

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080344.D
 Acq On : 04 Dec 2023 17:33
 Operator : JC\MD
 Sample : 05602-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ROUTE-4-TP-5

Quant Time: Dec 05 04:19:46 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)

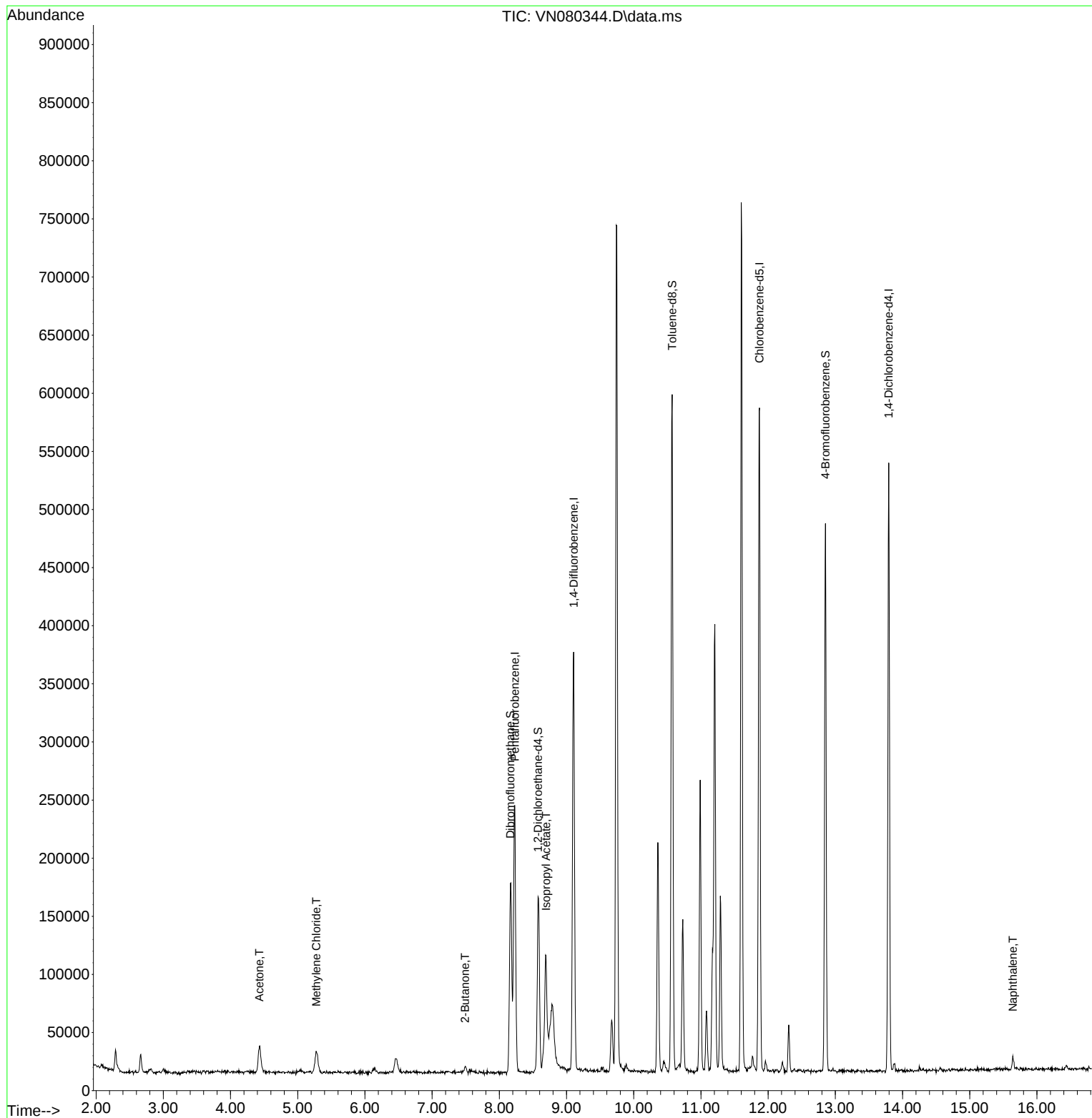
Internal Standards						
1) Pentafluorobenzene	8.230	168	157355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	307049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	329347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143678	55.299	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.600%			
35) Dibromofluoromethane	8.165	113	112848	49.809	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.620%			
50) Toluene-d8	10.571	98	409314	50.117	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.240%			
62) 4-Bromofluorobenzene	12.853	95	159025	51.550	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.100%			
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	41316	47.345	ug/l #	88
20) Methylene Chloride	5.277	84	17053	9.331	ug/l #	92
25) 2-Butanone	7.489	43	8583	8.278	ug/l	89
43) Isopropyl Acetate	8.694	43	124901	28.210	ug/l #	77
95) Naphthalene	15.641	128	11597	1.460	ug/l	98

