

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032823\
 Data File : VN077235.D
 Acq On : 28 Mar 2023 14:29
 Operator : JC\MD
 Sample : 02084-06DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-DRUM-WATERDL

Quant Time: Mar 29 01:14:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

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

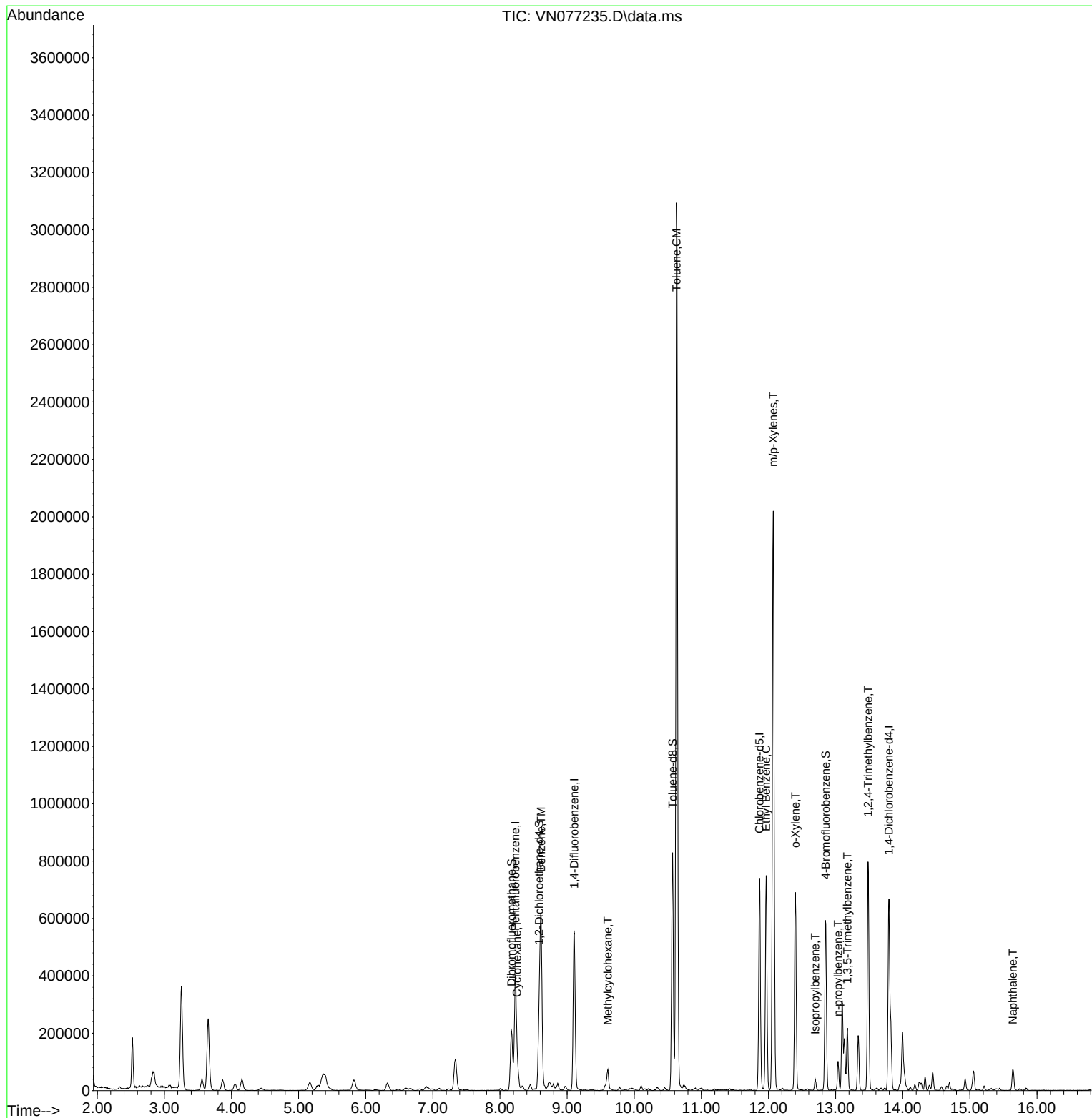
Internal Standards						
1) Pentafluorobenzene	8.230	168	253198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	449661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	380673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	157480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	194975	49.250	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.500%
35) Dibromofluoromethane	8.172	113	140171	45.940	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.880%
50) Toluene-d8	10.571	98	530996	46.445	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.880%
62) 4-Bromofluorobenzene	12.854	95	173411	46.216	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.440%
Target Compounds						
					Qvalue	
31) Cyclohexane	8.254	56	45227	8.224	ug/l #	76
39) Methylcyclohexane	9.607	83	27743	5.594	ug/l	94
40) Benzene	8.613	78	538539	41.380	ug/l	100
52) Toluene	10.630	92	1251318	157.656	ug/l	98
67) Ethyl Benzene	11.965	91	521920	37.406	ug/l	96
68) m/p-Xylenes	12.071	106	611207	115.169	ug/l	98
69) o-Xylene	12.401	106	179733	34.973	ug/l	91
73) Isopropylbenzene	12.695	105	22603	1.824	ug/l	97
78) n-propylbenzene	13.036	91	73665	5.155	ug/l	94
80) 1,3,5-Trimethylbenzene	13.177	105	110161	10.676	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	435009	42.900	ug/l	97
95) Naphthalene	15.642	128	64722	12.678	ug/l	97

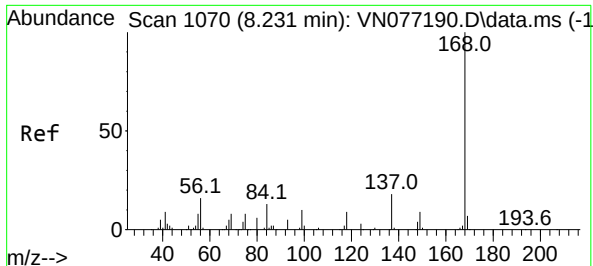
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032823\
Data File : VN077235.D
Acq On : 28 Mar 2023 14:29
Operator : JC\MD
Sample : 02084-06DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATERDL

Quant Time: Mar 29 01:14:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 27 02:47:06 2023
Response via : Initial Calibration

