

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122922\
 Data File : VN076049.D
 Acq On : 29 Dec 2022 15:18
 Operator : JC\MD
 Sample : N6231-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3S

Quant Time: Dec 30 05:33:57 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)

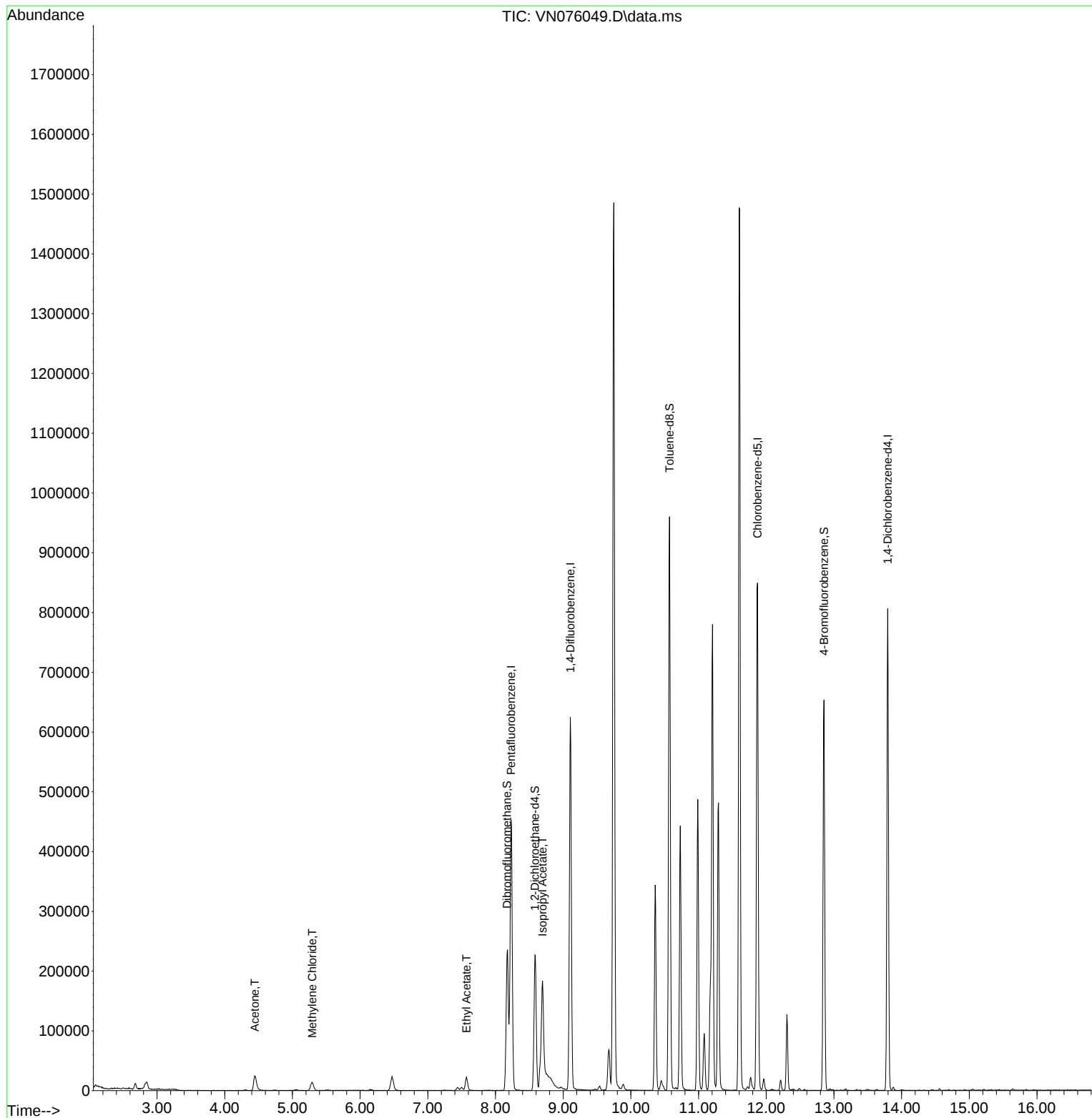
Internal Standards						
1) Pentafluorobenzene	8.229	168	363653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	579171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	531986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	224951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	183176	46.301	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.600%
35) Dibromofluoromethane	8.171	113	170311	47.484	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.960%
50) Toluene-d8	10.571	98	673757	50.242	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.480%
62) 4-Bromofluorobenzene	12.853	95	221736	49.922	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.840%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	47481	34.816	ug/l	98
20) Methylene Chloride	5.294	84	12528	2.830	ug/l	95
37) Ethyl Acetate	7.571	43	31887	8.332	ug/l	99
43) Isopropyl Acetate	8.694	43	244475	38.725	ug/l #	76

