

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006766.D
 Acq On : 16 Nov 2021 17:01
 Operator : SY/MD
 Sample : M4654-02
 Misc : 6.14G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PARKINGLOT-BOTTOM-U-SP-1-1

Quant Time: Nov 17 04:08:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

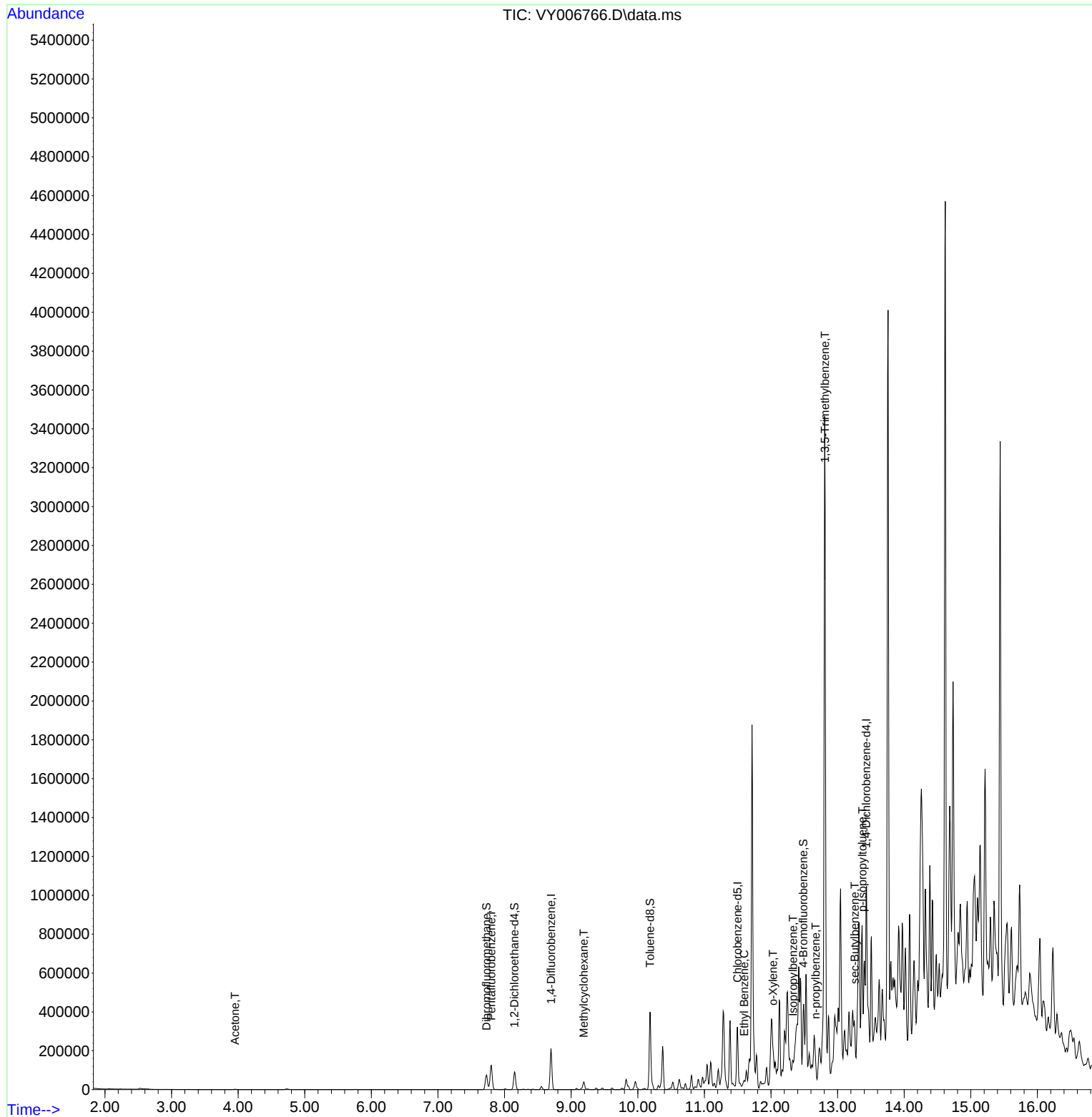
Internal Standards						
1) Pentafluorobenzene	7.801	168	92552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	162270	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	152619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	73367	60.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.960%	
35) Dibromofluoromethane	7.728	113	50284	50.449	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.900%	
50) Toluene-d8	10.185	98	211275	51.223	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.440%	
62) 4-Bromofluorobenzene	12.483	95	72064	51.826	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.660%	
Target Compounds						
16) Acetone	3.954	43	3627	9.841	ug/l	Qvalue 97
39) Methylcyclohexane	9.191	83	14652	6.811	ug/l	95
67) Ethyl Benzene	11.599	91	10449	1.775	ug/l	96
69) o-Xylene	12.032	106	13816	6.502	ug/l	92
73) Isopropylbenzene	12.331	105	9309	1.832	ug/l	96
78) n-propylbenzene	12.672	91	28347	4.576	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	84105	20.195	ug/l	100
85) sec-Butylbenzene	13.258	105	33900	6.293	ug/l	86
86) p-Isopropyltoluene	13.373	119	31450	6.897	ug/l	97

