

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
 Data File : VY004140.D
 Acq On : 19 Mar 2021 16:21
 Operator : SY/MD
 Sample : M1749-01
 Misc : 6.84g/5mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FS-SB-15-11-13

Quant Time: Mar 20 03:15:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

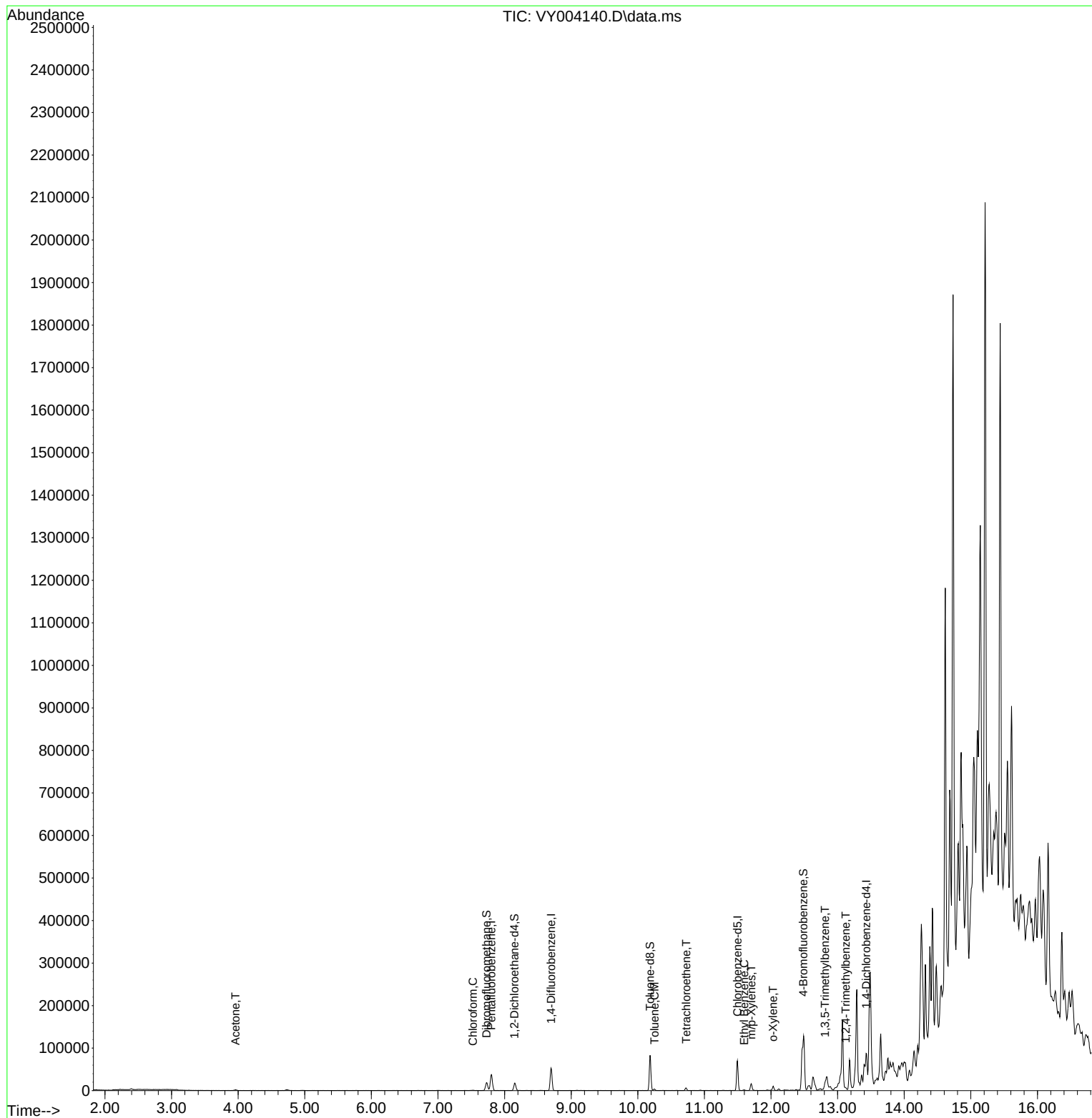
Internal Standards						
1) Pentafluorobenzene	7.801	168	29815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	45939	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	37643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	15537	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	13380	45.47	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.94%
35) Dibromofluoromethane	7.728	113	13294	51.32	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.64%
50) Toluene-d8	10.185	98	53048	52.23	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.46%
62) 4-Bromofluorobenzene	12.483	95	16109	42.95	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.90%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	2709	38.14	ug/l #	87
30) Chloroform	7.527	83	819	1.56	ug/l #	81
52) Toluene	10.252	92	1675	2.27	ug/l	90
64) Tetrachloroethene	10.727	164	1300	4.13	ug/l #	77
67) Ethyl Benzene	11.599	91	1416	1.07	ug/l	92
68) m/p-Xylenes	11.703	106	4580	9.07	ug/l	99
69) o-Xylene	12.032	106	2530	5.30	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	1253	1.37	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	2228	2.43	ug/l	97

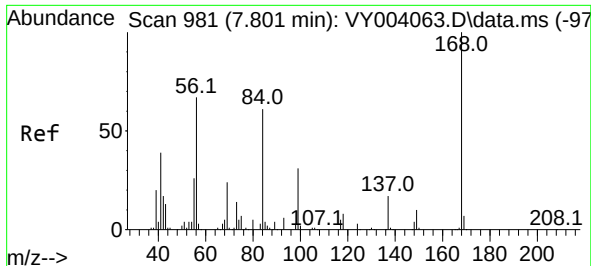
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FS-SB-15-11-13

