

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)

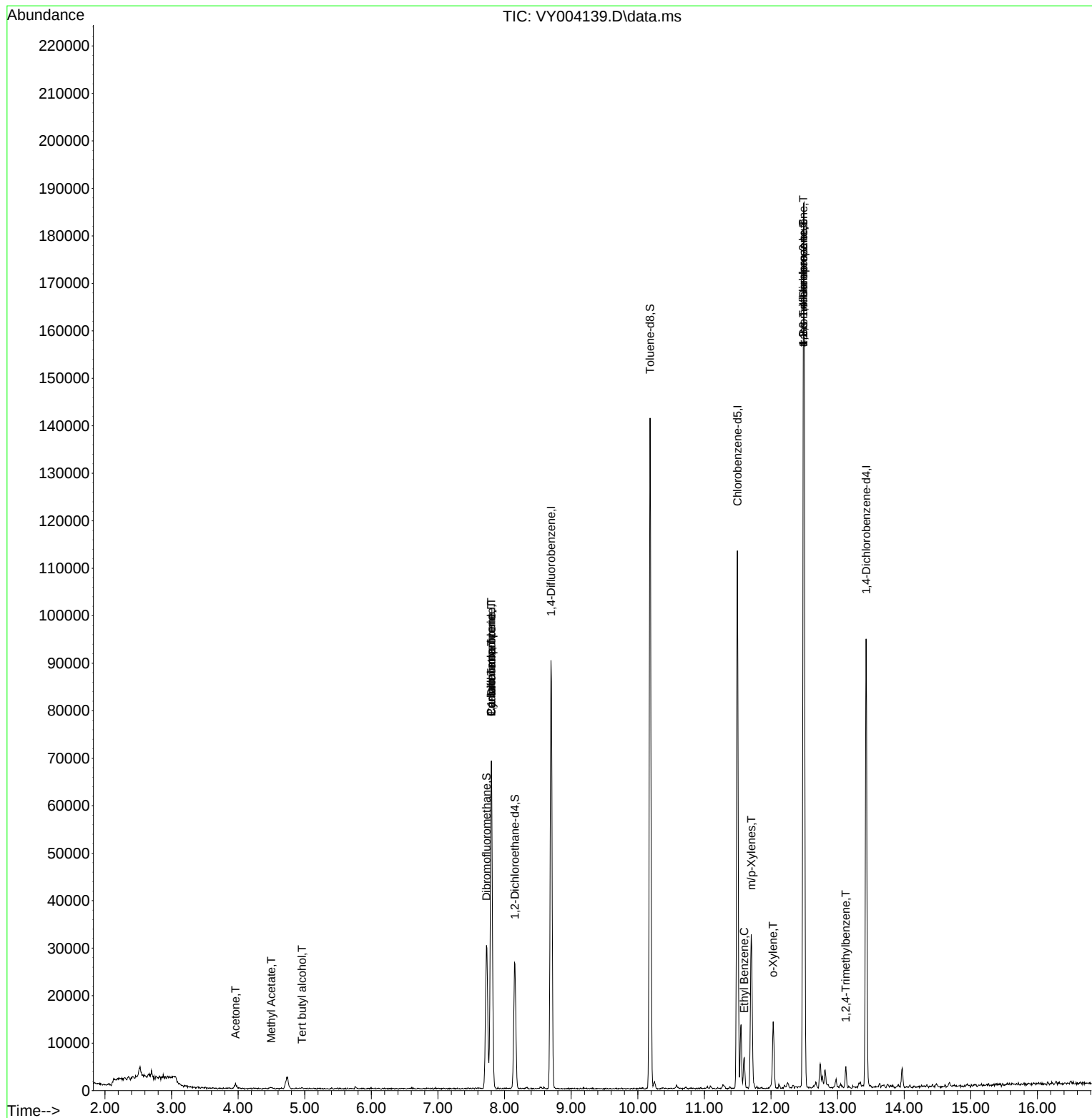
Internal Standards						
1) Pentafluorobenzene	7.801	168	53211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	78704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	59923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23954	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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
3) Chloromethane	2.119	50	167	Below Cal	#	43
11) Tert butyl alcohol	4.960	59	123	2.59	ug/l #	76
16) Acetone	3.961	43	1650	13.02	ug/l	99
18) Methyl Acetate	4.497	43	543	1.73	ug/l #	65
20) Methylene Chloride	4.741	84	1918	Below Cal	#	84
31) Cyclohexane	7.801	56	1108	1.20	ug/l #	39
36) 1,1-Dichloropropene	7.801	75	4018	5.81	ug/l #	51
38) Carbon Tetrachloride	7.801	117	5106	6.96	ug/l #	18
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
76) 1,2,3-Trichloropropane	12.483	75	14260	62.09	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14260	122.53	ug/l #	14
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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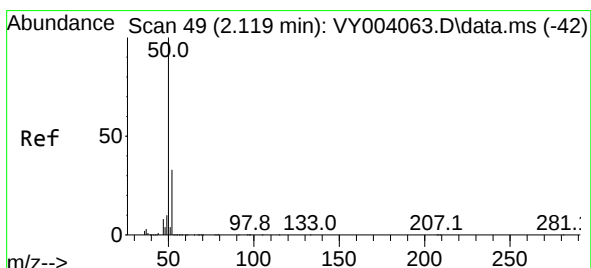
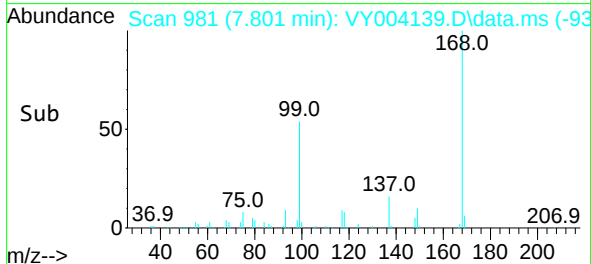
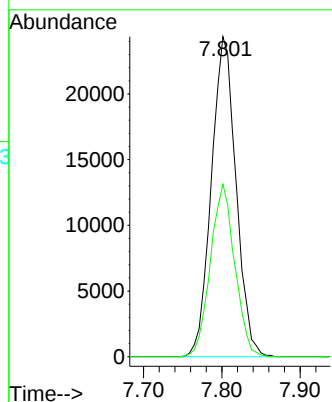
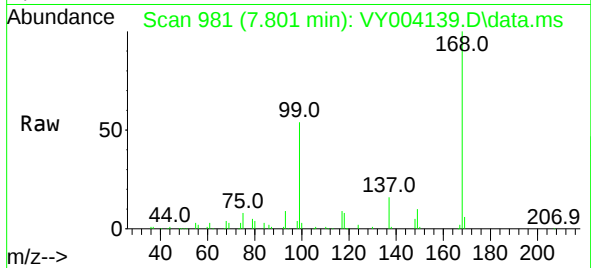




