

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081483.D
 Acq On : 19 Mar 2024 20:08
 Operator : JC\MD
 Sample : P1772-01
 Misc : 1.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1151

Quant Time: Mar 20 01:24:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

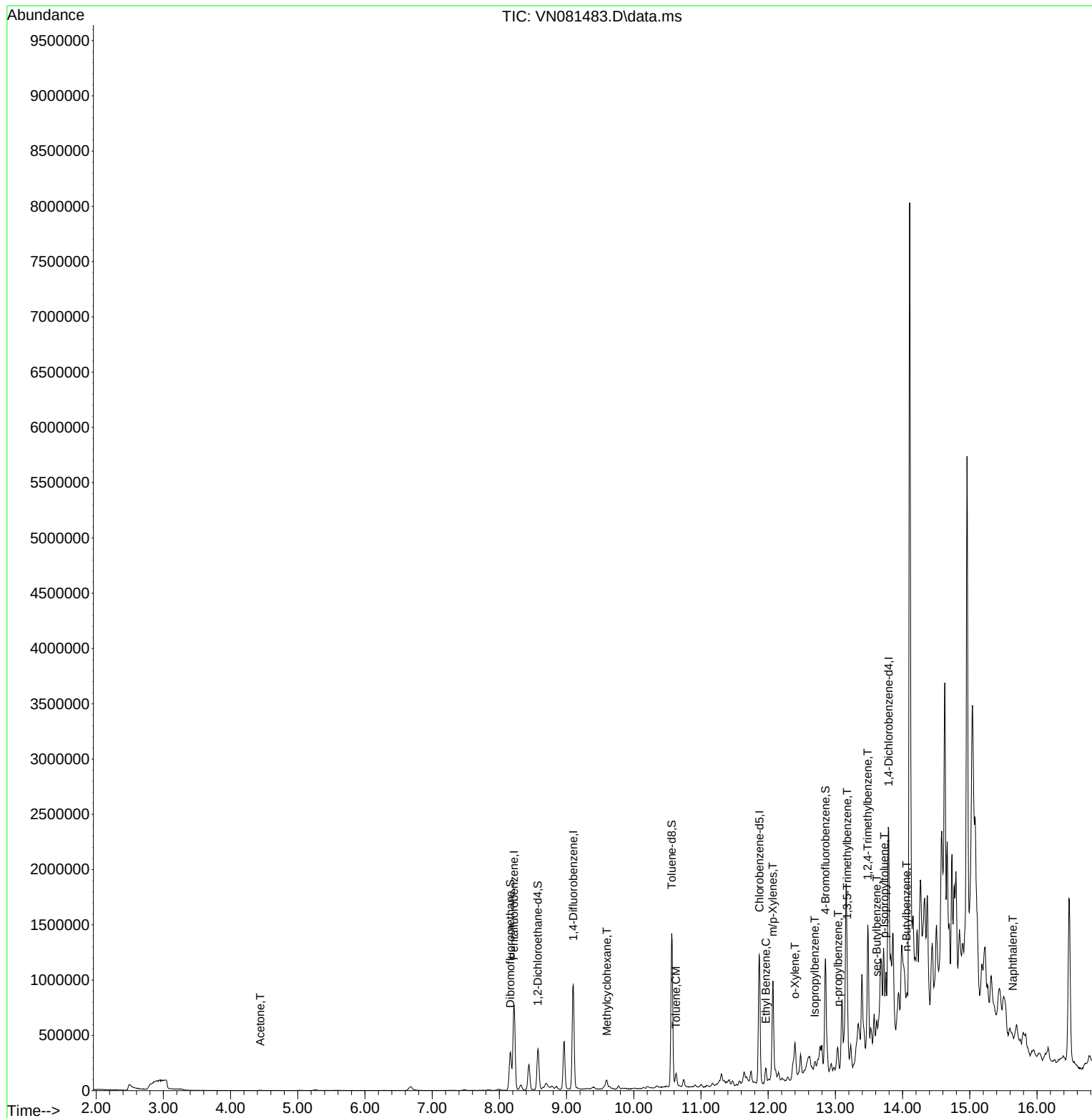
Internal Standards						
1) Pentafluorobenzene	8.218	168	494813	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	837856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	730412	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	361066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	299553	47.471	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.940%		
35) Dibromofluoromethane	8.165	113	245517	46.431	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.860%		
50) Toluene-d8	10.565	98	969804	50.737	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.480%		
62) 4-Bromofluorobenzene	12.853	95	354640	52.655	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	105.300%		
Target Compounds						
						Qvalue
16) Acetone	4.442	43	4720	2.315	ug/l	# 82
39) Methylcyclohexane	9.600	83	33040	3.325	ug/l	85
52) Toluene	10.629	92	49037	2.966	ug/l	99
67) Ethyl Benzene	11.965	91	100324	3.345	ug/l	99
68) m/p-Xylenes	12.071	106	162585	14.459	ug/l	97
69) o-Xylene	12.400	106	78865	7.144	ug/l	98
73) Isopropylbenzene	12.694	105	37229	1.210	ug/l	97
78) n-propylbenzene	13.041	91	140934	3.877	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	176839	6.956	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	693651	27.149	ug/l	96
85) sec-Butylbenzene	13.617	105	76012	2.426	ug/l	# 77
86) p-Isopropyltoluene	13.729	119	49883	1.947	ug/l	97
89) n-Butylbenzene	14.059	91	116953	5.149	ug/l	# 78
95) Naphthalene	15.641	128	89249	3.543	ug/l	# 71

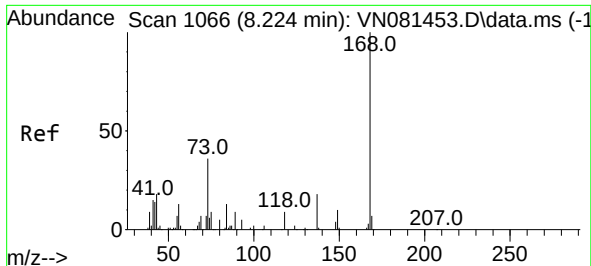
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
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Instrument :
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1151