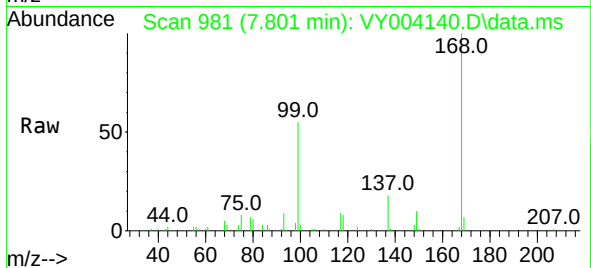
Quant Time: Mar 20 03:15:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
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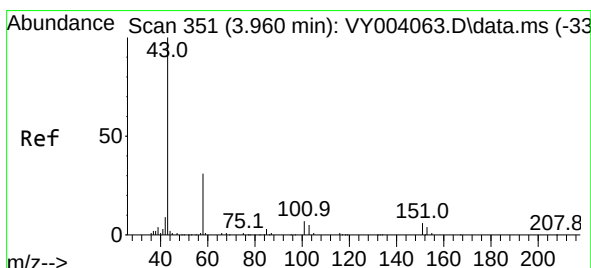
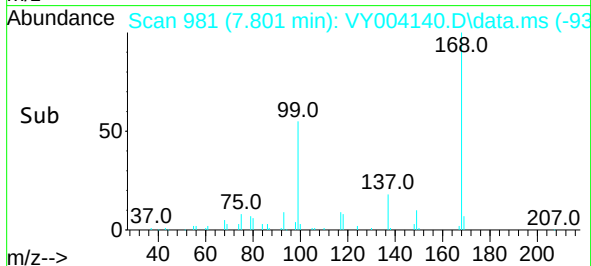
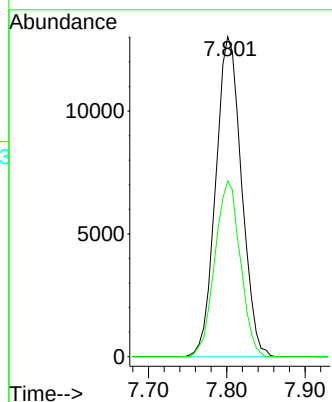


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004140.D
Acq: 19 Mar 2021 16:21

Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-15-11-13

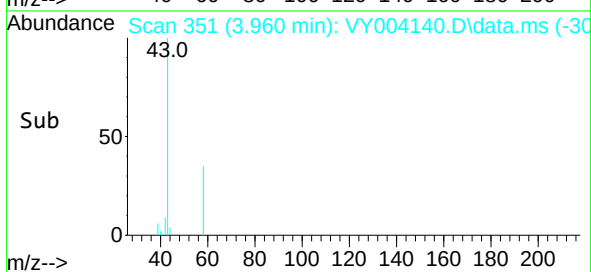
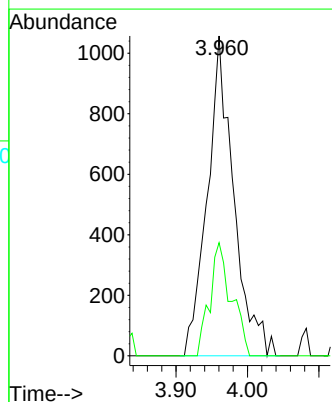
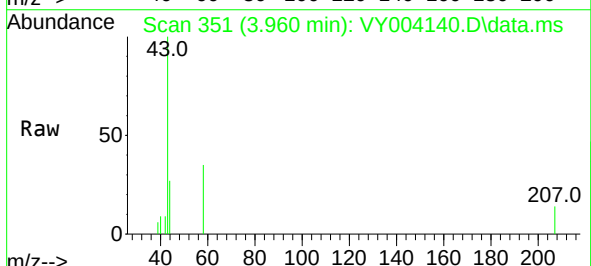


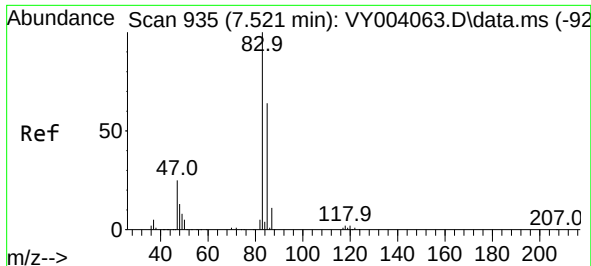
Tgt Ion:168 Resp: 29815
Ion Ratio Lower Upper
168 100
99 55.0 41.2 61.8



#16
Acetone
Concen: 38.14 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004140.D
Acq: 19 Mar 2021 16:21

