

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
 Data File : VN075963.D
 Acq On : 23 Dec 2022 13:57
 Operator : JC\MD
 Sample : N6180-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-VOC-3050

Quant Time: Dec 26 04:32:50 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)

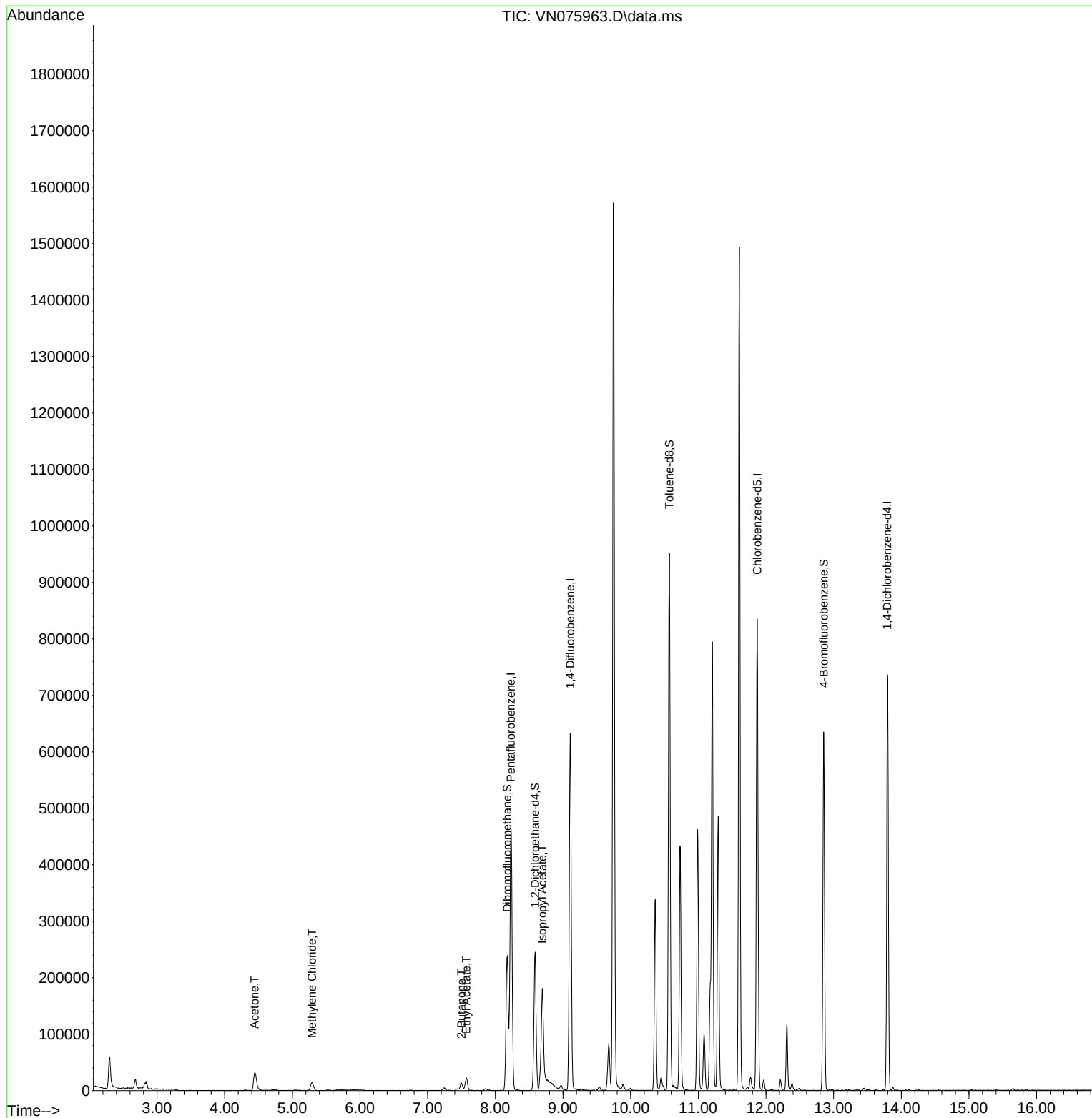
Internal Standards						
1) Pentafluorobenzene	8.229	168	365853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	582019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	510815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	210762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	197032	49.504	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.000%
35) Dibromofluoromethane	8.177	113	174522	48.420	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.840%
50) Toluene-d8	10.570	98	682974	50.680	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.360%
62) 4-Bromofluorobenzene	12.853	95	212563	47.623	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.240%
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	62831	45.794	ug/l	100
20) Methylene Chloride	5.288	84	12695	2.855	ug/l	94
25) 2-Butanone	7.500	43	19957	10.388	ug/l #	88
37) Ethyl Acetate	7.571	43	32534	8.459	ug/l	97
43) Isopropyl Acetate	8.694	43	228133	35.959	ug/l #	79

