

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075617.D
 Acq On : 07 Dec 2022 19:31
 Operator : JC\MD
 Sample : N5897-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 21G4

Quant Time: Dec 08 00:23:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

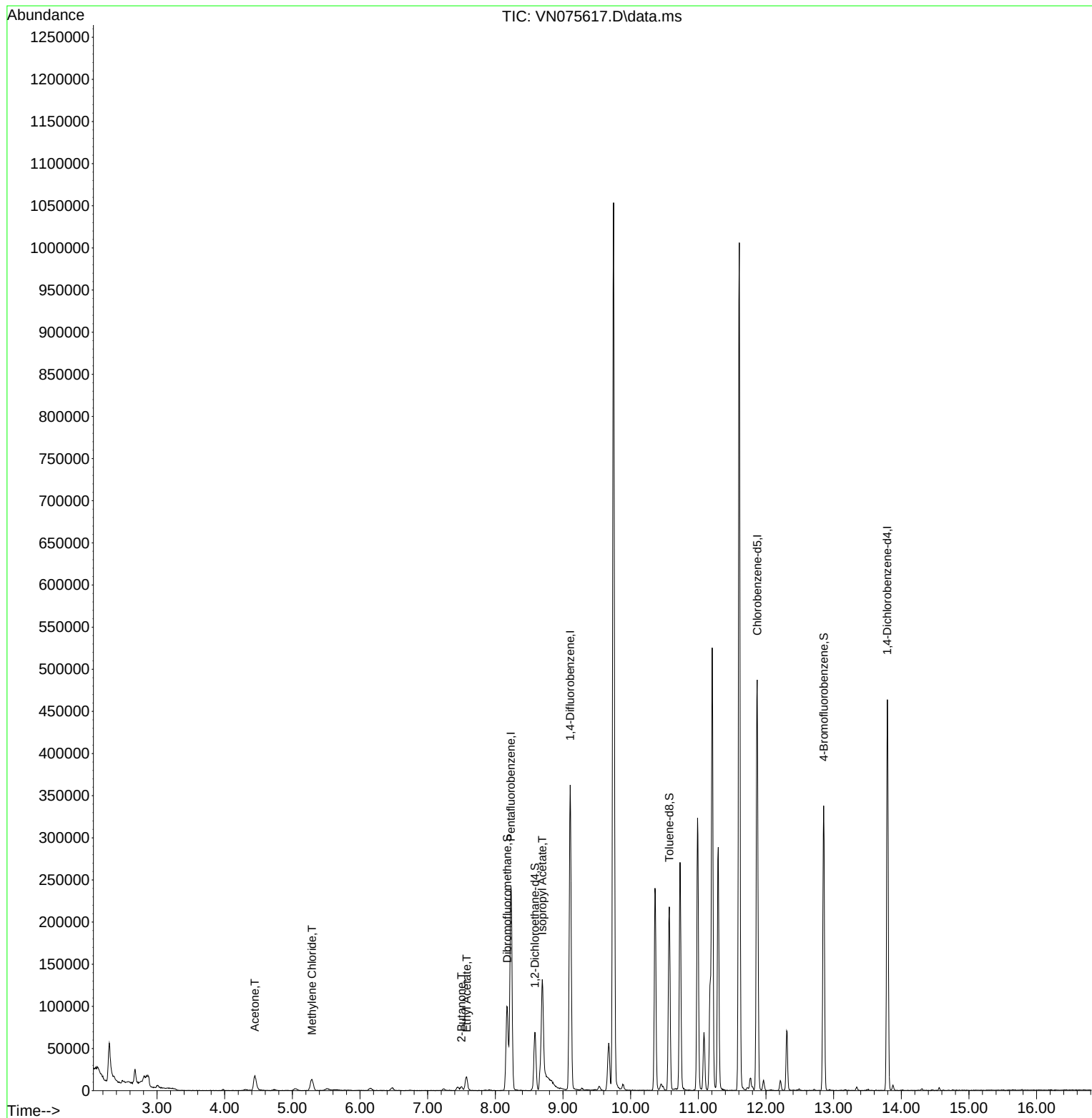
Internal Standards						
1) Pentafluorobenzene	8.230	168	195488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	332353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	303303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	57191	54.501	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.000%			
35) Dibromofluoromethane	8.177	113	71815	55.006	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.020%			
50) Toluene-d8	10.571	98	158294	53.831	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.660%			
62) 4-Bromofluorobenzene	12.853	95	114558	52.781	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.560%			
Target Compounds					Qvalue	
16) Acetone	4.447	43	33401	34.125	ug/l	99
20) Methylene Chloride	5.289	84	11208	4.483	ug/l	91
25) 2-Butanone	7.500	43	7000	5.123	ug/l	98
37) Ethyl Acetate	7.577	43	24751	9.654	ug/l	97
43) Isopropyl Acetate	8.694	43	182746	44.409	ug/l #	79

