

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
 Data File : VY004139.D
 Acq On : 19 Mar 2021 15:58
 Operator : SY/MD
 Sample : M1721-03
 Misc : 3.35g/5mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-08-031821

Quant Time: Mar 20 03:14:44 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)

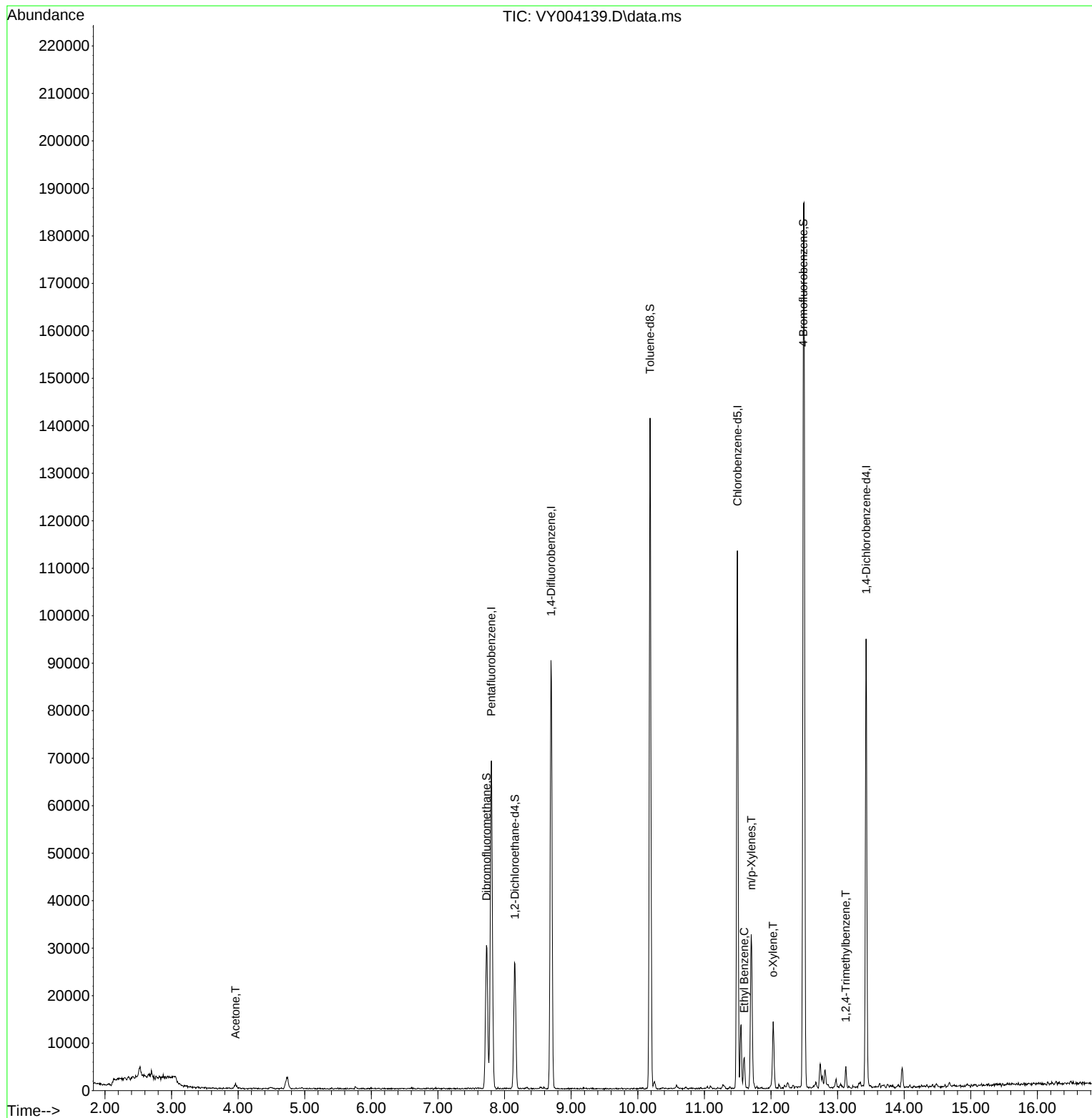
Internal Standards						
1) Pentafluorobenzene	7.801	168	53211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	78704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	59923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23954	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	20802	39.61	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	79.22%		
35) Dibromofluoromethane	7.728	113	20634	46.49	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.98%		
50) Toluene-d8	10.185	98	88588	50.91	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.82%		
62) 4-Bromofluorobenzene	12.483	95	24741	38.50	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	77.00%		
Target Compounds						Qvalue
16) Acetone	3.961	43	1650	13.02	ug/l	99
67) Ethyl Benzene	11.599	91	4641	2.20	ug/l	92
68) m/p-Xylenes	11.703	106	9818	12.21	ug/l	92
69) o-Xylene	12.032	106	3548	4.67	ug/l	90
84) 1,2,4-Trimethylbenzene	13.123	105	2340	1.65	ug/l	93