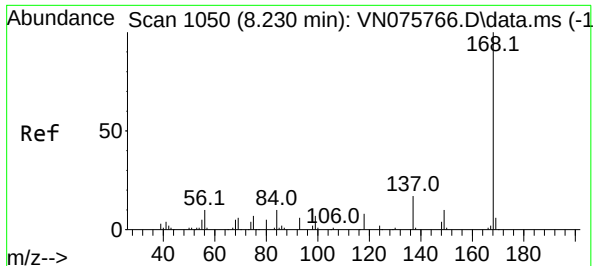
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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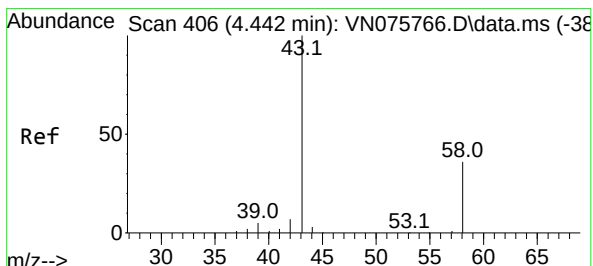
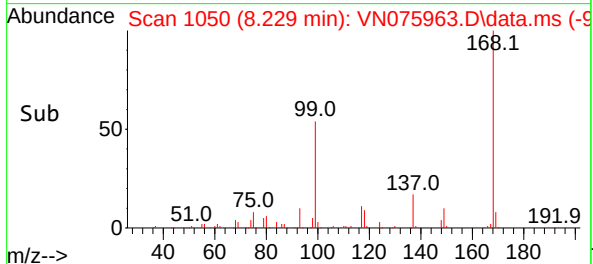
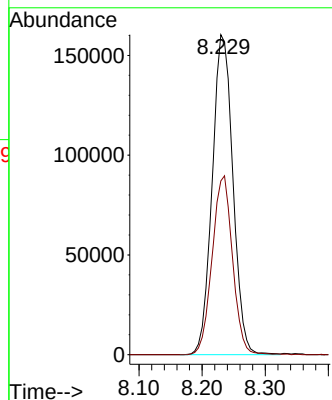
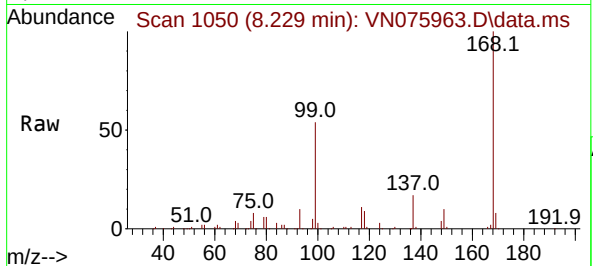




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075963.D
Acq: 23 Dec 2022 13:57

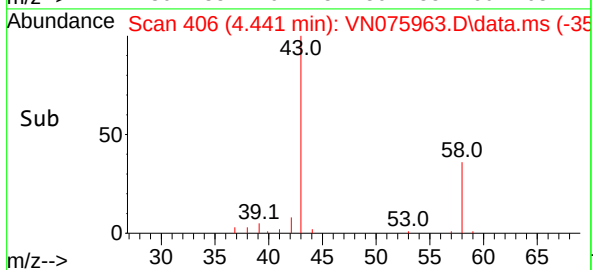
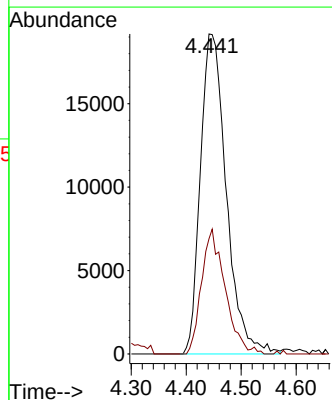
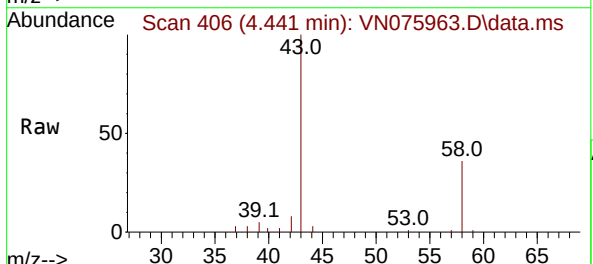
Instrument :
MSVOA_N
ClientSampleId :
TCLP-VOC-3050

