

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011951.D
 Acq On : 21 Dec 2022 16:57
 Operator : KP/MD
 Sample : N6088-01
 Misc : 4.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-27-5B01

Quant Time: Dec 22 00:14:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

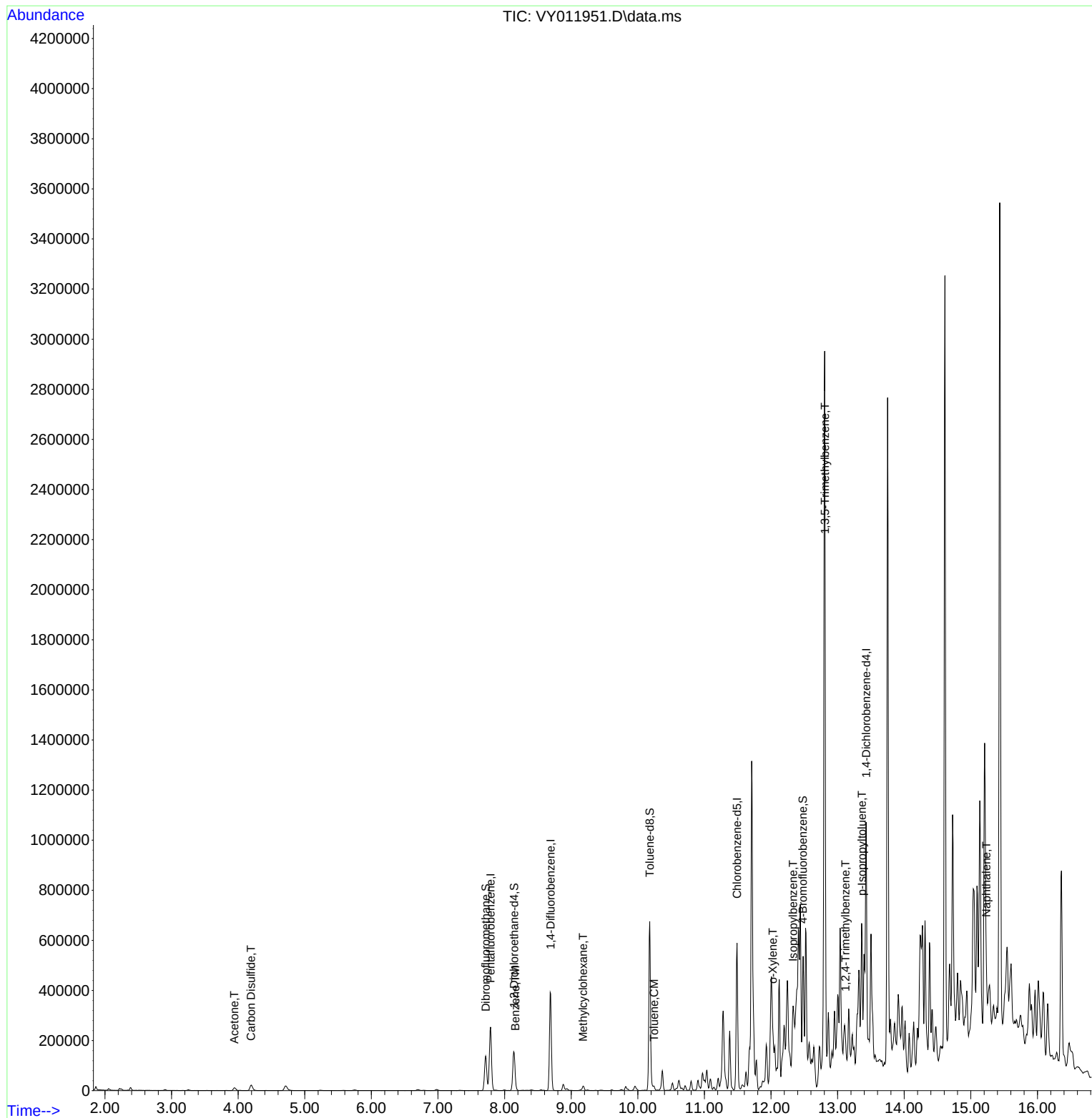
Internal Standards						
1) Pentafluorobenzene	7.789	168	194138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	343594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	316817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	119778	61.239	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.480%
35) Dibromofluoromethane	7.716	113	95393	46.116	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.240%
50) Toluene-d8	10.179	98	417519	49.749	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.500%
62) 4-Bromofluorobenzene	12.477	95	130354	46.182	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.360%
Target Compounds						
						Qvalue
16) Acetone	3.942	43	19058	36.875	ug/l	95
17) Carbon Disulfide	4.192	76	26606	4.541	ug/l	98
39) Methylcyclohexane	9.179	83	7356	1.842	ug/l	96
40) Benzene	8.161	78	13152	1.385	ug/l	95
52) Toluene	10.246	92	6858	1.134	ug/l	98
69) o-Xylene	12.026	106	6623	1.539	ug/l	68
73) Isopropylbenzene	12.331	105	13731	1.620	ug/l	75
80) 1,3,5-Trimethylbenzene	12.812	105	40610	5.595	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	45863	6.423	ug/l	96
86) p-Isopropyltoluene	13.367	119	23222	2.996	ug/l	96
95) Naphthalene	15.233	128	115498	28.705	ug/l #	89

