

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080343.D
 Acq On : 04 Dec 2023 17:09
 Operator : JC\MD
 Sample : 05602-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ROUTE-4-TP-4

Quant Time: Dec 05 04:18:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

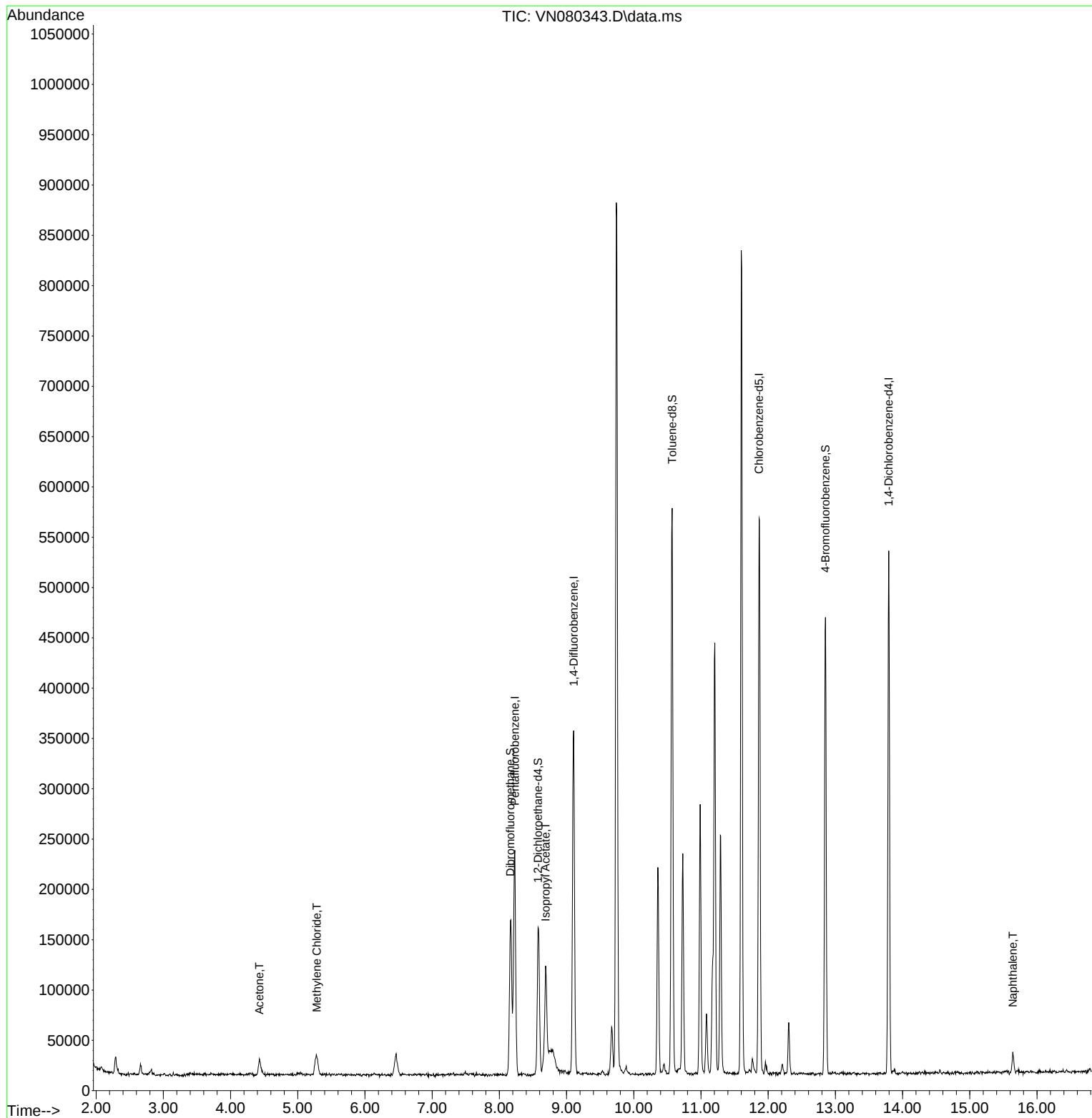
Internal Standards						
1) Pentafluorobenzene	8.230	168	150319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	290851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	318925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139311	56.128	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	=	112.260%	
35) Dibromofluoromethane	8.165	113	110605	51.538	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	103.080%	
50) Toluene-d8	10.571	98	395802	51.162	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	=	102.320%	
62) 4-Bromofluorobenzene	12.853	95	158575	54.267	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	=	108.540%	
Target Compounds						Qvalue
16) Acetone	4.430	43	27048	32.445	ug/l	94
20) Methylene Chloride	5.283	84	17371	9.950	ug/l	97
43) Isopropyl Acetate	8.688	43	124028	29.573	ug/l #	79
95) Naphthalene	15.641	128	18107	2.278	ug/l	97