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

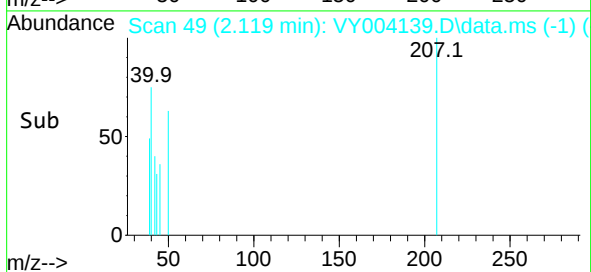
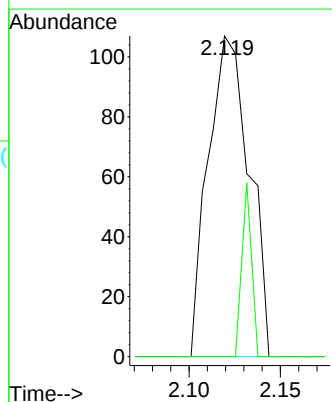
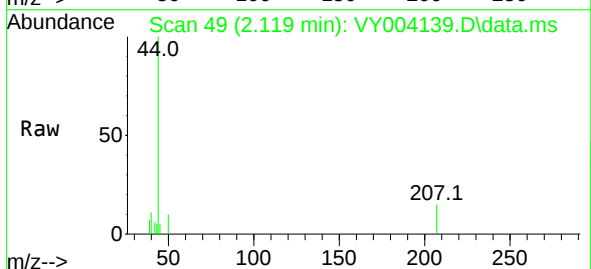
Instrument :
MSVOA_Y
ClientSampleId :
TR-08-031821

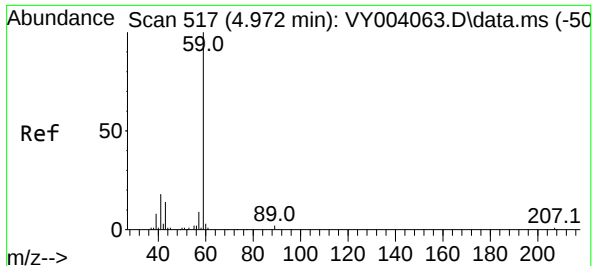
Tgt Ion:168 Resp: 53211
Ion Ratio Lower Upper
168 100
99 53.9 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

Tgt Ion: 50 Resp: 167
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



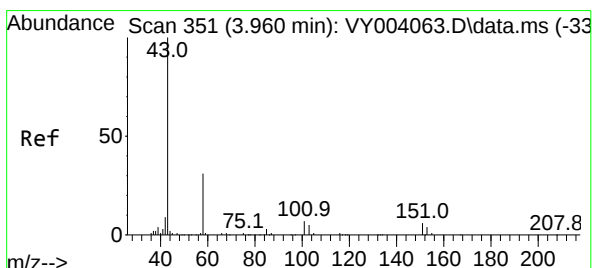
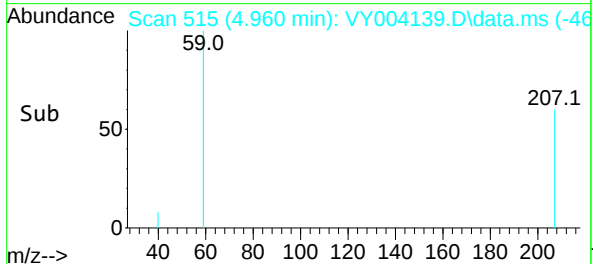
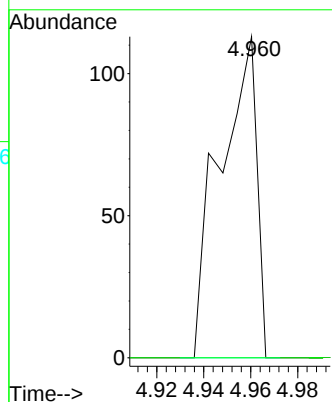
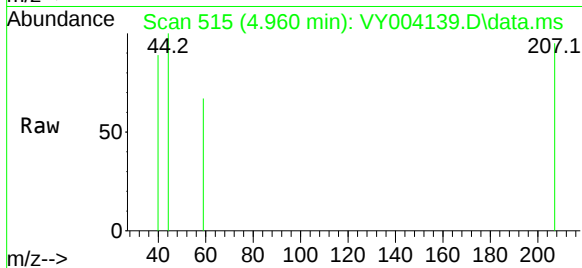


#11

Tert butyl alcohol
Concen: 2.59 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

