

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN075996.D
 Acq On : 28 Dec 2022 13:45
 Operator : JC\MD
 Sample : N6200-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-502A-COMP-3

Quant Time: Dec 29 04:50:15 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)

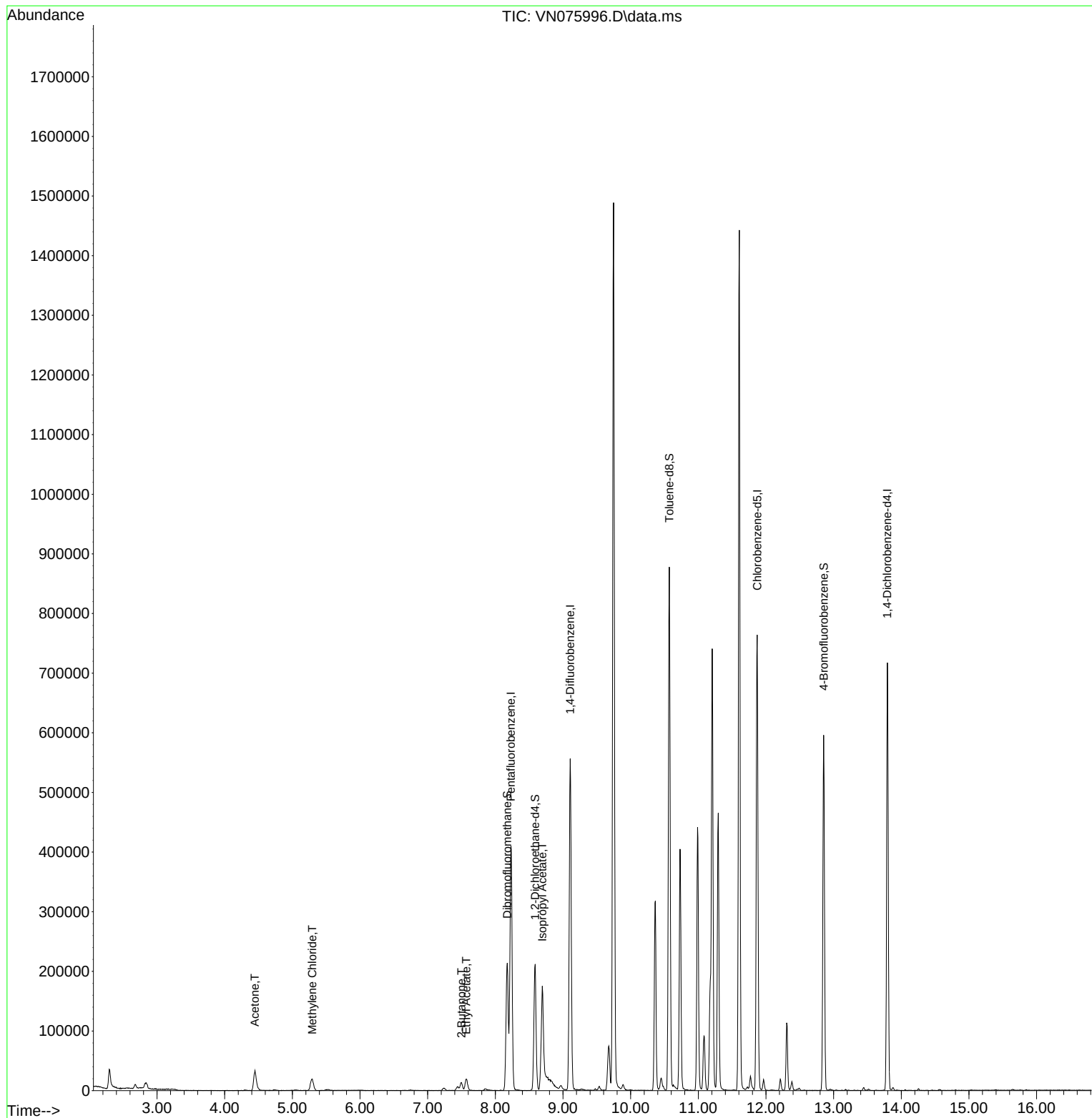
Internal Standards						
1) Pentafluorobenzene	8.229	168	324721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	516732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	468416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	202829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	171784	48.627	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.260%
35) Dibromofluoromethane	8.177	113	154540	48.293	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.580%
50) Toluene-d8	10.570	98	617065	51.574	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.140%
62) 4-Bromofluorobenzene	12.853	95	195177	49.252	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.500%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	60533	49.708	ug/l	98
20) Methylene Chloride	5.294	84	16128	4.366	ug/l #	90
25) 2-Butanone	7.500	43	19673	11.538	ug/l #	86
37) Ethyl Acetate	7.571	43	31584	9.250	ug/l	98
43) Isopropyl Acetate	8.694	43	210687	37.405	ug/l #	79

