

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082906.D
 Acq On : 12 Jul 2024 17:53
 Operator : JC\MD
 Sample : P3224-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 400STEVEN-2

Quant Time: Jul 15 01:16:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

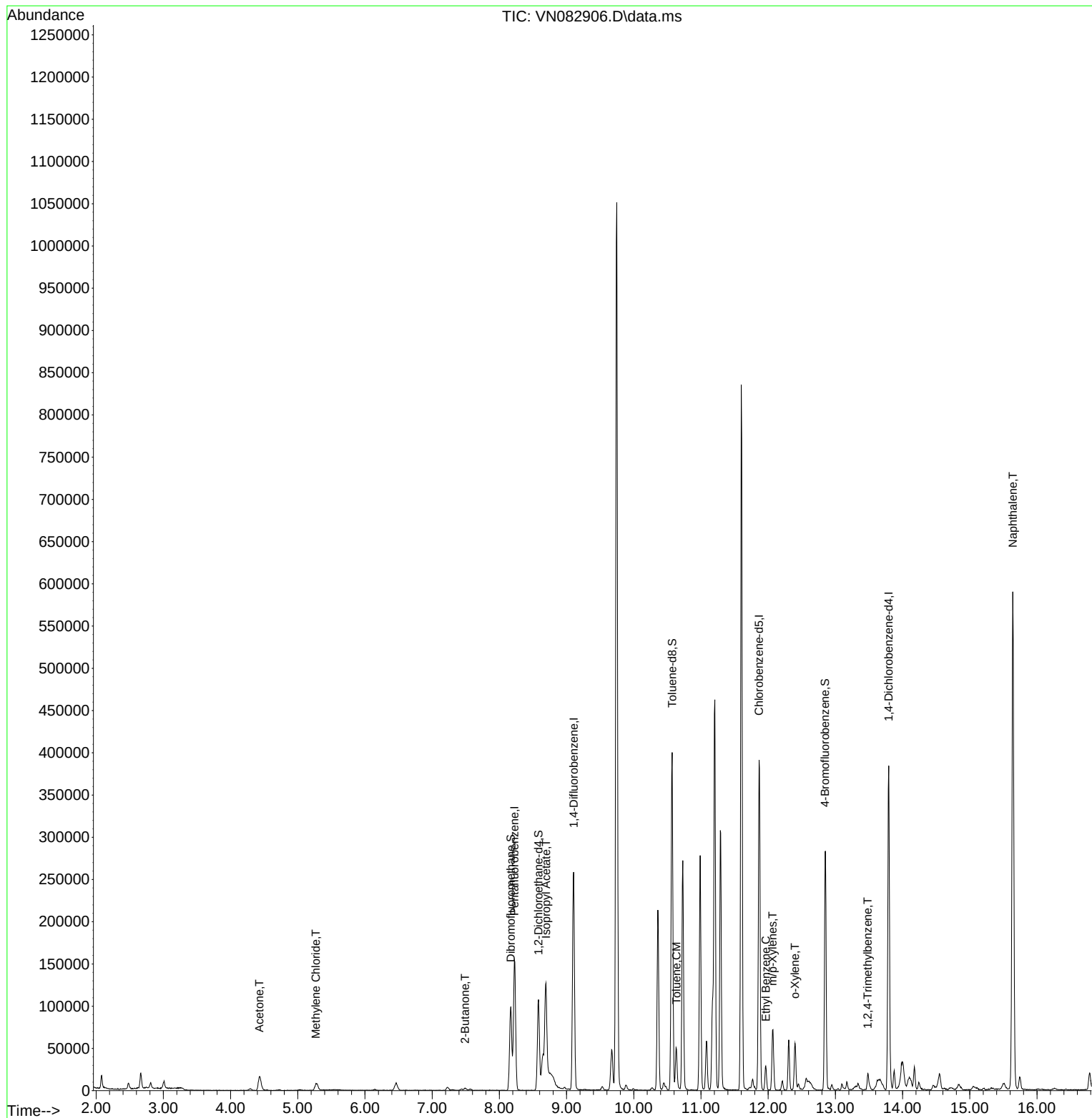
Internal Standards						
1) Pentafluorobenzene	8.224	168	108777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	216719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	84791	55.607	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.220%			
35) Dibromofluoromethane	8.171	113	70205	50.484	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.960%			
50) Toluene-d8	10.571	98	267321	52.046	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.100%			
62) 4-Bromofluorobenzene	12.847	95	95043	51.514	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.020%			
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	32385	60.324	ug/l	94
20) Methylene Chloride	5.271	84	7021	5.415	ug/l #	81
25) 2-Butanone	7.488	43	4330	5.342	ug/l #	76
43) Isopropyl Acetate	8.694	43	187151	50.901	ug/l #	84
52) Toluene	10.635	92	20285	5.506	ug/l	97
67) Ethyl Benzene	11.965	91	14205	1.772	ug/l	93
68) m/p-Xylenes	12.065	106	22187	7.332	ug/l	99
69) o-Xylene	12.400	106	14809	5.107	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	11790	1.987	ug/l	89
95) Naphthalene	15.641	128	537674	89.407	ug/l	100