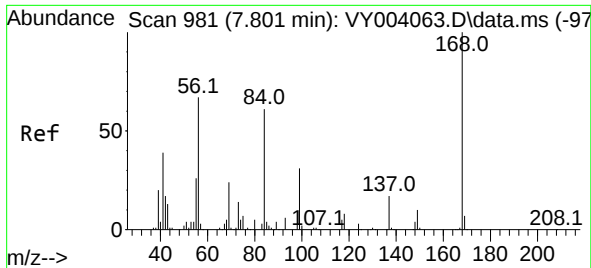
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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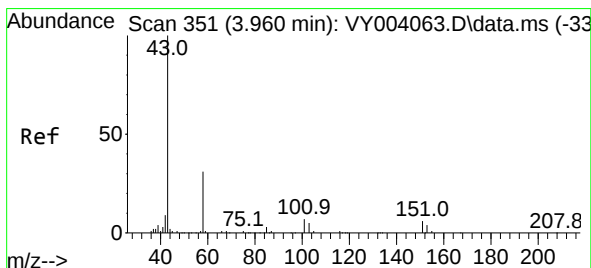
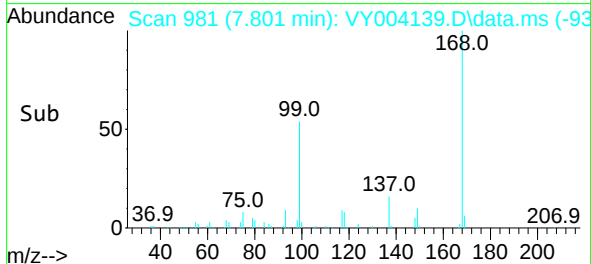
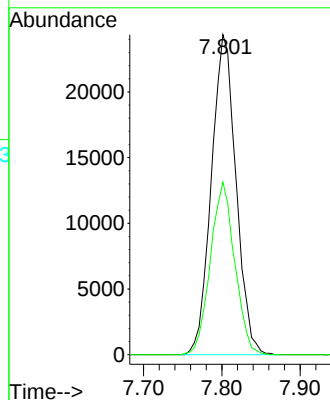
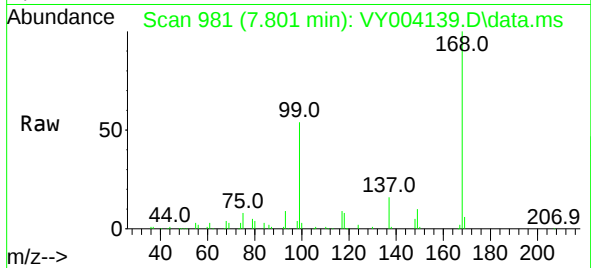