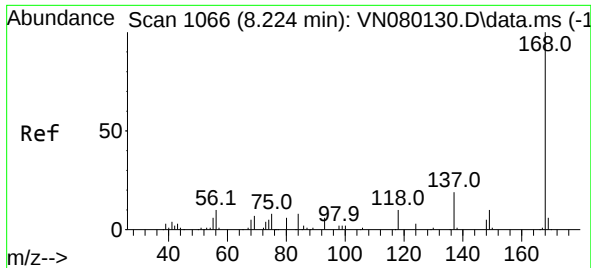
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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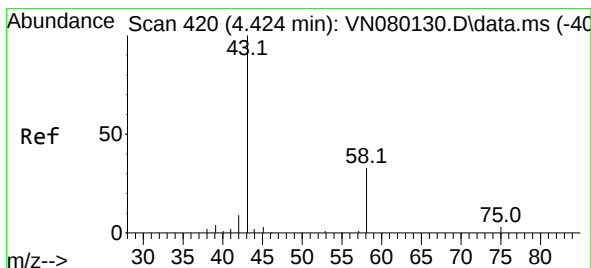
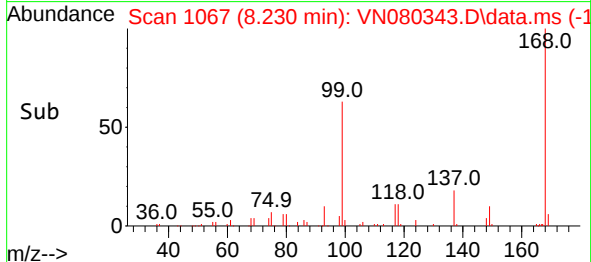
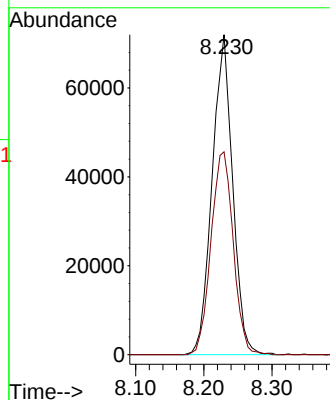
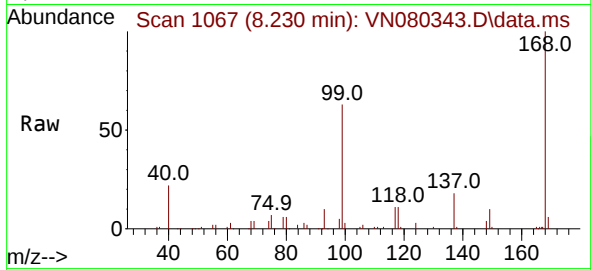




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080343.D
Acq: 04 Dec 2023 17:09