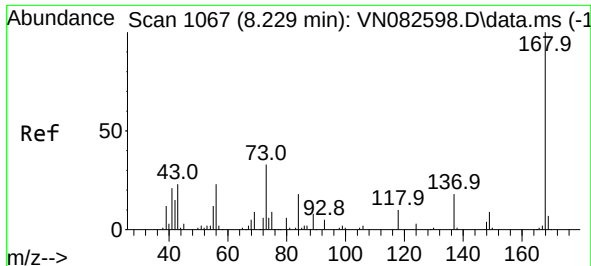
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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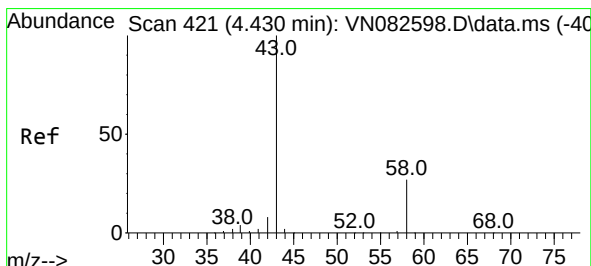
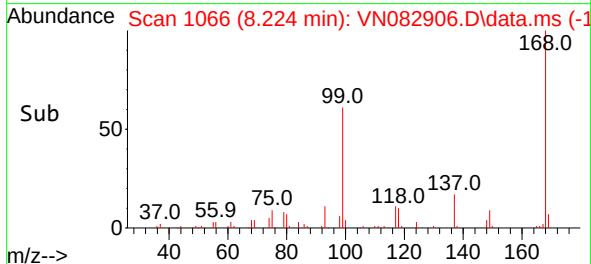
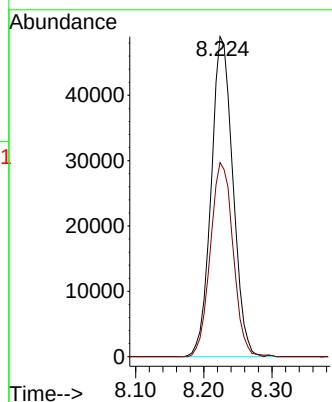
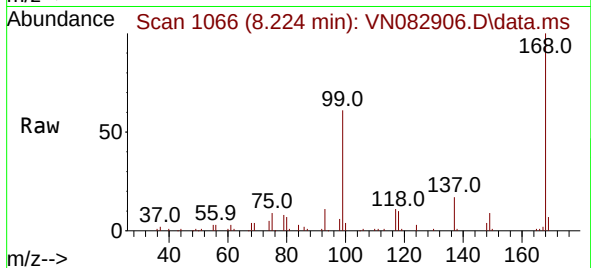




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082906.D
Acq: 12 Jul 2024 17:53

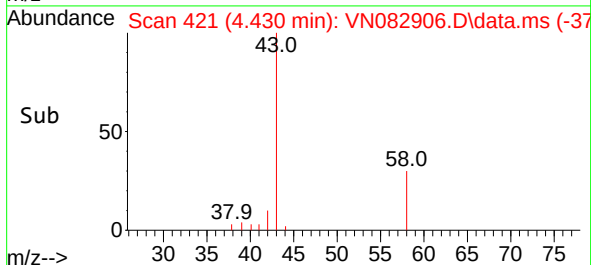
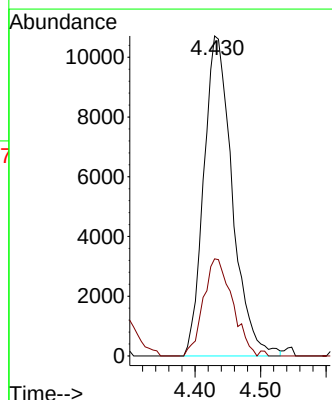
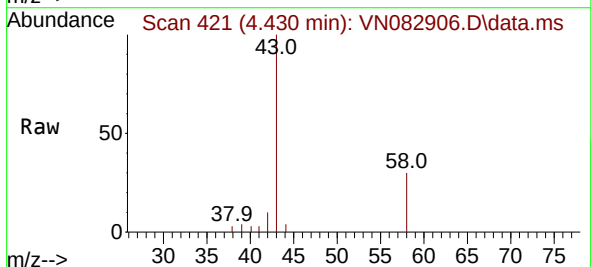
Instrument :
MSVOA_N
ClientSampleId :
400STEVEN-2

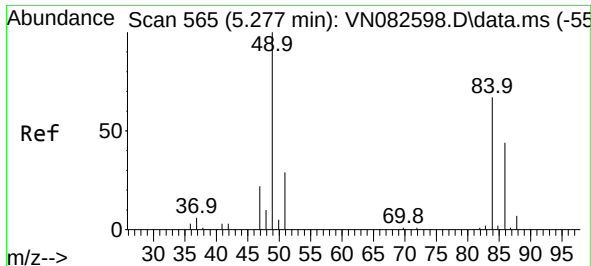
Tgt Ion:168 Resp: 108777
Ion Ratio Lower Upper
168 100
99 60.7 48.2 72.4



#16
Acetone
Concen: 60.324 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082906.D
Acq: 12 Jul 2024 17:53

Tgt Ion: 43 Resp: 32385
Ion Ratio Lower Upper
43 100
58 30.3 21.8 32.6

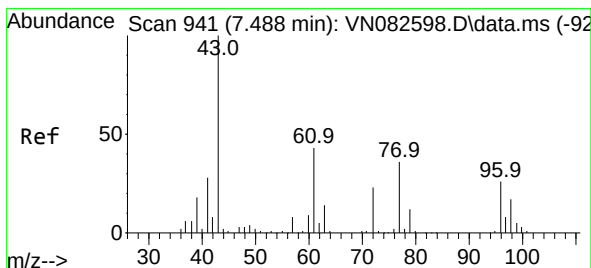
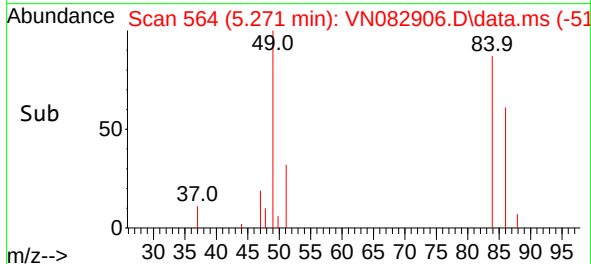
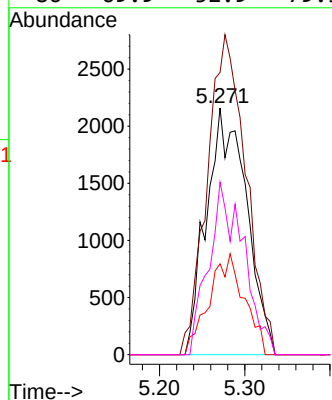
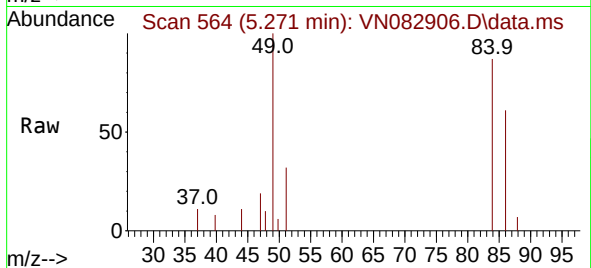




