

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
 Data File : VY007619.D
 Acq On : 24 Feb 2022 15:29
 Operator : SY/MD
 Sample : N1634-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20071

Quant Time: Feb 25 05:42:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

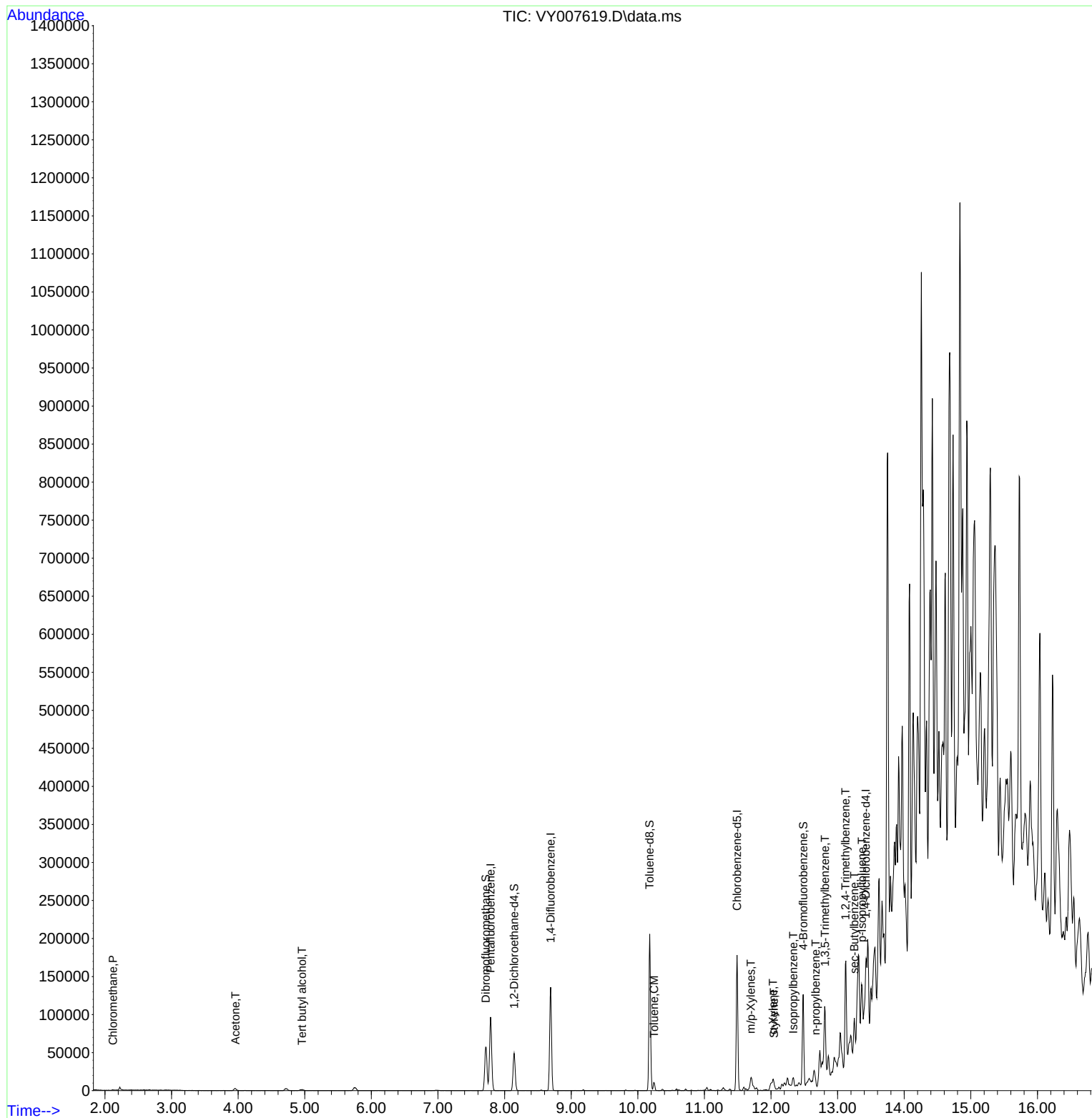
Internal Standards						
1) Pentafluorobenzene	7.789	168	72797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	116686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	94656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	23114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	39415	48.670	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.340%
35) Dibromofluoromethane	7.716	113	36884	50.096	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.200%
50) Toluene-d8	10.179	98	128282	47.312	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.620%
62) 4-Bromofluorobenzene	12.483	95	29913	32.131	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.260%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	383	1.178	ug/l	91
11) Tert butyl alcohol	4.960	59	3195	39.172	ug/l	98
16) Acetone	3.960	43	4902	26.579	ug/l #	89
52) Toluene	10.246	92	4405	2.133	ug/l	94
68) m/p-Xylenes	11.697	106	4078	3.009	ug/l	90
69) o-Xylene	12.032	106	2313	1.735	ug/l	96
70) Styrene	12.044	104	2680	1.202	ug/l	96
73) Isopropylbenzene	12.337	105	2852	1.602	ug/l	84
78) n-propylbenzene	12.672	91	6192	3.011	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	12201	8.056	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	67956	45.776	ug/l	96
85) sec-Butylbenzene	13.251	105	10241	5.355	ug/l #	67
86) p-Isopropyltoluene	13.367	119	20955	12.749	ug/l	96

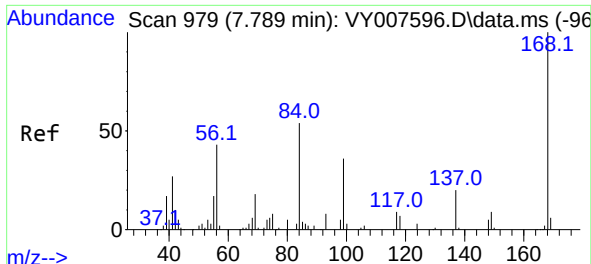
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
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20071

