29008

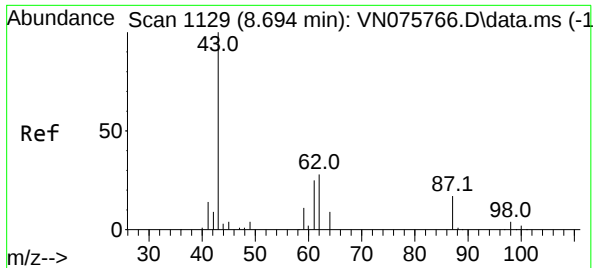
Ion Ratio Lower Upper

43 100

61 17.9 13.0 19.4

70 13.3 9.4 14.0

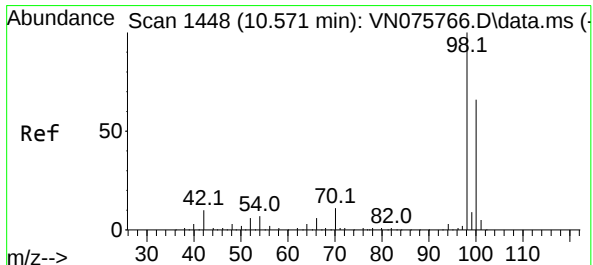
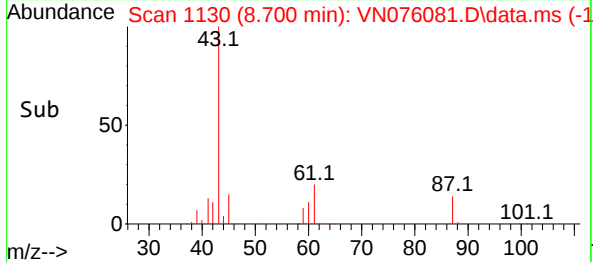
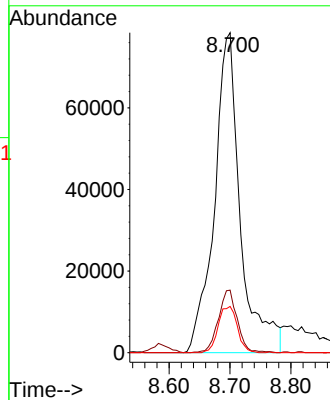
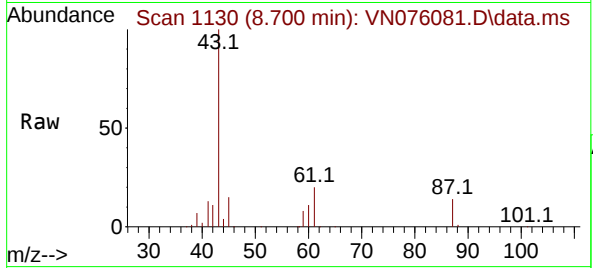




#43
Isopropyl Acetate
Concen: 35.715 ug/l
RT: 8.700 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN076081.D
Acq: 04 Jan 2023 15:05

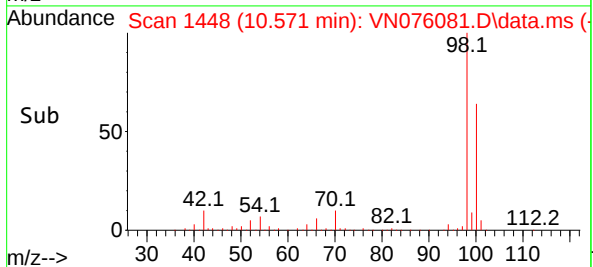
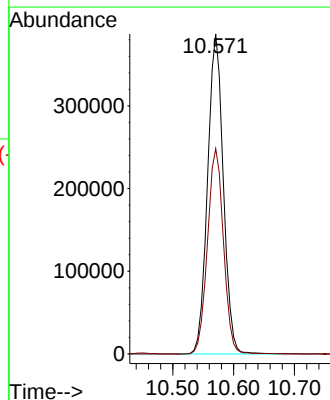
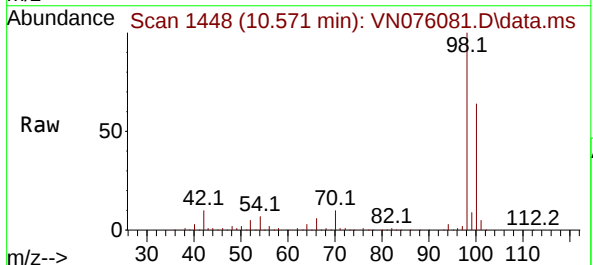
Instrument :
MSVOA_N
ClientSampleId :
PB150013ZHE#02

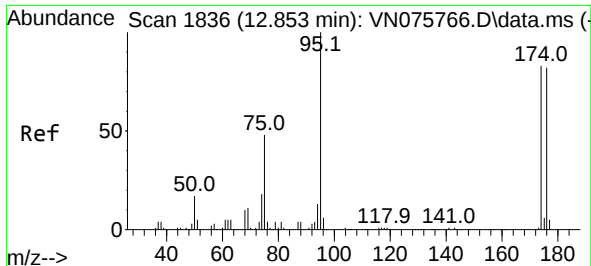
Tgt Ion: 43 Resp: 232329
Ion Ratio Lower Upper
43 100
61 14.3 24.2 36.4#
87 10.6 13.3 19.9#



#50
Toluene-d8
Concen: 50.163 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076081.D
Acq: 04 Jan 2023 15:05