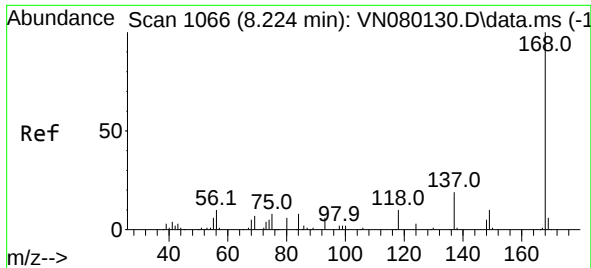
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
Data File : VN080344.D
Acq On : 04 Dec 2023 17:33
Operator : JC\MD
Sample : 05602-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ROUTE-4-TP-5

Quant Time: Dec 05 04:19:46 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

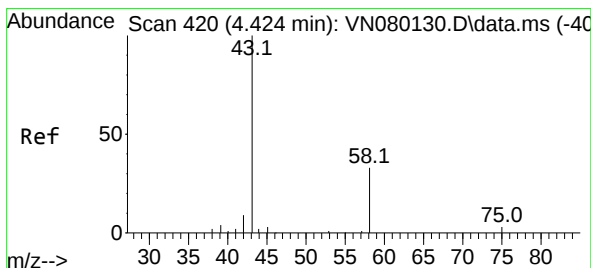
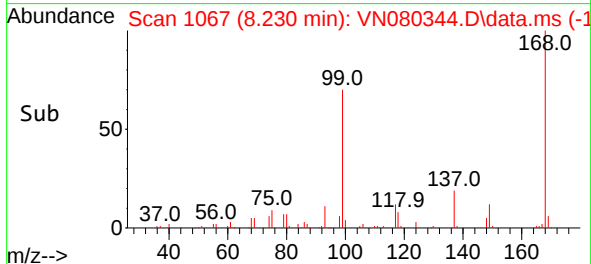
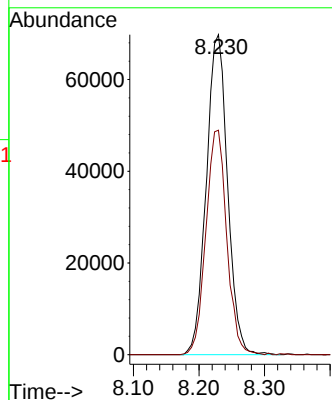
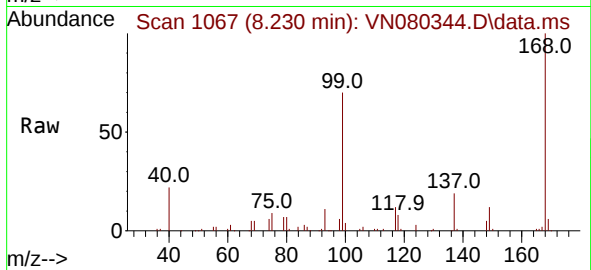




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080344.D
Acq: 04 Dec 2023 17:33