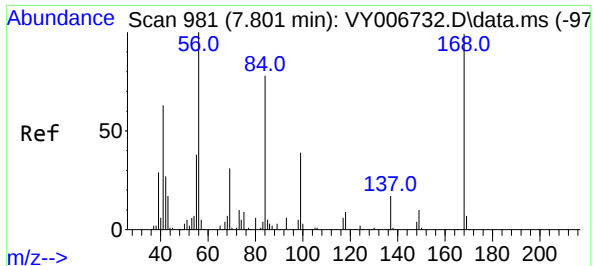
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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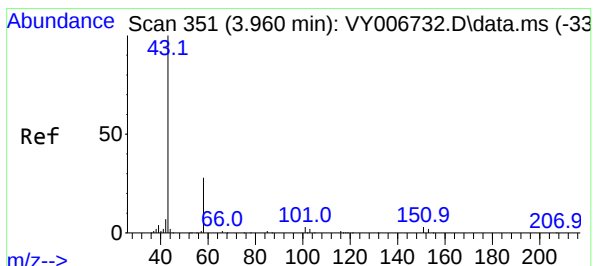
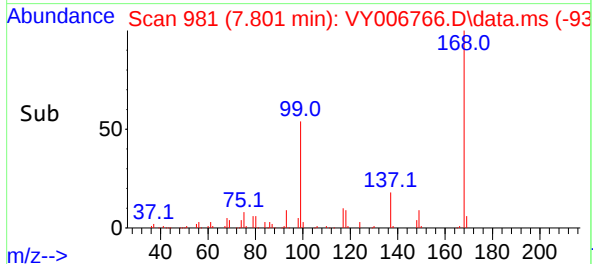
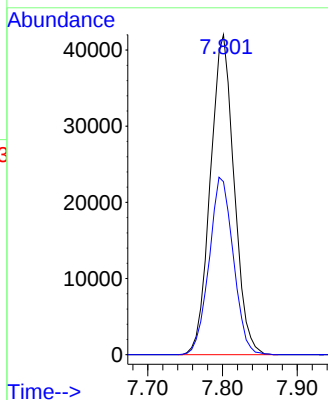
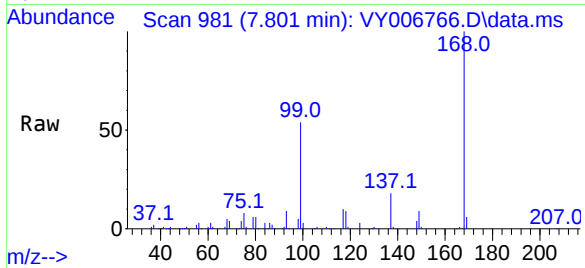




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006766.D
Acq: 16 Nov 2021 17:01

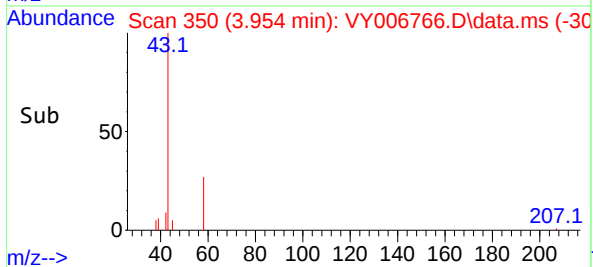
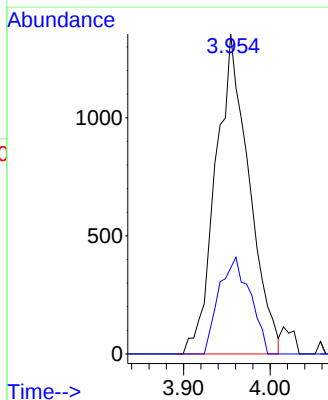
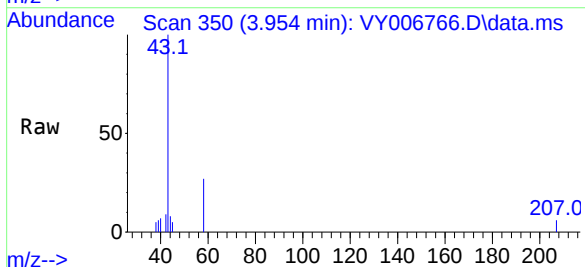
Instrument :
MSVOA_Y
ClientSampleId :
PARKINGLOT-BOTTOM-U-SP-1-1

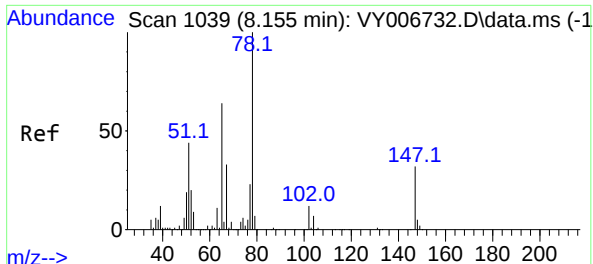
Tgt Ion:168 Resp: 92552
Ion Ratio Lower Upper
168 100
99 54.1 44.8 67.2



#16
Acetone
Concen: 9.841 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY006766.D
Acq: 16 Nov 2021 17:01

Tgt Ion: 43 Resp: 3627
Ion Ratio Lower Upper
43 100
58 26.9 22.9 34.3





#33

1,2-Dichloroethane-d4

Concen: 60.484 ug/l

RT: 8.149 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY006766.D

Acq: 16 Nov 2021 17:01

Instrument :

MSVOA_Y

ClientSampleId :