Tgt Ion: 43 Resp: 2709
Ion Ratio Lower Upper
43 100
58 35.4 22.6 34.0#

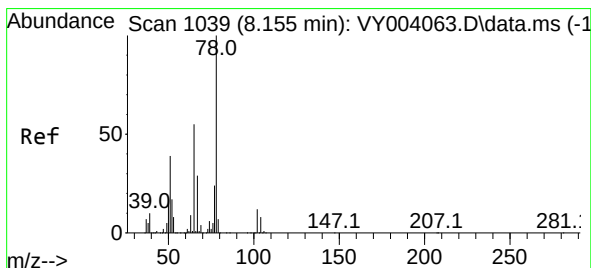
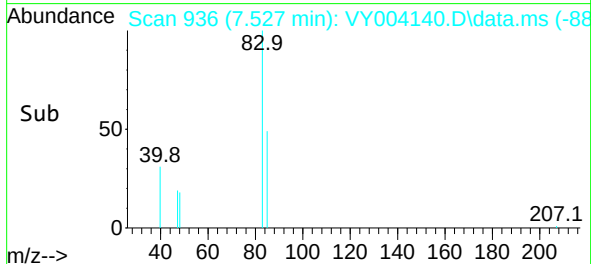
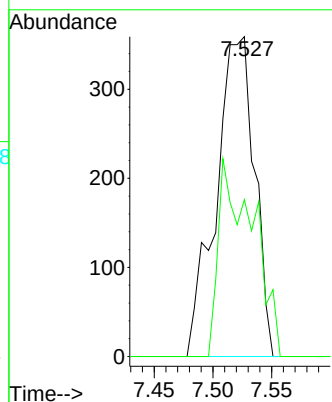
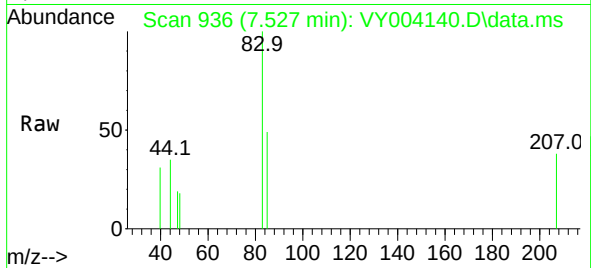




#30
Chloroform
Concen: 1.56 ug/l
RT: 7.527 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY004140.D
Acq: 19 Mar 2021 16:21

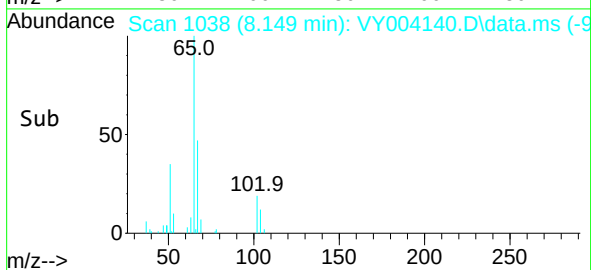
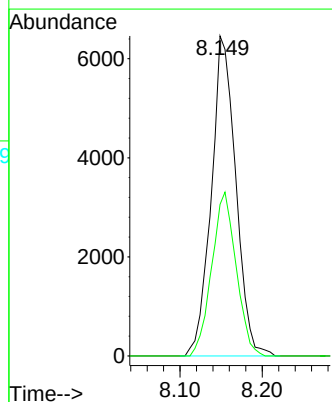
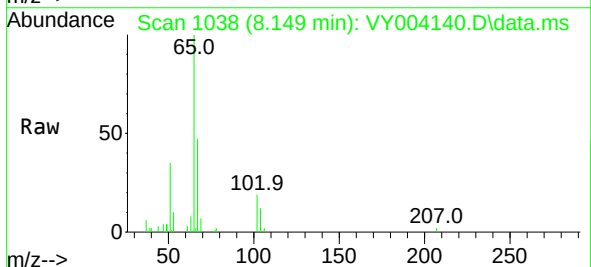
Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-15-11-13

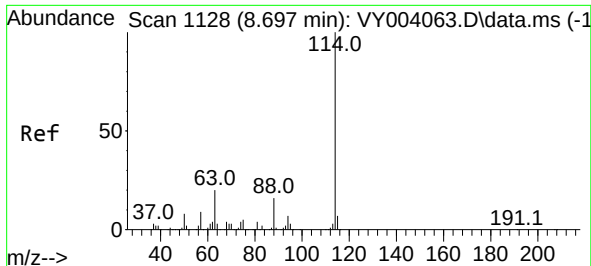
Tgt Ion: 83 Resp: 819
Ion Ratio Lower Upper
83 100
85 49.0 51.0 76.6#



#33
1,2-Dichloroethane-d4
Concen: 45.47 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004140.D
Acq: 19 Mar 2021 16:21

Tgt Ion: 65 Resp: 13380
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.4

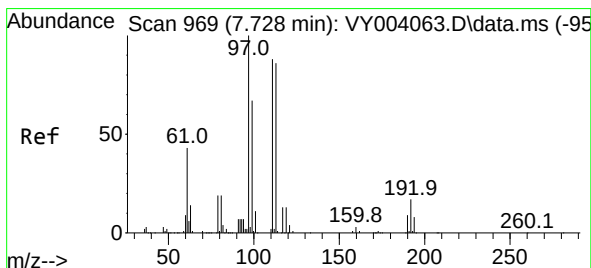
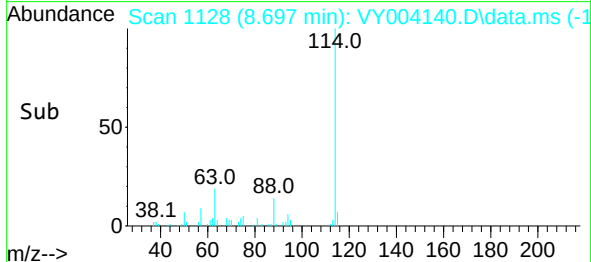
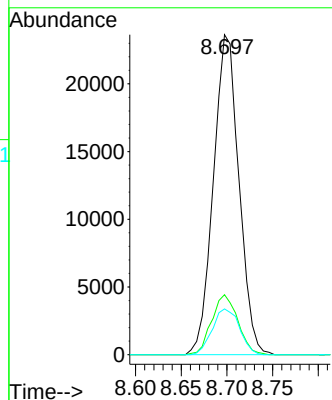
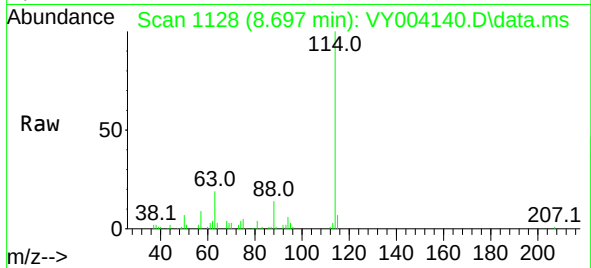