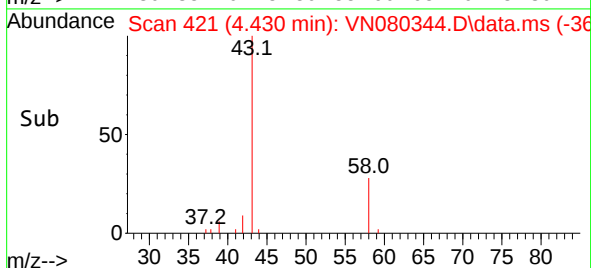
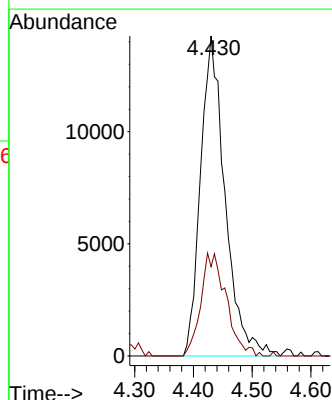
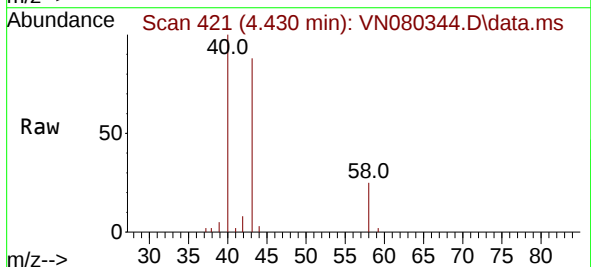
Instrument :
MSVOA_N
ClientSampleId :
ROUTE-4-TP-5

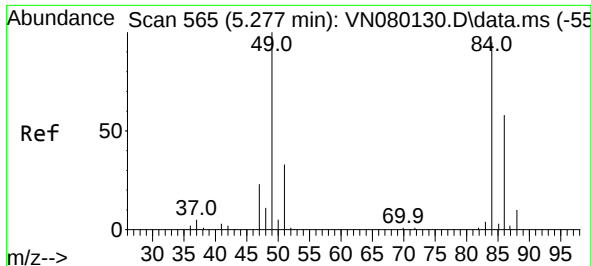
Tgt Ion:168 Resp: 157355
Ion Ratio Lower Upper
168 100
99 70.1 53.0 79.6



#16
Acetone
Concen: 47.345 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080344.D
Acq: 04 Dec 2023 17:33

Tgt Ion: 43 Resp: 41316
Ion Ratio Lower Upper
43 100
58 27.9 28.0 42.0#

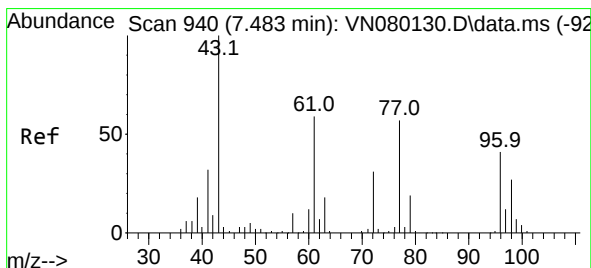
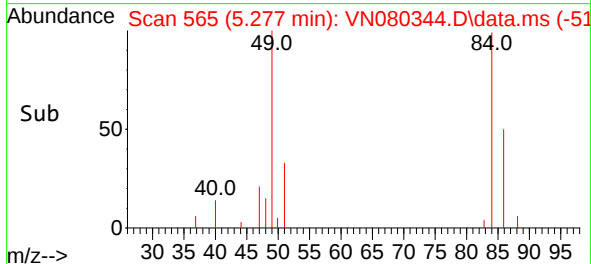
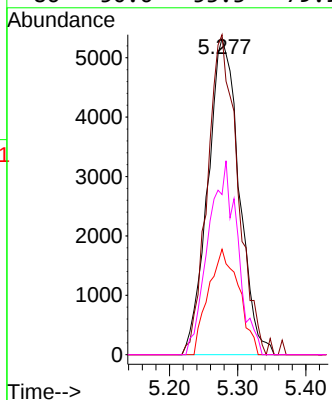
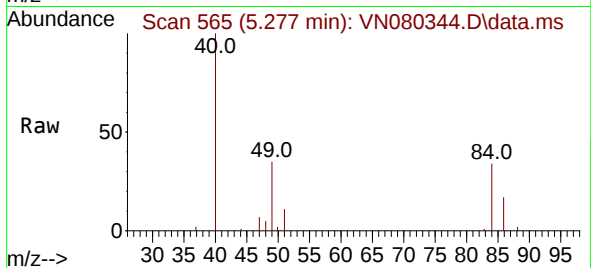




#20
Methylene Chloride
Concen: 9.331 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080344.D
Acq: 04 Dec 2023 17:33