Quant Time: Mar 20 01:24:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

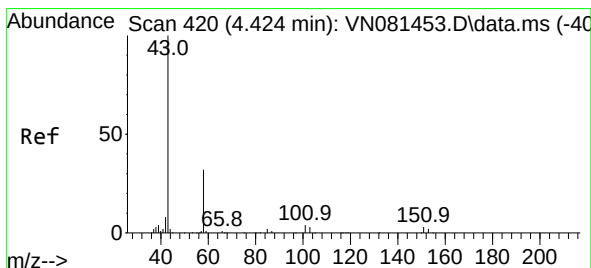
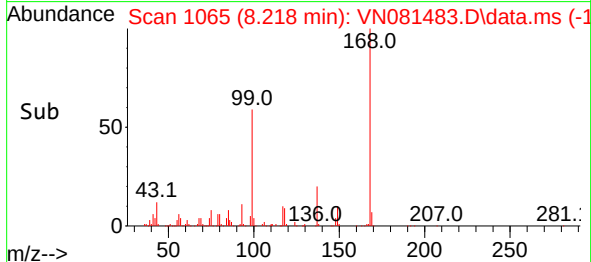
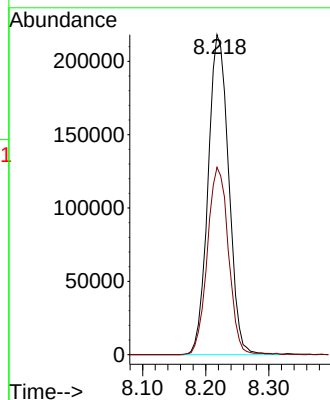
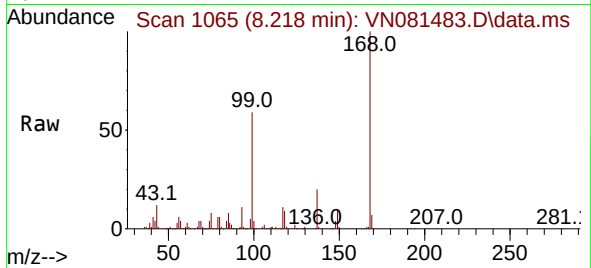




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

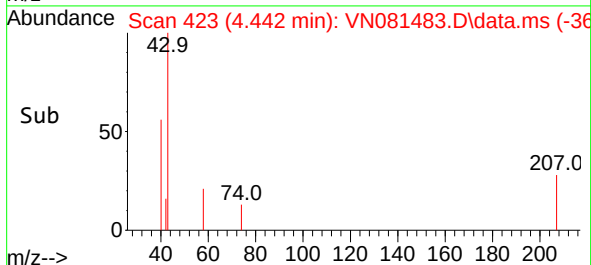
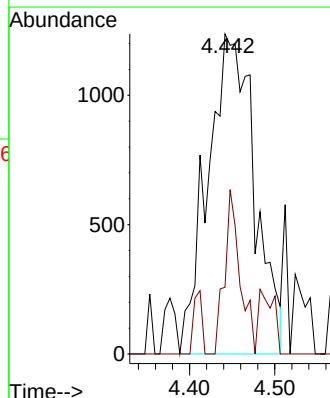
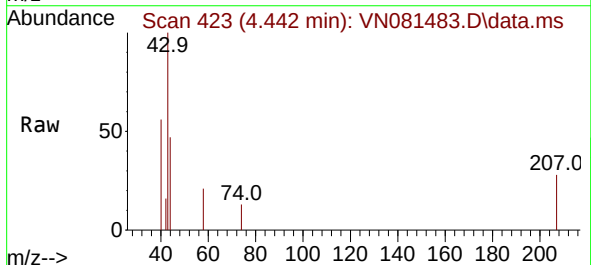
Instrument :
MSVOA_N
ClientSampleId :
1151

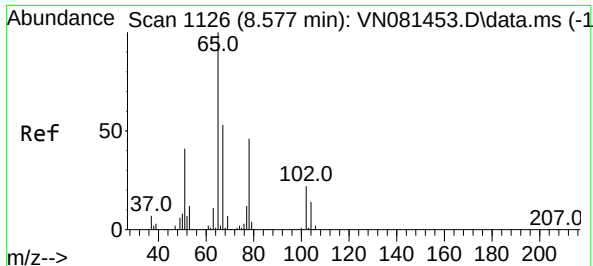
Tgt Ion:168 Resp: 494813
Ion Ratio Lower Upper
168 100
99 58.5 59.9 89.9#



#16
Acetone
Concen: 2.315 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

Tgt Ion: 43 Resp: 4720
Ion Ratio Lower Upper
43 100
58 20.9 24.8 37.2#





#33

1,2-Dichloroethane-d4

Concen: 47.471 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

Instrument :

MSVOA_N

ClientSampleId :

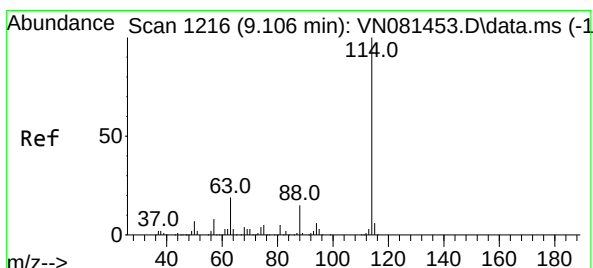
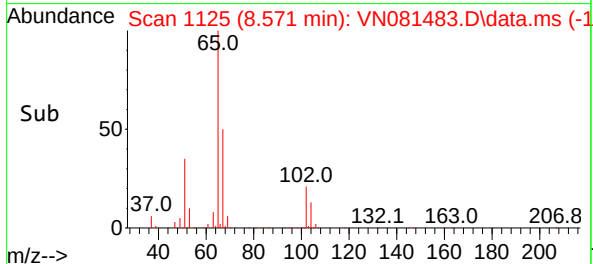
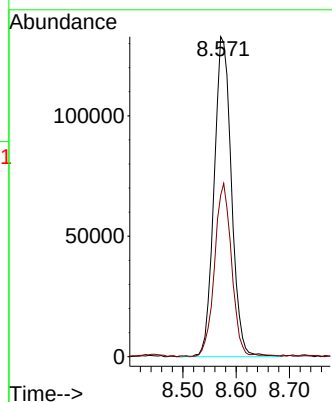
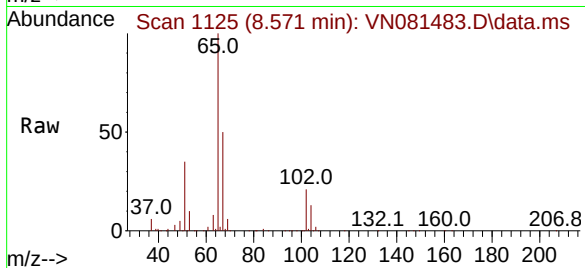
1151

Tgt Ion: 65 Resp: 299553

Ion Ratio Lower Upper

65 100

67 52.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

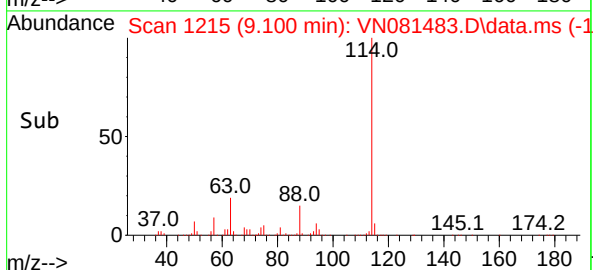
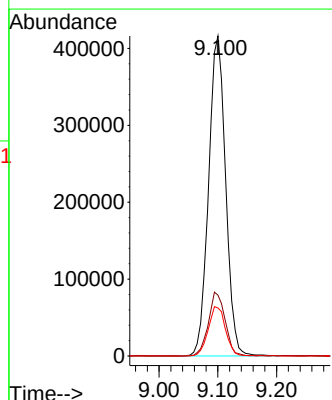
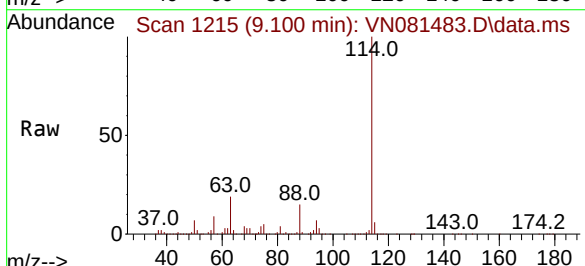
Tgt Ion: 114 Resp: 837856