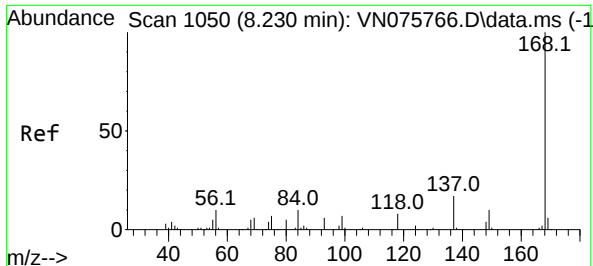
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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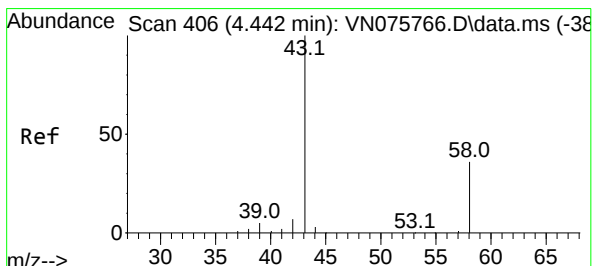
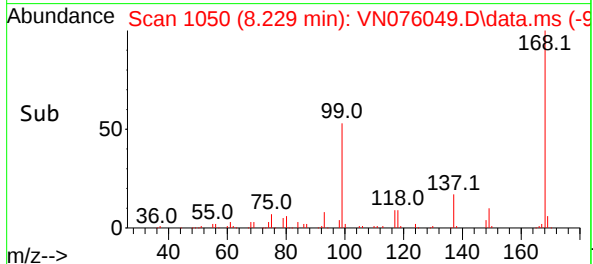
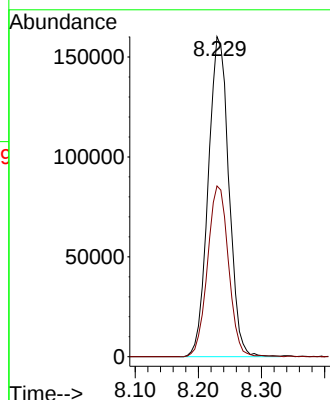
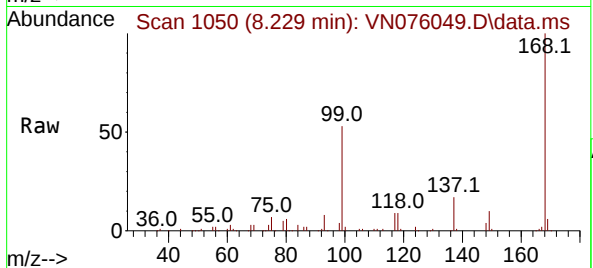




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076049.D
Acq: 29 Dec 2022 15:18