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

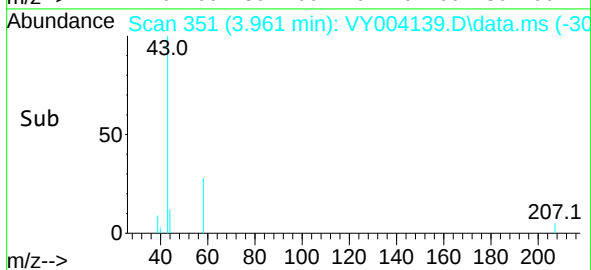
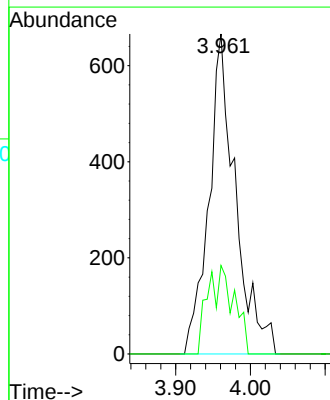
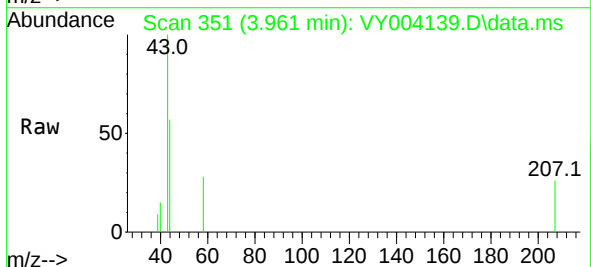
Instrument :
MSVOA_Y
ClientSampleId :
TR-08-031821

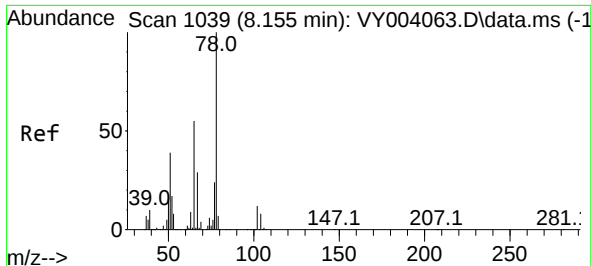
Tgt Ion:168 Resp: 53211
Ion Ratio Lower Upper
168 100
99 53.9 41.2 61.8



#16
Acetone
Concen: 13.02 ug/l
RT: 3.961 min Scan# 351
Delta R.T. 0.001 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

Tgt Ion: 43 Resp: 1650
Ion Ratio Lower Upper
43 100
58 27.6 22.6 34.0

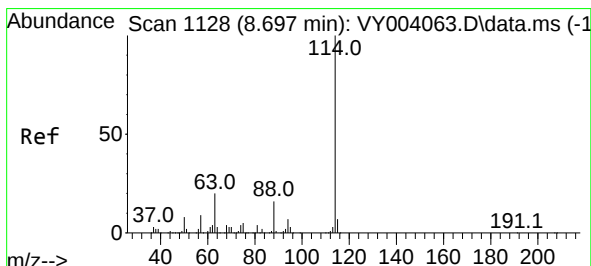
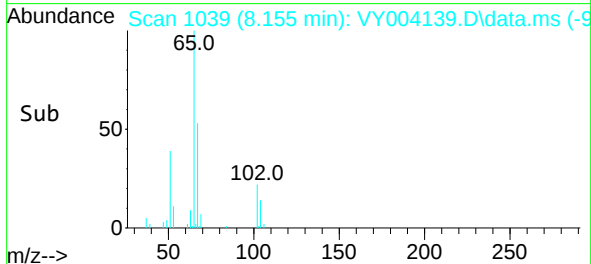
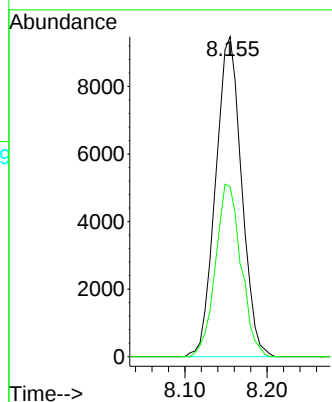
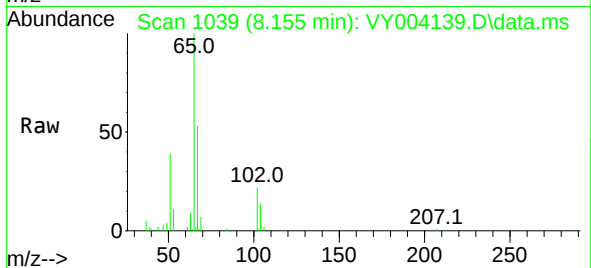




#33
1,2-Dichloroethane-d4
Concen: 39.61 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

