

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084836.D
 Acq On : 13 Nov 2024 19:11
 Operator : JC\MD
 Sample : P4792-04 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MANHOLE-WASTE-DRUM

Quant Time: Nov 14 00:41:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

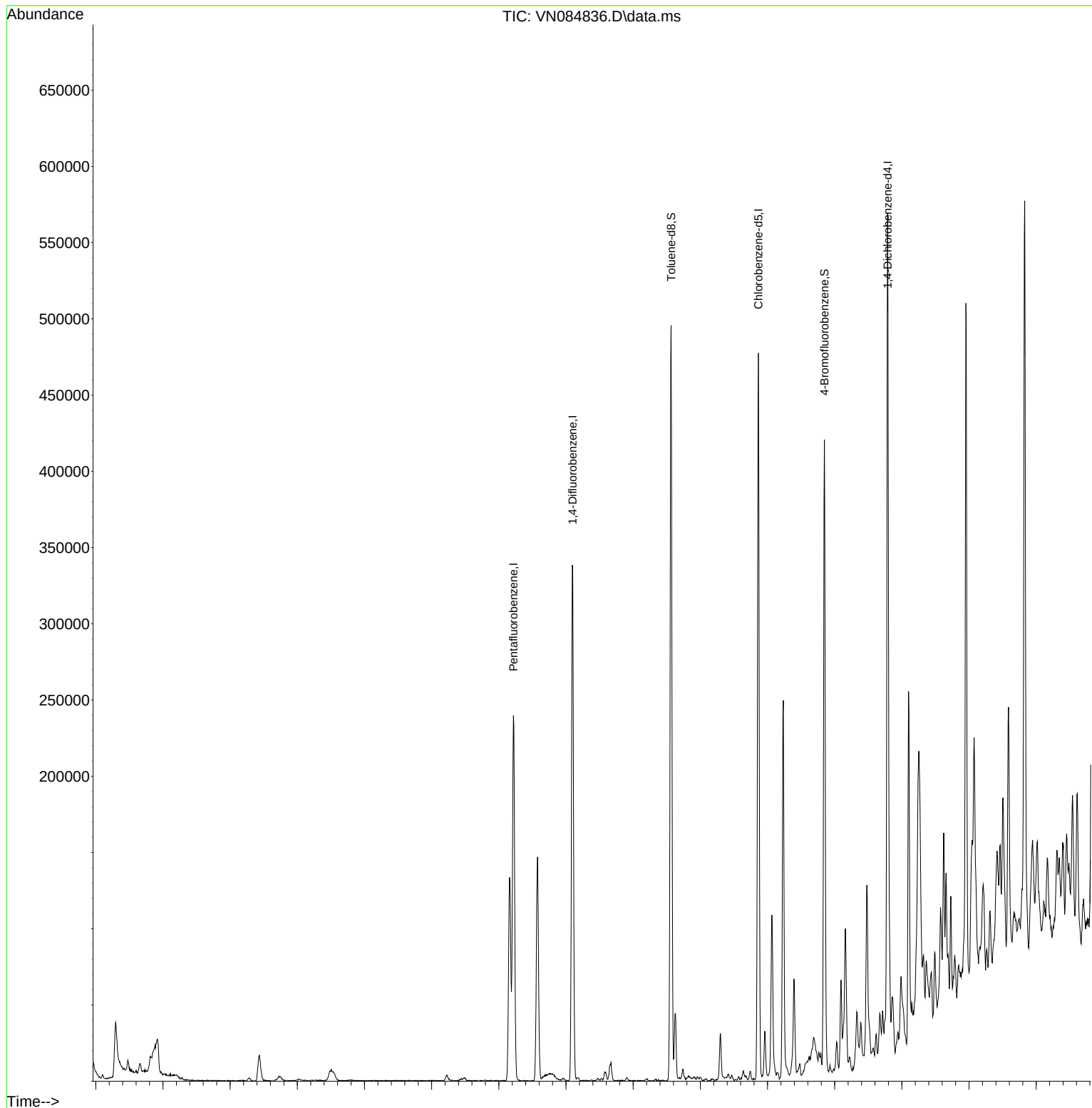
Internal Standards						
1) Pentafluorobenzene	8.218	168	178276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120297	46.719	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.440%		
35) Dibromofluoromethane	8.159	113	98492	48.801	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.600%		
50) Toluene-d8	10.565	98	344037	46.276	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.560%		
62) 4-Bromofluorobenzene	12.847	95	150373	54.120	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	108.240%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.536	59	15373	45.231	ug/l #	78
16) Acetone	4.430	43	22727	28.023	ug/l	91
17) Carbon Disulfide	4.700	76	3088	0.494	ug/l #	74
25) 2-Butanone	7.488	43	3624	3.017	ug/l	92
39) Methylcyclohexane	9.594	83	1278	0.449	ug/l	95
40) Benzene	8.600	78	3233	0.360	ug/l #	87
52) Toluene	10.624	92	18883	3.592	ug/l	97
67) Ethyl Benzene	11.959	91	21639	2.114	ug/l	98
68) m/p-Xylenes	12.065	106	27982	7.219	ug/l	97
69) o-Xylene	12.394	106	15648	4.316	ug/l	92
73) Isopropylbenzene	12.688	105	5321	0.547	ug/l	98
78) n-propylbenzene	13.035	91	12830	1.125	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	14970	1.856	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	61921	7.439	ug/l	100
85) sec-Butylbenzene	13.617	105	4438	0.471	ug/l	89
89) n-Butylbenzene	14.053	91	4187	0.579	ug/l #	79

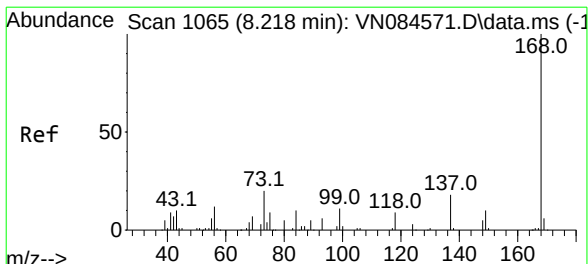
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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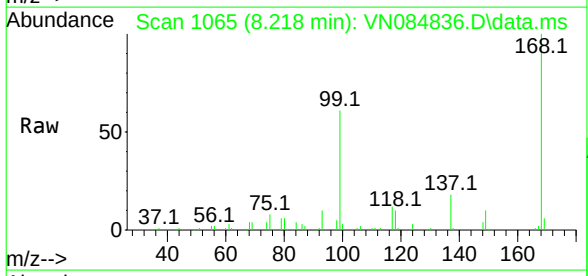
Quant Time: Nov 14 00:41:21 2024
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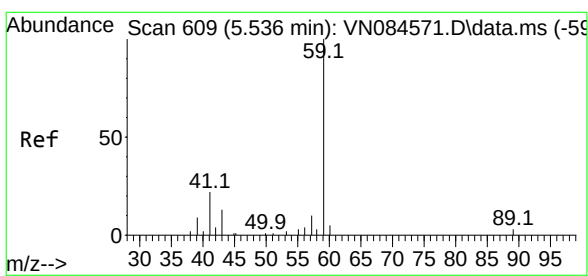
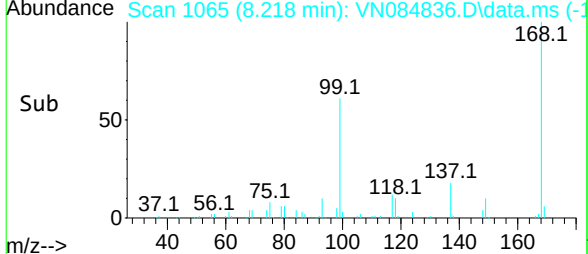
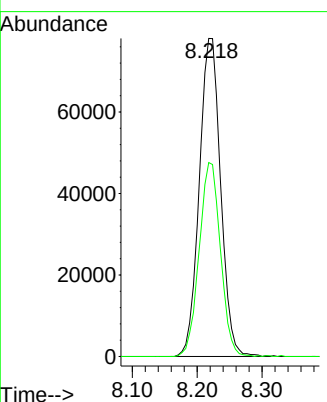