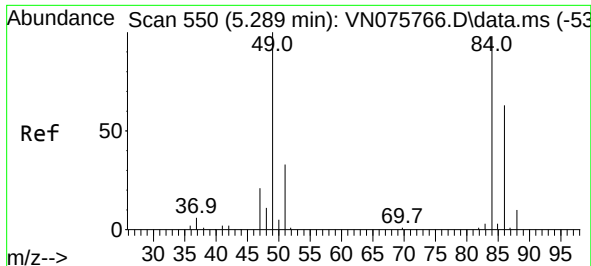
Tgt Ion:168 Resp: 365853
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#16
Acetone
Concen: 45.794 ug/l
RT: 4.441 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075963.D
Acq: 23 Dec 2022 13:57

Tgt Ion: 43 Resp: 62831
Ion Ratio Lower Upper
43 100
58 36.0 28.6 43.0





#20

Methylene Chloride

Concen: 2.855 ug/l

RT: 5.288 min Scan# 51

Delta R.T. -0.001 min

Lab File: VN075963.D

Acq: 23 Dec 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

TCLP-VOC-3050

Tgt Ion: 84 Resp: 12695

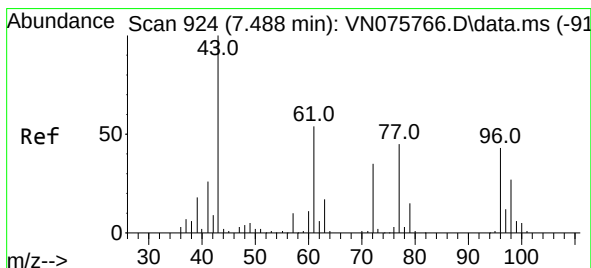
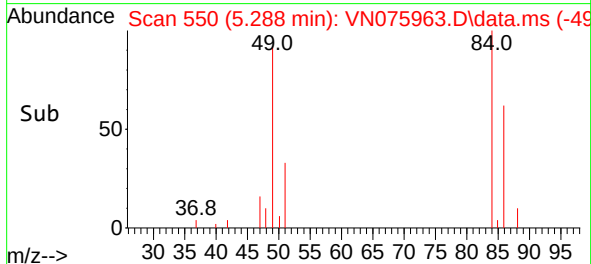
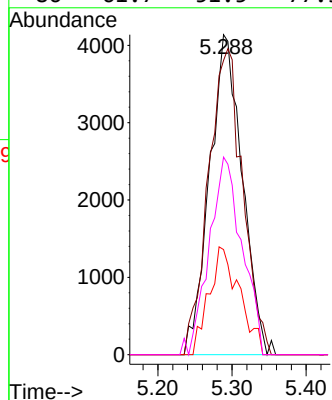
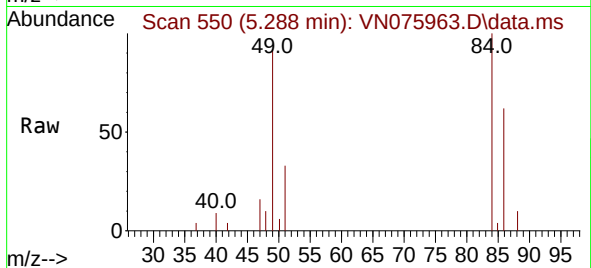
Ion Ratio Lower Upper