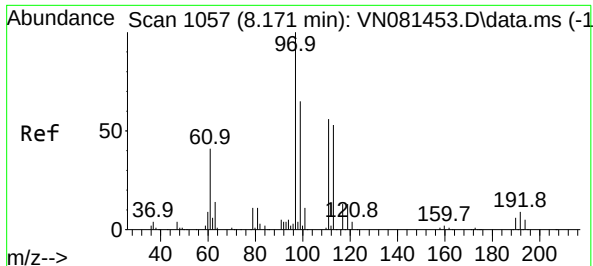
Ion Ratio Lower Upper

114 100

63 19.0 0.0 48.0

88 15.0 0.0 34.8

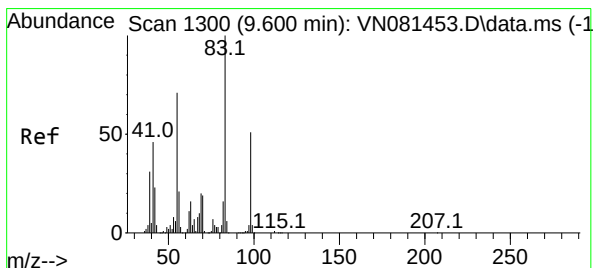
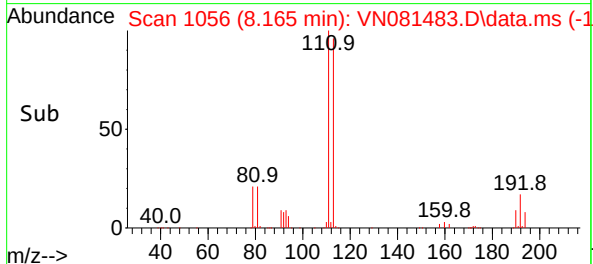
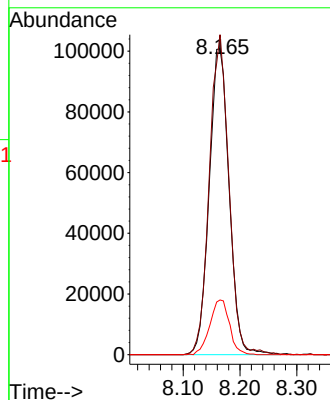
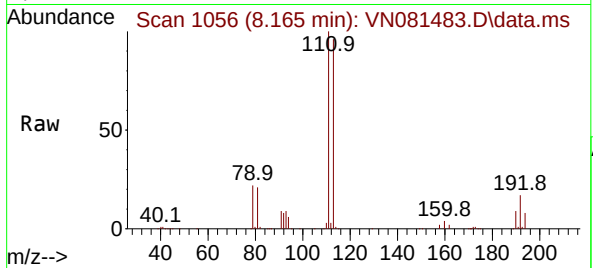




#35
Dibromofluoromethane
Concen: 46.431 ug/l
RT: 8.165 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

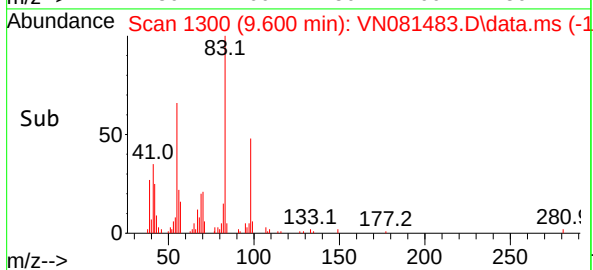
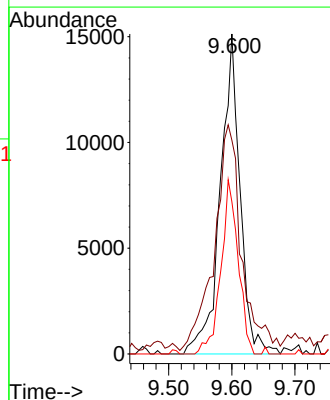
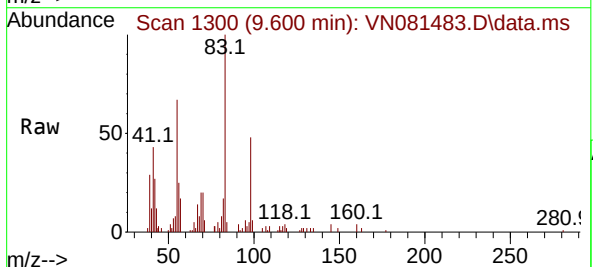
Instrument :
MSVOA_N
ClientSampleId :
1151

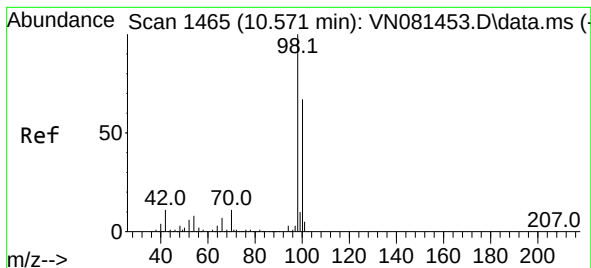
Tgt Ion:113 Resp: 245517
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 17.6 12.5 18.7



#39
Methylcyclohexane
Concen: 3.325 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

Tgt Ion: 83 Resp: 33040
Ion Ratio Lower Upper
83 100
55 65.7 65.7 98.5
98 47.5 33.8 50.6

