

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082988.D
 Acq On : 19 Jul 2024 14:58
 Operator : JC\MD
 Sample : P3306-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A1285

Quant Time: Jul 22 02:06:00 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)

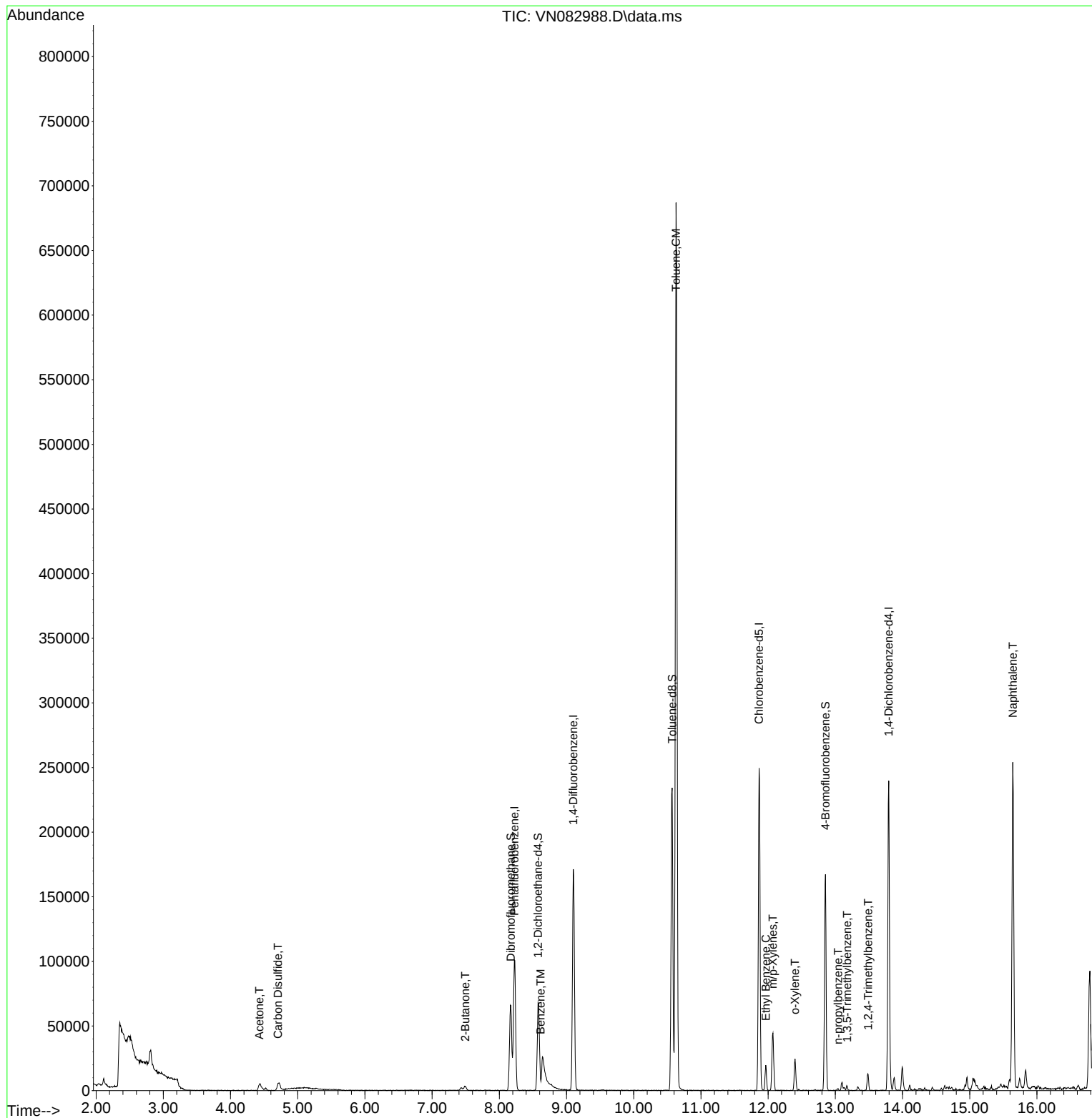
Internal Standards						
1) Pentafluorobenzene	8.224	168	70957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	144826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	142050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	61132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	56390	56.692	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.380%	
35) Dibromofluoromethane	8.171	113	47897	51.540	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.080%	
50) Toluene-d8	10.571	98	162193	47.254	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.500%	
62) 4-Bromofluorobenzene	12.853	95	52342	42.453	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 84.900%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	10192	29.104	ug/l	99
17) Carbon Disulfide	4.707	76	12024	5.555	ug/l	100
25) 2-Butanone	7.495	43	5945	11.243	ug/l	98
40) Benzene	8.612	78	1806	0.458	ug/l #	73
52) Toluene	10.630	92	294558	119.642	ug/l	100
67) Ethyl Benzene	11.965	91	13593	2.657	ug/l	99
68) m/p-Xylenes	12.071	106	14372	7.441	ug/l	93
69) o-Xylene	12.400	106	5929	3.204	ug/l	98
78) n-propylbenzene	13.041	91	1593	0.312	ug/l	91
80) 1,3,5-Trimethylbenzene	13.177	105	2346	0.653	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	8044	2.198	ug/l	96
95) Naphthalene	15.641	128	224671	60.586	ug/l	100

