

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008098.D
 Acq On : 29 Mar 2022 19:33
 Operator : SY/MD
 Sample : N2106-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OILY-DEBRIS-DRUM-1

Quant Time: Mar 30 04:02:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	127905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	229314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	203212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62944	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71764	55.923	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.840%
35) Dibromofluoromethane	7.722	113	71054	49.421	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.840%
50) Toluene-d8	10.179	98	274227	50.626	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.483	95	82242	43.036	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.080%

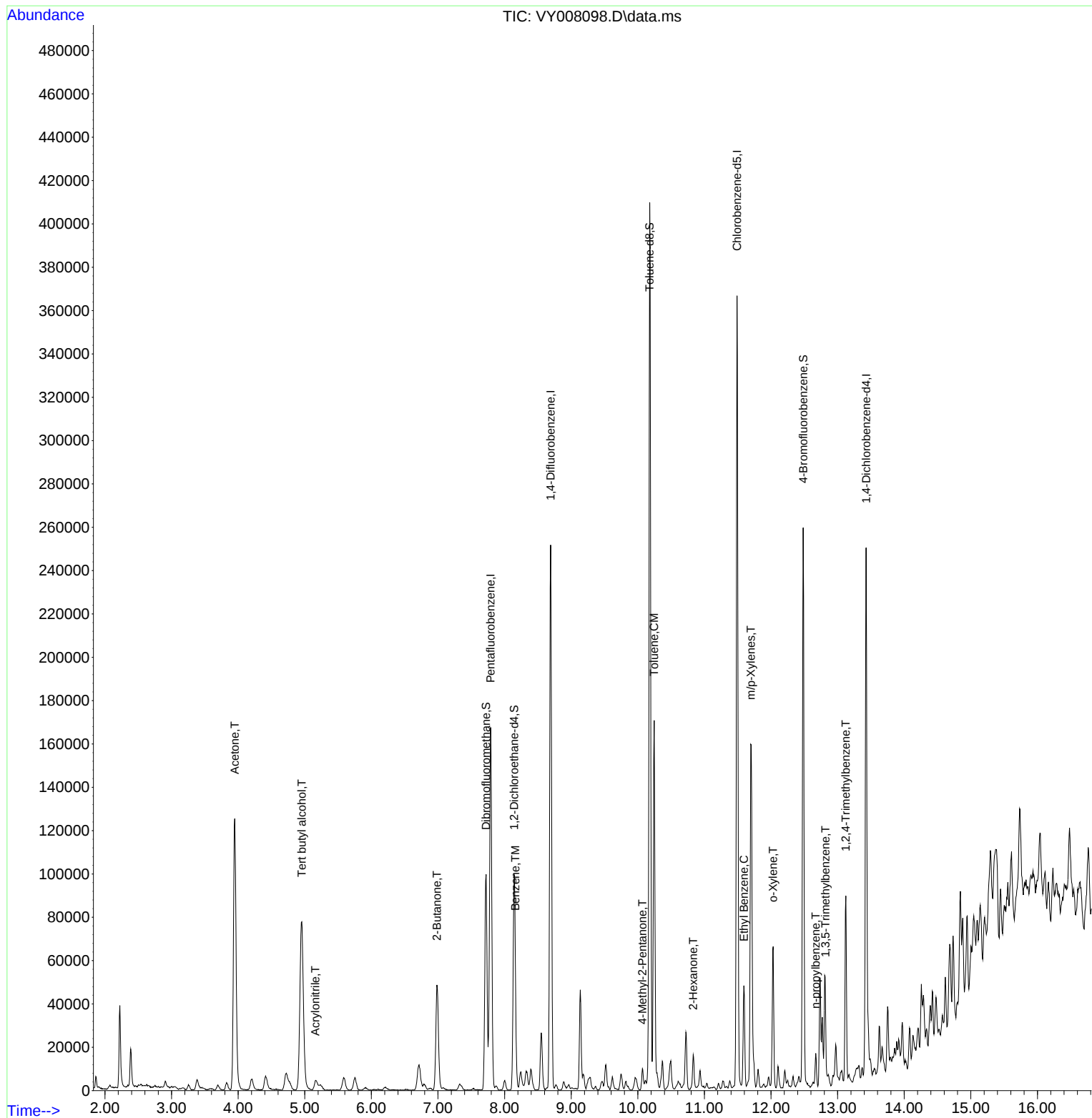
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	166541	1250.837	ug/l #	94
15) Acrylonitrile	5.161	53	6006	16.476	ug/l	94
16) Acetone	3.948	43	214406	730.966	ug/l #	88
25) 2-Butanone	6.984	43	80116	179.485	ug/l #	75
40) Benzene	8.161	78	16645	2.577	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	6025	5.768	ug/l #	77
52) Toluene	10.246	92	71986	16.991	ug/l	95
59) 2-Hexanone	10.831	43	10172	13.916	ug/l	88
67) Ethyl Benzene	11.593	91	31571	3.931	ug/l	94
68) m/p-Xylenes	11.697	106	51563	16.147	ug/l	92
69) o-Xylene	12.032	106	17439	5.704	ug/l	96
78) n-propylbenzene	12.672	91	11429	1.865	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	10415	2.447	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	46719	11.272	ug/l	98

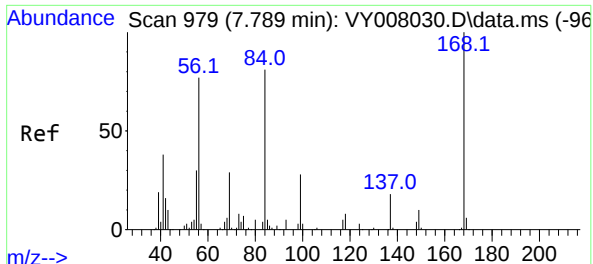
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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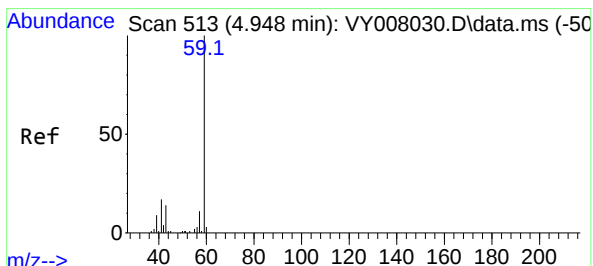
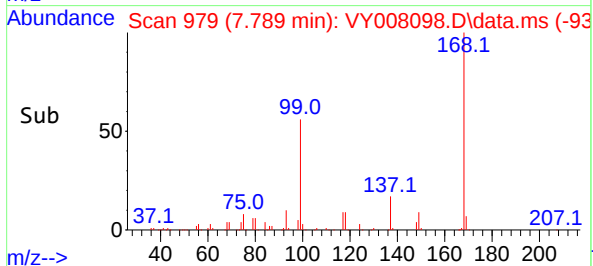
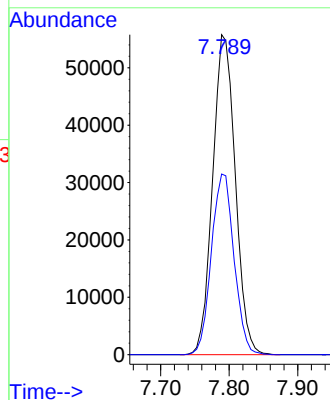
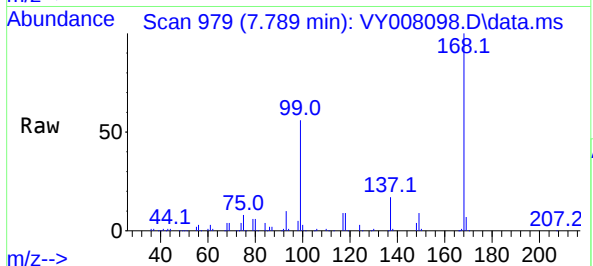