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.218 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: VN084836.D
 Acq: 13 Nov 2024 19:11

Instrument : MSVOA_N
 ClientSampleId : MANHOLE-WASTE-DRUM

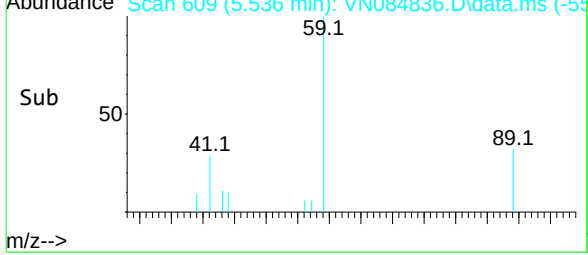
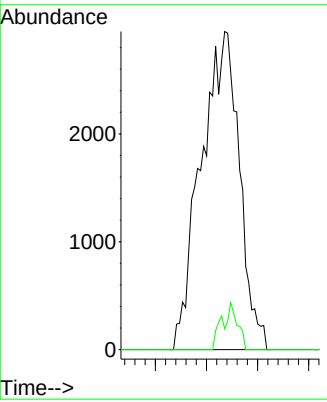
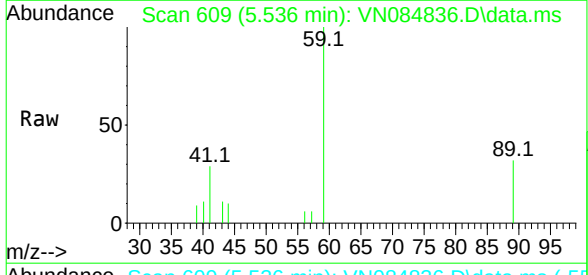


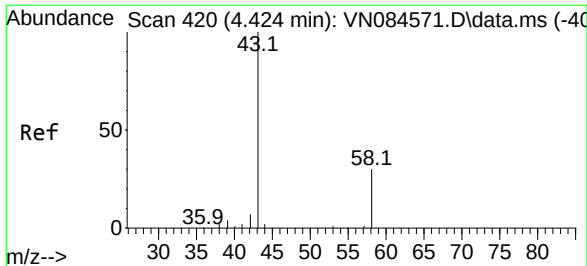
Tgt Ion:168 Resp: 178276
 Ion Ratio Lower Upper
 168 100
 99 61.0 54.2 81.2



#11
 Tert butyl alcohol
 Concen: 45.231 ug/l
 RT: 5.536 min Scan# 609
 Delta R.T. 0.012 min
 Lab File: VN084836.D
 Acq: 13 Nov 2024 19:11

Tgt Ion: 59 Resp: 15373
 Ion Ratio Lower Upper
 59 100
 57 2.1 8.2 12.2#





#16

Acetone

Concen: 28.023 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.006 min

Lab File: VN084836.D

Acq: 13 Nov 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

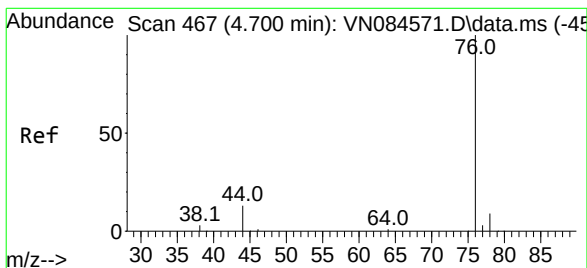
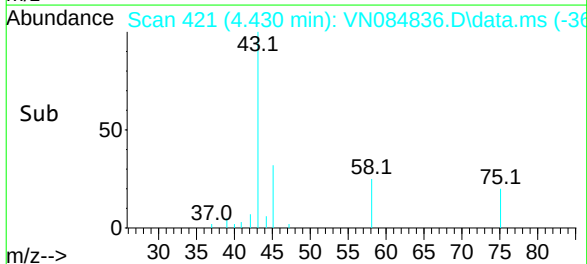
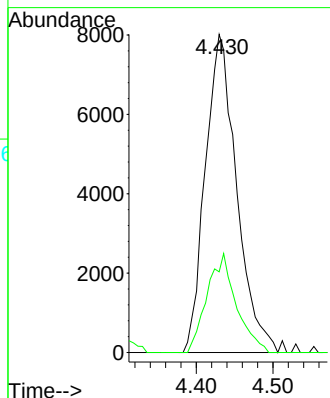
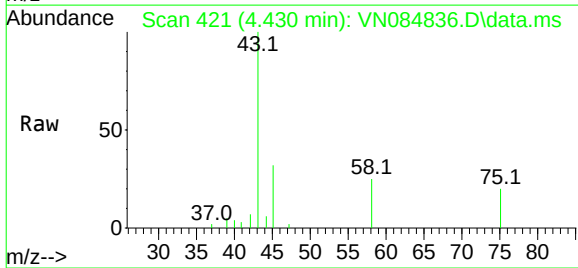
MANHOLE-WASTE-DRUM

Tgt Ion: 43 Resp: 22727

Ion Ratio Lower Upper

43 100

58 25.4 24.4 36.6



#17

Carbon Disulfide

Concen: 0.494 ug/l

RT: 4.700 min Scan# 467

Delta R.T. -0.012 min

Lab File: VN084836.D

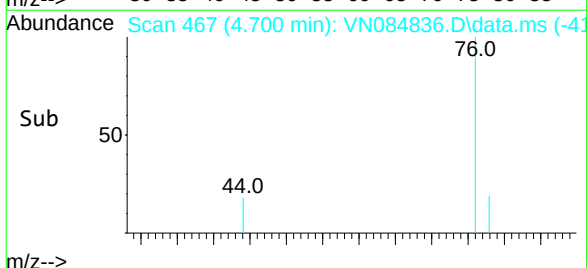
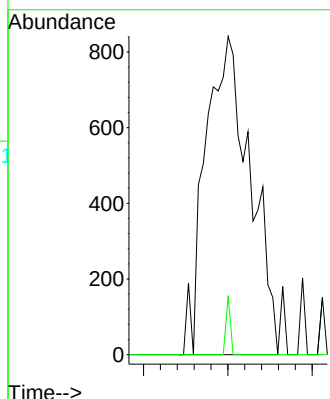
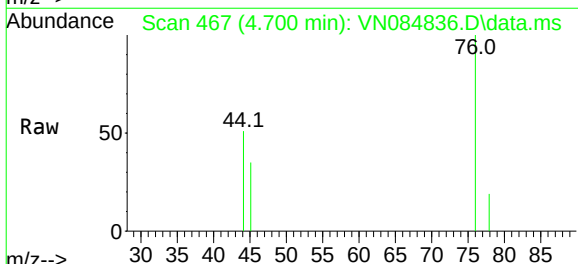
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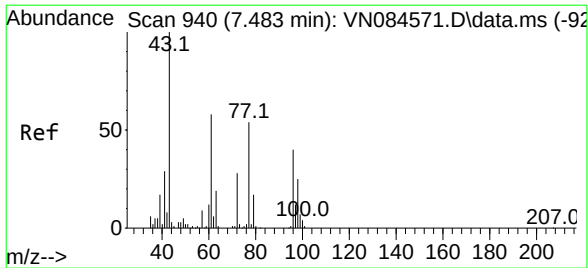
Tgt Ion: 76 Resp: 3088