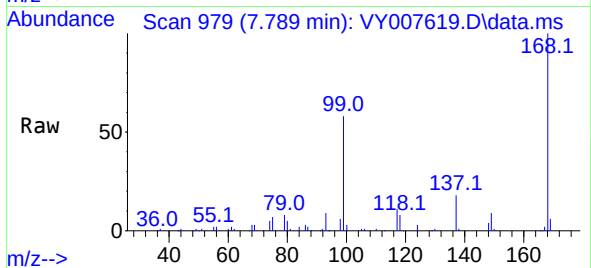
Quant Time: Feb 25 05:42:36 2022
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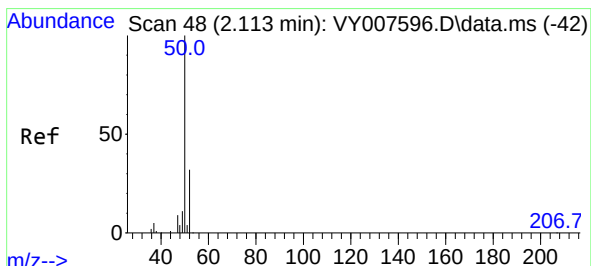
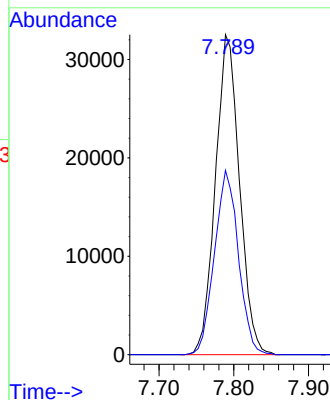
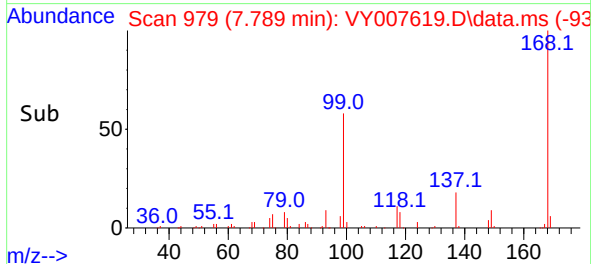


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007619.D
Acq: 24 Feb 2022 15:29

Instrument :
MSVOA_Y
ClientSampleId :
20071

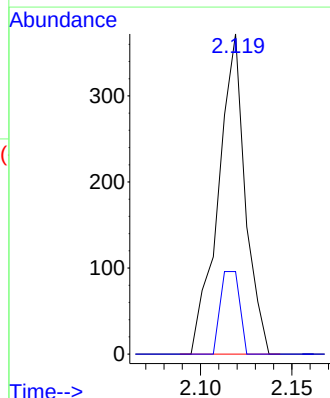
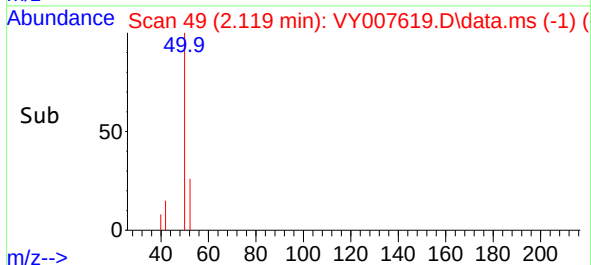
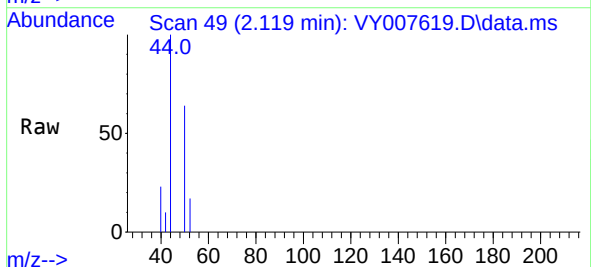


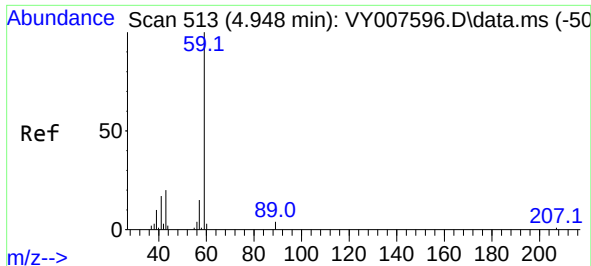
Tgt Ion:168 Resp: 72797
Ion Ratio Lower Upper
168 100
99 57.6 46.9 70.3



#3
Chloromethane
Concen: 1.178 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007619.D
Acq: 24 Feb 2022 15:29

Tgt Ion: 50 Resp: 383
Ion Ratio Lower Upper
50 100
52 25.8 24.6 37.0





#11

Tert butyl alcohol

Concen: 39.172 ug/l

RT: 4.960 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY007619.D

Acq: 24 Feb 2022 15:29

Instrument :

MSVOA_Y

ClientSampleId :

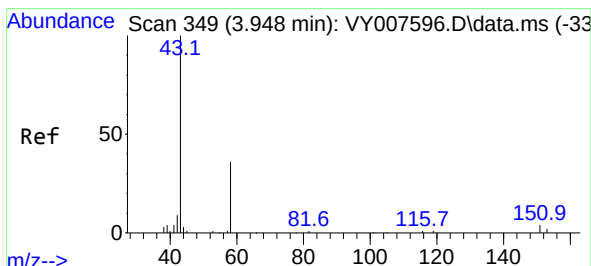
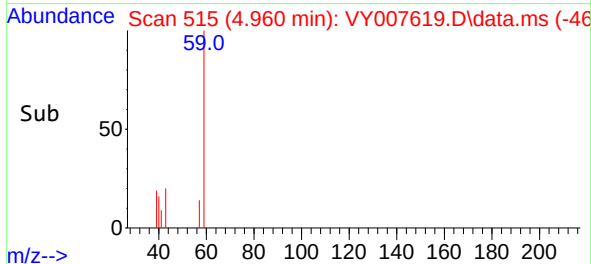
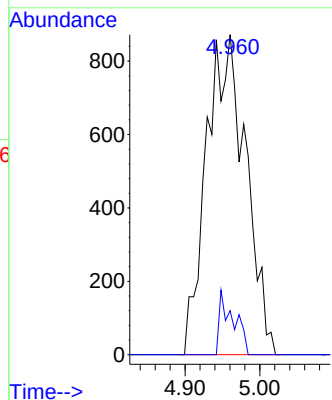
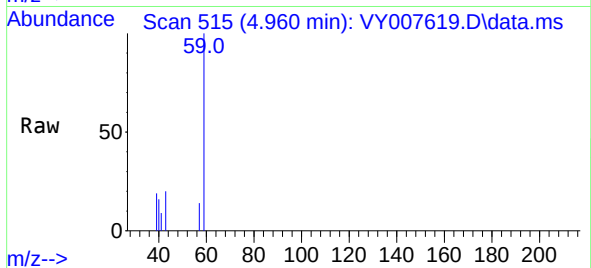
20071