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008098.D
Acq: 29 Mar 2022 19:33

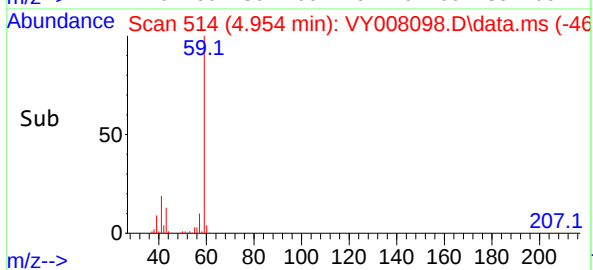
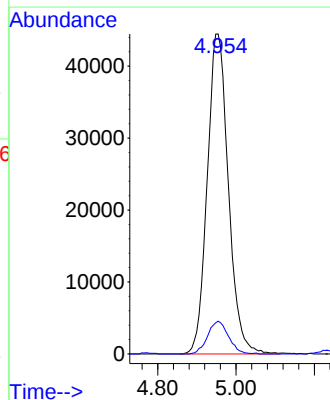
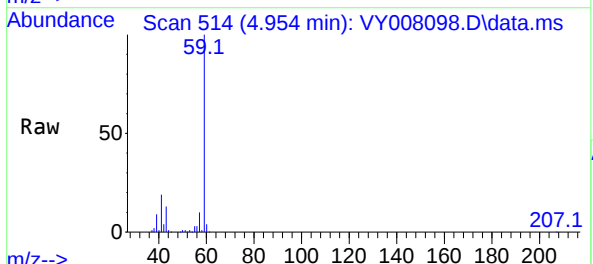
Instrument :
MSVOA_Y
ClientSampleId :
OILY-DEBRIS-DRUM-1

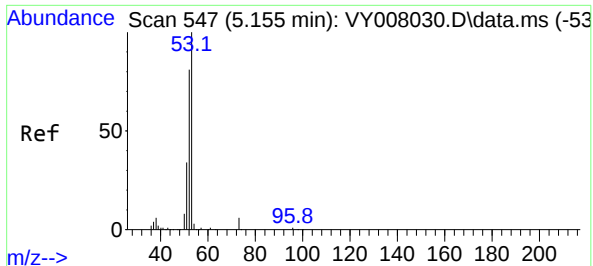
Tgt Ion:168 Resp: 127905
Ion Ratio Lower Upper
168 100
99 56.4 46.9 70.3



#11
Tert butyl alcohol
Concen: 1250.837 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY008098.D
Acq: 29 Mar 2022 19:33

Tgt Ion: 59 Resp: 166541
Ion Ratio Lower Upper
59 100
57 10.1 6.4 9.6#

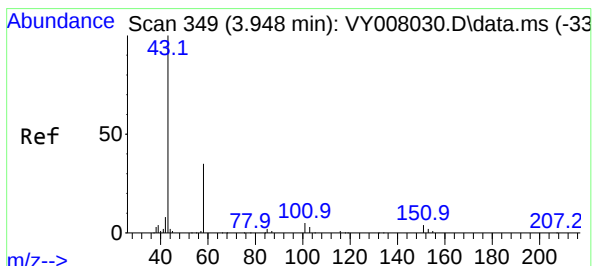
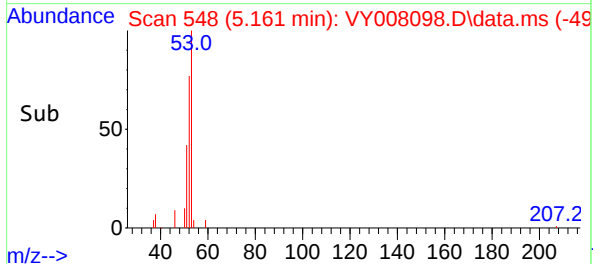
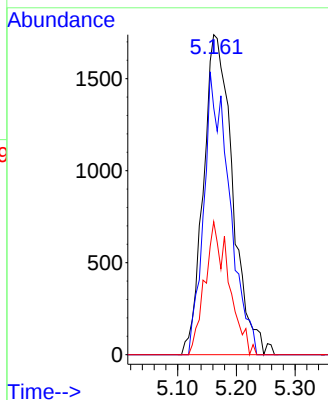
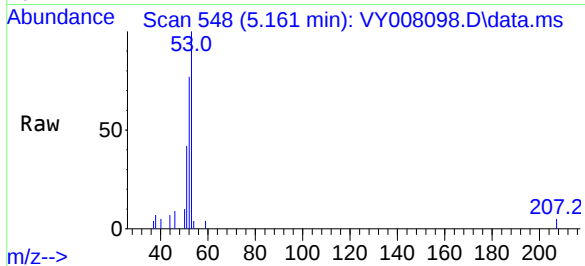




#15
Acrylonitrile
Concen: 16.476 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY008098.D
Acq: 29 Mar 2022 19:33

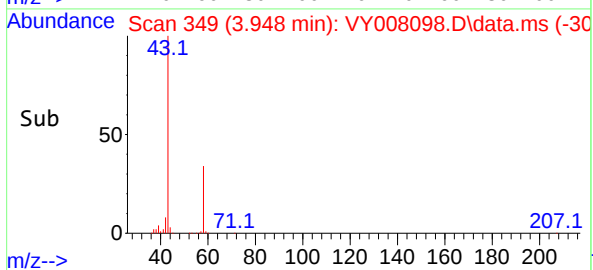
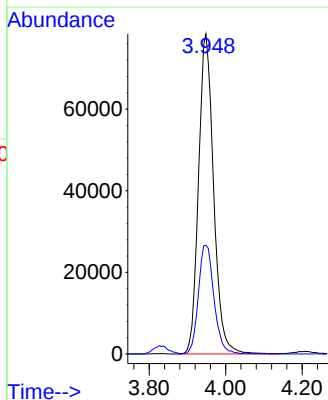
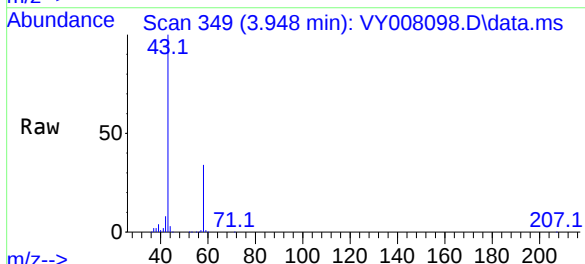
Instrument :
MSVOA_Y
ClientSampleId :
OILY-DEBRIS-DRUM-1