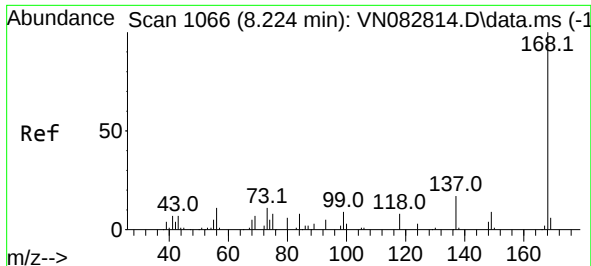
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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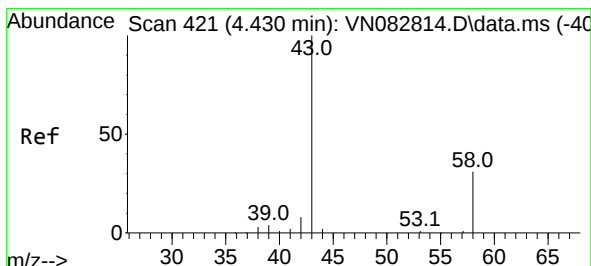
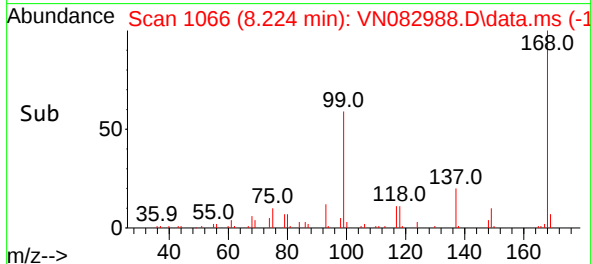
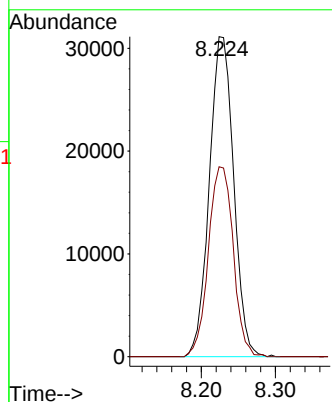
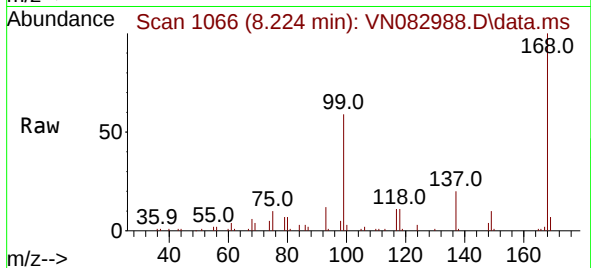




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082988.D
Acq: 19 Jul 2024 14:58

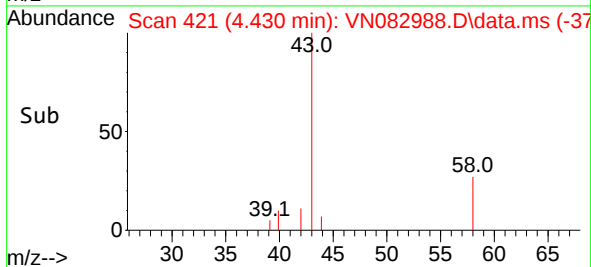
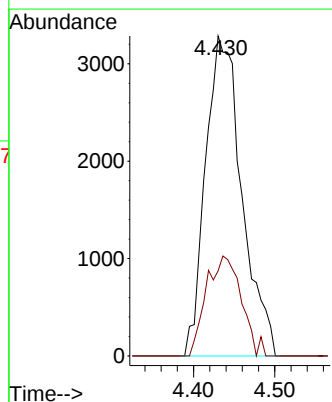
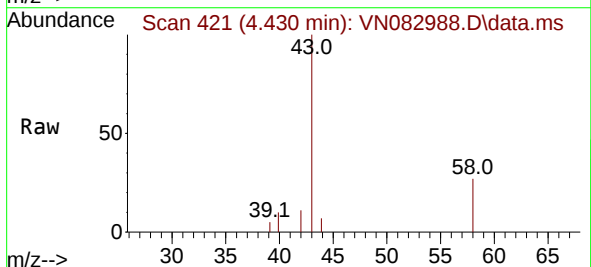
Instrument :
MSVOA_N
ClientSampleId :
A1285

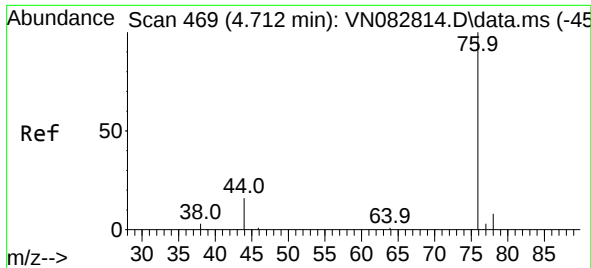
Tgt Ion:168 Resp: 70957
Ion Ratio Lower Upper
168 100
99 59.3 48.2 72.4



#16
Acetone
Concen: 29.104 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN082988.D
Acq: 19 Jul 2024 14:58

Tgt Ion: 43 Resp: 10192
Ion Ratio Lower Upper
43 100
58 26.6 21.8 32.6

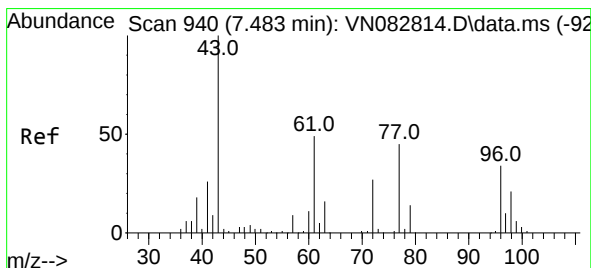
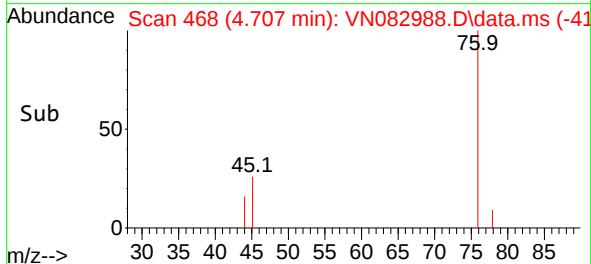
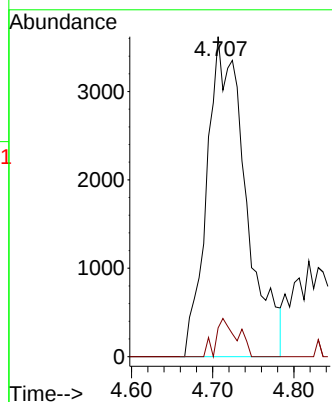
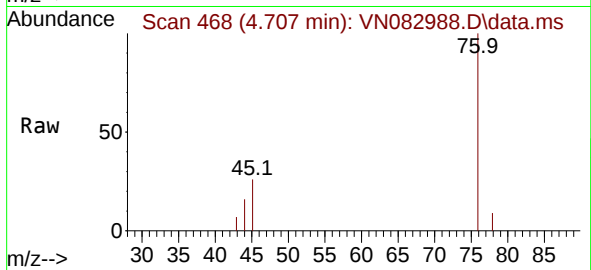




