

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080345.D
 Acq On : 04 Dec 2023 17:57
 Operator : JC\MD
 Sample : 05602-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ROUTE-4-TP-6

Quant Time: Dec 05 04:20:12 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)

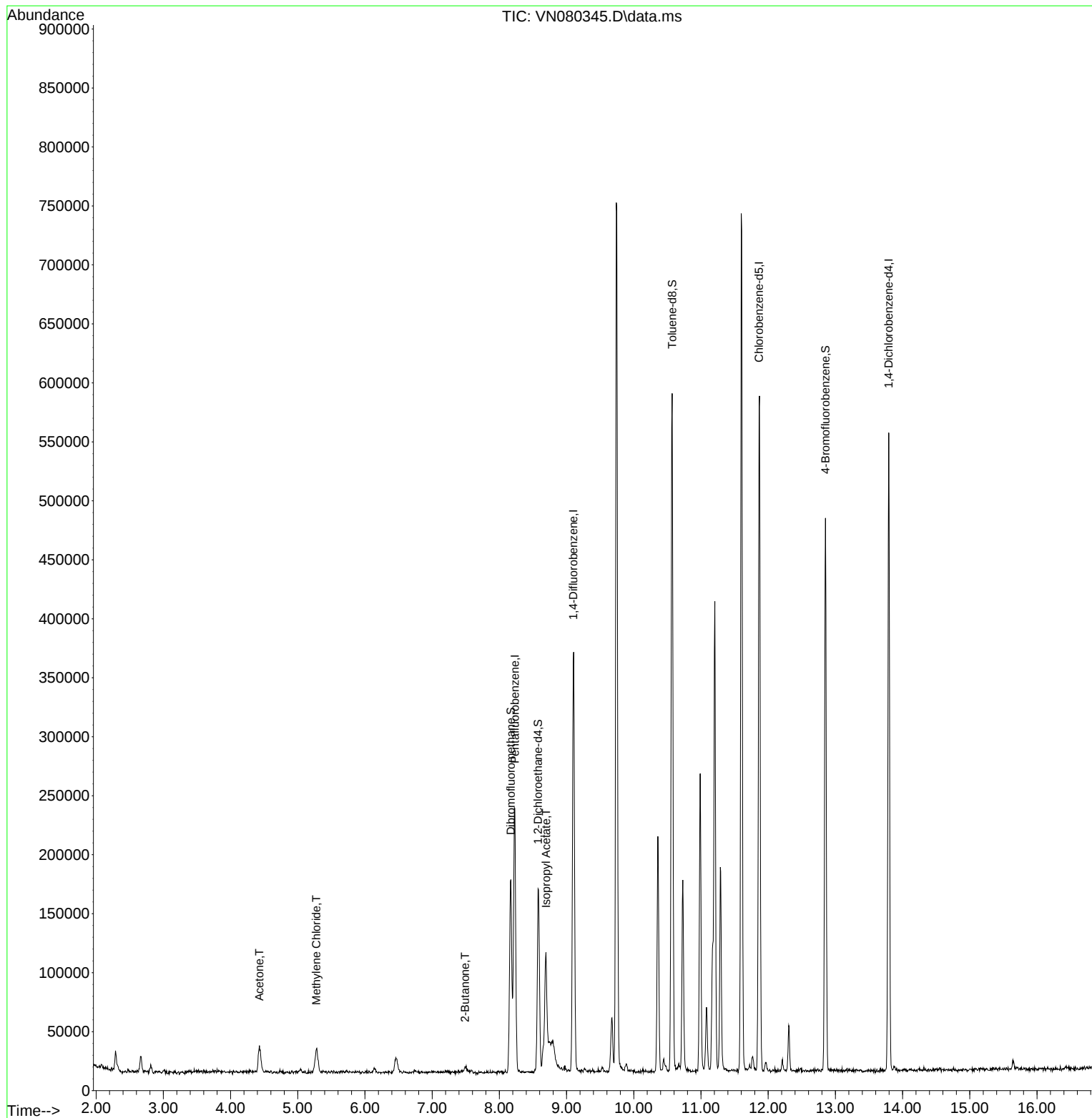
Internal Standards						
1) Pentafluorobenzene	8.230	168	155043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	296099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	326507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143192	55.934	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.860%
35) Dibromofluoromethane	8.171	113	112235	51.370	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.740%
50) Toluene-d8	10.571	98	406385	51.599	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.200%
62) 4-Bromofluorobenzene	12.853	95	159008	53.451	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.900%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	39639	46.100	ug/l	98
20) Methylene Chloride	5.277	84	17377	9.650	ug/l #	87
25) 2-Butanone	7.488	43	8197	8.024	ug/l #	74
43) Isopropyl Acetate	8.694	43	131650	30.834	ug/l #	76

