

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
 Data File : VN076293.D
 Acq On : 18 Jan 2023 12:59
 Operator : JC\MD
 Sample : 01190-14DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WS-2DL

Quant Time: Jan 19 00:48:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

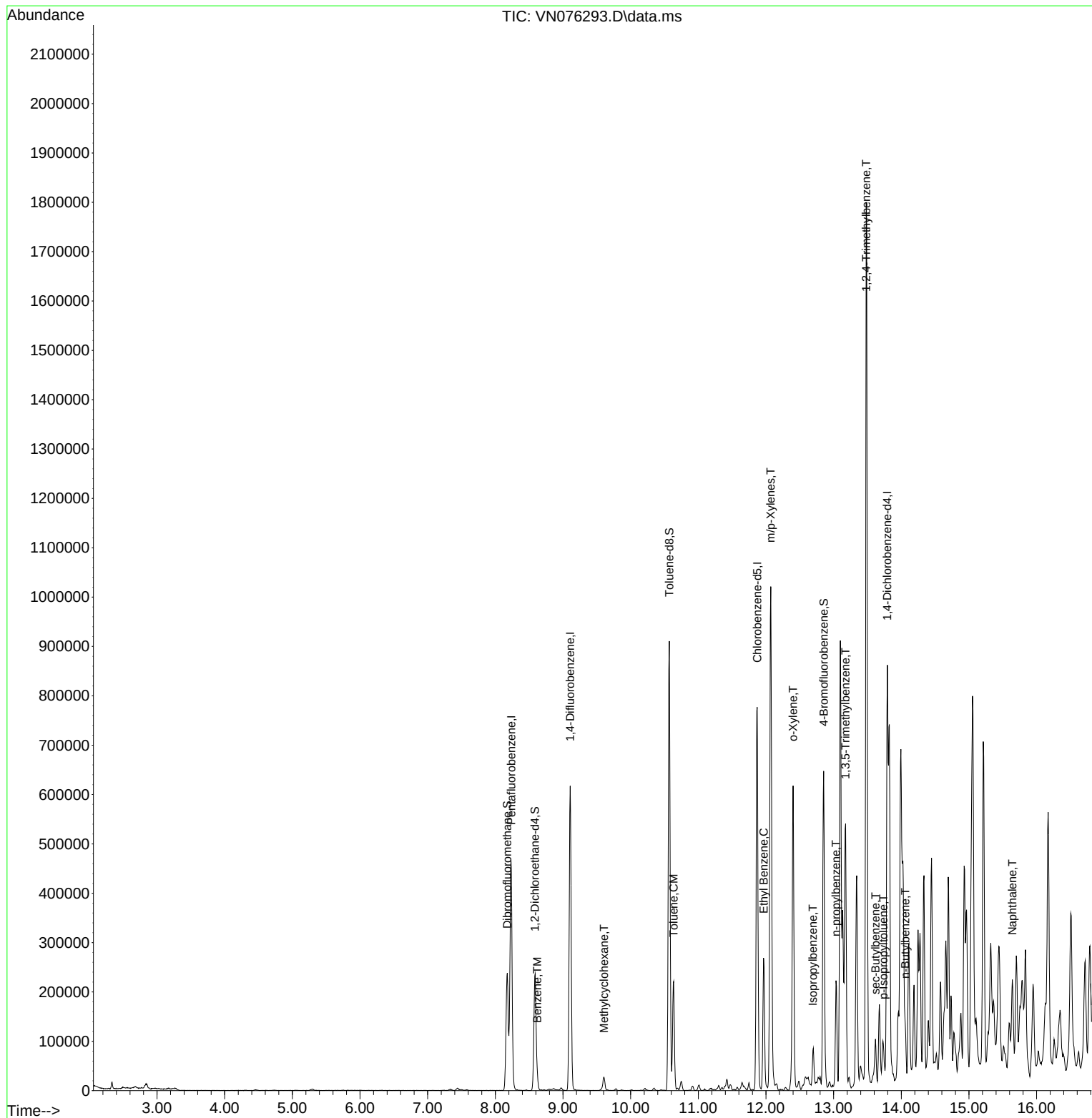
Internal Standards						
1) Pentafluorobenzene	8.235	168	360645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	564536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	488116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	225650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	185689	45.984	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.960%		
35) Dibromofluoromethane	8.177	113	169804	48.084	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.160%		
50) Toluene-d8	10.571	98	647767	49.668	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.340%		
62) 4-Bromofluorobenzene	12.853	95	210787	49.509	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.020%		
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.606	83	12443	2.031	ug/l	95
40) Benzene	8.618	78	25326	1.688	ug/l #	85
52) Toluene	10.635	92	101912	10.156	ug/l	99
67) Ethyl Benzene	11.965	91	197014	11.156	ug/l	98
68) m/p-Xylenes	12.070	106	328541	46.397	ug/l	97
69) o-Xylene	12.400	106	176519	25.384	ug/l	99
73) Isopropylbenzene	12.694	105	52290	2.995	ug/l	99
78) n-propylbenzene	13.035	91	166776	8.467	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	256217	17.520	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1061828	72.410	ug/l	99
85) sec-Butylbenzene	13.617	105	56606	3.136	ug/l	87
86) p-Isopropyltoluene	13.735	119	38153	2.571	ug/l	100
89) n-Butylbenzene	14.059	91	57357m	4.868	ug/l	
95) Naphthalene	15.641	128	172315	15.996	ug/l	98

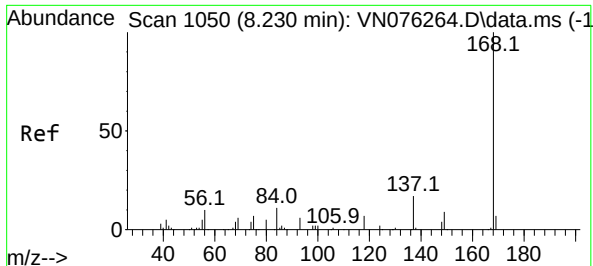
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
Data File : VN076293.D
Acq On : 18 Jan 2023 12:59
Operator : JC\MD
Sample : 01190-14DL 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WS-2DL