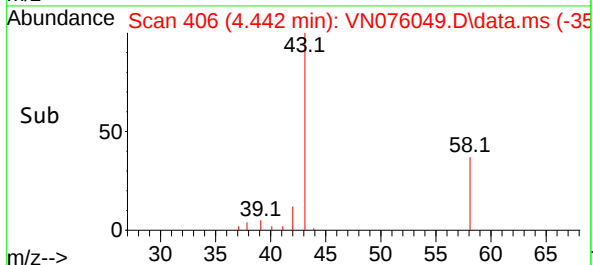
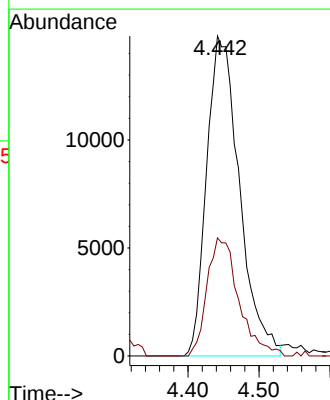
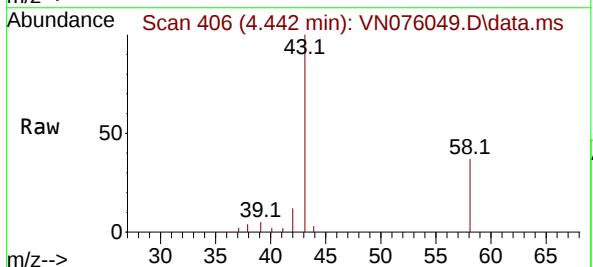
Instrument :
MSVOA_N
ClientSampleId :
TP-3S

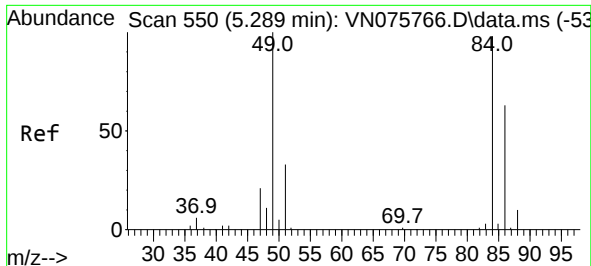
Tgt Ion:168 Resp: 363653
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4



#16
Acetone
Concen: 34.816 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076049.D
Acq: 29 Dec 2022 15:18

Tgt Ion: 43 Resp: 47481
Ion Ratio Lower Upper
43 100
58 36.9 28.6 43.0

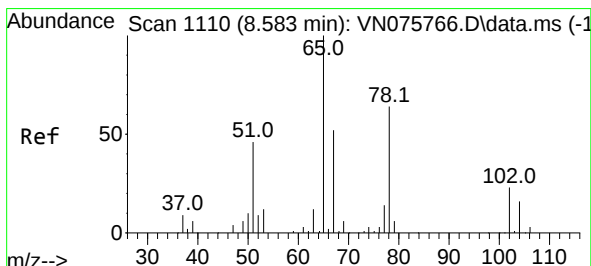
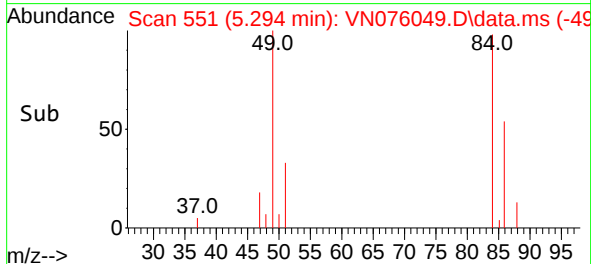
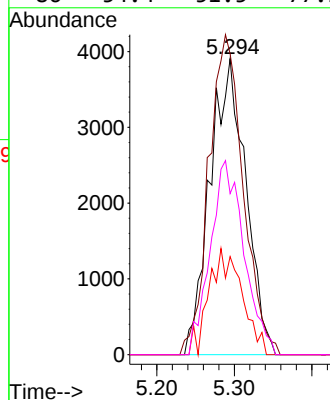
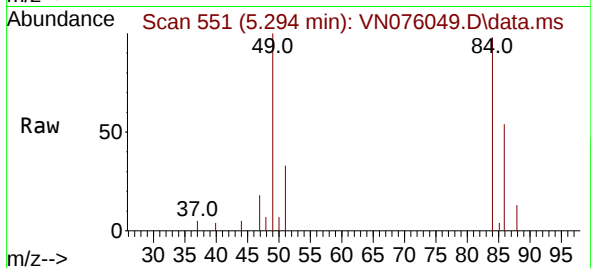