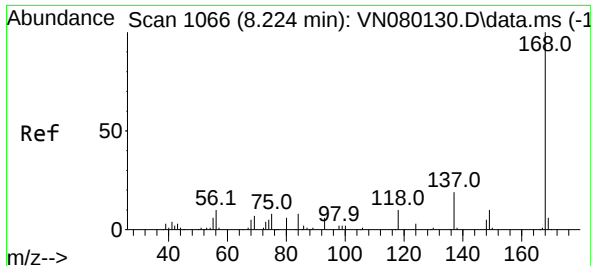
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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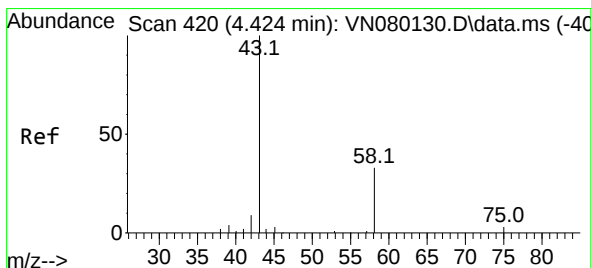
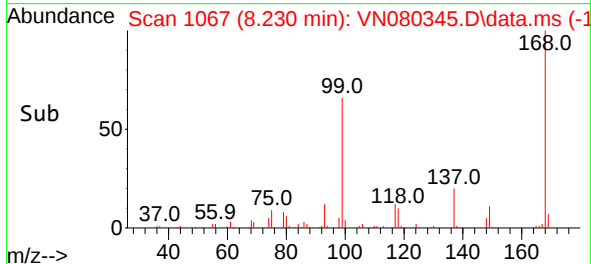
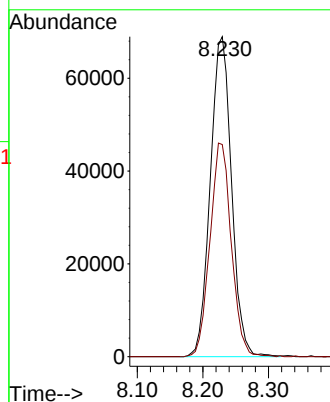
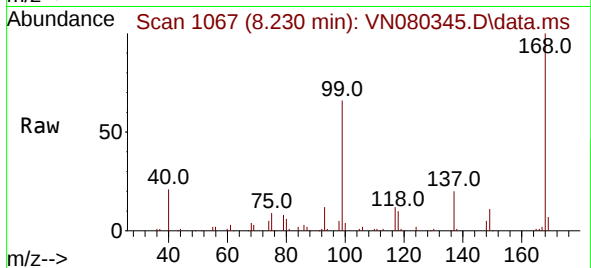




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080345.D
Acq: 04 Dec 2023 17:57