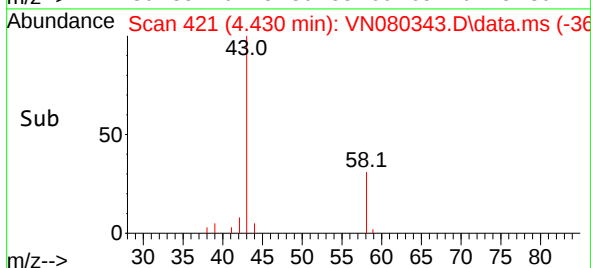
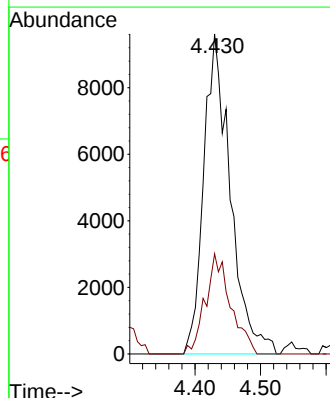
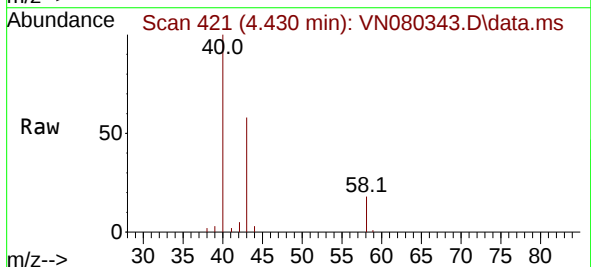
Instrument :
MSVOA_N
ClientSampleId :
ROUTE-4-TP-4

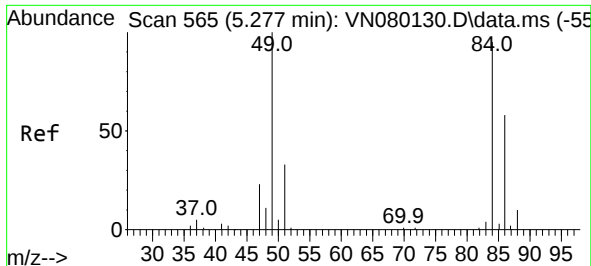
Tgt Ion:168 Resp: 150319
Ion Ratio Lower Upper
168 100
99 63.4 53.0 79.6



#16
Acetone
Concen: 32.445 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080343.D
Acq: 04 Dec 2023 17:09

Tgt Ion: 43 Resp: 27048
Ion Ratio Lower Upper
43 100
58 31.3 28.0 42.0

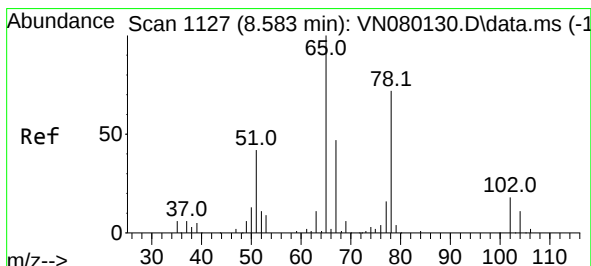
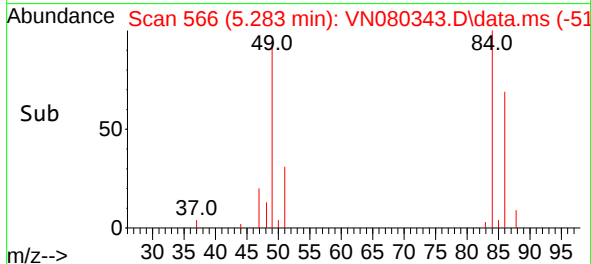
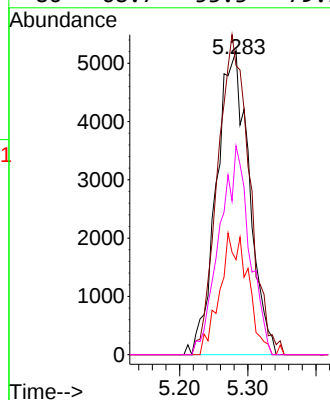
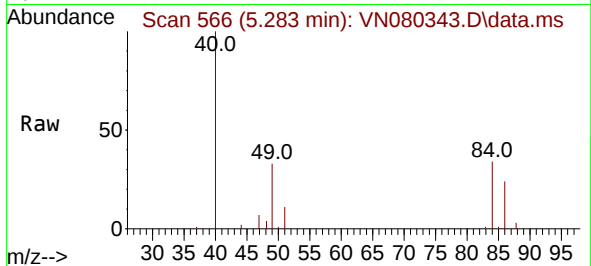