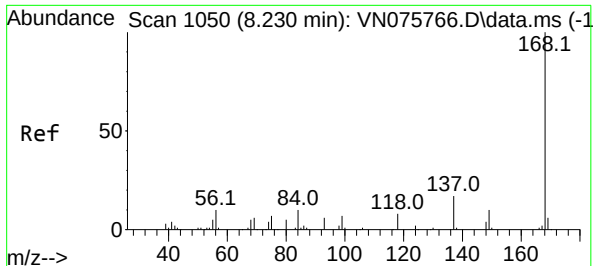
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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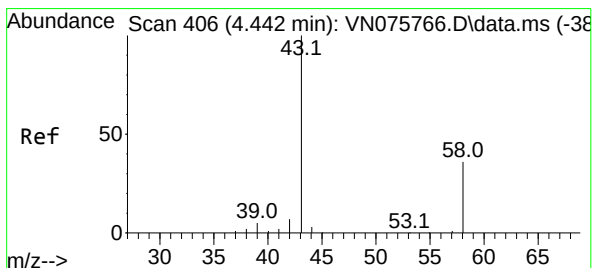
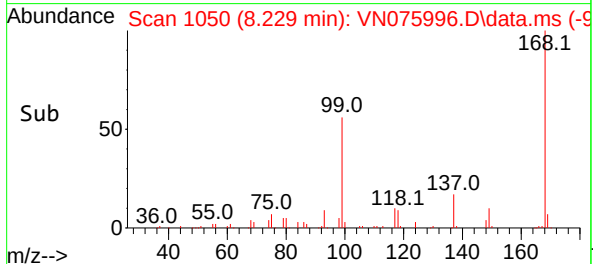
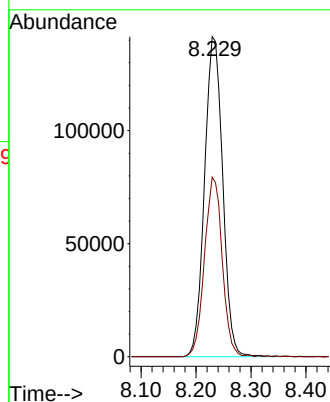
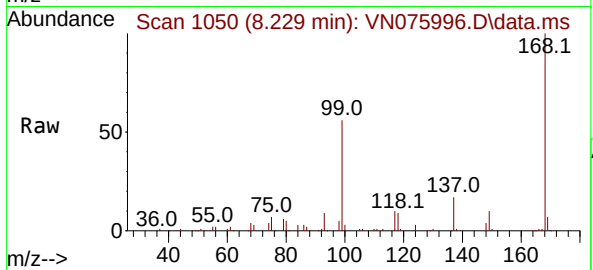




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075996.D
Acq: 28 Dec 2022 13:45

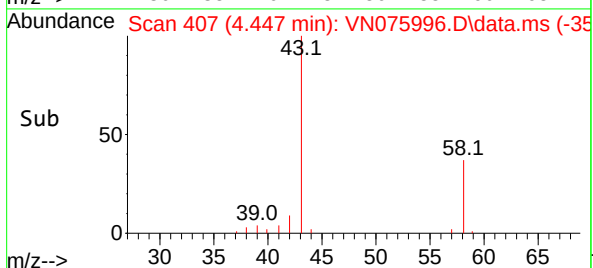
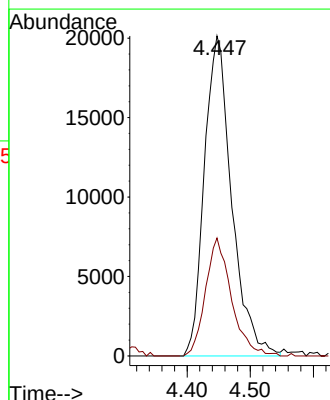
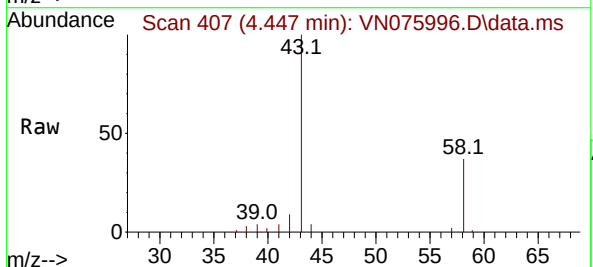
Instrument :
MSVOA_N
ClientSampleId :
PL-502A-COMP-3