Instrument :
MSVOA_Y
ClientSampleId :
TR-08-031821

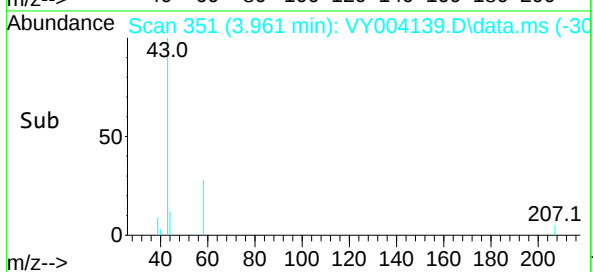
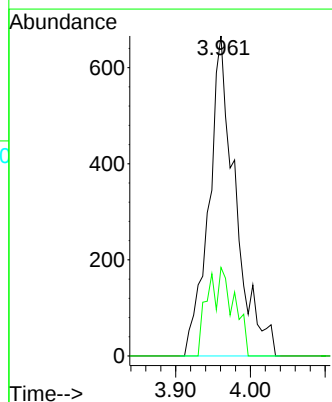
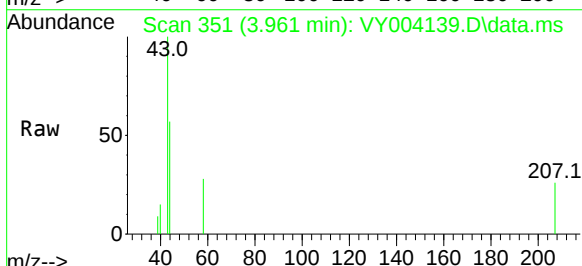
Tgt Ion: 59 Resp: 123
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

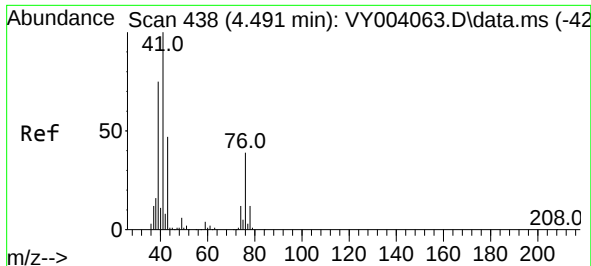


#16

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

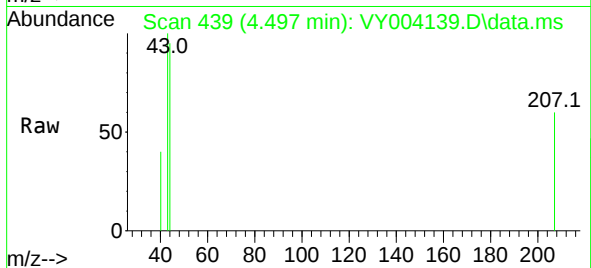
Tgt Ion: 43 Resp: 1650
Ion Ratio Lower Upper
43 100
58 27.6 22.6 34.0



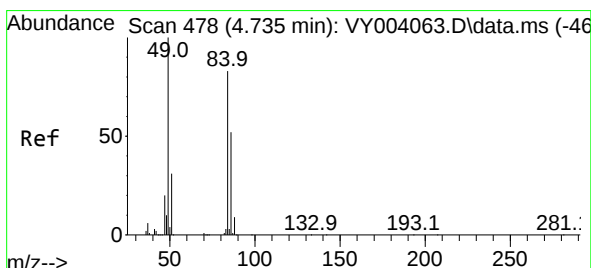
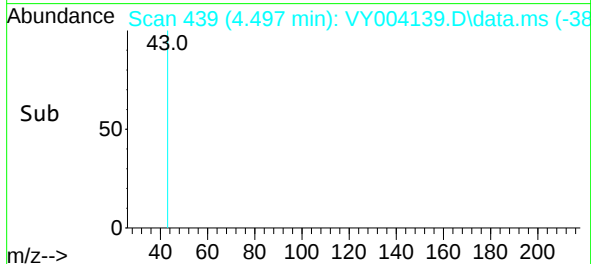
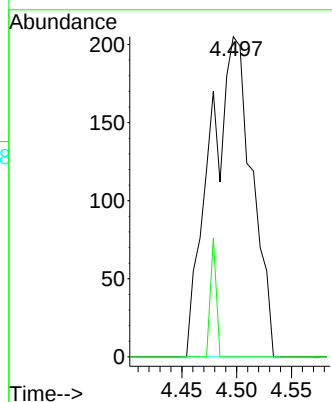


#18
Methyl Acetate
Concen: 1.73 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

Instrument :
MSVOA_Y
ClientSampleId :
TR-08-031821

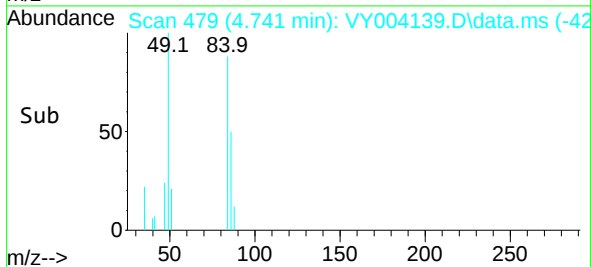
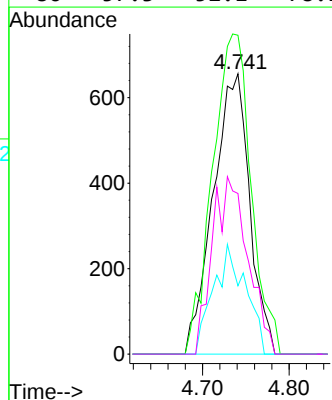
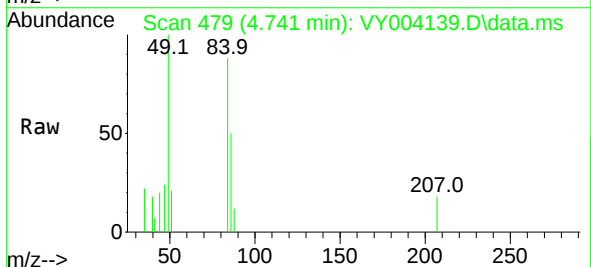


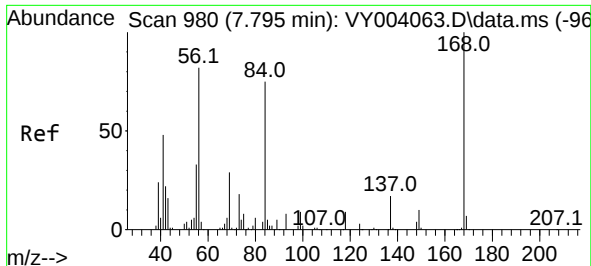
Tgt Ion: 43 Resp: 543
Ion Ratio Lower Upper
43 100
74 5.2 17.6 26.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