#17
Carbon Disulfide
Concen: 5.555 ug/l
RT: 4.707 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN082988.D
Acq: 19 Jul 2024 14:58

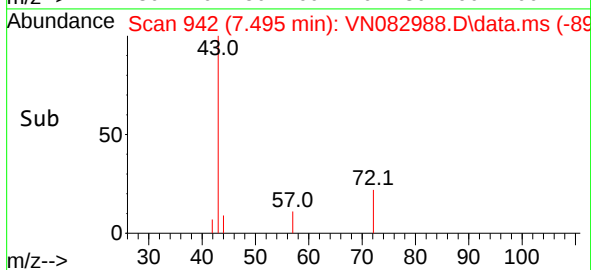
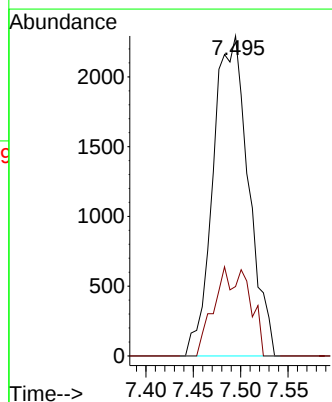
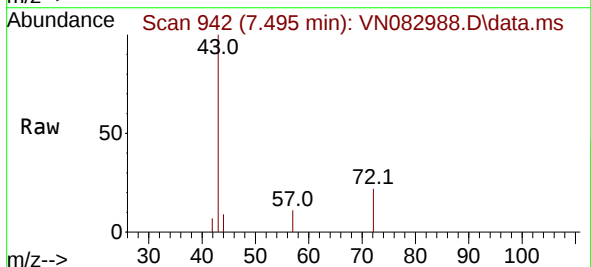
Instrument :
MSVOA_N
ClientSampleId :
A1285

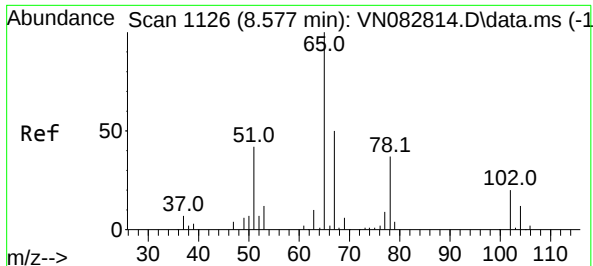
Tgt Ion: 76 Resp: 12024
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#25
2-Butanone
Concen: 11.243 ug/l
RT: 7.495 min Scan# 942
Delta R.T. 0.007 min
Lab File: VN082988.D
Acq: 19 Jul 2024 14:58

Tgt Ion: 43 Resp: 5945
Ion Ratio Lower Upper
43 100
72 21.7 18.2 27.2





#33

1,2-Dichloroethane-d4

Concen: 56.692 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082988.D

Acq: 19 Jul 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

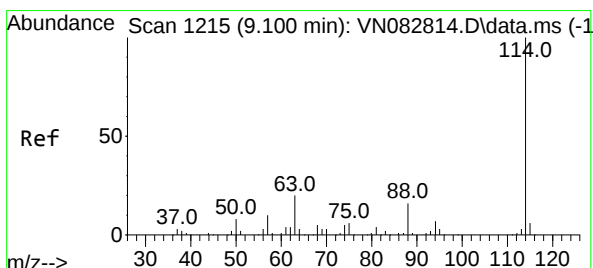
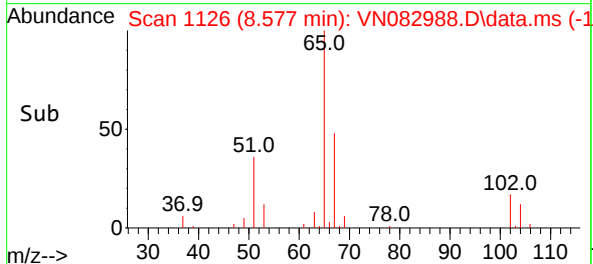
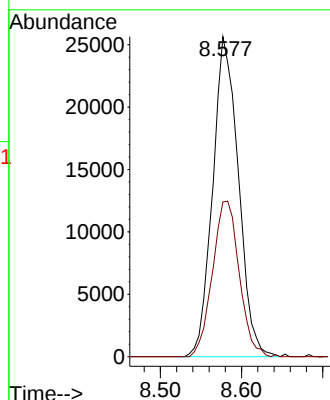
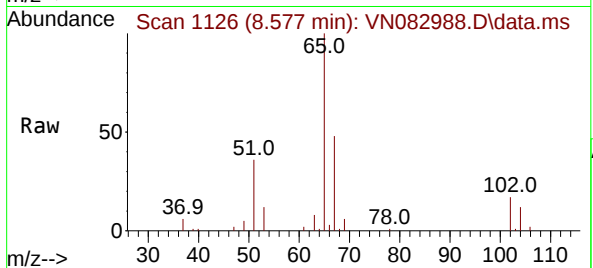
A1285

Tgt Ion: 65 Resp: 56390

Ion Ratio Lower Upper

65 100

67 50.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN082988.D

Acq: 19 Jul 2024 14:58

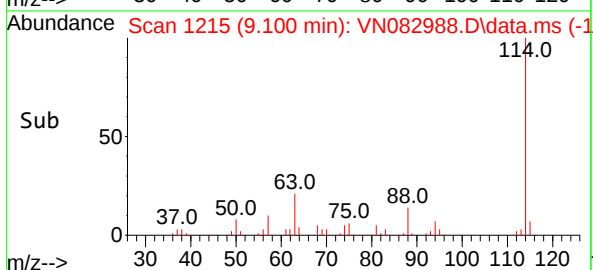
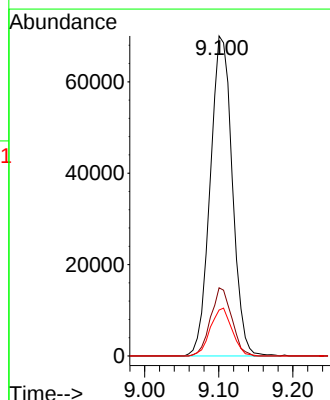
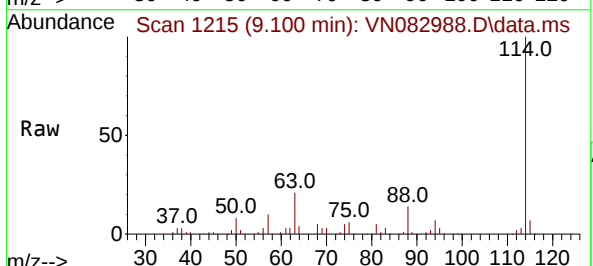
Tgt Ion: 114 Resp: 144826