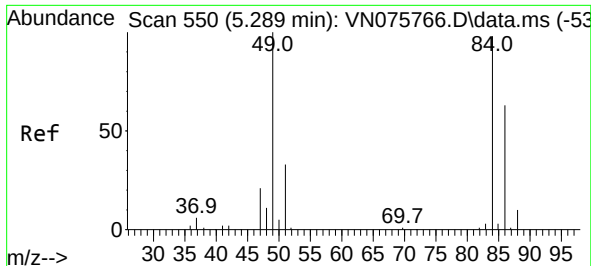
Tgt Ion:168 Resp: 324721
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4



#16
Acetone
Concen: 49.708 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075996.D
Acq: 28 Dec 2022 13:45

Tgt Ion: 43 Resp: 60533
Ion Ratio Lower Upper
43 100
58 36.8 28.6 43.0

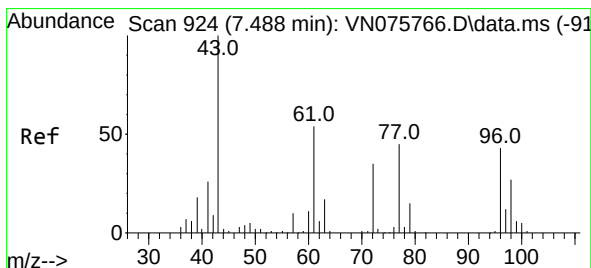
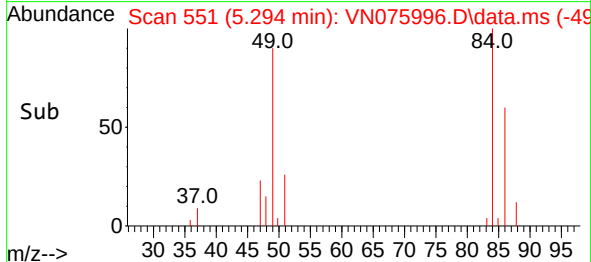
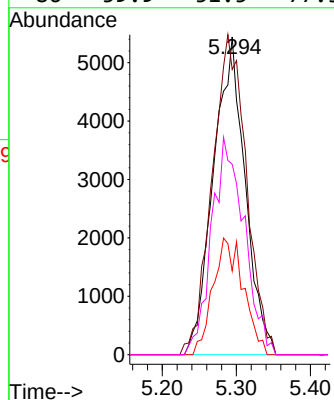
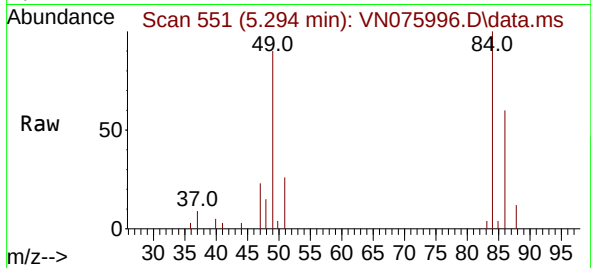




#20
Methylene Chloride
Concen: 4.366 ug/l
RT: 5.294 min Scan# 511
Delta R.T. 0.005 min
Lab File: VN075996.D
Acq: 28 Dec 2022 13:45