Quant Time: Jan 19 00:48:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

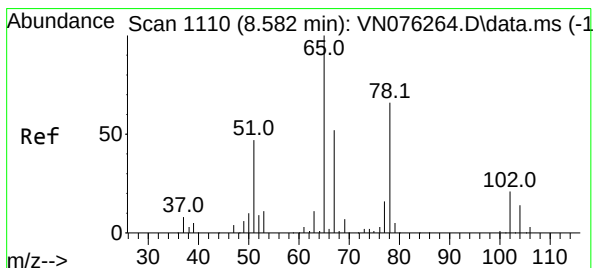
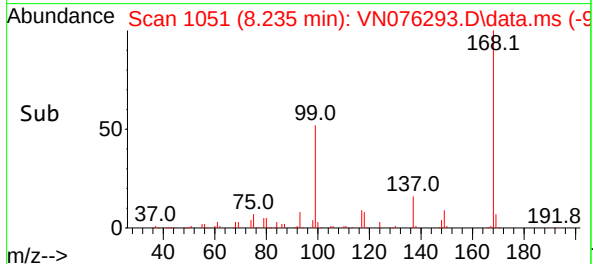
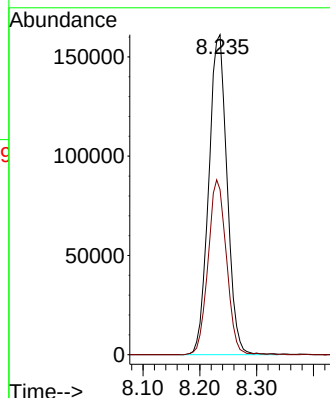
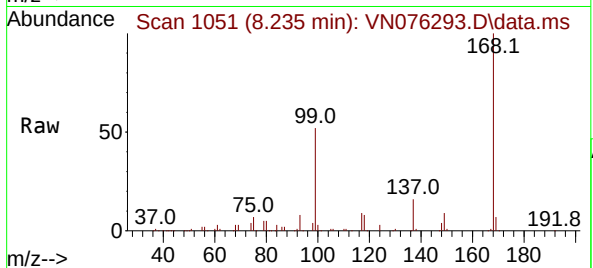




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1105
Delta R.T. 0.005 min
Lab File: VN076293.D
Acq: 18 Jan 2023 12:59

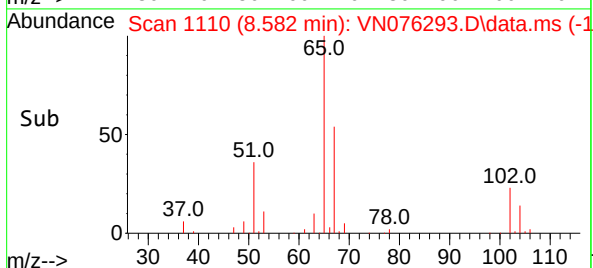
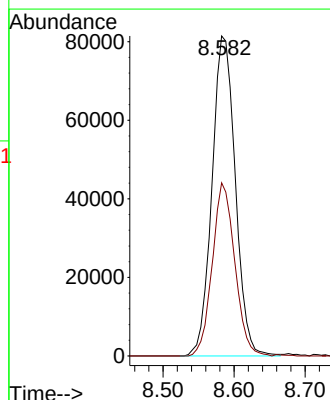
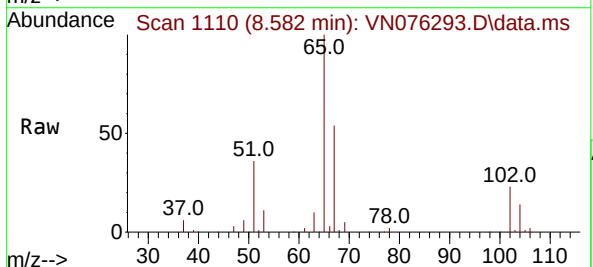
Instrument :
MSVOA_N
ClientSampleId :
WS-2DL

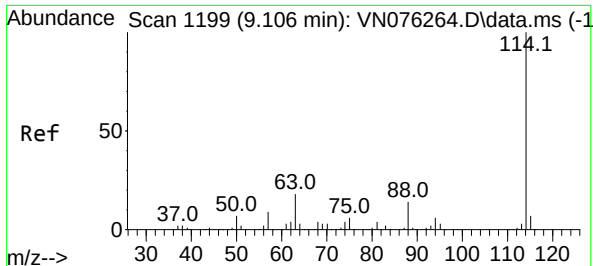
Tgt Ion:168 Resp: 360645
Ion Ratio Lower Upper
168 100
99 51.6 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 45.984 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076293.D
Acq: 18 Jan 2023 12:59

Tgt Ion: 65 Resp: 185689
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076293.D

Acq: 18 Jan 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

WS-2DL

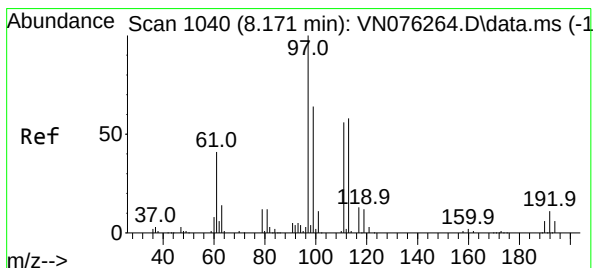
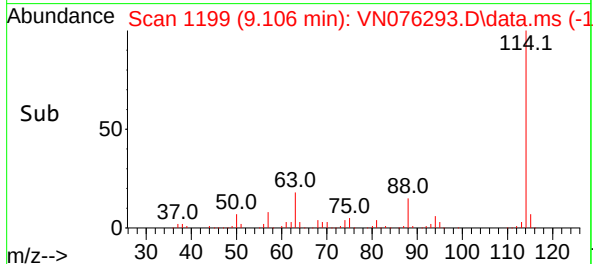
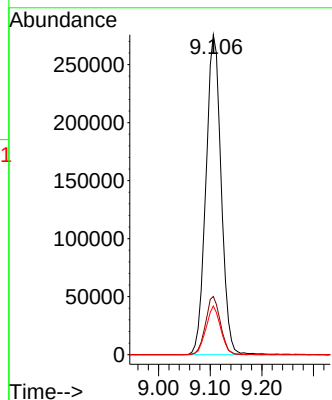
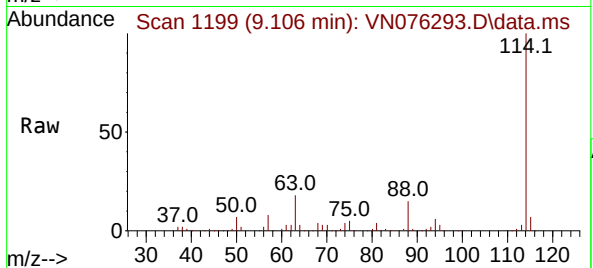
Tgt Ion:114 Resp: 564536

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.8

88 15.2 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.084 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076293.D

Acq: 18 Jan 2023 12:59

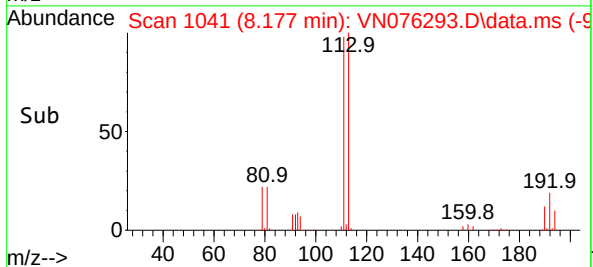
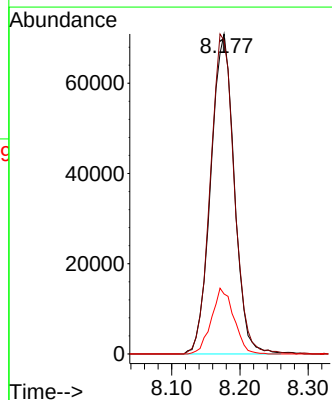
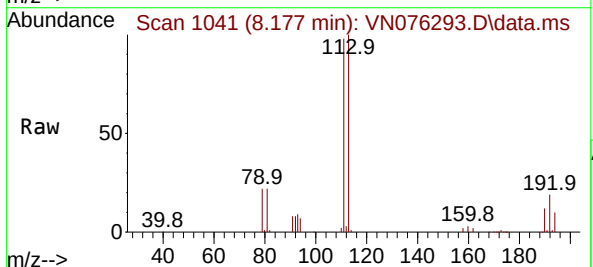
Tgt Ion:113 Resp: 169804