#20
Methylene Chloride
Concen: 2.830 ug/l
RT: 5.294 min Scan# 511
Delta R.T. 0.005 min
Lab File: VN076049.D
Acq: 29 Dec 2022 15:18

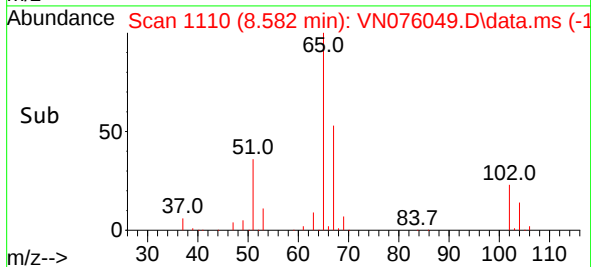
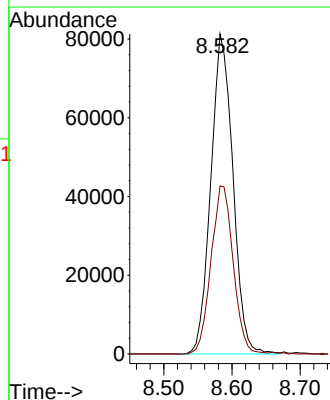
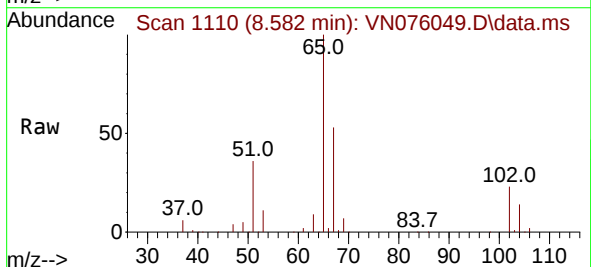
Instrument :
MSVOA_N
ClientSampleId :
TP-3S

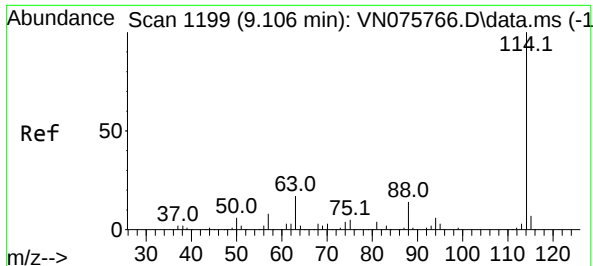
Tgt Ion: 84	Resp: 12528
Ion Ratio	Lower Upper
84 100	
49 101.6	81.8 122.6
51 33.1	26.7 40.1
86 54.4	51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 46.301 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076049.D
Acq: 29 Dec 2022 15:18

Tgt Ion: 65	Resp: 183176
Ion Ratio	Lower Upper
65 100	
67 52.7	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: VN076049.D

Acq: 29 Dec 2022 15:18

Instrument :

MSVOA_N

ClientSampleId :