84 100

49 92.0 81.8 122.6

51 32.9 26.7 40.1

86 61.7 51.5 77.3



#25

2-Butanone

Concen: 10.388 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.012 min

Lab File: VN075963.D

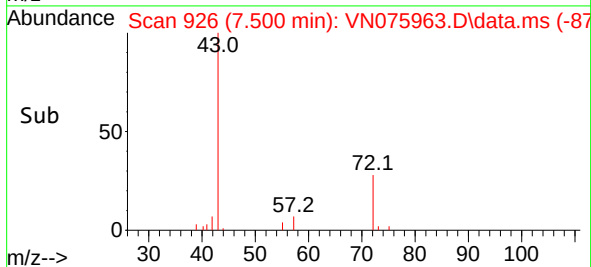
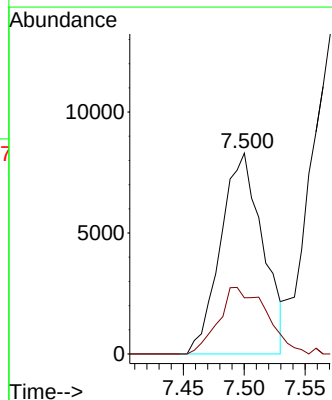
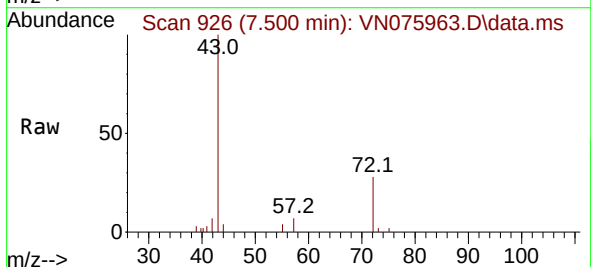
Acq: 23 Dec 2022 13:57

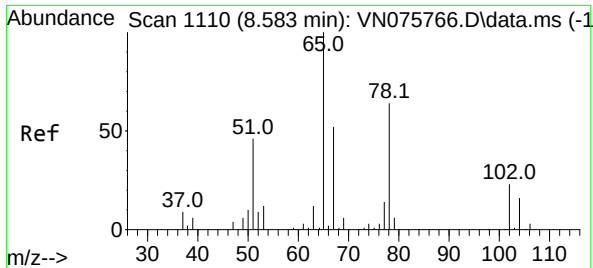
Tgt Ion: 43 Resp: 19957

Ion Ratio Lower Upper

43 100

72 28.0 28.0 42.0#

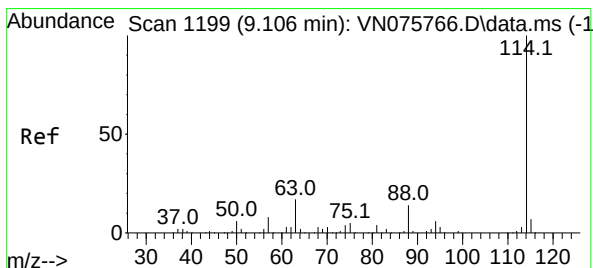
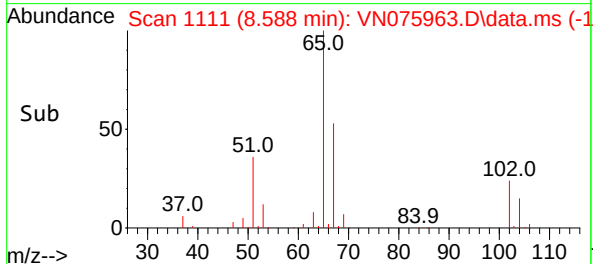
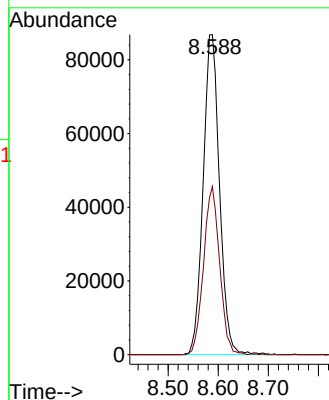
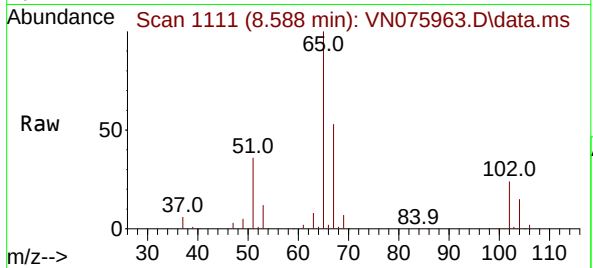