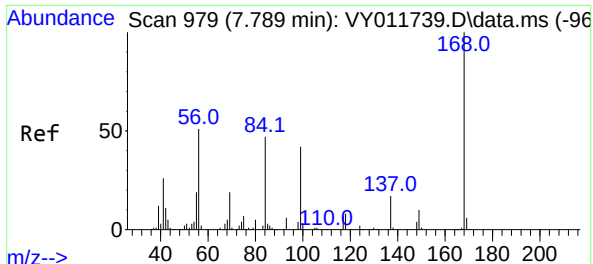
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
Data File : VY011951.D
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Quant Time: Dec 22 00:14:30 2022
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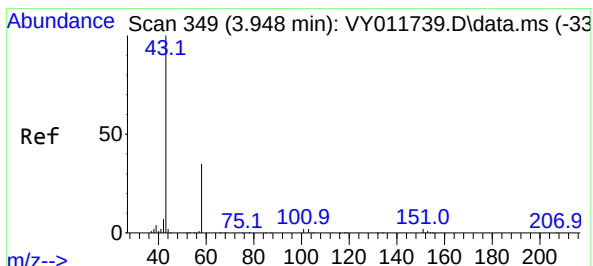
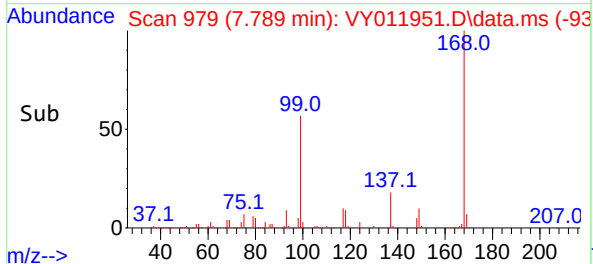
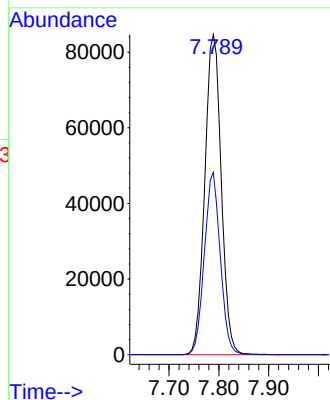
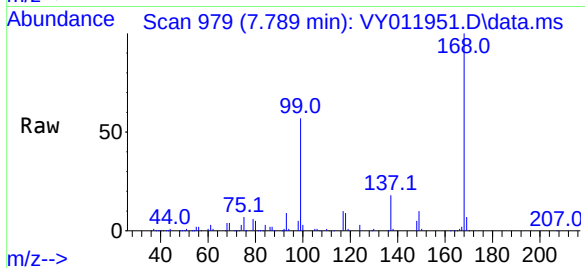




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011951.D
Acq: 21 Dec 2022 16:57

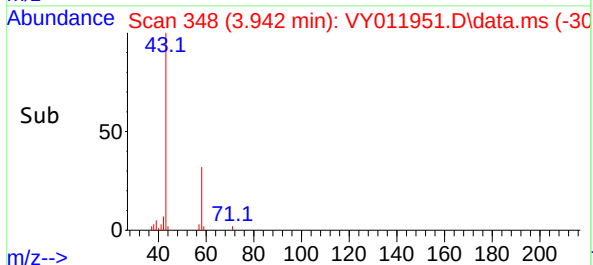
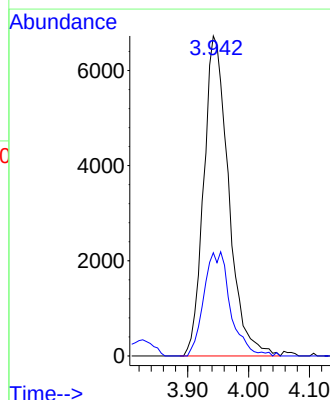
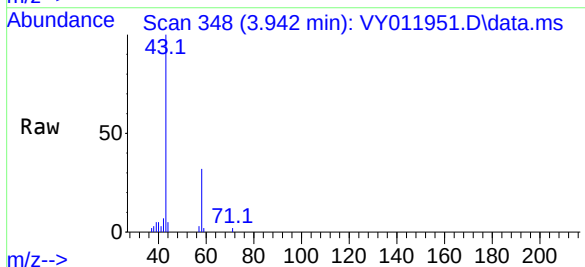
Instrument :
MSVOA_Y
ClientSampleId :
B-27-5B01

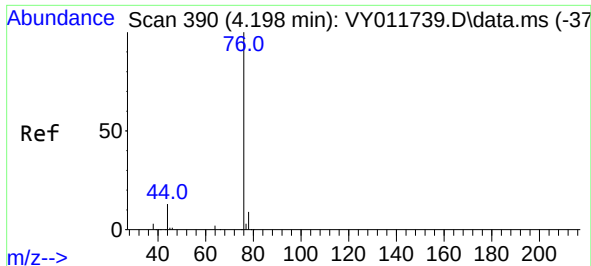
Tgt Ion:168 Resp: 194138
Ion Ratio Lower Upper
168 100
99 57.0 44.0 66.0



#16
Acetone
Concen: 36.875 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011951.D
Acq: 21 Dec 2022 16:57

Tgt Ion: 43 Resp: 19058
Ion Ratio Lower Upper
43 100
58 32.2 27.9 41.9

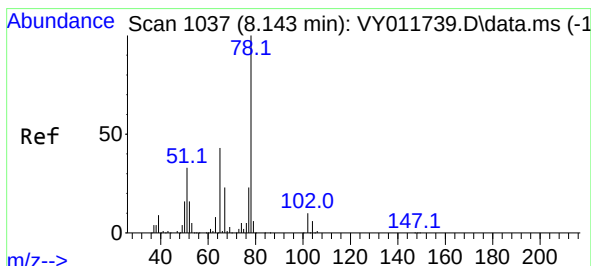
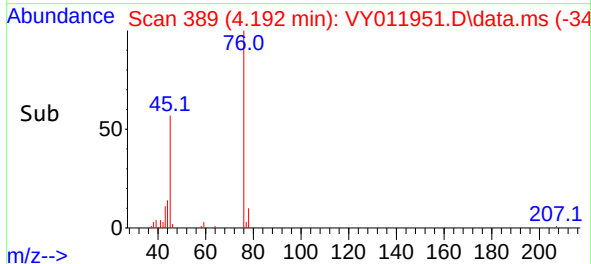
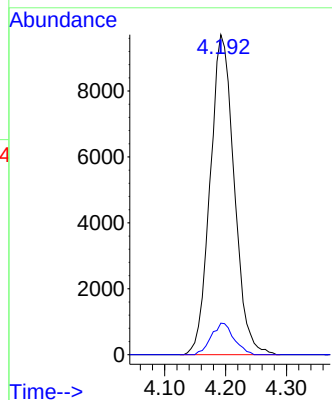
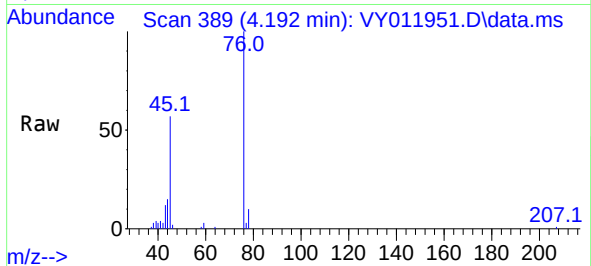