Ion Ratio Lower Upper

76 100

78 18.5 7.3 10.9#

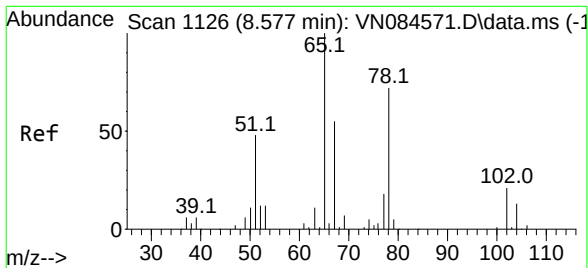
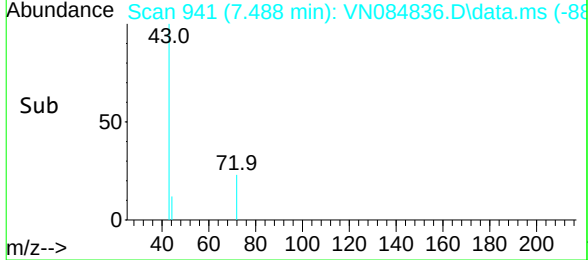
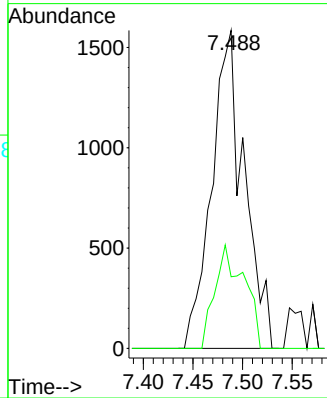
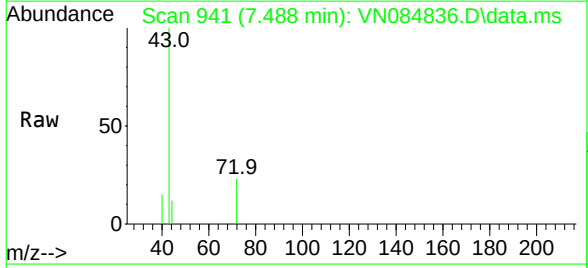




#25
2-Butanone
Concen: 3.017 ug/l
RT: 7.488 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

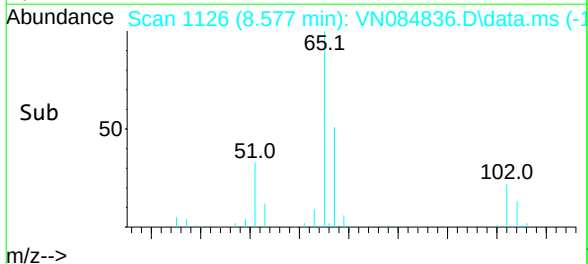
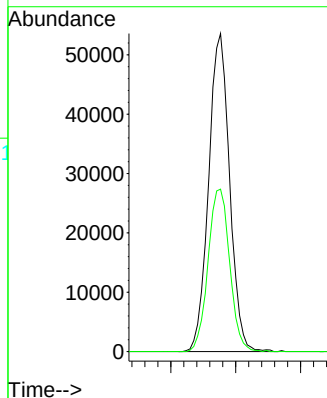
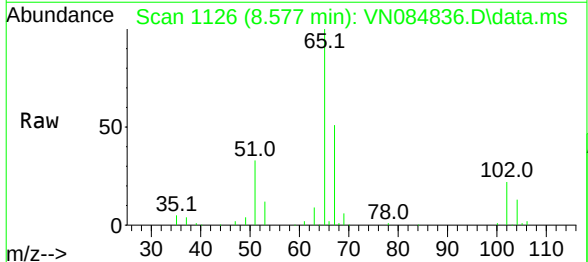
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-WASTE-DRUM

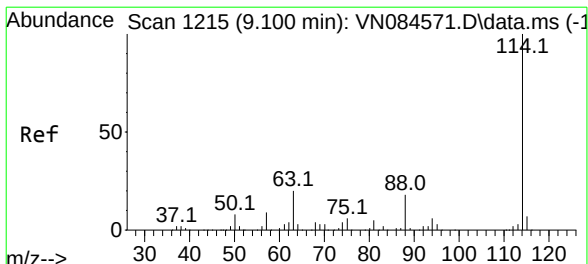
Tgt Ion: 43 Resp: 3624
Ion Ratio Lower Upper
43 100
72 22.5 21.4 32.2



#33
1,2-Dichloroethane-d4
Concen: 46.719 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

Tgt Ion: 65 Resp: 120297
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.0

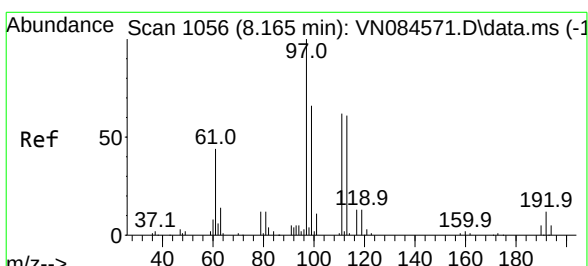
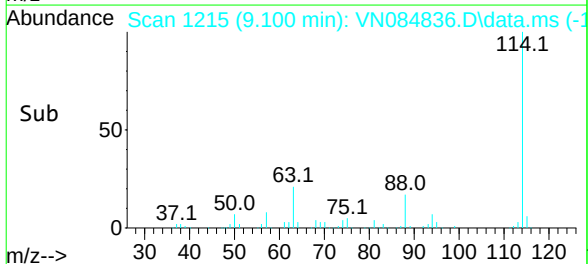
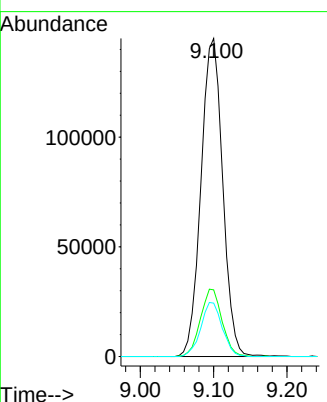
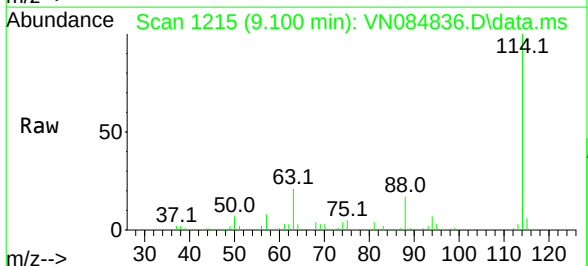




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084836.D
 Acq: 13 Nov 2024 19:11