#33
 1,2-Dichloroethane-d4
 Concen: 49.504 ug/l
 RT: 8.588 min Scan# 1111
 Delta R.T. 0.006 min
 Lab File: VN075963.D
 Acq: 23 Dec 2022 13:57

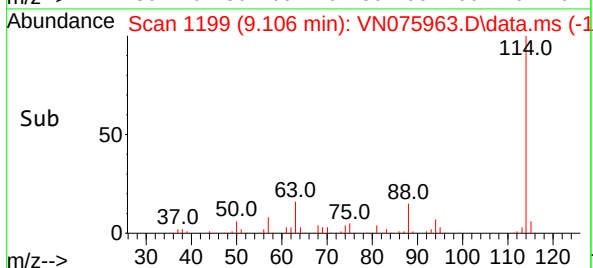
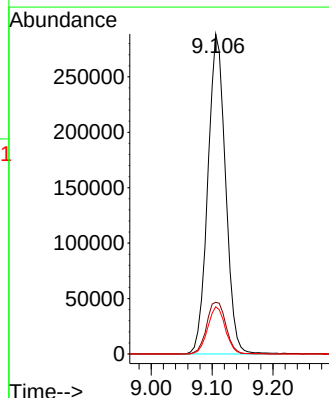
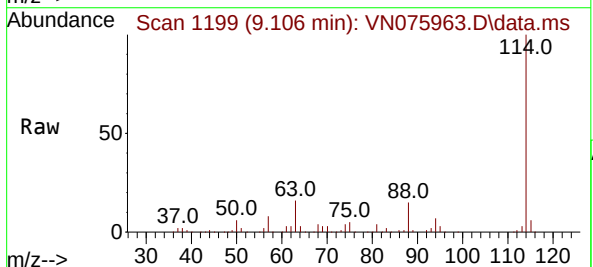
Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-VOC-3050

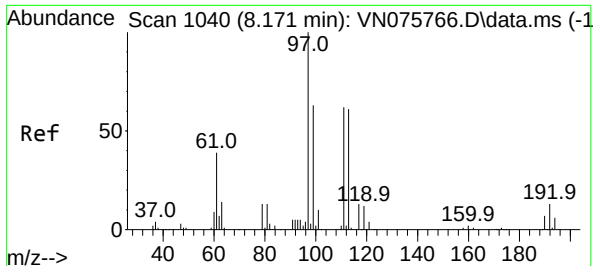
Tgt Ion: 65 Resp: 197032
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. -0.000 min
 Lab File: VN075963.D
 Acq: 23 Dec 2022 13:57

Tgt Ion: 114 Resp: 582019
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 34.4
 88 14.7 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.420 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075963.D

Acq: 23 Dec 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

TCLP-VOC-3050

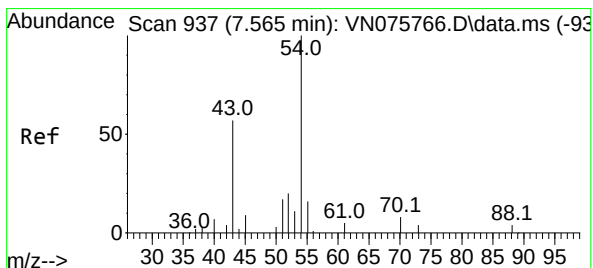
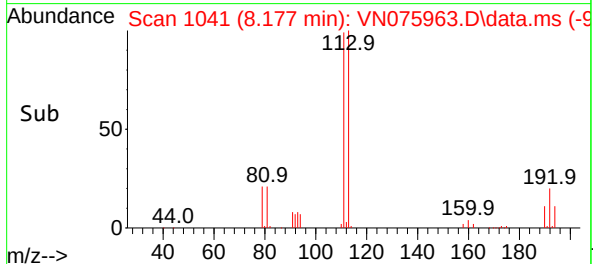
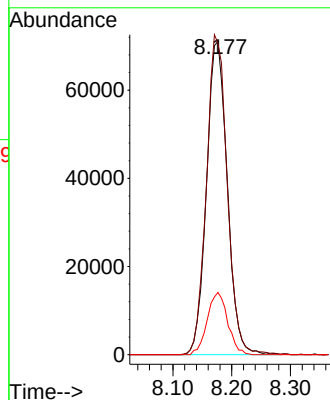
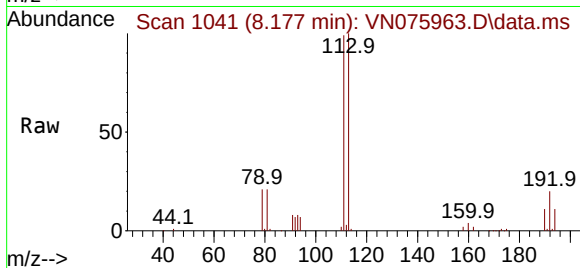
Tgt Ion:113 Resp: 174522