Tgt Ion: 59 Resp: 3195

Ion Ratio Lower Upper

59 100

57 7.3 6.4 9.6



#16

Acetone

Concen: 26.579 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.012 min

Lab File: VY007619.D

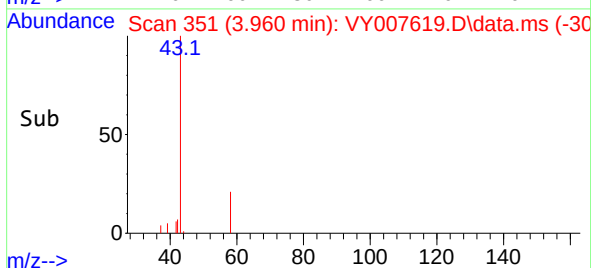
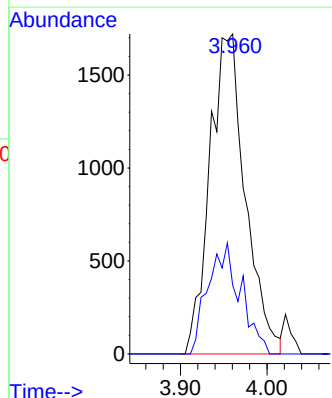
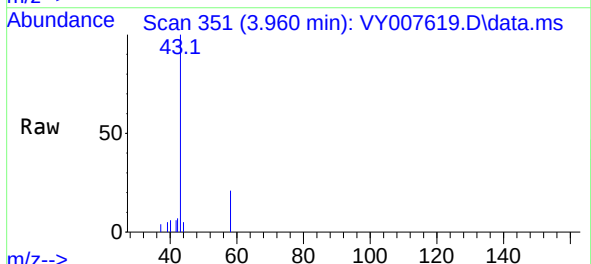
Acq: 24 Feb 2022 15:29

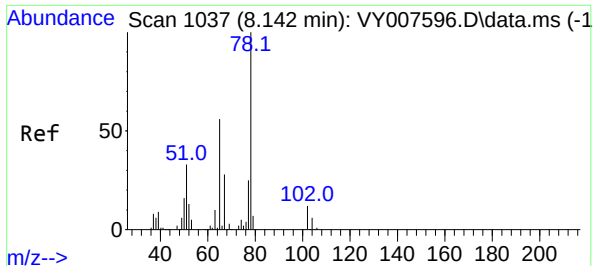
Tgt Ion: 43 Resp: 4902

Ion Ratio Lower Upper

43 100

58 21.5 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 48.670 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007619.D

Acq: 24 Feb 2022 15:29

Instrument :

MSVOA_Y

ClientSampleId :

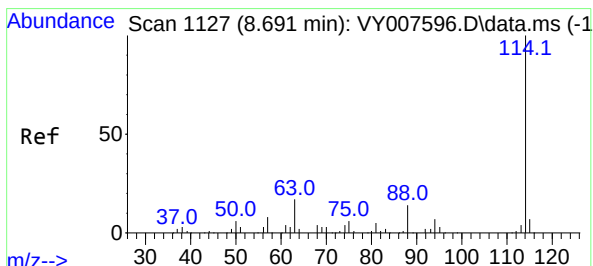
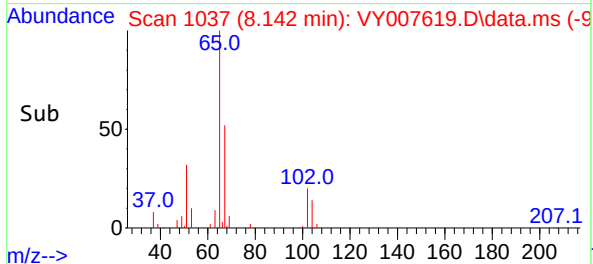
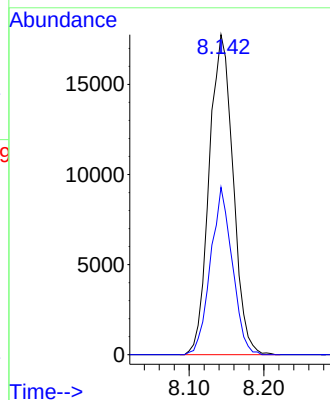
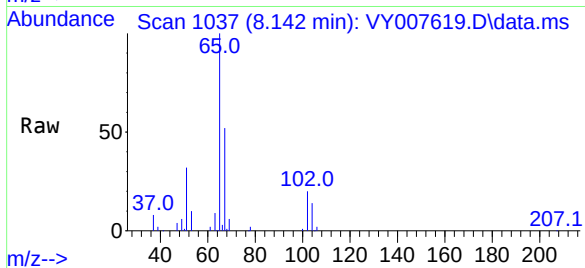
20071

Tgt Ion: 65 Resp: 39415

Ion Ratio Lower Upper

65 100

67 47.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007619.D

Acq: 24 Feb 2022 15:29

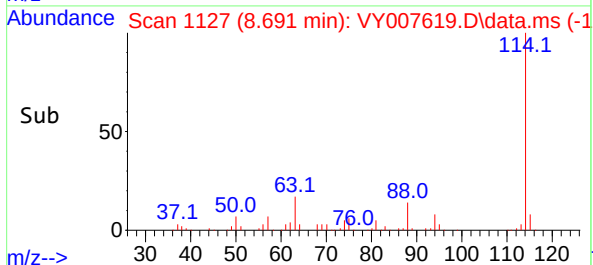
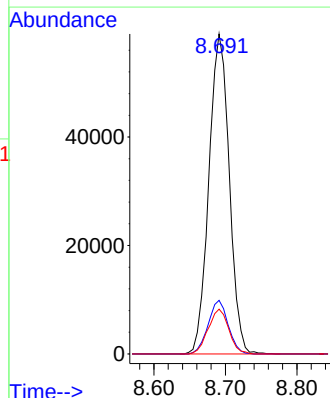
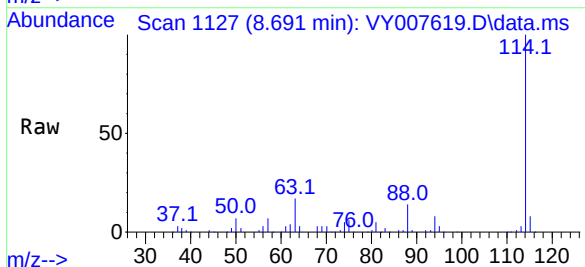
Tgt Ion: 114 Resp: 116686