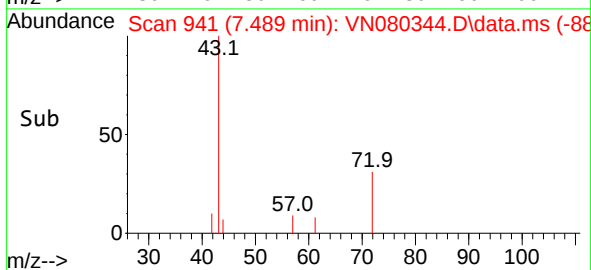
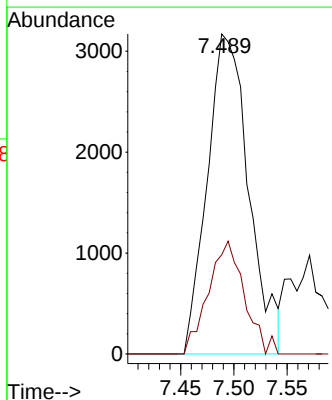
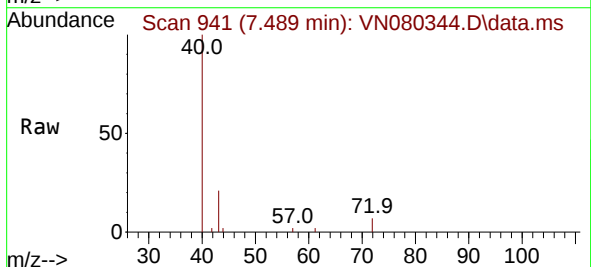
Instrument :
MSVOA_N
ClientSampleId :
ROUTE-4-TP-5

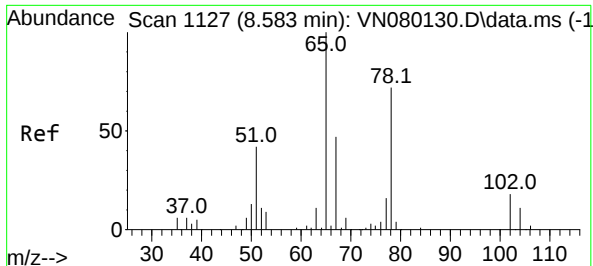
Tgt Ion: 84	Resp: 17053
Ion Ratio	Lower Upper
84 100	
49 101.2	79.7 119.5
51 33.4	25.2 37.8
86 50.6	53.3 79.9#



#25
2-Butanone
Concen: 8.278 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080344.D
Acq: 04 Dec 2023 17:33

Tgt Ion: 43	Resp: 8583		
Ion Ratio	Lower	Upper	
43 100			
72 31.0	30.2	45.2	





#33

1,2-Dichloroethane-d4

Concen: 55.299 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080344.D

Acq: 04 Dec 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

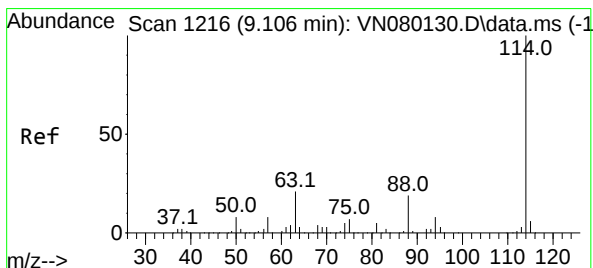
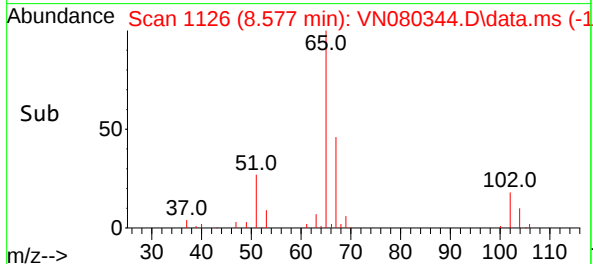
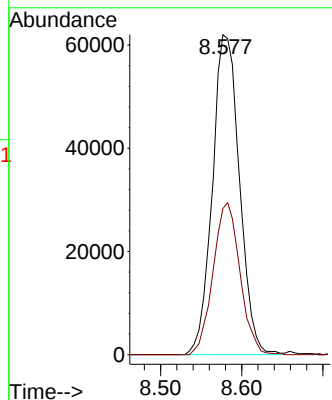
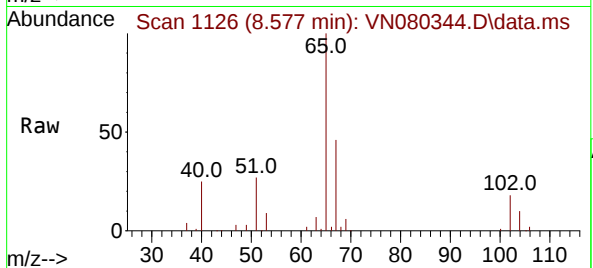
ROUTE-4-TP-5