#20
Methylene Chloride
Concen: 9.950 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080343.D
Acq: 04 Dec 2023 17:09

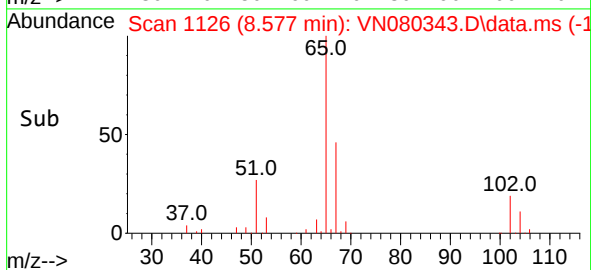
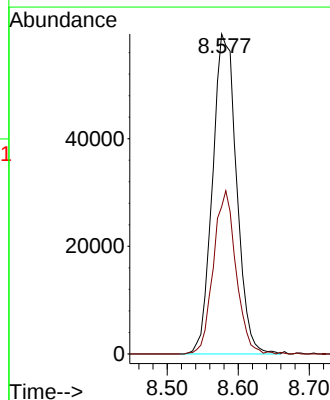
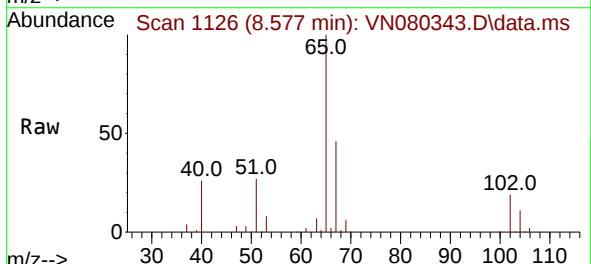
Instrument :
MSVOA_N
ClientSampleId :
ROUTE-4-TP-4

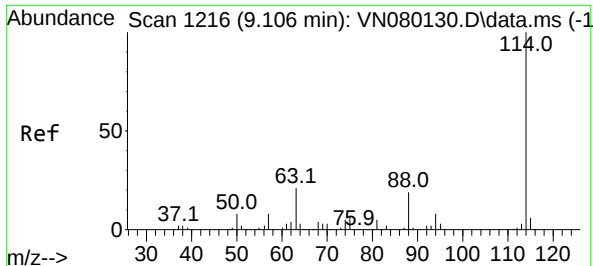
Tgt Ion: 84	Resp: 17371
Ion Ratio	Lower Upper
84 100	
49 95.1	79.7 119.5
51 31.3	25.2 37.8
86 68.7	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 56.128 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080343.D
Acq: 04 Dec 2023 17:09

Tgt Ion: 65	Resp: 139311
Ion Ratio	Lower Upper
65 100	
67 48.0	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080343.D