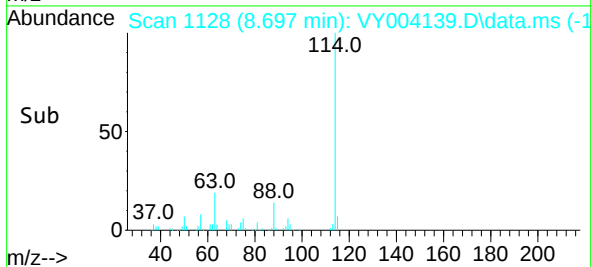
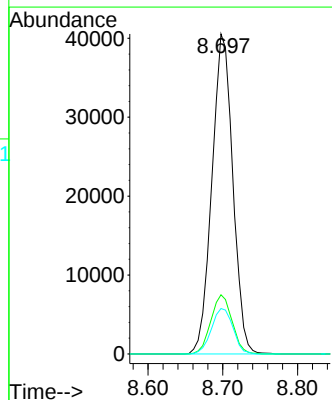
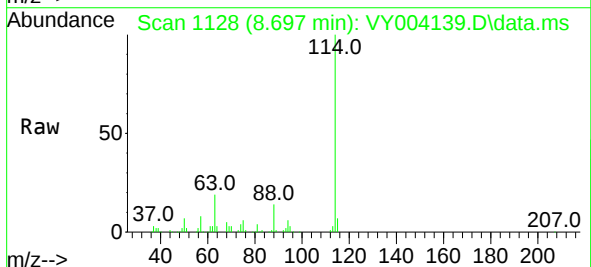
Instrument :
MSVOA_Y
ClientSampleId :
TR-08-031821

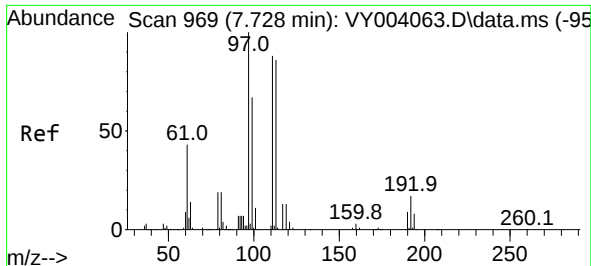
Tgt Ion: 65 Resp: 20802
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

Tgt Ion: 114 Resp: 78704
Ion Ratio Lower Upper
114 100
63 18.5 0.0 41.6
88 14.2 0.0 31.4

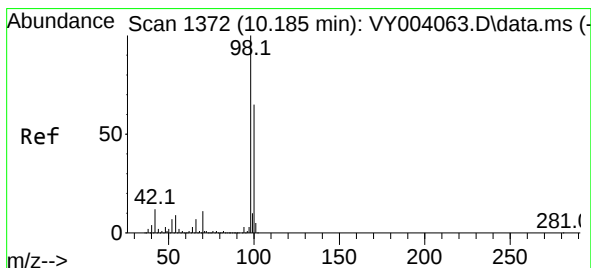
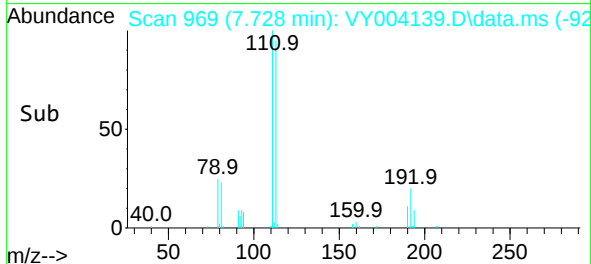
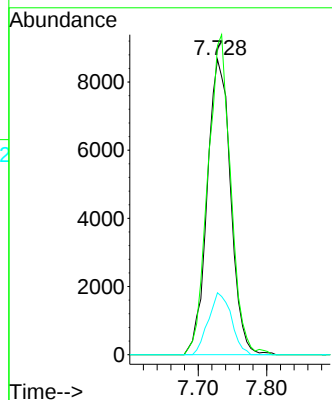
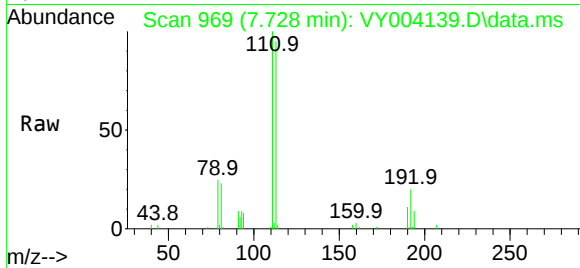




