

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012522\
 Data File : VY007292.D
 Acq On : 25 Jan 2022 14:19
 Operator : SY/MD
 Sample : N1248-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C1-C2

Quant Time: Jan 26 03:57:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	24461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	43222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	37947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14864	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	14436	48.098	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.200%
35) Dibromofluoromethane	7.722	113	13878	47.485	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.960%
50) Toluene-d8	10.179	98	51686	48.399	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.800%
62) 4-Bromofluorobenzene	12.477	95	16420	43.225	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.460%

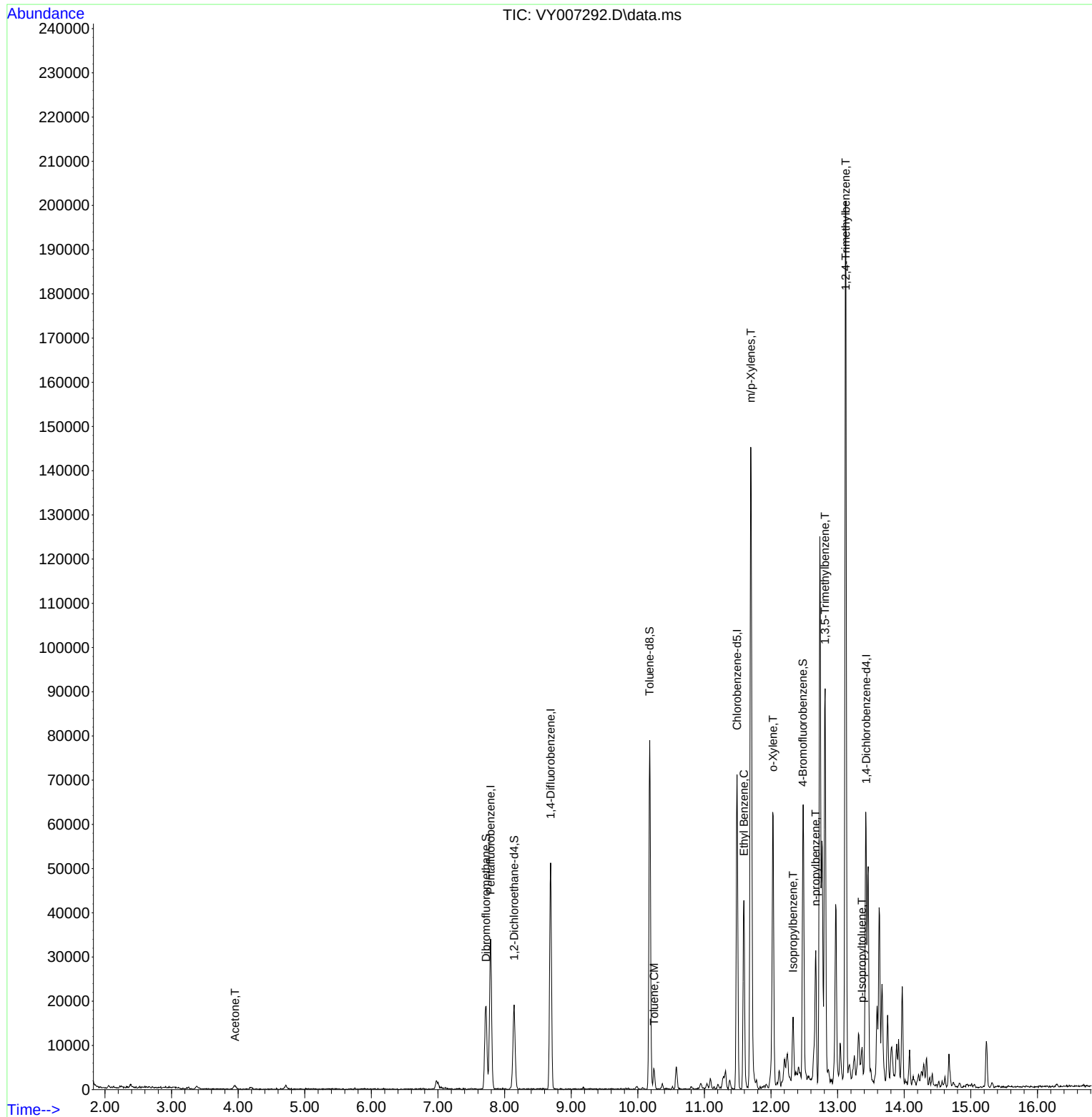
Target Compounds					Qvalue	
16) Acetone	3.954	43	1701	21.837	ug/l	# 89
52) Toluene	10.246	92	2066	2.618	ug/l	98
67) Ethyl Benzene	11.593	91	29911	19.180	ug/l	99
68) m/p-Xylenes	11.697	106	42138	72.710	ug/l	99
69) o-Xylene	12.032	106	15845	29.033	ug/l	98
73) Isopropylbenzene	12.331	105	7583	5.907	ug/l	98
78) n-propylbenzene	12.672	91	23437	14.727	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	39679	37.642	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	109406	104.709	ug/l	99
86) p-Isopropyltoluene	13.367	119	3335	2.978	ug/l	97

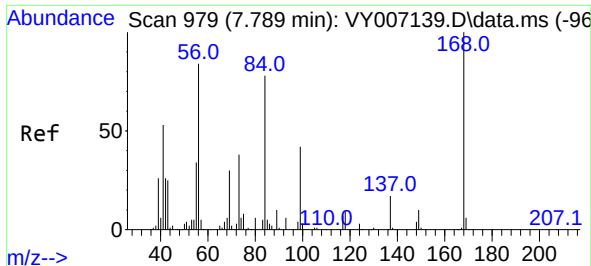
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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C1-C2