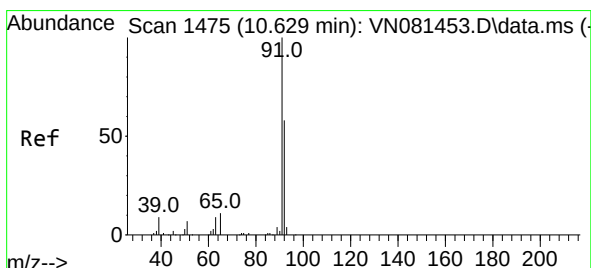
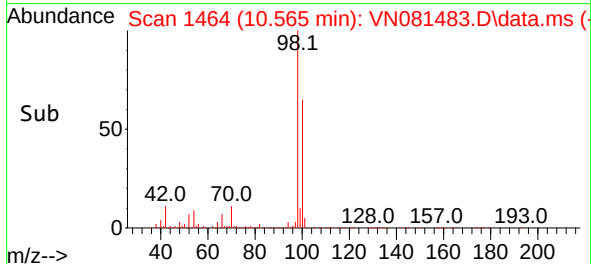
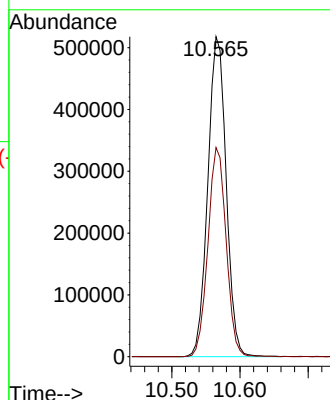
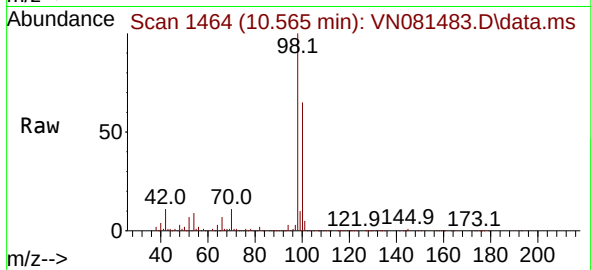




#50
Toluene-d8
Concen: 50.737 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

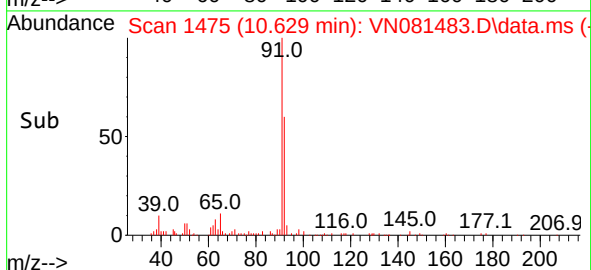
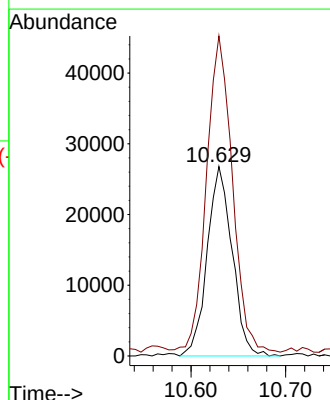
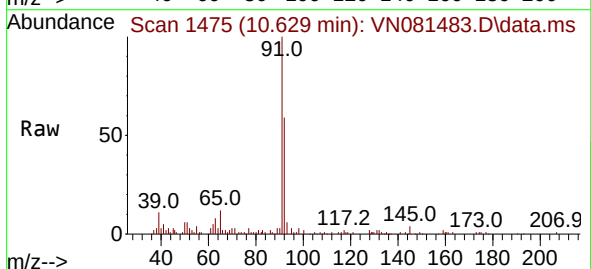
Instrument :
MSVOA_N
ClientSampleId :
1151

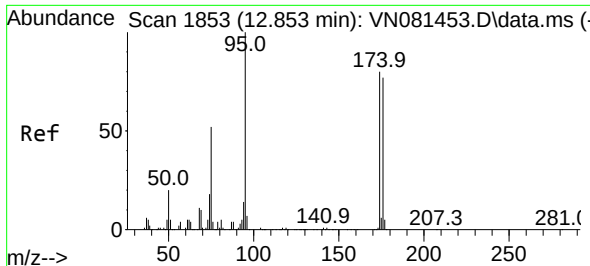
Tgt Ion: 98 Resp: 969804
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#52
Toluene
Concen: 2.966 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

Tgt Ion: 92 Resp: 49037
Ion Ratio Lower Upper
92 100
91 173.1 139.4 209.0

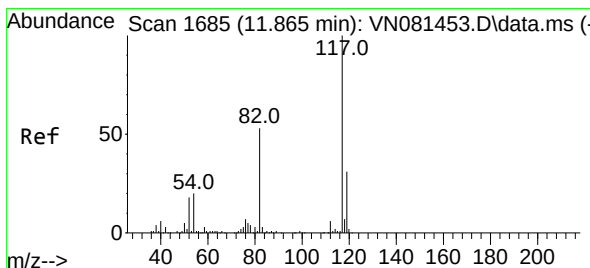
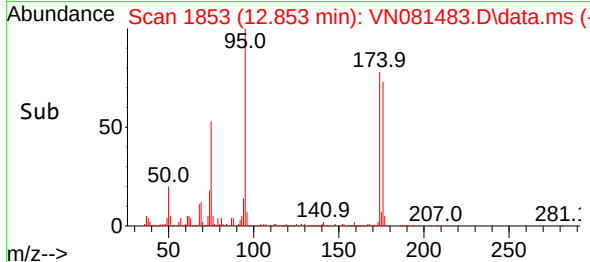
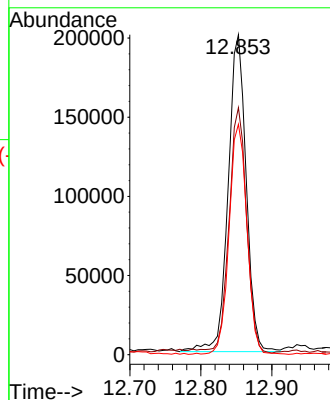
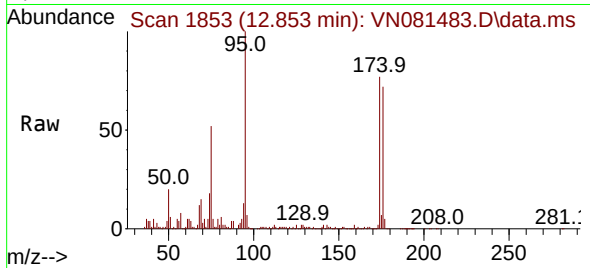




#62
4-Bromofluorobenzene
Concen: 52.655 ug/l
RT: 12.853 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