Acq: 04 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

ROUTE-4-TP-4

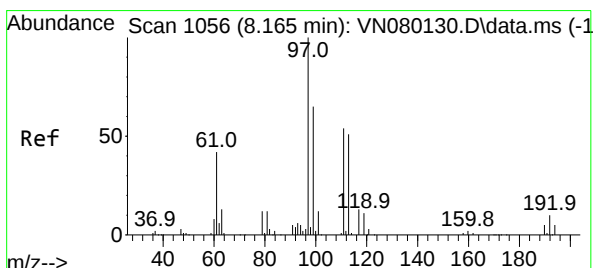
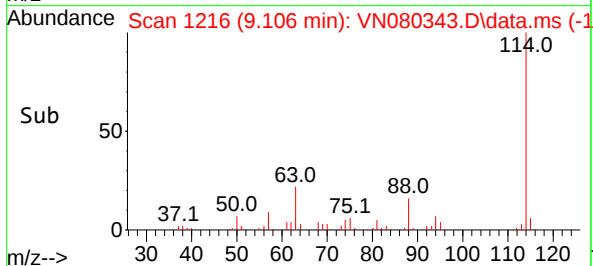
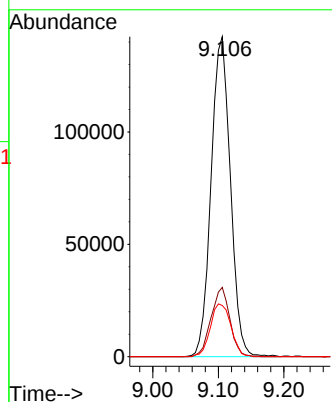
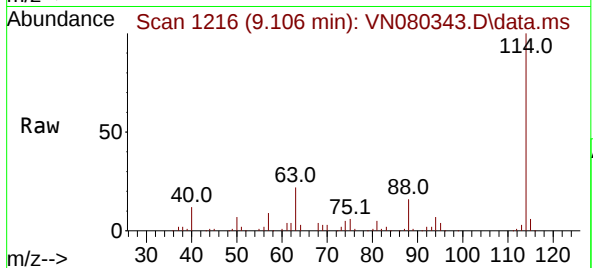
Tgt Ion:114 Resp: 290851

Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.538 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080343.D

Acq: 04 Dec 2023 17:09

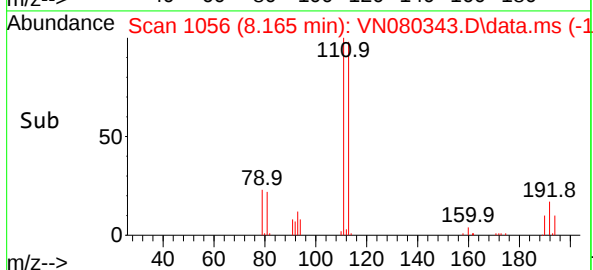
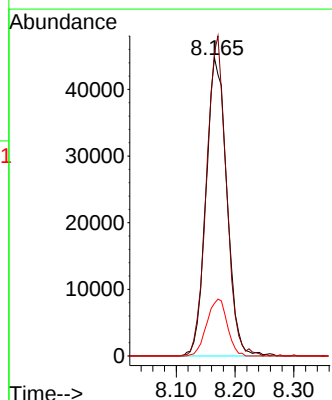
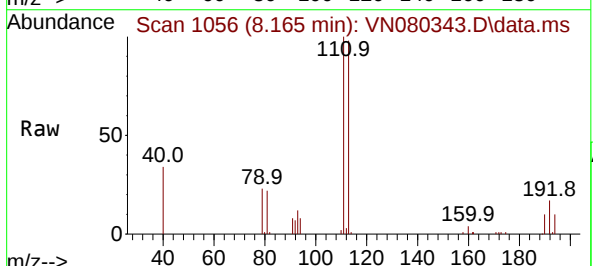
Tgt Ion:113 Resp: 110605

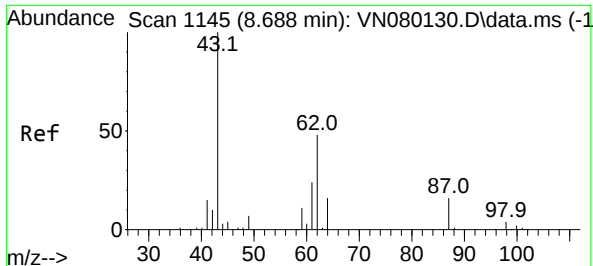
Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