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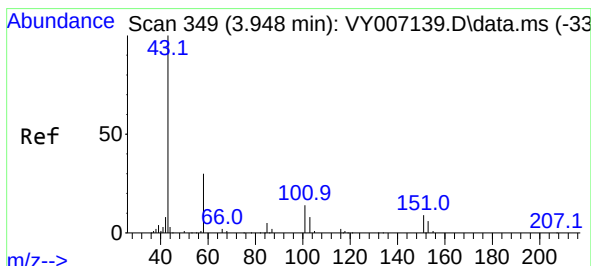
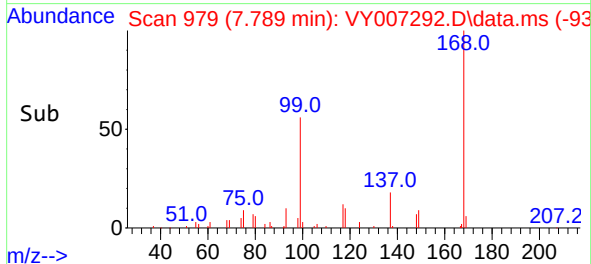
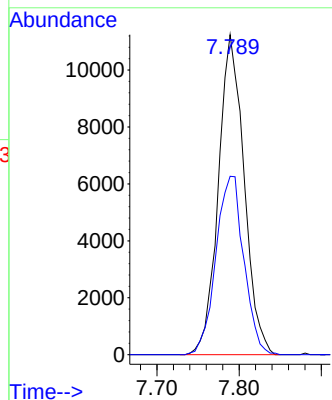
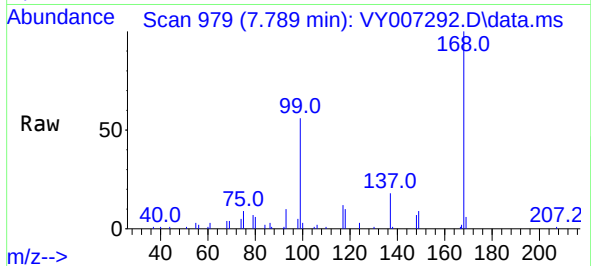




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007292.D
Acq: 25 Jan 2022 14:19

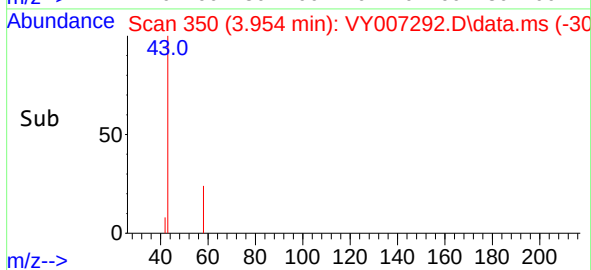
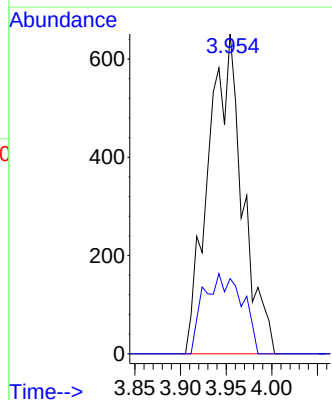
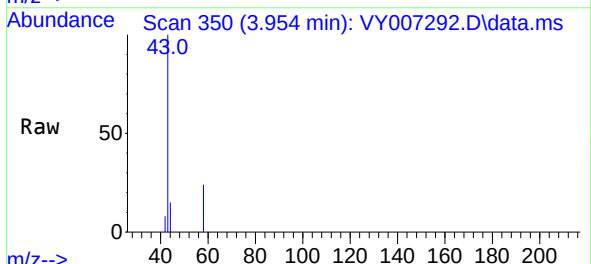
Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

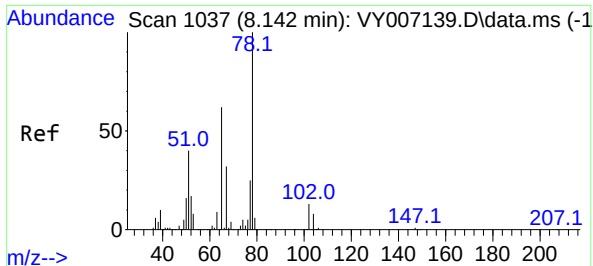
Tgt Ion:168 Resp: 24461
Ion Ratio Lower Upper
168 100
99 55.8 49.1 73.7



#16
Acetone
Concen: 21.837 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007292.D
Acq: 25 Jan 2022 14:19

Tgt Ion: 43 Resp: 1701
Ion Ratio Lower Upper
43 100
58 23.5 23.8 35.6#

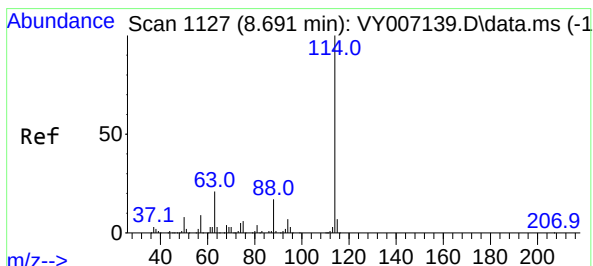
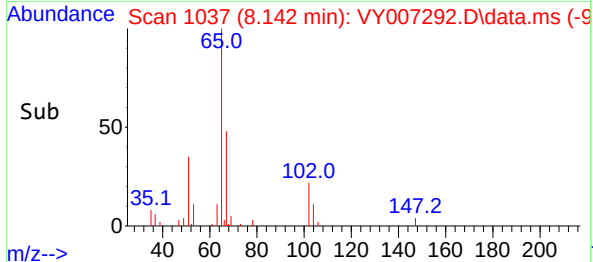
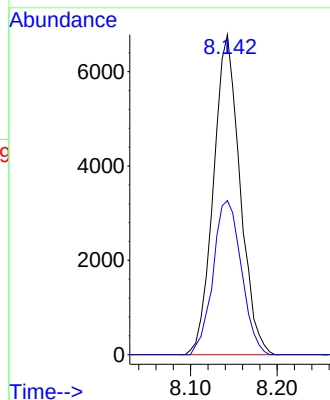
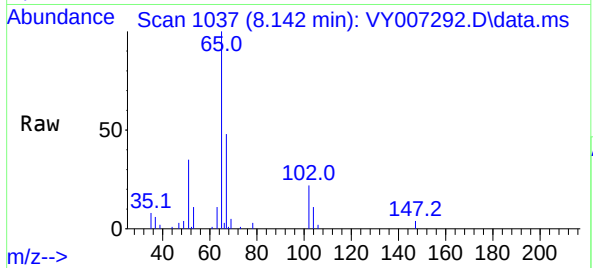