Tgt Ion: 98 Resp: 693153
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1

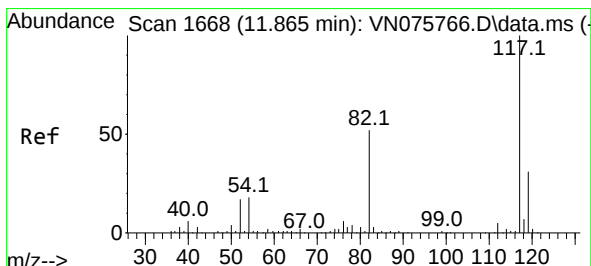
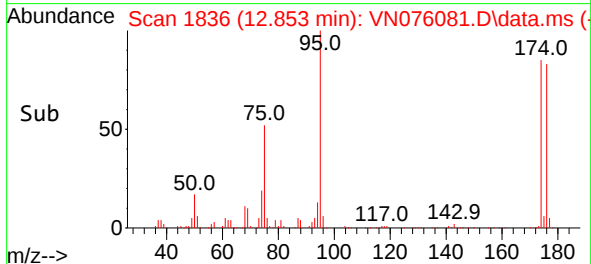
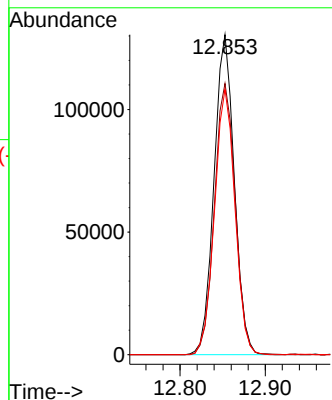
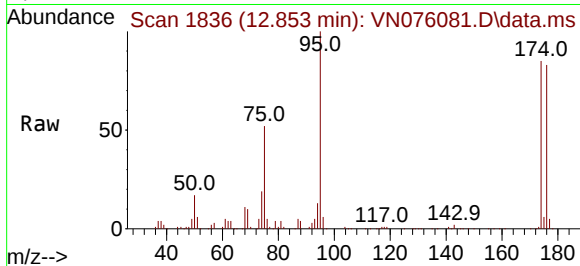




#62
4-Bromofluorobenzene
Concen: 47.077 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076081.D
Acq: 04 Jan 2023 15:05

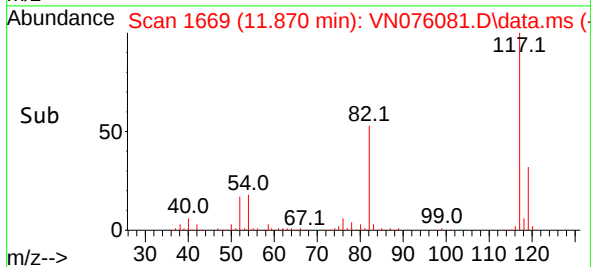
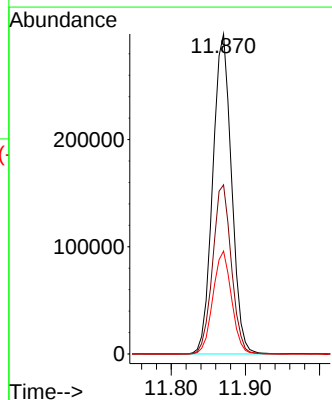
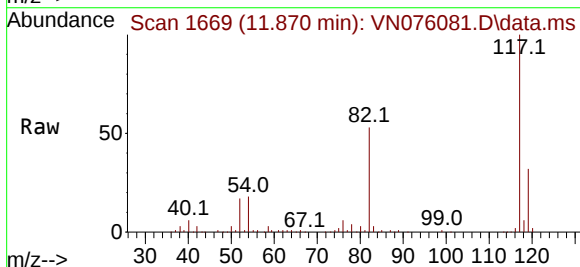
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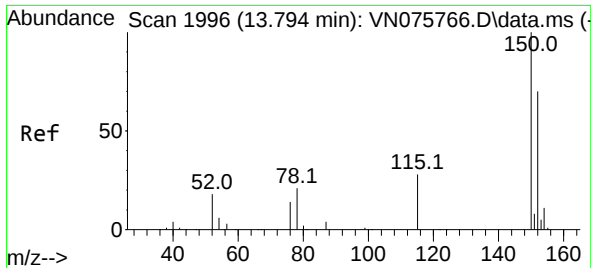
Tgt Ion: 95 Resp: 215454
Ion Ratio Lower Upper
95 100
174 87.3 0.0 171.6
176 83.8 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076081.D
Acq: 04 Jan 2023 15:05

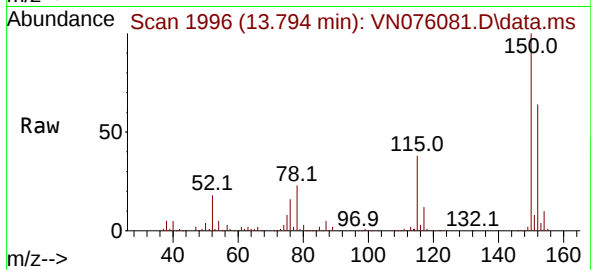
Tgt Ion: 117 Resp: 525503
Ion Ratio Lower Upper
117 100
82 52.8 41.3 61.9
119 32.1 24.6 37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076081.D
 Acq: 04 Jan 2023 15:05

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150013ZHE#02



Tgt Ion:152 Resp: 216731
 Ion Ratio Lower Upper
 152 100
 115 57.7 29.1 87.4
 150 155.6 0.0 347.0