192 18.6 12.7 19.1





#43

Isopropyl Acetate

Concen: 29.573 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080343.D

Acq: 04 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

ROUTE-4-TP-4

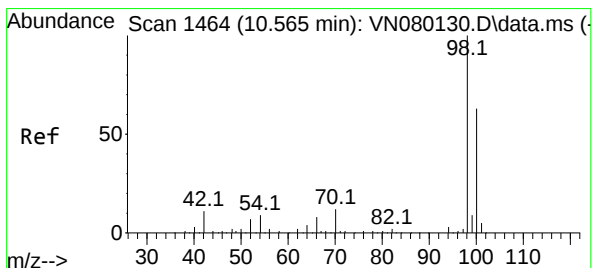
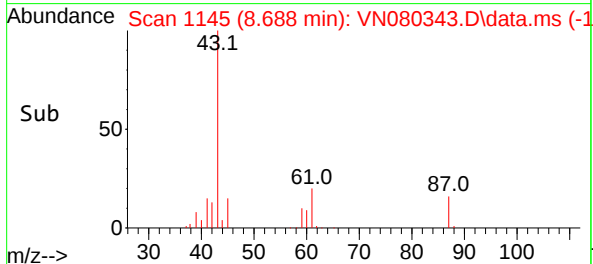
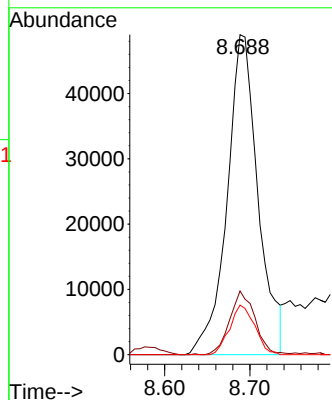
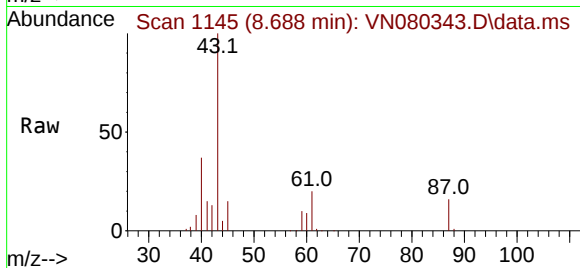
Tgt Ion: 43 Resp: 124028

Ion Ratio Lower Upper

43 100

61 16.3 24.7 37.1#

87 12.6 14.6 21.8#



#50

Toluene-d8

Concen: 51.162 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080343.D

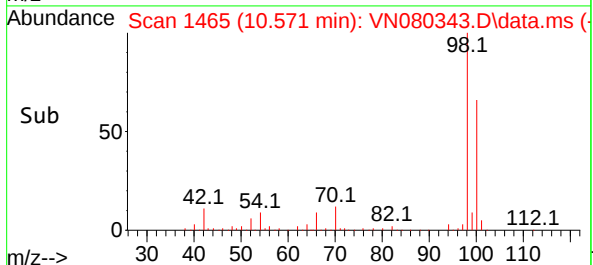
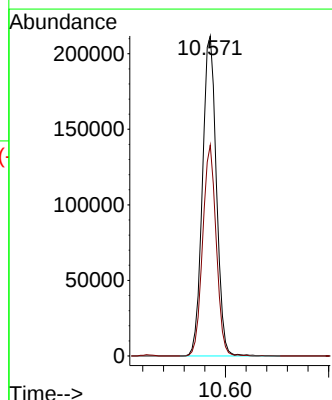
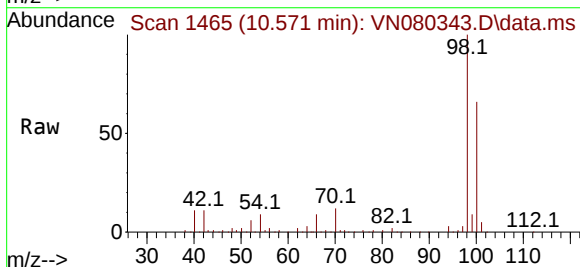
Acq: 04 Dec 2023 17:09