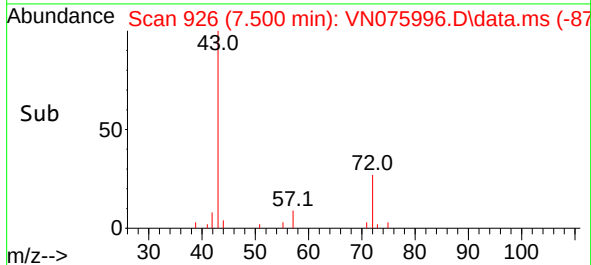
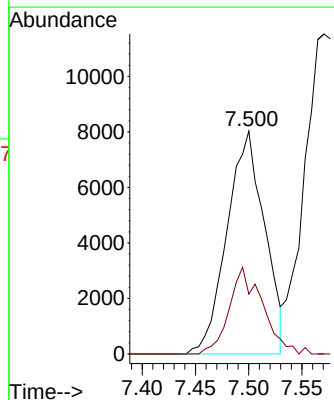
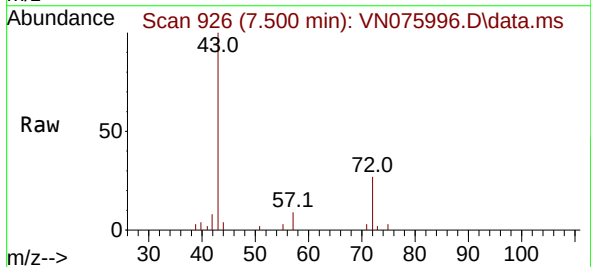
Instrument :
MSVOA_N
ClientSampleId :
PL-502A-COMP-3

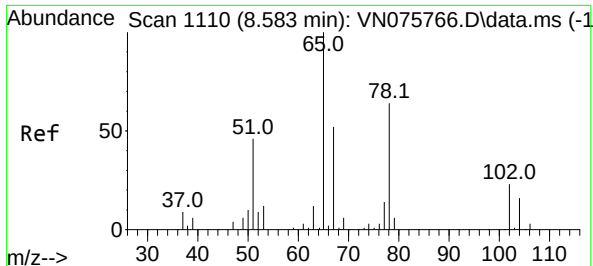
Tgt Ion:	84	Resp:	16128
Ion	Ratio	Lower	Upper
84	100		
49	89.8	81.8	122.6
51	26.3	26.7	40.1#
86	59.9	51.5	77.3



#25
2-Butanone
Concen: 11.538 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN075996.D
Acq: 28 Dec 2022 13:45

Tgt Ion:	43	Resp:	19673
Ion	Ratio	Lower	Upper
43	100		
72	26.8	28.0	42.0#





#33

1,2-Dichloroethane-d4

Concen: 48.627 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075996.D

Acq: 28 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

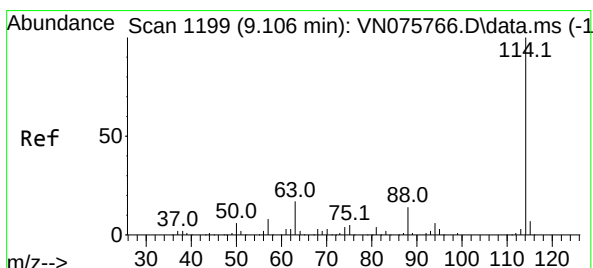
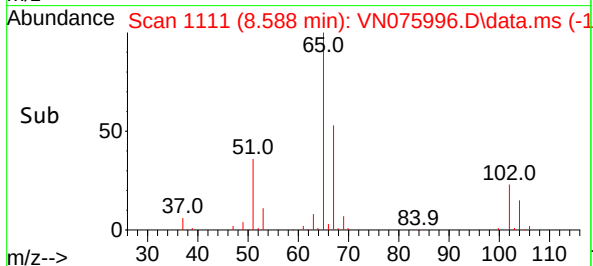
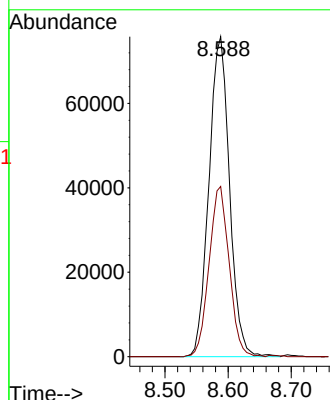
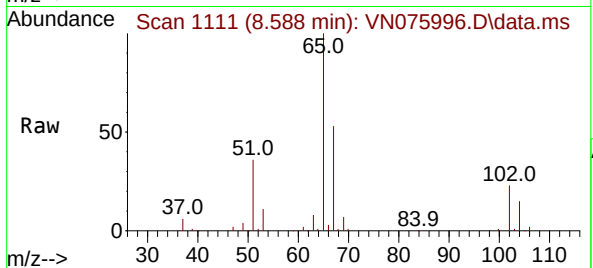
PL-502A-COMP-3