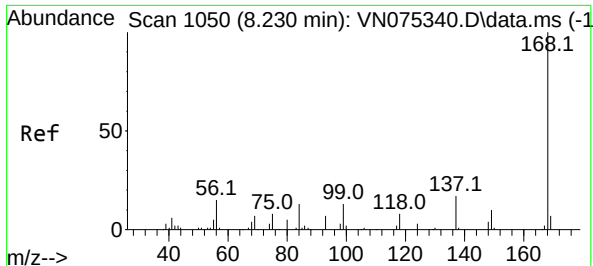
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
Data File : VN075617.D
Acq On : 07 Dec 2022 19:31
Operator : JC\MD
Sample : N5897-18
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
21G4

Quant Time: Dec 08 00:23:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

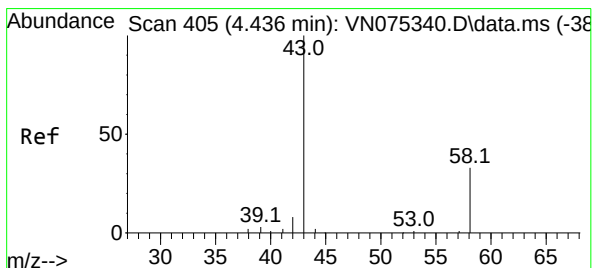
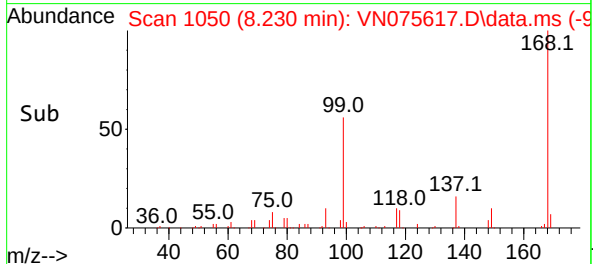
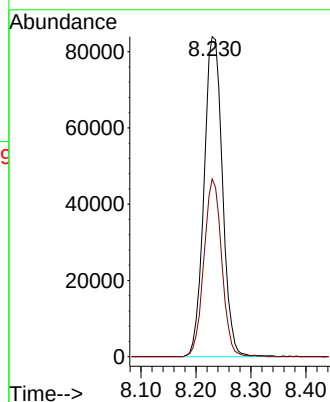
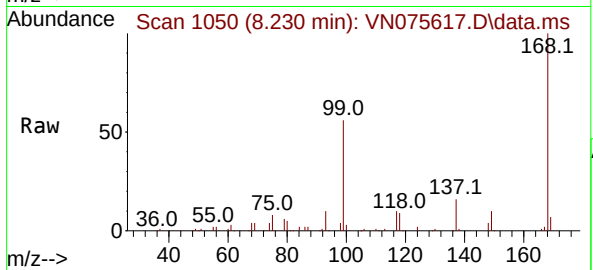




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075617.D
Acq: 07 Dec 2022 19:31

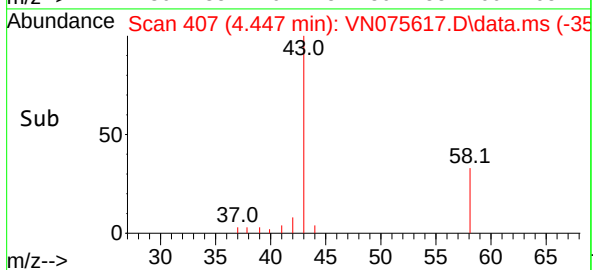
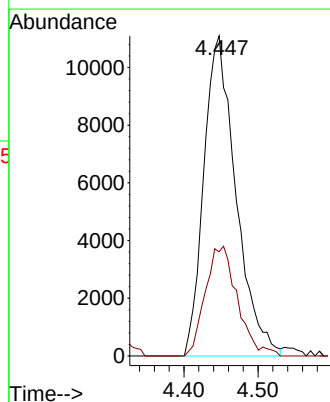
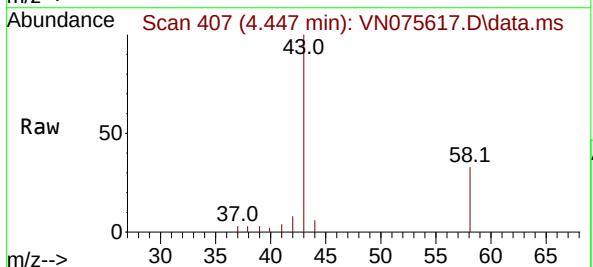
Instrument :
MSVOA_N
ClientSampleId :
21G4