TP-3S

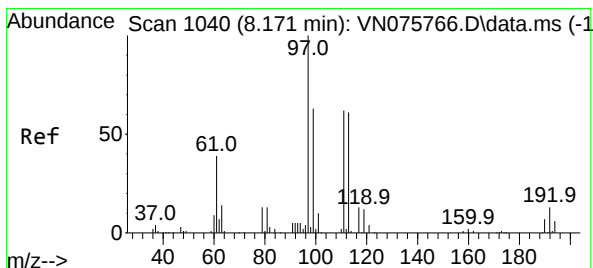
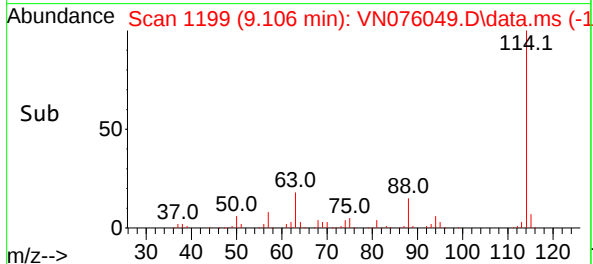
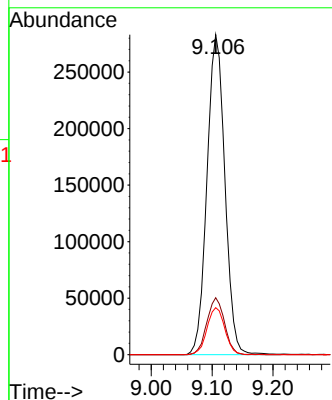
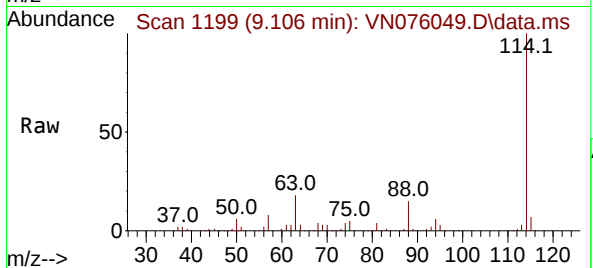
Tgt Ion:114 Resp: 579171

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 14.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.484 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076049.D

Acq: 29 Dec 2022 15:18

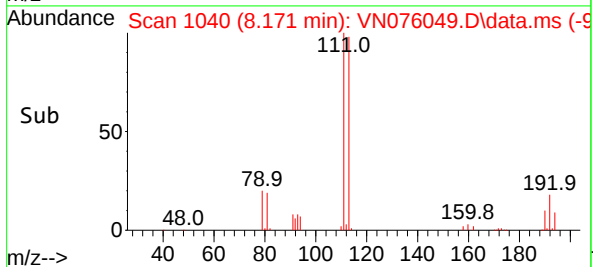
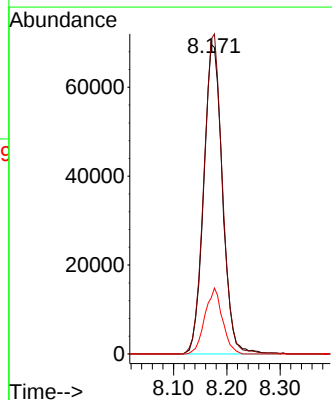
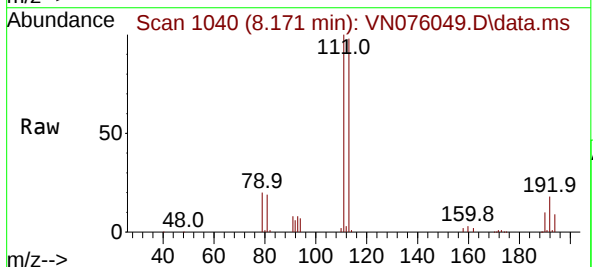
Tgt Ion:113 Resp: 170311

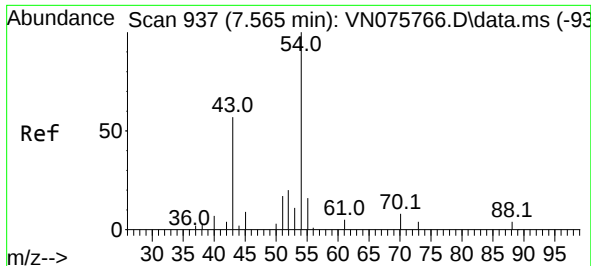
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 19.9 16.1 24.1





#37

Ethyl Acetate

Concen: 8.332 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076049.D

Acq: 29 Dec 2022 15:18

Instrument :

MSVOA_N

ClientSampleId :