#20
Methylene Chloride
Concen: 5.415 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082906.D
Acq: 12 Jul 2024 17:53

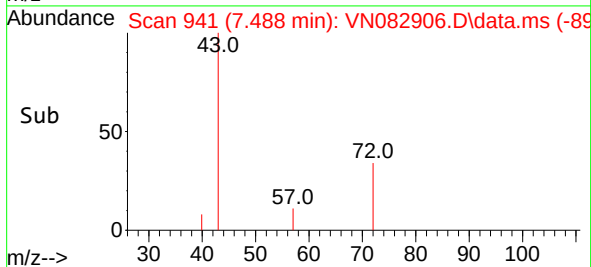
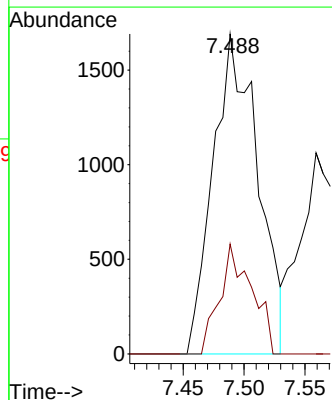
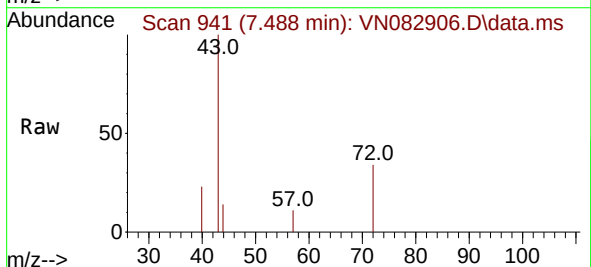
Instrument :
MSVOA_N
ClientSampleId :
400STEVEN-2

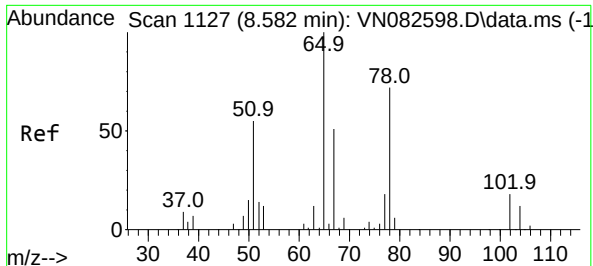
Tgt Ion:	84	Resp:	7021
Ion	Ratio	Lower	Upper
84	100		
49	114.4	119.6	179.4#
51	36.8	34.8	52.2
86	69.9	52.9	79.3



#25
2-Butanone
Concen: 5.342 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082906.D
Acq: 12 Jul 2024 17:53

Tgt Ion:	43	Resp:	4330
Ion	Ratio	Lower	Upper
43	100		
72	34.4	18.2	27.2#





#33

1,2-Dichloroethane-d4

Concen: 55.607 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082906.D

Acq: 12 Jul 2024 17:53

Instrument :

MSVOA_N

ClientSampleId :

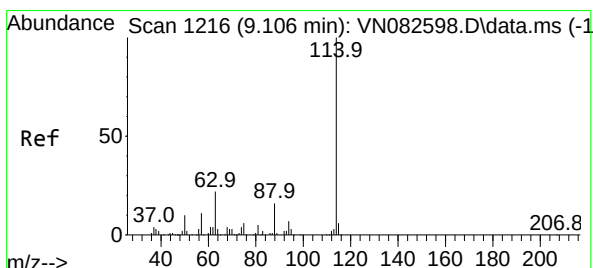
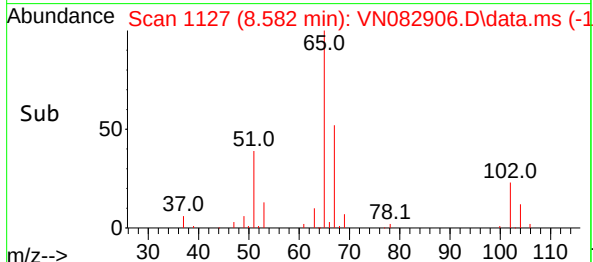
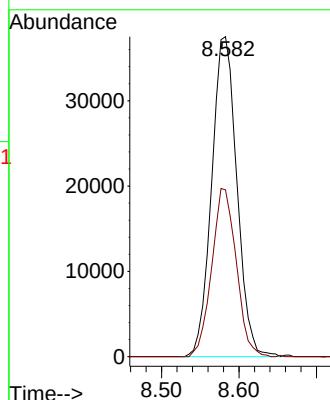
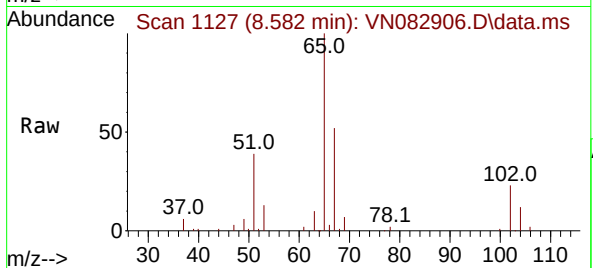
400STEVEN-2