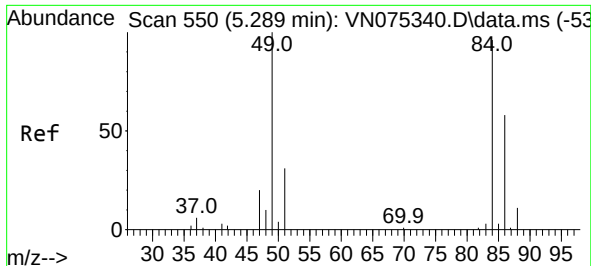
Tgt Ion:168 Resp: 195488
Ion Ratio Lower Upper
168 100
99 55.5 51.6 77.4



#16
Acetone
Concen: 34.125 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.011 min
Lab File: VN075617.D
Acq: 07 Dec 2022 19:31

Tgt Ion: 43 Resp: 33401
Ion Ratio Lower Upper
43 100
58 32.5 25.5 38.3





#20

Methylene Chloride

Concen: 4.483 ug/l

RT: 5.289 min Scan# 511

Delta R.T. -0.000 min

Lab File: VN075617.D

Acq: 07 Dec 2022 19:31

Instrument :

MSVOA_N

ClientSampleId :

21G4

Tgt Ion: 84 Resp: 11208

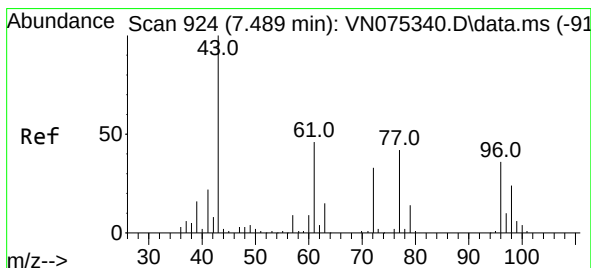
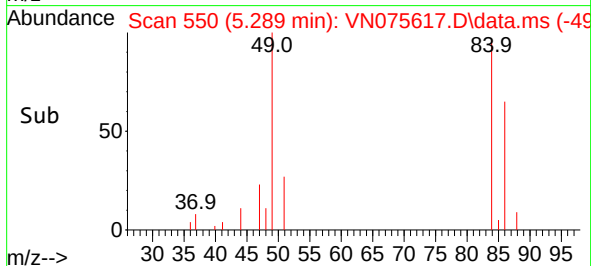
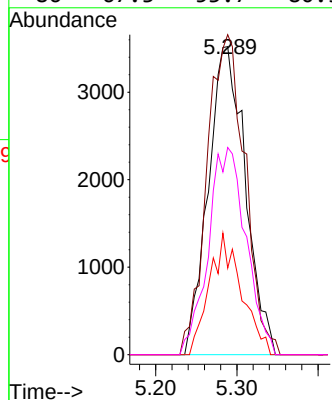
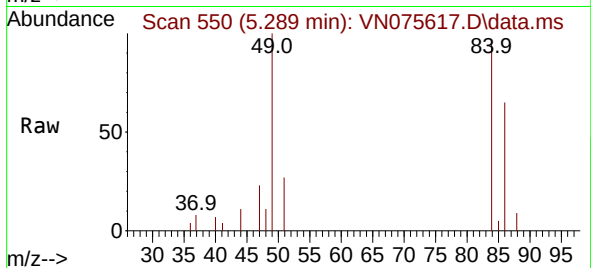
Ion Ratio Lower Upper