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004140.D
Acq: 19 Mar 2021 16:21

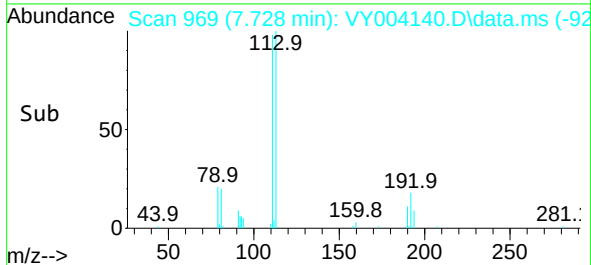
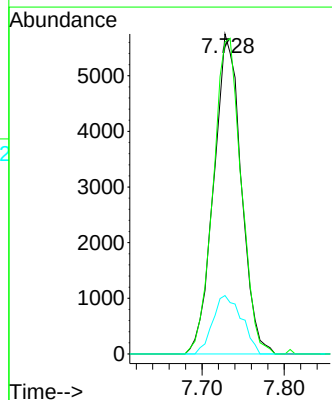
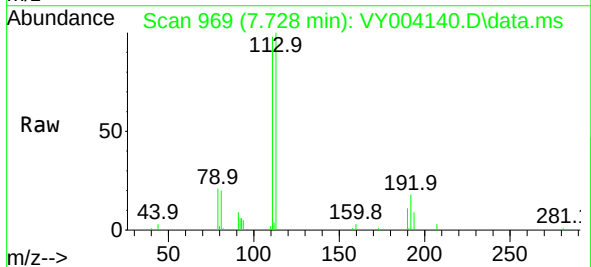
Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-15-11-13

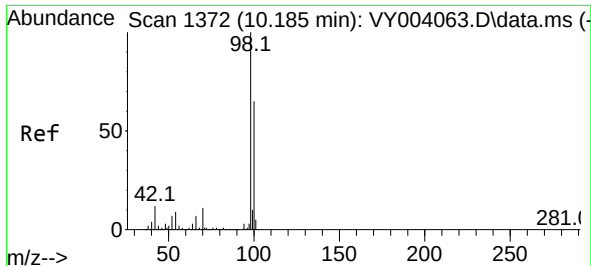
Tgt Ion:	114	Resp:	45939
Ion Ratio	Lower	Upper	
114	100		
63	18.7	0.0	41.6
88	14.3	0.0	31.4



#35
Dibromofluoromethane
Concen: 51.32 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004140.D
Acq: 19 Mar 2021 16:21

Tgt Ion:	113	Resp:	13294
Ion Ratio	Lower	Upper	
113	100		
111	100.8	83.2	124.8
192	19.3	18.5	27.7

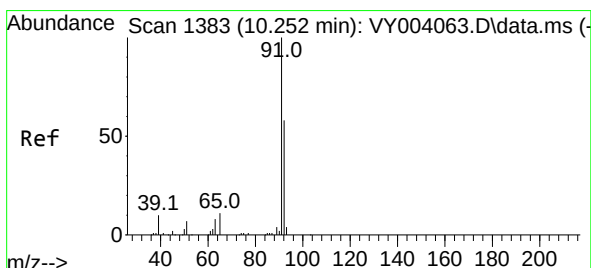
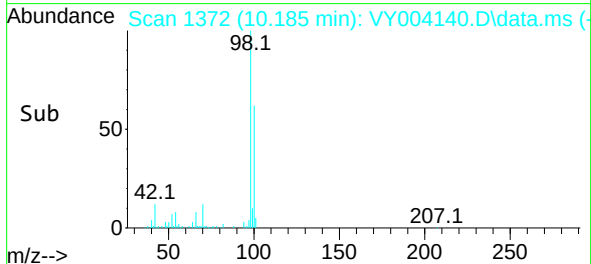
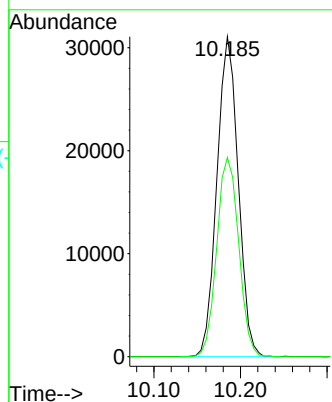
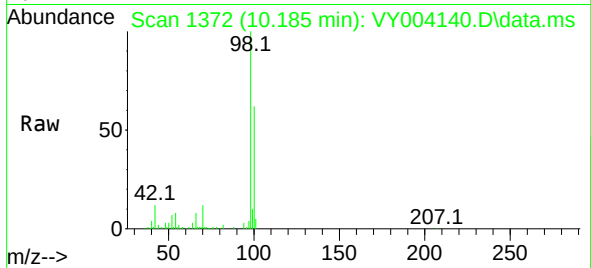




#50
Toluene-d8
Concen: 52.23 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004140.D
Acq: 19 Mar 2021 16:21