#35
Dibromofluoromethane
Concen: 46.49 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

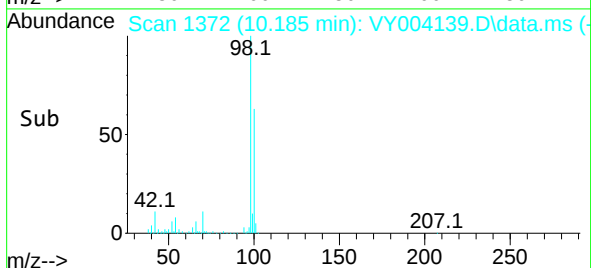
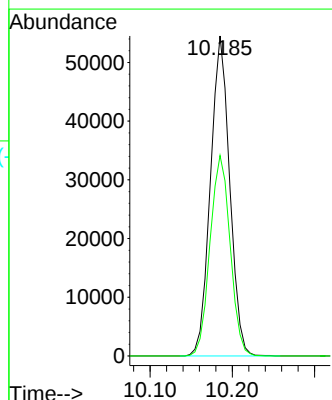
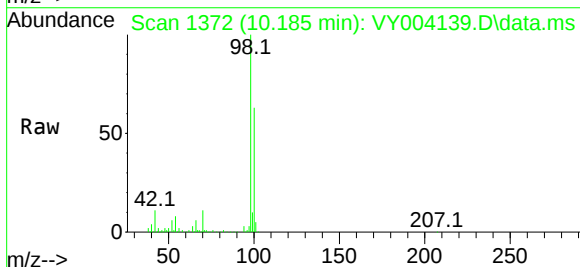
Instrument :
MSVOA_Y
ClientSampleId :
TR-08-031821

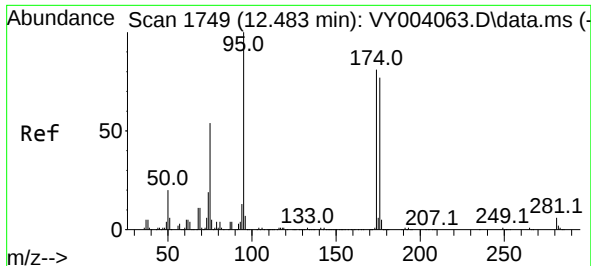
Tgt Ion:113 Resp: 20634
Ion Ratio Lower Upper
113 100
111 105.3 83.2 124.8
192 20.4 18.5 27.7



#50
Toluene-d8
Concen: 50.91 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

Tgt Ion: 98 Resp: 88588
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

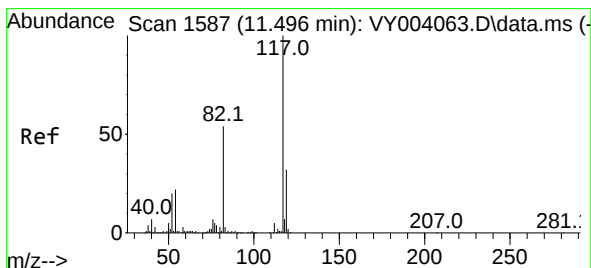
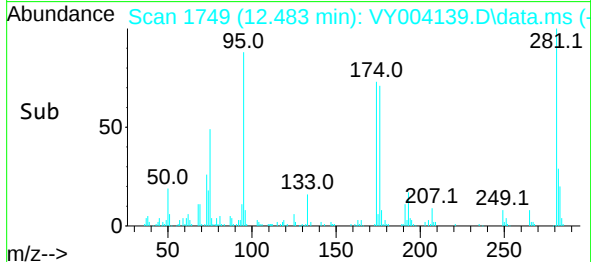
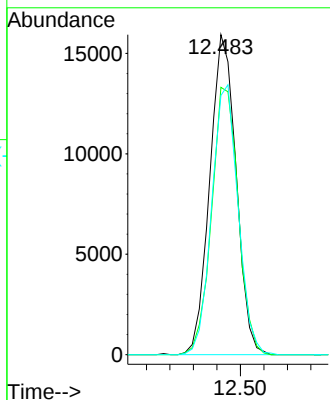
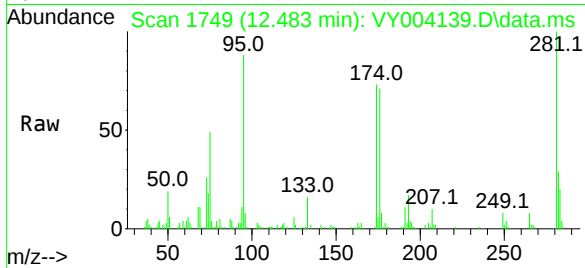