84 100

49 103.9 94.9 142.3

51 28.1 26.8 40.2

86 67.3 53.7 80.5



#25

2-Butanone

Concen: 5.123 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.011 min

Lab File: VN075617.D

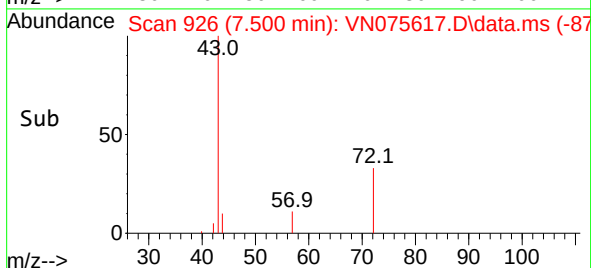
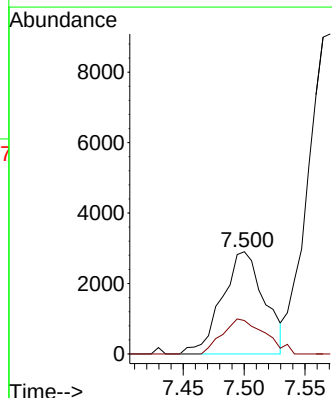
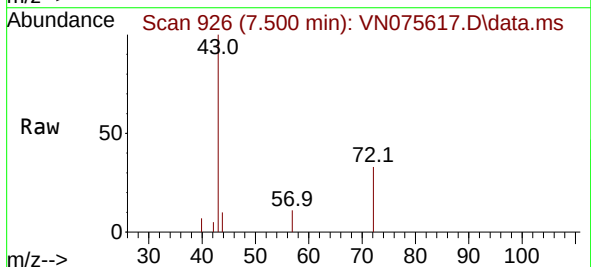
Acq: 07 Dec 2022 19:31

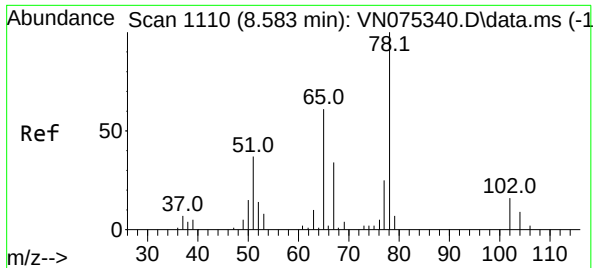
Tgt Ion: 43 Resp: 7000

Ion Ratio Lower Upper

43 100

72 32.8 25.5 38.3





#33

1,2-Dichloroethane-d4

Concen: 54.501 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075617.D

Acq: 07 Dec 2022 19:31

Instrument :

MSVOA_N

ClientSampleId :

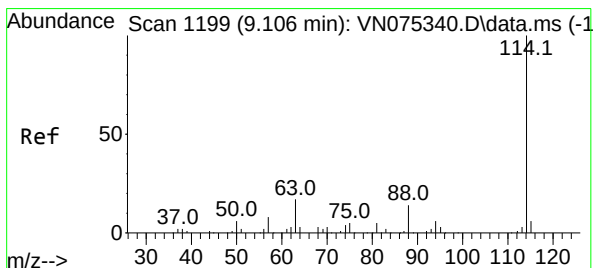
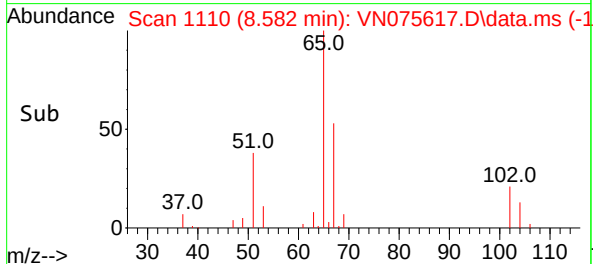
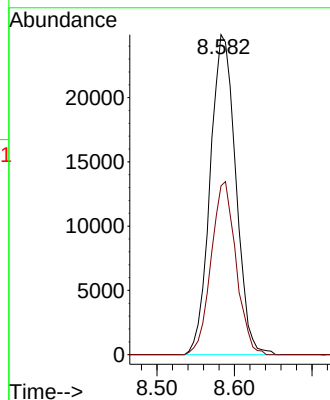
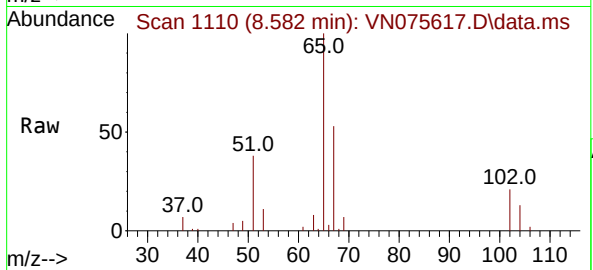
21G4