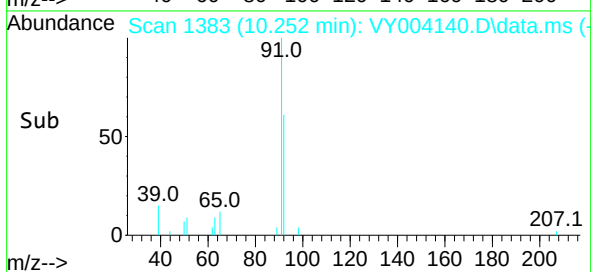
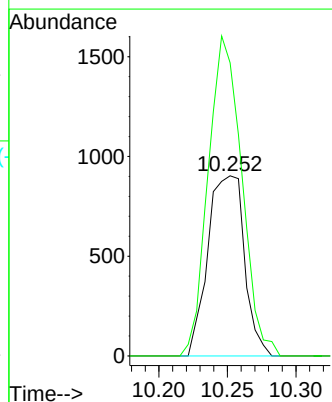
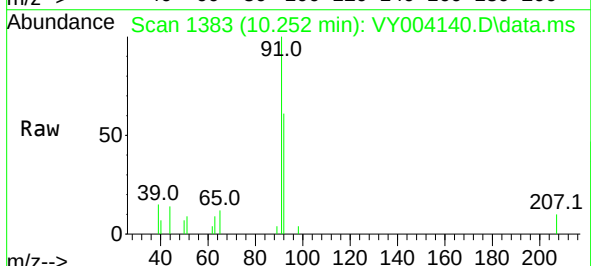
Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-15-11-13

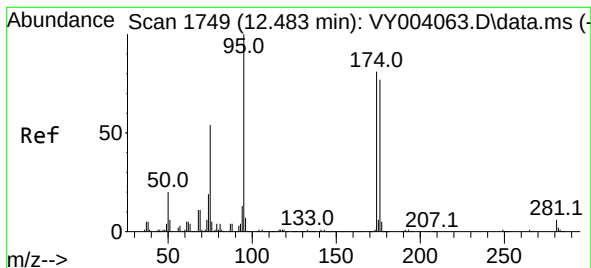
Tgt Ion: 98 Resp: 53048
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#52
Toluene
Concen: 2.27 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY004140.D
Acq: 19 Mar 2021 16:21

Tgt Ion: 92 Resp: 1675
Ion Ratio Lower Upper
92 100
91 162.8 141.0 211.4

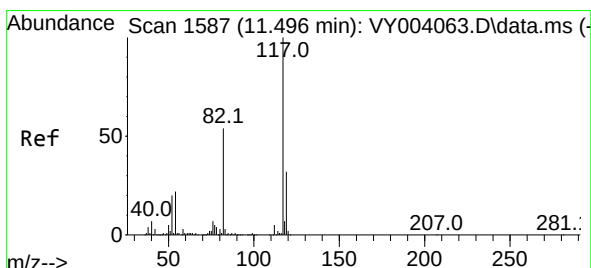
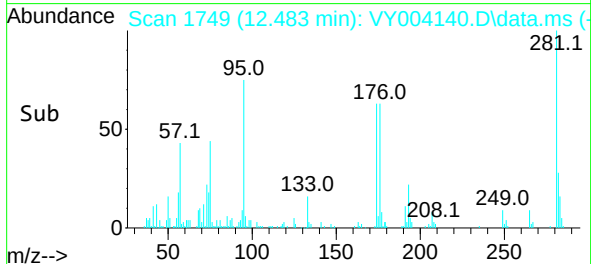
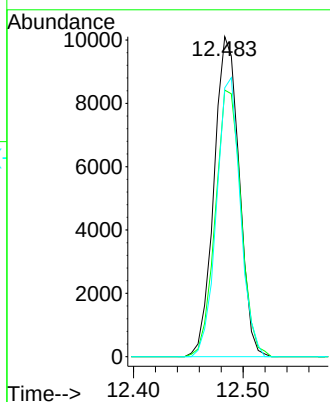
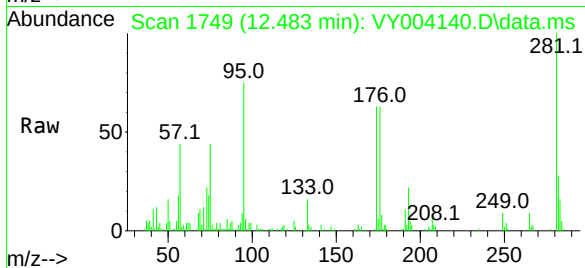




#62
4-Bromofluorobenzene
Concen: 42.95 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004140.D
Acq: 19 Mar 2021 16:21

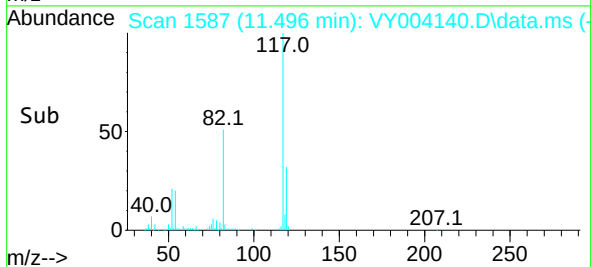
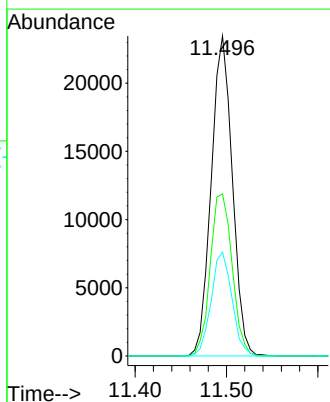
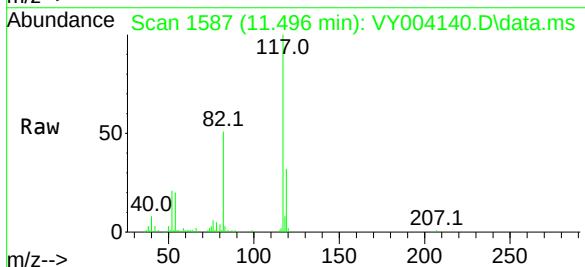
Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-15-11-13