TP-3S

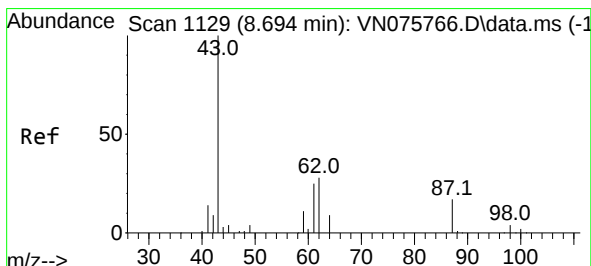
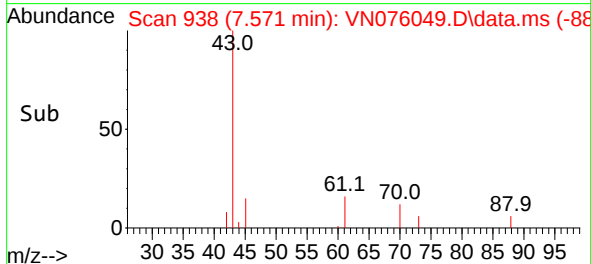
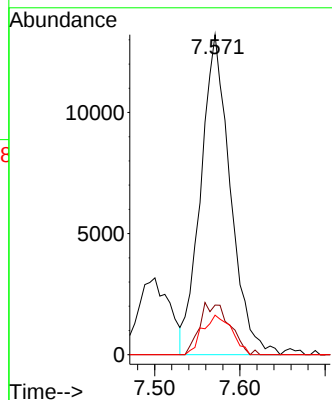
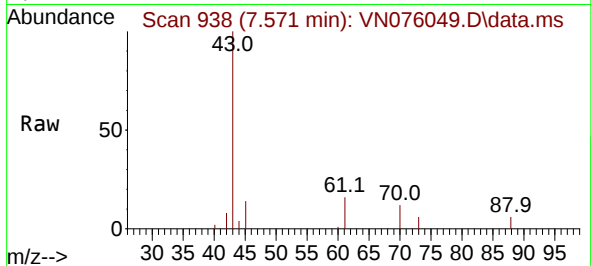
Tgt Ion: 43 Resp: 31887

Ion Ratio Lower Upper

43 100

61 16.5 13.0 19.4

70 12.2 9.4 14.0



#43

Isopropyl Acetate

Concen: 38.725 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN076049.D

Acq: 29 Dec 2022 15:18

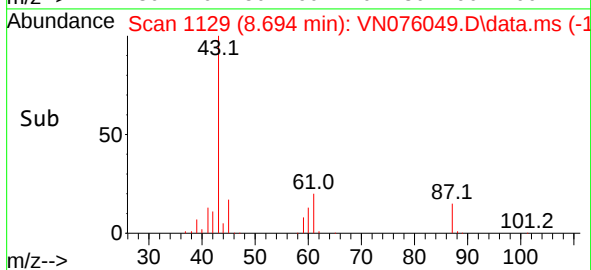
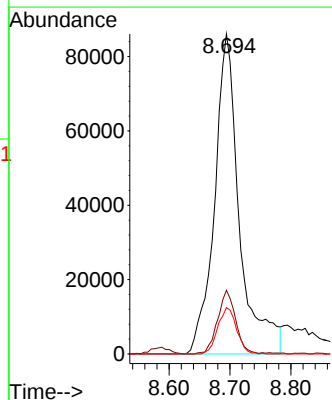
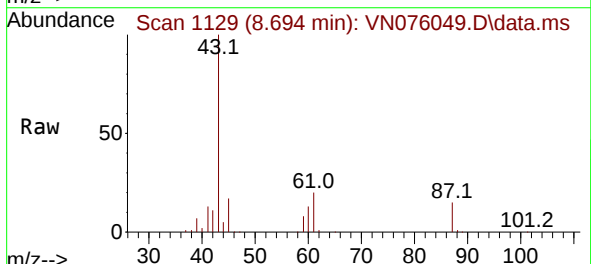
Tgt Ion: 43 Resp: 244475