#33
 1,2-Dichloroethane-d4
 Concen: 48.098 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY007292.D
 Acq: 25 Jan 2022 14:19

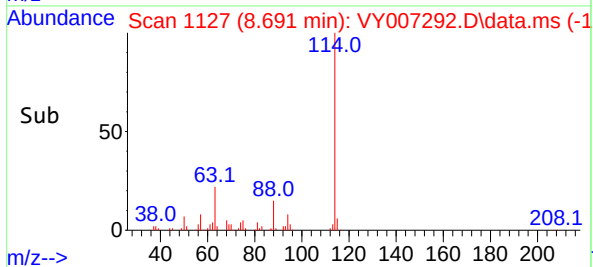
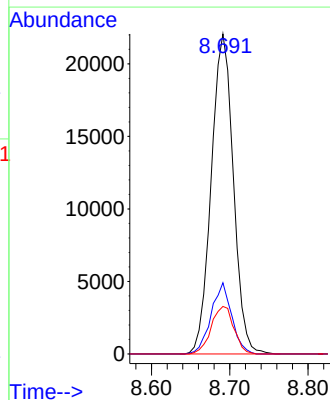
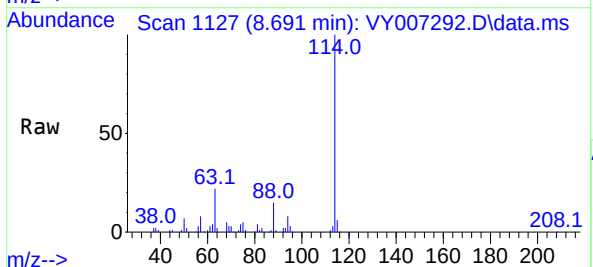
Instrument :
 MSVOA_Y
 ClientSampleId :
 C1-C2

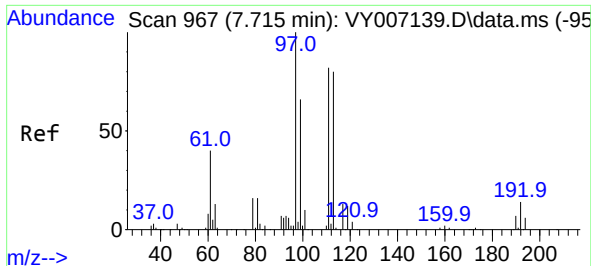
Tgt Ion: 65 Resp: 14436
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007292.D
 Acq: 25 Jan 2022 14:19

Tgt Ion: 114 Resp: 43222
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 39.2
 88 14.8 0.0 31.0

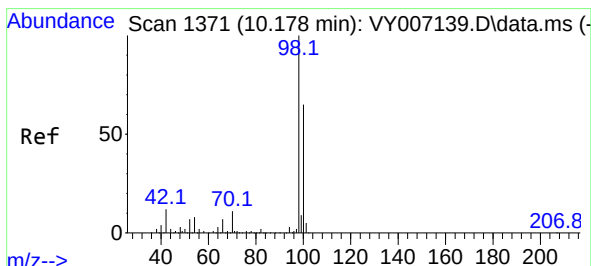
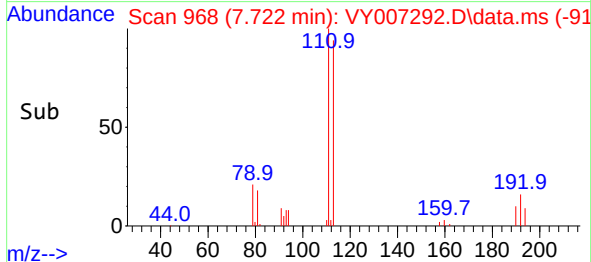
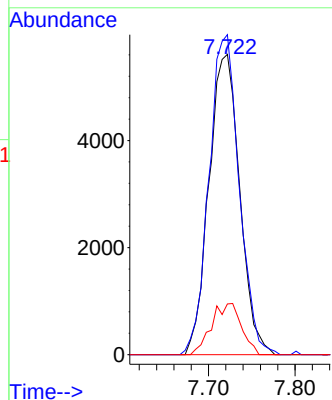
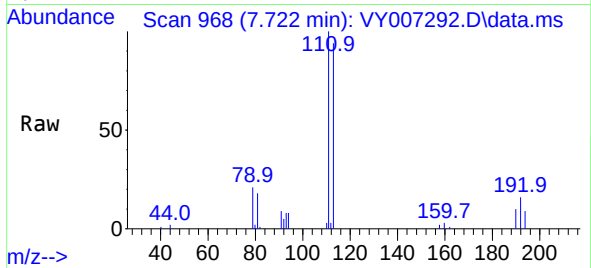