#17
Carbon Disulfide
Concen: 4.541 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY011951.D
Acq: 21 Dec 2022 16:57

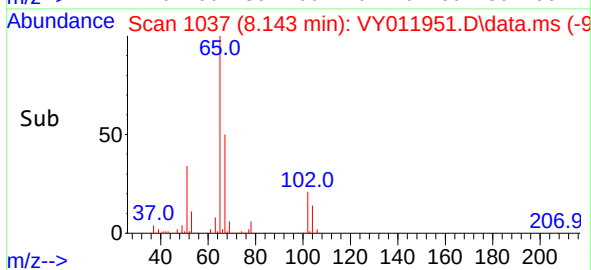
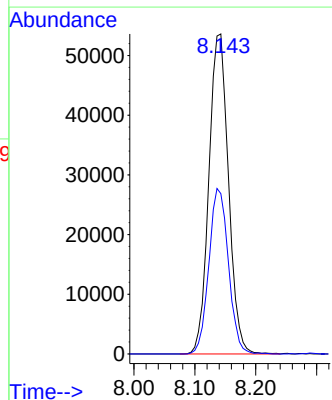
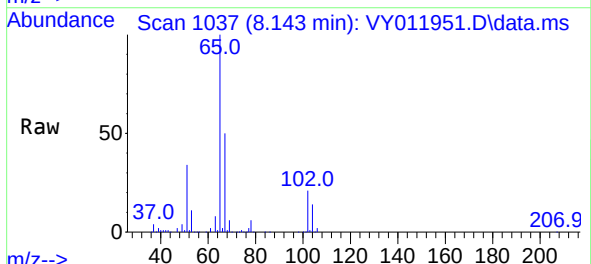
Instrument :
MSVOA_Y
ClientSampleId :
B-27-5B01

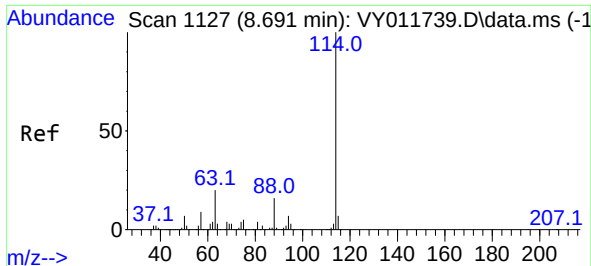
Tgt Ion: 76 Resp: 26606
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8



#33
1,2-Dichloroethane-d4
Concen: 61.239 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011951.D
Acq: 21 Dec 2022 16:57

Tgt Ion: 65 Resp: 119778
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011951.D

Acq: 21 Dec 2022 16:57

Instrument :

MSVOA_Y

ClientSampleId :

B-27-5B01

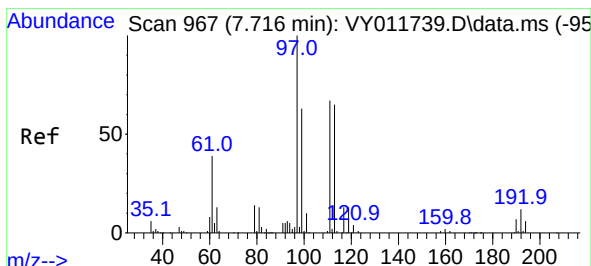
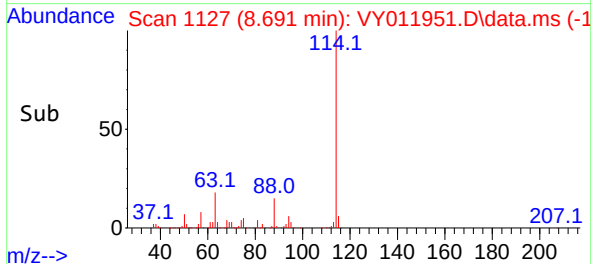
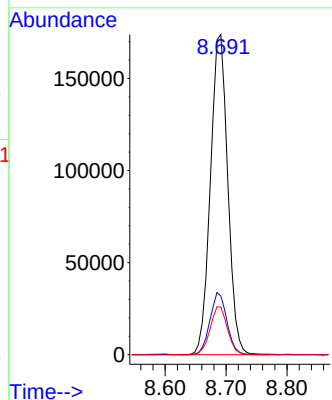
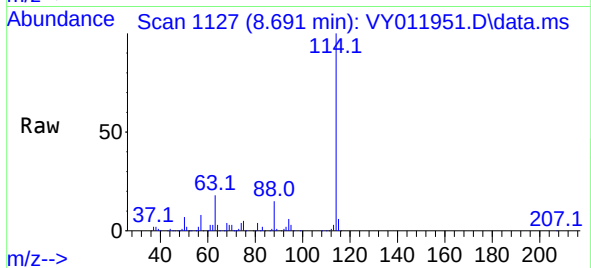
Tgt Ion:114 Resp: 343594

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 14.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.116 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011951.D