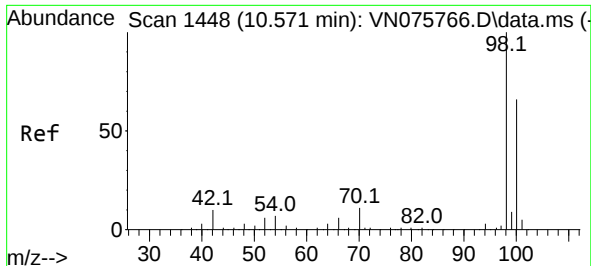
Ion Ratio Lower Upper

43 100

61 14.4 24.2 36.4#

87 10.9 13.3 19.9#

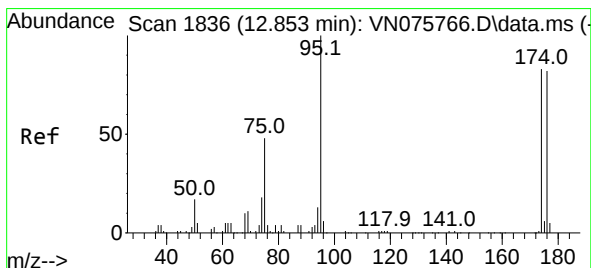
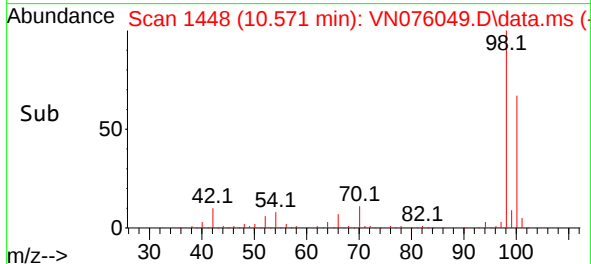
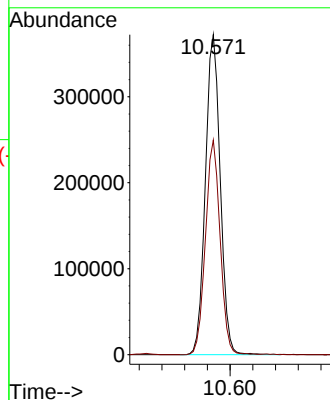
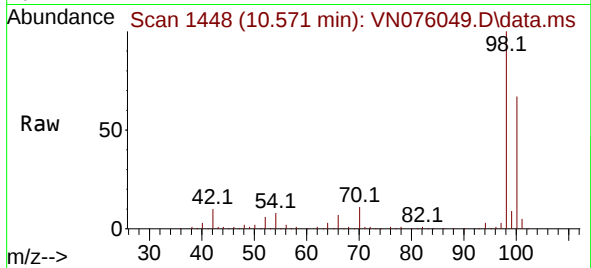




#50
Toluene-d8
Concen: 50.242 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076049.D
Acq: 29 Dec 2022 15:18