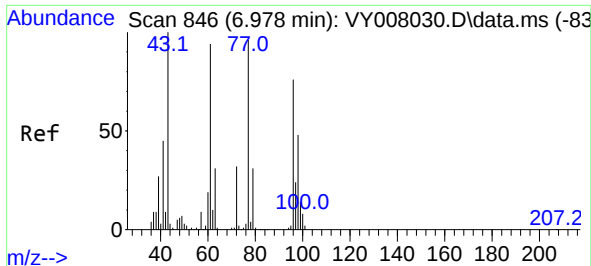
Tgt Ion: 53 Resp: 6006
Ion Ratio Lower Upper
53 100
52 77.5 67.0 100.4
51 34.4 29.8 44.6



#16
Acetone
Concen: 730.966 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008098.D
Acq: 29 Mar 2022 19:33

Tgt Ion: 43 Resp: 214406
Ion Ratio Lower Upper
43 100
58 34.0 22.0 33.0#





#25

2-Butanone

Concen: 179.485 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY008098.D

Acq: 29 Mar 2022 19:33

Instrument :

MSVOA_Y

ClientSampleId :

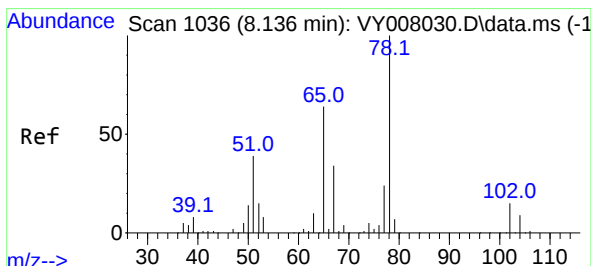
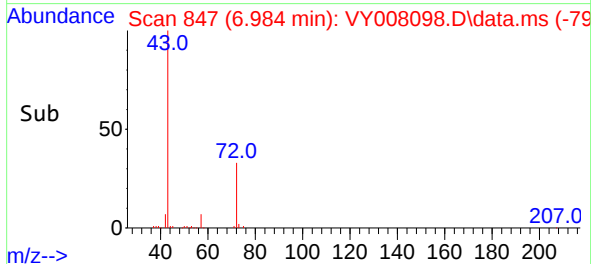
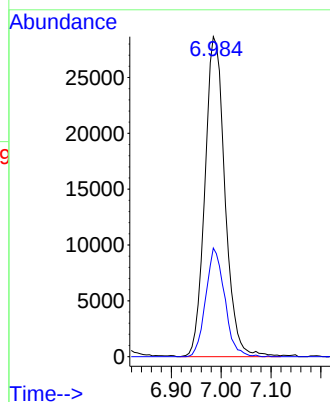
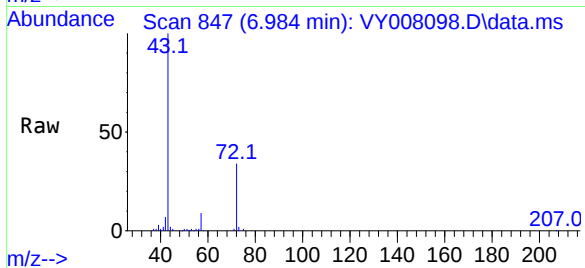
OILY-DEBRIS-DRUM-1

Tgt Ion: 43 Resp: 80116

Ion Ratio Lower Upper

43 100

72 34.0 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 55.923 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY008098.D

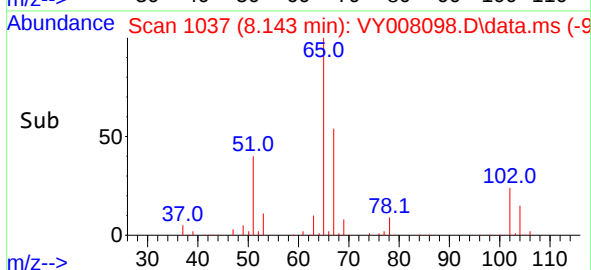
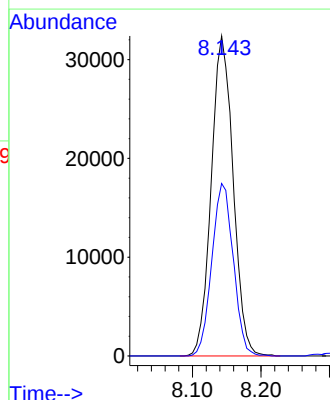
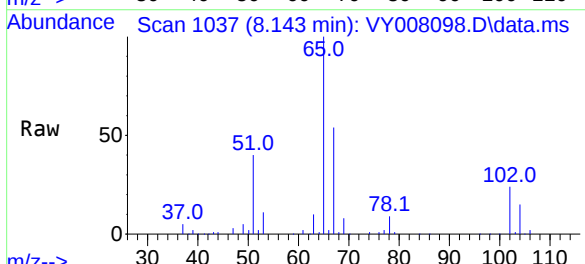
Acq: 29 Mar 2022 19:33