Acq: 21 Dec 2022 16:57

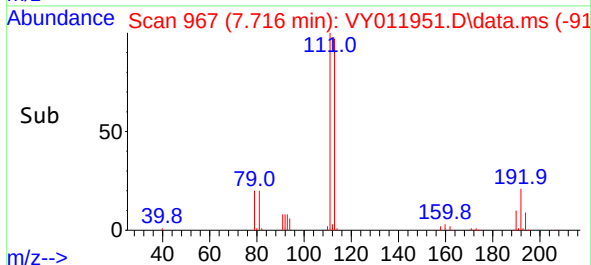
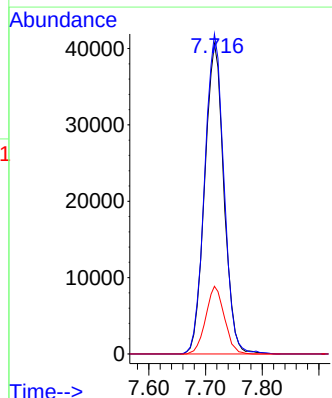
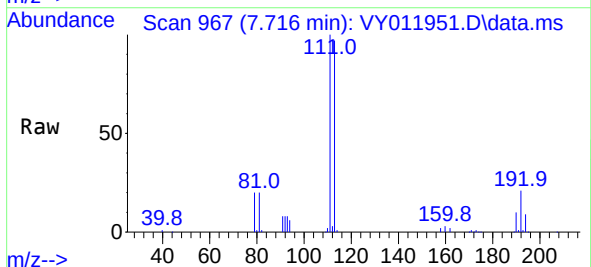
Tgt Ion:113 Resp: 95393

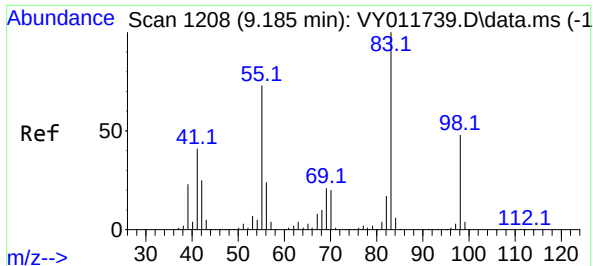
Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.4

192 21.2 16.0 24.0





#39

Methylcyclohexane

Concen: 1.842 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011951.D

Acq: 21 Dec 2022 16:57

Instrument :

MSVOA_Y

ClientSampleId :

B-27-5B01

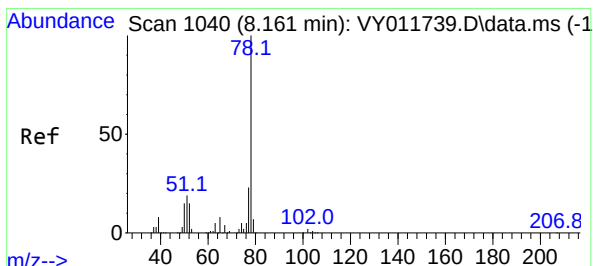
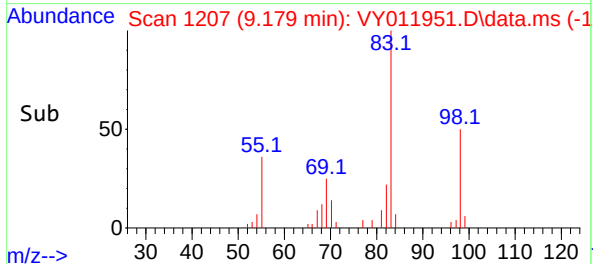
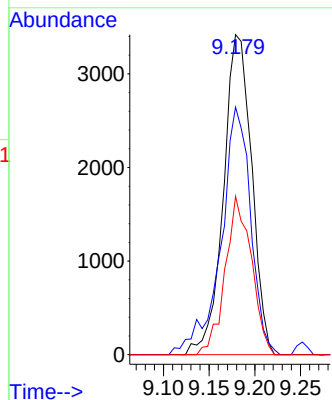
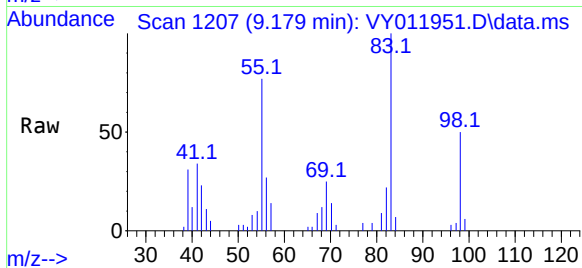
Tgt Ion: 83 Resp: 7356

Ion Ratio Lower Upper

83 100

55 77.4 58.2 87.2

98 49.5 38.6 58.0



#40

Benzene

Concen: 1.385 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011951.D

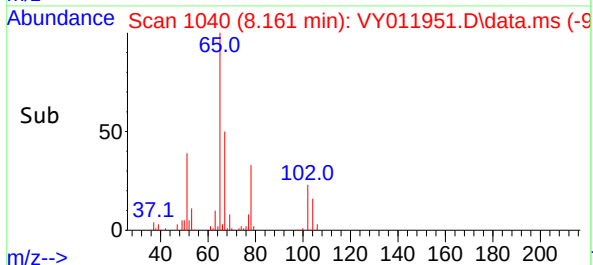
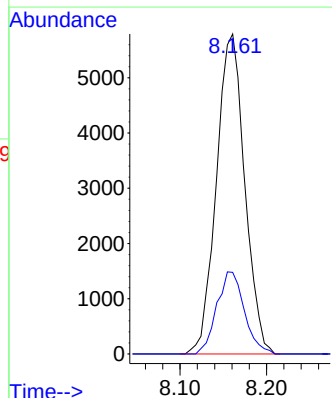
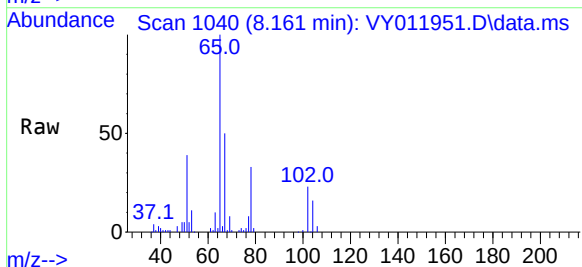
Acq: 21 Dec 2022 16:57