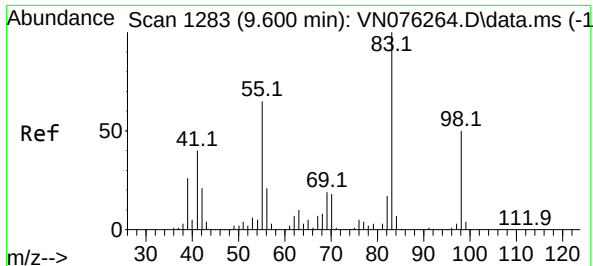
Ion Ratio Lower Upper

113 100

111 101.7 82.7 124.1

192 19.7 15.6 23.4





#39

Methylcyclohexane

Concen: 2.031 ug/l

RT: 9.606 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN076293.D

Acq: 18 Jan 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

WS-2DL

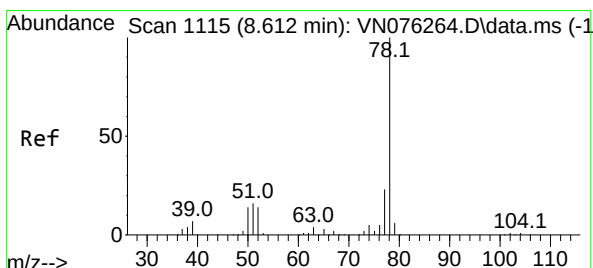
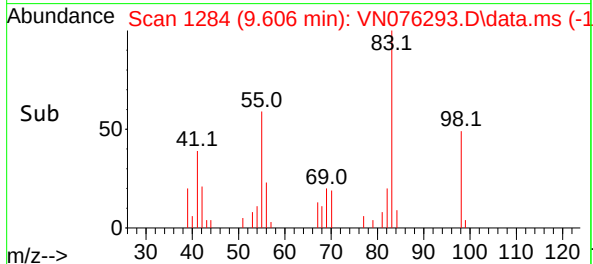
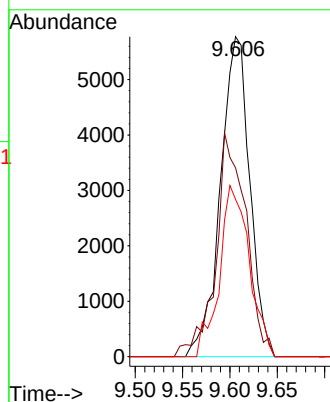
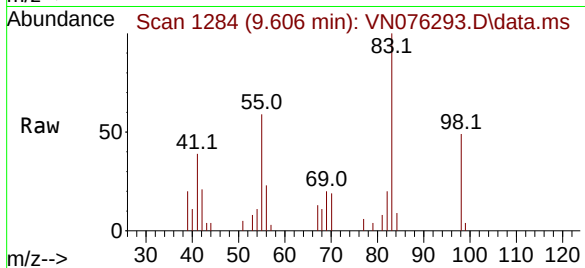
Tgt Ion: 83 Resp: 12443

Ion Ratio Lower Upper

83 100

55 59.0 51.7 77.5

98 49.2 40.0 60.0



#40

Benzene

Concen: 1.688 ug/l

RT: 8.618 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN076293.D

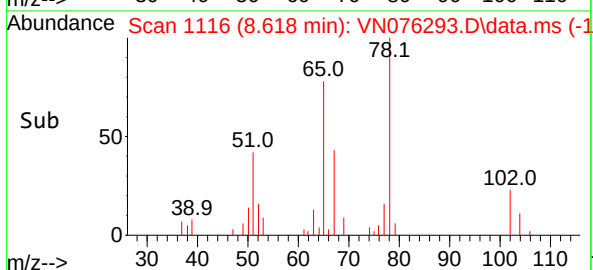
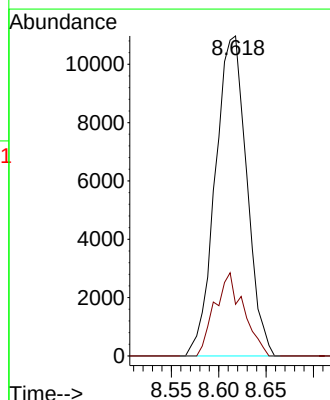
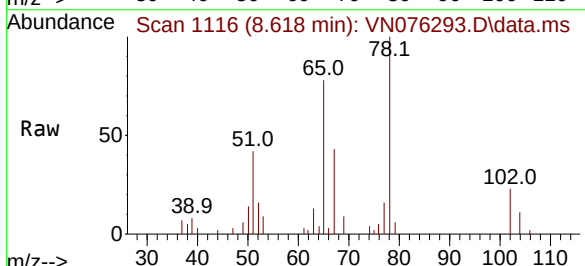
Acq: 18 Jan 2023 12:59