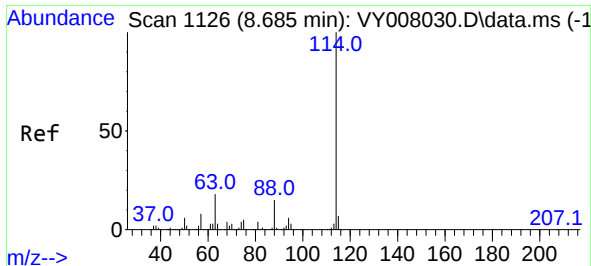
Tgt Ion: 65 Resp: 71764

Ion Ratio Lower Upper

65 100

67 52.9 0.0 99.4

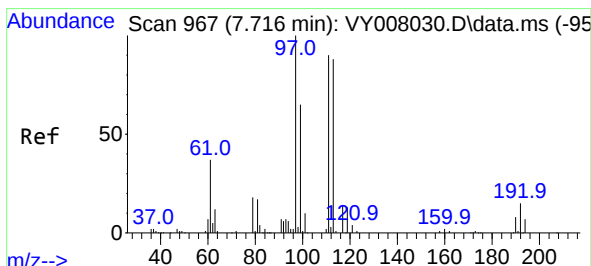
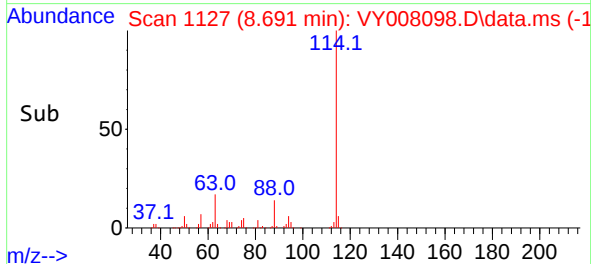
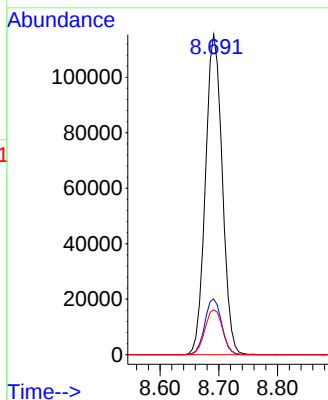
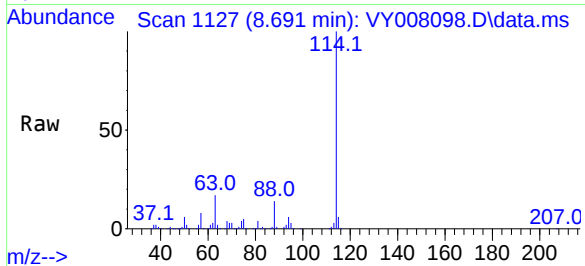




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY008098.D
Acq: 29 Mar 2022 19:33

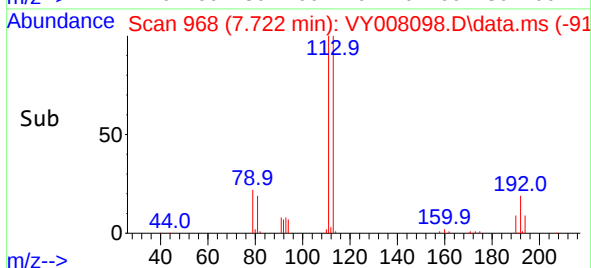
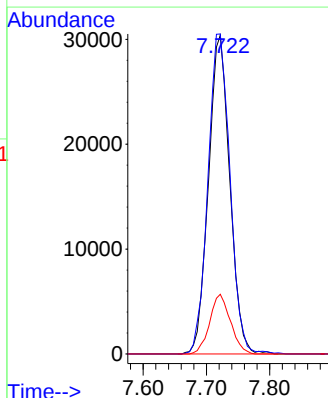
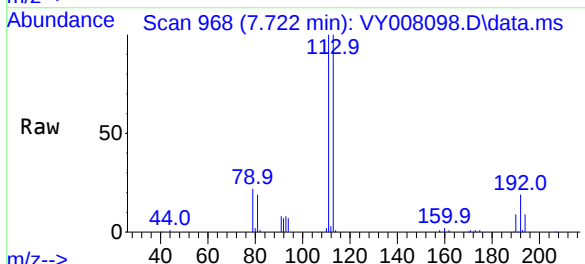
Instrument :
MSVOA_Y
ClientSampleId :
OILY-DEBRIS-DRUM-1

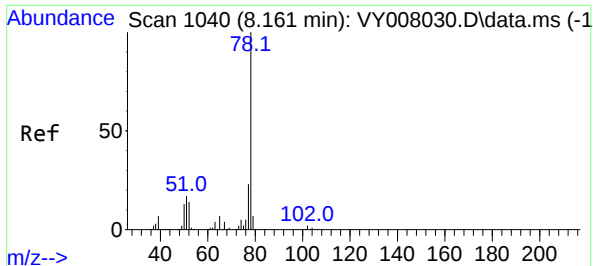
Tgt Ion:114 Resp: 229314
Ion Ratio Lower Upper
114 100
63 17.4 0.0 43.2
88 14.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.421 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY008098.D
Acq: 29 Mar 2022 19:33

Tgt Ion:113 Resp: 71054
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 18.2 17.6 26.4

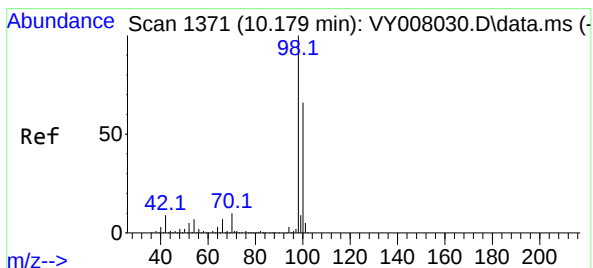
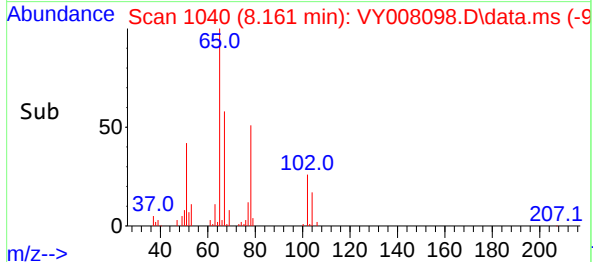
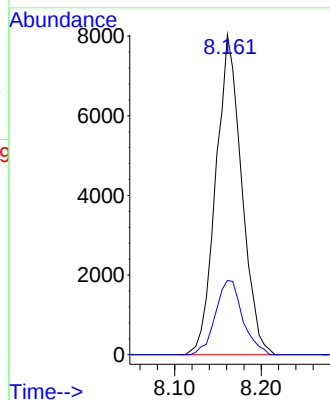
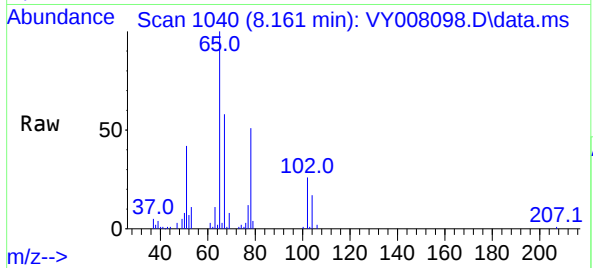




#40
Benzene
Concen: 2.577 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY008098.D
Acq: 29 Mar 2022 19:33

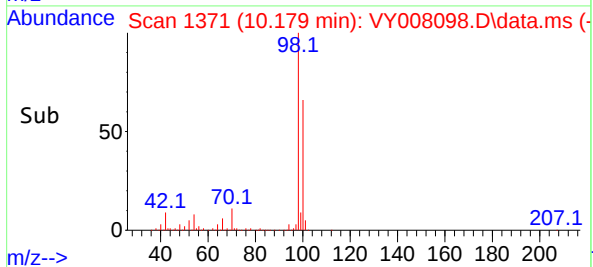
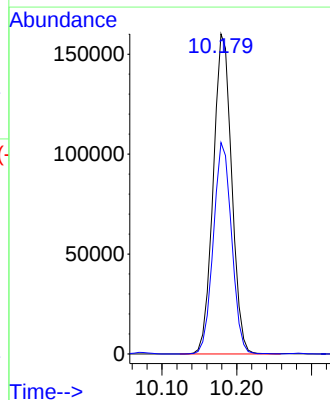
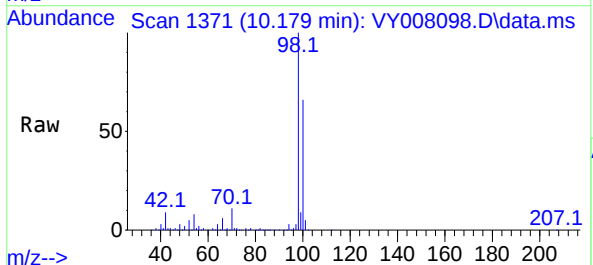
Instrument :
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OILY-DEBRIS-DRUM-1