Tgt Ion: 65 Resp: 57191

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075617.D

Acq: 07 Dec 2022 19:31

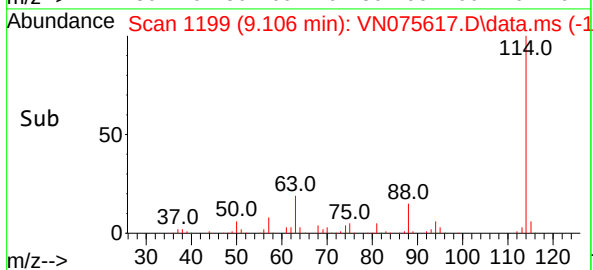
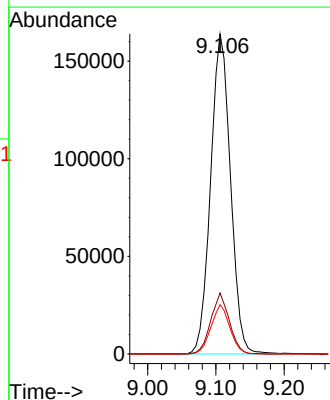
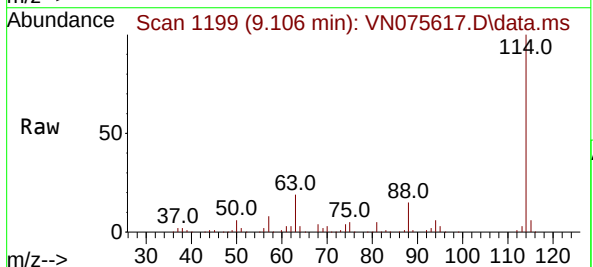
Tgt Ion: 114 Resp: 332353

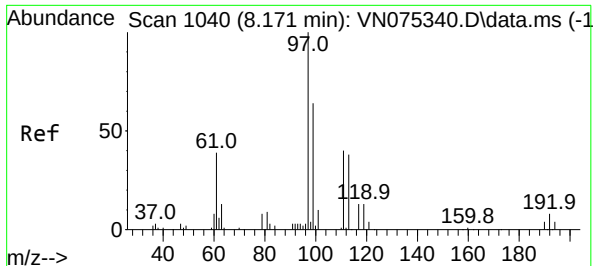
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 15.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 55.006 ug/l

RT: 8.177 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN075617.D

Acq: 07 Dec 2022 19:31

Instrument :

MSVOA_N

ClientSampleId :

21G4

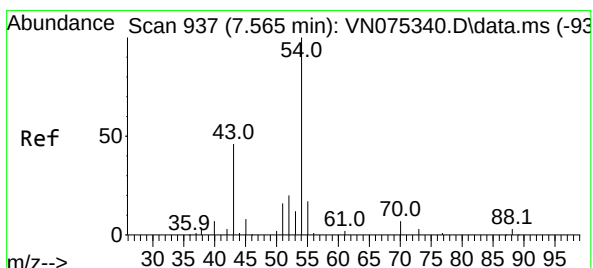
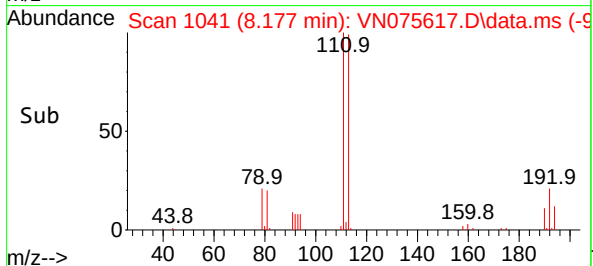
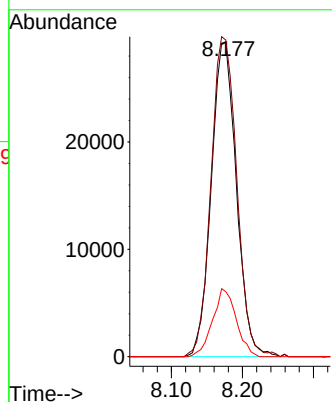
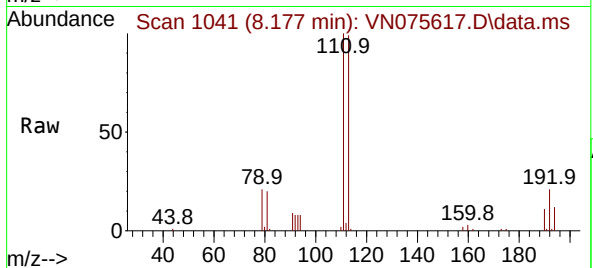
Tgt Ion:113 Resp: 71815