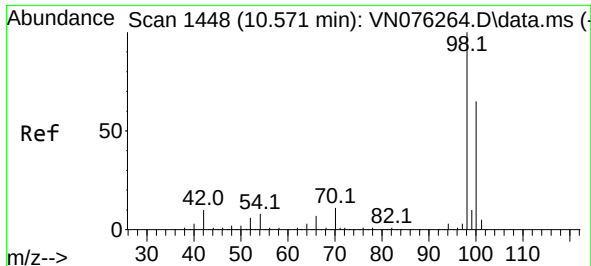
Tgt Ion: 78 Resp: 25326

Ion Ratio Lower Upper

78 100

77 16.2 18.6 28.0#

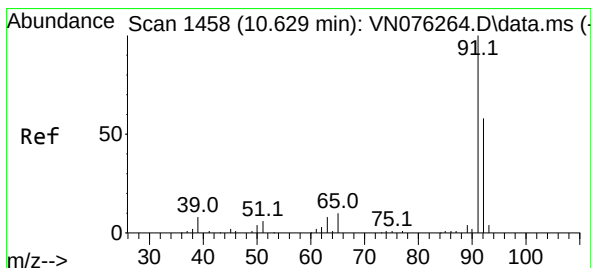
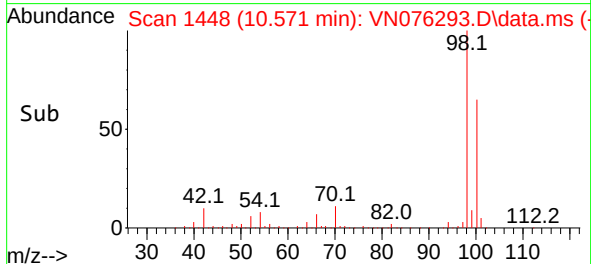
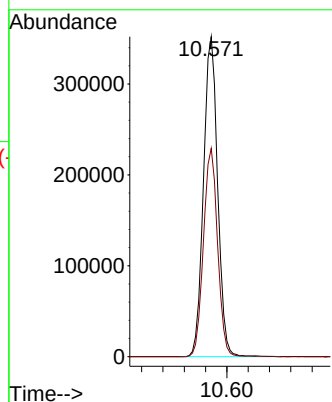
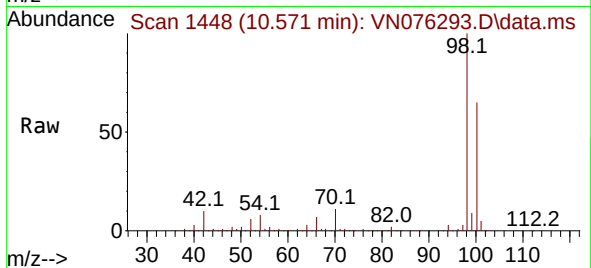




#50
Toluene-d8
Concen: 49.668 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076293.D
Acq: 18 Jan 2023 12:59

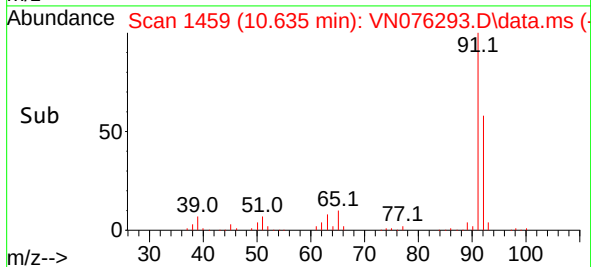
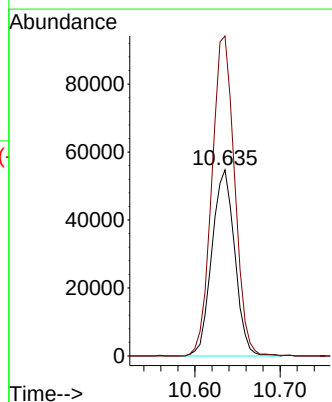
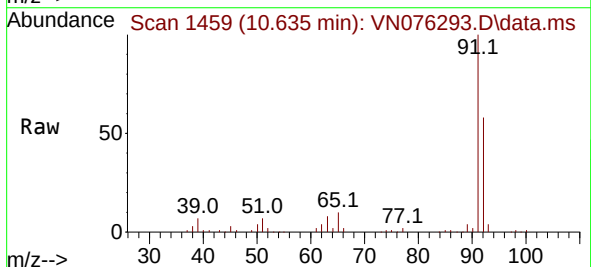
Instrument :
MSVOA_N
ClientSampleId :
WS-2DL

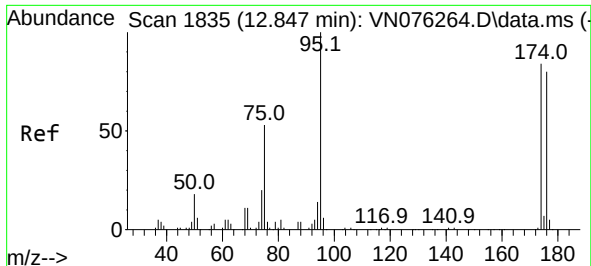
Tgt Ion: 98 Resp: 647767
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#52
Toluene
Concen: 10.156 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076293.D
Acq: 18 Jan 2023 12:59

Tgt Ion: 92 Resp: 101912
Ion Ratio Lower Upper
92 100
91 171.8 136.6 205.0

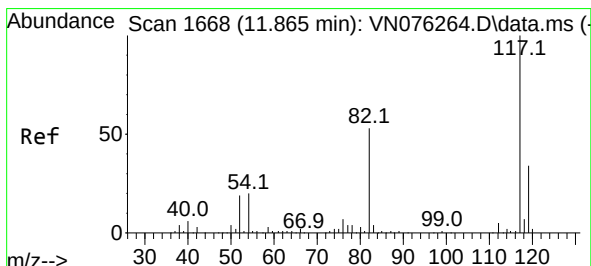
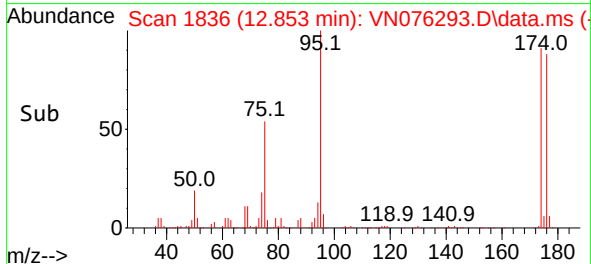
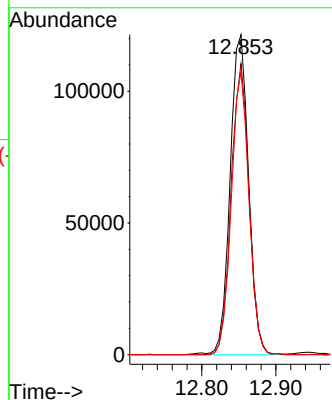
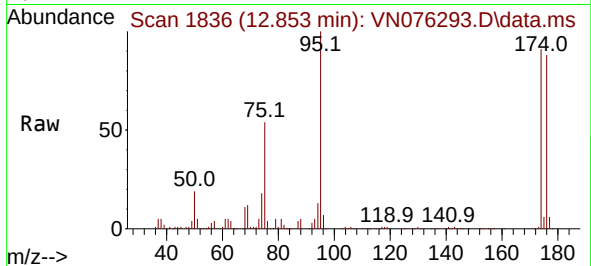




#62
4-Bromofluorobenzene
Concen: 49.509 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076293.D
Acq: 18 Jan 2023 12:59

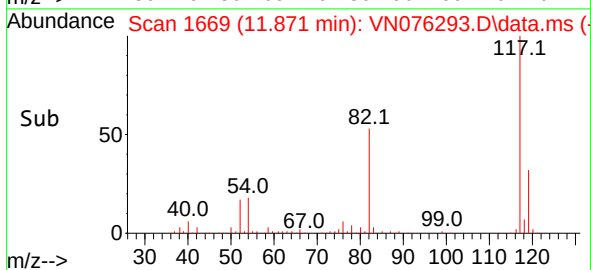
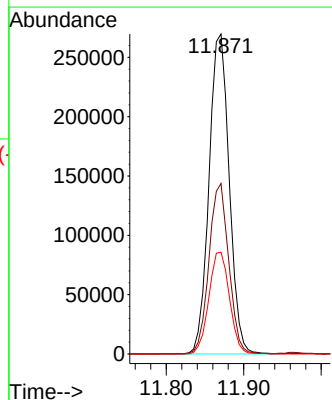
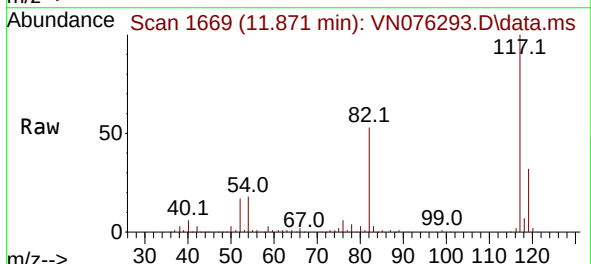
Instrument :
MSVOA_N
ClientSampleId :
WS-2DL