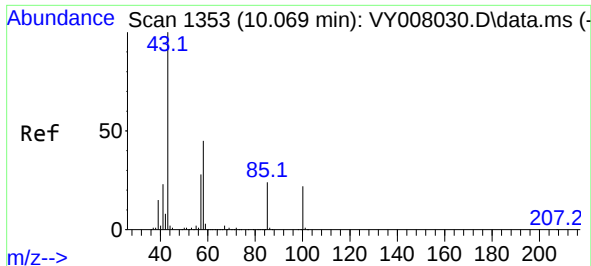
Tgt Ion: 78 Resp: 16645
Ion Ratio Lower Upper
78 100
77 23.2 20.4 30.6



#50
Toluene-d8
Concen: 50.626 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008098.D
Acq: 29 Mar 2022 19:33

Tgt Ion: 98 Resp: 274227
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

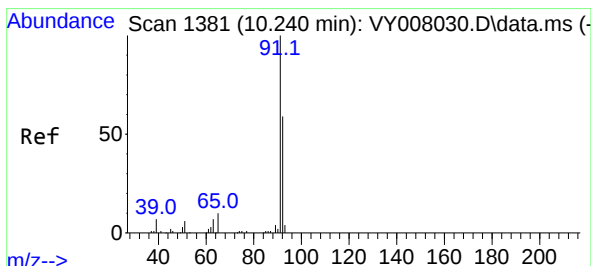
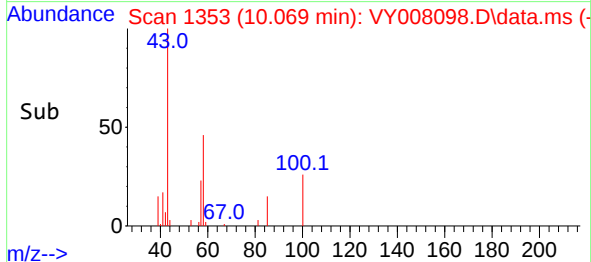
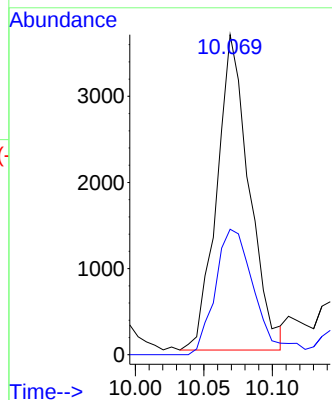
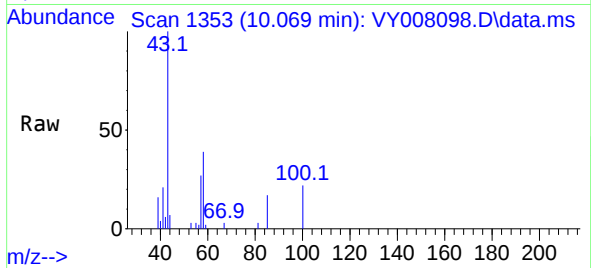




#51
4-Methyl-2-Pentanone
Concen: 5.768 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008098.D
Acq: 29 Mar 2022 19:33

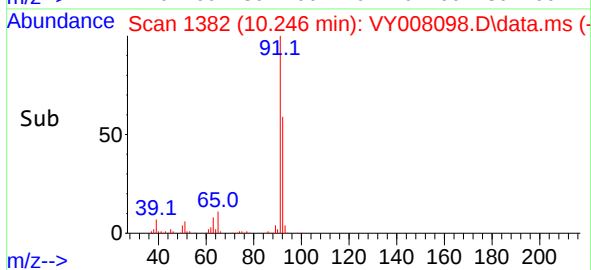
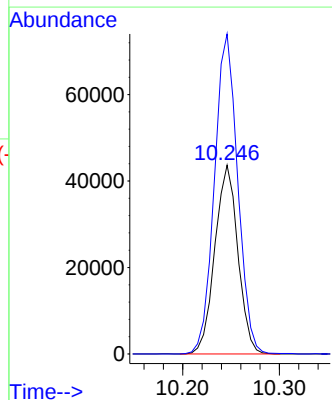
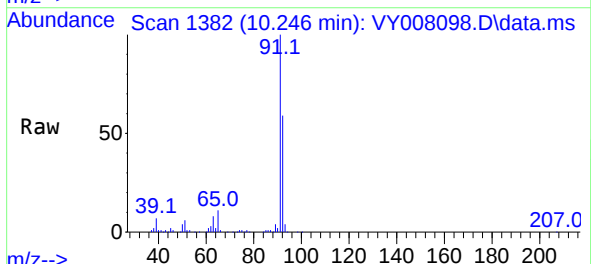
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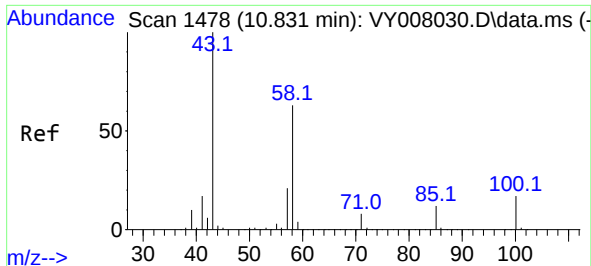
Tgt Ion: 43 Resp: 6025
Ion Ratio Lower Upper
43 100
58 48.3 28.1 42.1#



#52
Toluene
Concen: 16.991 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008098.D
Acq: 29 Mar 2022 19:33