Tgt Ion: 84 Resp: 1918
Ion Ratio Lower Upper
84 100
49 113.7 105.8 158.6
51 24.4 32.6 48.8#
86 57.3 52.1 78.1

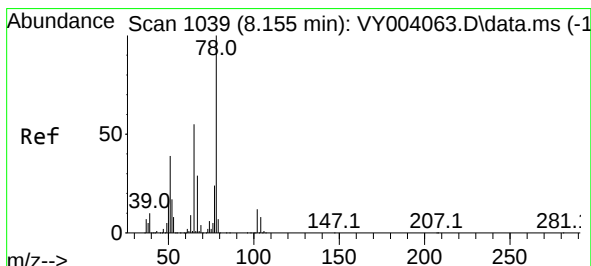
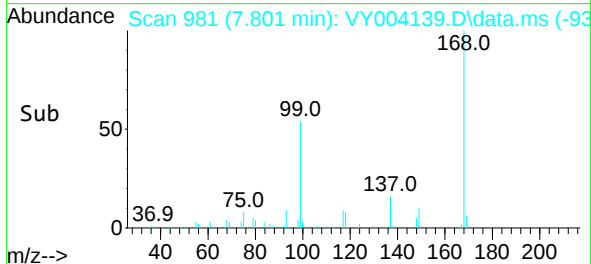
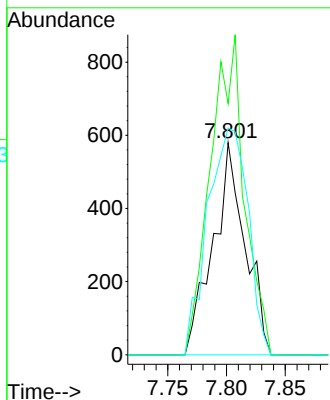
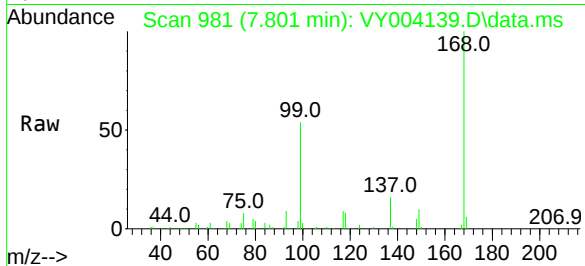




#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

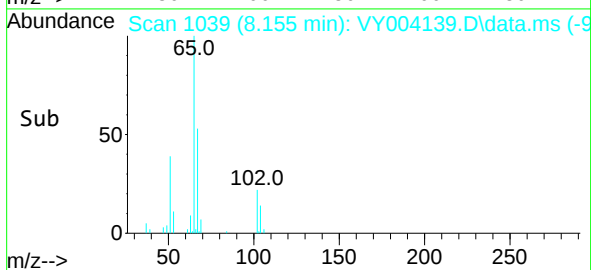
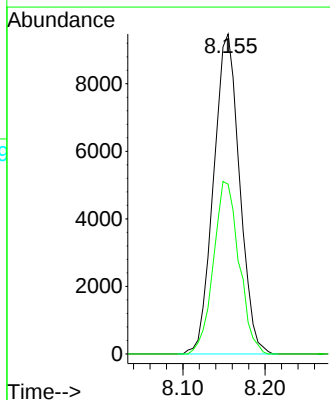
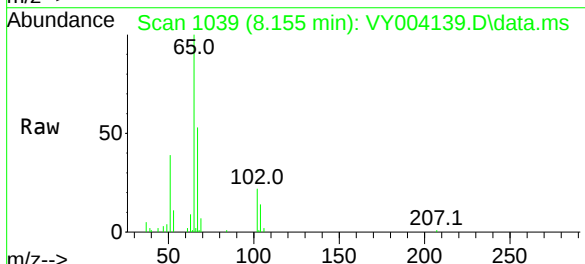
Instrument :
MSVOA_Y
ClientSampleId :
TR-08-031821

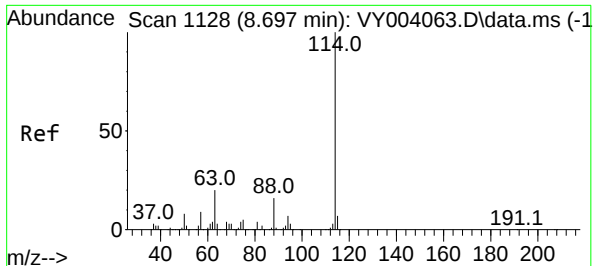
Tgt Ion: 56 Resp: 1108
Ion Ratio Lower Upper
56 100
69 118.4 25.3 37.9#
84 106.9 67.3 100.9#



#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

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

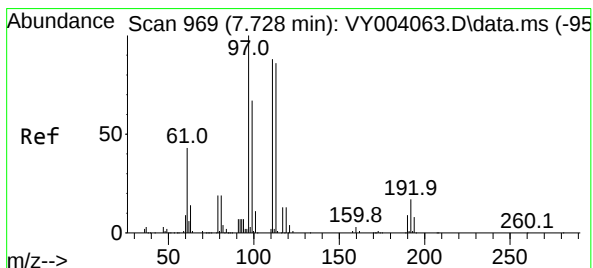
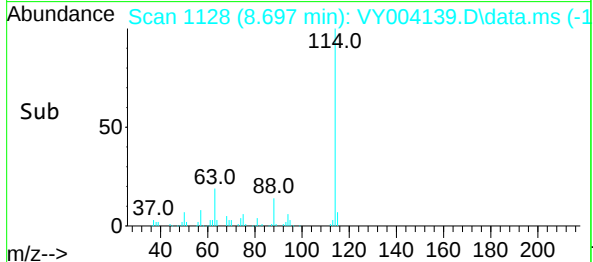
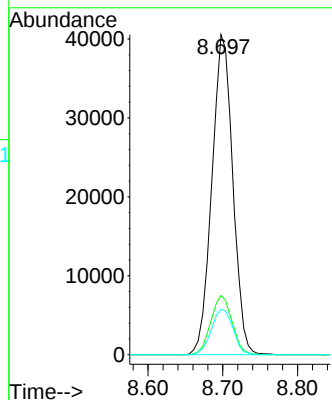
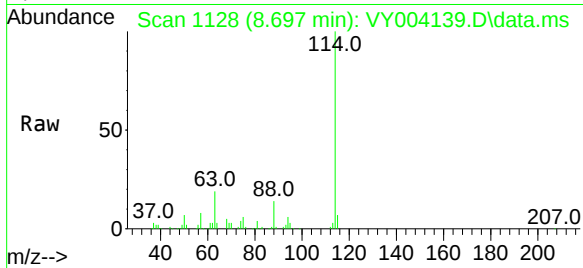