Tgt Ion: 65 Resp: 171784

Ion Ratio Lower Upper

65 100

67 51.9 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: VN075996.D

Acq: 28 Dec 2022 13:45

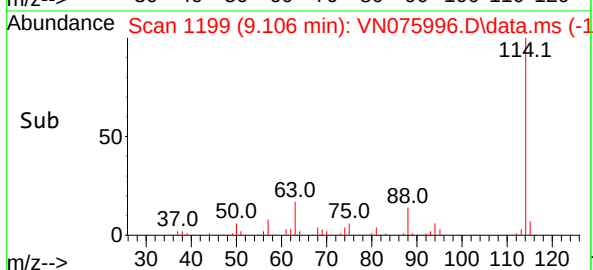
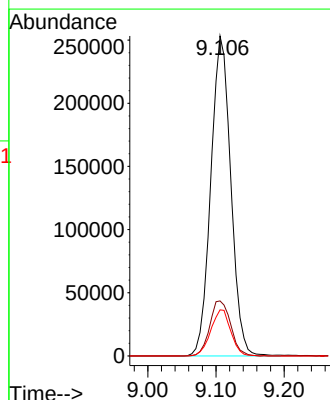
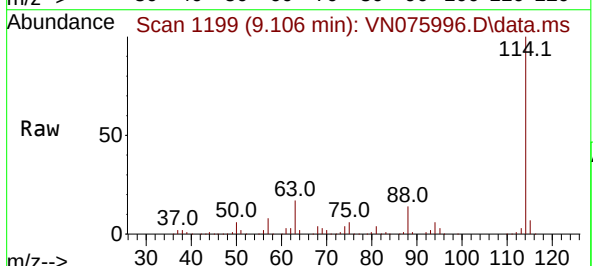
Tgt Ion: 114 Resp: 516732

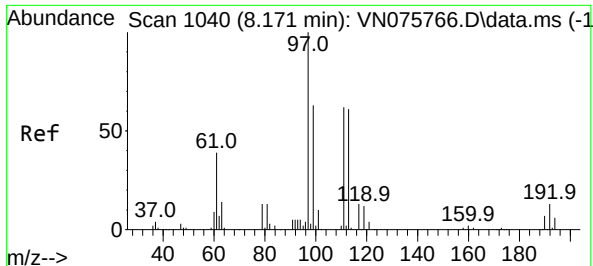
Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

88 14.4 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.293 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075996.D

Acq: 28 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

PL-502A-COMP-3

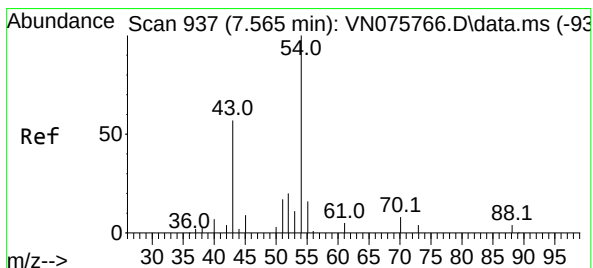
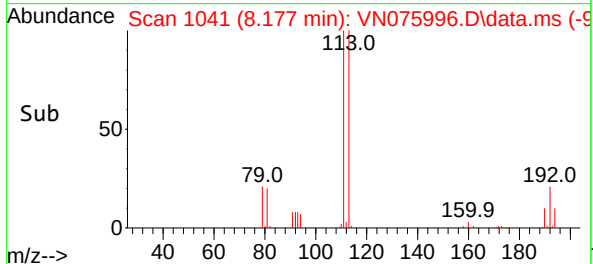
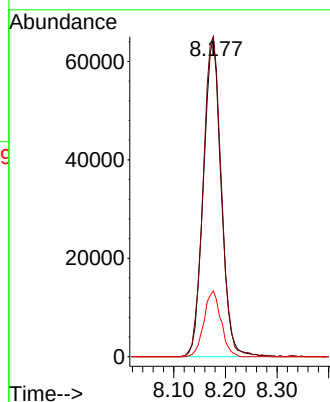
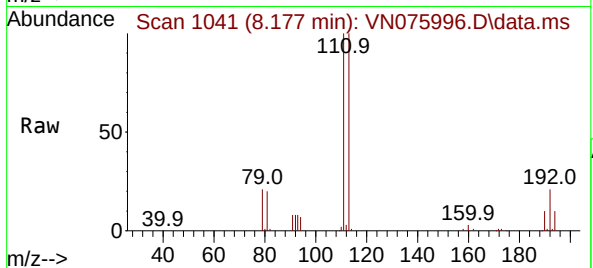
Tgt Ion:113 Resp: 154540