#62
4-Bromofluorobenzene
Concen: 38.50 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

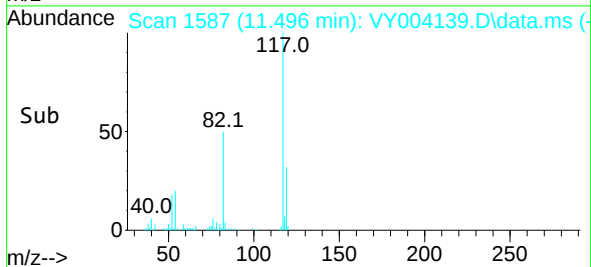
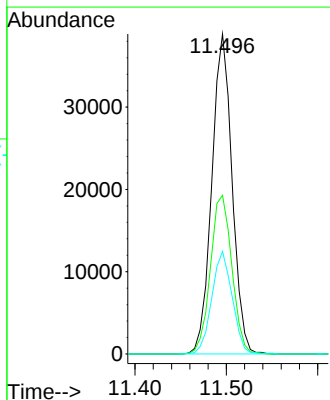
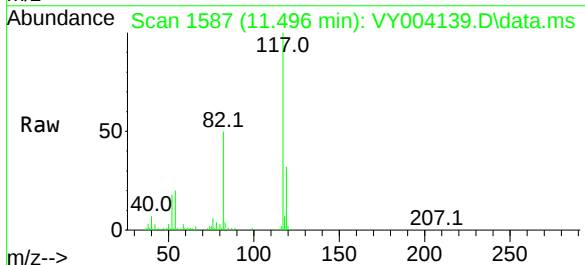
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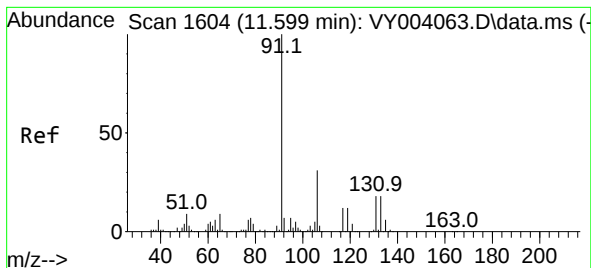
Tgt Ion:	95	Resp:	24741
Ion Ratio	Lower	Upper	
95	100		
174	84.6	0.0	179.0
176	84.6	0.0	174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

Tgt Ion:	117	Resp:	59923
Ion Ratio	Lower	Upper	
117	100		
82	49.6	43.8	65.6
119	32.1	26.2	39.2

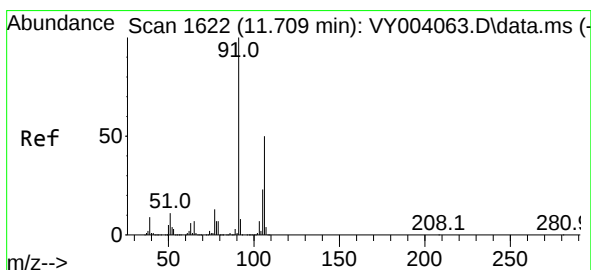
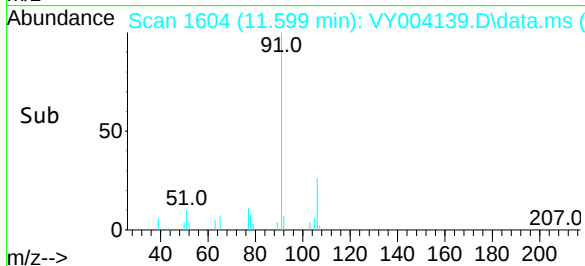
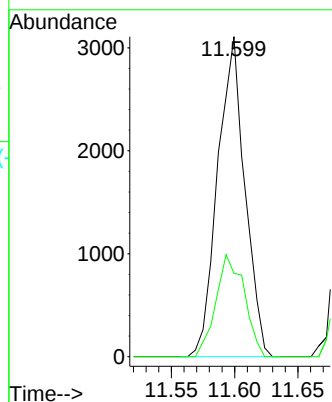
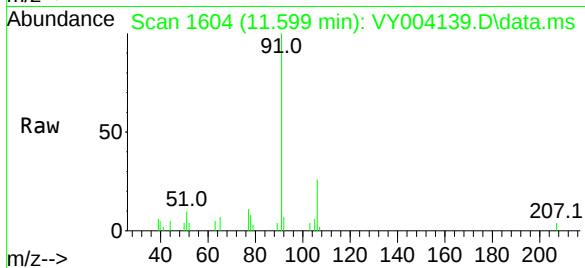