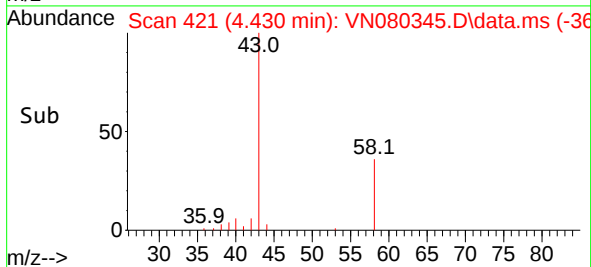
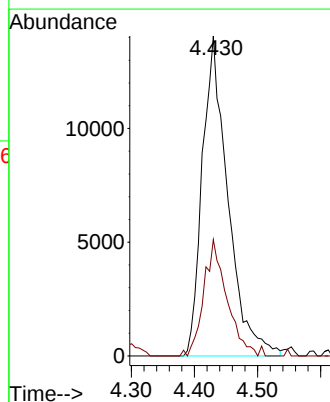
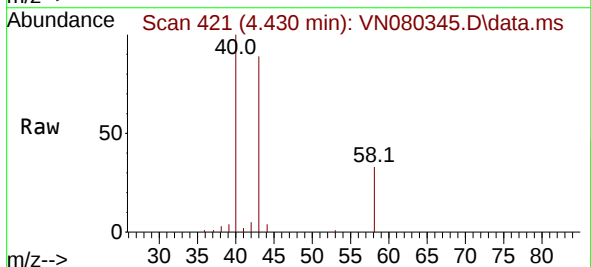
Instrument :
MSVOA_N
ClientSampleId :
ROUTE-4-TP-6

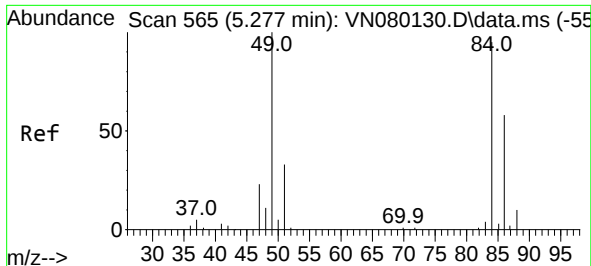
Tgt Ion:168 Resp: 155043
Ion Ratio Lower Upper
168 100
99 66.3 53.0 79.6



#16
Acetone
Concen: 46.100 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080345.D
Acq: 04 Dec 2023 17:57

Tgt Ion: 43 Resp: 39639
Ion Ratio Lower Upper
43 100
58 36.4 28.0 42.0

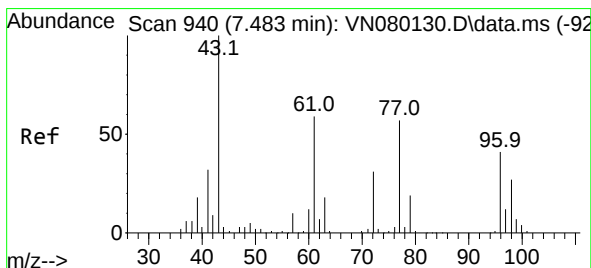
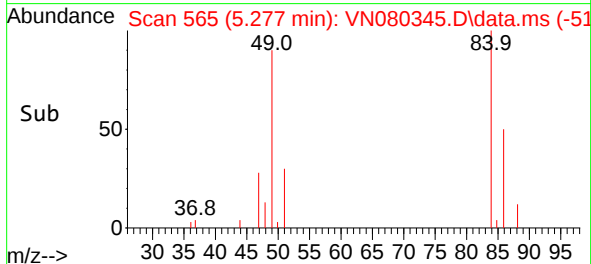
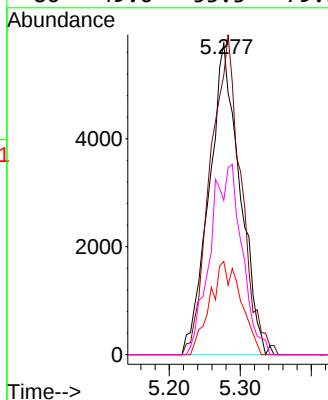
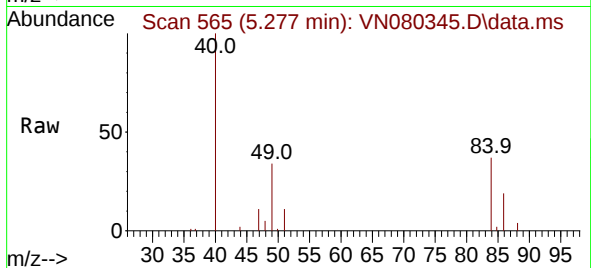