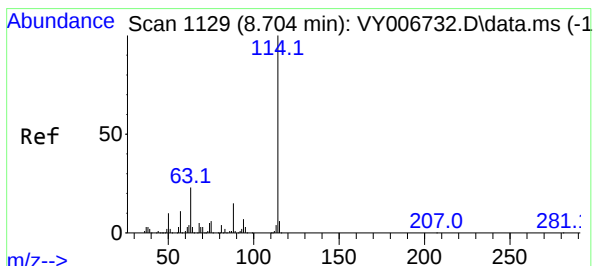
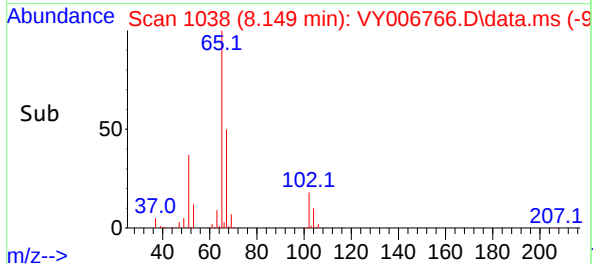
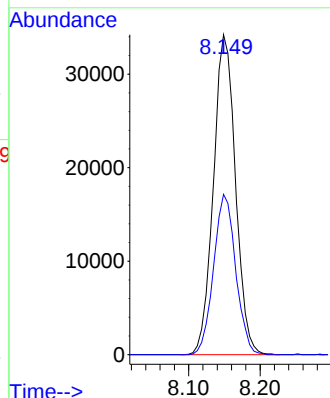
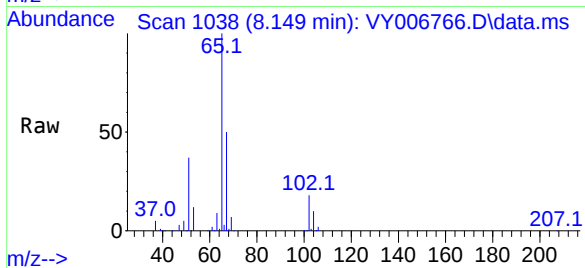
PARKINGLOT-BOTTOM-U-SP-1-1

Tgt Ion: 65 Resp: 73367

Ion Ratio Lower Upper

65 100

67 50.2 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006766.D

Acq: 16 Nov 2021 17:01

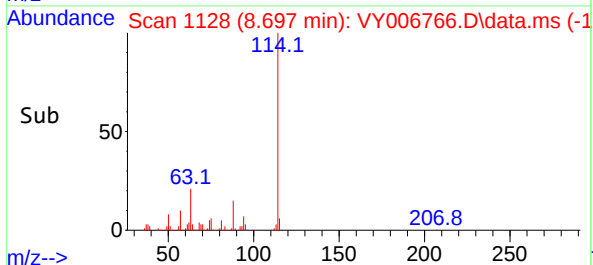
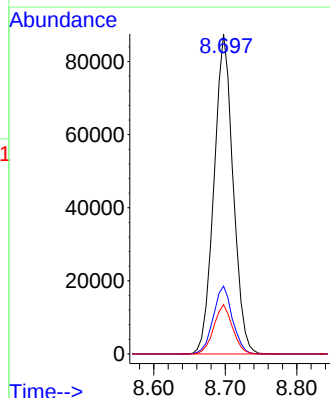
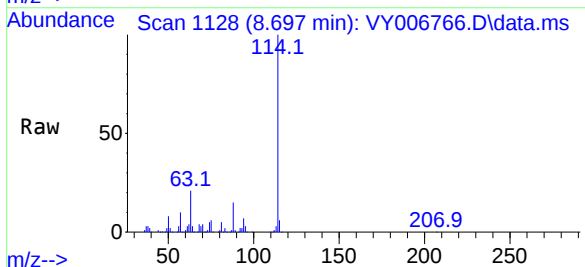
Tgt Ion: 114 Resp: 162270

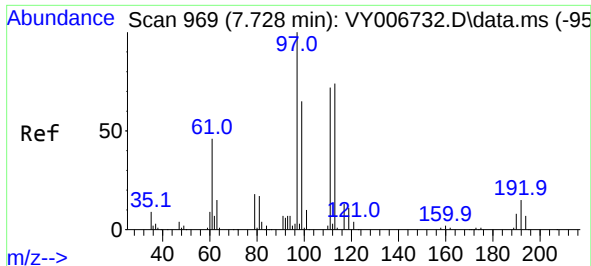
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

88 15.4 0.0 30.6

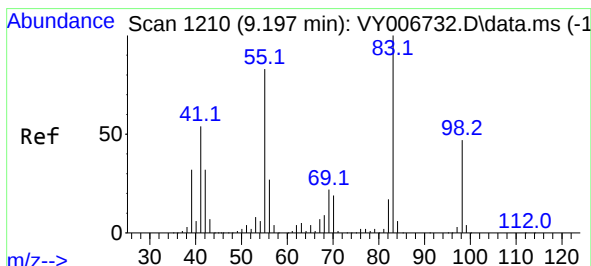
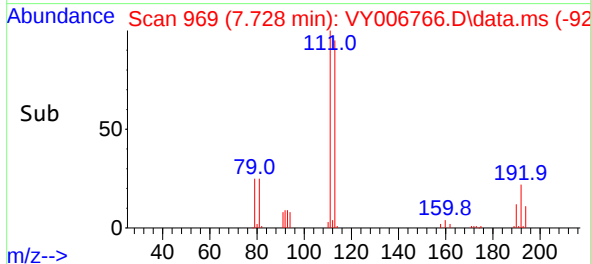
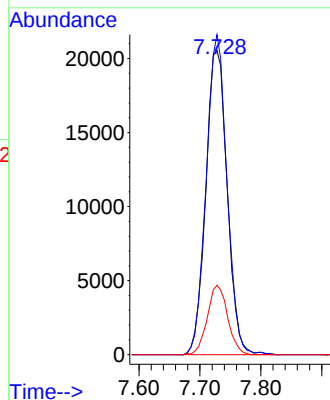
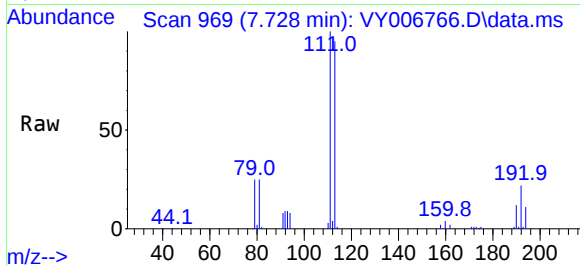