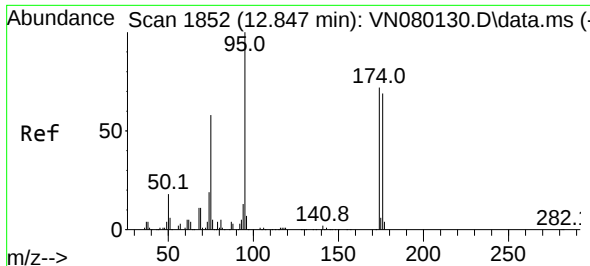
Tgt Ion: 98 Resp: 395802

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0

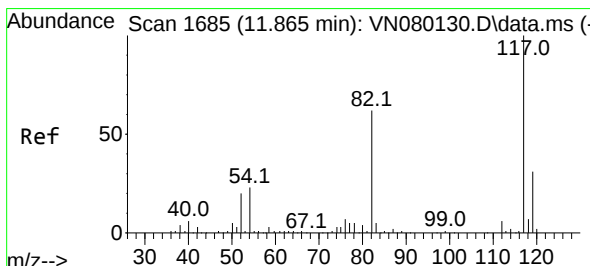
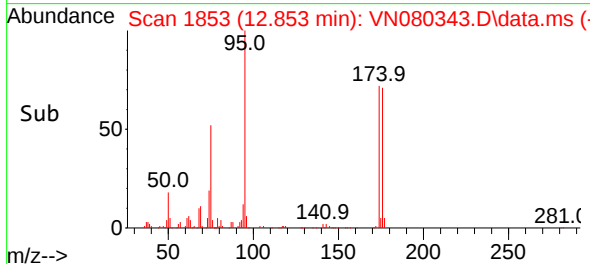
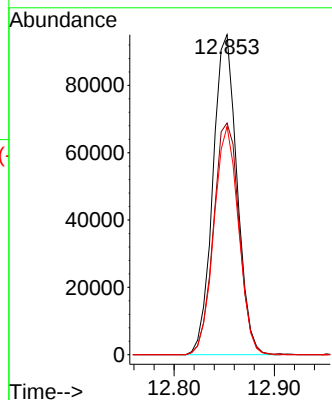
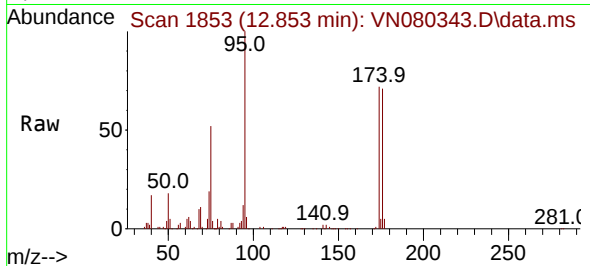




#62
4-Bromofluorobenzene
Concen: 54.267 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080343.D
Acq: 04 Dec 2023 17:09

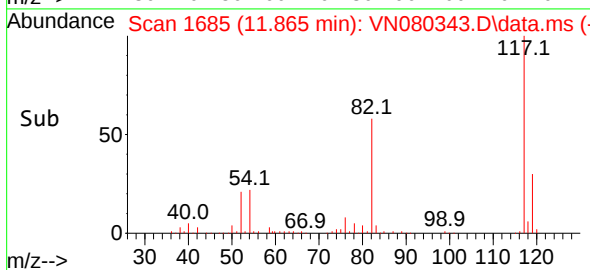
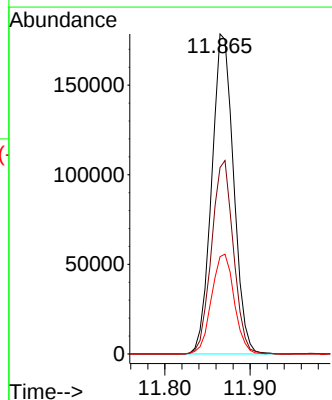
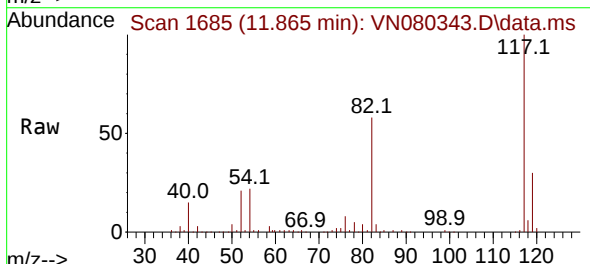
Instrument :
MSVOA_N
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ROUTE-4-TP-4