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

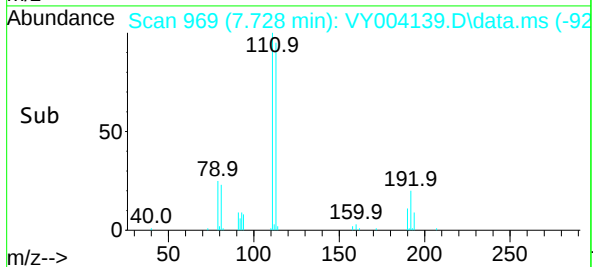
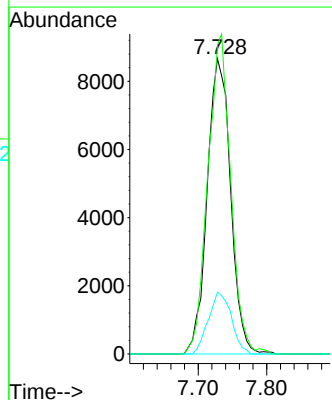
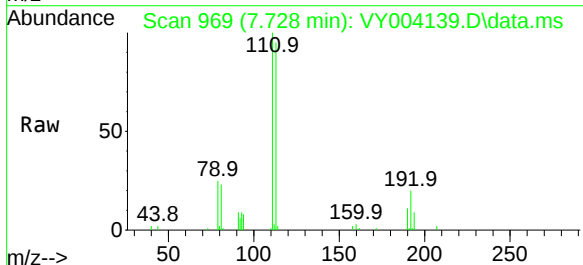
Instrument :
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ClientSampleId :
TR-08-031821

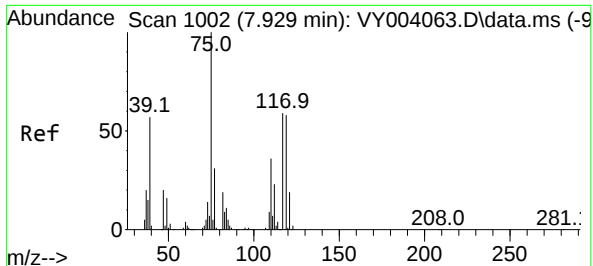
Tgt Ion:	114	Resp:	78704
Ion Ratio	Lower	Upper	
114	100		
63	18.5	0.0	41.6
88	14.2	0.0	31.4



#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

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



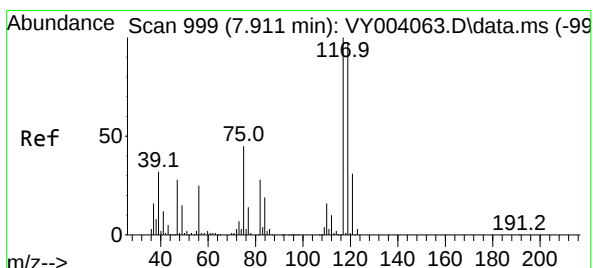
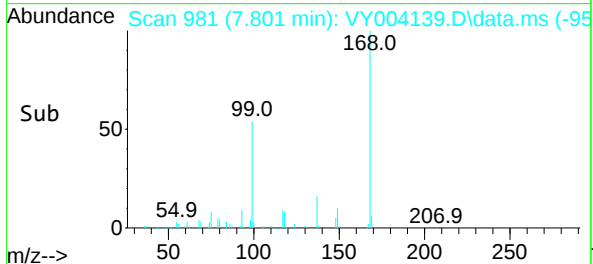
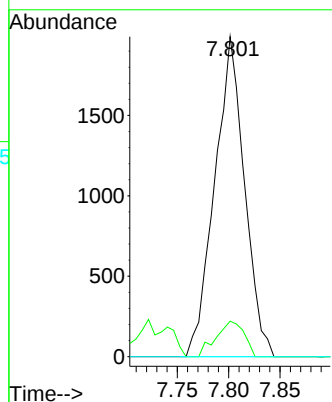
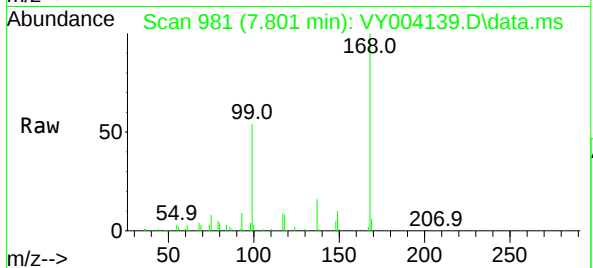


#36

1,1-Dichloropropene
Concen: 5.81 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