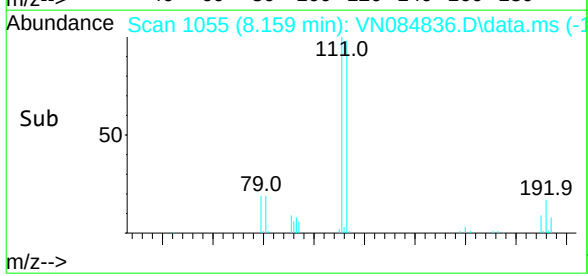
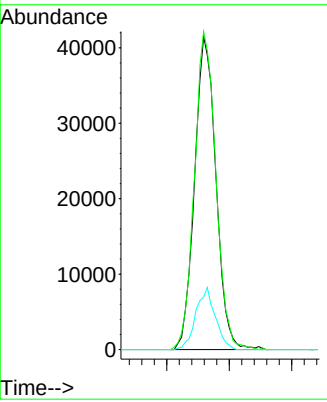
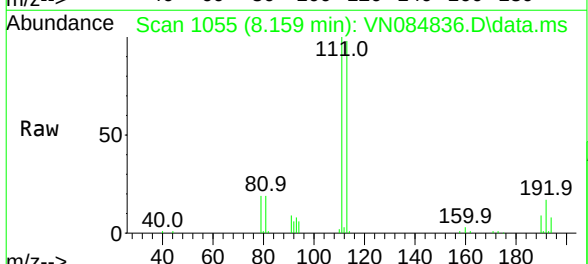
Instrument : MSVOA_N
 ClientSampleId : MANHOLE-WASTE-DRUM

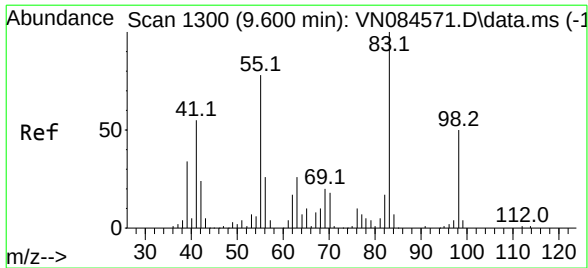
Tgt Ion:	114	Resp:	298166
Ion Ratio	Lower	Upper	
114	100		
63	21.0	0.0	43.8
88	16.8	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 48.801 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084836.D
 Acq: 13 Nov 2024 19:11

Tgt Ion:	113	Resp:	98492
Ion Ratio	Lower	Upper	
113	100		
111	102.1	83.3	124.9
192	18.0	13.5	20.3

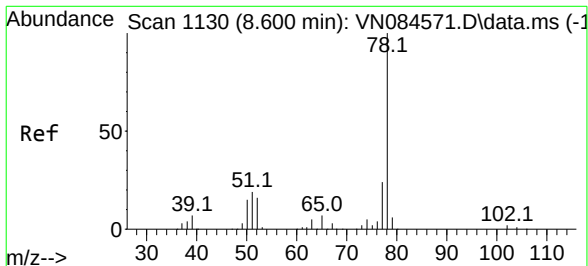
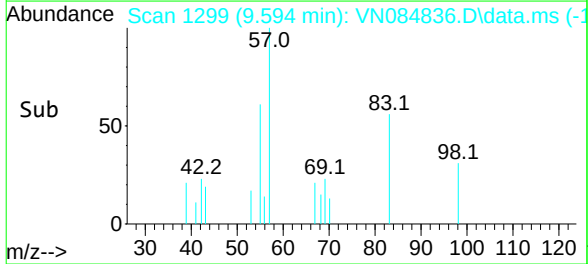
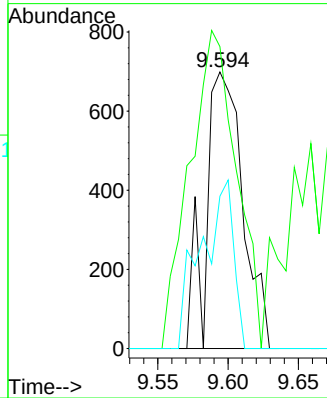
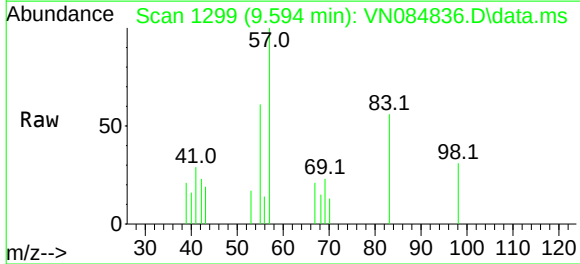




#39
Methylcyclohexane
Concen: 0.449 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

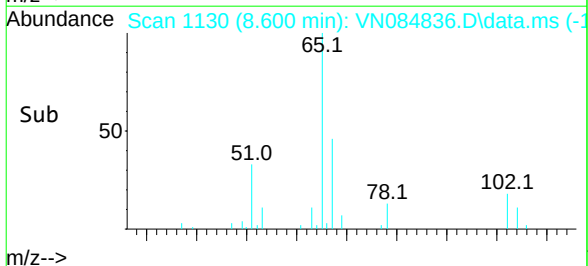
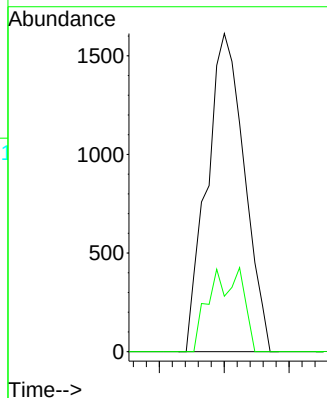
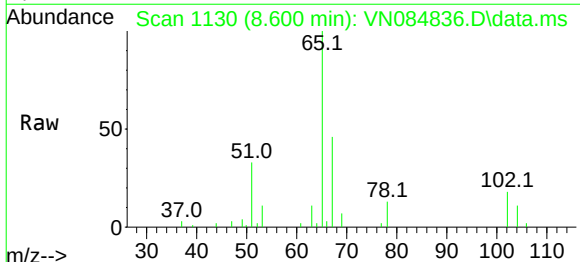
Instrument : MSVOA_N
ClientSampleId : MANHOLE-WASTE-DRUM

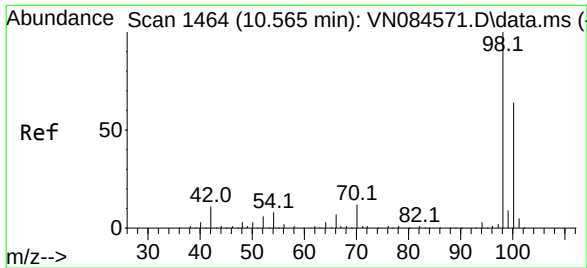
Tgt Ion:	83	Resp:	1278
Ion	Ratio	Lower	Upper
83	100		
55	76.8	62.8	94.2
98	55.1	38.8	58.2