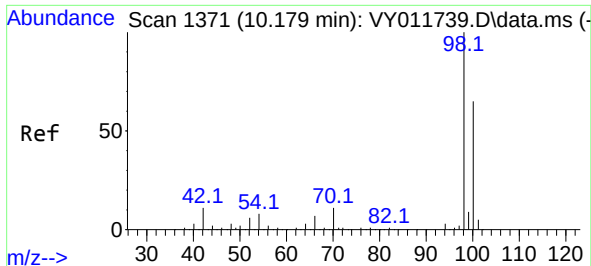
Tgt Ion: 78 Resp: 13152

Ion Ratio Lower Upper

78 100

77 25.5 18.6 27.8

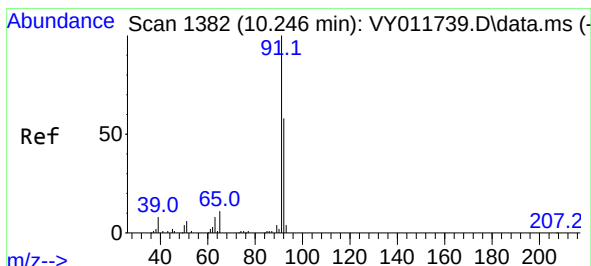
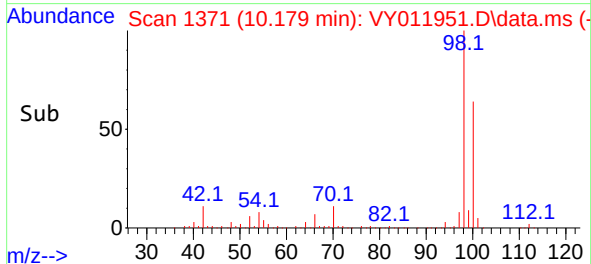
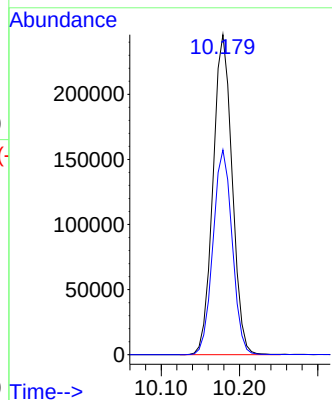
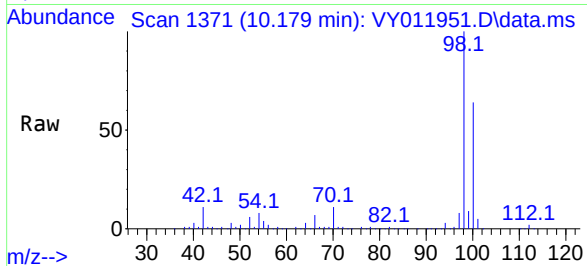




#50
Toluene-d8
Concen: 49.749 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011951.D
Acq: 21 Dec 2022 16:57

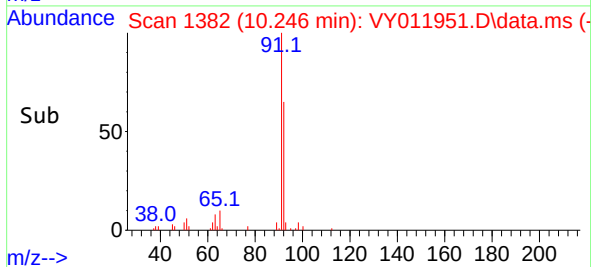
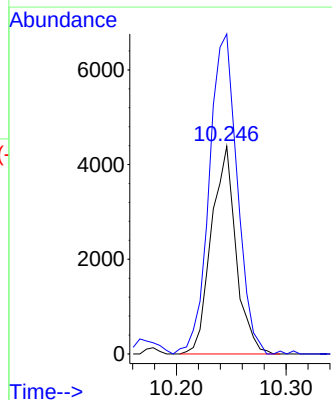
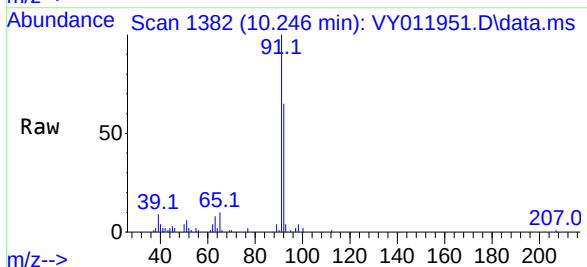
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MSVOA_Y
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B-27-5B01

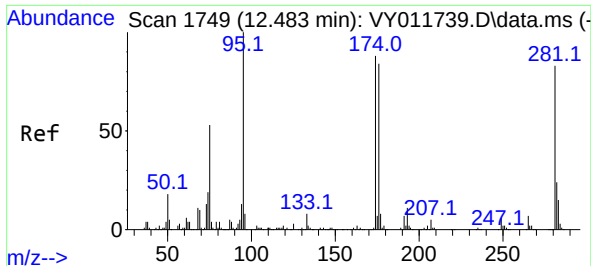
Tgt Ion: 98 Resp: 417519
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#52
Toluene
Concen: 1.134 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011951.D
Acq: 21 Dec 2022 16:57

Tgt Ion: 92 Resp: 6858
Ion Ratio Lower Upper
92 100
91 174.7 137.4 206.0

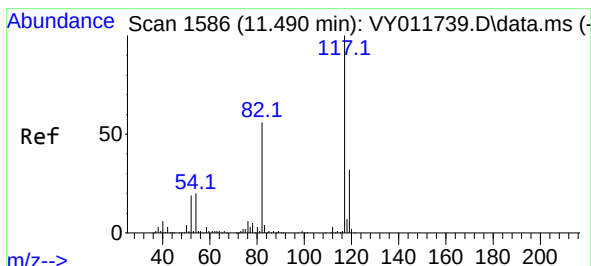
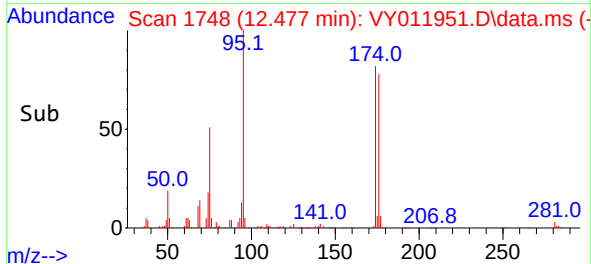
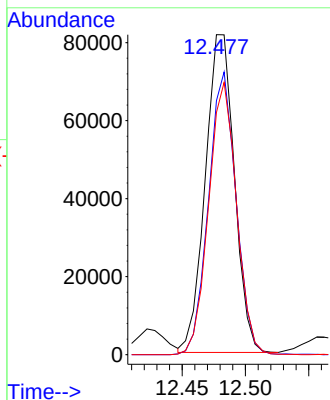
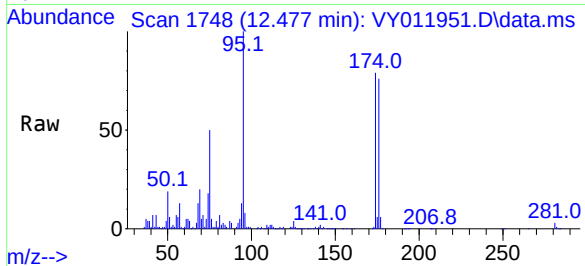