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

192 19.8 16.1 24.1



#37

Ethyl Acetate

Concen: 9.250 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN075996.D

Acq: 28 Dec 2022 13:45

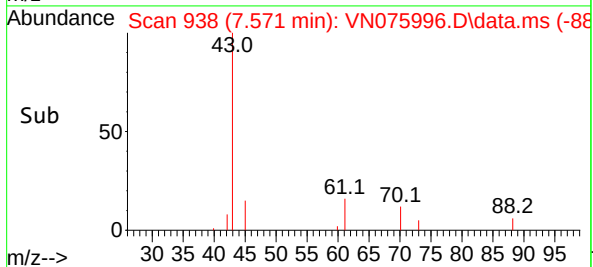
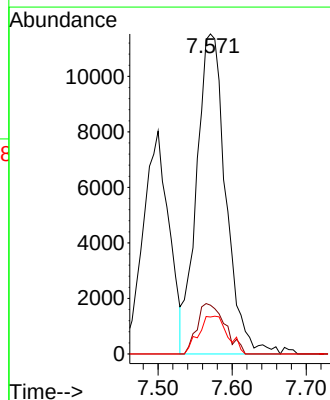
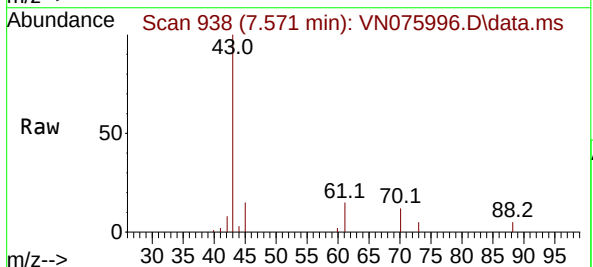
Tgt Ion: 43 Resp: 31584

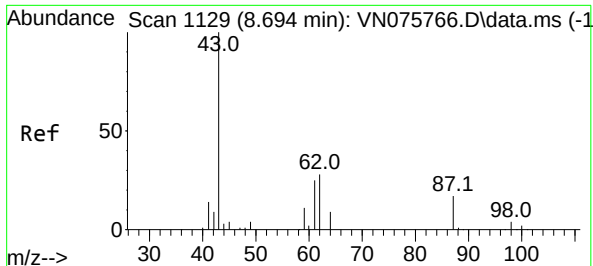
Ion Ratio Lower Upper

43 100

61 15.1 13.0 19.4

70 11.6 9.4 14.0





#43

Isopropyl Acetate

Concen: 37.405 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN075996.D

Acq: 28 Dec 2022 13:45

Instrument :

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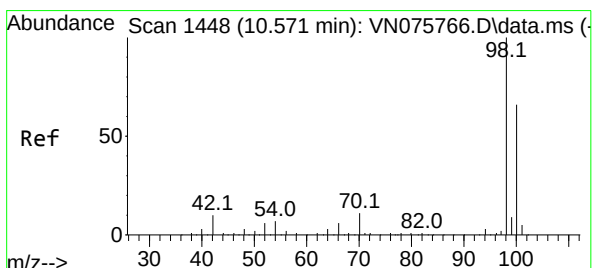
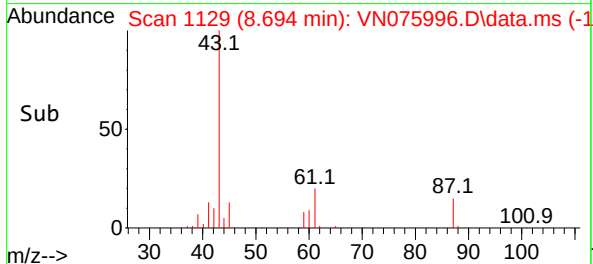
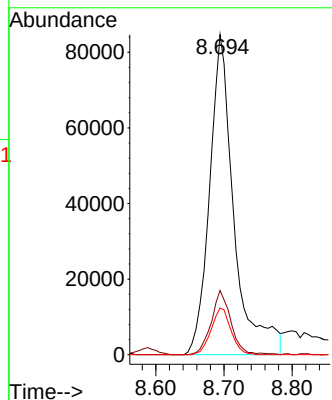
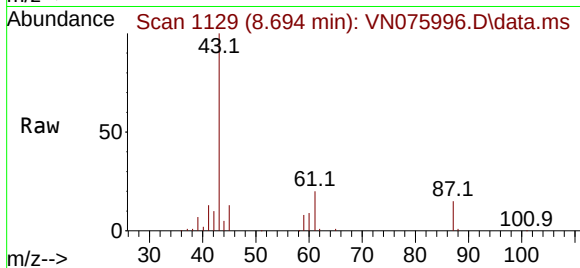
Tgt Ion: 43 Resp: 210687