#40
Benzene
Concen: 0.360 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

Tgt Ion:	78	Resp:	3233
Ion	Ratio	Lower	Upper
78	100		
77	17.4	19.1	28.7#





#50

Toluene-d8

Concen: 46.276 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN084836.D

Acq: 13 Nov 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

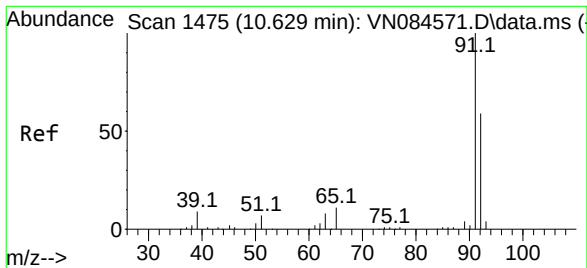
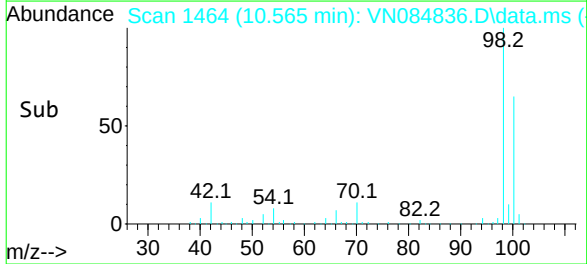
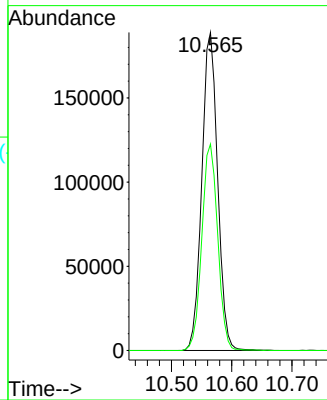
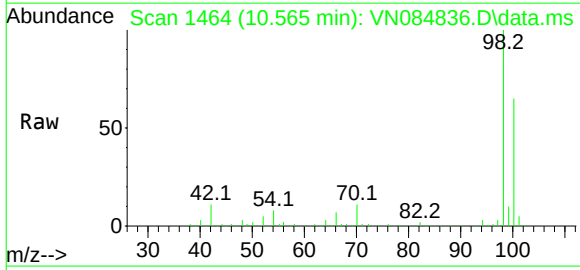
MANHOLE-WASTE-DRUM

Tgt Ion: 98 Resp: 344037

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1



#52

Toluene

Concen: 3.592 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN084836.D

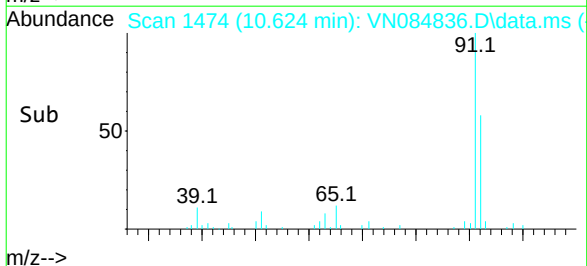
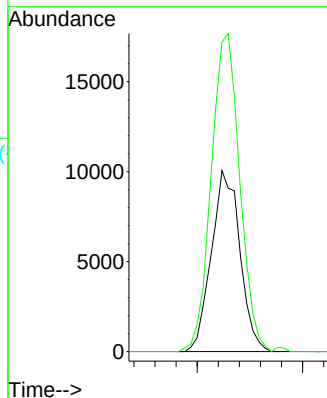
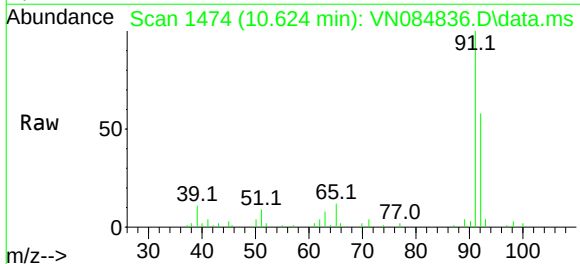
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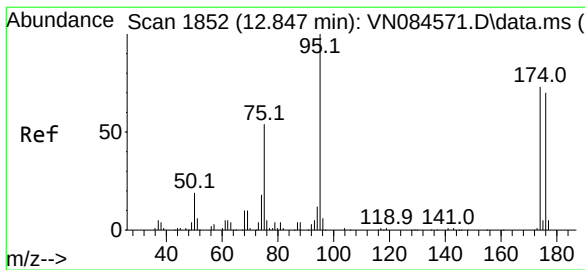
Tgt Ion: 92 Resp: 18883

Ion Ratio Lower Upper

92 100

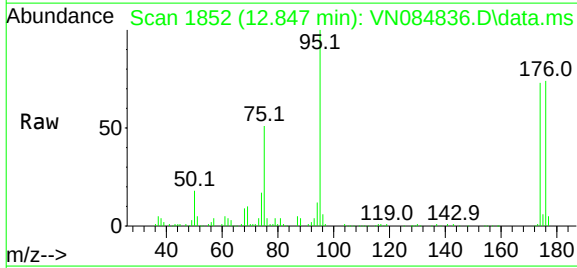
91 175.7 137.3 205.9



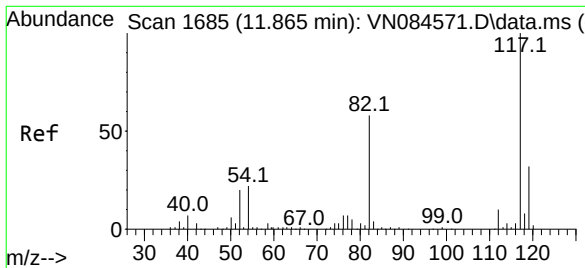
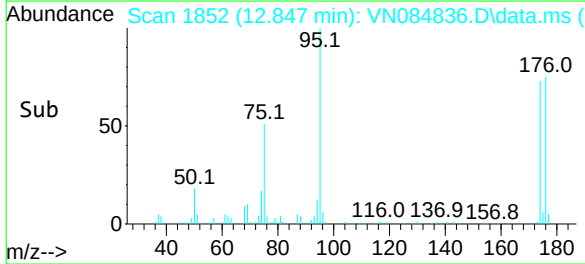
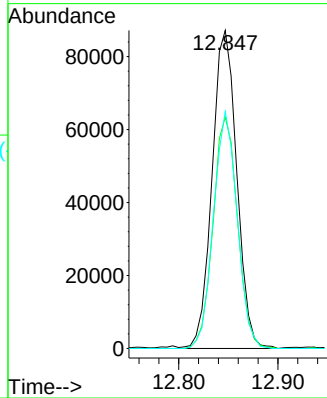


#62
4-Bromofluorobenzene
Concen: 54.120 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

Instrument :
MSVOA_N
ClientSampleId :
MANHOLE-WASTE-DRUM

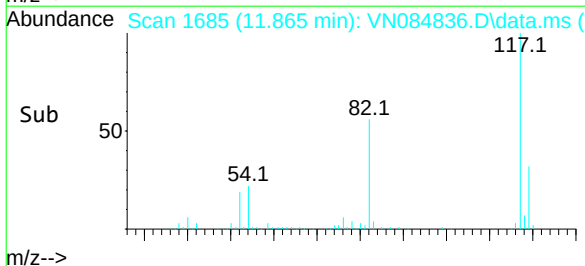
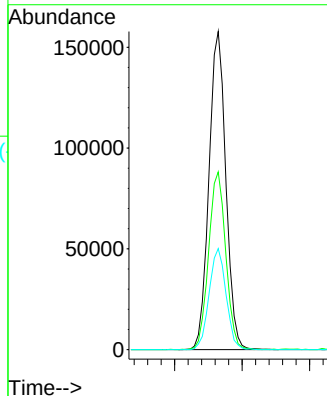
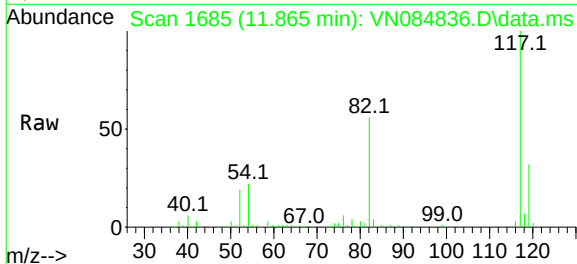