Ion Ratio Lower Upper

113 100

111 104.3 80.5 120.7

192 20.4 13.2 19.8#



#37

Ethyl Acetate

Concen: 9.654 ug/l

RT: 7.577 min Scan# 939

Delta R.T. 0.012 min

Lab File: VN075617.D

Acq: 07 Dec 2022 19:31

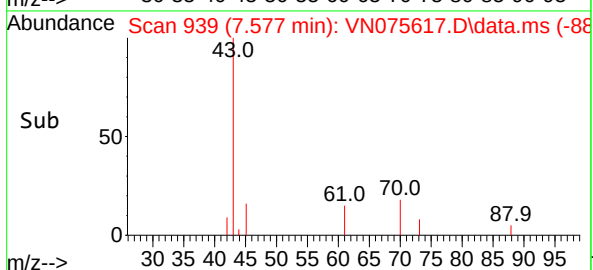
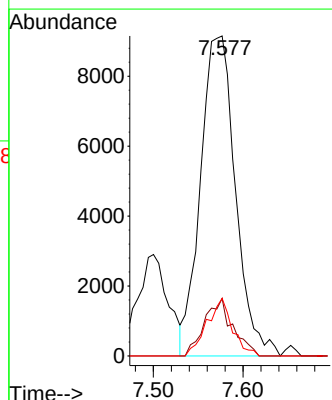
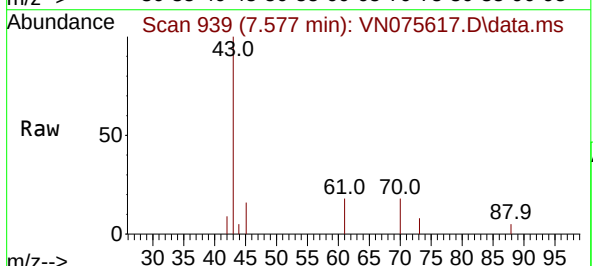
Tgt Ion: 43 Resp: 24751

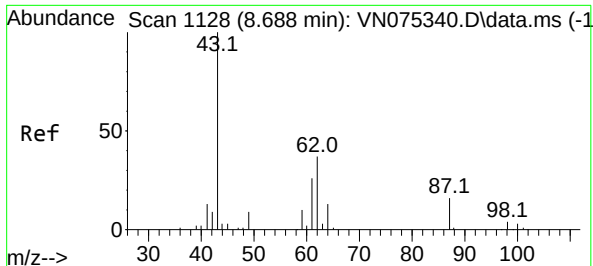
Ion Ratio Lower Upper

43 100

61 14.5 12.2 18.4

70 13.2 9.4 14.2

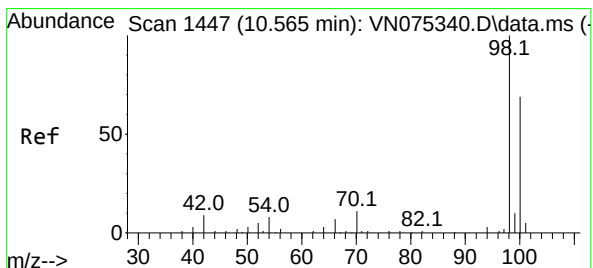
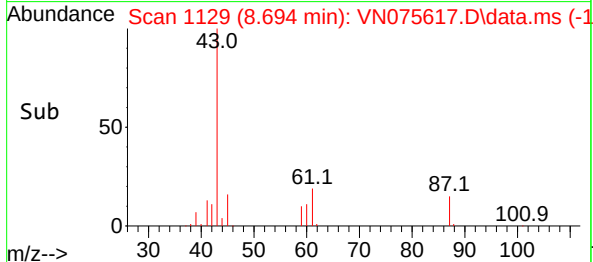
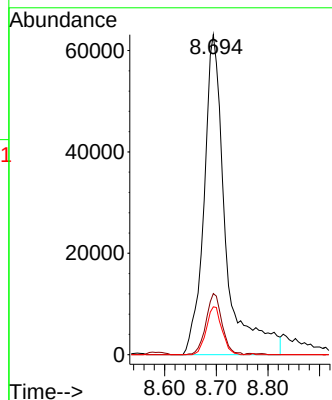
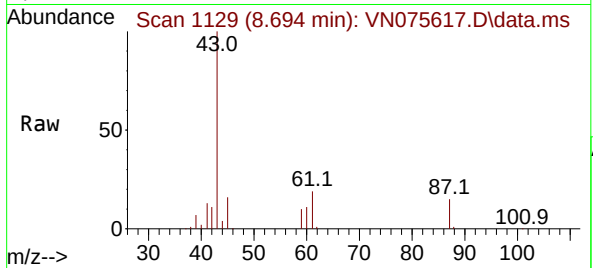