Ion Ratio Lower Upper

43 100

61 16.2 24.2 36.4#

87 11.8 13.3 19.9#



#50

Toluene-d8

Concen: 51.574 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075996.D

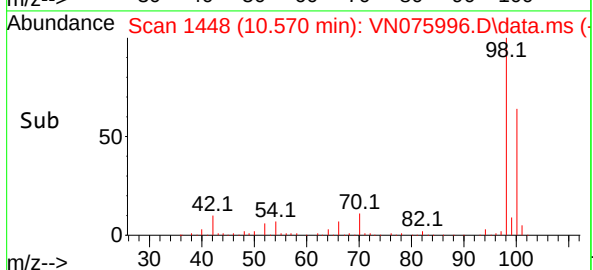
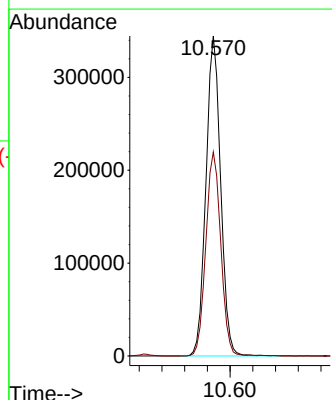
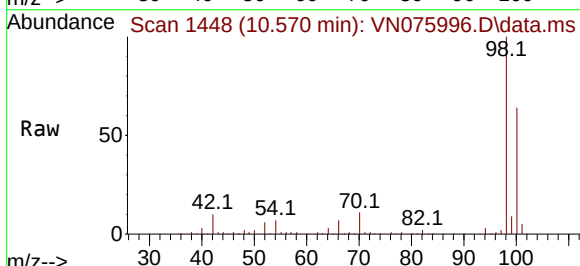
Acq: 28 Dec 2022 13:45

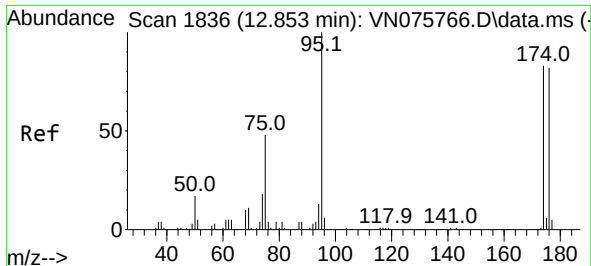
Tgt Ion: 98 Resp: 617065

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1

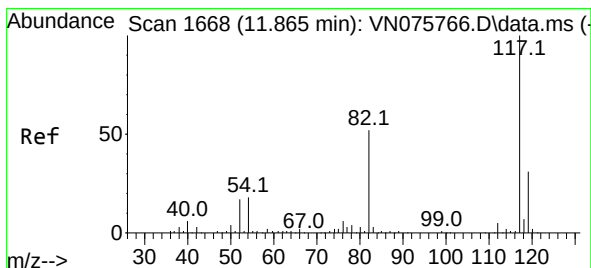
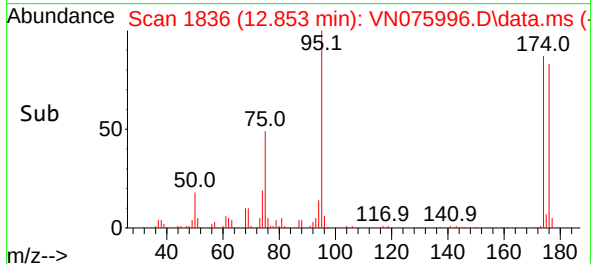
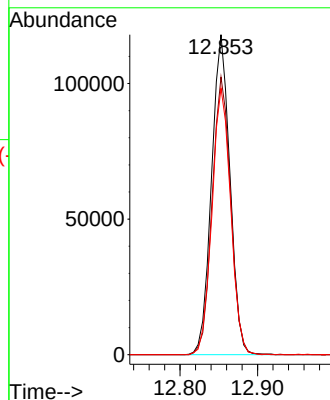
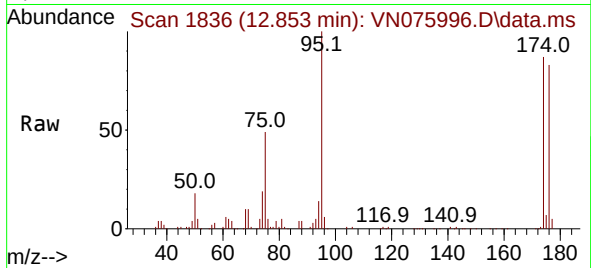