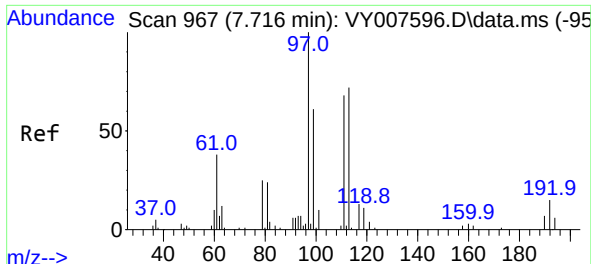
Ion Ratio Lower Upper

114 100

63 16.8 0.0 43.2

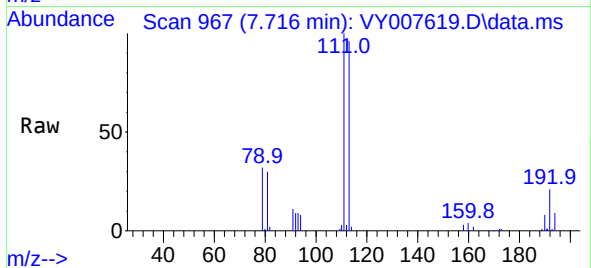
88 14.0 0.0 31.8



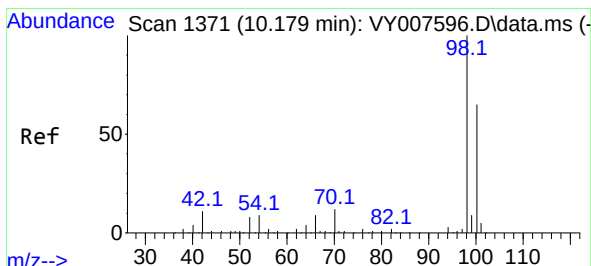
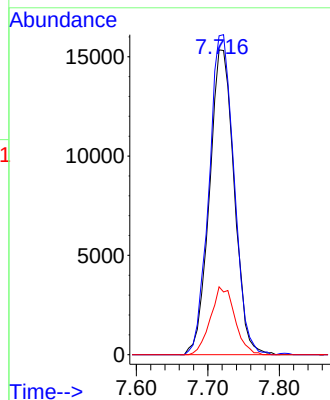
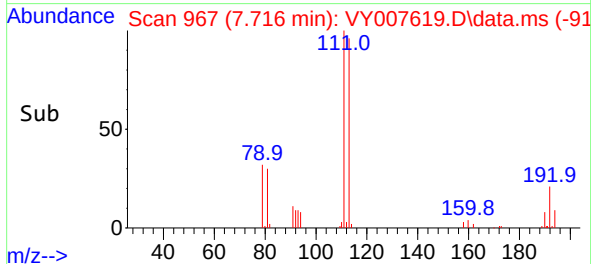


#35
Dibromofluoromethane
Concen: 50.096 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007619.D
Acq: 24 Feb 2022 15:29

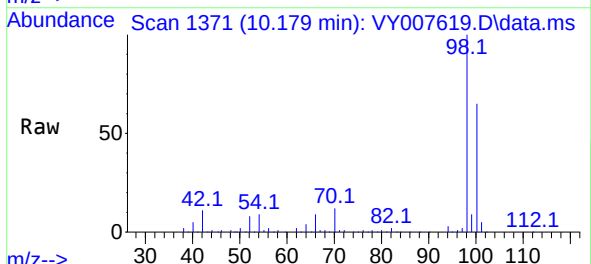
Instrument :
MSVOA_Y
ClientSampleId :
20071



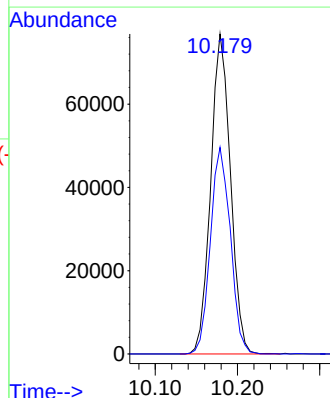
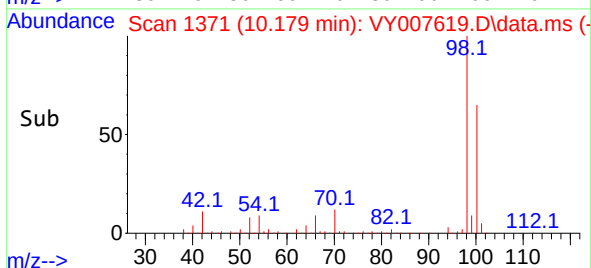
Tgt Ion:113 Resp: 36884
Ion Ratio Lower Upper
113 100
111 106.0 82.6 124.0
192 21.9 17.6 26.4

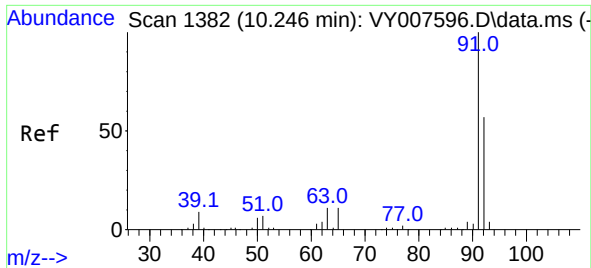


#50
Toluene-d8
Concen: 47.312 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007619.D
Acq: 24 Feb 2022 15:29



Tgt Ion: 98 Resp: 128282
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

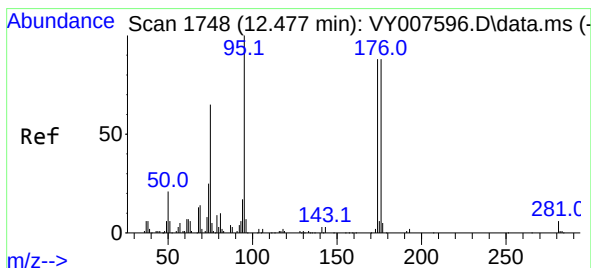
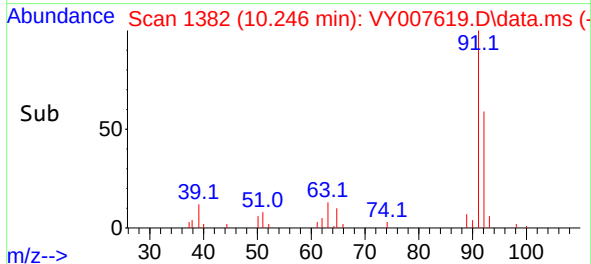
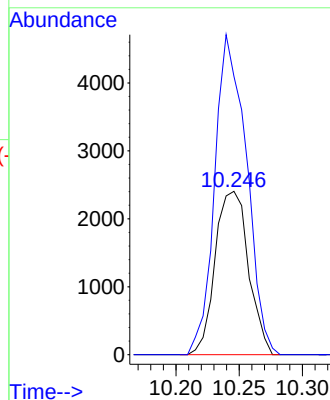
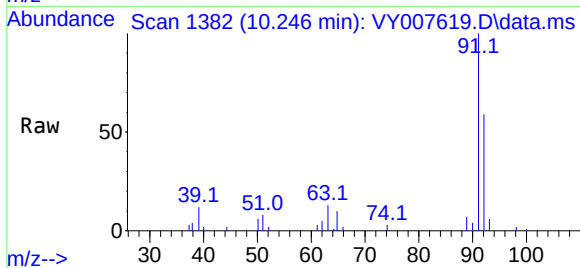




#52
Toluene
Concen: 2.133 ug/l
RT: 10.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007619.D
Acq: 24 Feb 2022 15:29