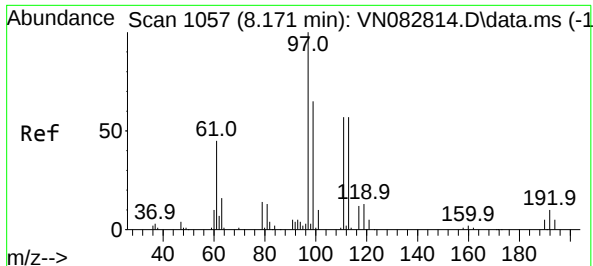
Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.6

88 14.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.540 ug/l

RT: 8.171 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN082988.D

Acq: 19 Jul 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

A1285

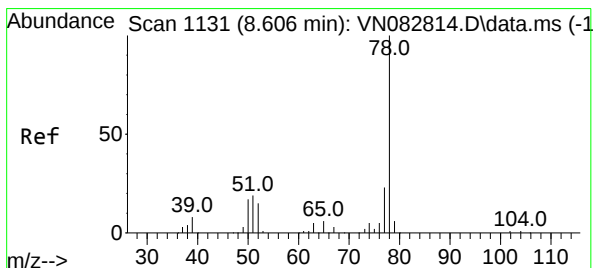
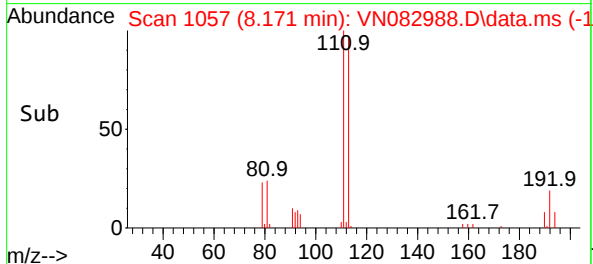
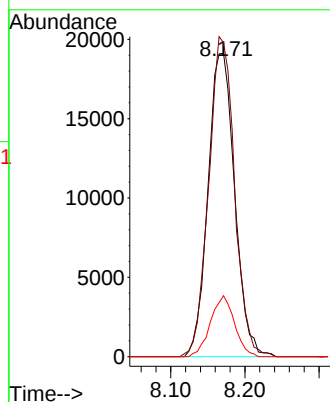
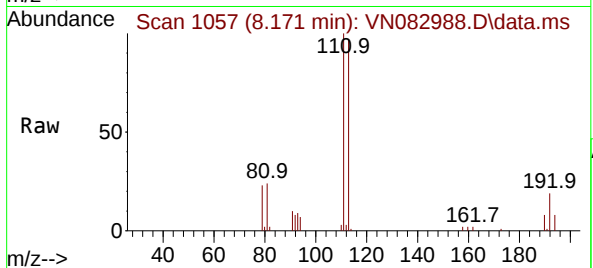
Tgt Ion:113 Resp: 47897

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

192 18.1 14.9 22.3



#40

Benzene

Concen: 0.458 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN082988.D

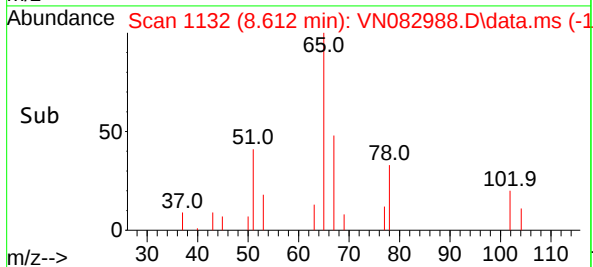
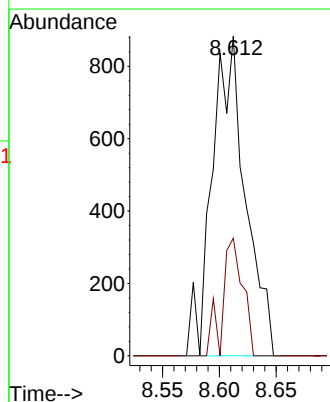
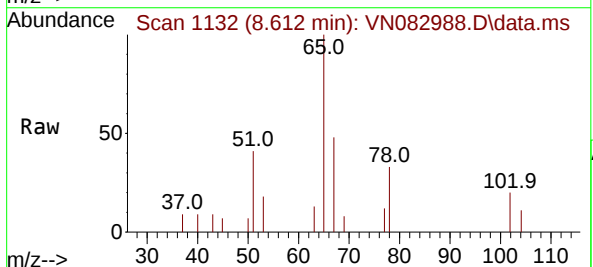
Acq: 19 Jul 2024 14:58