#35
Dibromofluoromethane
Concen: 47.485 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007292.D
Acq: 25 Jan 2022 14:19

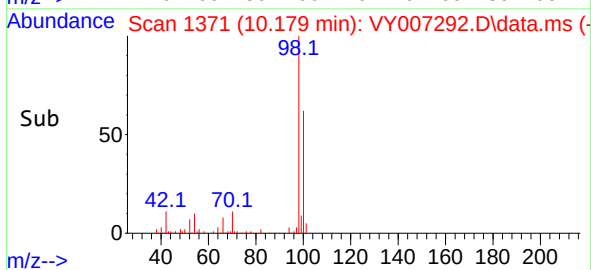
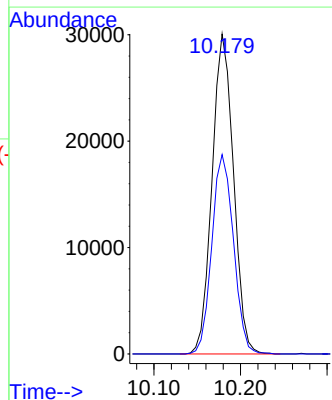
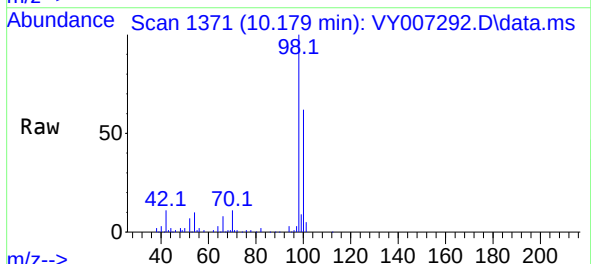
Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

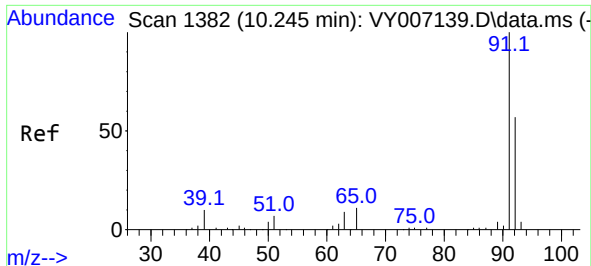
Tgt Ion:113 Resp: 13878
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 16.5 14.2 21.4



#50
Toluene-d8
Concen: 48.399 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007292.D
Acq: 25 Jan 2022 14:19

Tgt Ion: 98 Resp: 51686
Ion Ratio Lower Upper
98 100
100 63.0 52.2 78.2

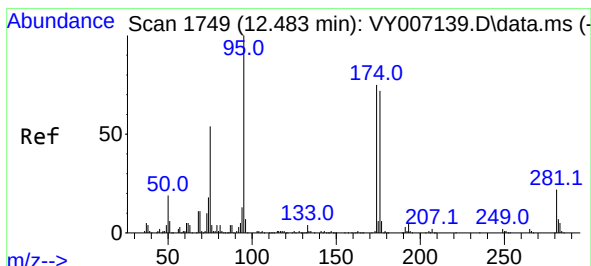
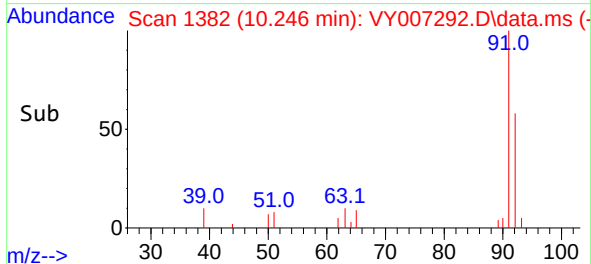
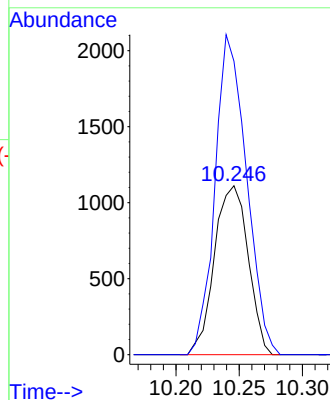
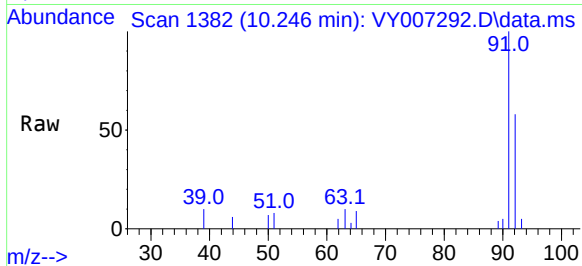




#52
Toluene
Concen: 2.618 ug/l
RT: 10.246 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007292.D
Acq: 25 Jan 2022 14:19

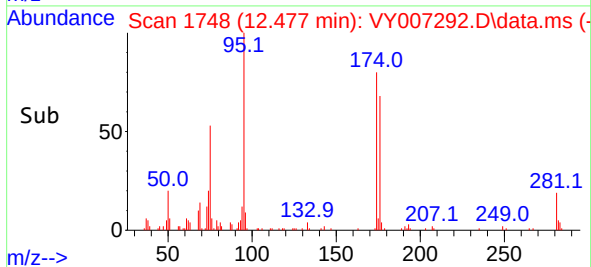
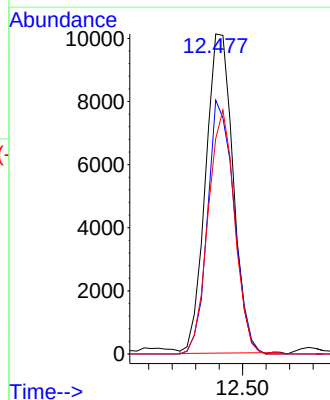
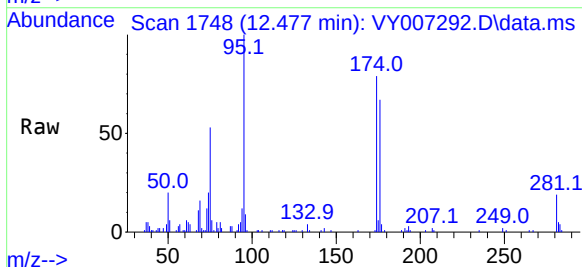
Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