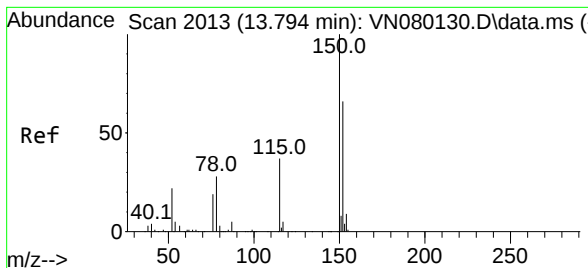
Tgt Ion: 95 Resp: 158575
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 73.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080343.D
Acq: 04 Dec 2023 17:09

Tgt Ion: 117 Resp: 318925
Ion Ratio Lower Upper
117 100
82 58.3 44.0 66.0
119 30.4 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080343.D

Acq: 04 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

ROUTE-4-TP-4

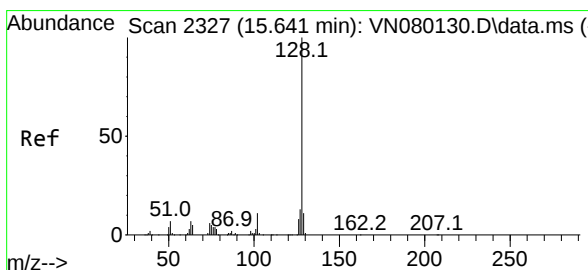
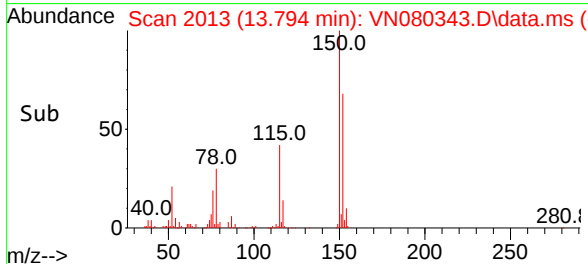
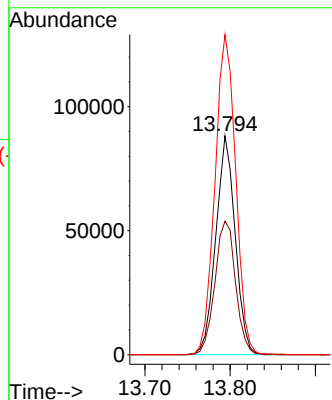
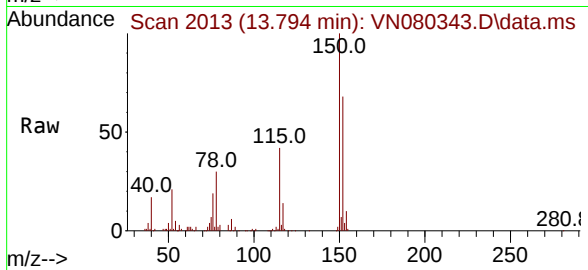
Tgt Ion:152 Resp: 139541

Ion Ratio Lower Upper

152 100

115 65.1 32.3 96.8

150 156.3 0.0 355.8



#95

Naphthalene

Concen: 2.278 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080343.D

Acq: 04 Dec 2023 17:09

Tgt Ion:128 Resp: 18107

Ion Ratio Lower Upper

128 100

127 14.2 10.0 15.0

129 11.7 8.7 13.1