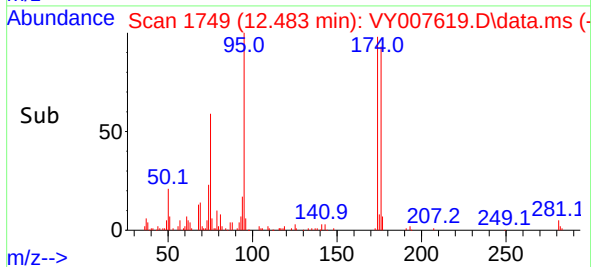
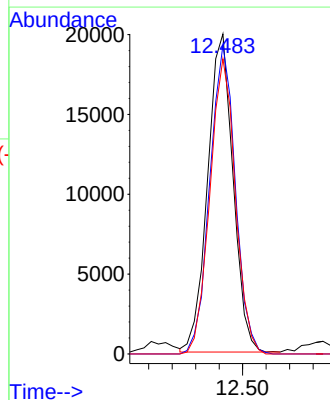
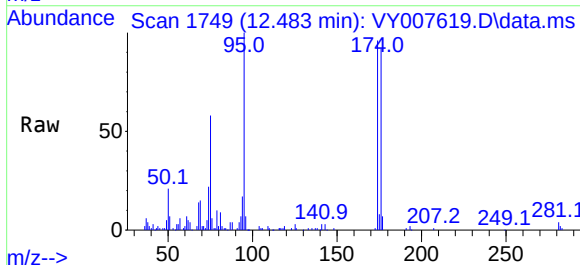
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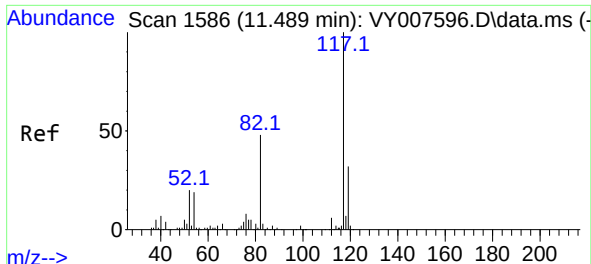
Tgt Ion: 92 Resp: 4405
Ion Ratio Lower Upper
92 100
91 186.5 142.6 213.8



#62
4-Bromofluorobenzene
Concen: 32.131 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007619.D
Acq: 24 Feb 2022 15:29

Tgt Ion: 95 Resp: 29913
Ion Ratio Lower Upper
95 100
174 97.4 0.0 177.0
176 92.9 0.0 175.8

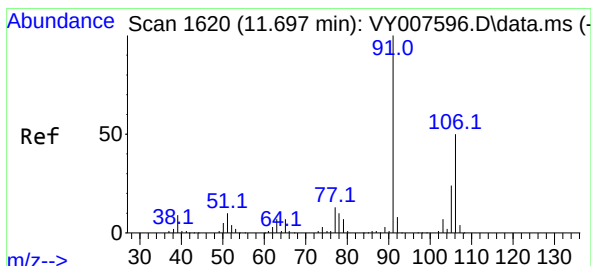
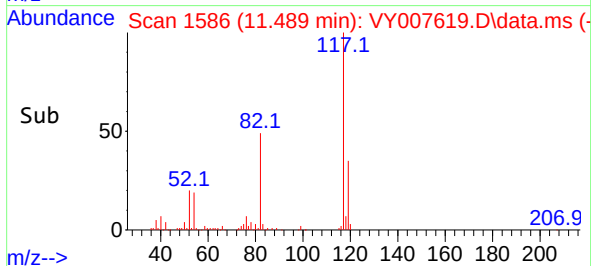
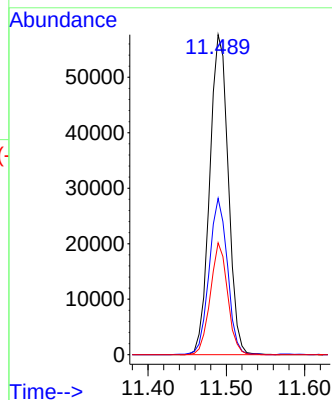
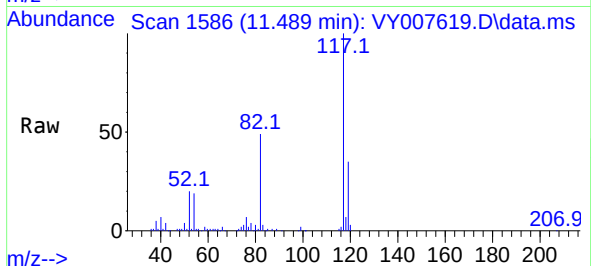




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117.1
Delta R.T. 0.000 min
Lab File: VY007619.D
Acq: 24 Feb 2022 15:29

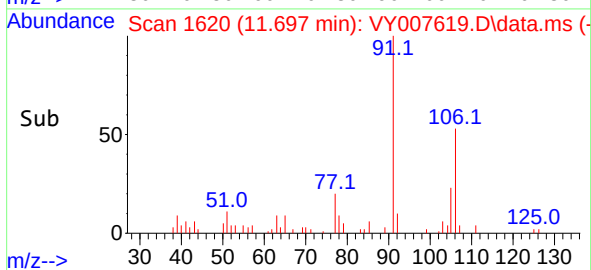
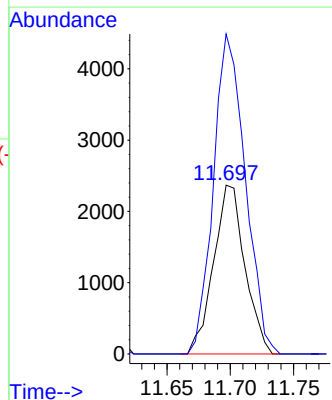
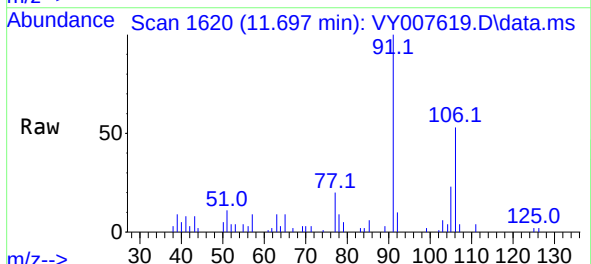
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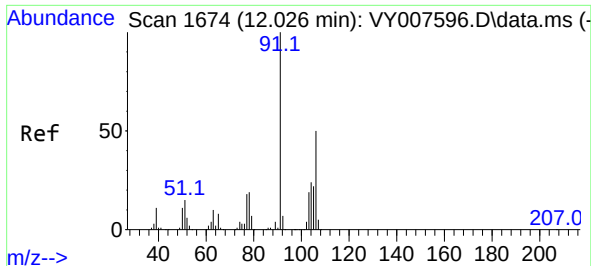
Tgt Ion:	117	Resp:	94656
Ion	Ratio	Lower	Upper
117	100		
82	48.7	43.0	64.4
119	35.0	25.4	38.0