#35
Dibromofluoromethane
Concen: 50.449 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY006766.D
Acq: 16 Nov 2021 17:01

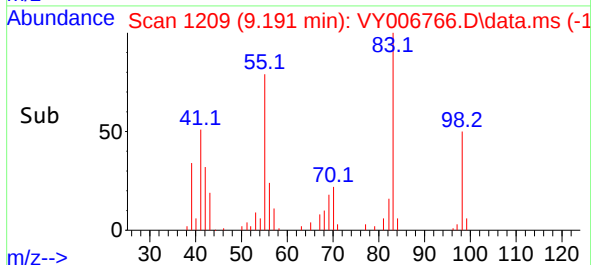
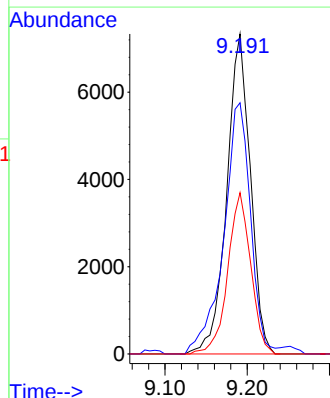
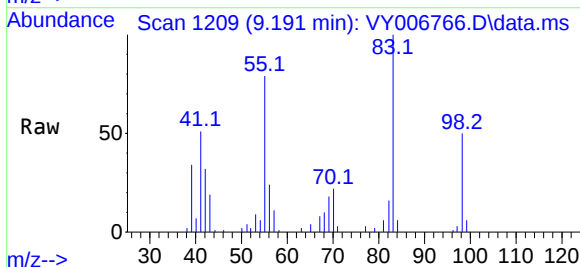
Instrument :
MSVOA_Y
ClientSampleId :
PARKINGLOT-BOTTOM-U-SP-1-1

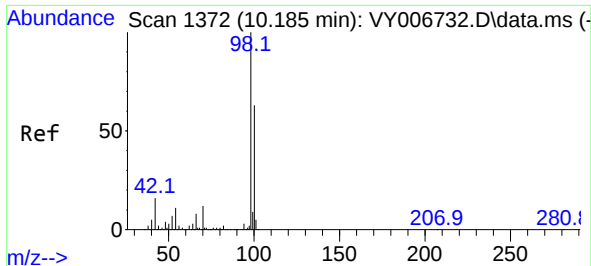
Tgt Ion:113 Resp: 50284
Ion Ratio Lower Upper
113 100
111 101.6 82.3 123.5
192 21.6 17.4 26.2



#39
Methylcyclohexane
Concen: 6.811 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.006 min
Lab File: VY006766.D
Acq: 16 Nov 2021 17:01

Tgt Ion: 83 Resp: 14652
Ion Ratio Lower Upper
83 100
55 78.5 65.3 97.9
98 50.4 37.0 55.4

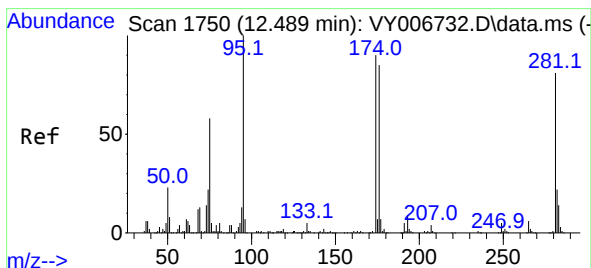
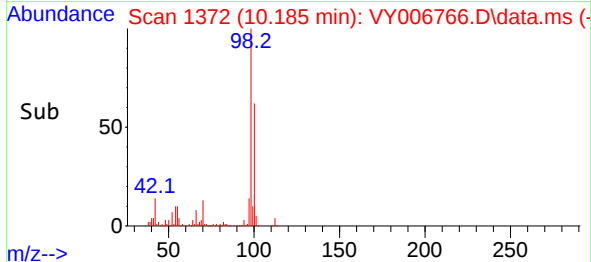
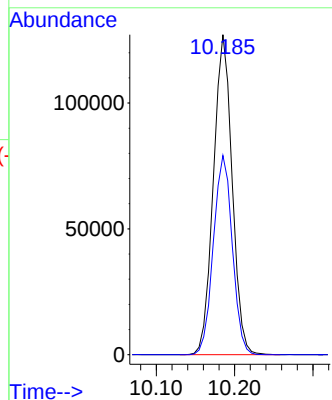
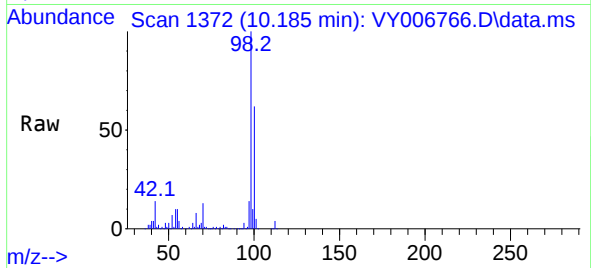