#62
4-Bromofluorobenzene
Concen: 49.252 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075996.D
Acq: 28 Dec 2022 13:45

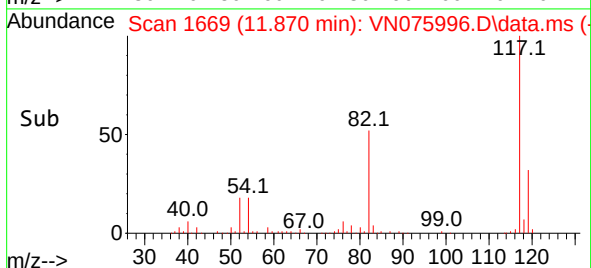
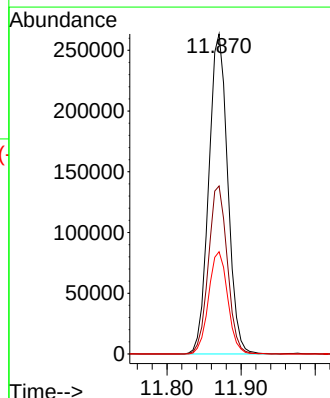
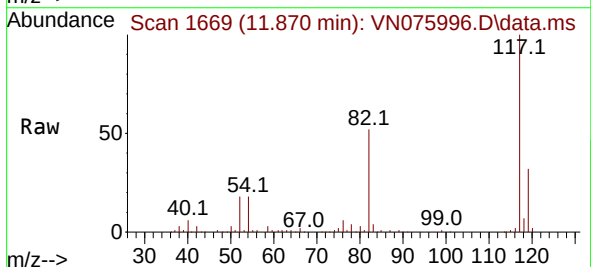
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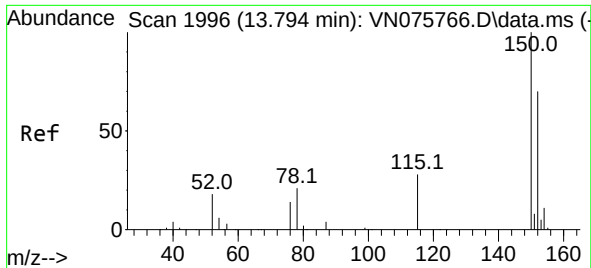
Tgt Ion: 95 Resp: 195177
Ion Ratio Lower Upper
95 100
174 87.3 0.0 171.6
176 84.2 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075996.D
Acq: 28 Dec 2022 13:45

Tgt Ion: 117 Resp: 468416
Ion Ratio Lower Upper
117 100
82 52.5 41.3 61.9
119 32.0 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: VN075996.D

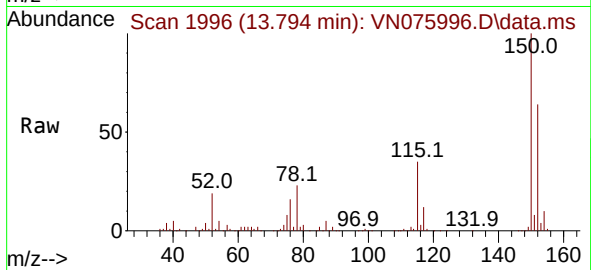
Acq: 28 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

PL-502A-COMP-3



Tgt Ion:152 Resp: 202829

Ion Ratio Lower Upper

152 100

115 56.3 29.1 87.4

150 157.1 0.0 347.0