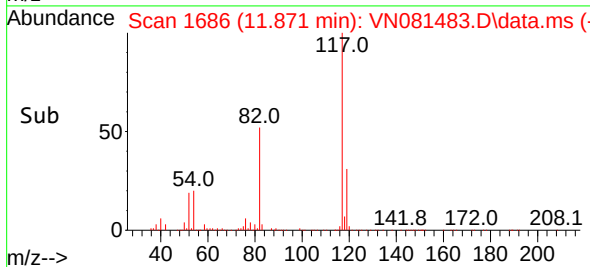
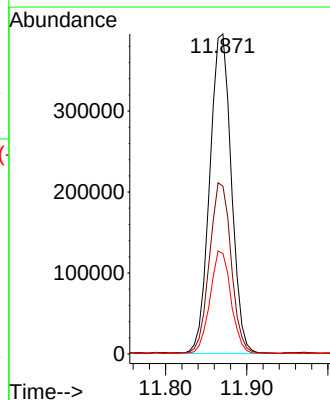
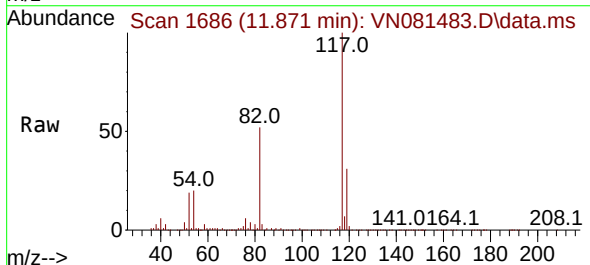
Instrument :
MSVOA_N
ClientSampleId :
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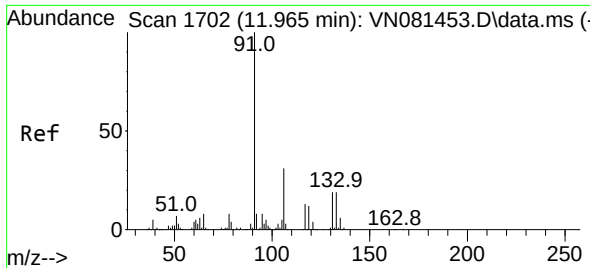
Tgt Ion: 95 Resp: 354640
Ion Ratio Lower Upper
95 100
174 75.0 0.0 120.4
176 71.6 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

Tgt Ion: 117 Resp: 730412
Ion Ratio Lower Upper
117 100
82 52.3 52.7 79.1#
119 31.3 25.3 37.9

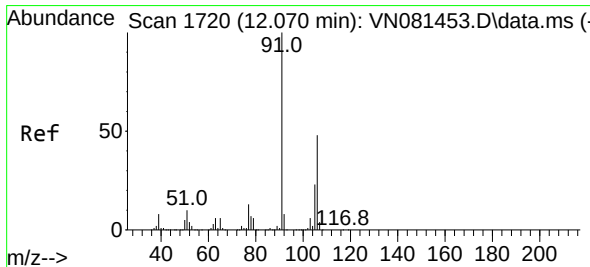
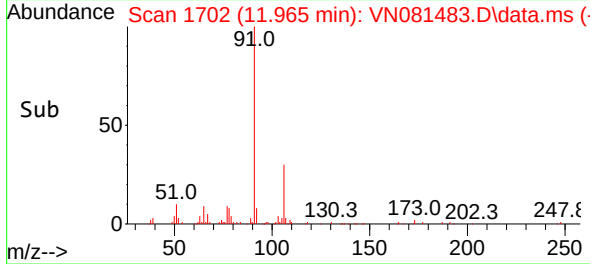
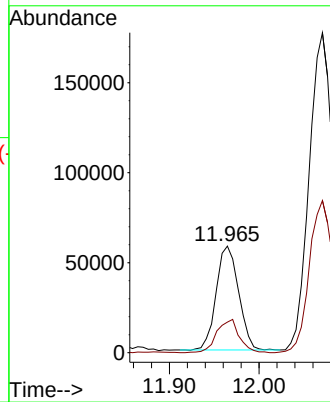
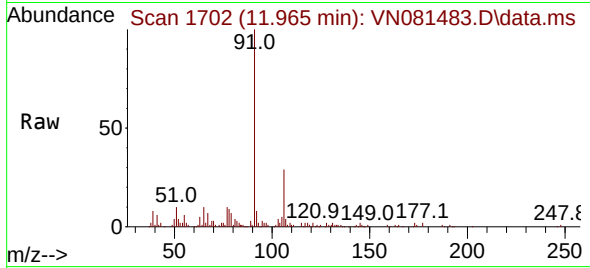




#67
Ethyl Benzene
Concen: 3.345 ug/l
RT: 11.965 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

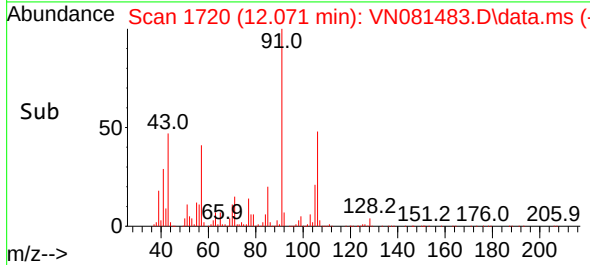
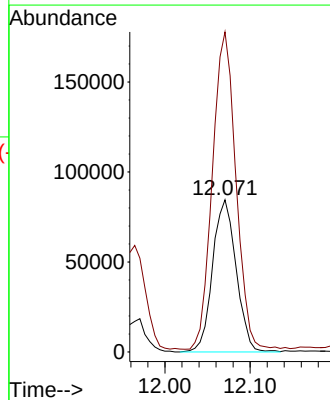
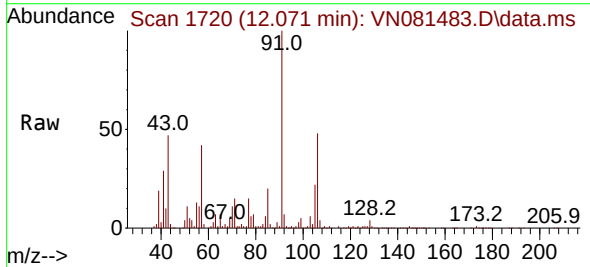
Instrument :
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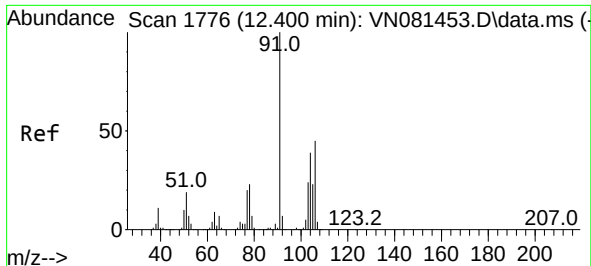
Tgt Ion: 91 Resp: 100324
Ion Ratio Lower Upper
91 100
106 29.4 23.8 35.6



#68
m/p-Xylenes
Concen: 14.459 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