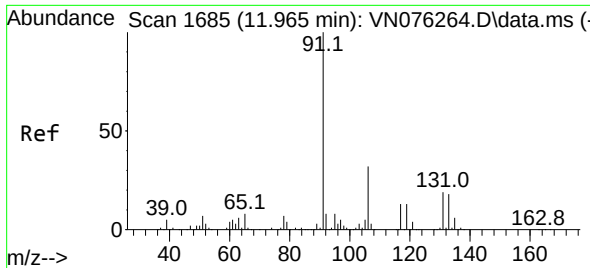
Tgt Ion: 95 Resp: 210787
Ion Ratio Lower Upper
95 100
174 87.5 0.0 174.6
176 84.4 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076293.D
Acq: 18 Jan 2023 12:59

Tgt Ion: 117 Resp: 488116
Ion Ratio Lower Upper
117 100
82 53.2 42.2 63.2
119 31.8 26.9 40.3

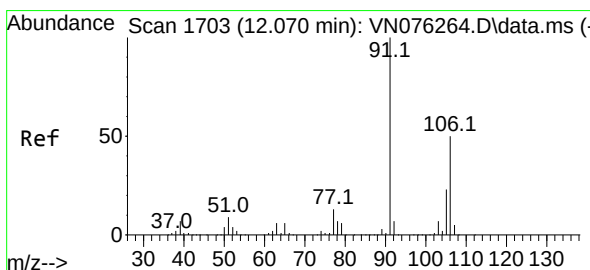
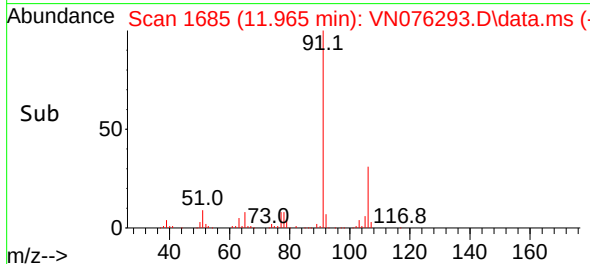
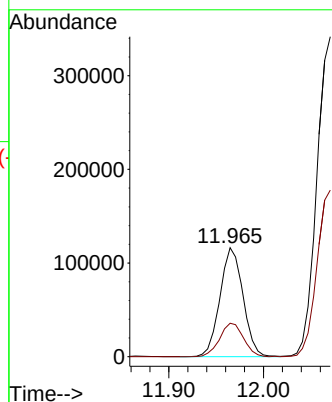
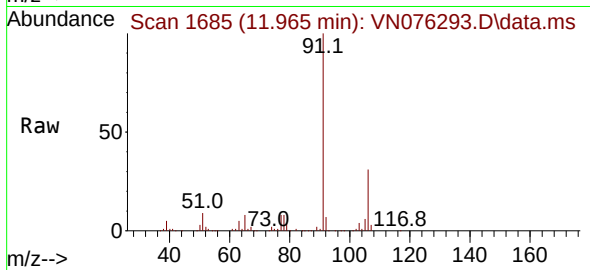




#67
Ethyl Benzene
Concen: 11.156 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076293.D
Acq: 18 Jan 2023 12:59

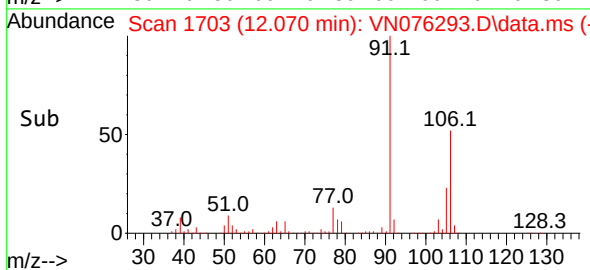
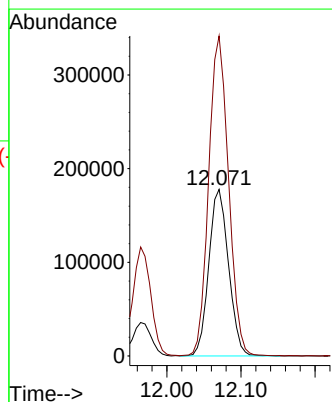
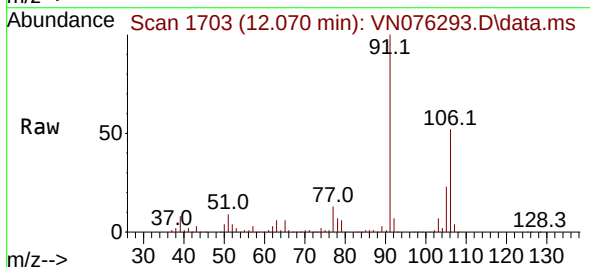
Instrument :
MSVOA_N
ClientSampleId :
WS-2DL

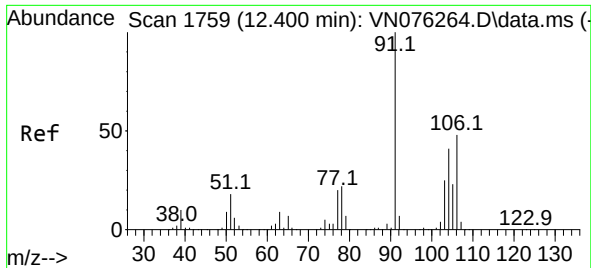
Tgt Ion: 91 Resp: 197014
Ion Ratio Lower Upper
91 100
106 30.7 25.5 38.3



#68
m/p-Xylenes
Concen: 46.397 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN076293.D
Acq: 18 Jan 2023 12:59