#62
4-Bromofluorobenzene
Concen: 46.182 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011951.D
Acq: 21 Dec 2022 16:57

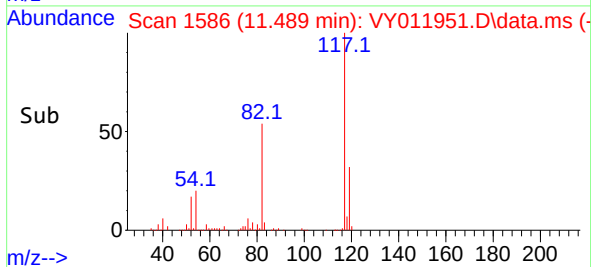
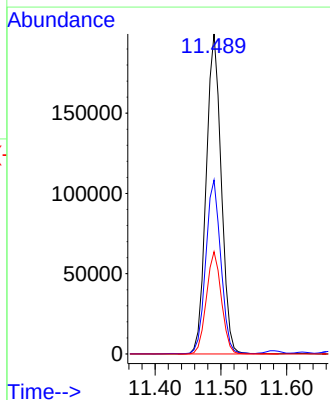
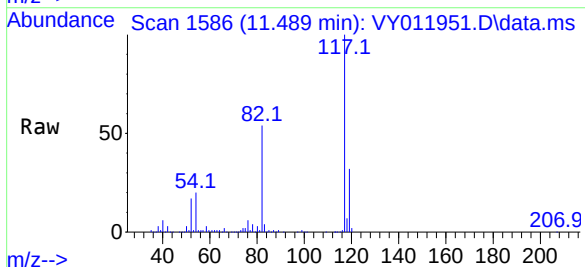
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ClientSampleId :
B-27-5B01

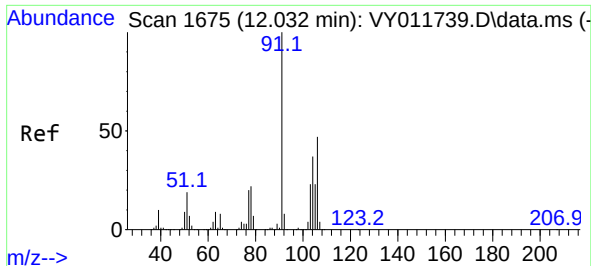
Tgt Ion: 95 Resp: 130354
Ion Ratio Lower Upper
95 100
174 84.5 0.0 172.0
176 82.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011951.D
Acq: 21 Dec 2022 16:57

Tgt Ion: 117 Resp: 316817
Ion Ratio Lower Upper
117 100
82 54.2 44.8 67.2
119 31.9 25.4 38.2

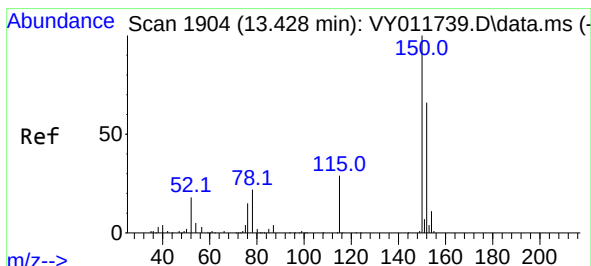
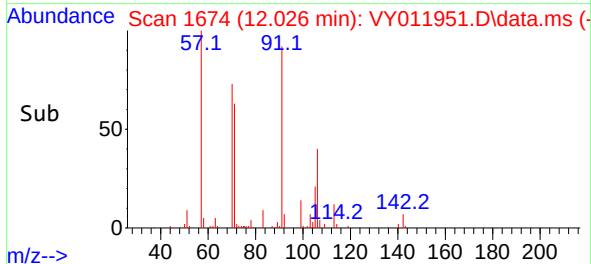
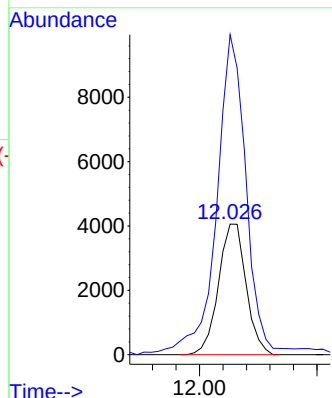
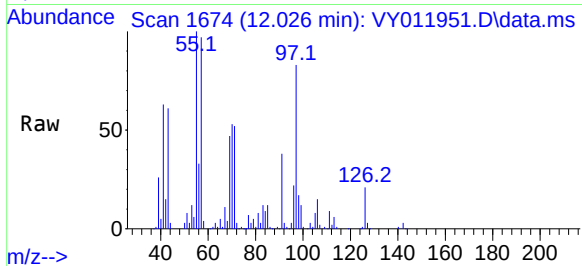




#69
o-Xylene
Concen: 1.539 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY011951.D
Acq: 21 Dec 2022 16:57