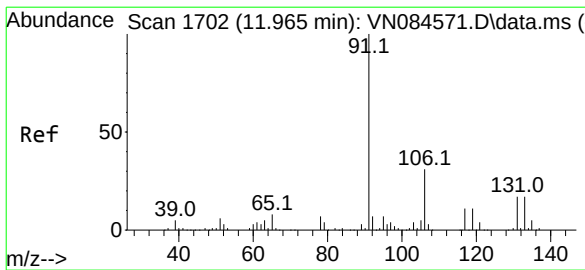
Tgt Ion: 95 Resp: 150373
Ion Ratio Lower Upper
95 100
174 72.1 0.0 145.2
176 71.7 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084836.D
Acq: 13 Nov 2024 19:11

Tgt Ion: 117 Resp: 274157
Ion Ratio Lower Upper
117 100
82 55.9 47.2 70.8
119 31.8 25.4 38.0





#67

Ethyl Benzene

Concen: 2.114 ug/l

RT: 11.959 min Scan# 1719

Delta R.T. -0.000 min

Lab File: VN084836.D

Acq: 13 Nov 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

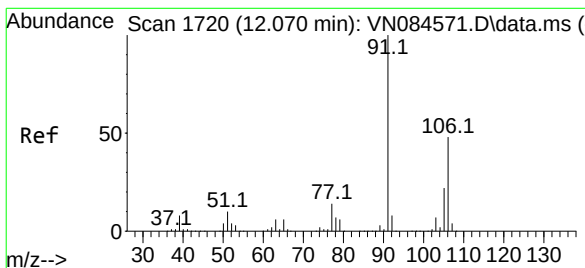
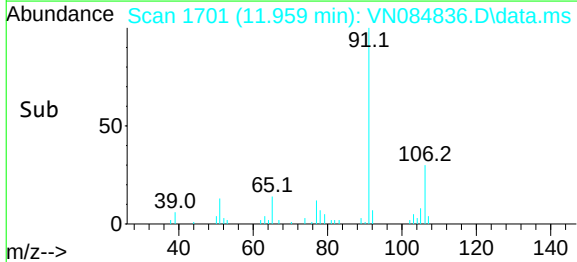
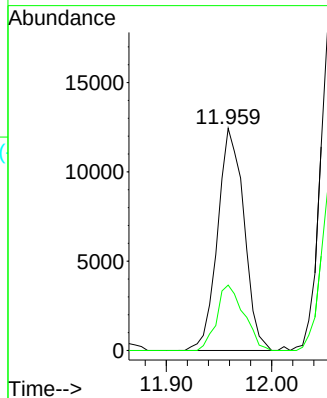
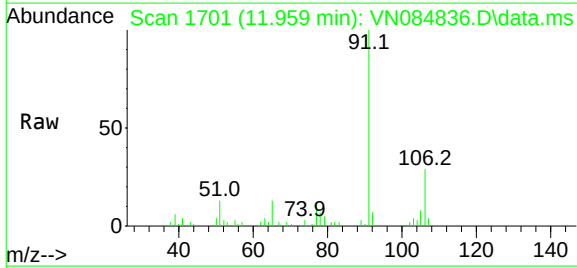
MANHOLE-WASTE-DRUM

Tgt Ion: 91 Resp: 21639

Ion Ratio Lower Upper

91 100

106 29.4 24.5 36.7



#68

m/p-Xylenes

Concen: 7.219 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN084836.D

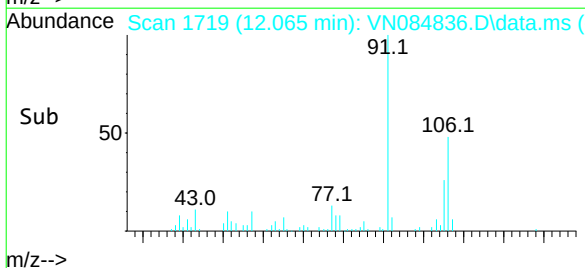
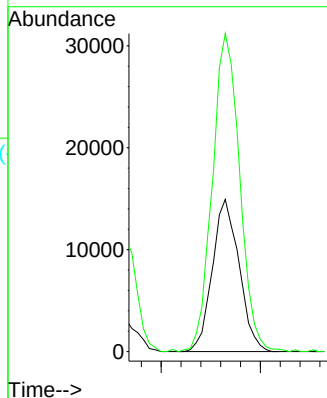
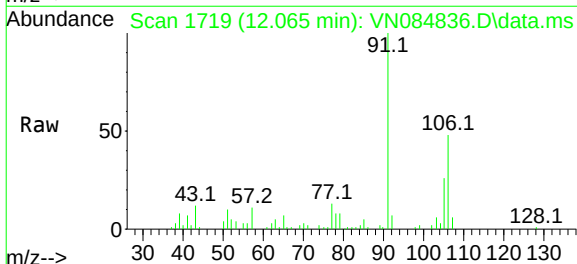
Acq: 13 Nov 2024 19:11

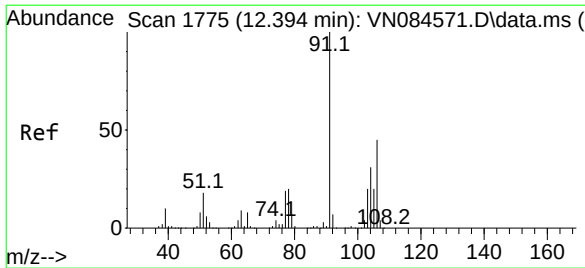
Tgt Ion: 106 Resp: 27982

Ion Ratio Lower Upper

106 100

91 213.3 167.1 250.7





#69

o-Xylene

Concen: 4.316 ug/l

RT: 12.394 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN084836.D

Acq: 13 Nov 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

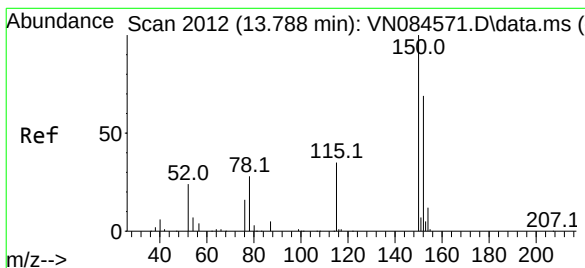
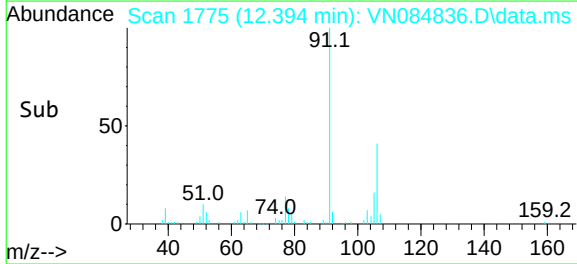
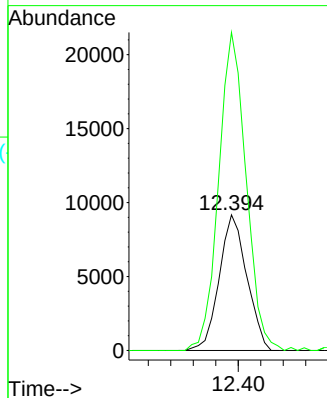
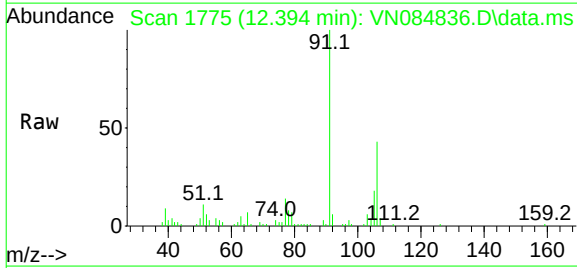
MANHOLE-WASTE-DRUM