#43
Isopropyl Acetate
Concen: 44.409 ug/l
RT: 8.694 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN075617.D
Acq: 07 Dec 2022 19:31

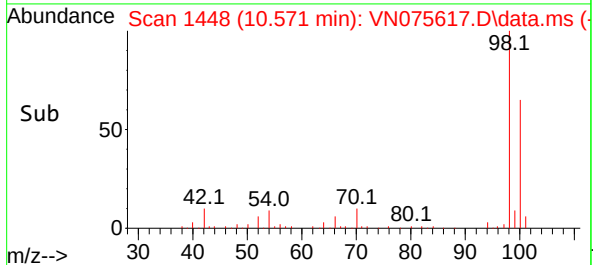
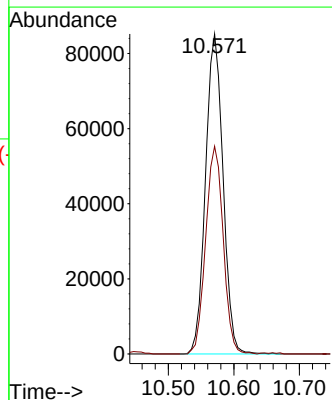
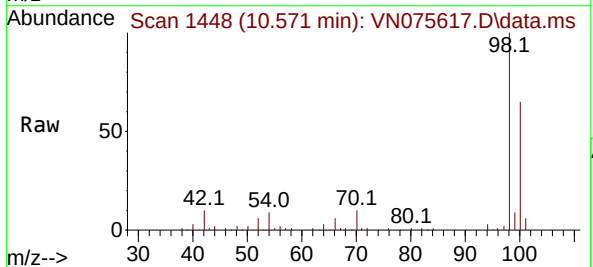
Instrument :
MSVOA_N
ClientSampleId :
21G4

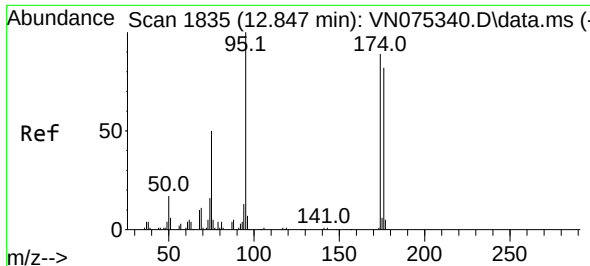
Tgt Ion: 43 Resp: 182746
Ion Ratio Lower Upper
43 100
61 14.2 22.4 33.6#
87 10.8 12.5 18.7#



#50
Toluene-d8
Concen: 53.831 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075617.D
Acq: 07 Dec 2022 19:31

Tgt Ion: 98 Resp: 158294
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.6

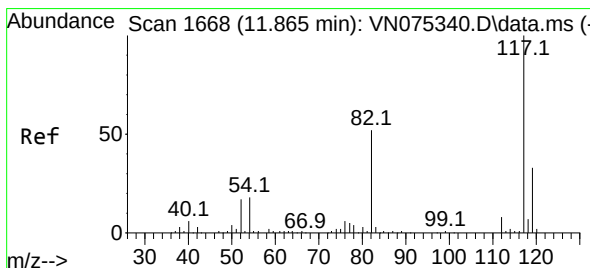
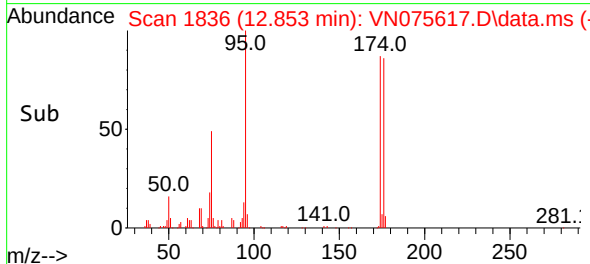
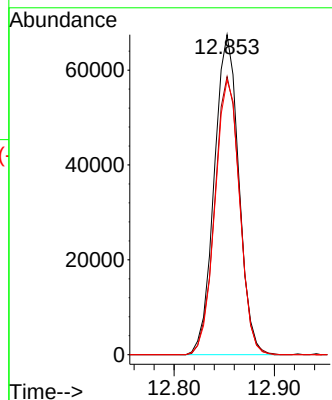
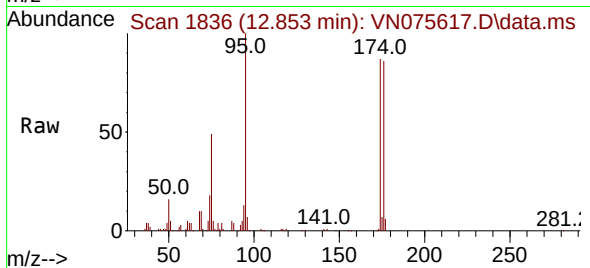