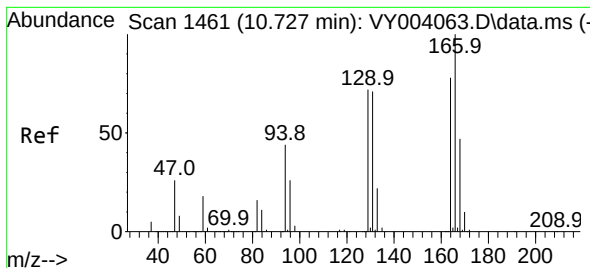
Tgt Ion: 95 Resp: 16109
Ion Ratio Lower Upper
95 100
174 84.8 0.0 179.0
176 82.2 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004140.D
Acq: 19 Mar 2021 16:21

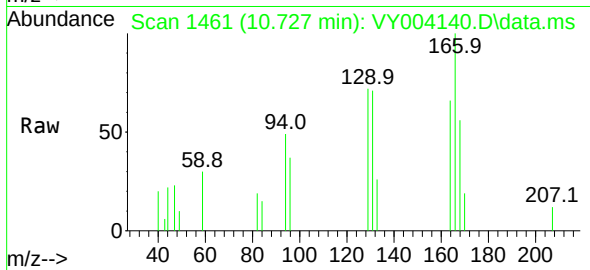
Tgt Ion: 117 Resp: 37643
Ion Ratio Lower Upper
117 100
82 50.7 43.8 65.6
119 32.4 26.2 39.2





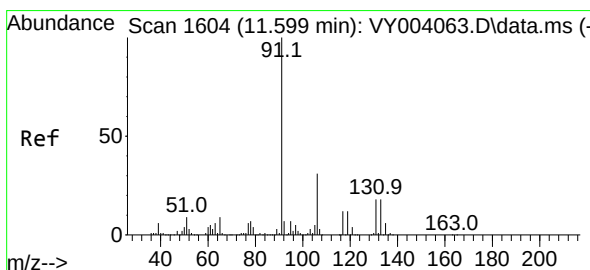
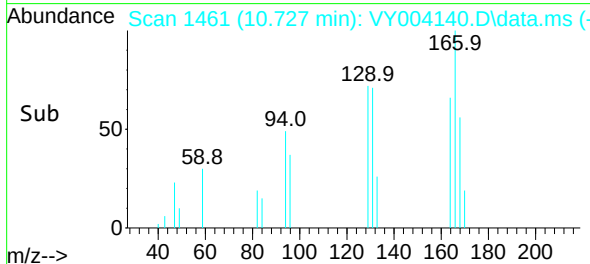
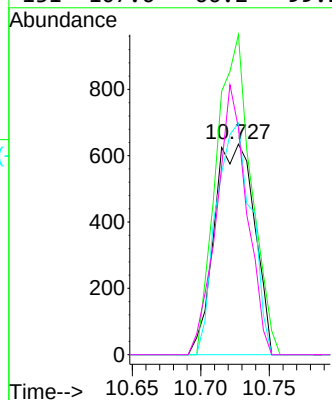
#64
Tetrachloroethene
Concen: 4.13 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY004140.D
Acq: 19 Mar 2021 16:21

Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-15-11-13



Tgt Ion:164 Resp: 1300

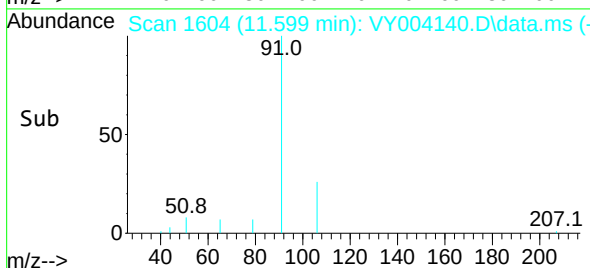
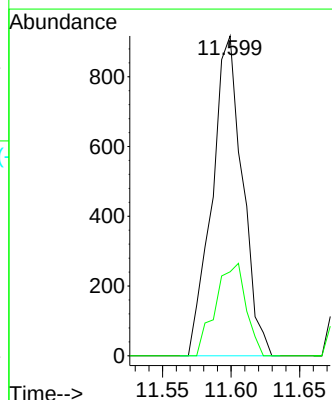
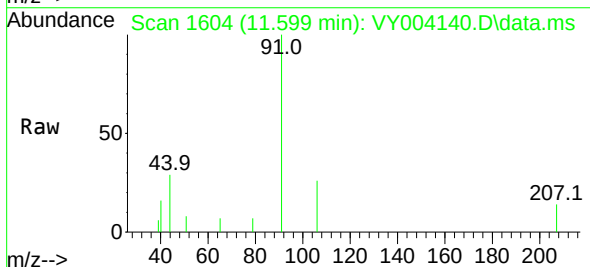
Ion	Ratio	Lower	Upper
164	100		
166	152.0	102.7	154.1
129	109.9	70.6	105.8#
131	107.6	66.2	99.2#