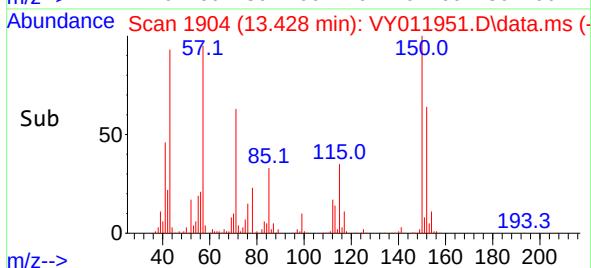
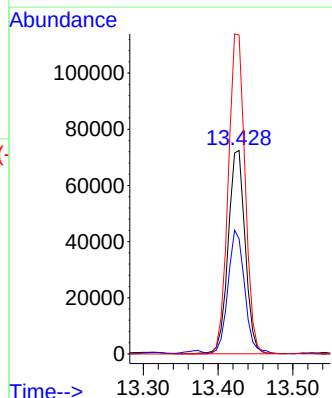
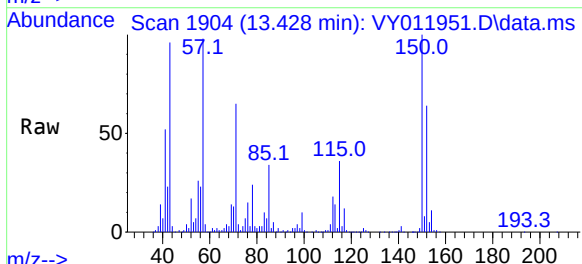
Instrument :
MSVOA_Y
ClientSampleId :
B-27-5B01

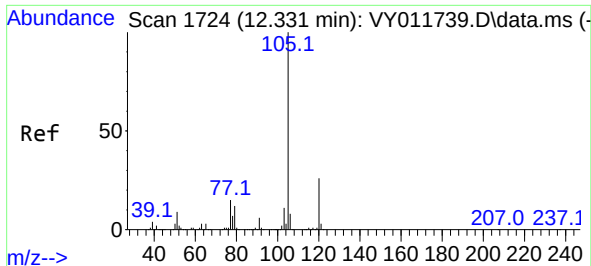
Tgt Ion:106 Resp: 6623
Ion Ratio Lower Upper
106 100
91 266.2 107.5 322.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011951.D
Acq: 21 Dec 2022 16:57

Tgt Ion:152 Resp: 114239
Ion Ratio Lower Upper
152 100
115 59.8 29.1 87.3
150 155.9 0.0 342.6

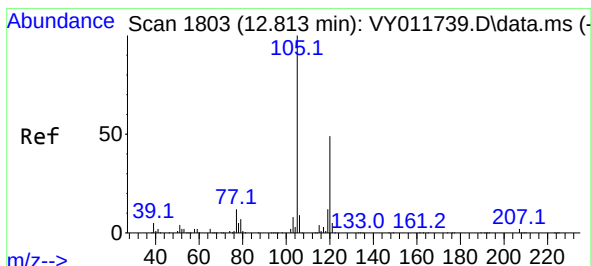
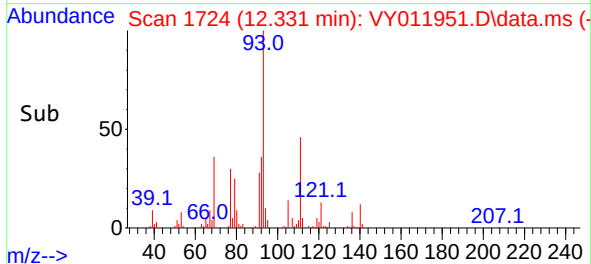
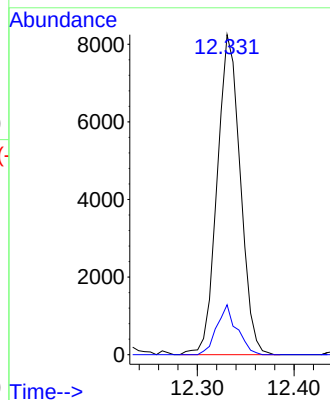
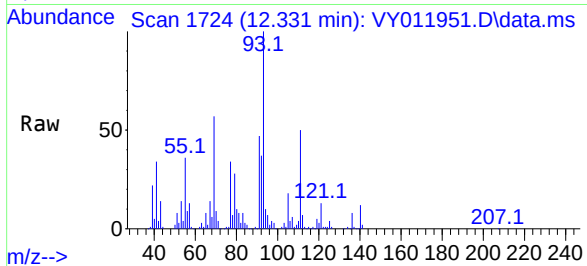




#73
Isopropylbenzene
Concen: 1.620 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011951.D
Acq: 21 Dec 2022 16:57

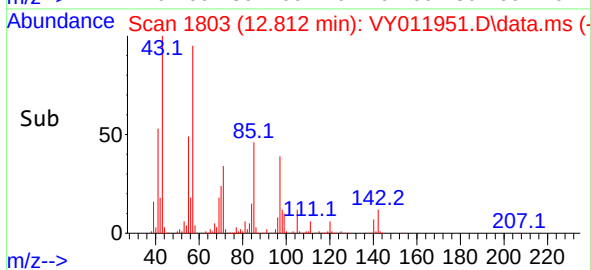
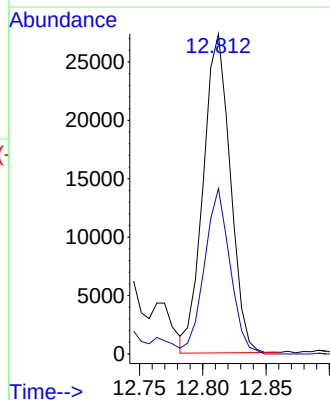
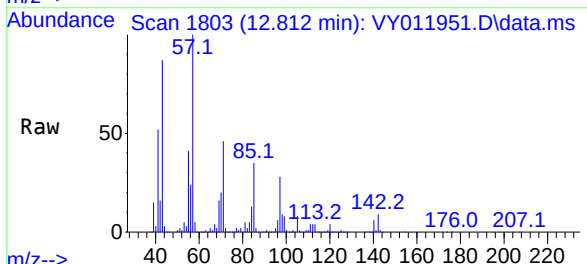
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MSVOA_Y
ClientSampleId :
B-27-5B01

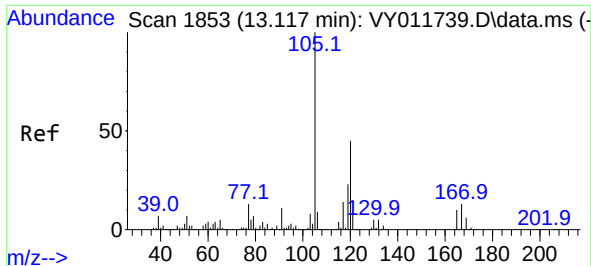
Tgt Ion:105 Resp: 13731
Ion Ratio Lower Upper
105 100
120 13.6 13.2 39.6