#50
Toluene-d8
Concen: 51.223 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006766.D
Acq: 16 Nov 2021 17:01

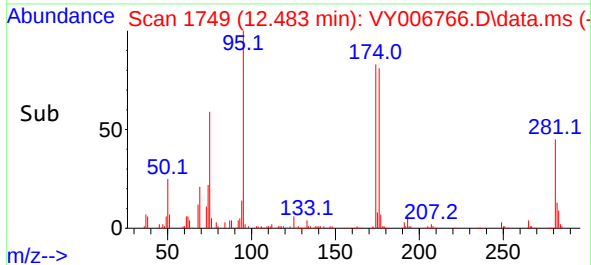
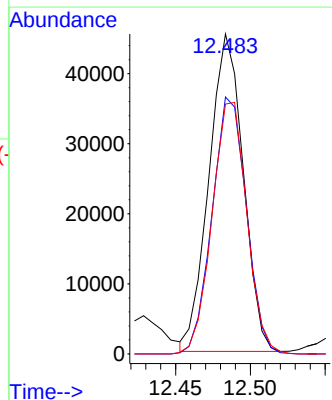
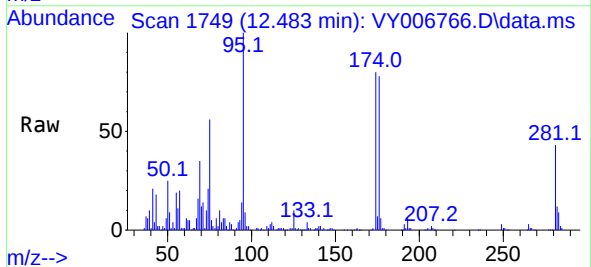
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MSVOA_Y
ClientSampleId :
PARKINGLOT-BOTTOM-U-SP-1-1

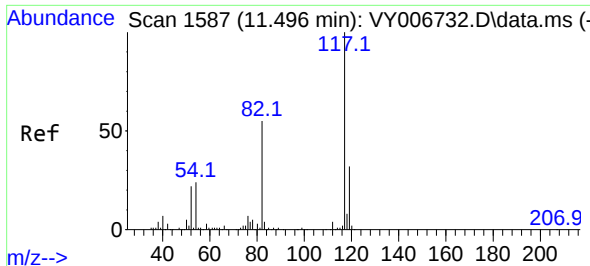
Tgt Ion: 98 Resp: 211275
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.826 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006766.D
Acq: 16 Nov 2021 17:01

Tgt Ion: 95 Resp: 72064
Ion Ratio Lower Upper
95 100
174 81.0 0.0 177.0
176 80.4 0.0 169.4

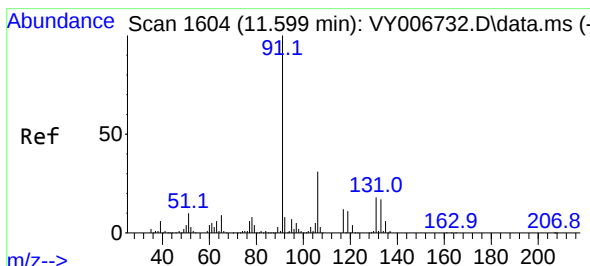
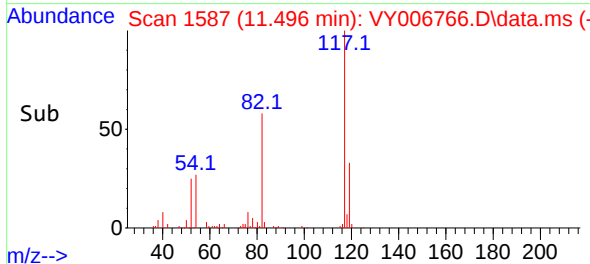
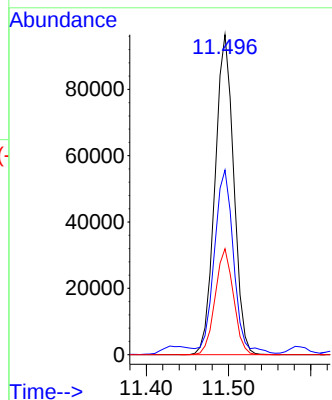
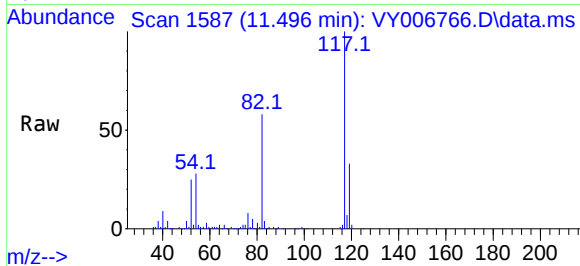




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006766.D
Acq: 16 Nov 2021 17:01