Instrument :
MSVOA_Y
ClientSampleId :
TR-08-031821

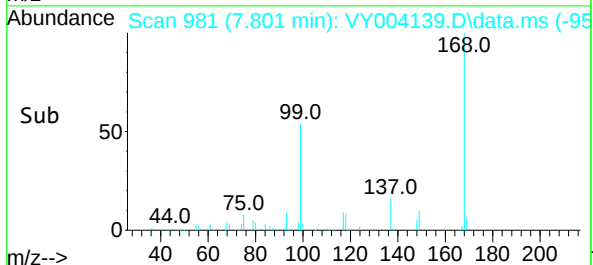
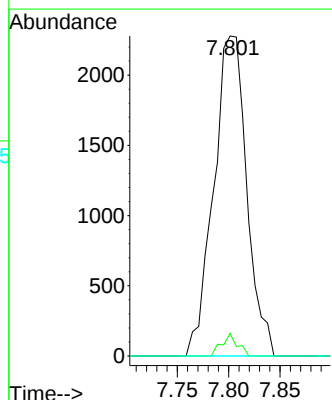
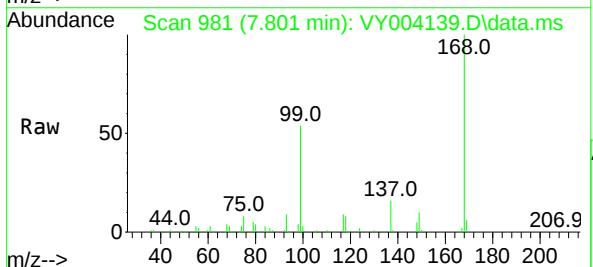
Tgt Ion: 75 Resp: 4018
Ion Ratio Lower Upper
75 100
110 10.4 17.4 52.3#
77 0.0 24.5 36.7#

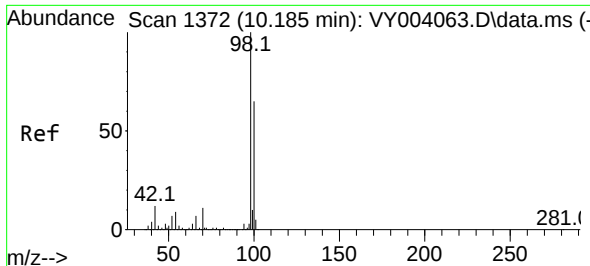


#38

Carbon Tetrachloride
Concen: 6.96 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

Tgt Ion: 117 Resp: 5106
Ion Ratio Lower Upper
117 100
119 7.1 75.4 113.0#
121 0.0 24.2 36.2#

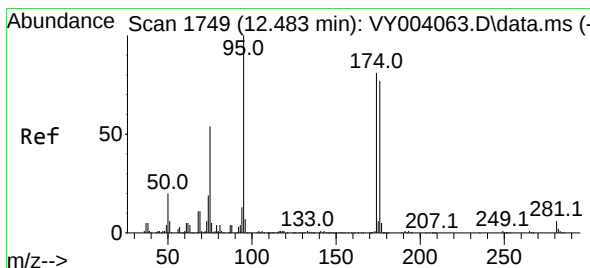
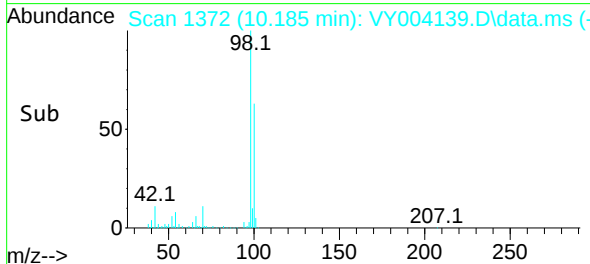
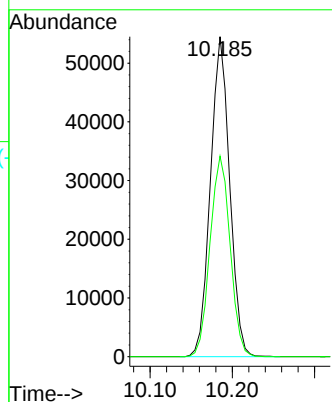
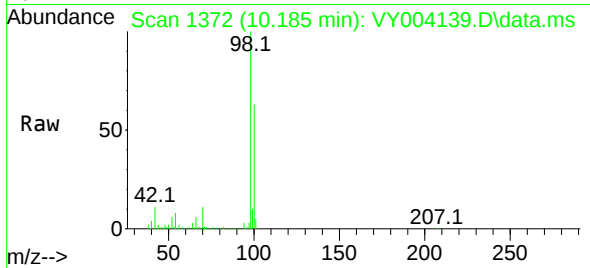




#50
Toluene-d8
Concen: 50.91 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

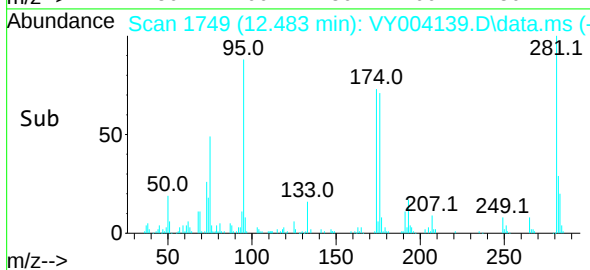
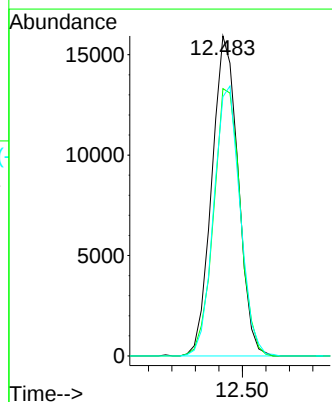
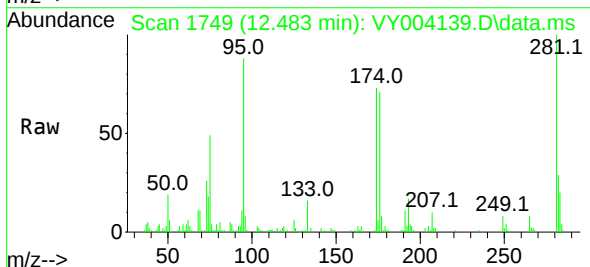
Instrument :
MSVOA_Y
ClientSampleId :
TR-08-031821

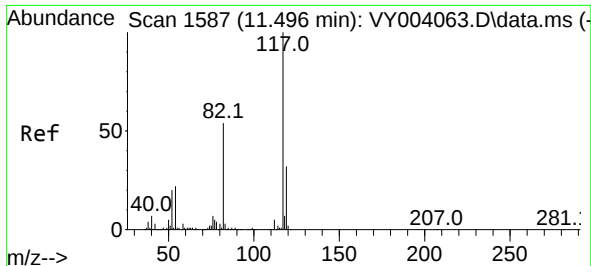
Tgt Ion: 98 Resp: 88588
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#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