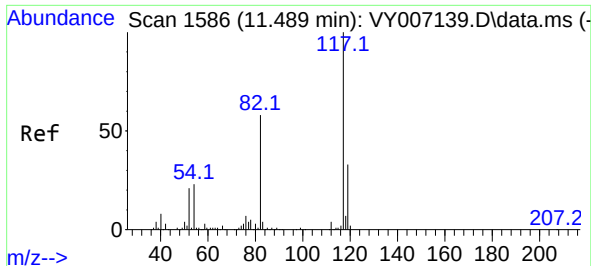
Tgt Ion: 92 Resp: 2066
Ion Ratio Lower Upper
92 100
91 176.3 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 43.225 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007292.D
Acq: 25 Jan 2022 14:19

Tgt Ion: 95 Resp: 16420
Ion Ratio Lower Upper
95 100
174 76.9 0.0 148.4
176 73.8 0.0 146.6

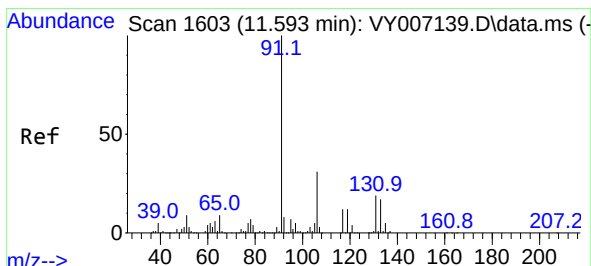
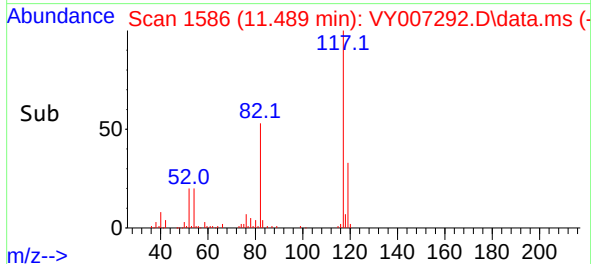
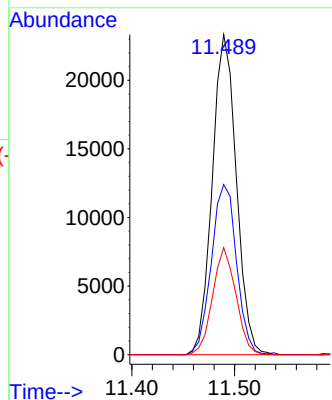
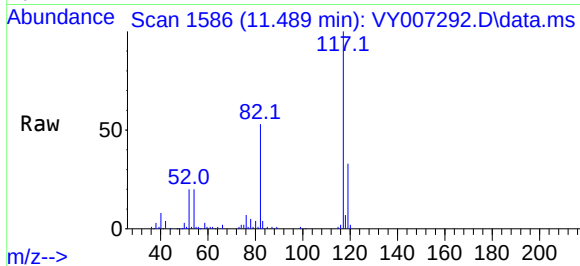




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007292.D
Acq: 25 Jan 2022 14:19

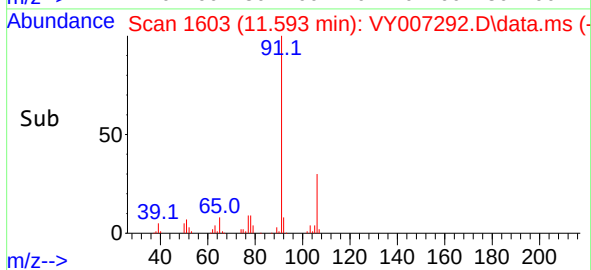
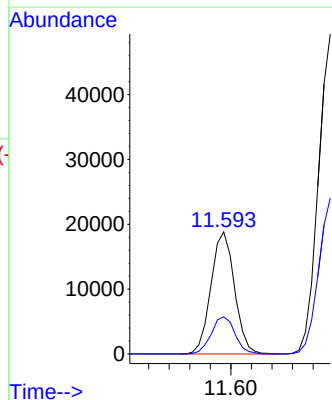
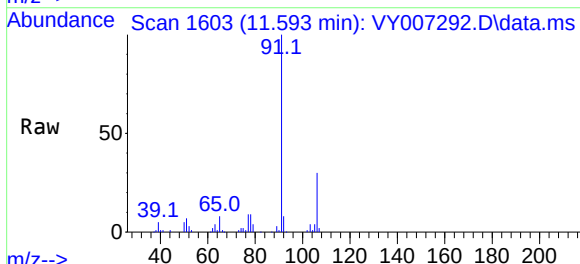
Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

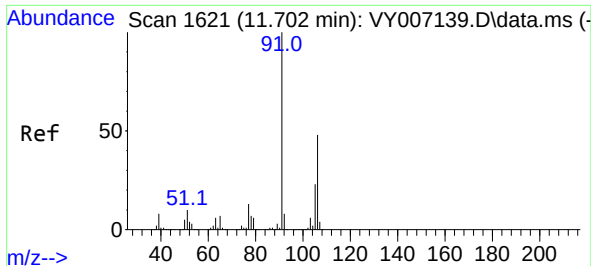
Tgt Ion:	117	Resp:	37947
Ion	Ratio	Lower	Upper
117	100		
82	53.1	45.4	68.0
119	33.4	26.4	39.6