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

192 19.6 16.1 24.1



#37

Ethyl Acetate

Concen: 8.459 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN075963.D

Acq: 23 Dec 2022 13:57

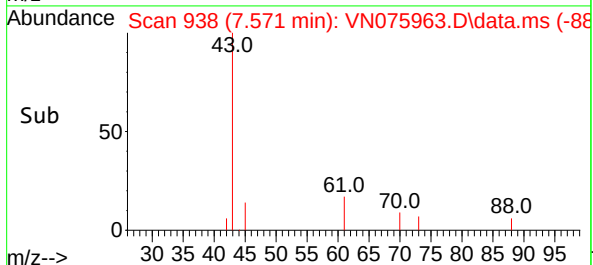
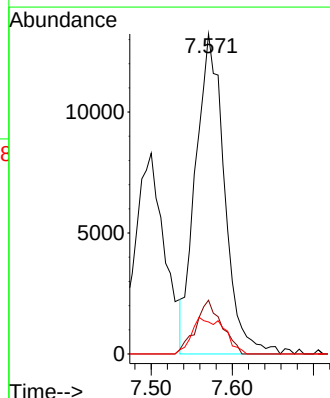
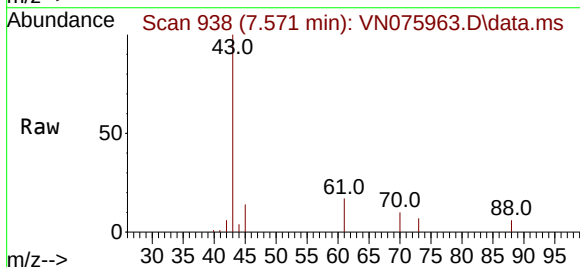
Tgt Ion: 43 Resp: 32534