#62
4-Bromofluorobenzene
Concen: 52.781 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075617.D
Acq: 07 Dec 2022 19:31

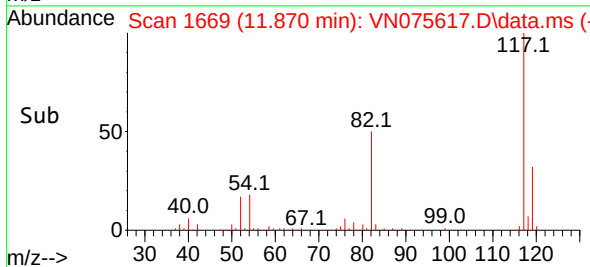
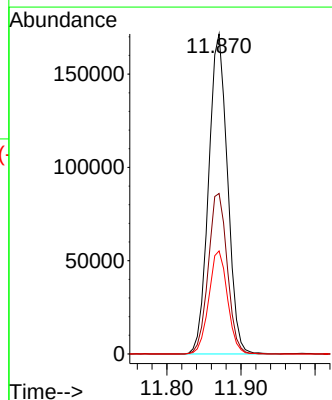
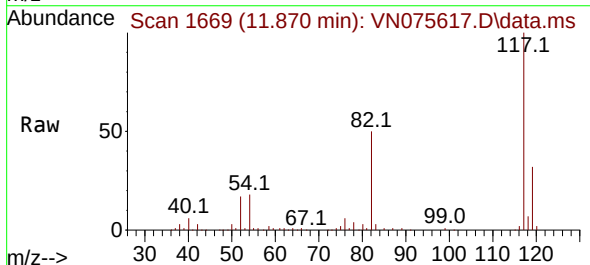
Instrument :
MSVOA_N
ClientSampleId :
21G4

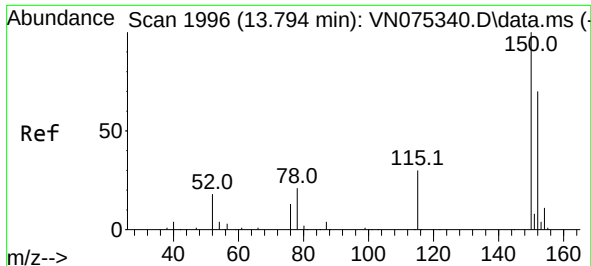
Tgt Ion: 95 Resp: 114558
Ion Ratio Lower Upper
95 100
174 88.0 0.0 147.4
176 86.3 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN075617.D
Acq: 07 Dec 2022 19:31

Tgt Ion: 117 Resp: 303303
Ion Ratio Lower Upper
117 100
82 50.1 43.1 64.7
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN075617.D

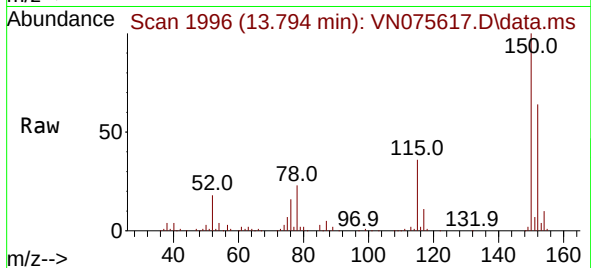
Acq: 07 Dec 2022 19:31

Instrument :

MSVOA_N

ClientSampleId :

21G4



Tgt Ion:152 Resp: 134576

Ion Ratio Lower Upper

152 100

115 56.6 30.2 90.6

150 156.6 0.0 348.4