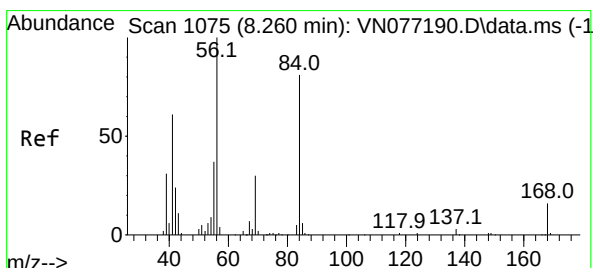
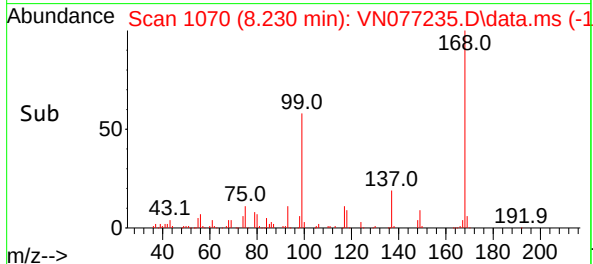
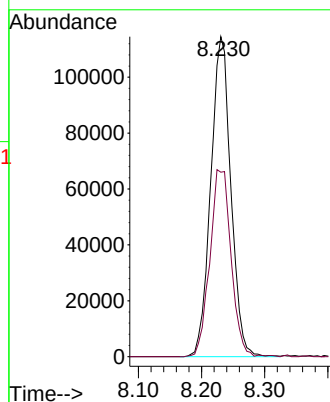
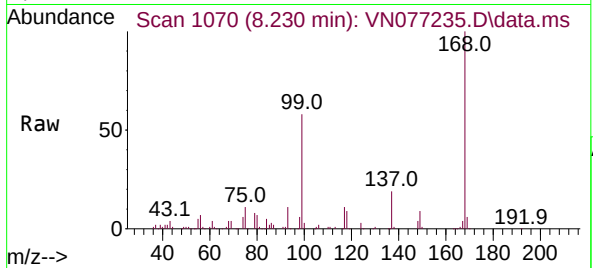




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077235.D
Acq: 28 Mar 2023 14:29

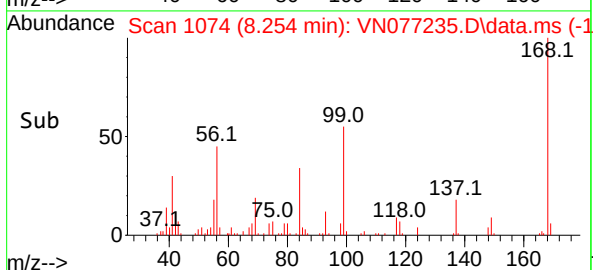
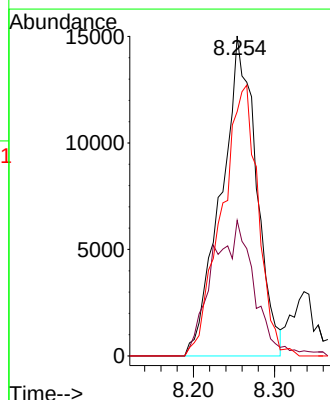
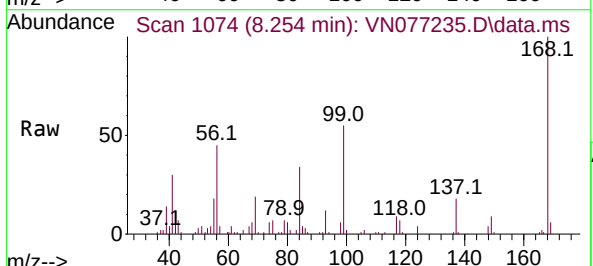
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATERDL

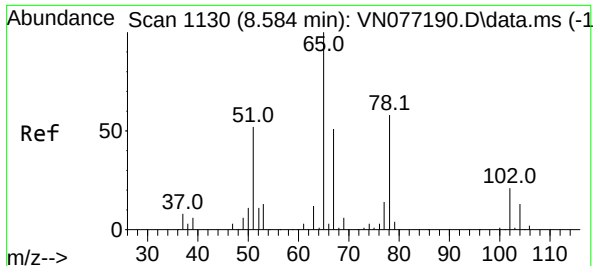
Tgt Ion:168 Resp: 253198
Ion Ratio Lower Upper
168 100
99 57.6 48.6 73.0



#31
Cyclohexane
Concen: 8.224 ug/l
RT: 8.254 min Scan# 1074
Delta R.T. -0.006 min
Lab File: VN077235.D
Acq: 28 Mar 2023 14:29

Tgt Ion: 56 Resp: 45227
Ion Ratio Lower Upper
56 100
69 42.3 27.0 40.6#
84 76.4 82.9 124.3#





#33

1,2-Dichloroethane-d4

Concen: 49.250 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN077235.D

Acq: 28 Mar 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

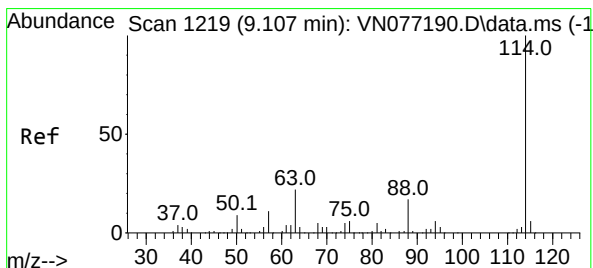
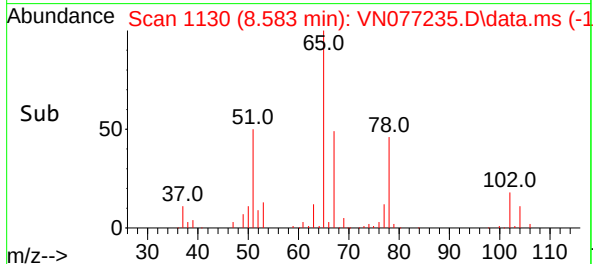
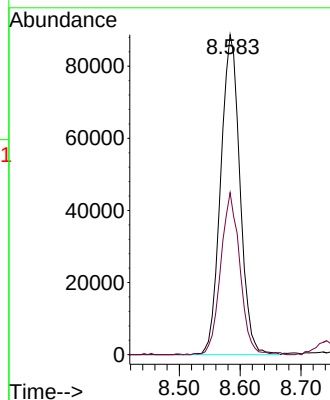
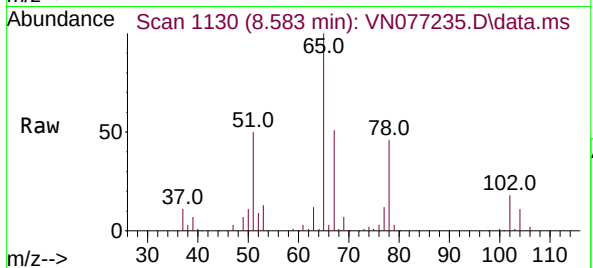
WASTE-DRUM-WATERDL