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

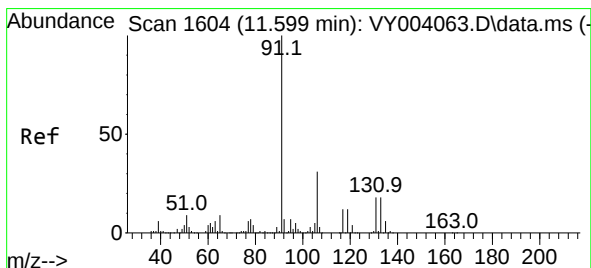
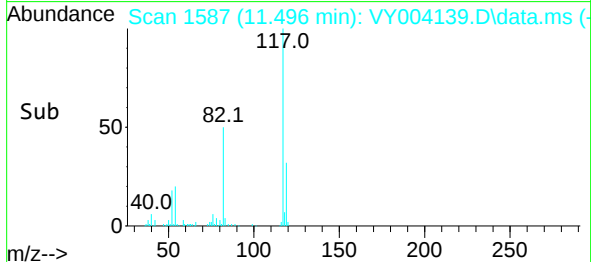
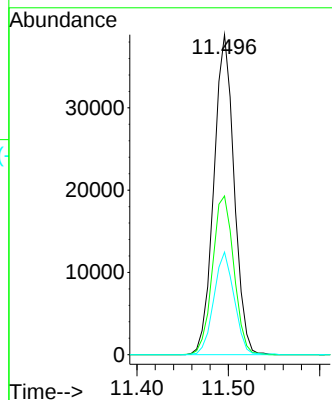
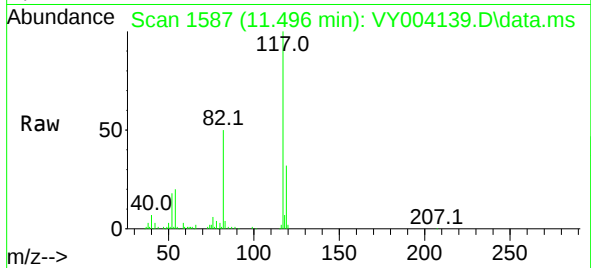




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

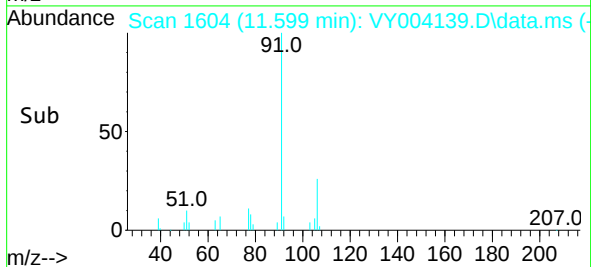
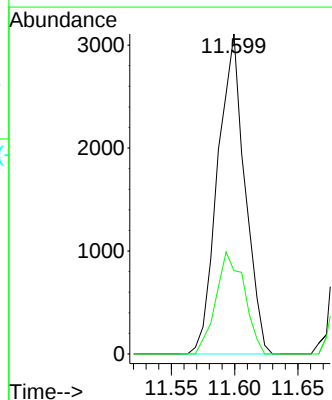
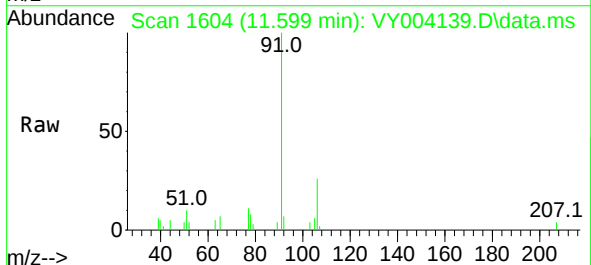
Instrument :
MSVOA_Y
ClientSampleId :
TR-08-031821

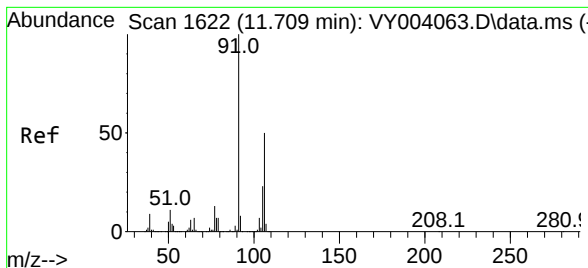
Tgt Ion:117	Resp:	59923
Ion	Ratio	Lower Upper
117	100	
82	49.6	43.8 65.6
119	32.1	26.2 39.2



#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

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

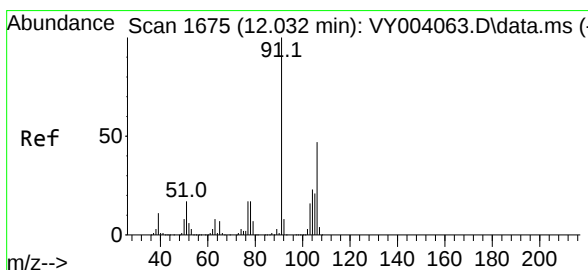
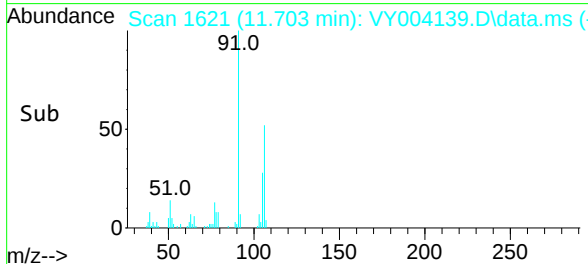
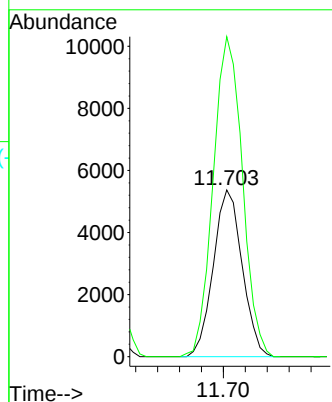
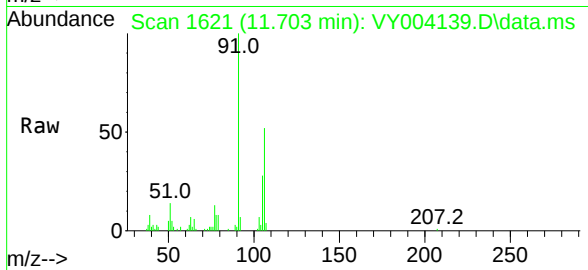