Tgt Ion:106 Resp: 162585
Ion Ratio Lower Upper
106 100
91 207.2 169.0 253.6

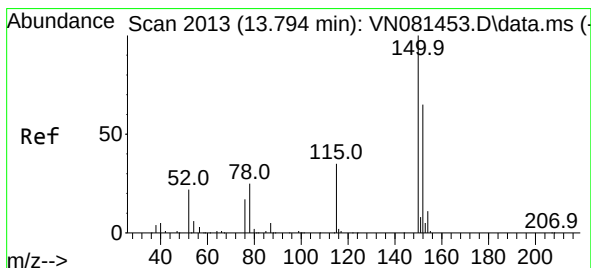
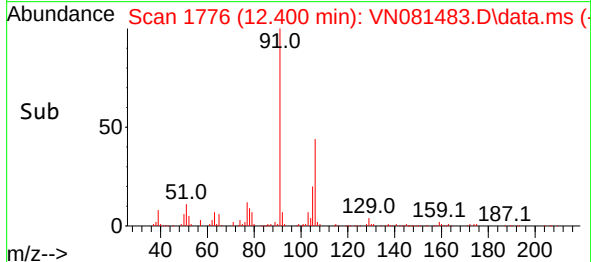
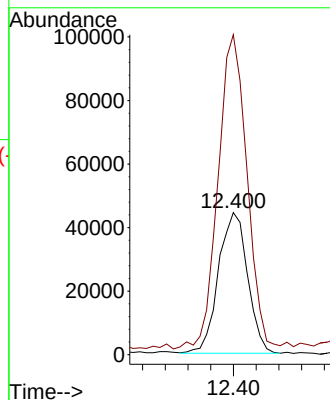
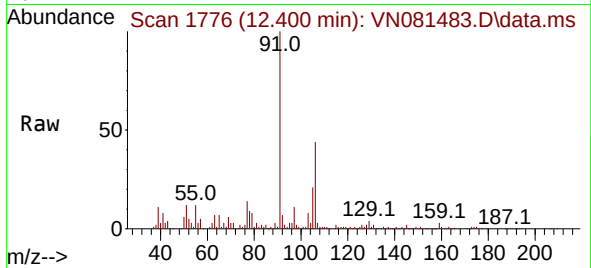




#69
o-Xylene
Concen: 7.144 ug/l
RT: 12.400 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

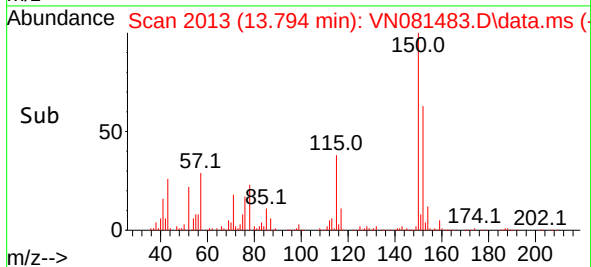
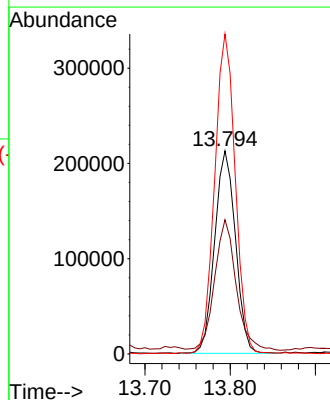
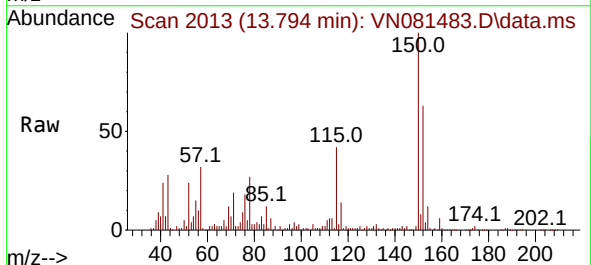
Instrument :
MSVOA_N
ClientSampleId :
1151

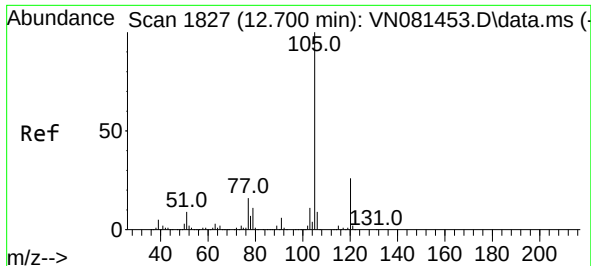
Tgt Ion:106 Resp: 78865
Ion Ratio Lower Upper
106 100
91 221.5 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

Tgt Ion:152 Resp: 361066
Ion Ratio Lower Upper
152 100
115 66.7 32.3 96.8
150 155.5 0.0 339.8

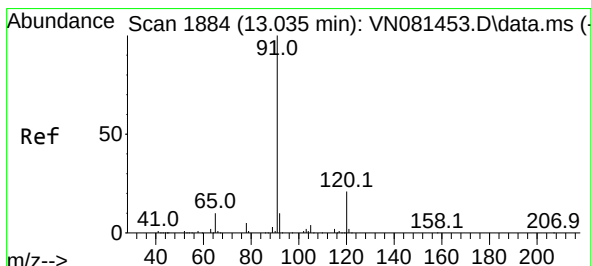
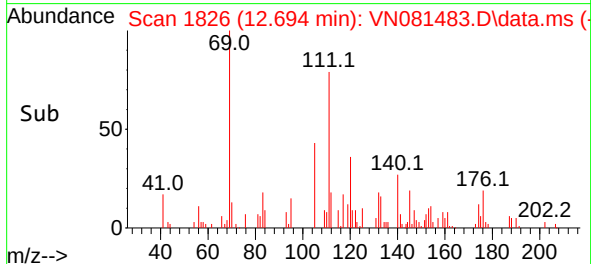
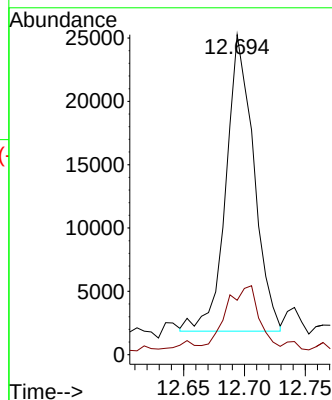
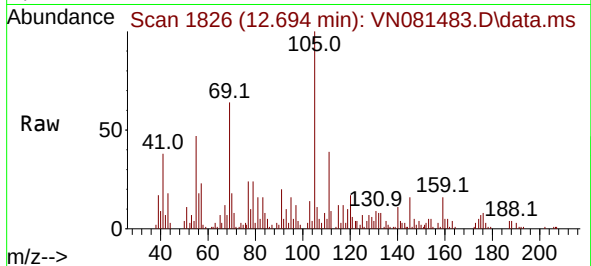




#73
Isopropylbenzene
Concen: 1.210 ug/l
RT: 12.694 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