#68
m/p-Xylenes
Concen: 3.009 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY007619.D
Acq: 24 Feb 2022 15:29

Tgt Ion:	106	Resp:	4078
Ion	Ratio	Lower	Upper
106	100		
91	192.7	166.6	249.8

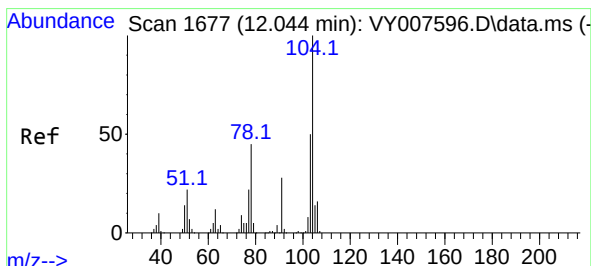
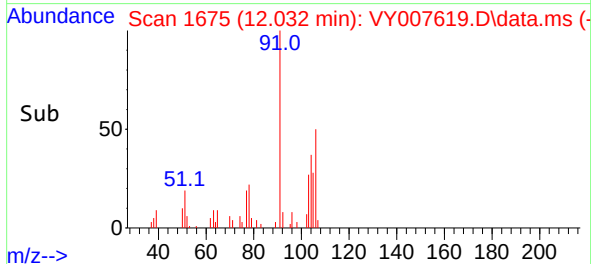
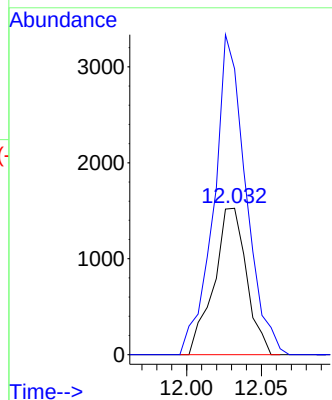
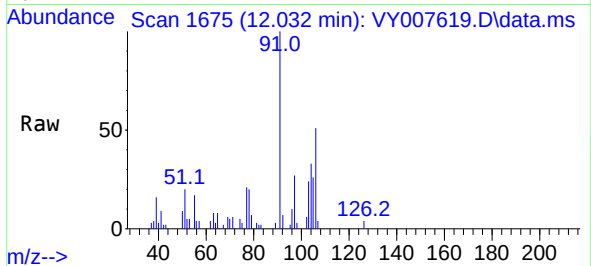




#69
o-Xylene
Concen: 1.735 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY007619.D
Acq: 24 Feb 2022 15:29

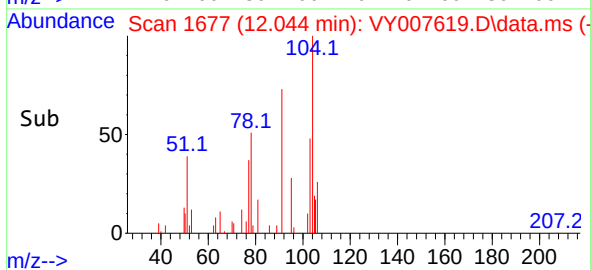
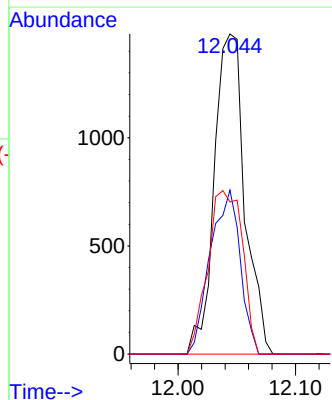
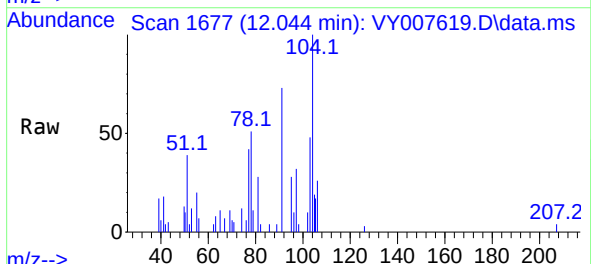
Instrument :
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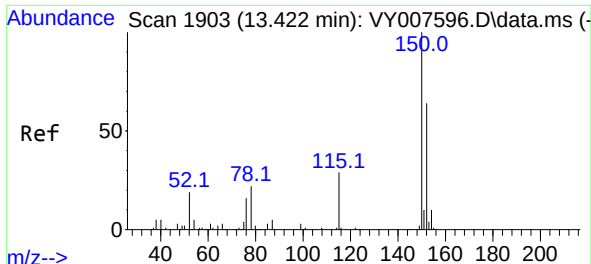
Tgt Ion:106 Resp: 2313
Ion Ratio Lower Upper
106 100
91 214.4 110.3 331.0



#70
Styrene
Concen: 1.202 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007619.D
Acq: 24 Feb 2022 15:29

Tgt Ion:104 Resp: 2680
Ion Ratio Lower Upper
104 100
78 49.9 42.4 63.6
103 57.6 44.4 66.6

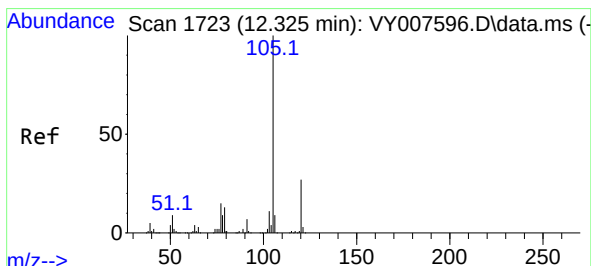
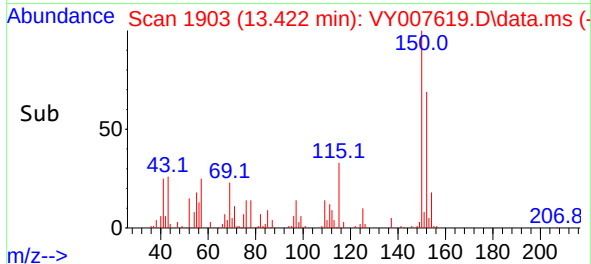
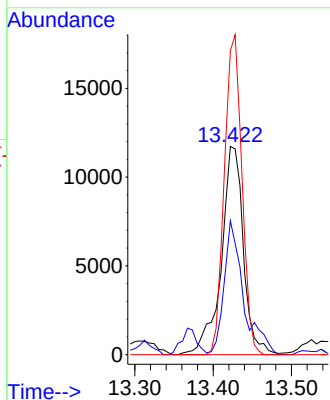
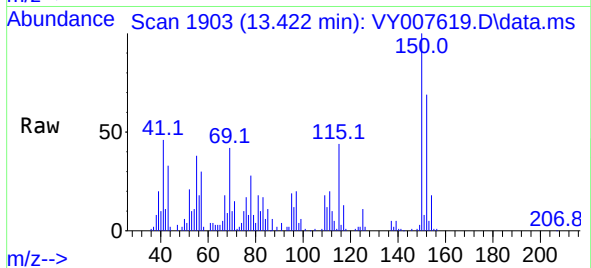