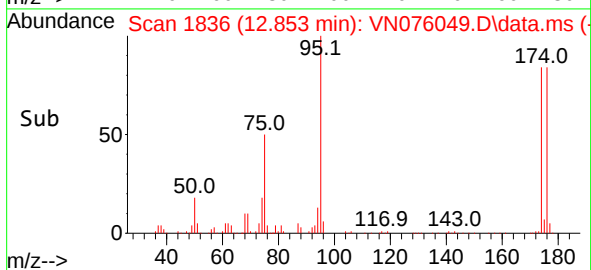
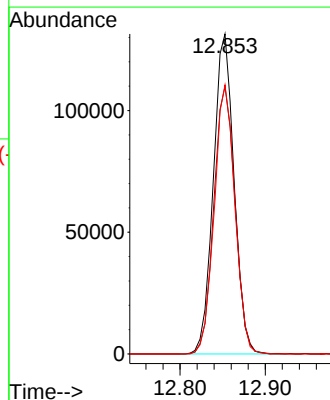
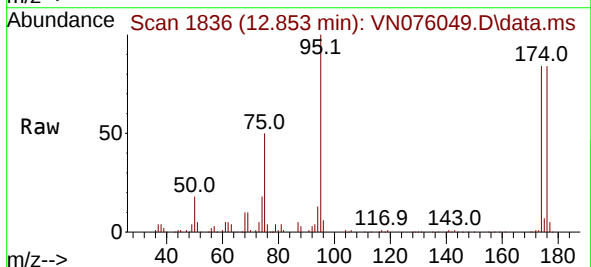
Instrument :
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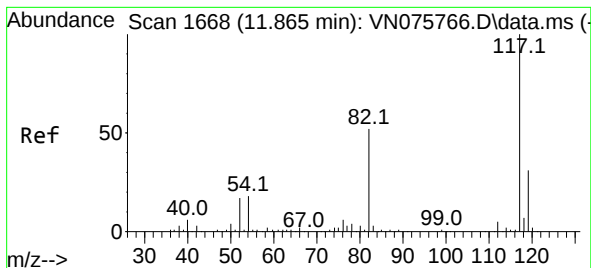
Tgt Ion: 98 Resp: 673757
Ion Ratio Lower Upper
98 100
100 66.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.922 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076049.D
Acq: 29 Dec 2022 15:18

Tgt Ion: 95 Resp: 221736
Ion Ratio Lower Upper
95 100
174 85.9 0.0 171.6
176 83.8 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076049.D

Acq: 29 Dec 2022 15:18

Instrument :

MSVOA_N

ClientSampleId :

TP-3S

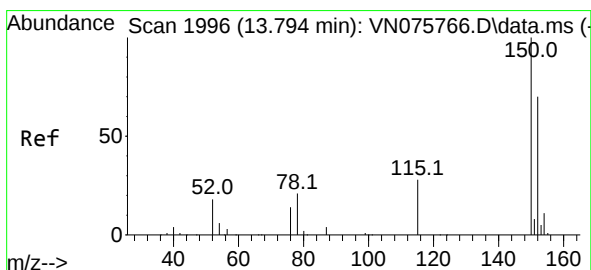
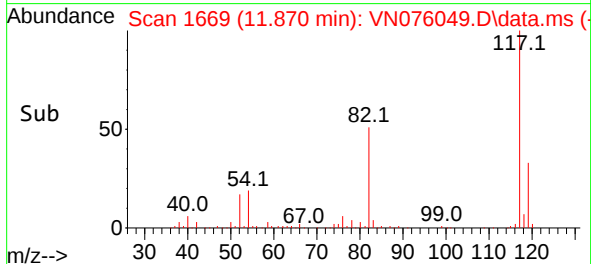
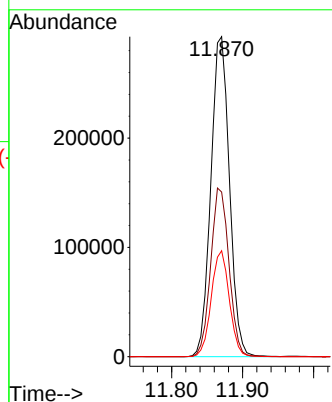
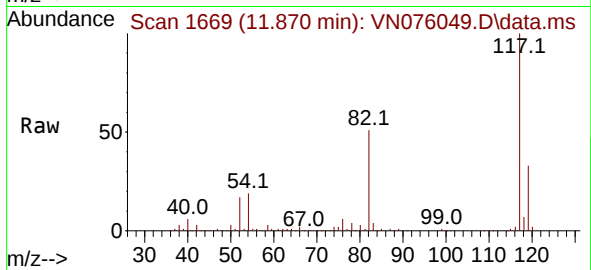
Tgt Ion:117 Resp: 531986

Ion Ratio Lower Upper

117 100

82 51.4 41.3 61.9

119 33.1 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: VN076049.D

Acq: 29 Dec 2022 15:18

Tgt Ion:152 Resp: 224951

Ion Ratio Lower Upper

152 100

115 57.4 29.1 87.4

150 156.6 0.0 347.0