#20
Methylene Chloride
Concen: 9.650 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080345.D
Acq: 04 Dec 2023 17:57

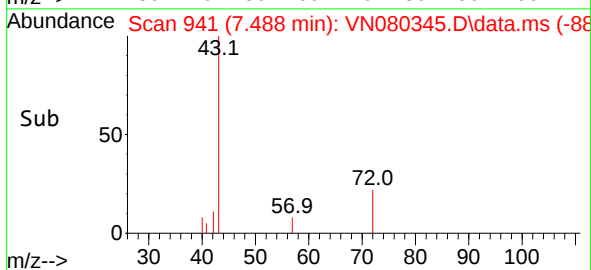
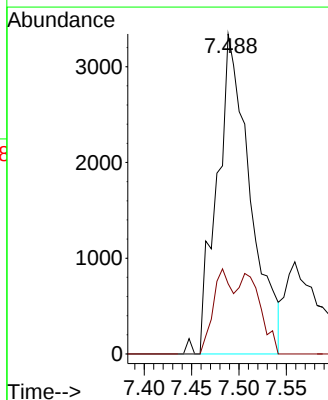
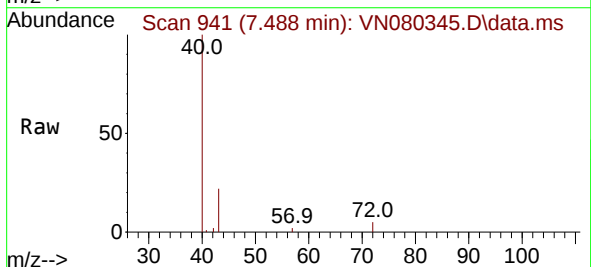
Instrument :
MSVOA_N
ClientSampleId :
ROUTE-4-TP-6

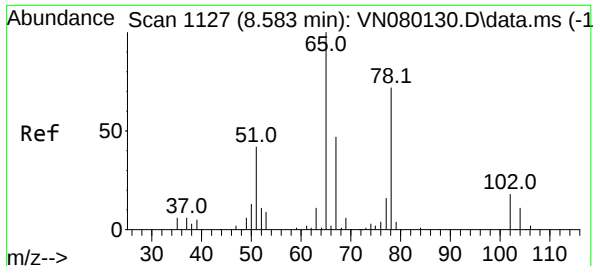
Tgt Ion:	84	Resp:	17377
Ion	Ratio	Lower	Upper
84	100		
49	89.8	79.7	119.5
51	30.0	25.2	37.8
86	49.6	53.3	79.9



#25
2-Butanone
Concen: 8.024 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080345.D
Acq: 04 Dec 2023 17:57