Tgt Ion: 65 Resp: 84791

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082906.D

Acq: 12 Jul 2024 17:53

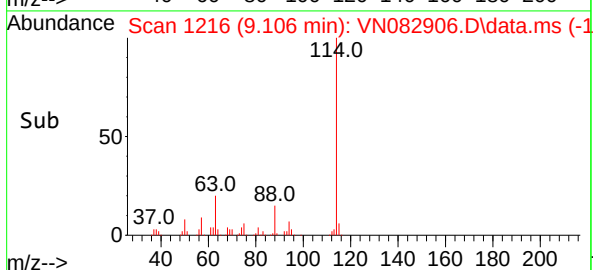
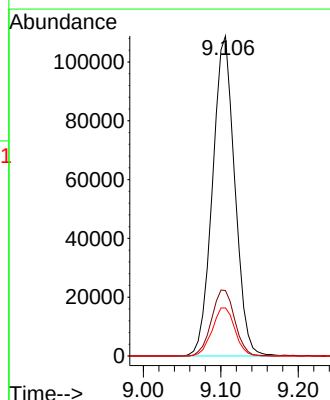
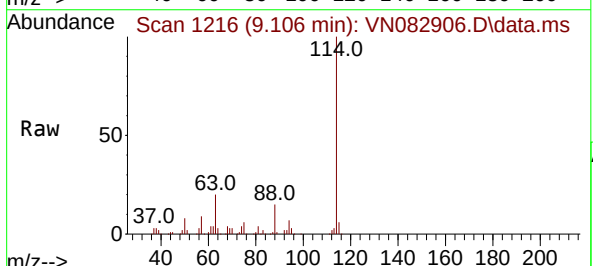
Tgt Ion: 114 Resp: 216719

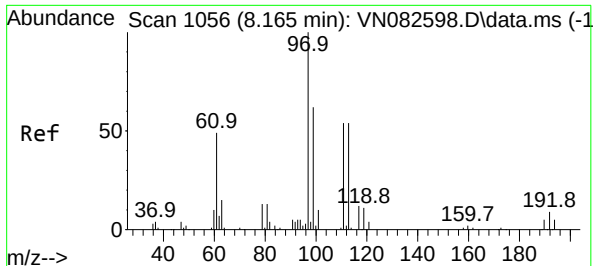
Ion Ratio Lower Upper

114 100

63 20.4 0.0 44.6

88 15.0 0.0 31.4

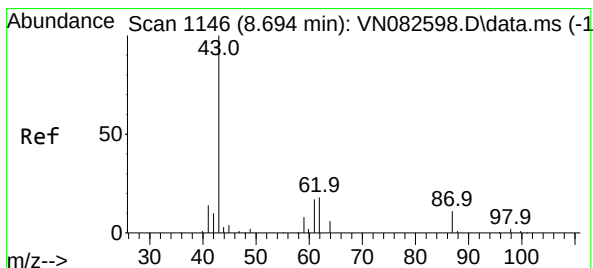
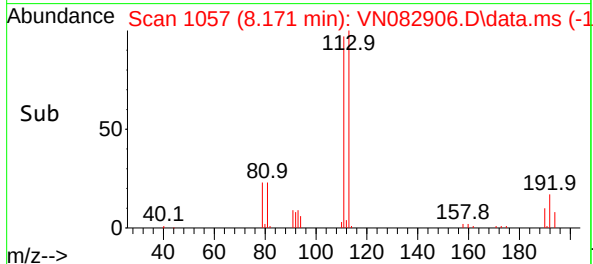
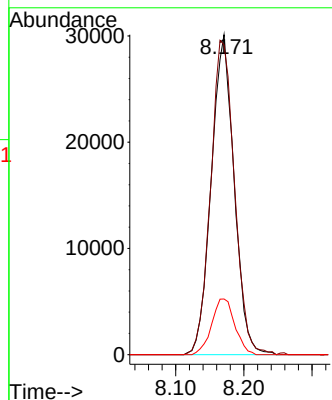
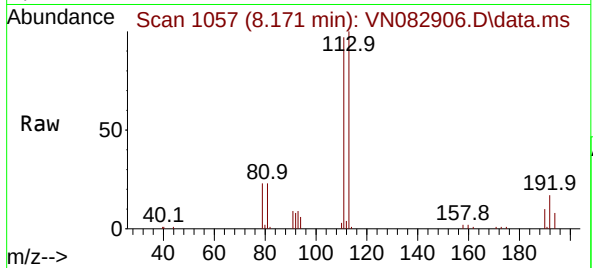




#35
Dibromofluoromethane
Concen: 50.484 ug/l
RT: 8.171 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VN082906.D
Acq: 12 Jul 2024 17:53

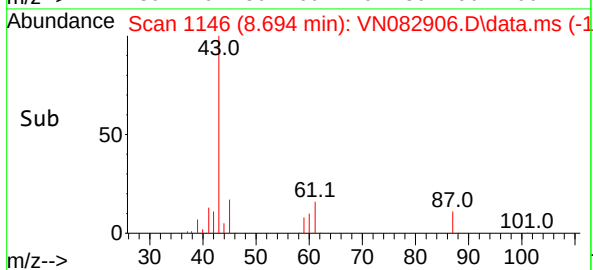
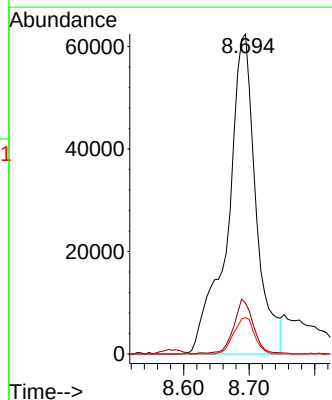
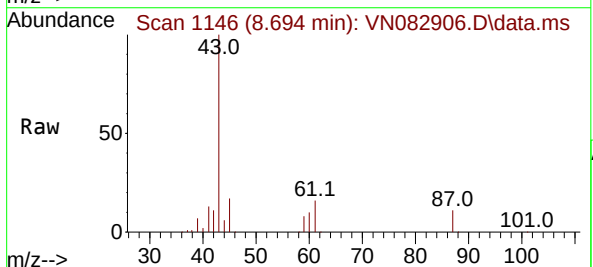
Instrument :
MSVOA_N
ClientSampleId :
400STEVEN-2