Tgt Ion: 65 Resp: 194975

Ion Ratio Lower Upper

65 100

67 50.3 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077235.D

Acq: 28 Mar 2023 14:29

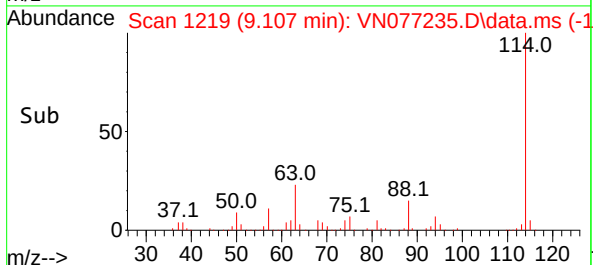
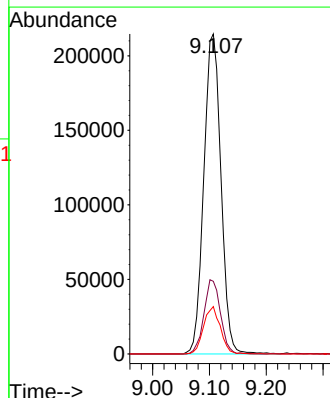
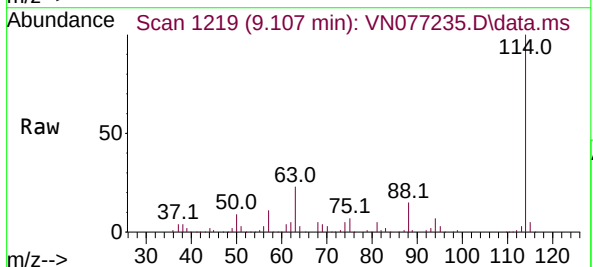
Tgt Ion: 114 Resp: 449661

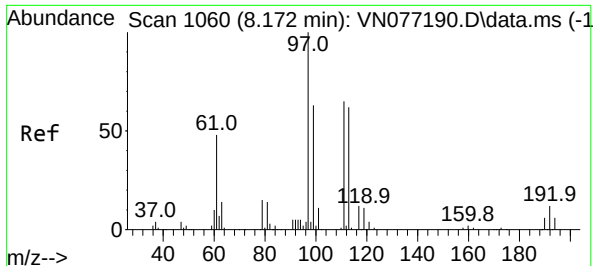
Ion Ratio Lower Upper

114 100

63 22.7 0.0 36.6

88 14.8 0.0 28.6

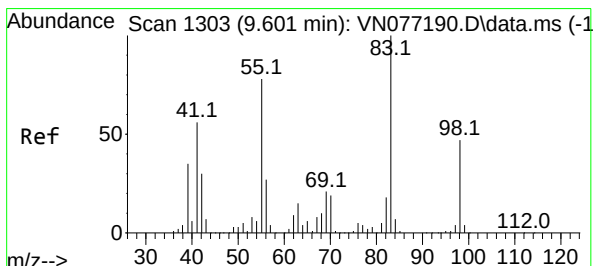
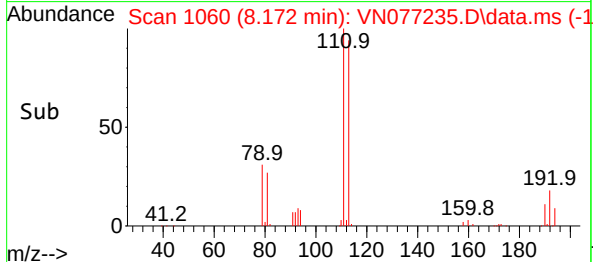
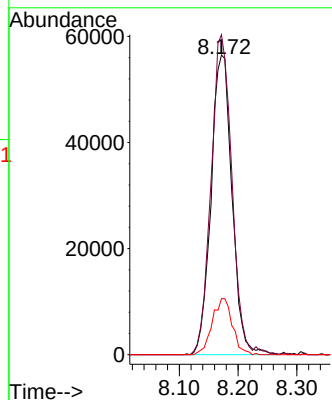
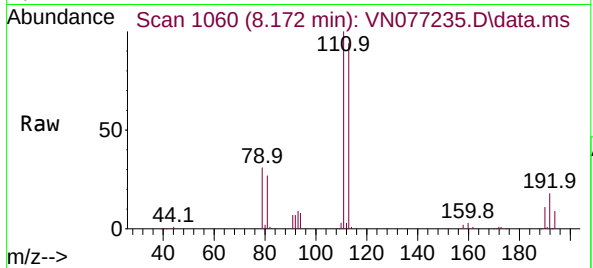




#35
Dibromofluoromethane
Concen: 45.940 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077235.D
Acq: 28 Mar 2023 14:29

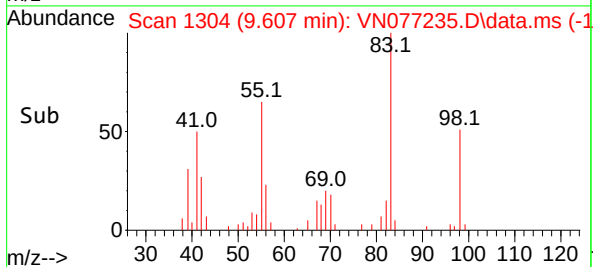
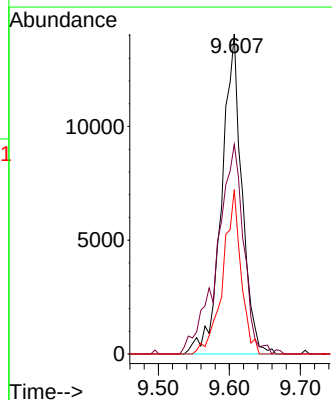
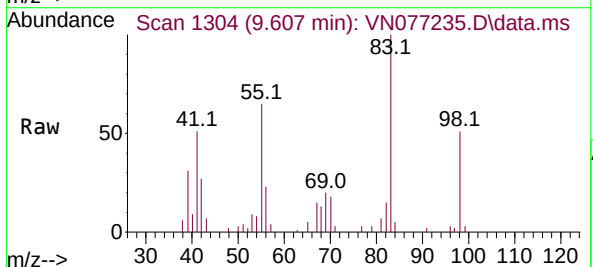
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATERDL