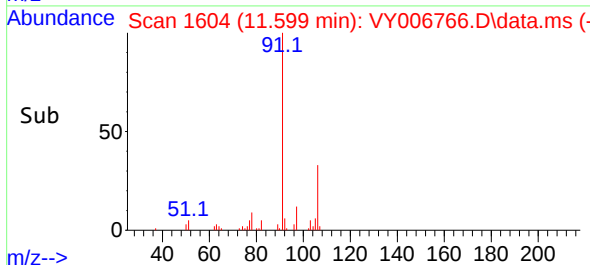
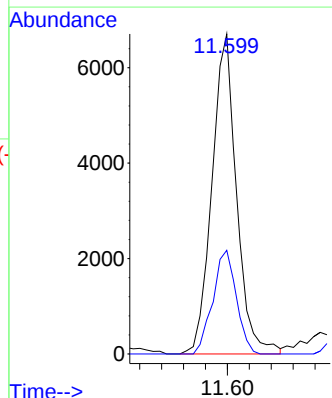
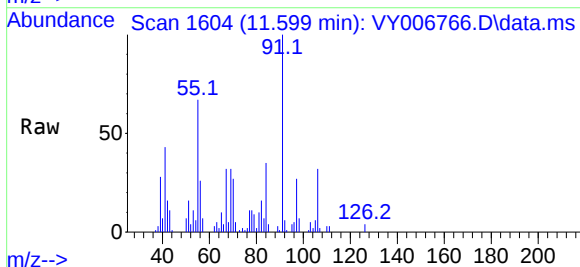
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PARKINGLOT-BOTTOM-U-SP-1-1

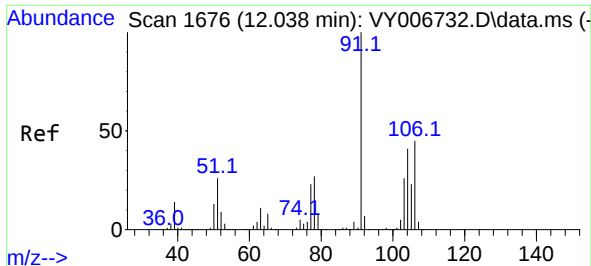
Tgt Ion:117 Resp: 152619
Ion Ratio Lower Upper
117 100
82 57.2 45.7 68.5
119 33.1 25.5 38.3



#67
Ethyl Benzene
Concen: 1.775 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY006766.D
Acq: 16 Nov 2021 17:01

Tgt Ion: 91 Resp: 10449
Ion Ratio Lower Upper
91 100
106 32.4 24.2 36.4

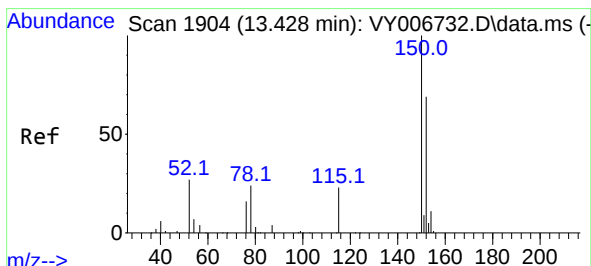
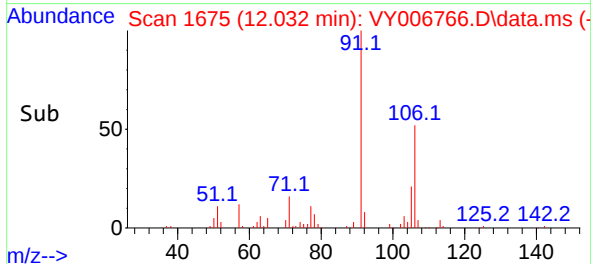
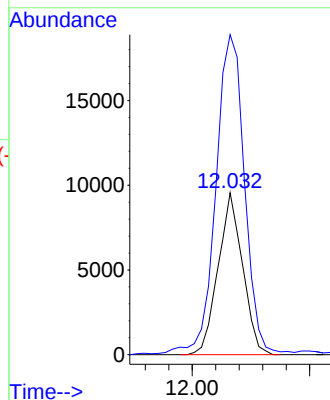
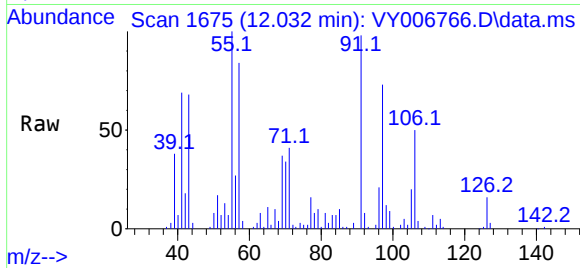




#69
o-Xylene
Concen: 6.502 ug/l
RT: 12.032 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY006766.D
Acq: 16 Nov 2021 17:01

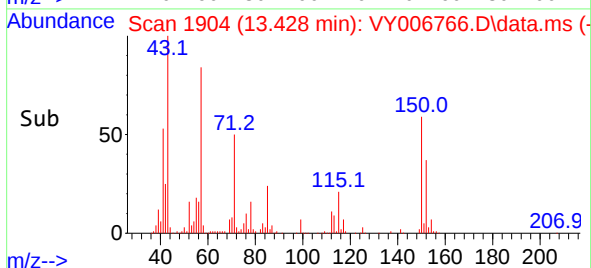
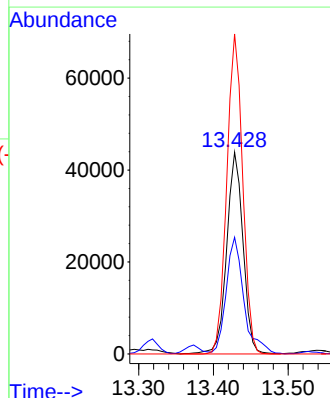
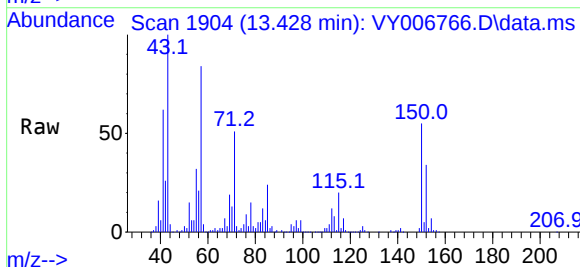
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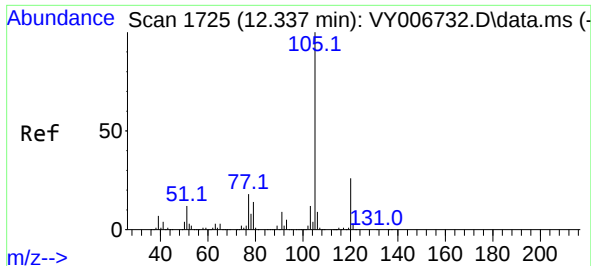
Tgt Ion:106 Resp: 13816
Ion Ratio Lower Upper
106 100
91 233.3 110.3 330.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006766.D
Acq: 16 Nov 2021 17:01