Tgt Ion: 65 Resp: 143678

Ion Ratio Lower Upper

65 100

67 47.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080344.D

Acq: 04 Dec 2023 17:33

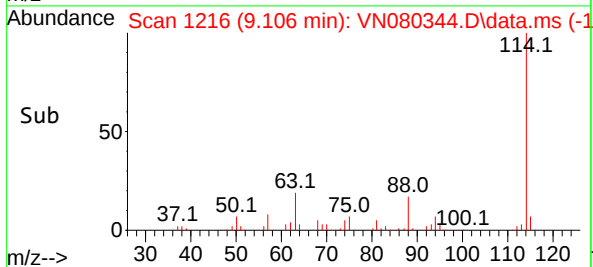
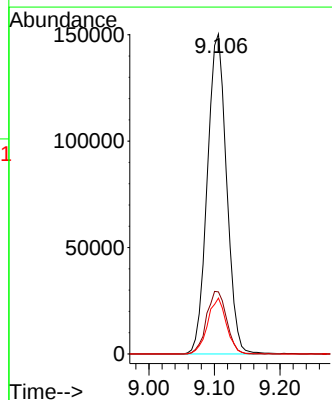
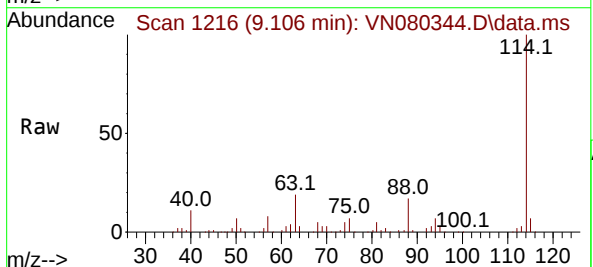
Tgt Ion: 114 Resp: 307049

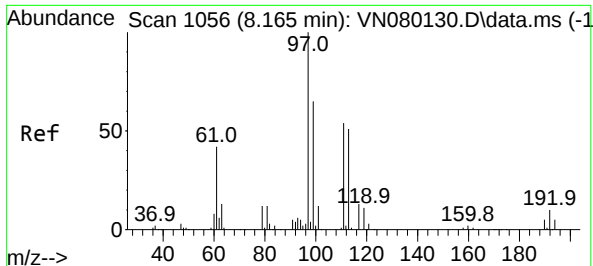
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 17.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.809 ug/l

RT: 8.165 min Scan# 110

Delta R.T. 0.000 min

Lab File: VN080344.D

Acq: 04 Dec 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

ROUTE-4-TP-5

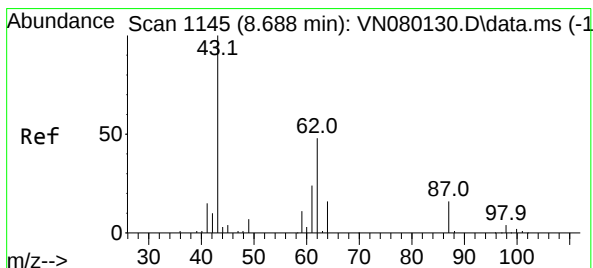
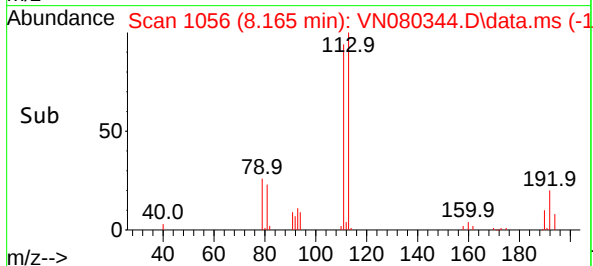
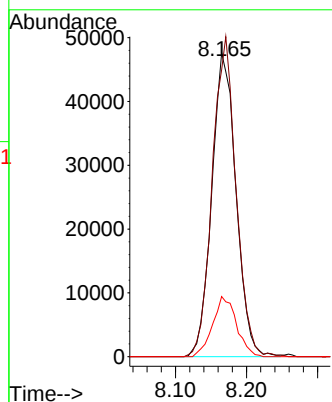
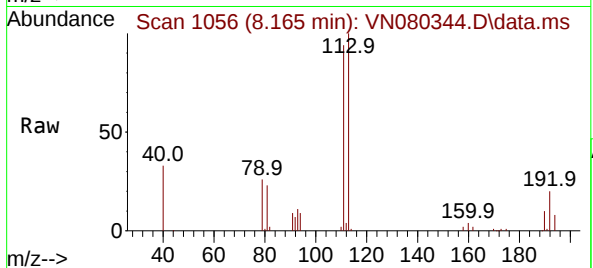
Tgt Ion:113 Resp: 112848