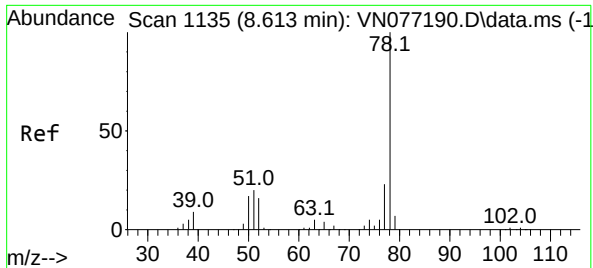
Tgt Ion:113 Resp: 140171
Ion Ratio Lower Upper
113 100
111 106.2 81.8 122.8
192 18.0 13.9 20.9



#39
Methylcyclohexane
Concen: 5.594 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN077235.D
Acq: 28 Mar 2023 14:29

Tgt Ion: 83 Resp: 27743
Ion Ratio Lower Upper
83 100
55 65.5 47.0 70.4
98 51.3 39.4 59.0

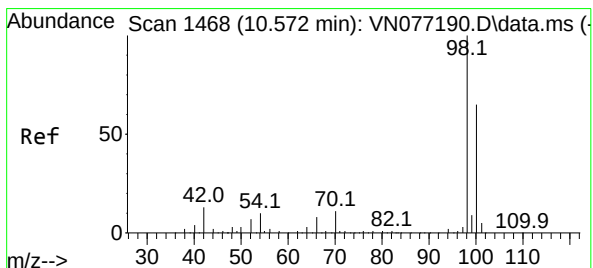
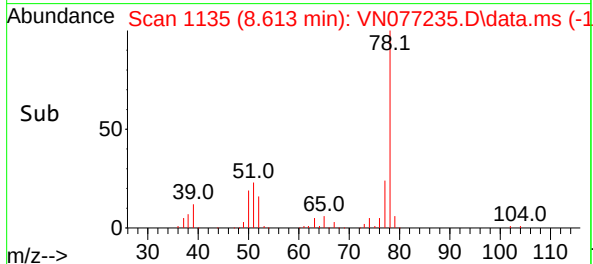
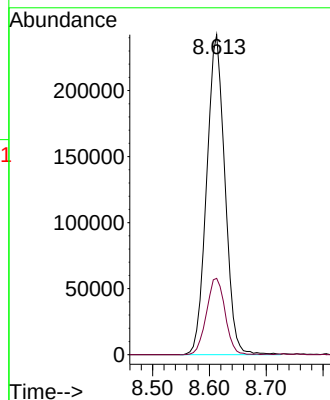
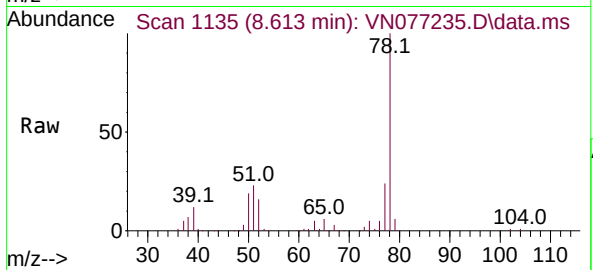




#40
Benzene
Concen: 41.380 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077235.D
Acq: 28 Mar 2023 14:29

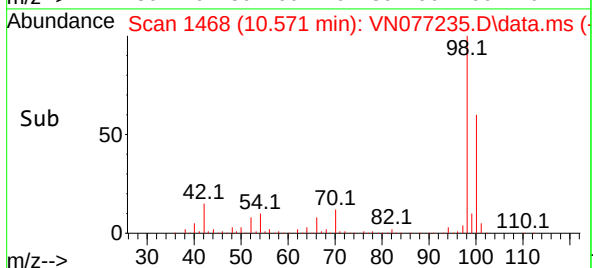
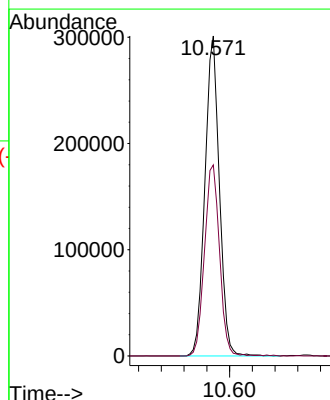
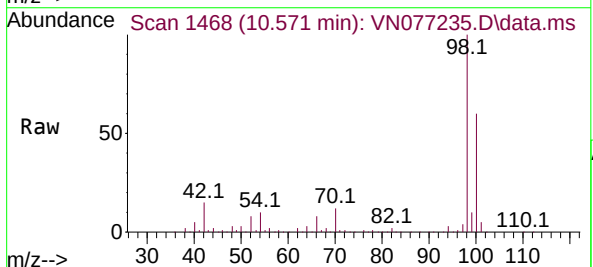
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATERDL

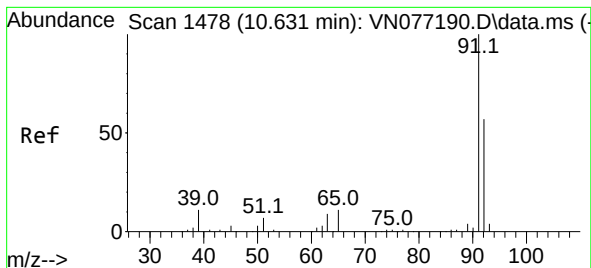
Tgt Ion: 78 Resp: 538539
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9



#50
Toluene-d8
Concen: 46.445 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077235.D
Acq: 28 Mar 2023 14:29

Tgt Ion: 98 Resp: 530996
Ion Ratio Lower Upper
98 100
100 61.9 52.8 79.2





#52

Toluene

Concen: 157.656 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. -0.001 min