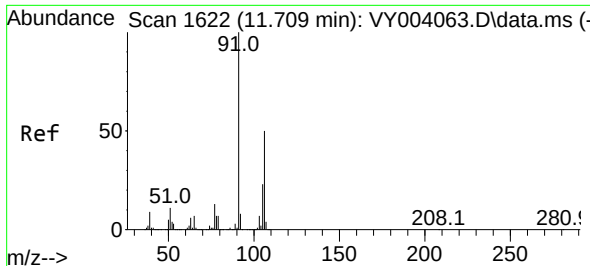


#67
Ethyl Benzene
Concen: 1.07 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY004140.D
Acq: 19 Mar 2021 16:21

Tgt Ion: 91 Resp: 1416

Ion	Ratio	Lower	Upper
91	100		
106	26.3	24.5	36.7

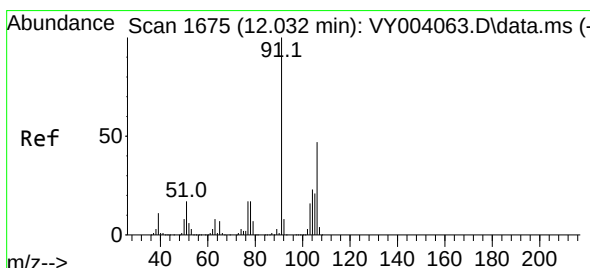
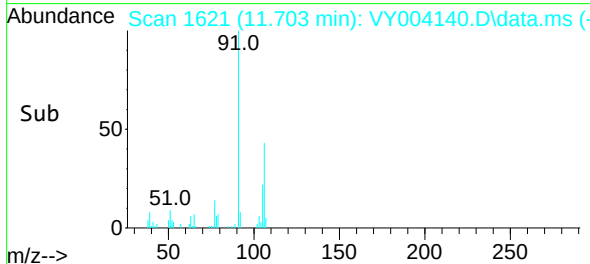
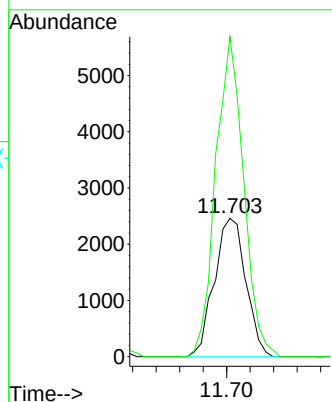
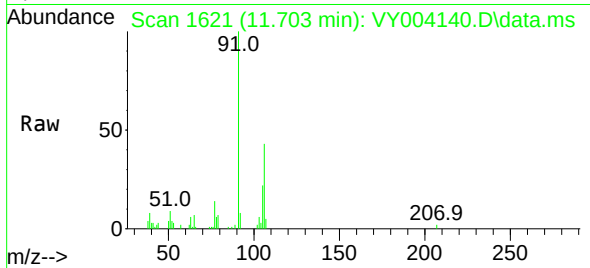




#68
m/p-Xylenes
Concen: 9.07 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004140.D
Acq: 19 Mar 2021 16:21

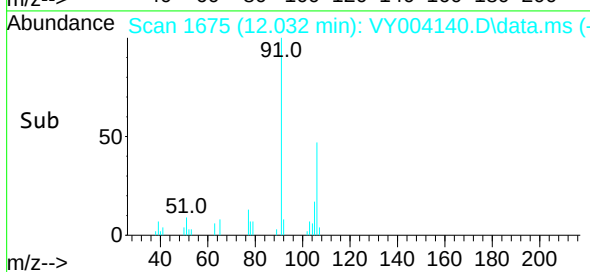
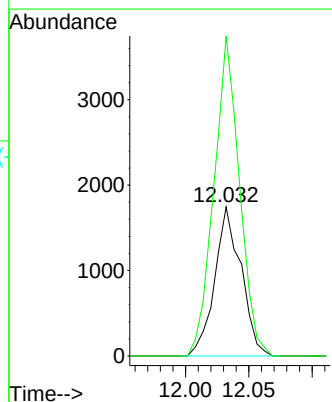
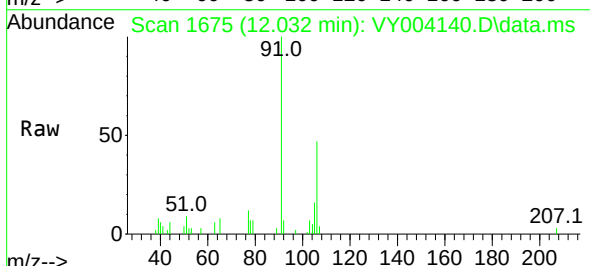
Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-15-11-13

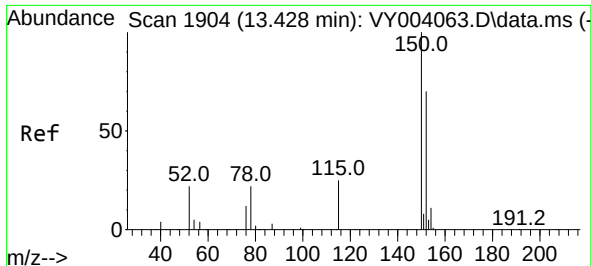
Tgt Ion:106 Resp: 4580
Ion Ratio Lower Upper
106 100
91 205.4 165.4 248.0



#69
o-Xylene
Concen: 5.30 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004140.D
Acq: 19 Mar 2021 16:21