#67
Ethyl Benzene
Concen: 2.20 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

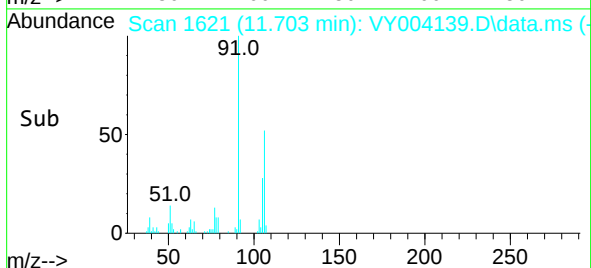
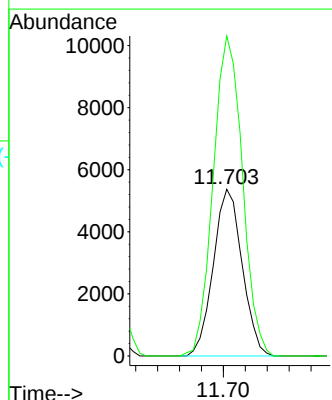
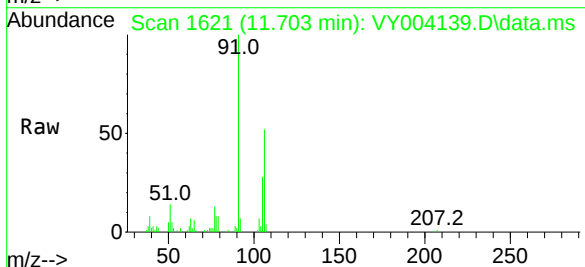
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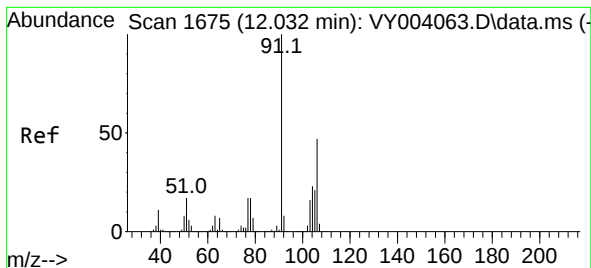
Tgt Ion: 91 Resp: 4641
Ion Ratio Lower Upper
91 100
106 26.1 24.5 36.7



#68
m/p-Xylenes
Concen: 12.21 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