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 19.5 12.7 19.1#



#43

Isopropyl Acetate

Concen: 28.210 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080344.D

Acq: 04 Dec 2023 17:33

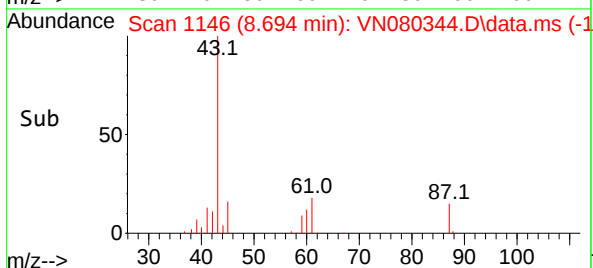
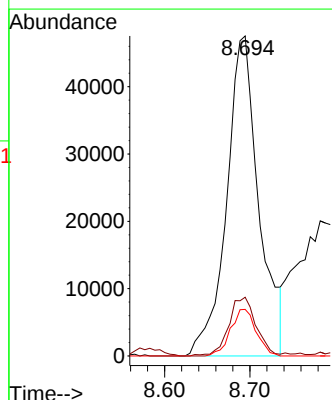
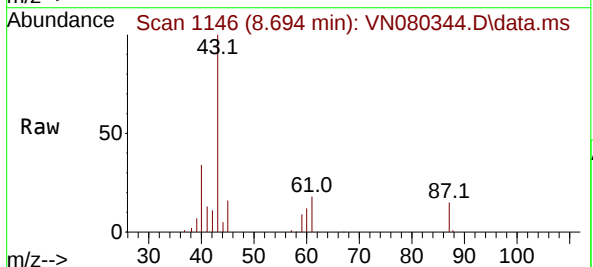
Tgt Ion: 43 Resp: 124901