Lab File: VN077235.D

Acq: 28 Mar 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

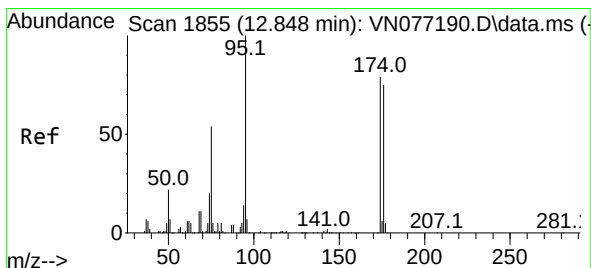
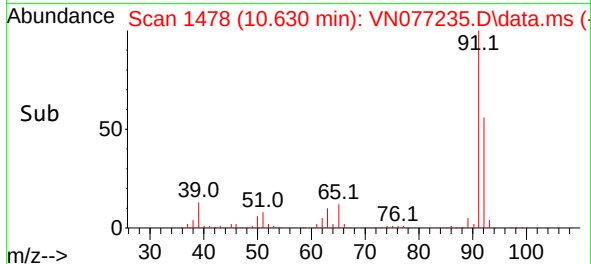
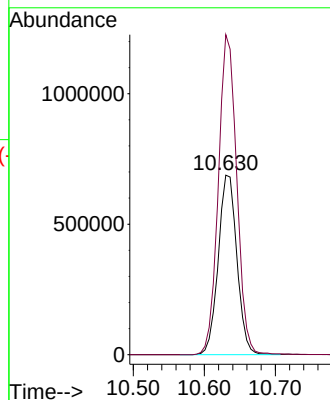
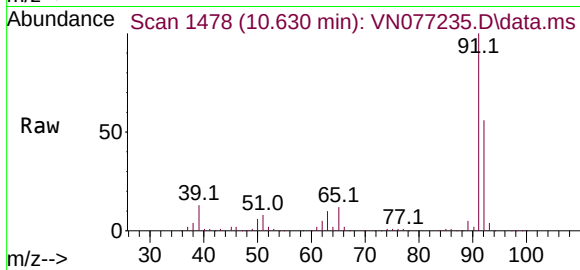
WASTE-DRUM-WATERDL

Tgt Ion: 92 Resp: 1251318

Ion Ratio Lower Upper

92 100

91 176.1 138.2 207.2



#62

4-Bromofluorobenzene

Concen: 46.216 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN077235.D

Acq: 28 Mar 2023 14:29

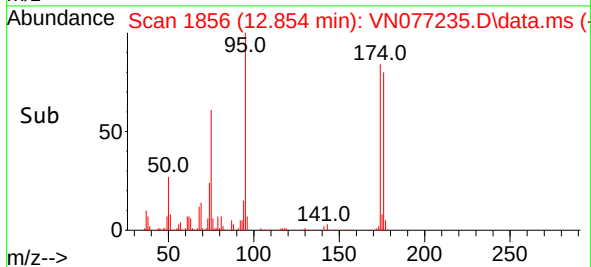
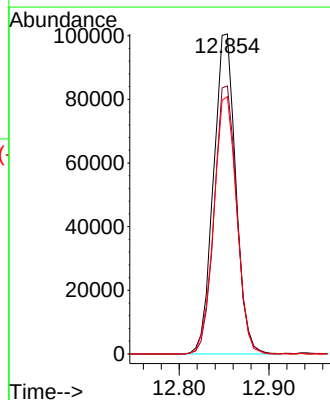
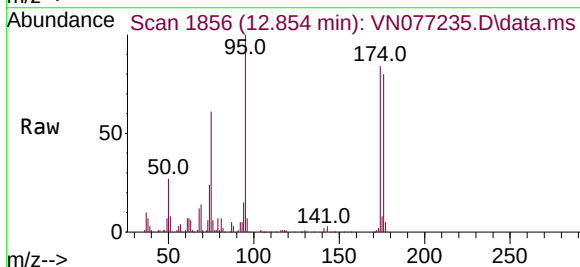
Tgt Ion: 95 Resp: 173411

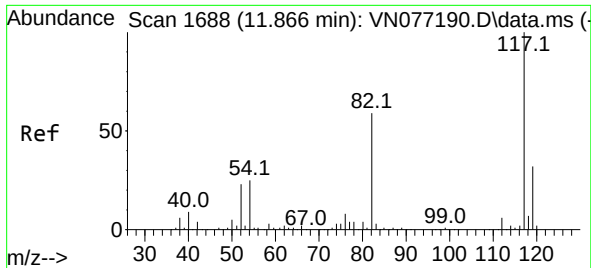
Ion Ratio Lower Upper

95 100

174 84.1 0.0 162.4

176 82.6 0.0 157.4

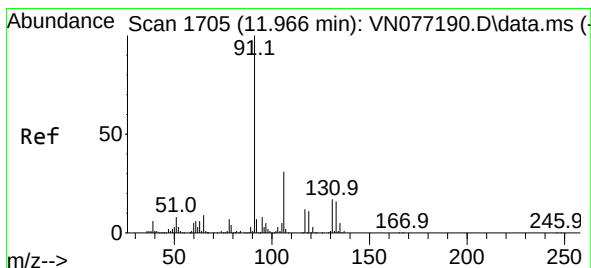
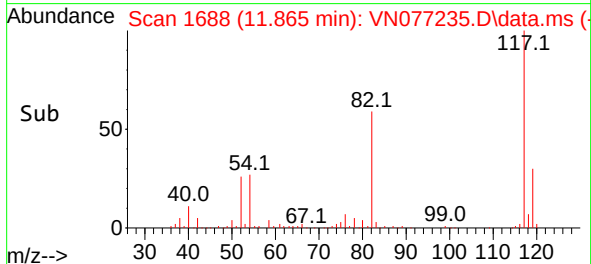
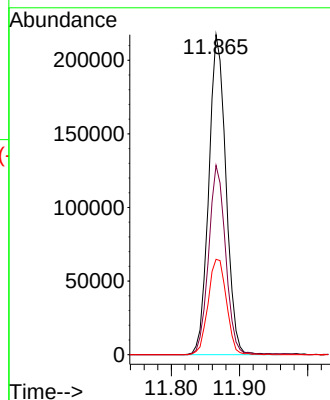
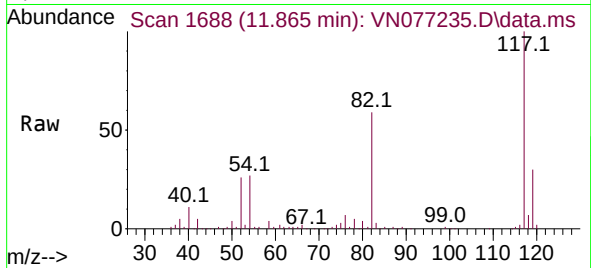




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN077235.D
Acq: 28 Mar 2023 14:29