Tgt Ion:	43	Resp:	8197
Ion	Ratio	Lower	Upper
43	100		
72	22.0	30.2	45.2





#33

1,2-Dichloroethane-d4

Concen: 55.934 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080345.D

Acq: 04 Dec 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

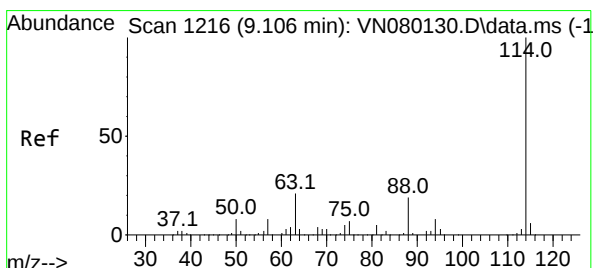
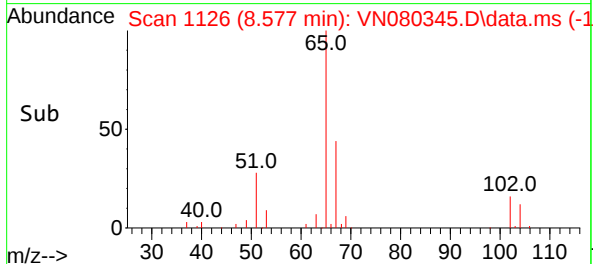
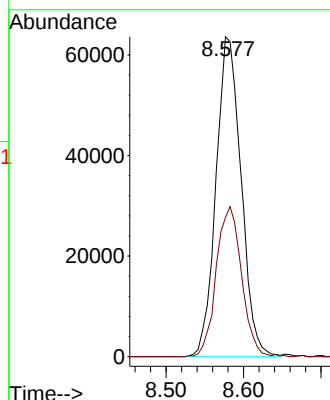
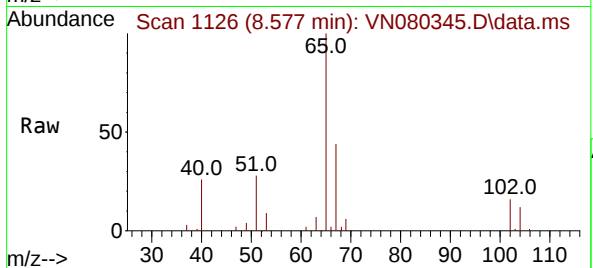
ROUTE-4-TP-6

Tgt Ion: 65 Resp: 143192

Ion Ratio Lower Upper

65 100

67 47.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080345.D

Acq: 04 Dec 2023 17:57

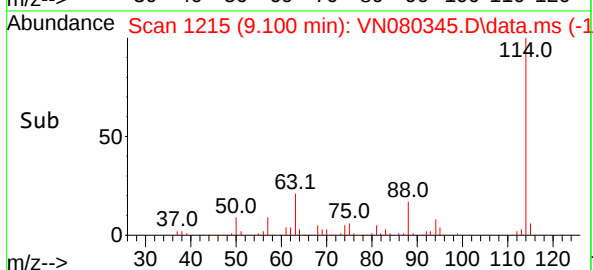
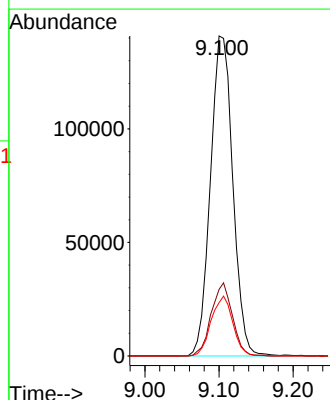
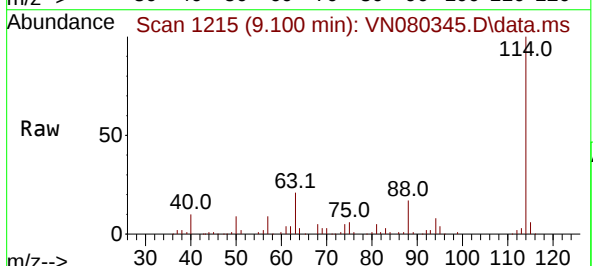
Tgt Ion: 114 Resp: 296099

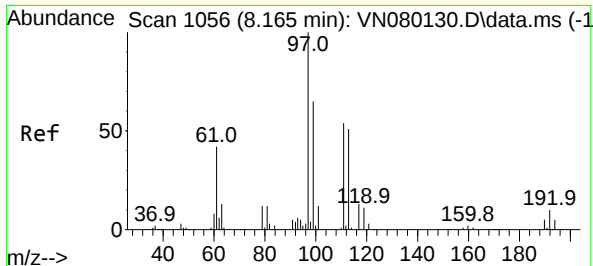
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.370 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN080345.D