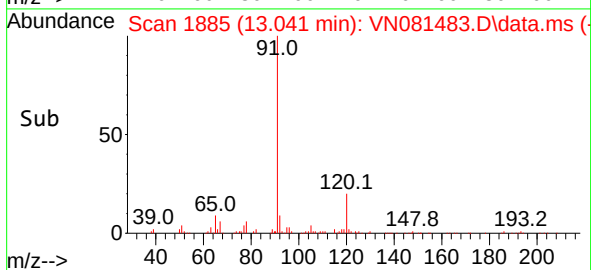
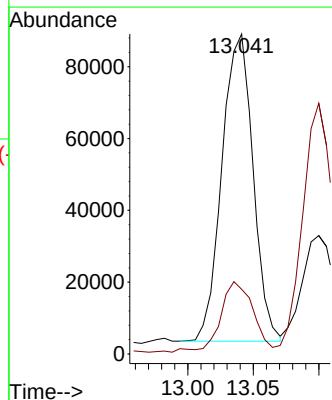
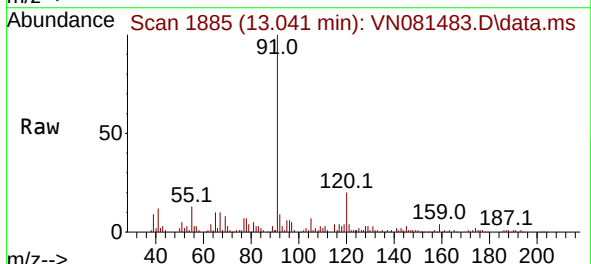
Instrument :
MSVOA_N
ClientSampleId :
1151

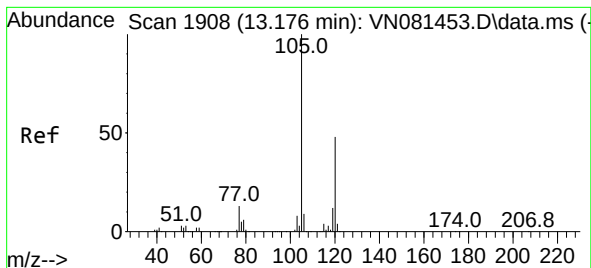
Tgt Ion:105 Resp: 37229
Ion Ratio Lower Upper
105 100
120 26.6 12.6 37.6



#78
n-propylbenzene
Concen: 3.877 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

Tgt Ion: 91 Resp: 140934
Ion Ratio Lower Upper
91 100
120 24.2 10.3 30.9





#80

1,3,5-Trimethylbenzene

Concen: 6.956 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

Instrument :

MSVOA_N

ClientSampleId :

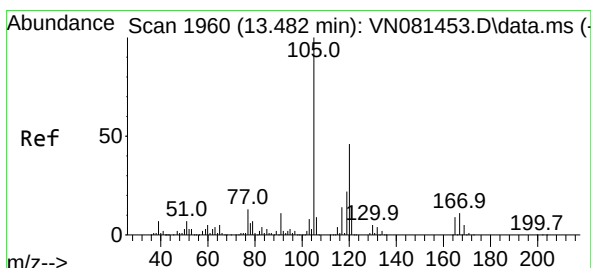
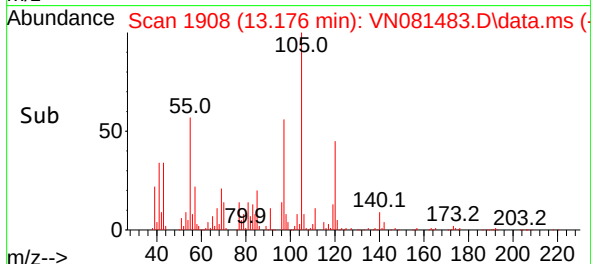
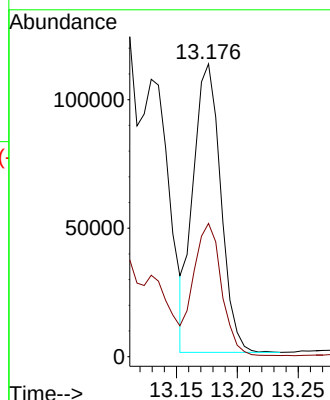
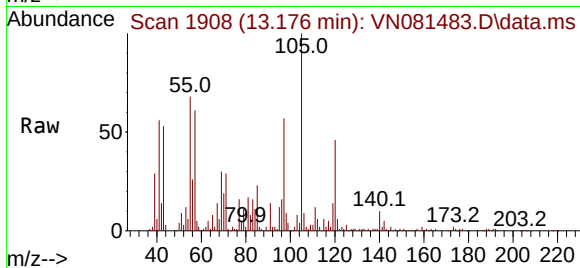
1151

Tgt Ion:105 Resp: 176839

Ion Ratio Lower Upper

105 100

120 46.8 23.0 69.0



#84

1,2,4-Trimethylbenzene

Concen: 27.149 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081483.D

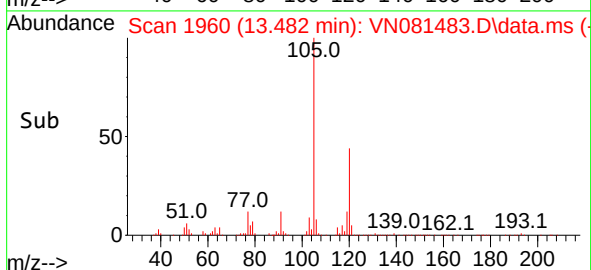
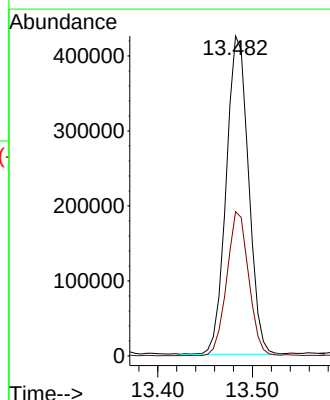
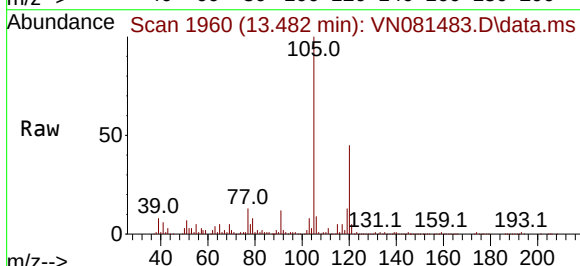
Acq: 19 Mar 2024 20:08

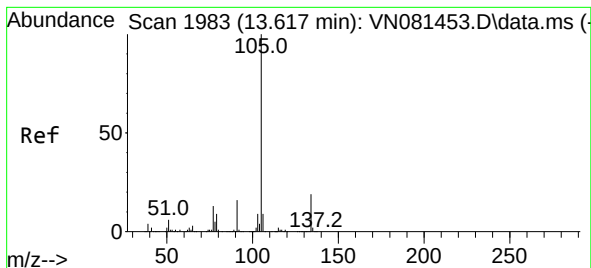
Tgt Ion:105 Resp: 693651

Ion Ratio Lower Upper

105 100

120 44.4 20.9 62.7





#85

sec-Butylbenzene

Concen: 2.426 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

Instrument :

MSVOA_N

ClientSampleId :