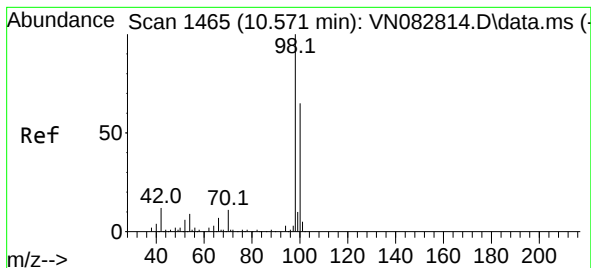
Tgt Ion: 78 Resp: 1806

Ion Ratio Lower Upper

78 100

77 36.8 19.0 28.4#





#50

Toluene-d8

Concen: 47.254 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082988.D

Acq: 19 Jul 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

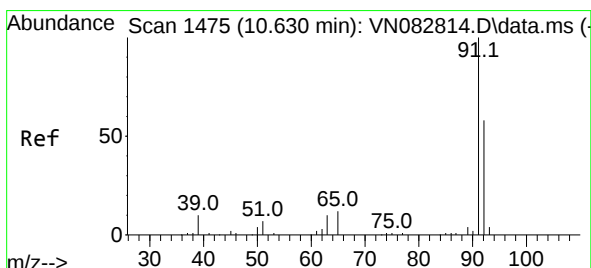
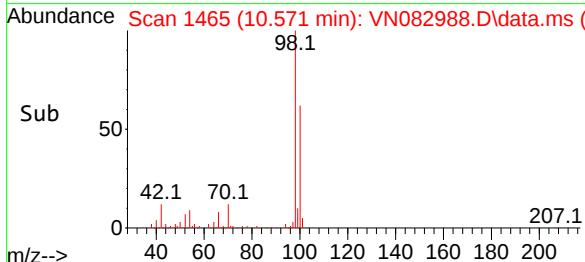
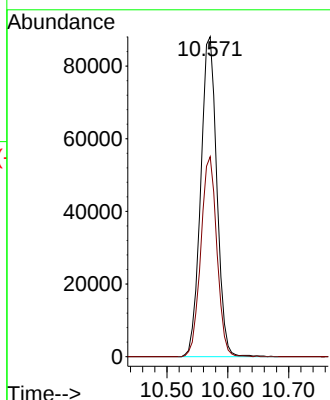
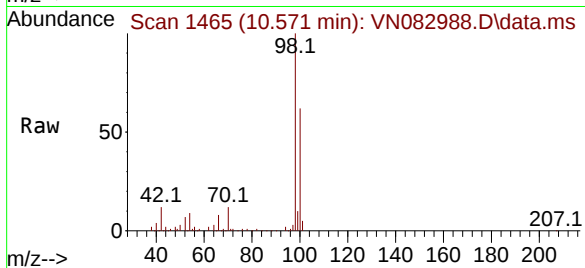
A1285

Tgt Ion: 98 Resp: 162193

Ion Ratio Lower Upper

98 100

100 62.2 51.5 77.3



#52

Toluene

Concen: 119.642 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. -0.005 min

Lab File: VN082988.D

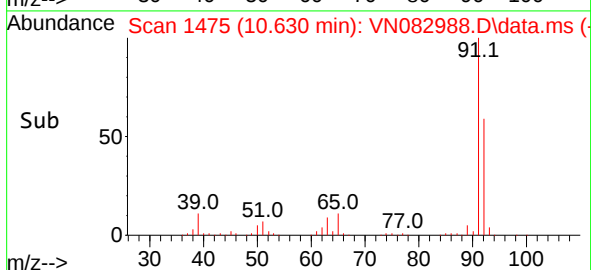
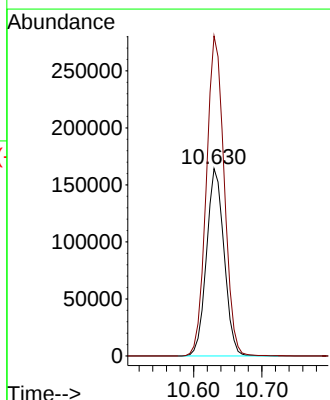
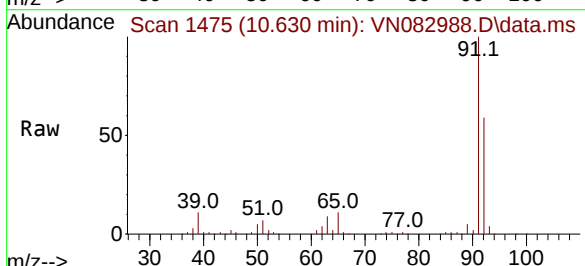
Acq: 19 Jul 2024 14:58

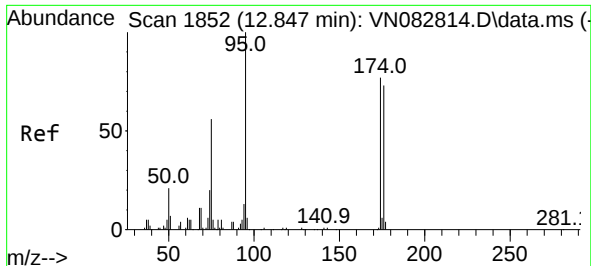
Tgt Ion: 92 Resp: 294558

Ion Ratio Lower Upper

92 100

91 173.6 139.4 209.0

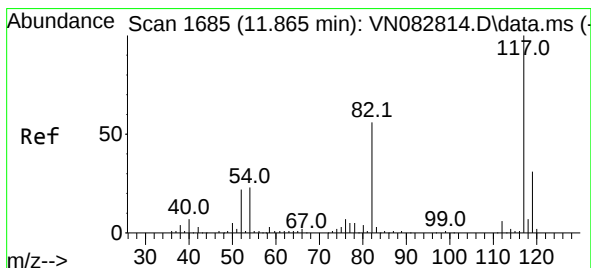
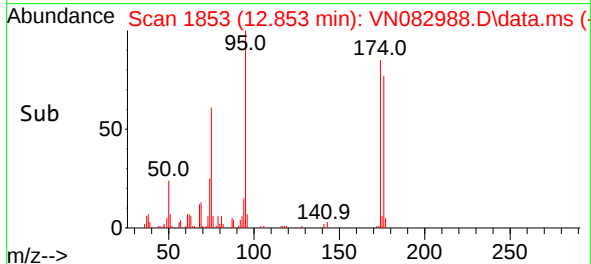
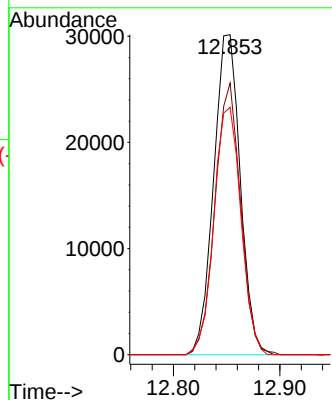
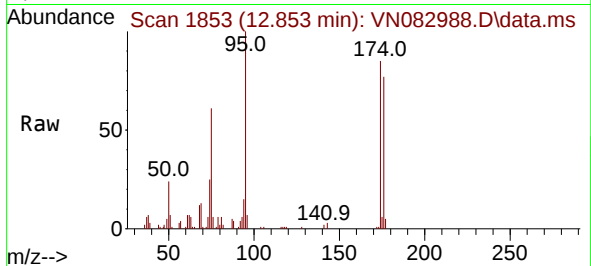




#62
4-Bromofluorobenzene
Concen: 42.453 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082988.D
Acq: 19 Jul 2024 14:58