Tgt Ion: 106 Resp: 328541
Ion Ratio Lower Upper
106 100
91 193.1 157.5 236.3

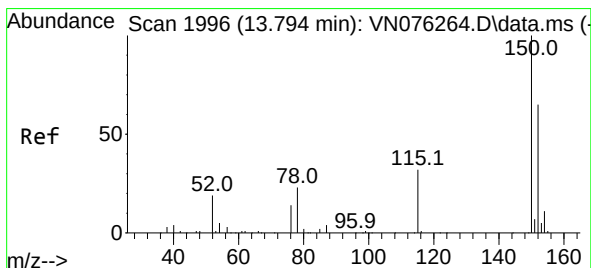
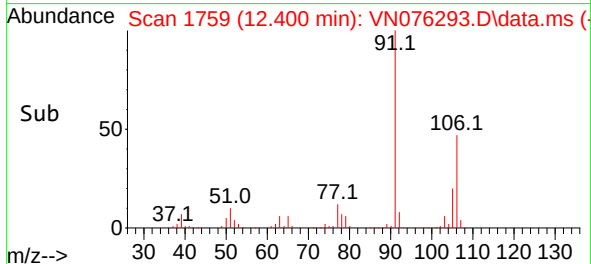
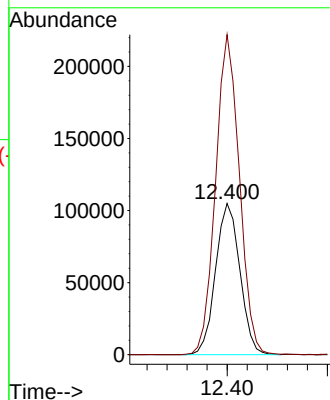
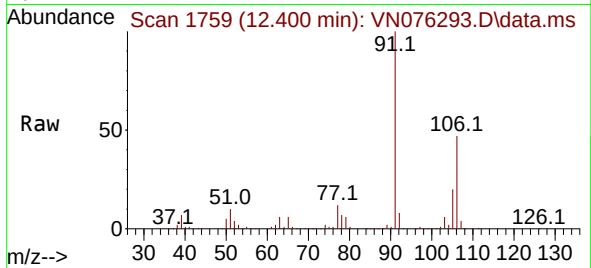




#69
o-Xylene
Concen: 25.384 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076293.D
Acq: 18 Jan 2023 12:59

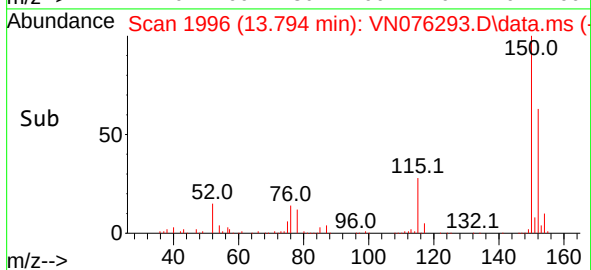
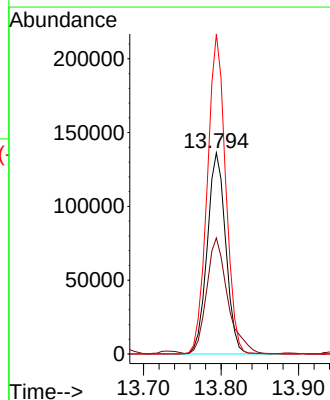
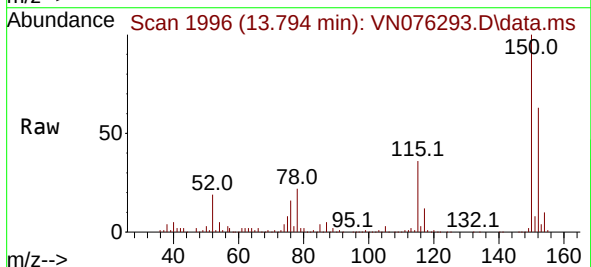
Instrument :
MSVOA_N
ClientSampleId :
WS-2DL

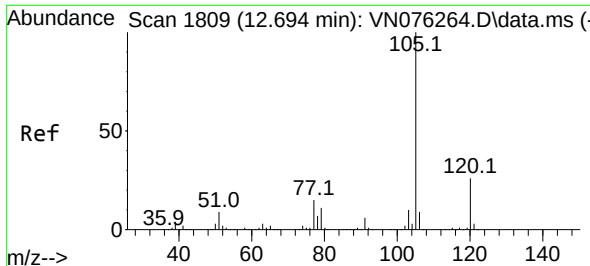
Tgt Ion:106 Resp: 176519
Ion Ratio Lower Upper
106 100
91 207.5 103.2 309.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076293.D
Acq: 18 Jan 2023 12:59

Tgt Ion:152 Resp: 225650
Ion Ratio Lower Upper
152 100
115 66.1 29.6 88.9
150 157.4 0.0 351.4

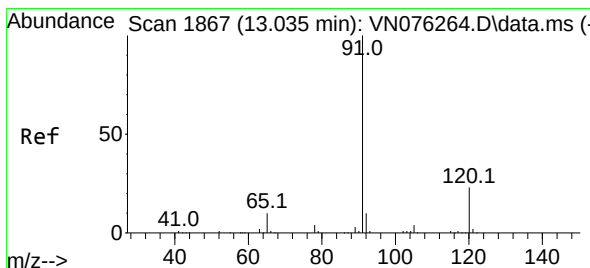
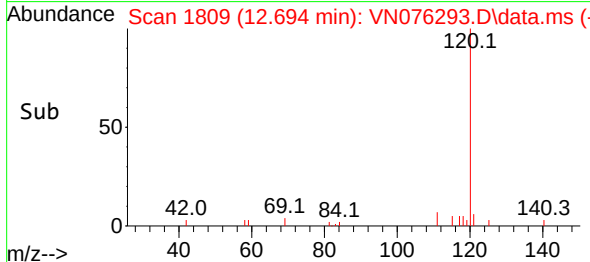
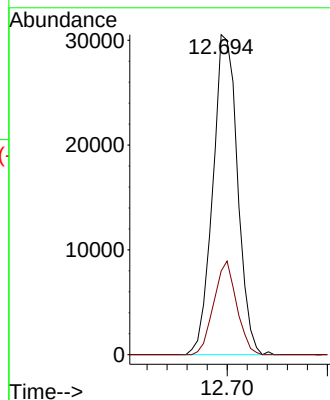
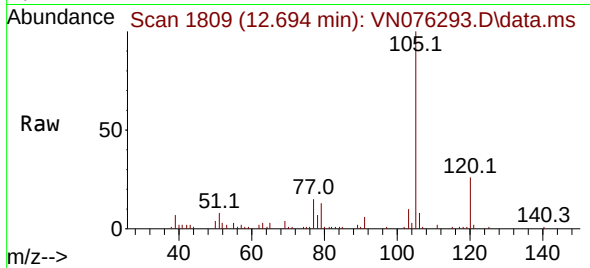




#73
Isopropylbenzene
Concen: 2.995 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VN076293.D
Acq: 18 Jan 2023 12:59