Tgt Ion: 92 Resp: 71986
Ion Ratio Lower Upper
92 100
91 171.6 142.6 213.8

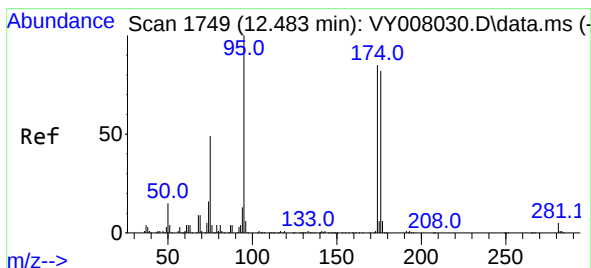
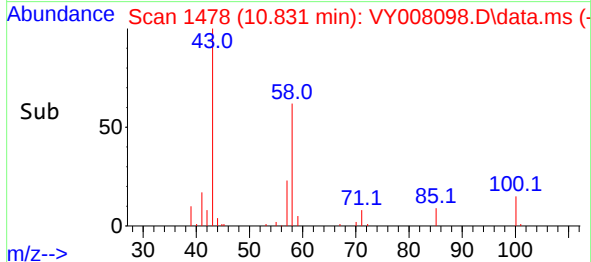
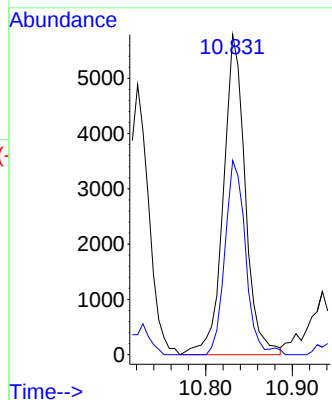
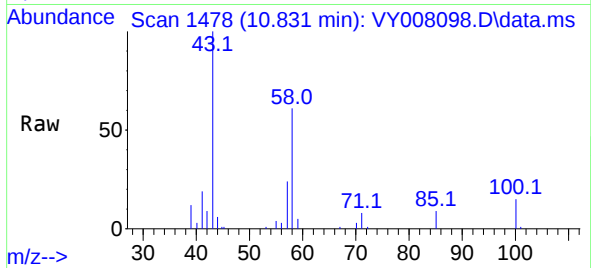




#59
2-Hexanone
Concen: 13.916 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008098.D
Acq: 29 Mar 2022 19:33

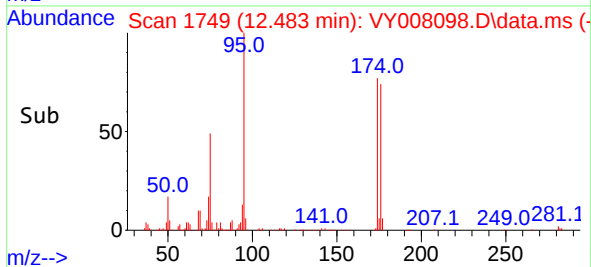
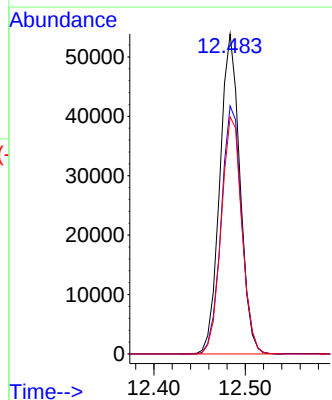
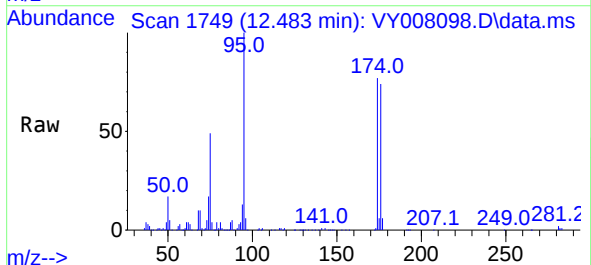
Instrument :
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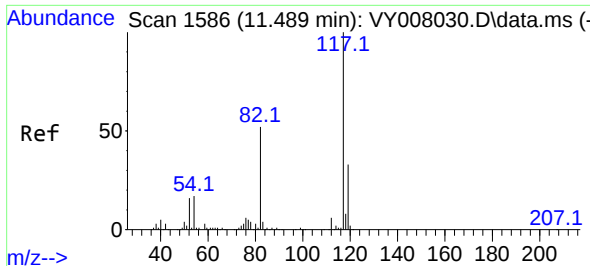
Tgt Ion: 43 Resp: 10172
Ion Ratio Lower Upper
43 100
58 57.1 24.4 73.4



#62
4-Bromofluorobenzene
Concen: 43.036 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008098.D
Acq: 29 Mar 2022 19:33

Tgt Ion: 95 Resp: 82242
Ion Ratio Lower Upper
95 100
174 79.0 0.0 177.0
176 75.9 0.0 175.8

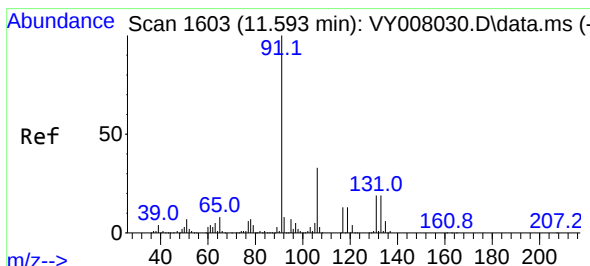
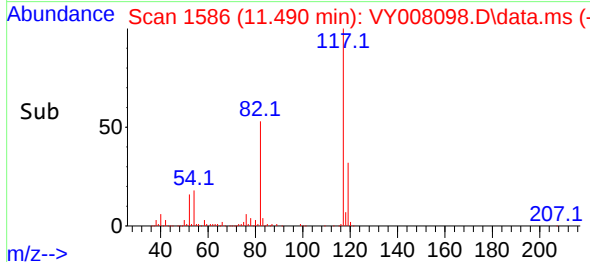
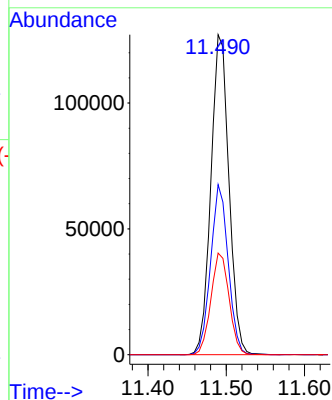
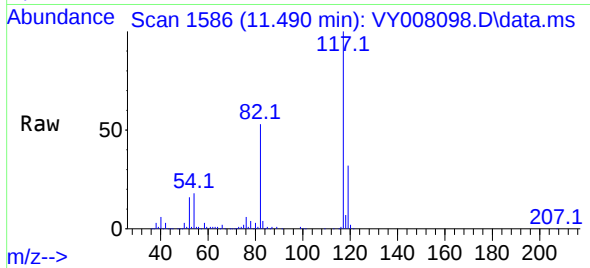




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008098.D
Acq: 29 Mar 2022 19:33