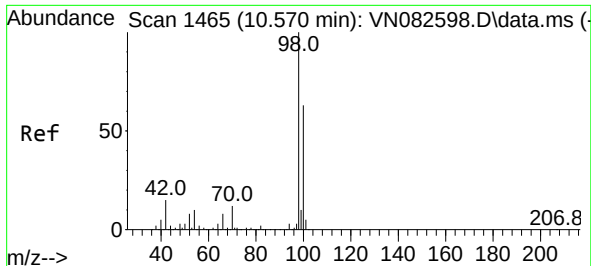
Tgt Ion:113 Resp: 70205
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 17.7 14.9 22.3



#43
Isopropyl Acetate
Concen: 50.901 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082906.D
Acq: 12 Jul 2024 17:53

Tgt Ion: 43 Resp: 187151
Ion Ratio Lower Upper
43 100
61 12.0 17.8 26.6#
87 8.3 8.2 12.2

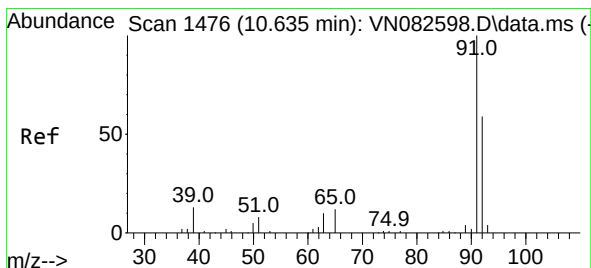
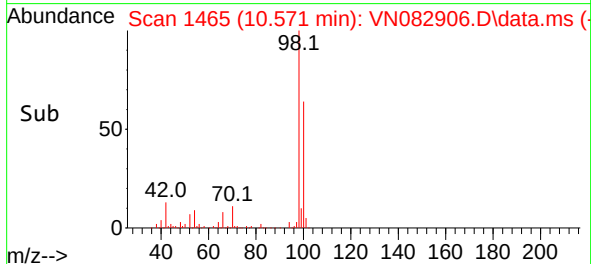
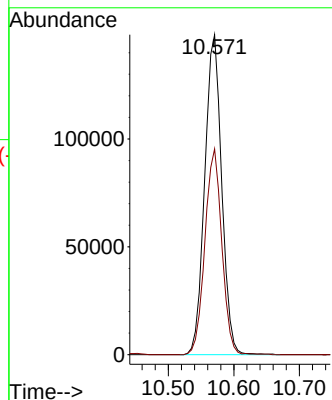
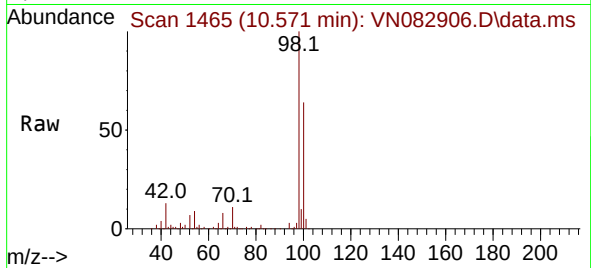




#50
Toluene-d8
Concen: 52.046 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082906.D
Acq: 12 Jul 2024 17:53

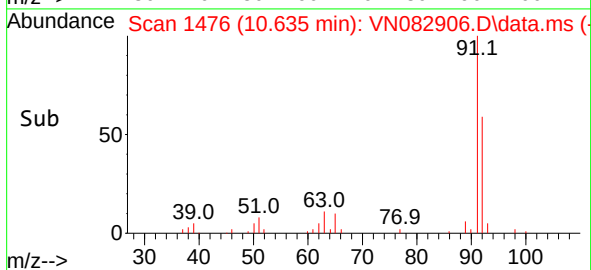
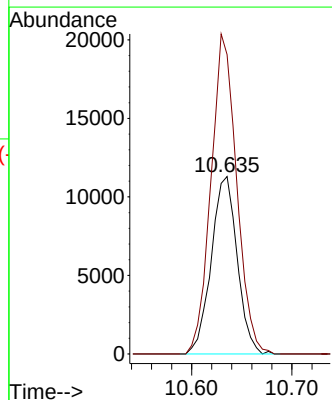
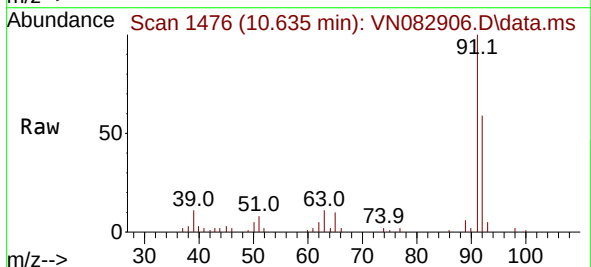
Instrument :
MSVOA_N
ClientSampleId :
400STEVEN-2

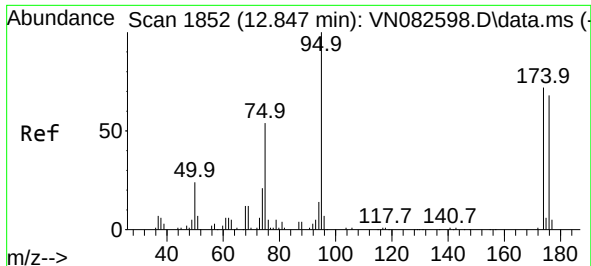
Tgt Ion: 98 Resp: 267321
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#52
Toluene
Concen: 5.506 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082906.D
Acq: 12 Jul 2024 17:53