Tgt Ion:106 Resp: 2530
Ion Ratio Lower Upper
106 100
91 208.0 108.9 326.7

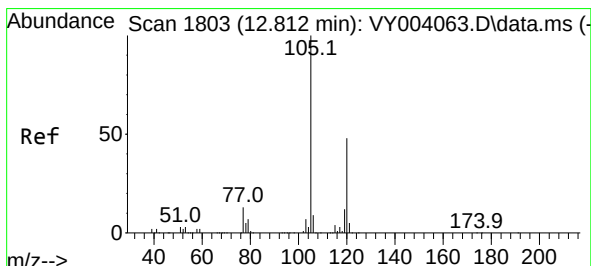
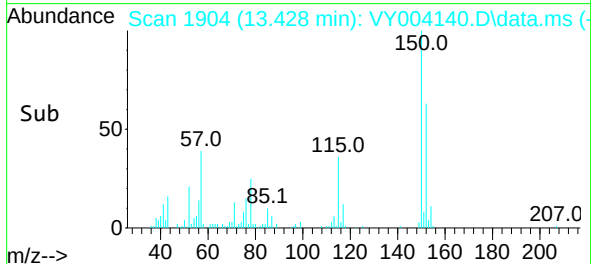
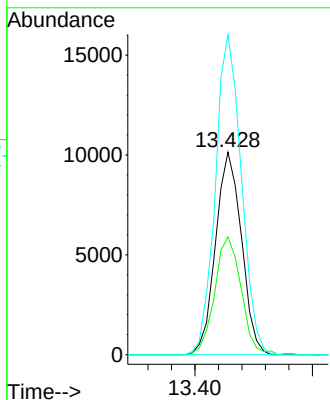
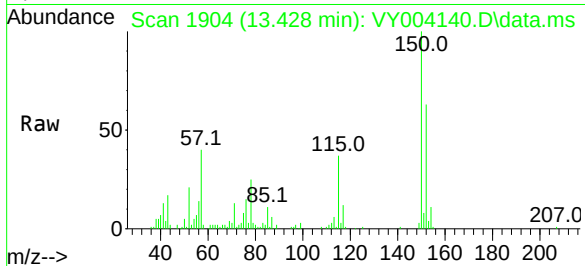




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004140.D
 Acq: 19 Mar 2021 16:21

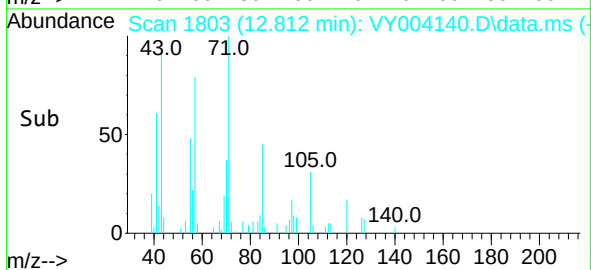
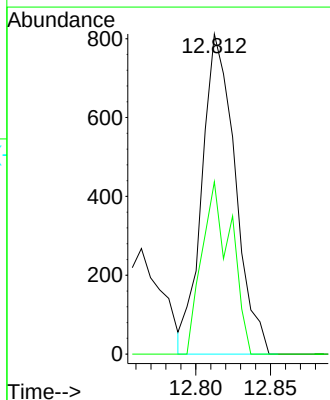
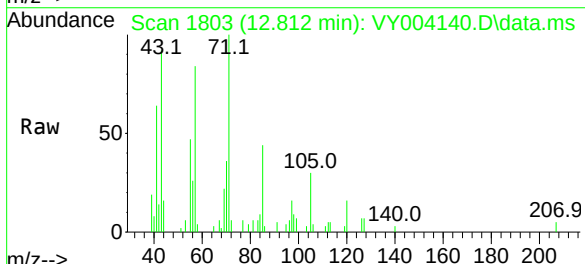
Instrument :
 MSVOA_Y
 ClientSampleId :
 FS-SB-15-11-13

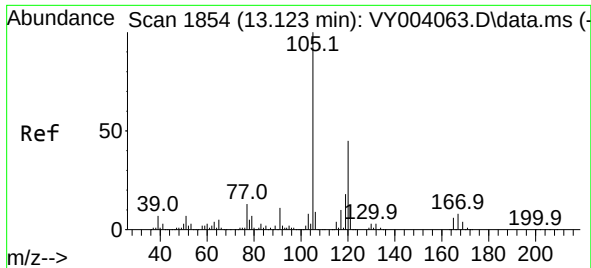
Tgt Ion:152 Resp: 15537
 Ion Ratio Lower Upper
 152 100
 115 59.5 28.2 84.6
 150 158.5 0.0 347.2



#80
 1,3,5-Trimethylbenzene
 Concen: 1.37 ug/l
 RT: 12.812 min Scan# 1803
 Delta R.T. 0.000 min
 Lab File: VY004140.D
 Acq: 19 Mar 2021 16:21

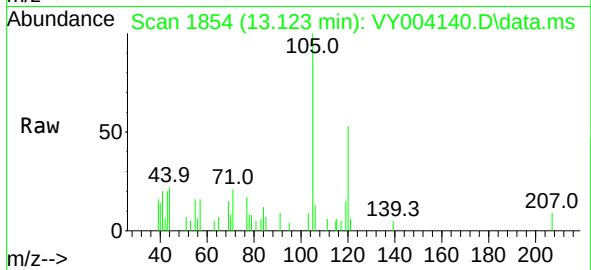
Tgt Ion:105 Resp: 1253
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.1 72.2





#84
 1,2,4-Trimethylbenzene
 Concen: 2.43 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY004140.D
 Acq: 19 Mar 2021 16:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 FS-SB-15-11-13



Tgt Ion:105 Resp: 2228
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.1 66.3