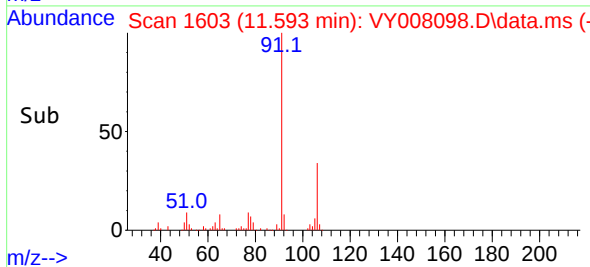
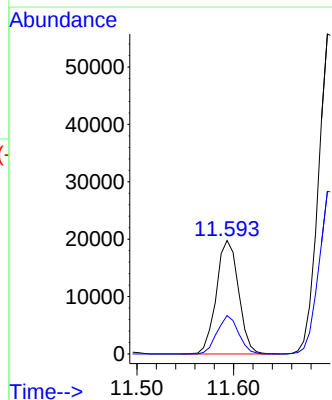
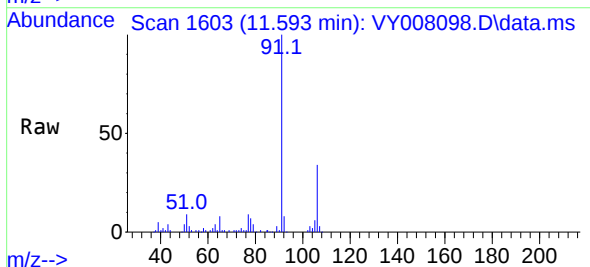
Instrument :
MSVOA_Y
ClientSampleId :
OILY-DEBRIS-DRUM-1

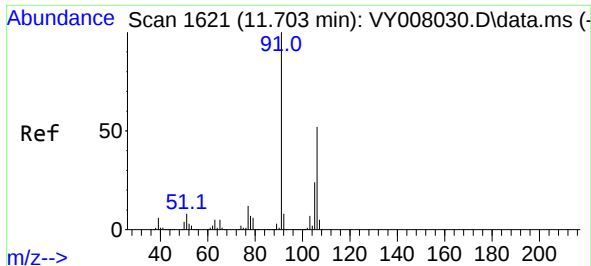
Tgt Ion:117 Resp: 203212
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.8 25.4 38.0



#67
Ethyl Benzene
Concen: 3.931 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008098.D
Acq: 29 Mar 2022 19:33

Tgt Ion: 91 Resp: 31571
Ion Ratio Lower Upper
91 100
106 33.9 24.5 36.7

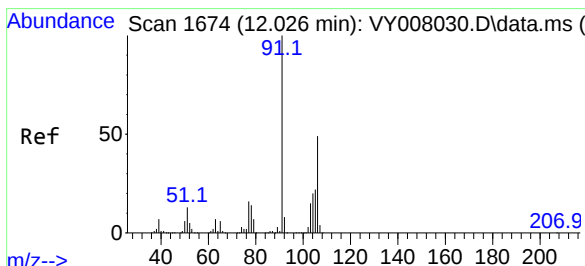
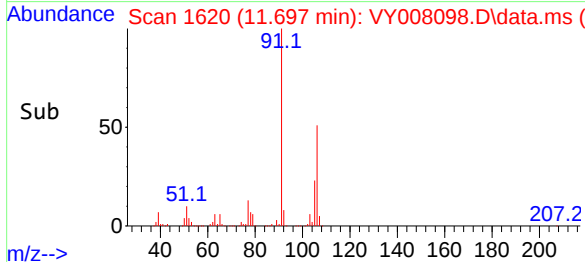
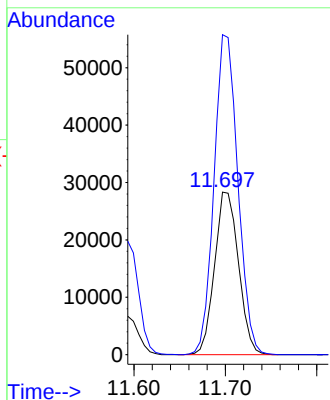
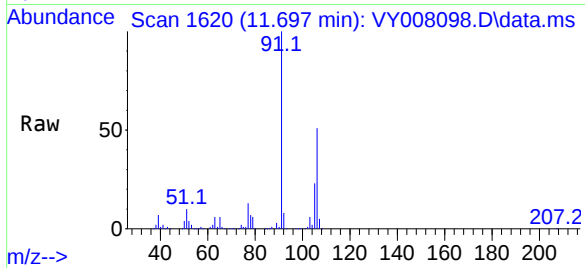




#68
m/p-Xylenes
Concen: 16.147 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY008098.D
Acq: 29 Mar 2022 19:33

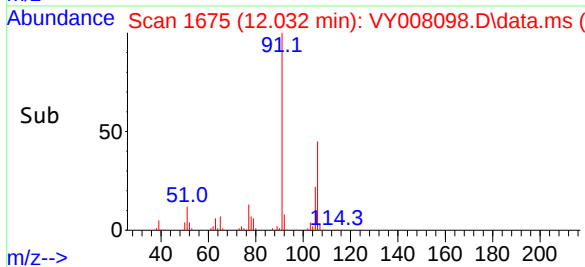
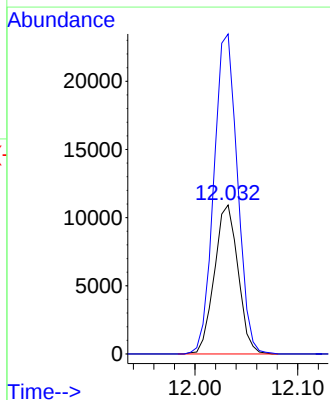
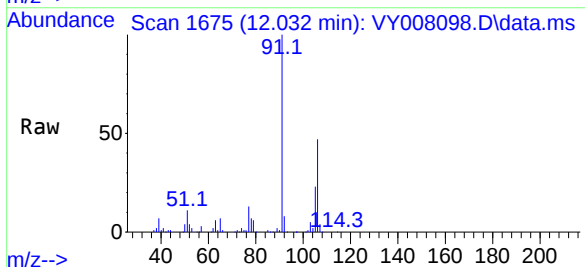
Instrument :
MSVOA_Y
ClientSampleId :
OILY-DEBRIS-DRUM-1

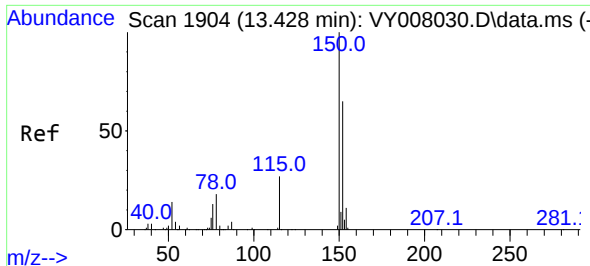
Tgt Ion:106 Resp: 51563
Ion Ratio Lower Upper
106 100
91 195.8 166.6 249.8



#69
o-Xylene
Concen: 5.704 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY008098.D
Acq: 29 Mar 2022 19:33