Tgt Ion:106 Resp: 15648

Ion Ratio Lower Upper

106 100

91 233.2 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084836.D

Acq: 13 Nov 2024 19:11

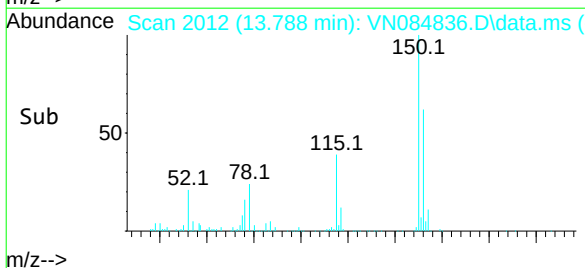
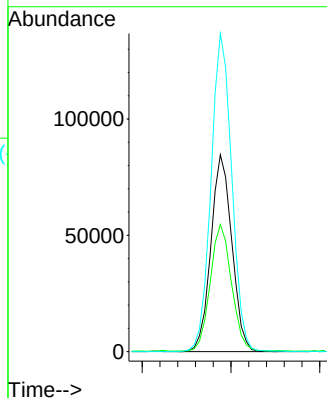
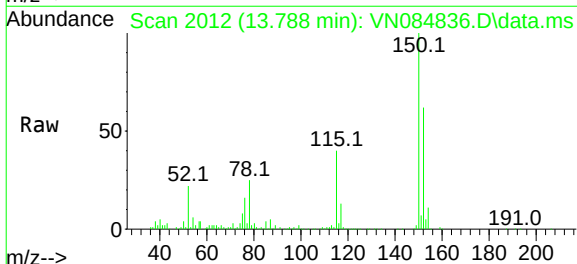
Tgt Ion:152 Resp: 138859

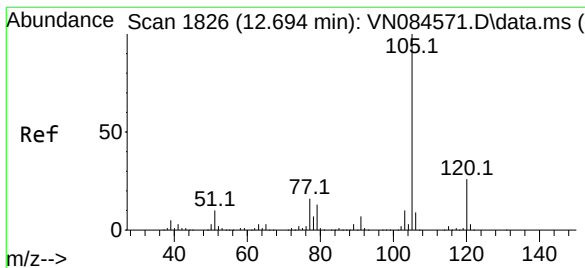
Ion Ratio Lower Upper

152 100

115 65.0 31.3 93.9

150 160.0 0.0 349.8





#73

Isopropylbenzene

Concen: 0.547 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. -0.006 min

Lab File: VN084836.D

Acq: 13 Nov 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

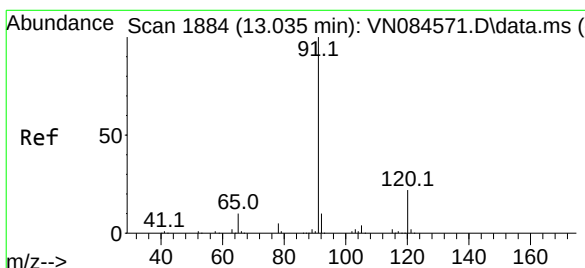
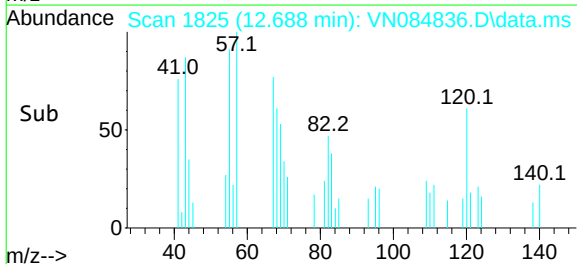
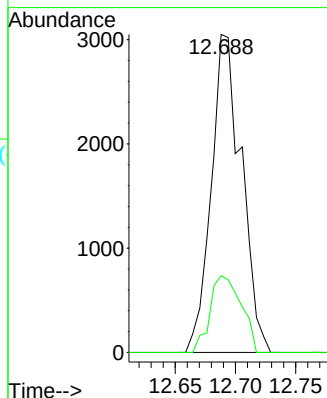
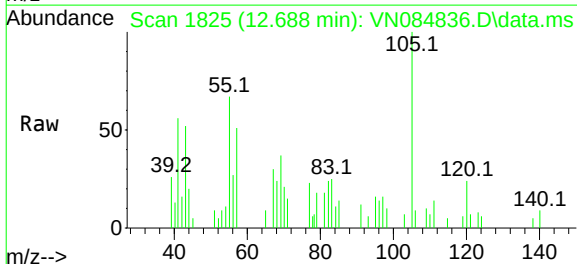
MANHOLE-WASTE-DRUM

Tgt Ion: 105 Resp: 5321

Ion Ratio Lower Upper

105 100

120 24.9 12.9 38.7



#78

n-propylbenzene

Concen: 1.125 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084836.D

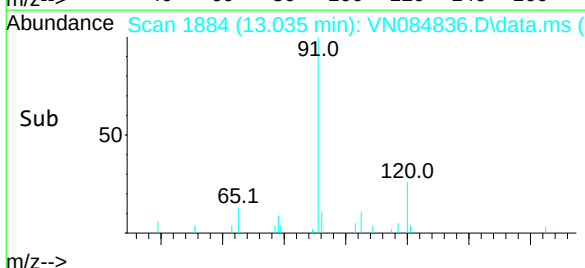
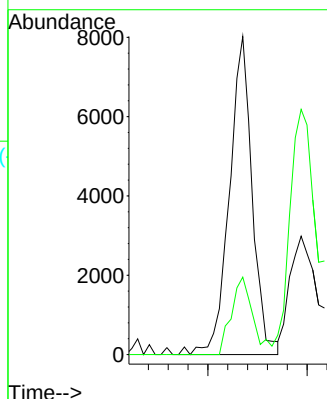
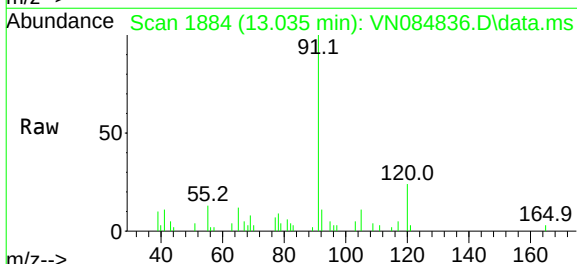
Acq: 13 Nov 2024 19:11