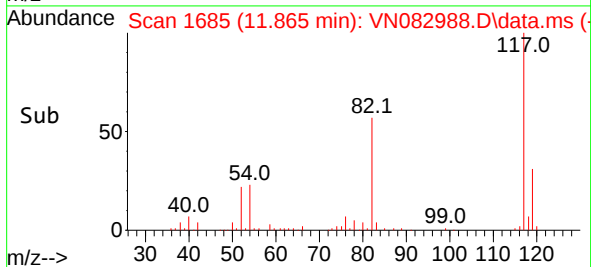
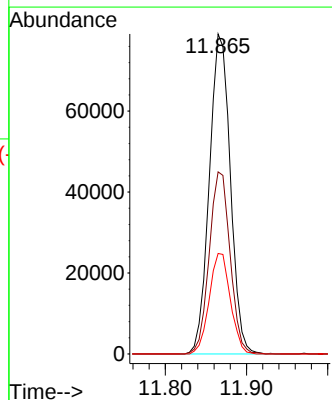
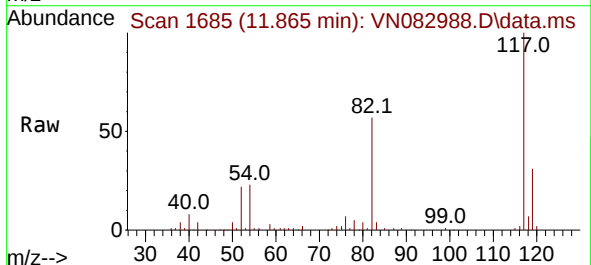
Instrument :
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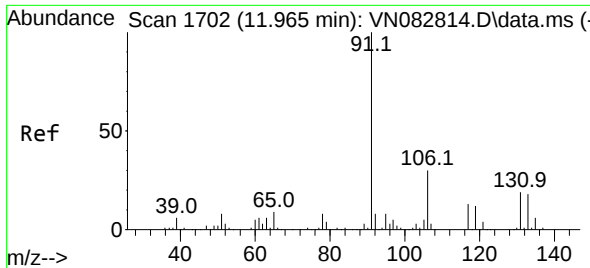
Tgt Ion: 95 Resp: 52342
Ion Ratio Lower Upper
95 100
174 81.5 0.0 159.2
176 78.3 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082988.D
Acq: 19 Jul 2024 14:58

Tgt Ion: 117 Resp: 142050
Ion Ratio Lower Upper
117 100
82 56.9 47.5 71.3
119 31.4 25.6 38.4





#67

Ethyl Benzene

Concen: 2.657 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.001 min

Lab File: VN082988.D

Acq: 19 Jul 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

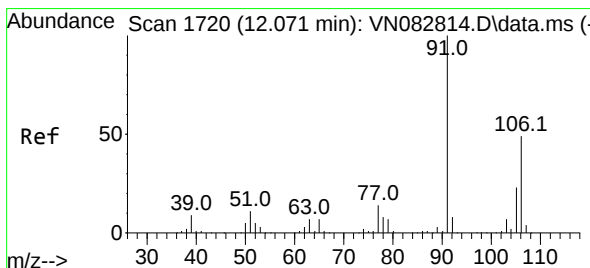
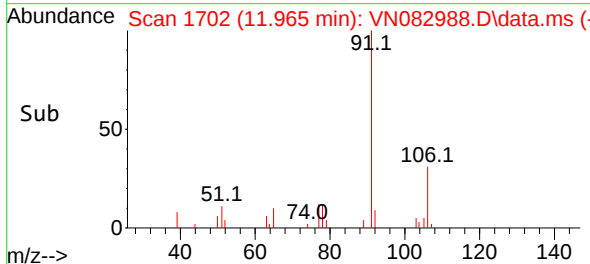
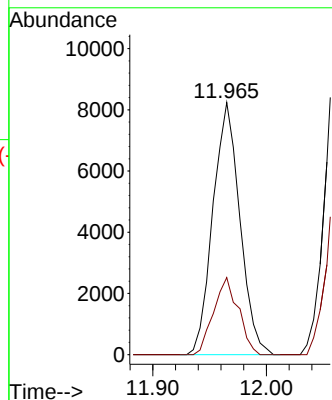
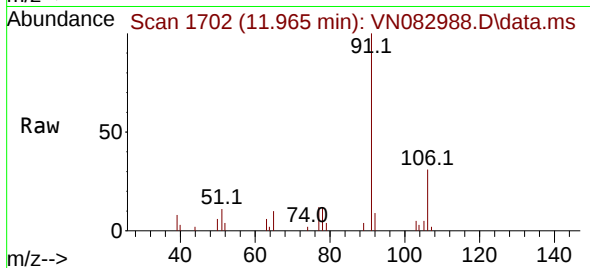
A1285

Tgt Ion: 91 Resp: 13593

Ion Ratio Lower Upper

91 100

106 30.6 24.0 36.0



#68

m/p-Xylenes

Concen: 7.441 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.001 min

Lab File: VN082988.D

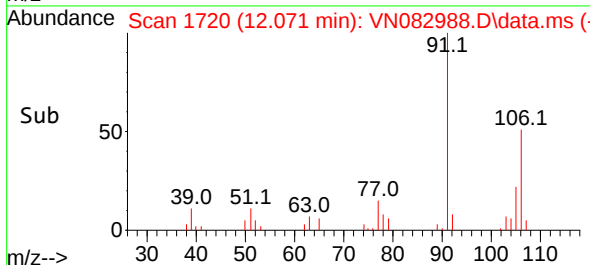
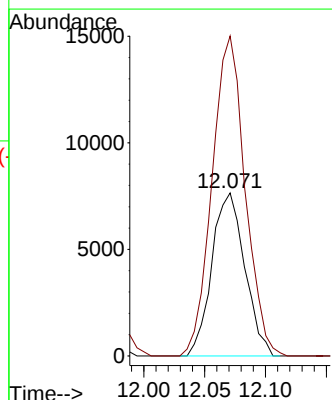
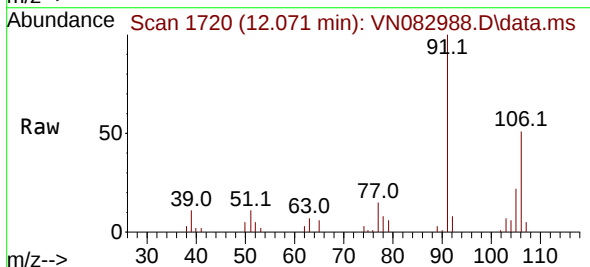
Acq: 19 Jul 2024 14:58