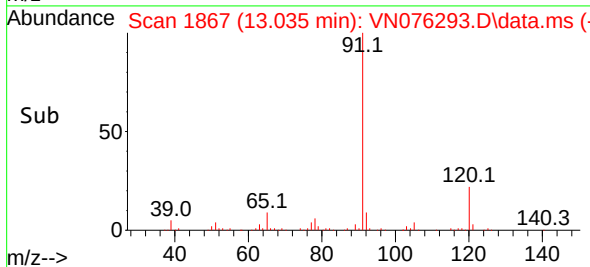
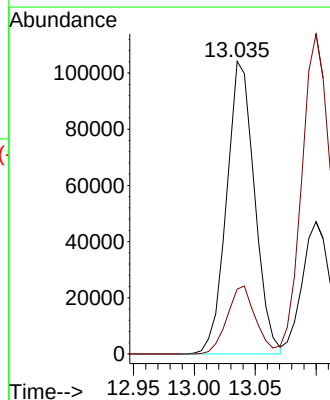
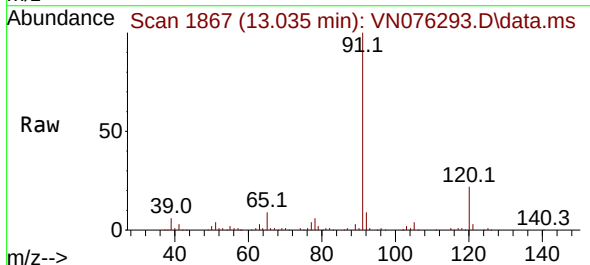
Instrument :
MSVOA_N
ClientSampleId :
WS-2DL

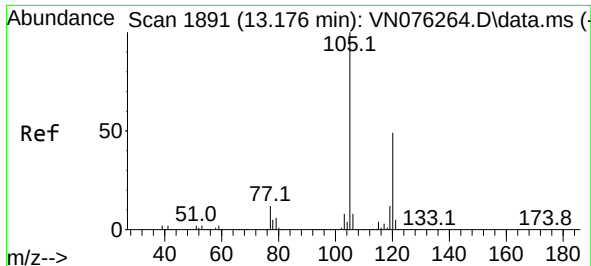
Tgt Ion:105 Resp: 52290
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1



#78
n-propylbenzene
Concen: 8.467 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076293.D
Acq: 18 Jan 2023 12:59

Tgt Ion: 91 Resp: 166776
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5

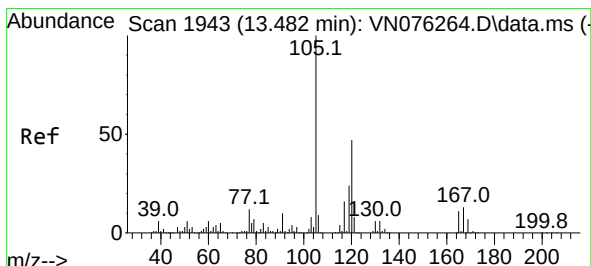
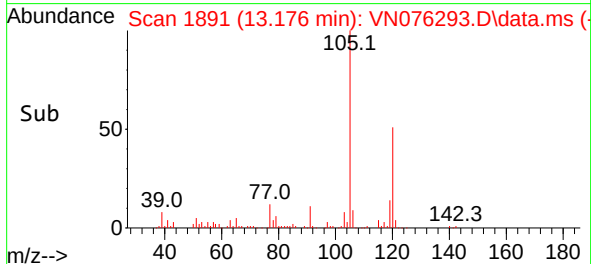
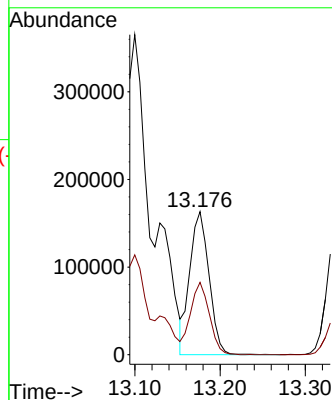
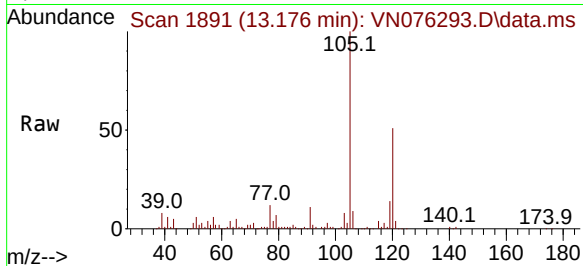




#80
1,3,5-Trimethylbenzene
Concen: 17.520 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076293.D
Acq: 18 Jan 2023 12:59

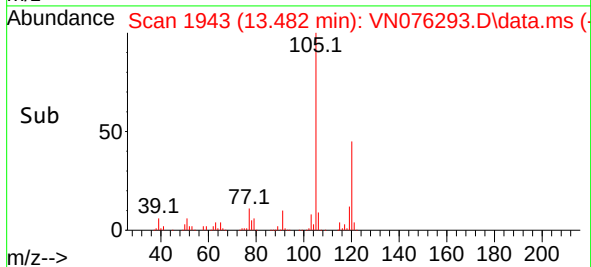
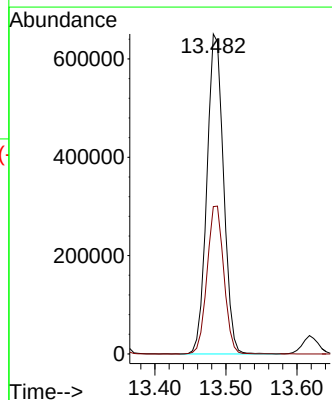
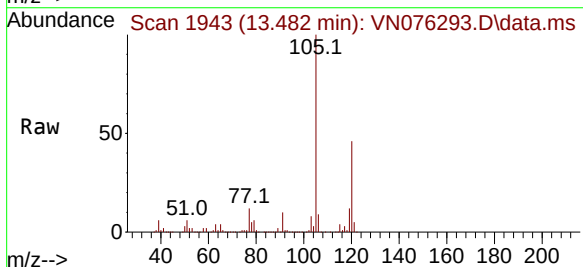
Instrument :
MSVOA_N
ClientSampleId :
WS-2DL

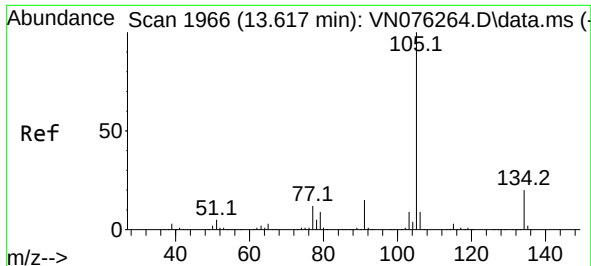
Tgt Ion:105 Resp: 256217
Ion Ratio Lower Upper
105 100
120 49.8 25.0 75.0



#84
1,2,4-Trimethylbenzene
Concen: 72.410 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076293.D
Acq: 18 Jan 2023 12:59