Tgt Ion: 92 Resp: 20285
Ion Ratio Lower Upper
92 100
91 178.6 139.4 209.0





#62

4-Bromofluorobenzene

Concen: 51.514 ug/l

RT: 12.847 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082906.D

Acq: 12 Jul 2024 17:53

Instrument :

MSVOA_N

ClientSampleId :

400STEVEN-2

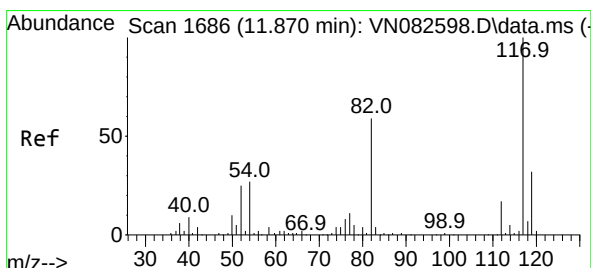
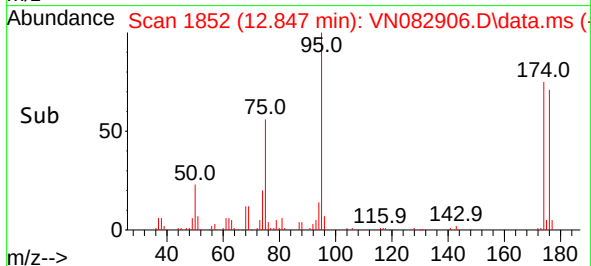
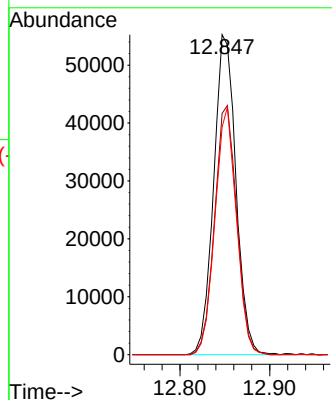
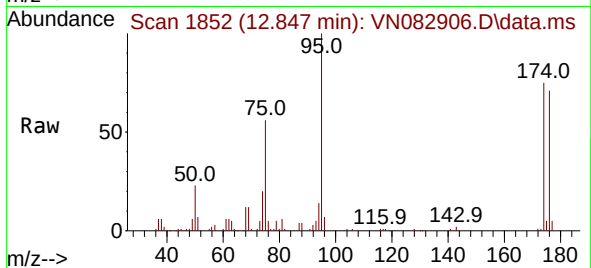
Tgt Ion: 95 Resp: 95043

Ion Ratio Lower Upper

95 100

174 77.8 0.0 159.2

176 74.4 0.0 147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.005 min

Lab File: VN082906.D

Acq: 12 Jul 2024 17:53

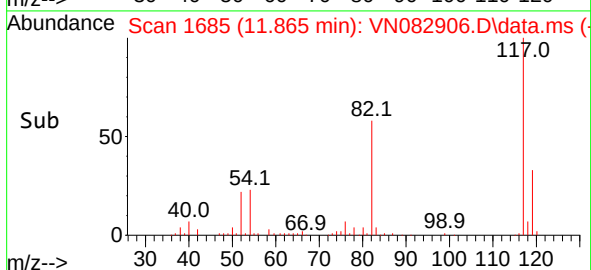
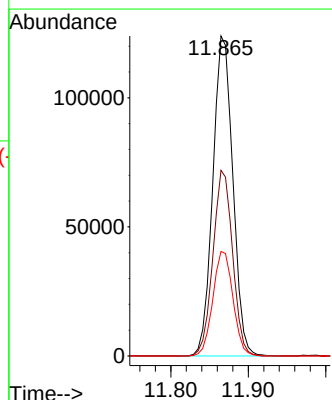
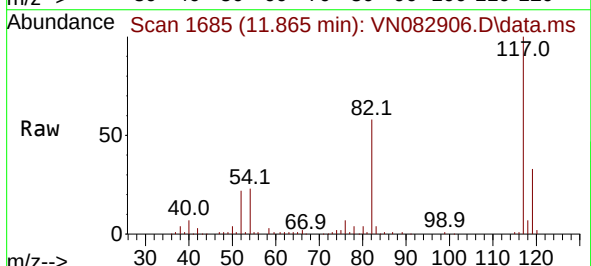
Tgt Ion: 117 Resp: 222567