#67
Ethyl Benzene
Concen: 19.180 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007292.D
Acq: 25 Jan 2022 14:19

Tgt Ion:	91	Resp:	29911
Ion	Ratio	Lower	Upper
91	100		
106	30.4	23.9	35.9

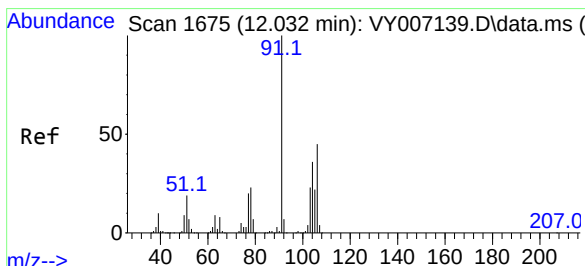
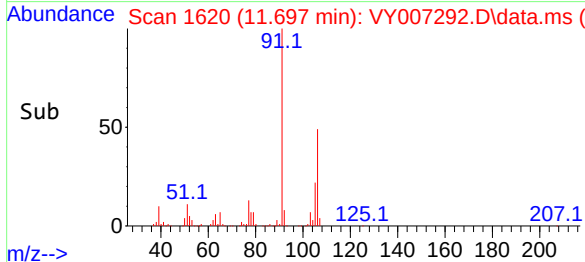
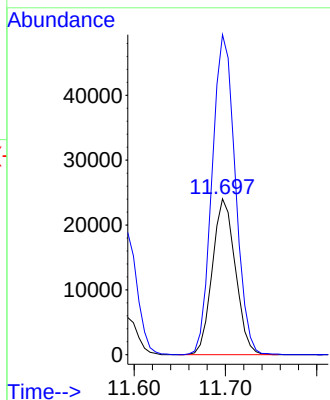
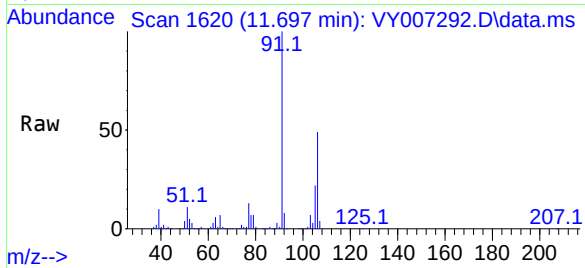




#68
m/p-Xylenes
Concen: 72.710 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY007292.D
Acq: 25 Jan 2022 14:19

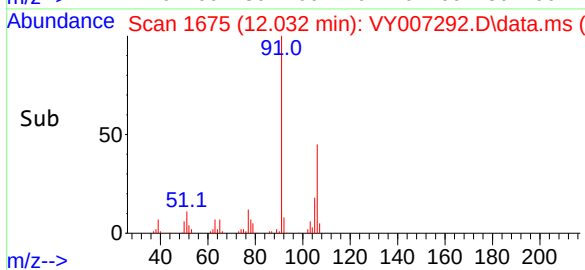
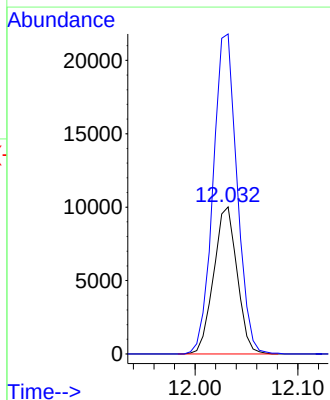
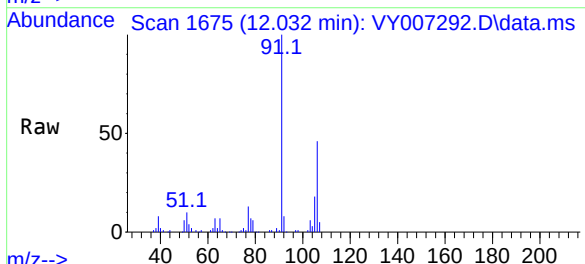
Instrument :
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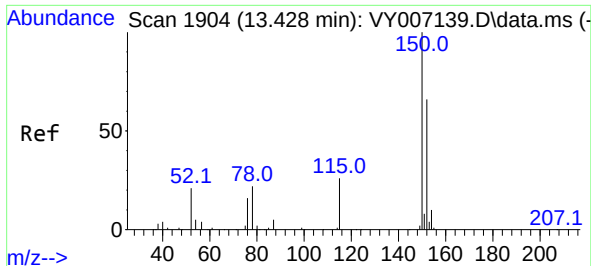
Tgt Ion:106 Resp: 42138
Ion Ratio Lower Upper
106 100
91 206.9 167.1 250.7



#69
o-Xylene
Concen: 29.033 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007292.D
Acq: 25 Jan 2022 14:19