Tgt Ion:105 Resp: 1061828
Ion Ratio Lower Upper
105 100
120 46.6 22.9 68.5

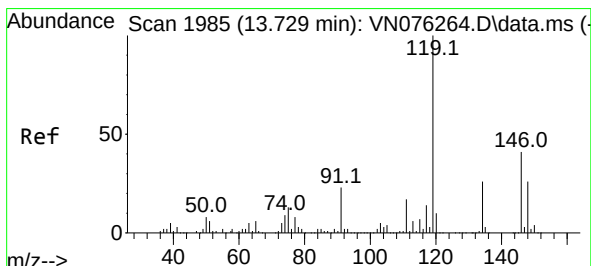
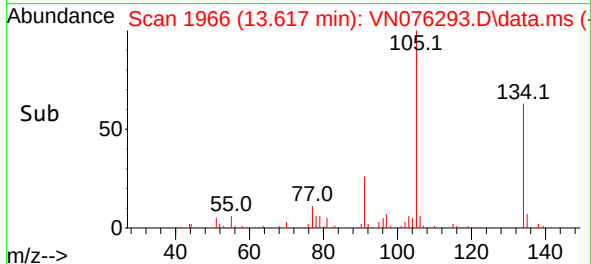
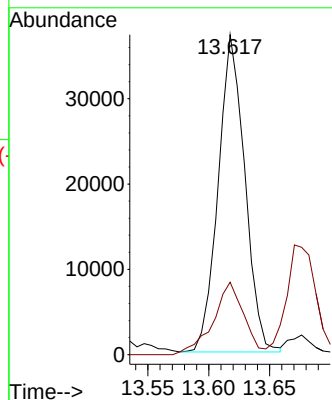
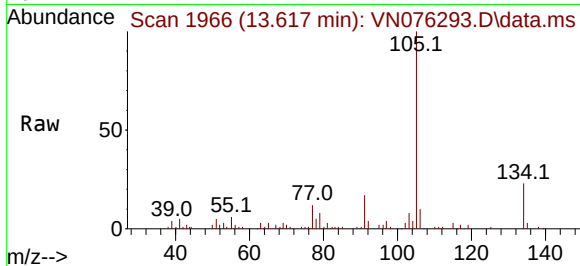




#85
 sec-Butylbenzene
 Concen: 3.136 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076293.D
 Acq: 18 Jan 2023 12:59

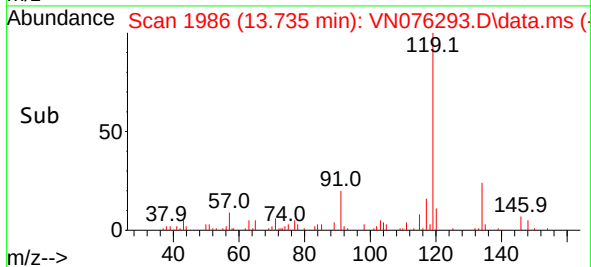
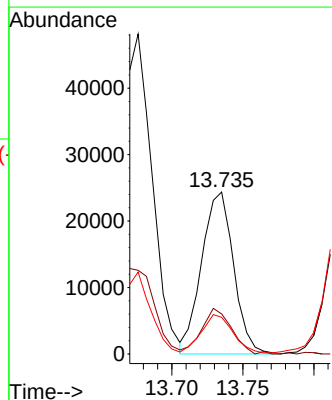
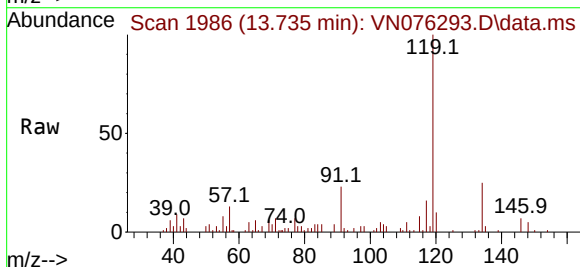
Instrument :
 MSVOA_N
 ClientSampleId :
 WS-2DL

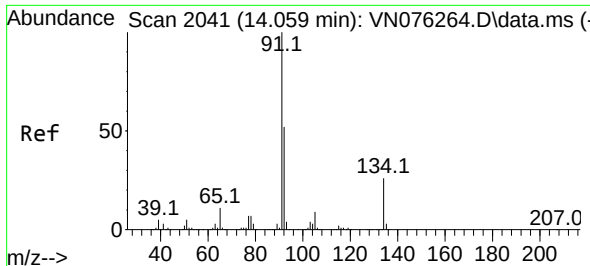
Tgt Ion:105 Resp: 56606
 Ion Ratio Lower Upper
 105 100
 134 26.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 2.571 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076293.D
 Acq: 18 Jan 2023 12:59

Tgt Ion:119 Resp: 38153
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 23.1 11.8 35.3

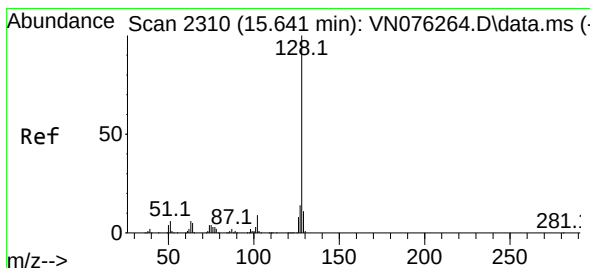
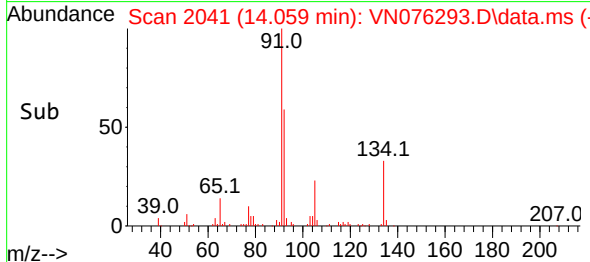
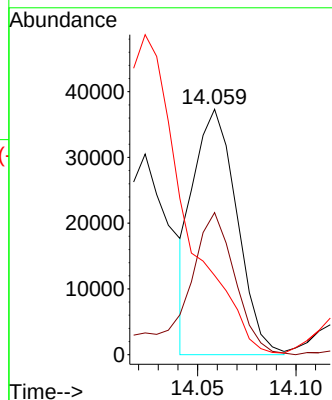
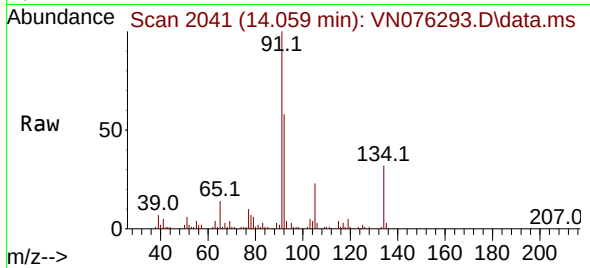




#89
n-Butylbenzene
Concen: 4.868 ug/l m
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076293.D
Acq: 18 Jan 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
WS-2DL

Tgt Ion: 91 Resp: 57357
Ion Ratio Lower Upper
91 100
92 0.0 26.3 78.9#
134 0.0 13.2 39.5#



#95
Naphthalene
Concen: 15.996 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076293.D
Acq: 18 Jan 2023 12:59

Tgt Ion: 128 Resp: 172315
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.9 8.6 13.0