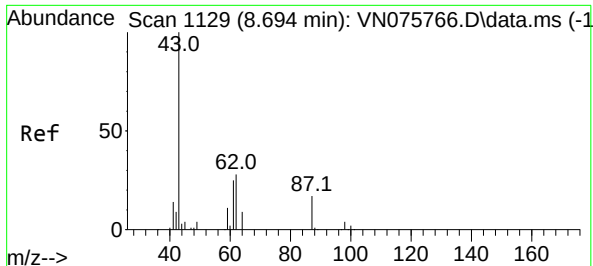
Ion Ratio Lower Upper

43 100

61 15.2 13.0 19.4

70 12.8 9.4 14.0





#43

Isopropyl Acetate

Concen: 35.959 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN075963.D

Acq: 23 Dec 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

TCLP-VOC-3050

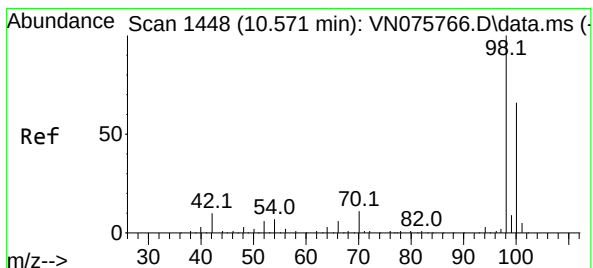
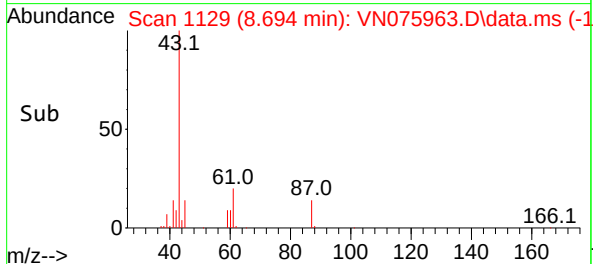
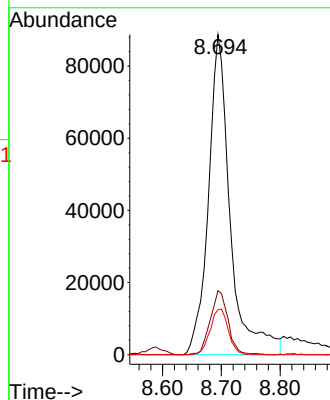
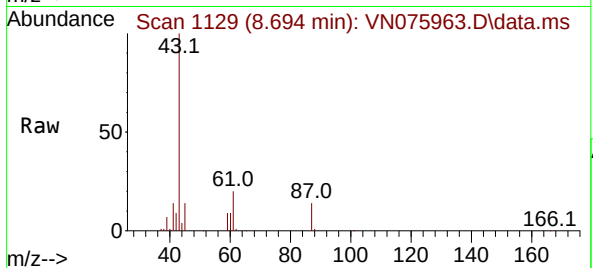
Tgt Ion: 43 Resp: 228133

Ion Ratio Lower Upper

43 100

61 16.3 24.2 36.4#

87 11.8 13.3 19.9#



#50

Toluene-d8

Concen: 50.680 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075963.D

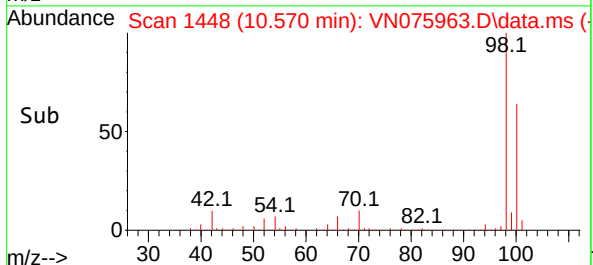
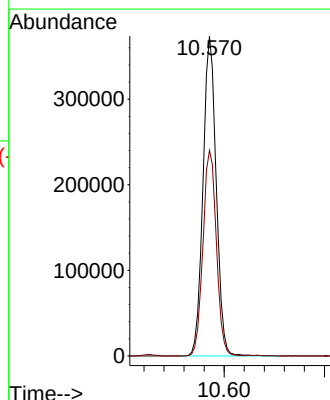
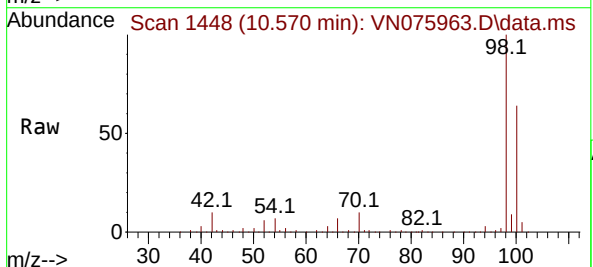
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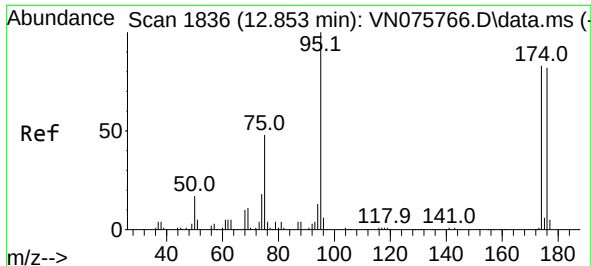
Tgt Ion: 98 Resp: 682974