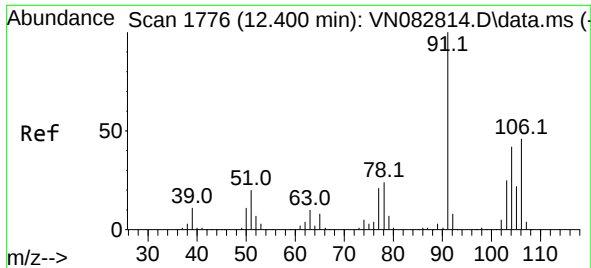
Tgt Ion: 106 Resp: 14372

Ion Ratio Lower Upper

106 100

91 197.2 166.1 249.1

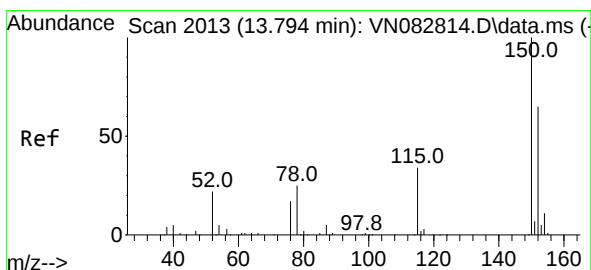
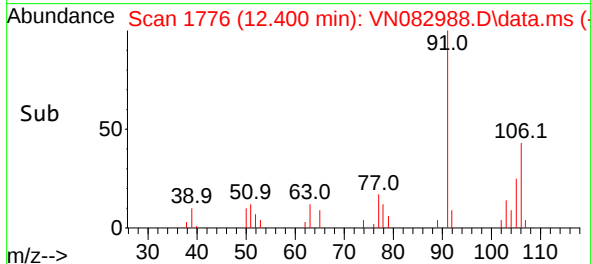
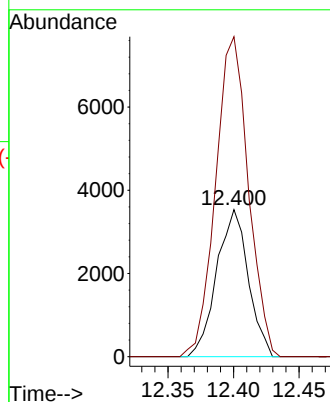
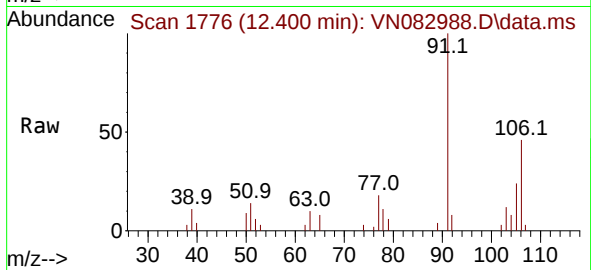




#69
o-Xylene
Concen: 3.204 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082988.D
Acq: 19 Jul 2024 14:58

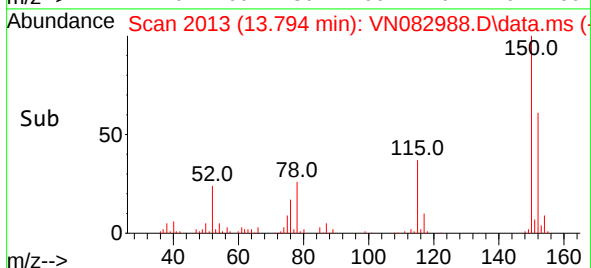
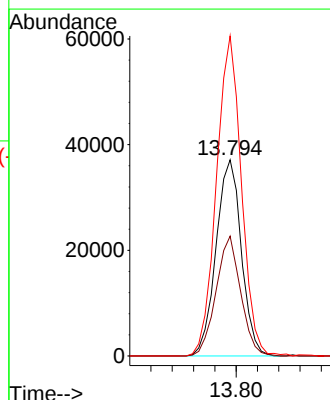
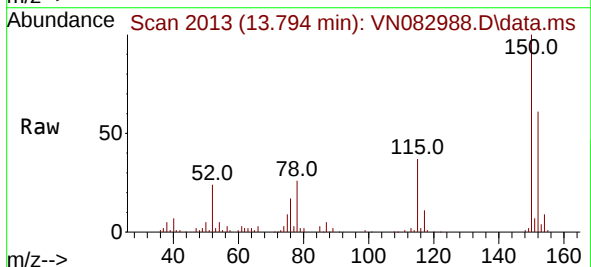
Instrument :
MSVOA_N
ClientSampleId :
A1285

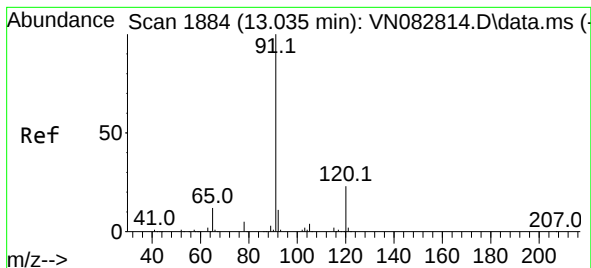
Tgt Ion:106 Resp: 5929
Ion Ratio Lower Upper
106 100
91 225.5 111.3 333.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082988.D
Acq: 19 Jul 2024 14:58

Tgt Ion:152 Resp: 61132
Ion Ratio Lower Upper
152 100
115 59.4 30.6 91.6
150 160.9 0.0 348.6