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007619.D
Acq: 24 Feb 2022 15:29

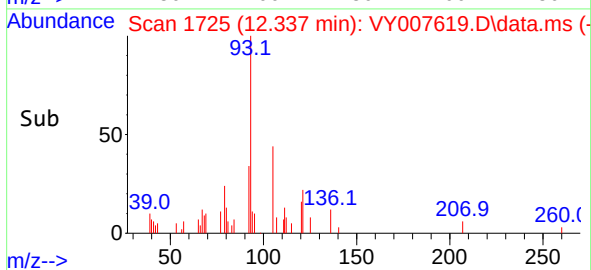
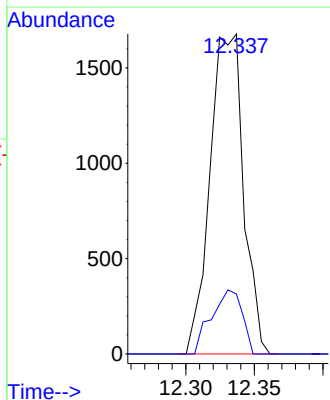
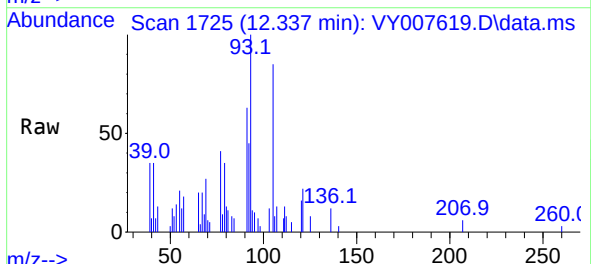
Instrument :
MSVOA_Y
ClientSampleId :
20071

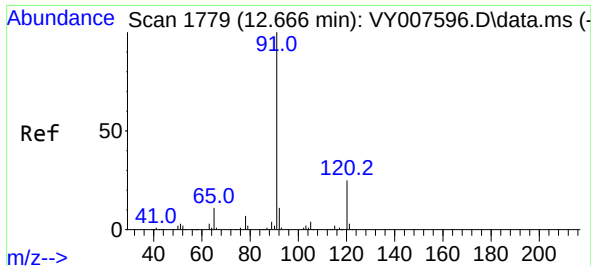
Tgt Ion:152 Resp: 23114
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 121.8 0.0 347.6



#73
Isopropylbenzene
Concen: 1.602 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.012 min
Lab File: VY007619.D
Acq: 24 Feb 2022 15:29

Tgt Ion:105 Resp: 2852
Ion Ratio Lower Upper
105 100
120 18.4 13.4 40.2

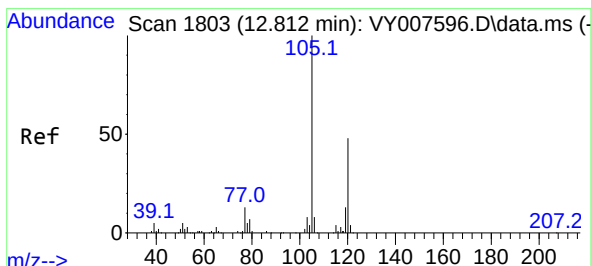
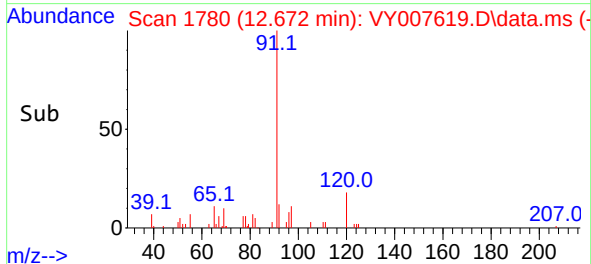
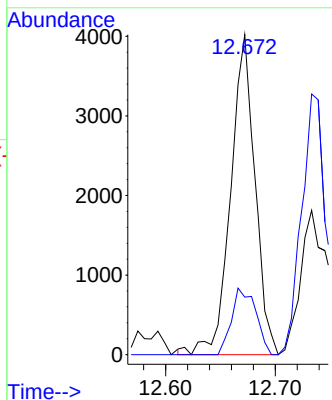
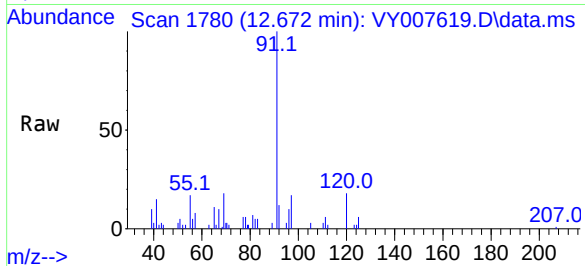




#78
n-propylbenzene
Concen: 3.011 ug/l
RT: 12.672 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY007619.D
Acq: 24 Feb 2022 15:29

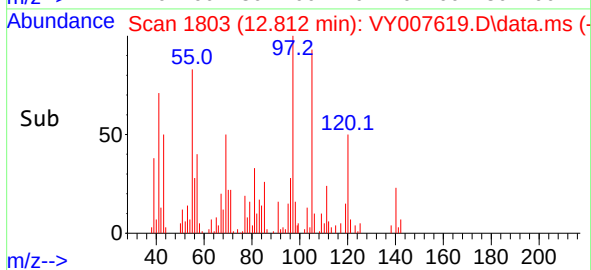
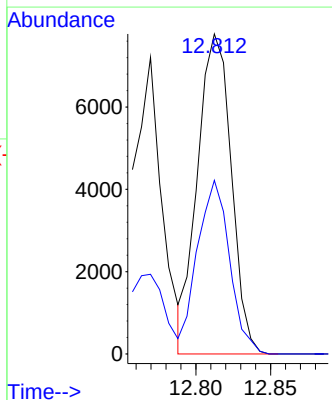
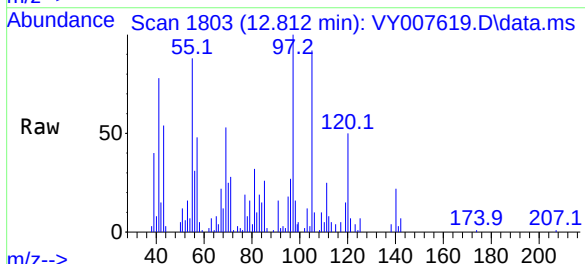
Instrument :
MSVOA_Y
ClientSampleId :
20071