Tgt Ion:106 Resp: 15845
Ion Ratio Lower Upper
106 100
91 222.2 109.9 329.6

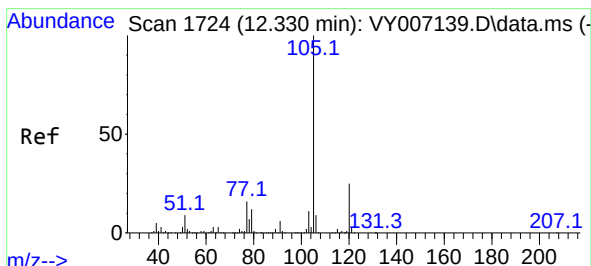
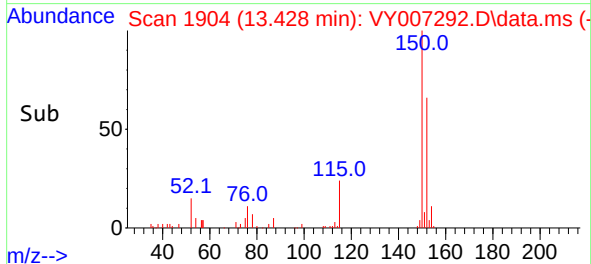
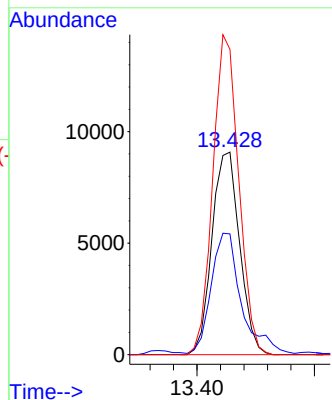
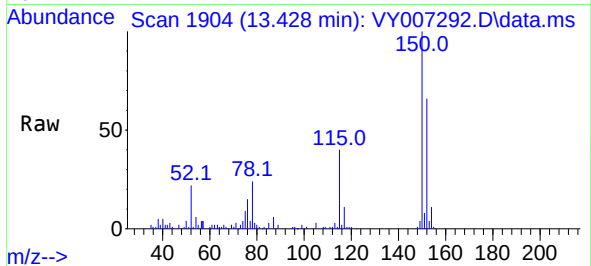




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007292.D
Acq: 25 Jan 2022 14:19

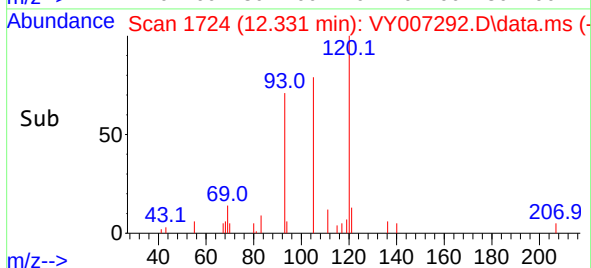
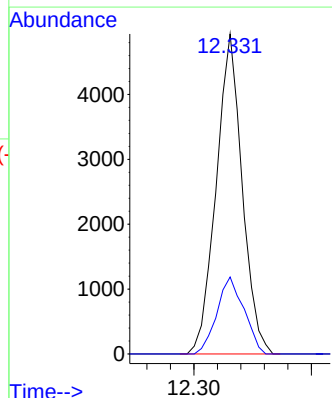
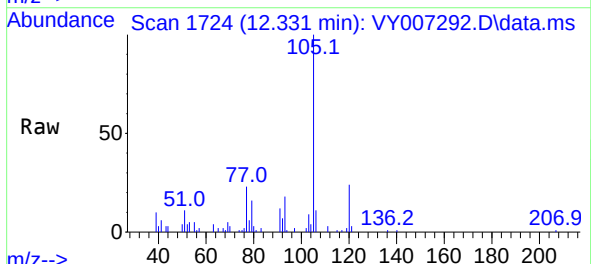
Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

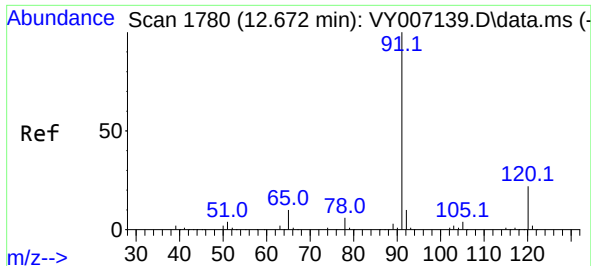
Tgt Ion:152 Resp: 14864
Ion Ratio Lower Upper
152 100
115 64.6 31.4 94.0
150 148.0 0.0 348.4



#73
Isopropylbenzene
Concen: 5.907 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY007292.D
Acq: 25 Jan 2022 14:19

Tgt Ion:105 Resp: 7583
Ion Ratio Lower Upper
105 100
120 25.0 13.1 39.1

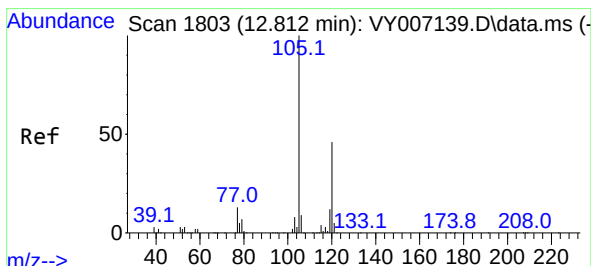
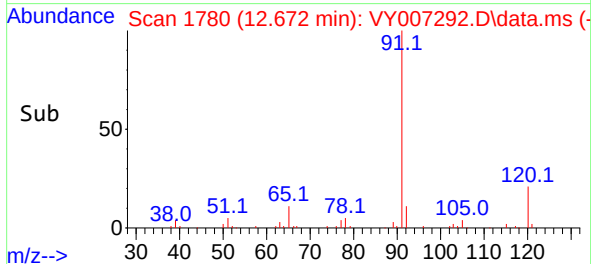
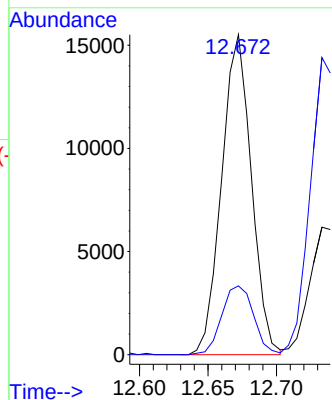
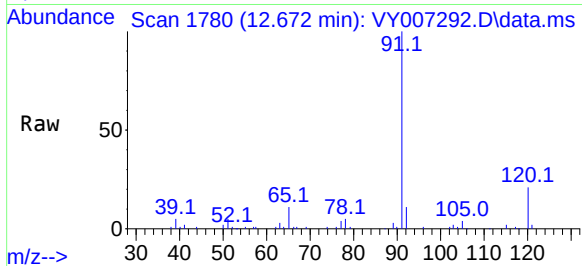