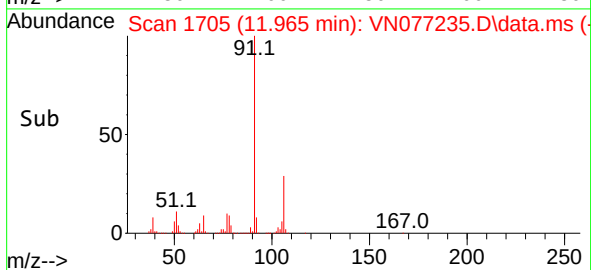
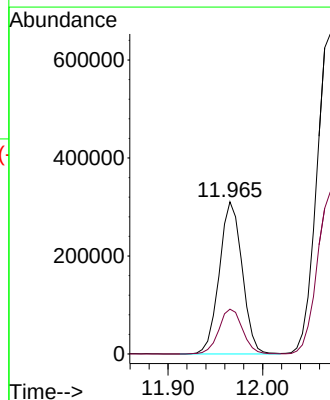
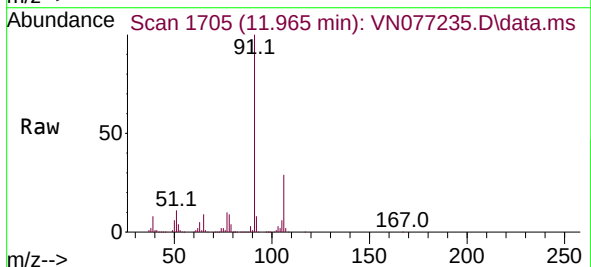
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATERDL

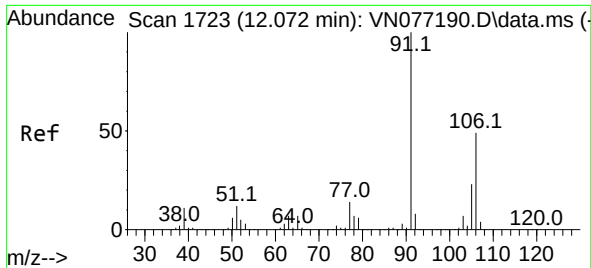
Tgt Ion:117 Resp: 380673
Ion Ratio Lower Upper
117 100
82 59.2 43.5 65.3
119 29.8 25.5 38.3



#67
Ethyl Benzene
Concen: 37.406 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN077235.D
Acq: 28 Mar 2023 14:29

Tgt Ion: 91 Resp: 521920
Ion Ratio Lower Upper
91 100
106 29.5 25.1 37.7

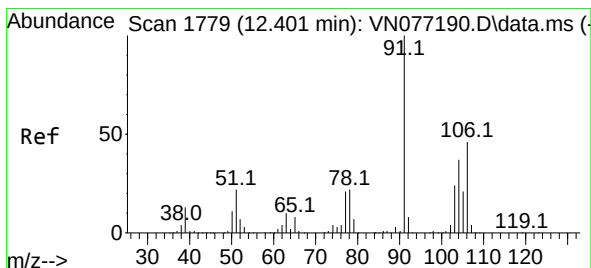
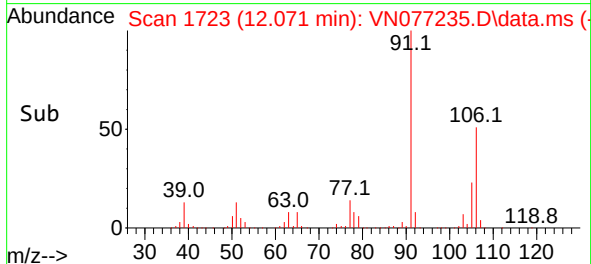
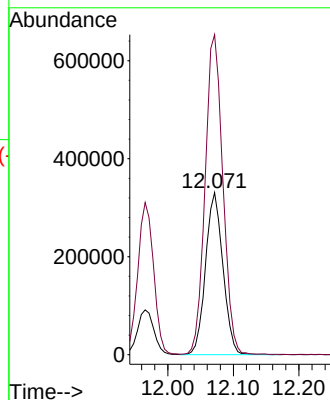
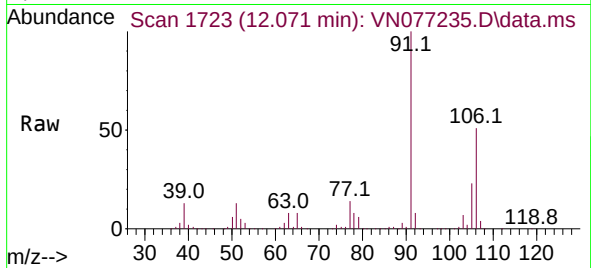




#68
m/p-Xylenes
Concen: 115.169 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN077235.D
Acq: 28 Mar 2023 14:29

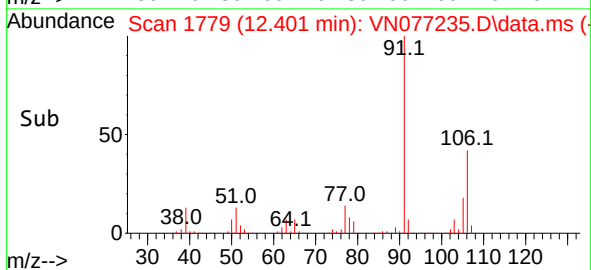
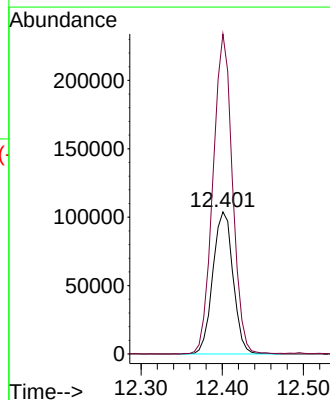
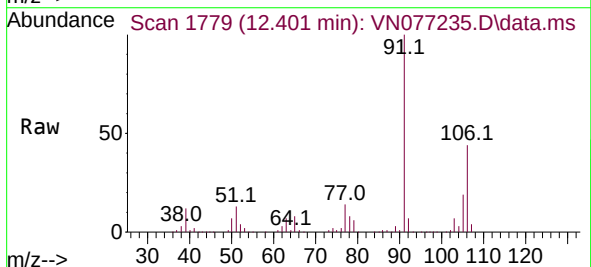
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATERDL

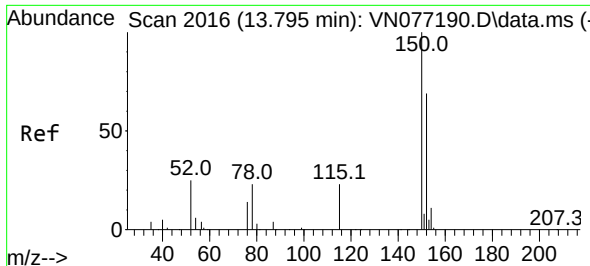
Tgt Ion:106 Resp: 611207
Ion Ratio Lower Upper
106 100
91 200.5 158.0 237.0



#69
o-Xylene
Concen: 34.973 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077235.D
Acq: 28 Mar 2023 14:29

Tgt Ion:106 Resp: 179733
Ion Ratio Lower Upper
106 100
91 217.1 101.8 305.4

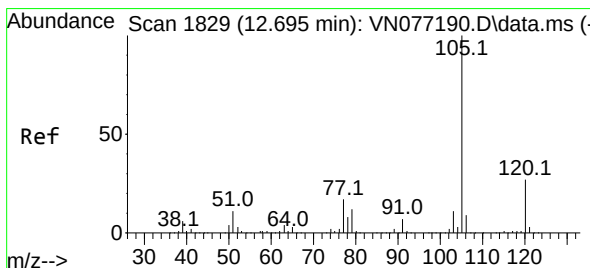
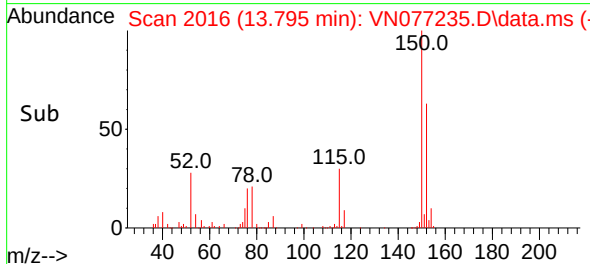
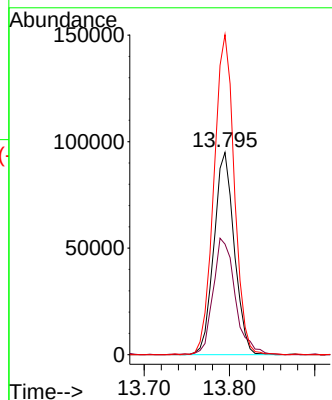
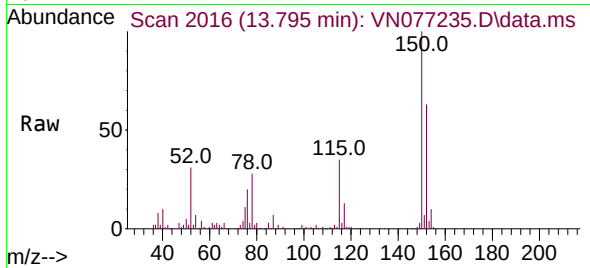




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077235.D
Acq: 28 Mar 2023 14:29

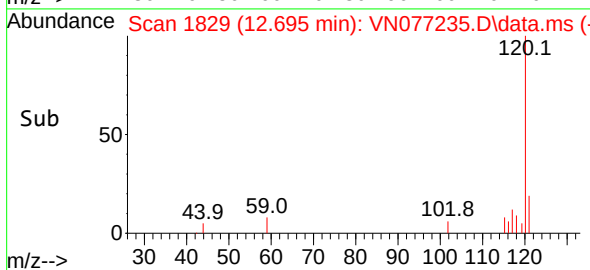
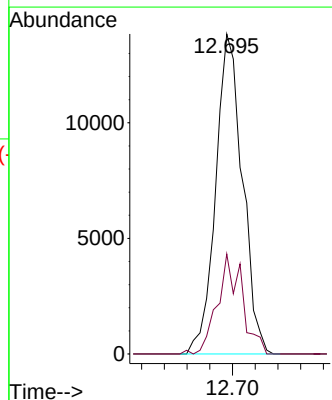
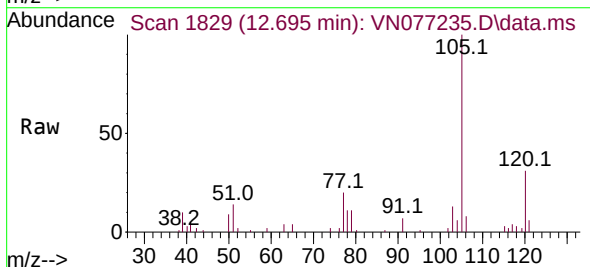
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATERDL

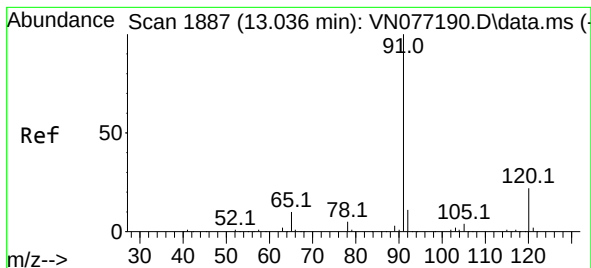
Tgt Ion:152 Resp: 157480
Ion Ratio Lower Upper
152 100
115 62.7 30.3 90.9
150 158.7 0.0 353.6



#73
Isopropylbenzene
Concen: 1.824 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077235.D
Acq: 28 Mar 2023 14:29