Acq: 04 Dec 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

ROUTE-4-TP-6

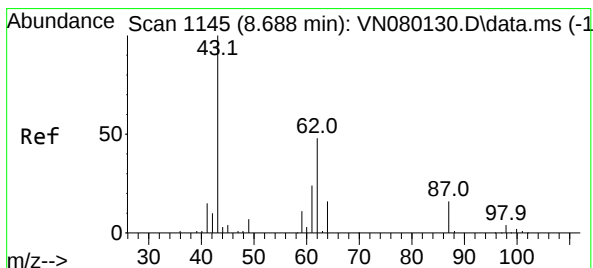
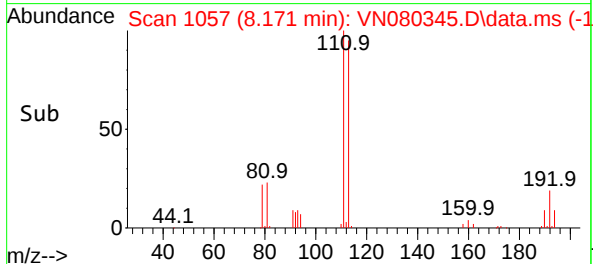
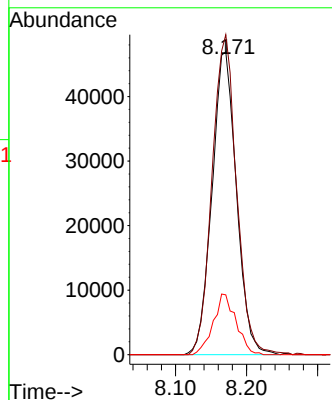
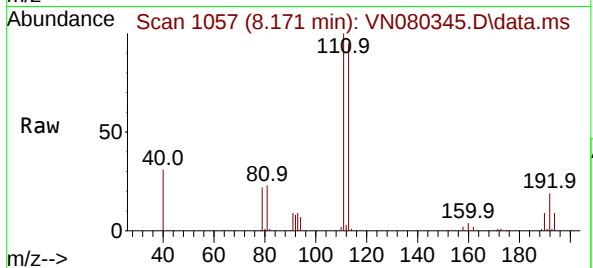
Tgt Ion:113 Resp: 112235

Ion Ratio Lower Upper

113 100

111 105.3 82.6 123.8

192 18.6 12.7 19.1



#43

Isopropyl Acetate

Concen: 30.834 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080345.D

Acq: 04 Dec 2023 17:57

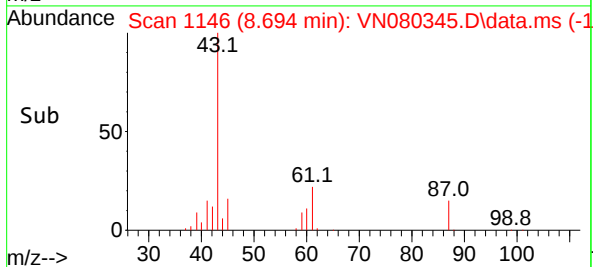
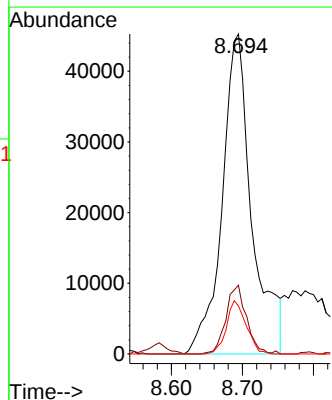
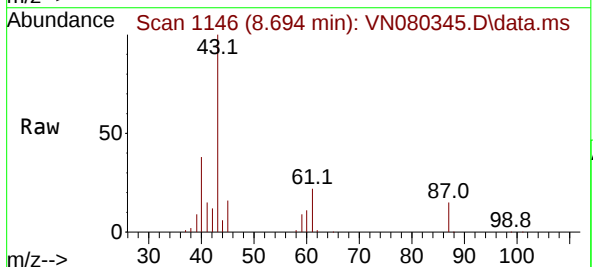
Tgt Ion: 43 Resp: 131650