Tgt Ion: 106 Resp: 9818
Ion Ratio Lower Upper
106 100
91 194.4 165.4 248.0

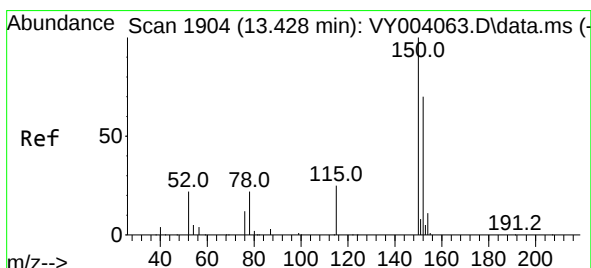
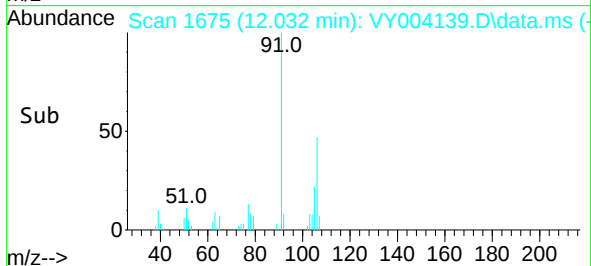
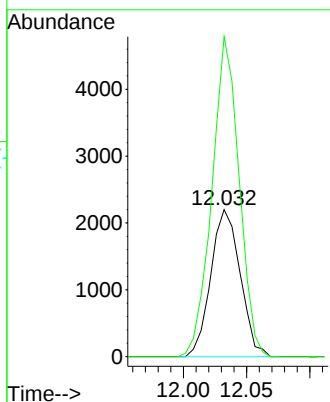
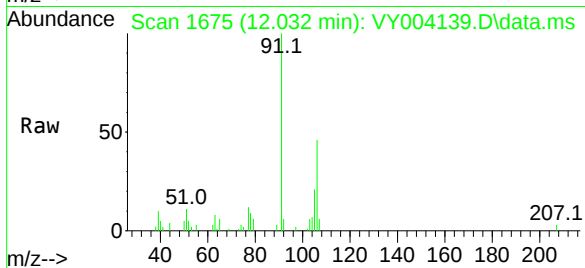




#69
o-Xylene
Concen: 4.67 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

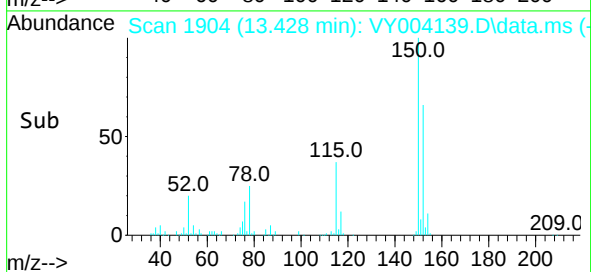
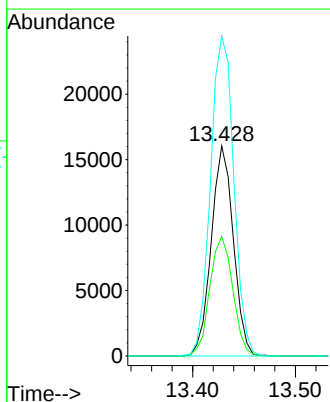
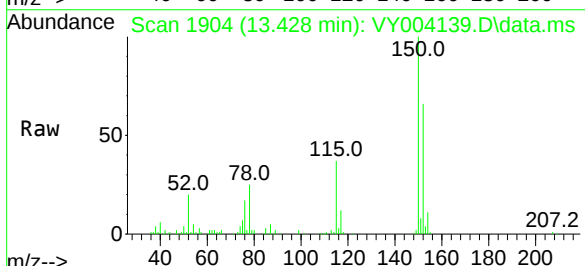
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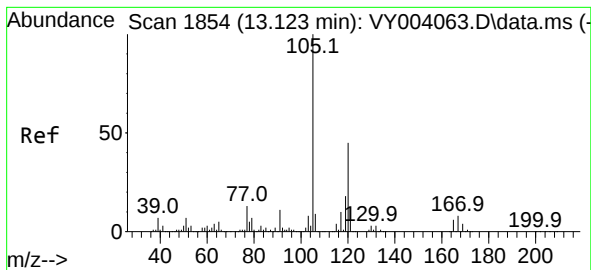
Tgt Ion:106 Resp: 3548
Ion Ratio Lower Upper
106 100
91 201.4 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

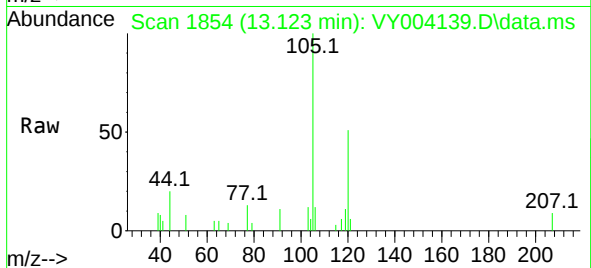
Tgt Ion:152 Resp: 23954
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.6
150 160.2 0.0 347.2





#84
 1,2,4-Trimethylbenzene
 Concen: 1.65 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY004139.D
 Acq: 19 Mar 2021 15:58

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:105 Resp: 2340
 Ion Ratio Lower Upper
 105 100
 120 49.0 22.1 66.3