Tgt Ion:106 Resp: 17439
Ion Ratio Lower Upper
106 100
91 213.8 110.3 331.0

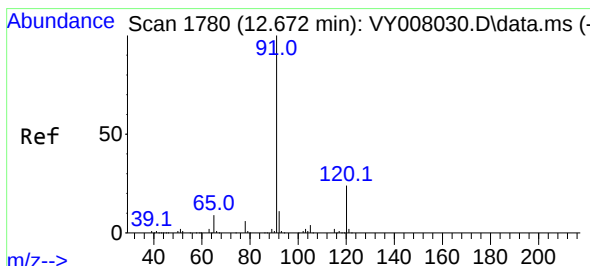
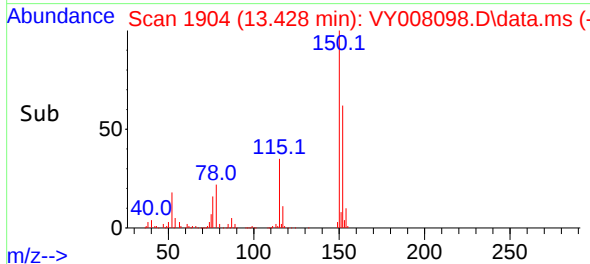
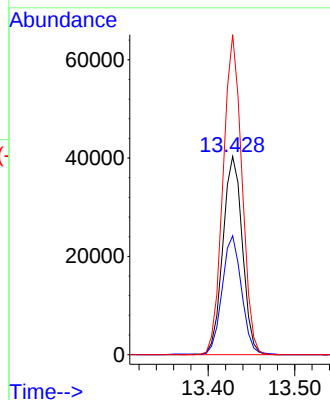
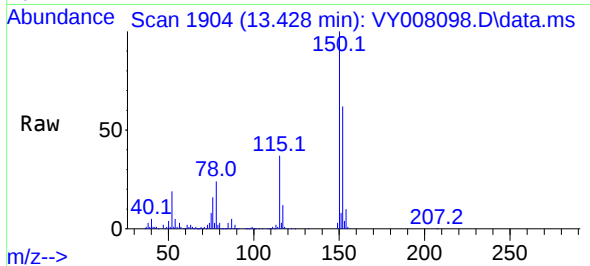




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008098.D
Acq: 29 Mar 2022 19:33

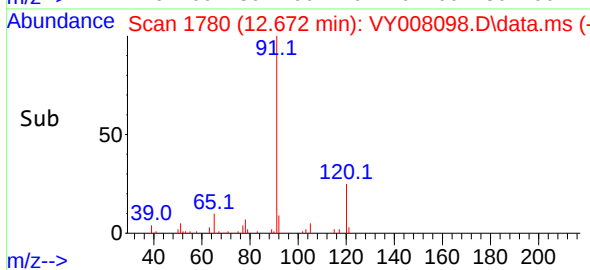
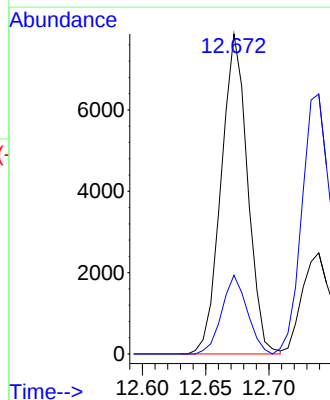
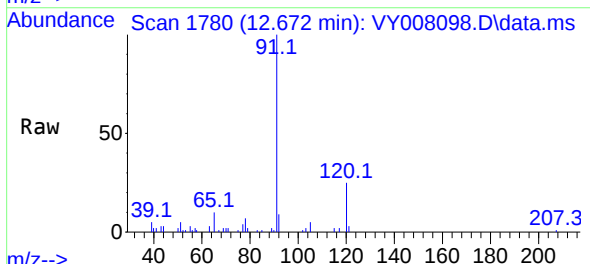
Instrument :
MSVOA_Y
ClientSampleId :
OILY-DEBRIS-DRUM-1

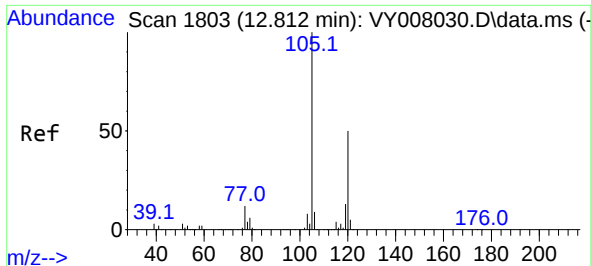
Tgt Ion:152 Resp: 62944
Ion Ratio Lower Upper
152 100
115 60.0 28.2 84.7
150 156.4 0.0 347.6



#78
n-propylbenzene
Concen: 1.865 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008098.D
Acq: 29 Mar 2022 19:33

Tgt Ion: 91 Resp: 11429
Ion Ratio Lower Upper
91 100
120 23.6 11.3 33.9

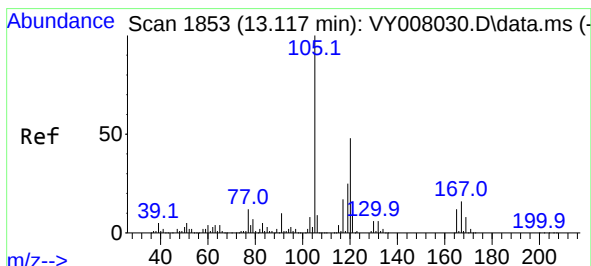
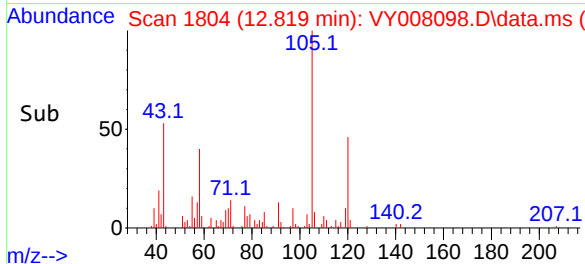
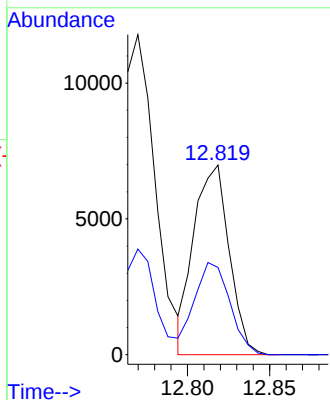
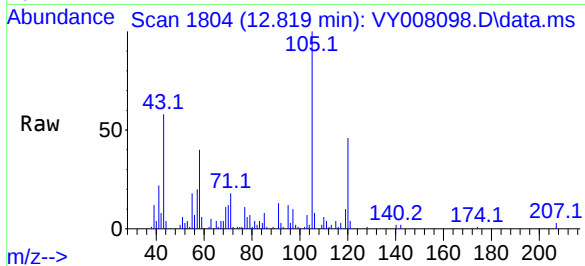




#80
1,3,5-Trimethylbenzene
Concen: 2.447 ug/l
RT: 12.819 min Scan# 1803
Delta R.T. 0.007 min
Lab File: VY008098.D
Acq: 29 Mar 2022 19:33

Instrument :
MSVOA_Y
ClientSampleId :
OILY-DEBRIS-DRUM-1

Tgt Ion:105 Resp: 10415
Ion Ratio Lower Upper
105 100
120 48.7 24.4 73.4



#84
1,2,4-Trimethylbenzene
Concen: 11.272 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008098.D
Acq: 29 Mar 2022 19:33

Tgt Ion:105 Resp: 46719
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.9