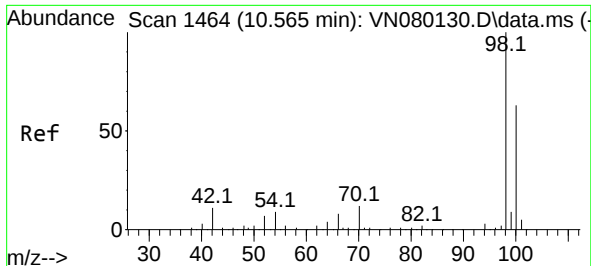
Ion Ratio Lower Upper

43 100

61 15.0 24.7 37.1#

87 11.0 14.6 21.8#

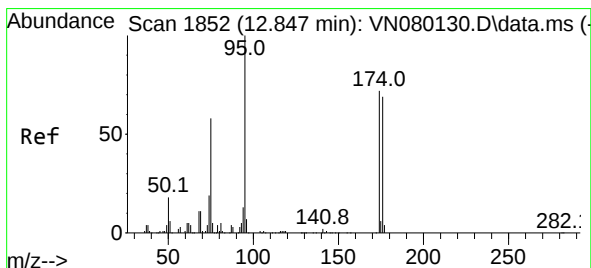
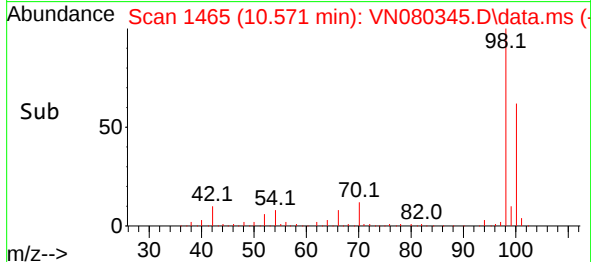
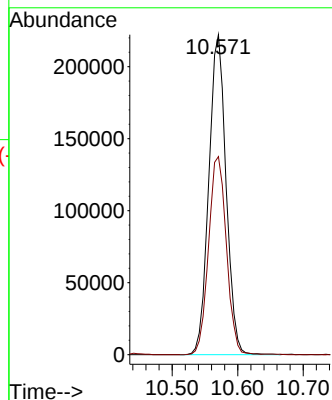
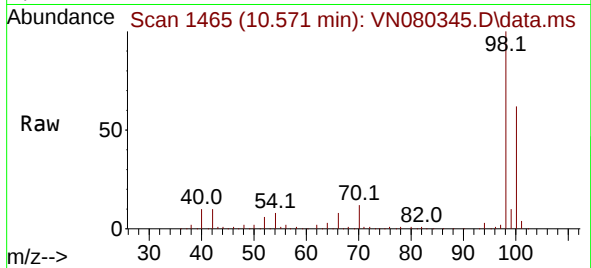




#50
Toluene-d8
Concen: 51.599 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080345.D
Acq: 04 Dec 2023 17:57