#78

n-propylbenzene

Concen: 0.312 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN082988.D

Acq: 19 Jul 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

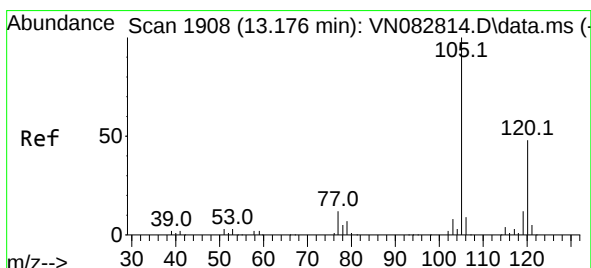
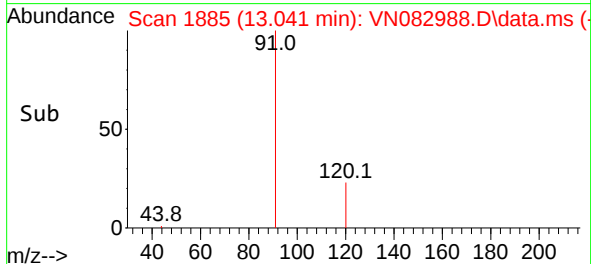
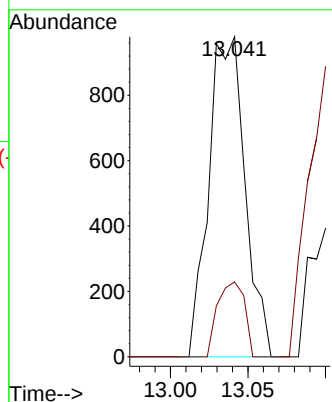
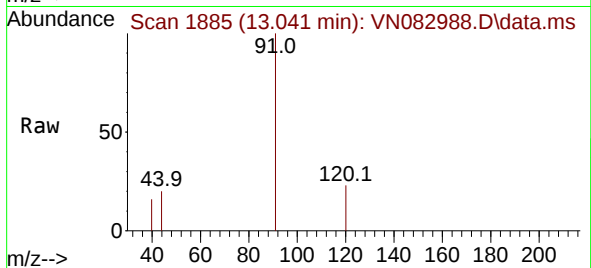
A1285

Tgt Ion: 91 Resp: 1593

Ion Ratio Lower Upper

91 100

120 17.4 10.9 32.9



#80

1,3,5-Trimethylbenzene

Concen: 0.653 ug/l

RT: 13.177 min Scan# 1908

Delta R.T. 0.001 min

Lab File: VN082988.D

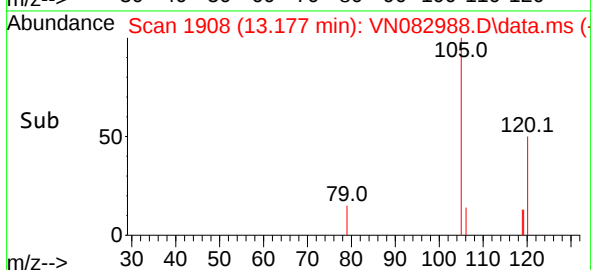
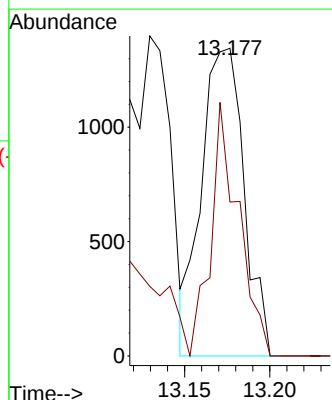
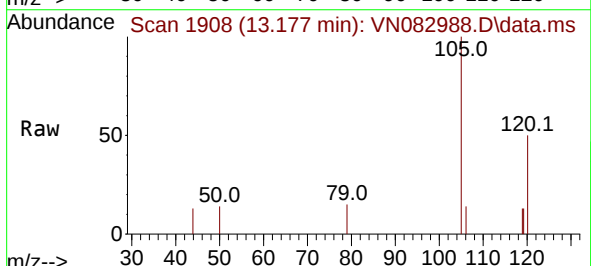
Acq: 19 Jul 2024 14:58

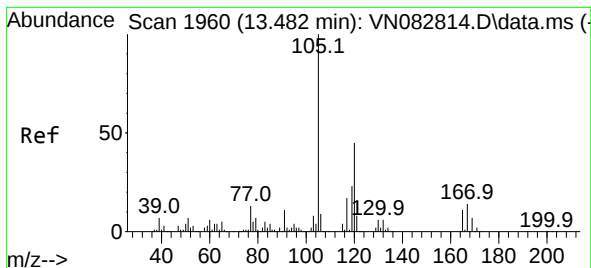
Tgt Ion: 105 Resp: 2346

Ion Ratio Lower Upper

105 100

120 53.3 24.3 72.8





#84

1,2,4-Trimethylbenzene

Concen: 2.198 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN082988.D

Acq: 19 Jul 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

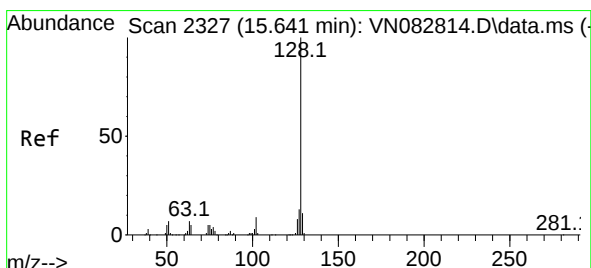
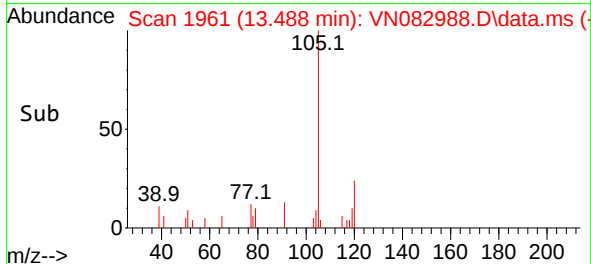
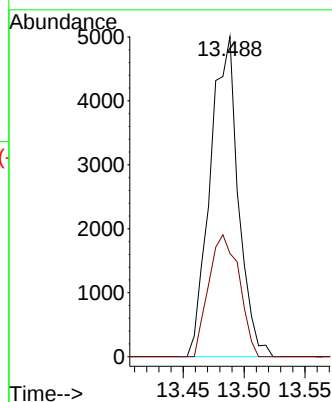
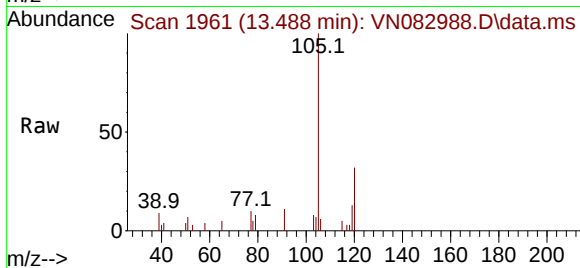
A1285

Tgt Ion:105 Resp: 8044

Ion Ratio Lower Upper

105 100

120 41.3 21.9 65.8



#95

Naphthalene

Concen: 60.586 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082988.D

Acq: 19 Jul 2024 14:58

Tgt Ion:128 Resp: 224671

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.7 8.6 12.8