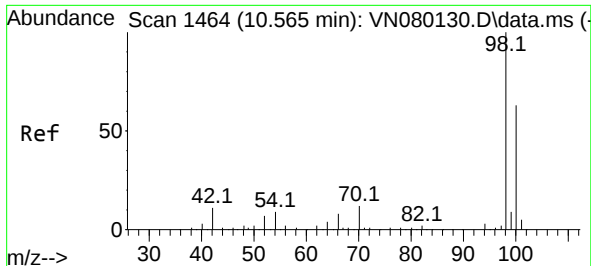
Ion Ratio Lower Upper

43 100

61 15.6 24.7 37.1#

87 11.6 14.6 21.8#

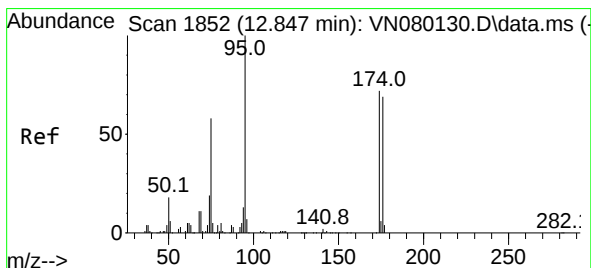
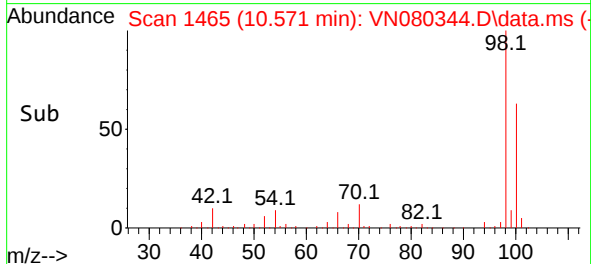
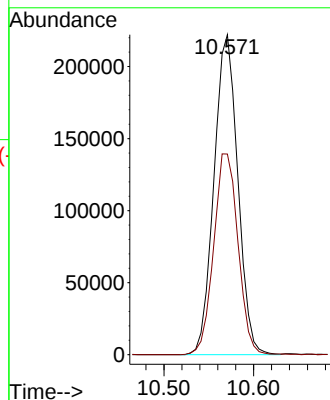
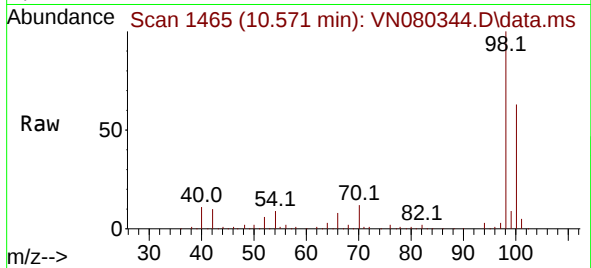




#50
Toluene-d8
Concen: 50.117 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080344.D
Acq: 04 Dec 2023 17:33

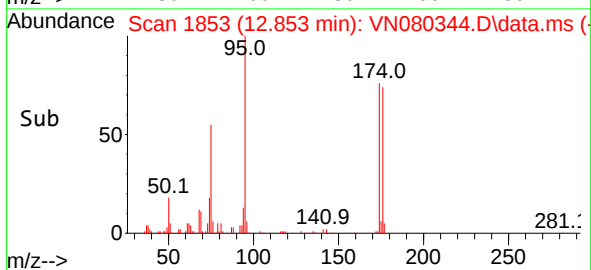
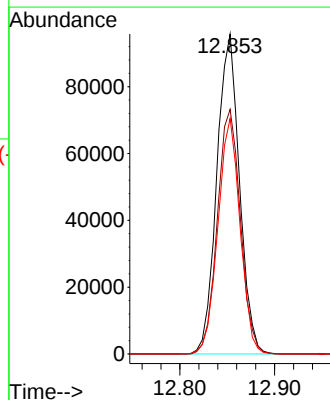
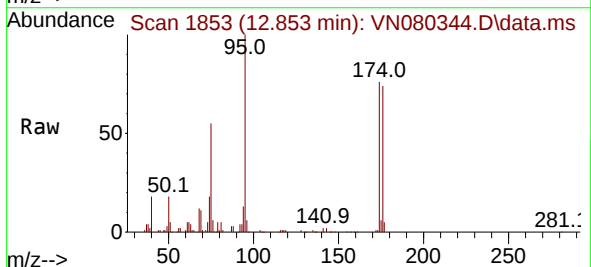
Instrument :
MSVOA_N
ClientSampleId :
ROUTE-4-TP-5

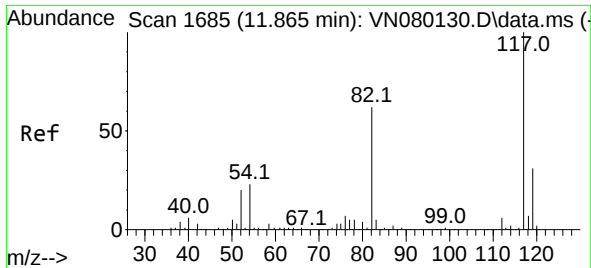
Tgt Ion: 98 Resp: 409314
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.550 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080344.D
Acq: 04 Dec 2023 17:33

Tgt Ion: 95 Resp: 159025
Ion Ratio Lower Upper
95 100
174 77.7 0.0 143.8
176 72.0 0.0 135.8