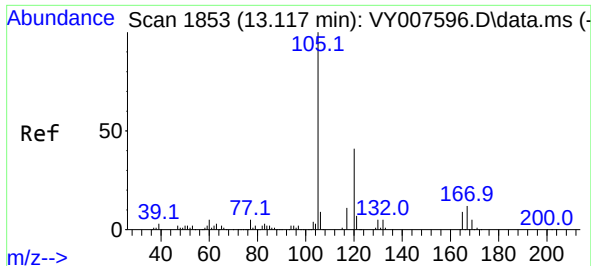
Tgt Ion: 91 Resp: 6192
Ion Ratio Lower Upper
91 100
120 20.6 11.3 33.9



#80
1,3,5-Trimethylbenzene
Concen: 8.056 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007619.D
Acq: 24 Feb 2022 15:29

Tgt Ion: 105 Resp: 12201
Ion Ratio Lower Upper
105 100
120 51.8 24.4 73.4

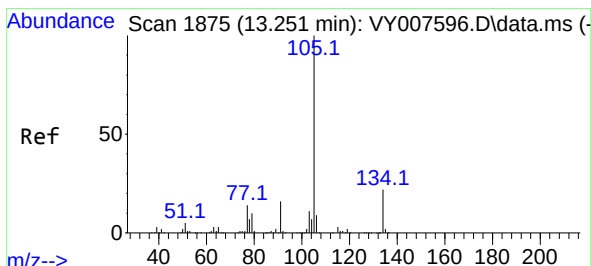
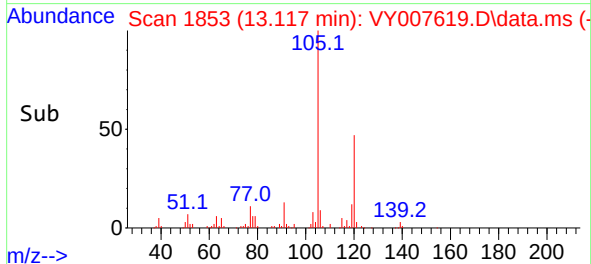
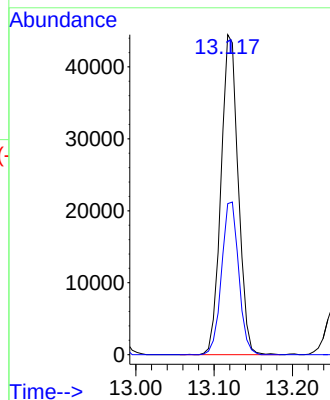
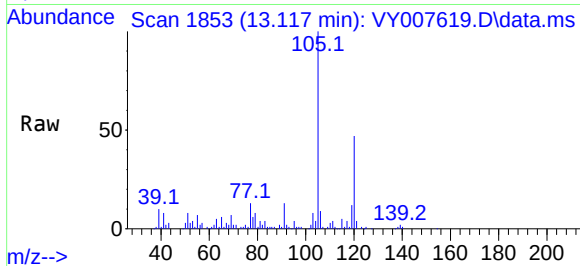




#84
1,2,4-Trimethylbenzene
Concen: 45.776 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007619.D
Acq: 24 Feb 2022 15:29

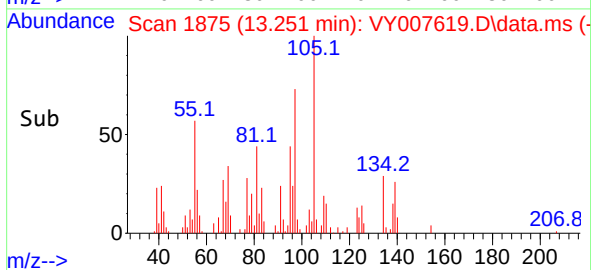
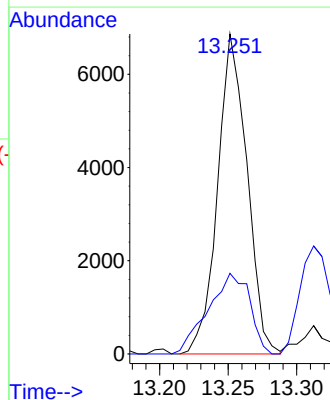
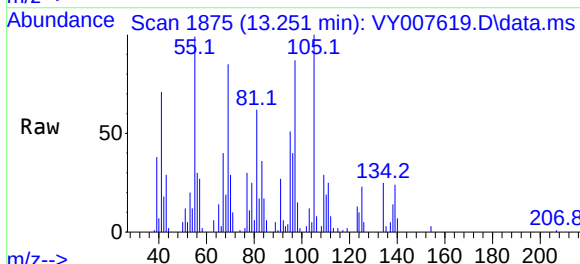
Instrument :
MSVOA_Y
ClientSampleId :
20071

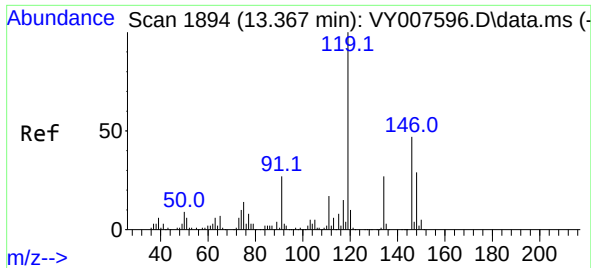
Tgt Ion:105 Resp: 67956
Ion Ratio Lower Upper
105 100
120 47.4 22.3 66.9



#85
sec-Butylbenzene
Concen: 5.355 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY007619.D
Acq: 24 Feb 2022 15:29

Tgt Ion:105 Resp: 10241
Ion Ratio Lower Upper
105 100
134 35.6 10.2 30.4#





#86

p-Isopropyltoluene

Concen: 12.749 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007619.D

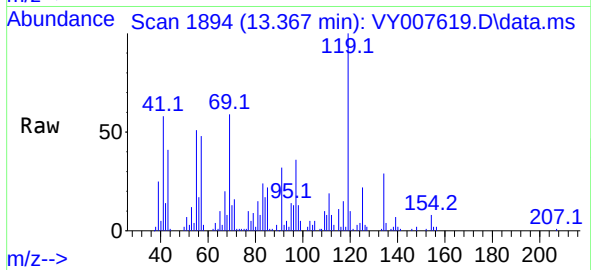
Acq: 24 Feb 2022 15:29

Instrument :

MSVOA_Y

ClientSampleId :

20071



Tgt Ion:119 Resp: 20955

Ion Ratio Lower Upper

119 100

134 27.7 13.2 39.5

91 26.9 12.4 37.2