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1

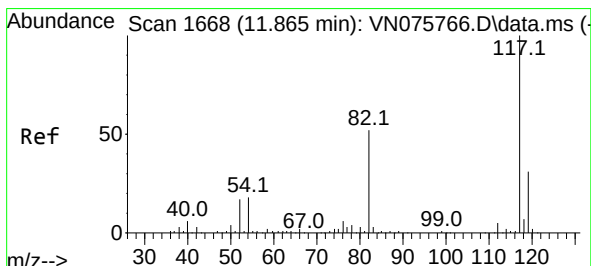
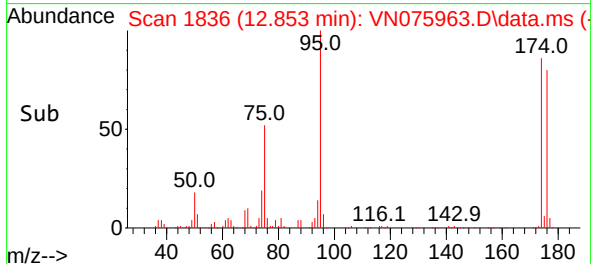
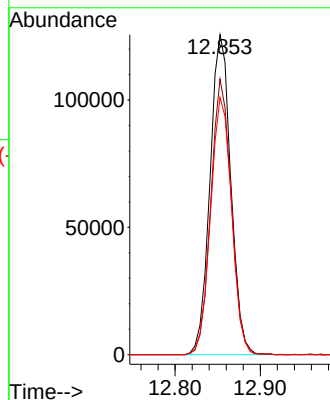
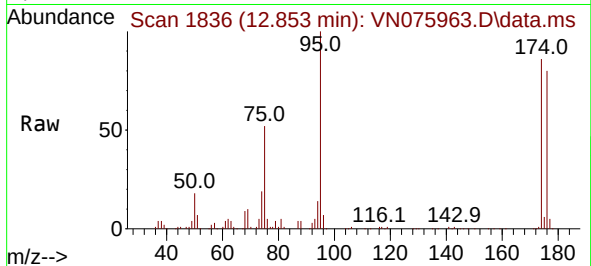




#62
4-Bromofluorobenzene
Concen: 47.623 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075963.D
Acq: 23 Dec 2022 13:57

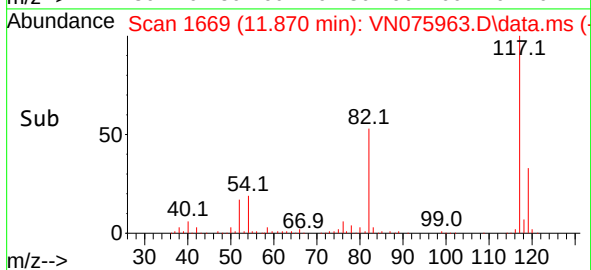
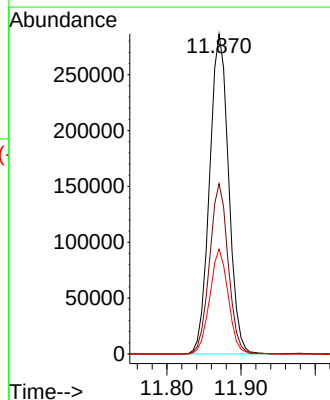
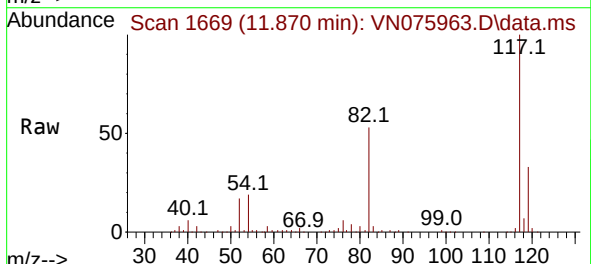
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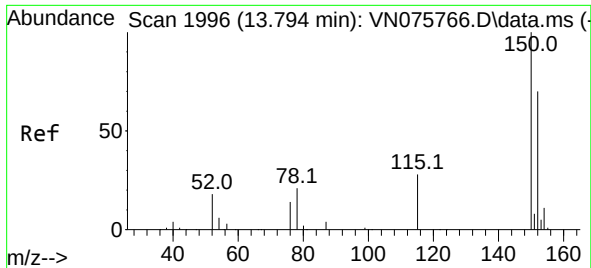
Tgt Ion: 95 Resp: 212563
Ion Ratio Lower Upper
95 100
174 85.3 0.0 171.6
176 81.0 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075963.D
Acq: 23 Dec 2022 13:57

Tgt Ion: 117 Resp: 510815
Ion Ratio Lower Upper
117 100
82 53.2 41.3 61.9
119 32.8 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: VN075963.D
 Acq: 23 Dec 2022 13:57

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-VOC-3050

Tgt Ion:152 Resp: 210762
 Ion Ratio Lower Upper
 152 100
 115 57.0 29.1 87.4
 150 155.8 0.0 347.0