Tgt Ion:105 Resp: 22603
Ion Ratio Lower Upper
105 100
120 28.9 13.8 41.4





#78

n-propylbenzene

Concen: 5.155 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. -0.000 min

Lab File: VN077235.D

Acq: 28 Mar 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

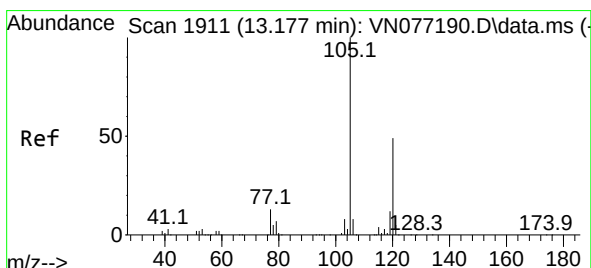
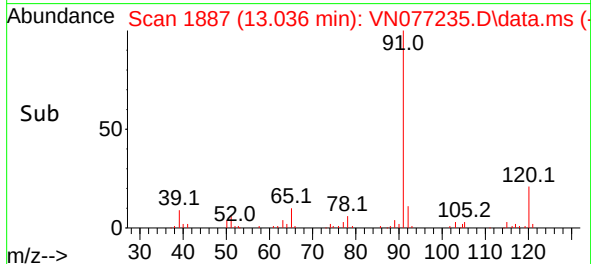
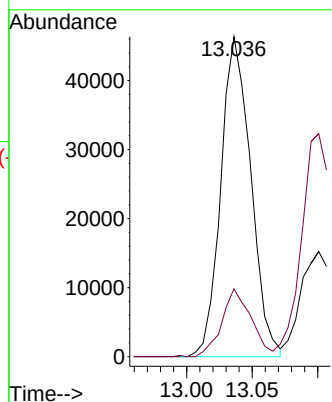
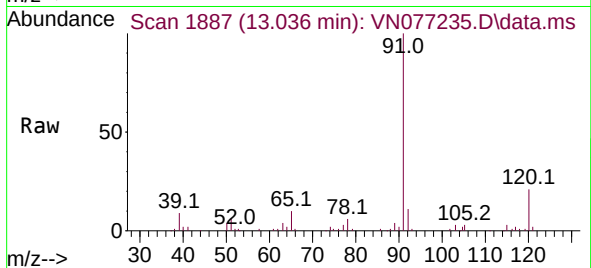
WASTE-DRUM-WATERDL

Tgt Ion: 91 Resp: 73665

Ion Ratio Lower Upper

91 100

120 20.8 11.9 35.7



#80

1,3,5-Trimethylbenzene

Concen: 10.676 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077235.D

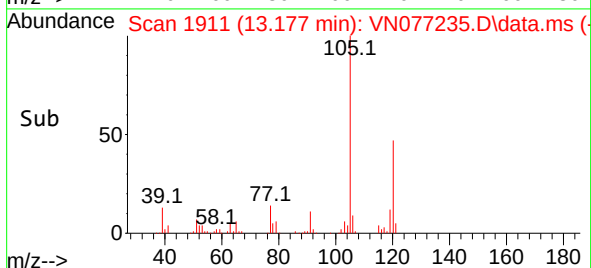
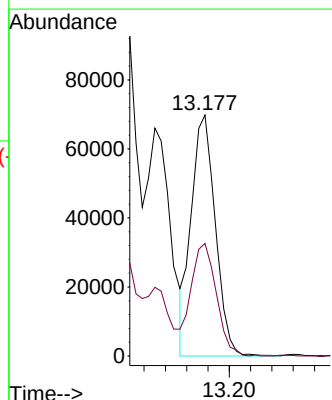
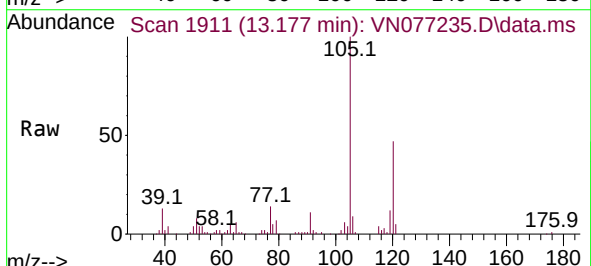
Acq: 28 Mar 2023 14:29

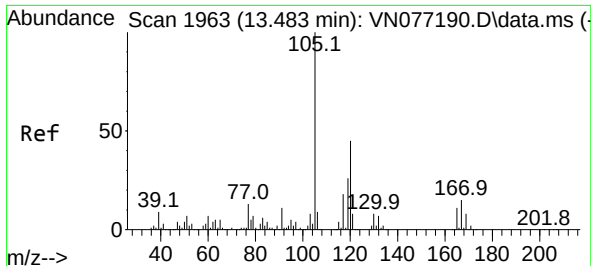
Tgt Ion:105 Resp: 110161

Ion Ratio Lower Upper

105 100

120 48.8 25.2 75.6

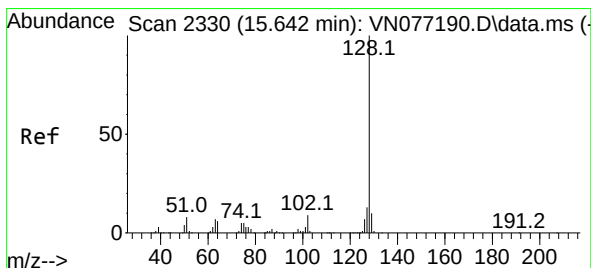
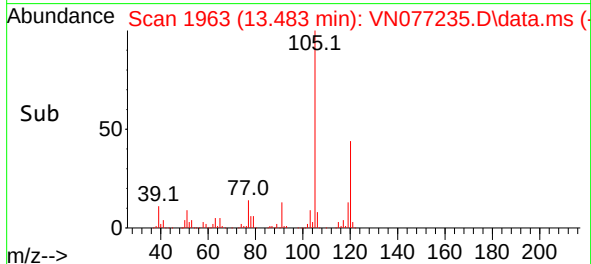
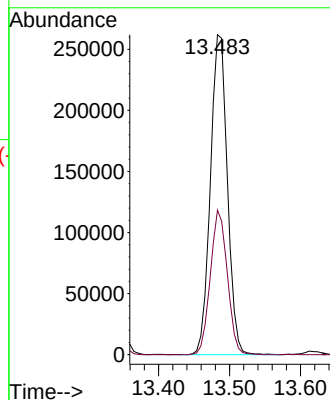
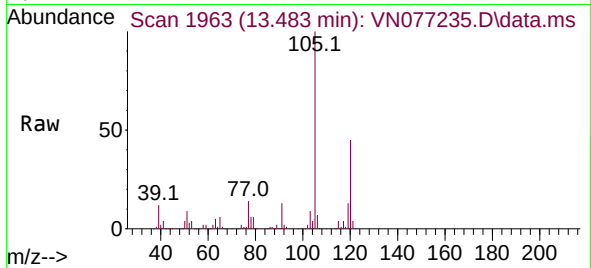




#84
1,2,4-Trimethylbenzene
Concen: 42.900 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077235.D
Acq: 28 Mar 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATERDL

Tgt Ion:105 Resp: 435009
Ion Ratio Lower Upper
105 100
120 45.1 23.6 70.8



#95
Naphthalene
Concen: 12.678 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077235.D
Acq: 28 Mar 2023 14:29

Tgt Ion:128 Resp: 64722
Ion Ratio Lower Upper
128 100
127 14.5 10.2 15.4
129 11.8 8.9 13.3