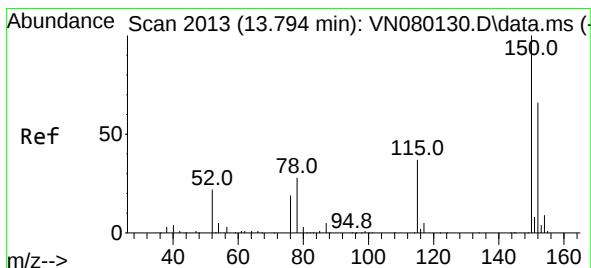
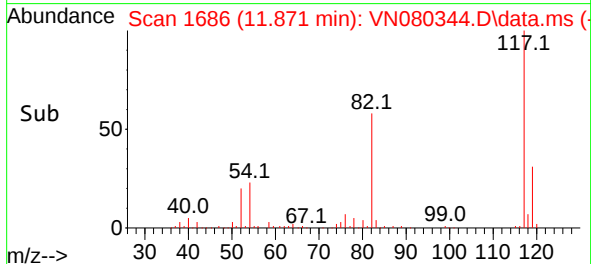
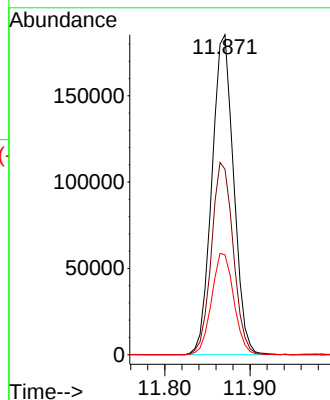
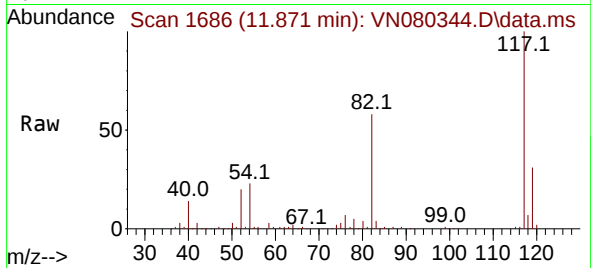




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080344.D
Acq: 04 Dec 2023 17:33

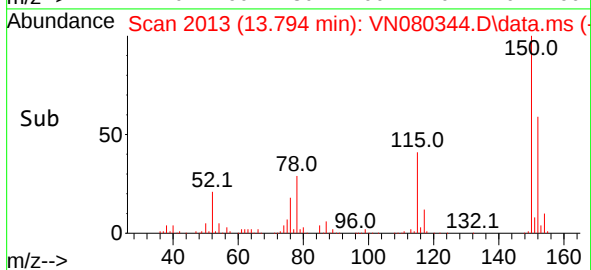
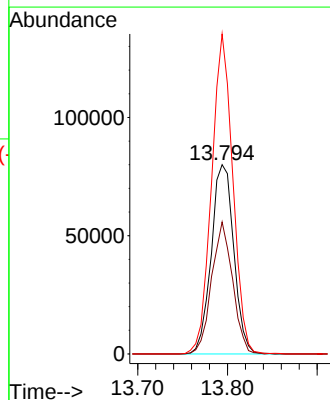
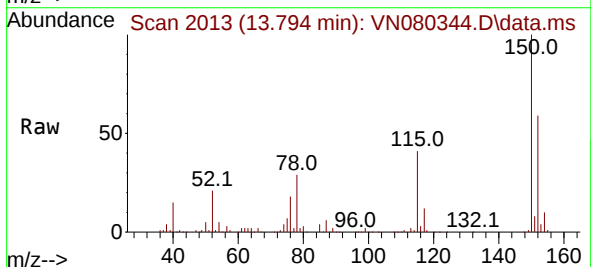
Instrument :
MSVOA_N
ClientSampleId :
ROUTE-4-TP-5

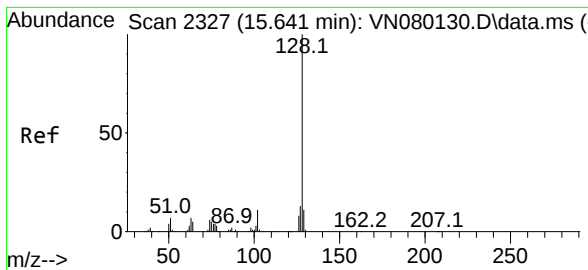
Tgt Ion:117 Resp: 329347
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 31.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080344.D
Acq: 04 Dec 2023 17:33

Tgt Ion:152 Resp: 139478
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 158.9 0.0 355.8





#95
Naphthalene
Concen: 1.460 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080344.D
Acq: 04 Dec 2023 17:33

Instrument :
MSVOA_N
ClientSampleId :
ROUTE-4-TP-5

Tgt Ion:	128	Resp:	11597
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.0	15.0
129	9.6	8.7	13.1