#80
1,3,5-Trimethylbenzene
Concen: 5.595 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY011951.D
Acq: 21 Dec 2022 16:57

Tgt Ion:105 Resp: 40610
Ion Ratio Lower Upper
105 100
120 49.2 24.2 72.6

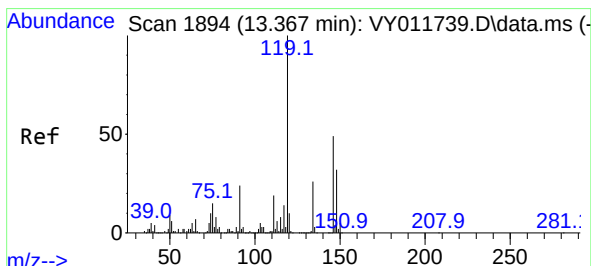
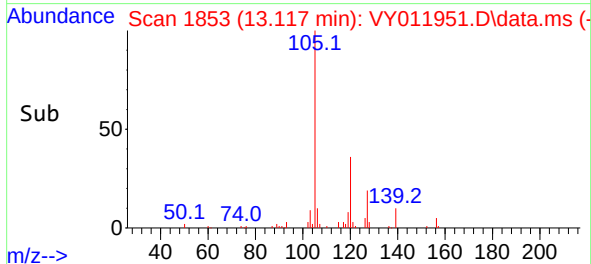
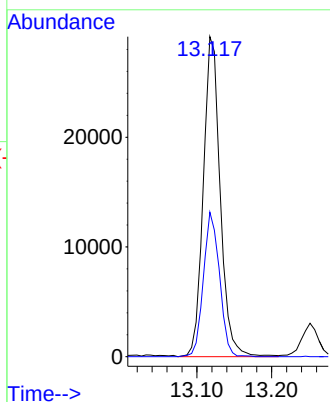
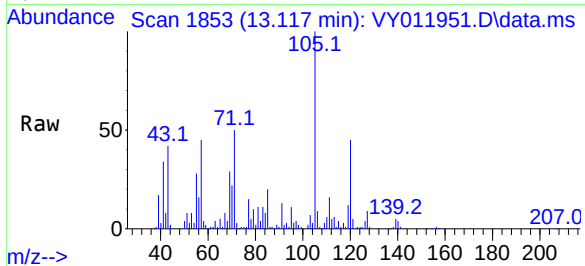




#84
1,2,4-Trimethylbenzene
Concen: 6.423 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY011951.D
Acq: 21 Dec 2022 16:57

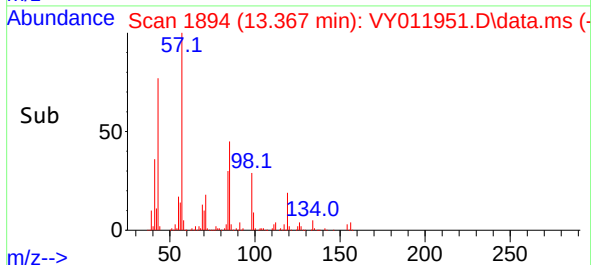
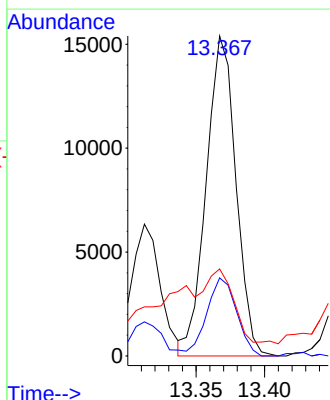
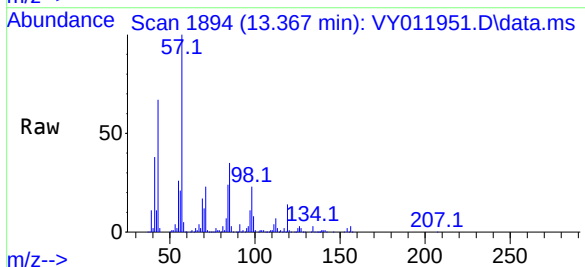
Instrument :
MSVOA_Y
ClientSampleId :
B-27-5B01

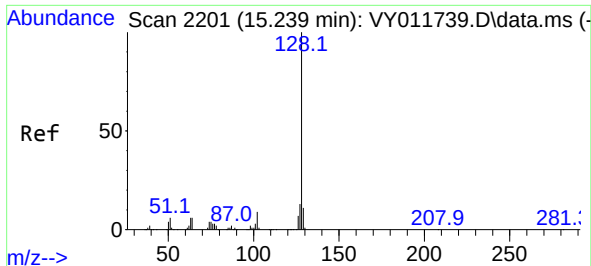
Tgt Ion:105 Resp: 45863
Ion Ratio Lower Upper
105 100
120 42.9 22.9 68.7



#86
p-Isopropyltoluene
Concen: 2.996 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY011951.D
Acq: 21 Dec 2022 16:57

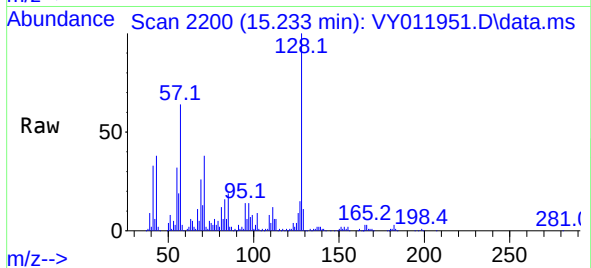
Tgt Ion:119 Resp: 23222
Ion Ratio Lower Upper
119 100
134 24.3 13.0 39.0
91 22.0 11.9 35.9





#95
Naphthalene
Concen: 28.705 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY011951.D
Acq: 21 Dec 2022 16:57

Instrument :
MSVOA_Y
ClientSampleId :
B-27-5B01



Tgt Ion:128 Resp: 115498
Ion Ratio Lower Upper
128 100
127 20.4 10.2 15.2#
129 10.8 8.8 13.2