Tgt Ion:152 Resp: 66725
Ion Ratio Lower Upper
152 100
115 62.6 28.5 85.5
150 153.9 0.0 348.2

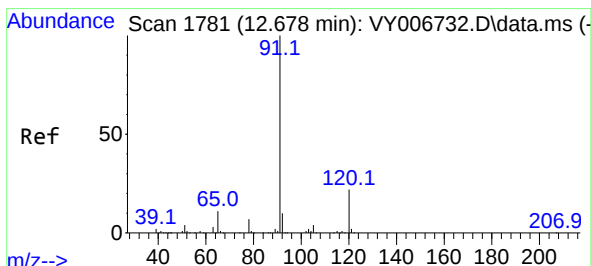
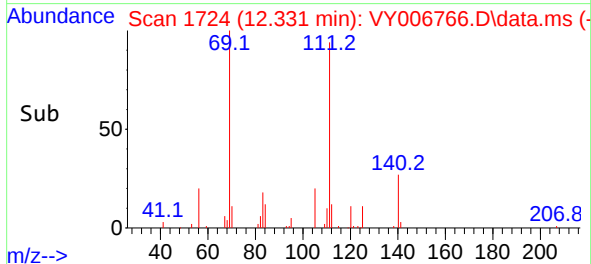
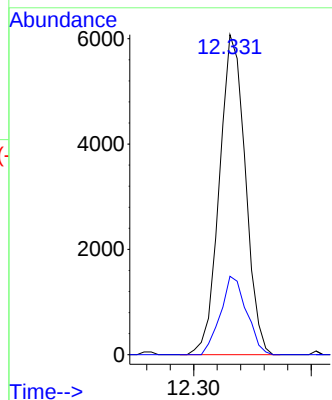
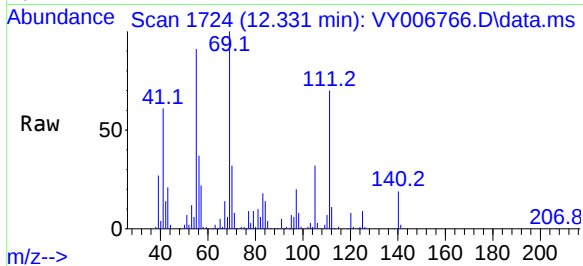




#73
Isopropylbenzene
Concen: 1.832 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006766.D
Acq: 16 Nov 2021 17:01

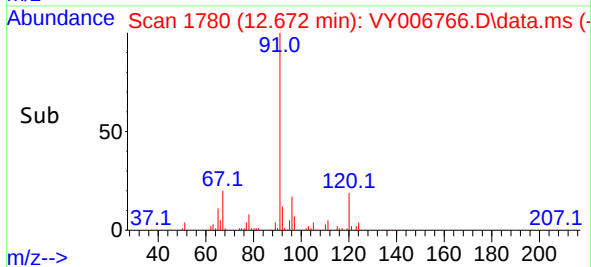
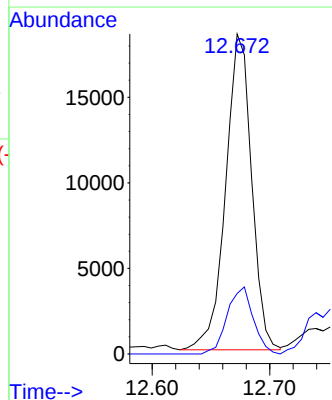
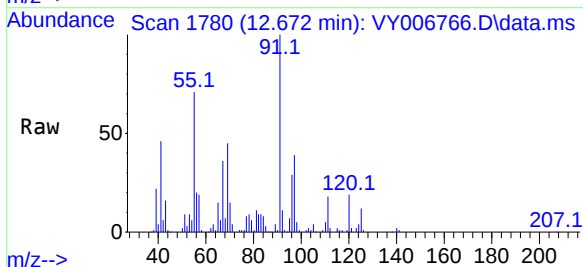
Instrument :
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PARKINGLOT-BOTTOM-U-SP-1-1

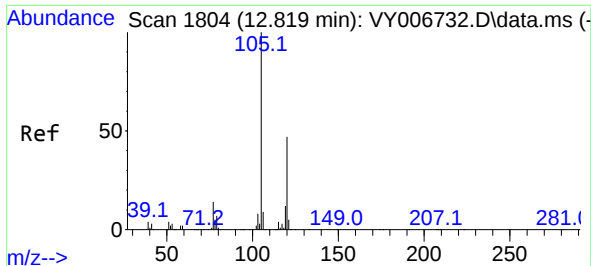
Tgt Ion:105 Resp: 9309
Ion Ratio Lower Upper
105 100
120 24.6 13.3 39.9