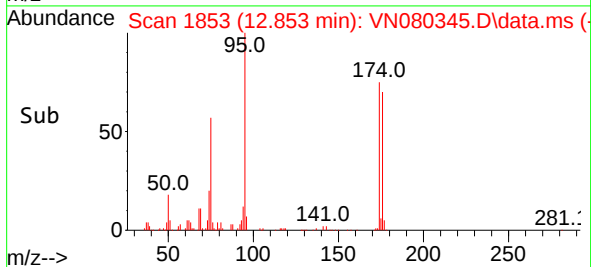
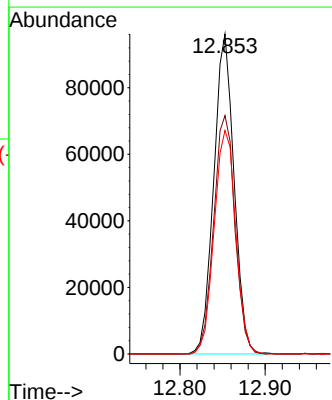
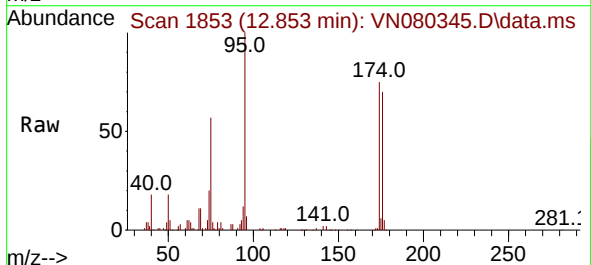
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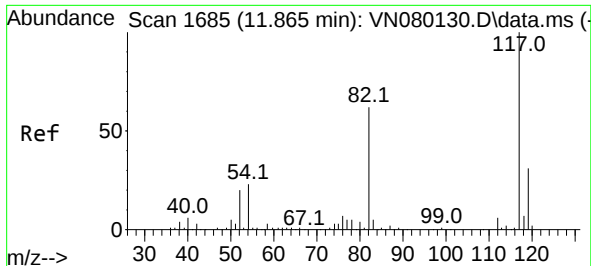
Tgt Ion: 98 Resp: 406385
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.451 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080345.D
Acq: 04 Dec 2023 17:57

Tgt Ion: 95 Resp: 159008
Ion Ratio Lower Upper
95 100
174 77.9 0.0 143.8
176 74.4 0.0 135.8

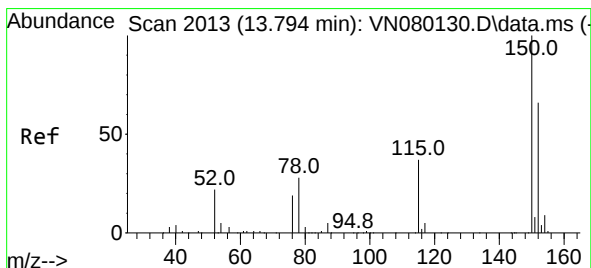
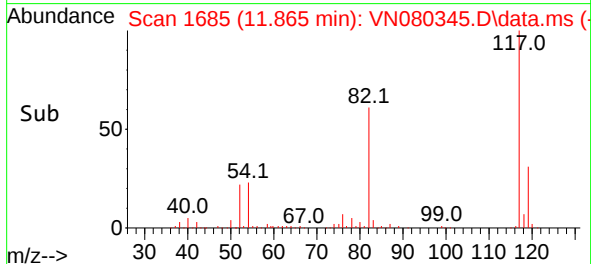
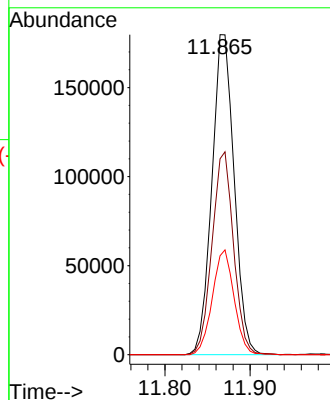
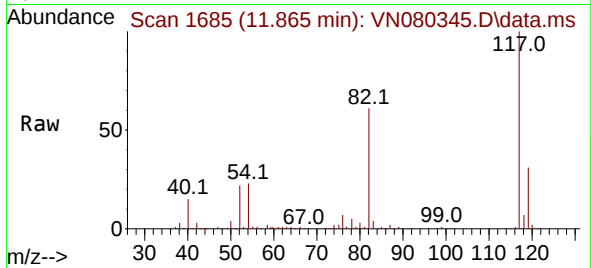




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080345.D
Acq: 04 Dec 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
ROUTE-4-TP-6

Tgt Ion:117 Resp: 326507
Ion Ratio Lower Upper
117 100
82 61.2 44.0 66.0
119 30.9 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: VN080345.D
Acq: 04 Dec 2023 17:57

Tgt Ion:152 Resp: 143765
Ion Ratio Lower Upper
152 100
115 64.5 32.3 96.8
150 156.9 0.0 355.8