#78
n-propylbenzene
Concen: 14.727 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007292.D
Acq: 25 Jan 2022 14:19

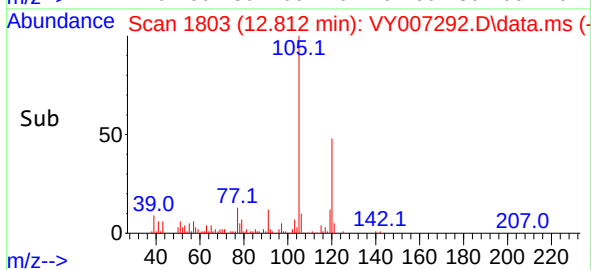
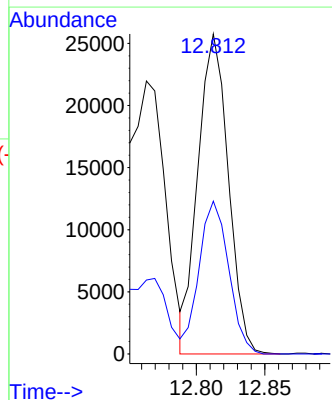
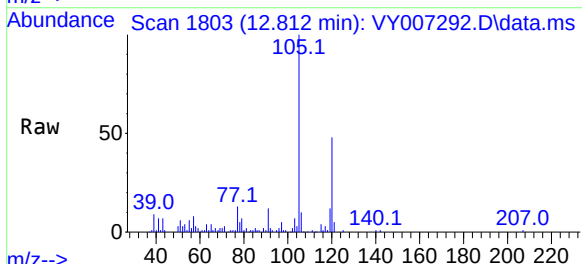
Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

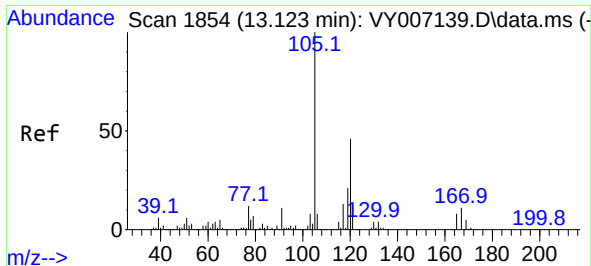
Tgt Ion: 91 Resp: 23437
Ion Ratio Lower Upper
91 100
120 23.0 11.2 33.5



#80
1,3,5-Trimethylbenzene
Concen: 37.642 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007292.D
Acq: 25 Jan 2022 14:19

Tgt Ion: 105 Resp: 39679
Ion Ratio Lower Upper
105 100
120 46.7 23.7 71.1

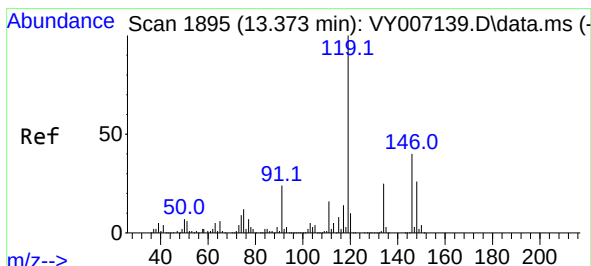
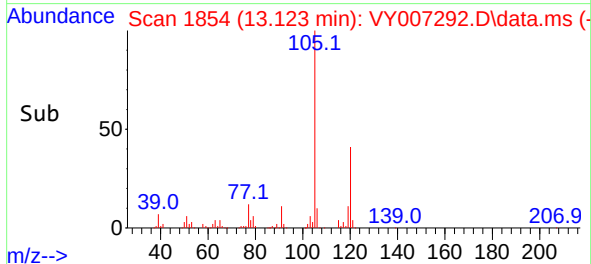
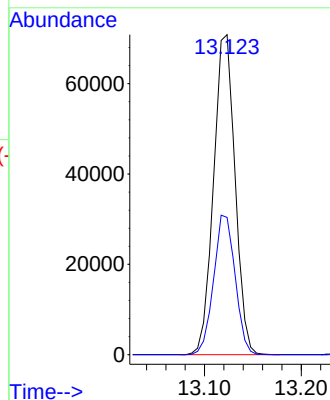
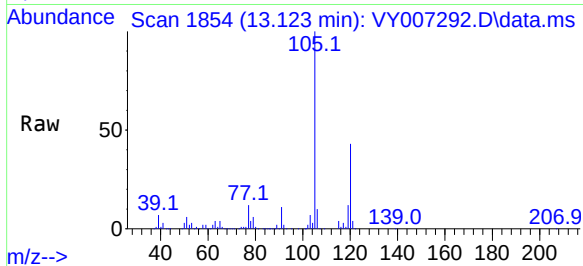




#84
1,2,4-Trimethylbenzene
Concen: 104.709 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007292.D
Acq: 25 Jan 2022 14:19

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

Tgt Ion:105 Resp: 109406
Ion Ratio Lower Upper
105 100
120 43.6 21.6 64.6



#86
p-Isopropyltoluene
Concen: 2.978 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY007292.D
Acq: 25 Jan 2022 14:19

Tgt Ion:119 Resp: 3335
Ion Ratio Lower Upper
119 100
134 23.7 12.9 38.7
91 24.3 12.4 37.2