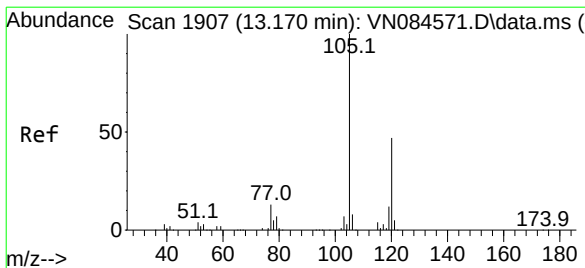
Tgt Ion: 91 Resp: 12830

Ion Ratio Lower Upper

91 100

120 23.0 10.8 32.4





#80

1,3,5-Trimethylbenzene

Concen: 1.856 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN084836.D

Acq: 13 Nov 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

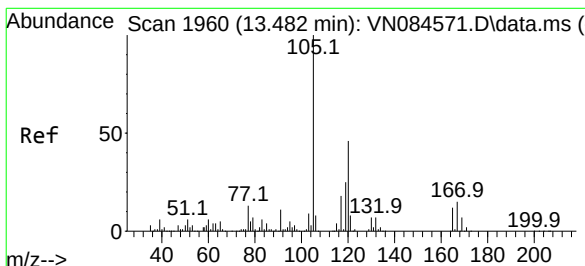
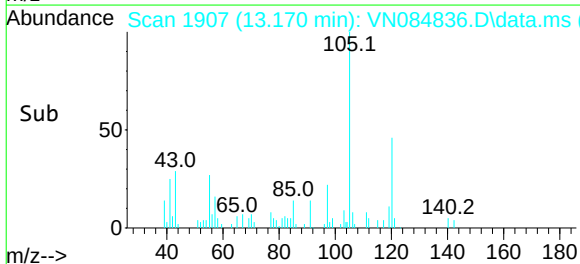
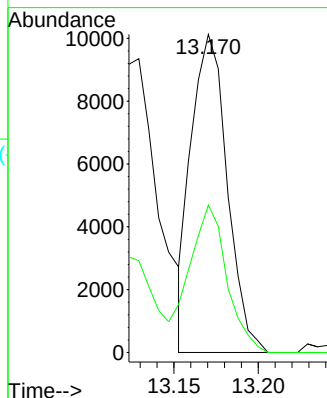
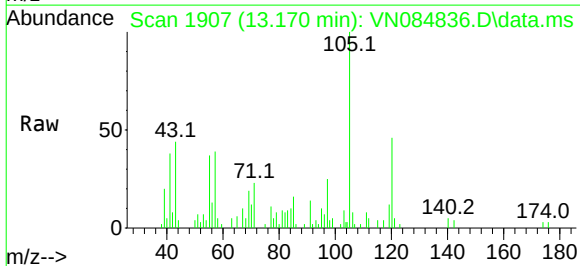
MANHOLE-WASTE-DRUM

Tgt Ion:105 Resp: 14970

Ion Ratio Lower Upper

105 100

120 48.2 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 7.439 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084836.D

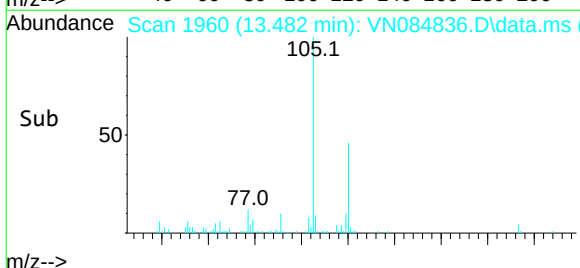
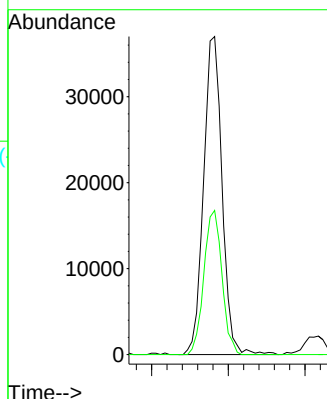
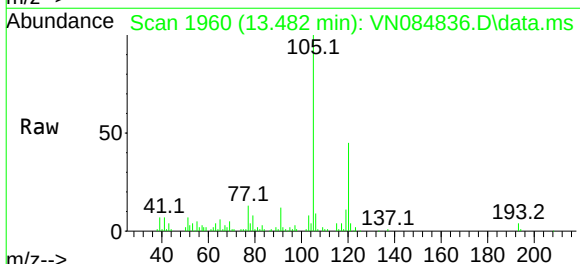
Acq: 13 Nov 2024 19:11

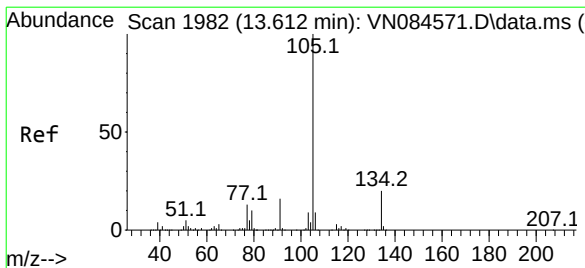
Tgt Ion:105 Resp: 61921

Ion Ratio Lower Upper

105 100

120 44.3 22.3 66.8





#85

sec-Butylbenzene

Concen: 0.471 ug/l

RT: 13.617 min Scan# 19

Delta R.T. -0.000 min

Lab File: VN084836.D

Acq: 13 Nov 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

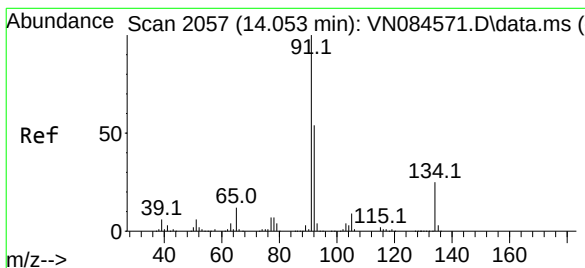
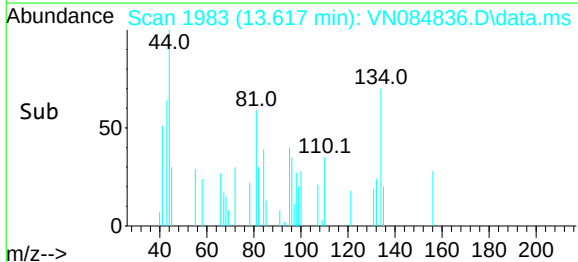
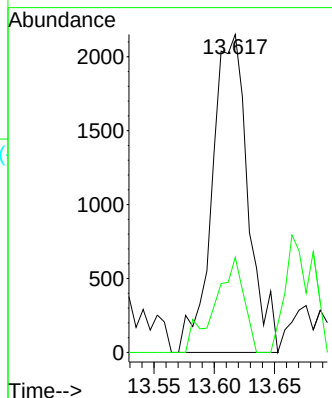
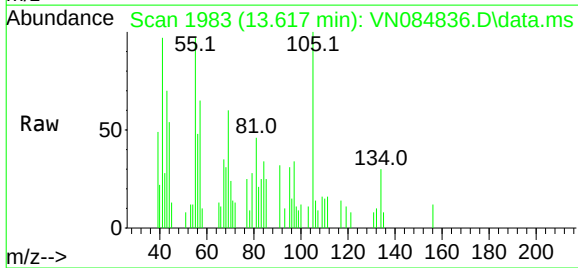
MANHOLE-WASTE-DRUM

Tgt Ion:105 Resp: 4438

Ion Ratio Lower Upper

105 100

134 24.5 9.8 29.4



#89

n-Butylbenzene

Concen: 0.579 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084836.D

Acq: 13 Nov 2024 19:11

Tgt Ion: 91 Resp: 4187

Ion Ratio Lower Upper

91 100

92 58.5 26.6 79.7

134 0.0 12.3 36.9#