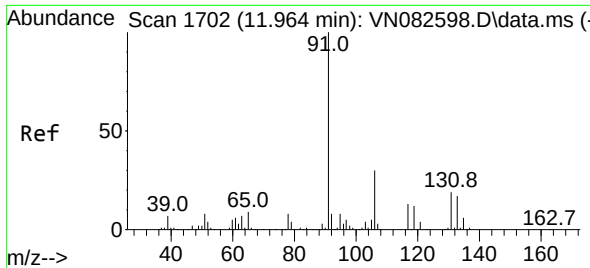
Ion Ratio Lower Upper

117 100

82 58.0 47.5 71.3

119 32.6 25.6 38.4

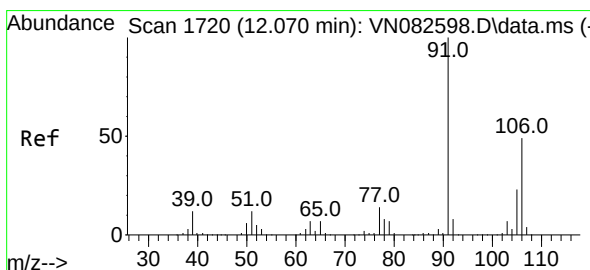
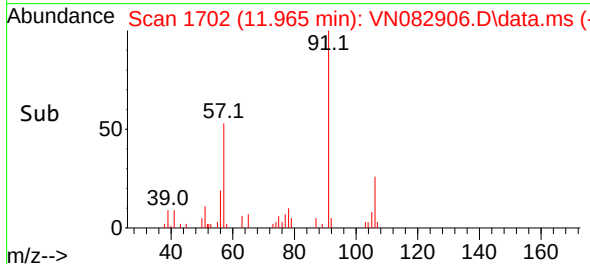
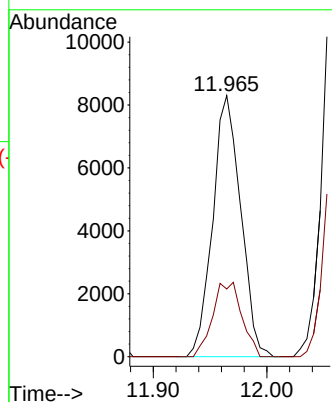
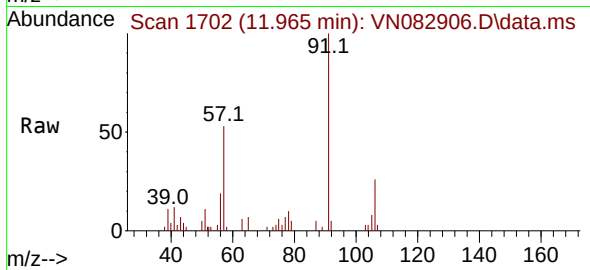




#67
Ethyl Benzene
Concen: 1.772 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.001 min
Lab File: VN082906.D
Acq: 12 Jul 2024 17:53

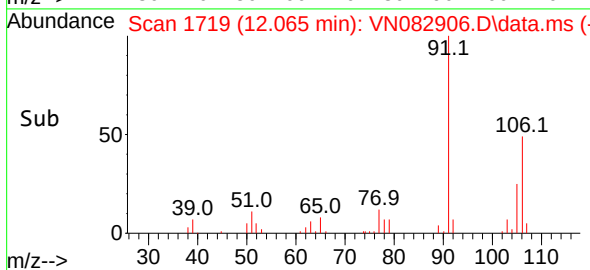
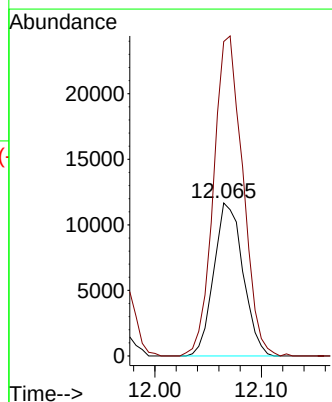
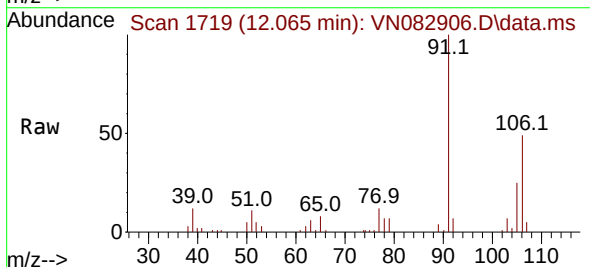
Instrument :
MSVOA_N
ClientSampleId :
400STEVEN-2

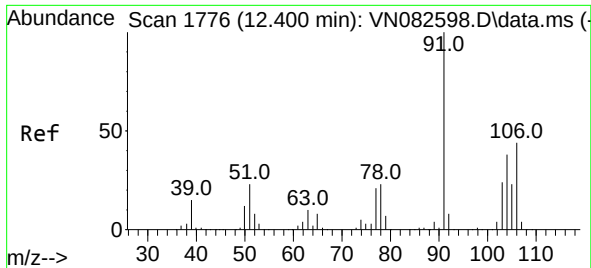
Tgt Ion: 91 Resp: 14205
Ion Ratio Lower Upper
91 100
106 25.9 24.0 36.0



#68
m/p-Xylenes
Concen: 7.332 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.005 min
Lab File: VN082906.D
Acq: 12 Jul 2024 17:53

Tgt Ion:106 Resp: 22187
Ion Ratio Lower Upper
106 100
91 209.4 166.1 249.1

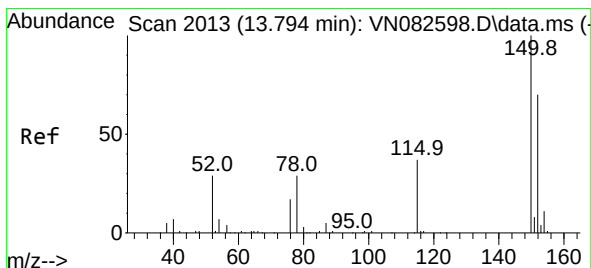
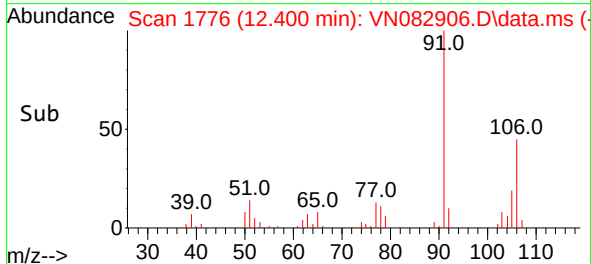
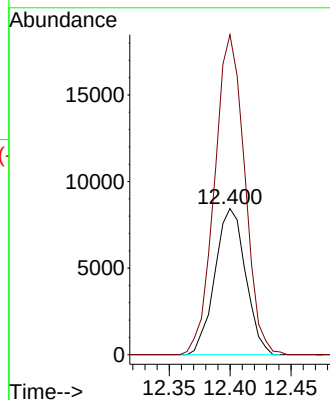
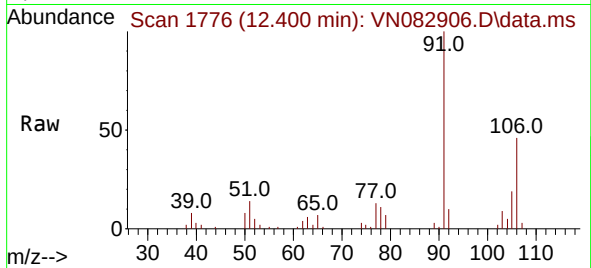