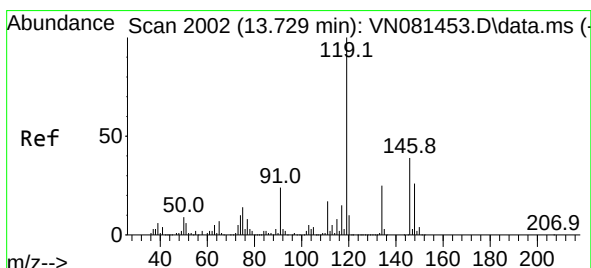
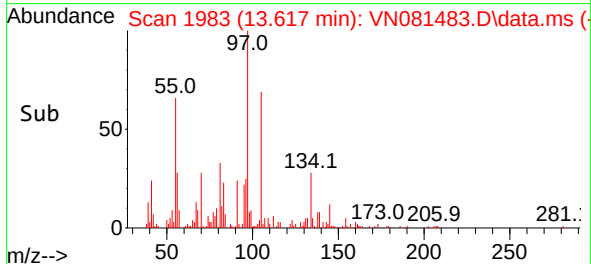
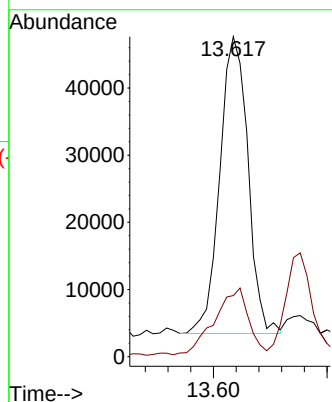
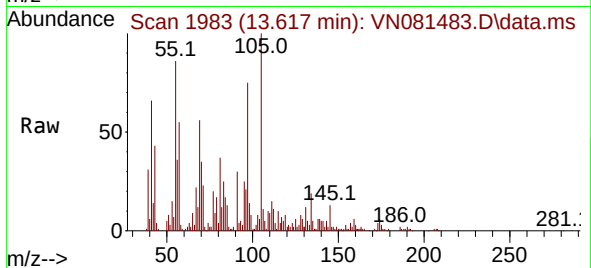
1151

Tgt Ion:105 Resp: 76012

Ion Ratio Lower Upper

105 100

134 27.0 8.6 25.8#



#86

p-Isopropyltoluene

Concen: 1.947 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

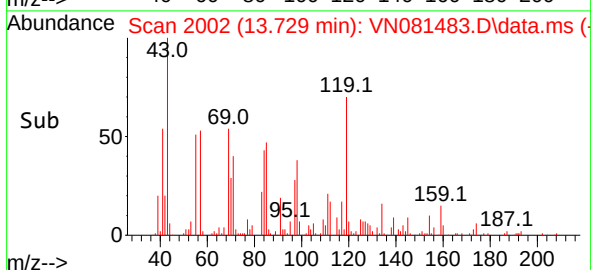
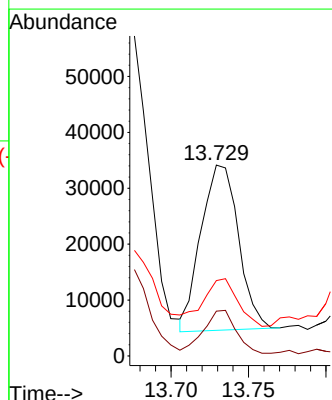
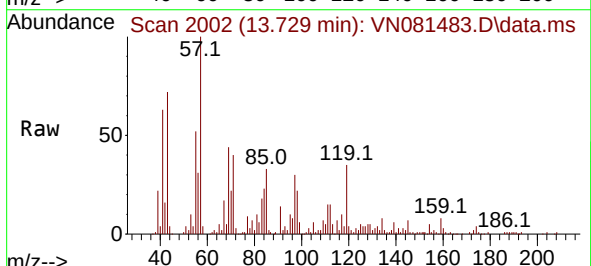
Tgt Ion:119 Resp: 49883

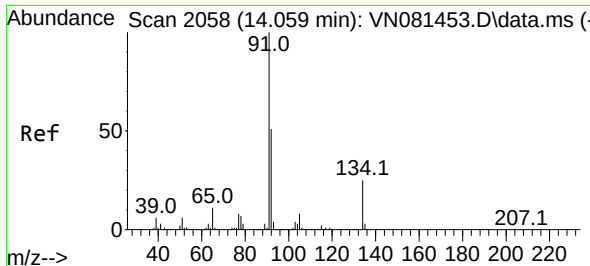
Ion Ratio Lower Upper

119 100

134 22.4 12.4 37.2

91 26.3 13.5 40.4

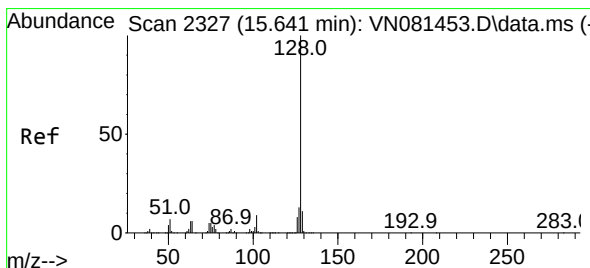
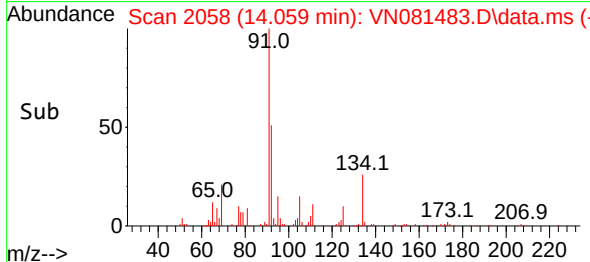
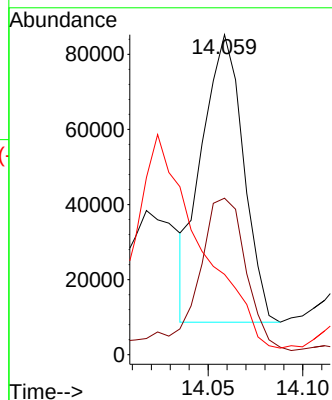
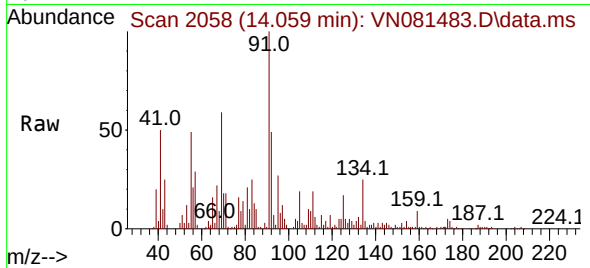




#89
n-Butylbenzene
Concen: 5.149 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

Instrument :
MSVOA_N
ClientSampleId :
1151

Tgt Ion: 91 Resp: 116953
Ion Ratio Lower Upper
91 100
92 61.9 26.7 80.1
134 0.0 10.8 32.4#



#95
Naphthalene
Concen: 3.543 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

Tgt Ion: 128 Resp: 89249
Ion Ratio Lower Upper
128 100
127 15.2 10.0 15.0#
129 31.7 8.7 13.1#