#78
n-propylbenzene
Concen: 4.576 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.006 min
Lab File: VY006766.D
Acq: 16 Nov 2021 17:01

Tgt Ion: 91 Resp: 28347
Ion Ratio Lower Upper
91 100
120 21.2 11.3 33.8

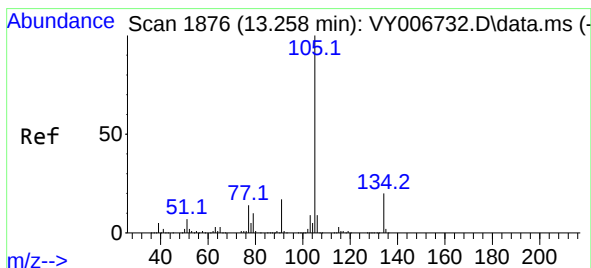
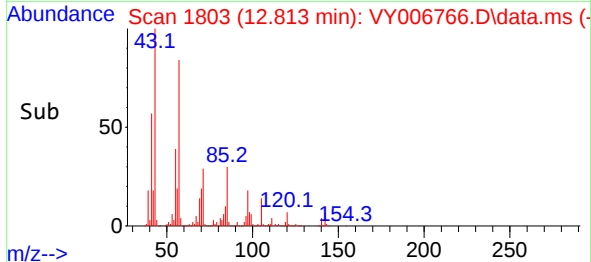
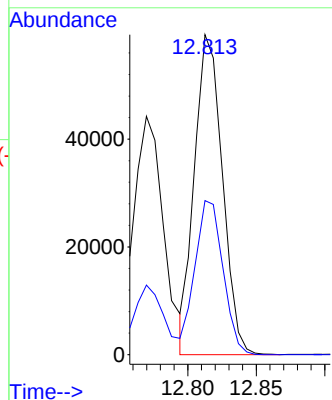
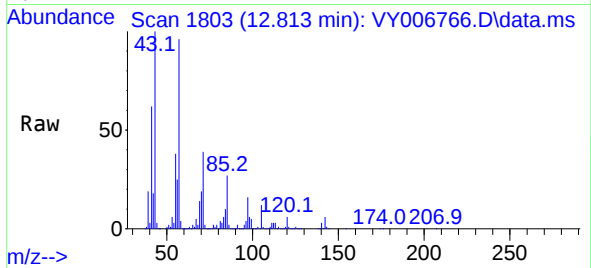




#80
1,3,5-Trimethylbenzene
Concen: 20.195 ug/l
RT: 12.813 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006766.D
Acq: 16 Nov 2021 17:01

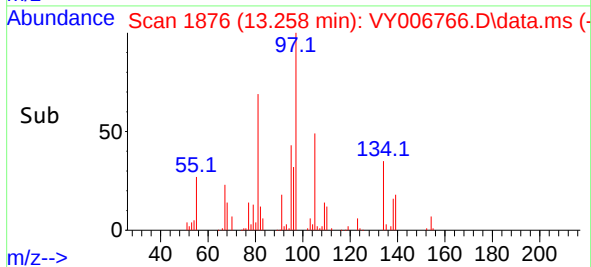
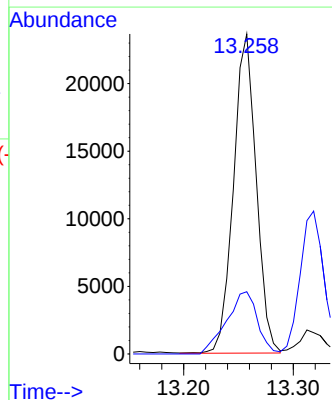
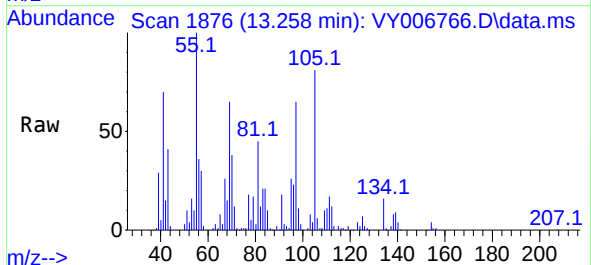
Instrument :
MSVOA_Y
ClientSampleId :
PARKINGLOT-BOTTOM-U-SP-1-1

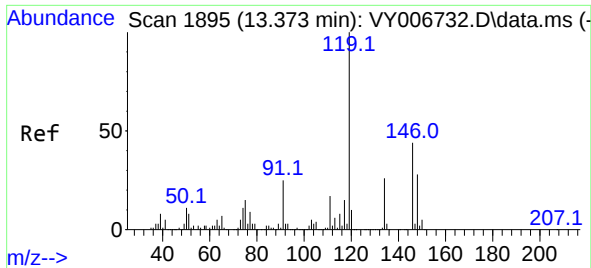
Tgt Ion:105 Resp: 84105
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.4



#85
sec-Butylbenzene
Concen: 6.293 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY006766.D
Acq: 16 Nov 2021 17:01

Tgt Ion:105 Resp: 33900
Ion Ratio Lower Upper
105 100
134 26.6 10.1 30.3





#86
 p-Isopropyltoluene
 Concen: 6.897 ug/l
 RT: 13.373 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY006766.D
 Acq: 16 Nov 2021 17:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 PARKINGLOT-BOTTOM-U-SP-1-1

Tgt Ion:	119	Resp:	31450
Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.1	39.1
91	27.2	12.4	37.4