#69
o-Xylene
Concen: 5.107 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082906.D
Acq: 12 Jul 2024 17:53

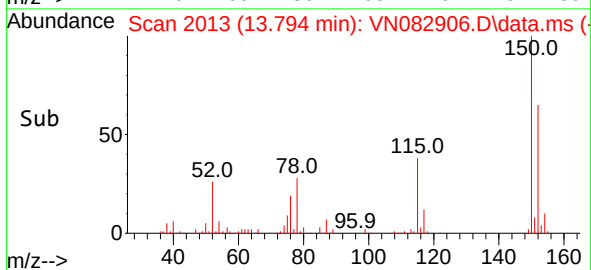
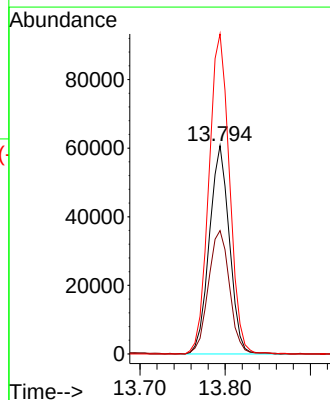
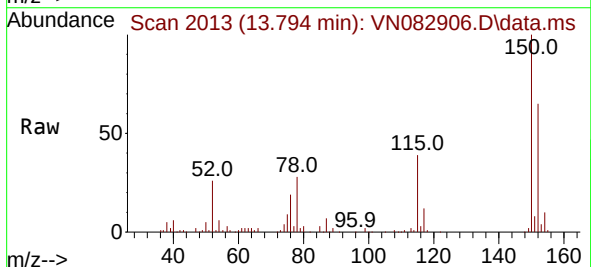
Instrument :
MSVOA_N
ClientSampleId :
400STEVEN-2

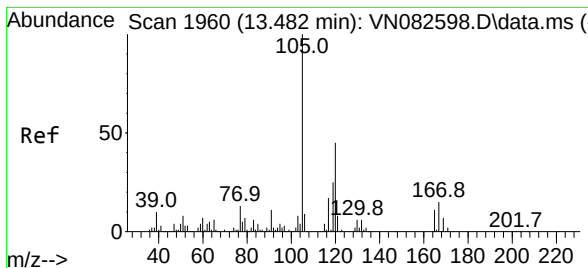
Tgt Ion:106 Resp: 14809
Ion Ratio Lower Upper
106 100
91 215.1 111.3 333.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082906.D
Acq: 12 Jul 2024 17:53

Tgt Ion:152 Resp: 99137
Ion Ratio Lower Upper
152 100
115 62.9 30.6 91.6
150 157.7 0.0 348.6





#84

1,2,4-Trimethylbenzene

Concen: 1.987 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082906.D

Acq: 12 Jul 2024 17:53

Instrument :

MSVOA_N

ClientSampleId :

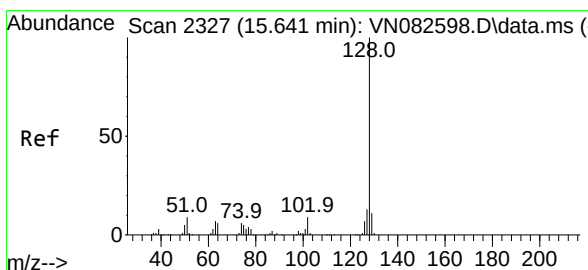
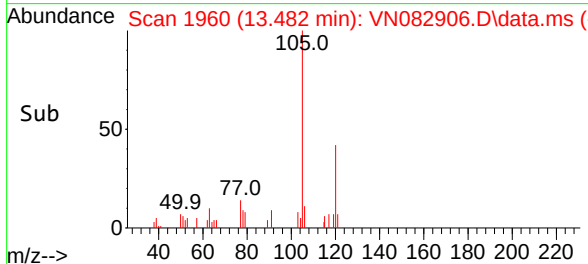
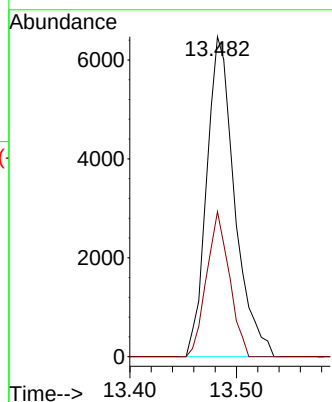
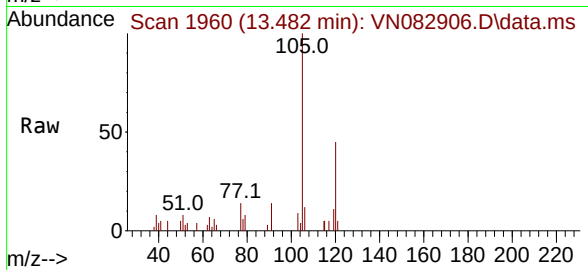
400STEVEN-2

Tgt Ion:105 Resp: 11790

Ion Ratio Lower Upper

105 100

120 37.0 21.9 65.8



#95

Naphthalene

Concen: 89.407 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082906.D

Acq: 12 Jul 2024 17:53

Tgt Ion:128 Resp: 537674

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.0 8.6 12.8