#68
m/p-Xylenes
Concen: 12.21 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004139.D
Acq: 19 Mar 2021 15:58

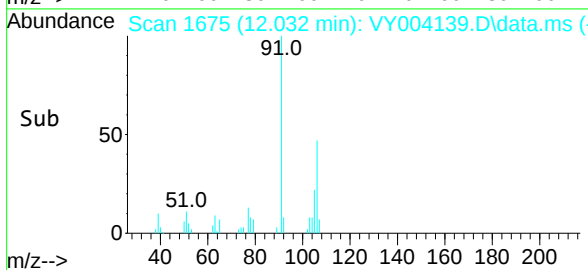
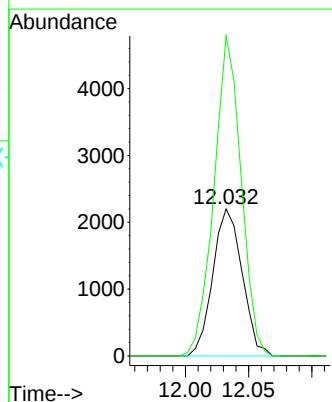
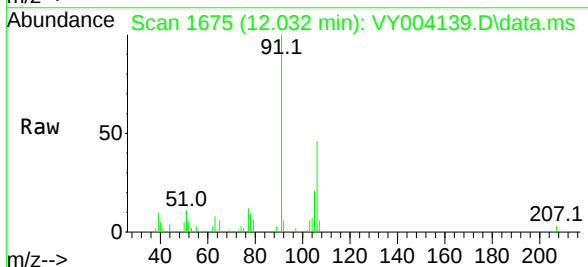
Instrument :
MSVOA_Y
ClientSampleId :
TR-08-031821

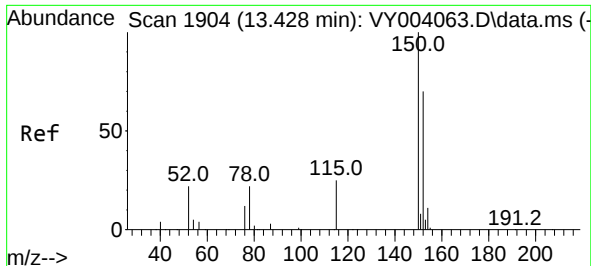
Tgt Ion:106 Resp: 9818
Ion Ratio Lower Upper
106 100
91 194.4 165.4 248.0



#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

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

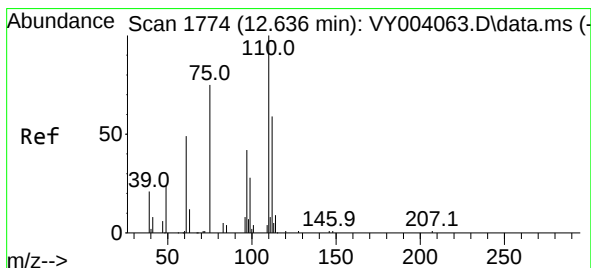
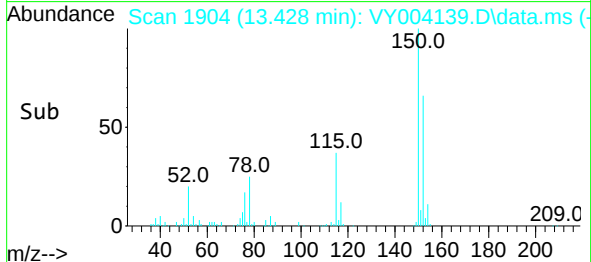
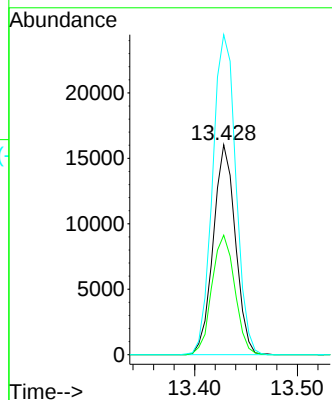
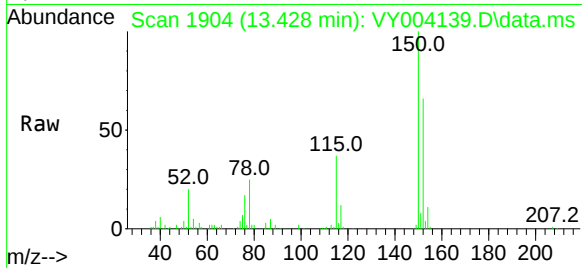




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004139.D
 Acq: 19 Mar 2021 15:58

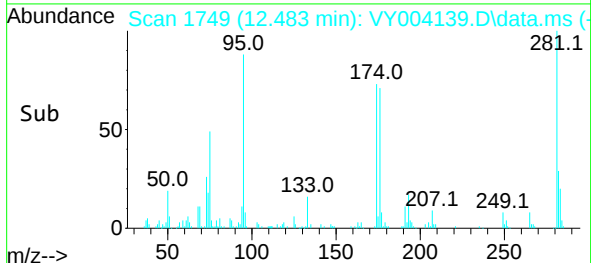
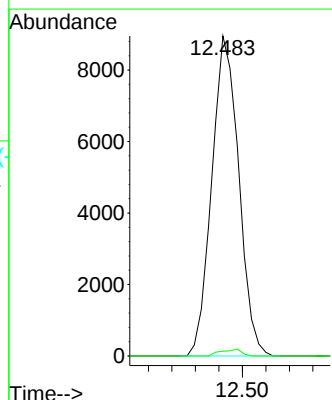
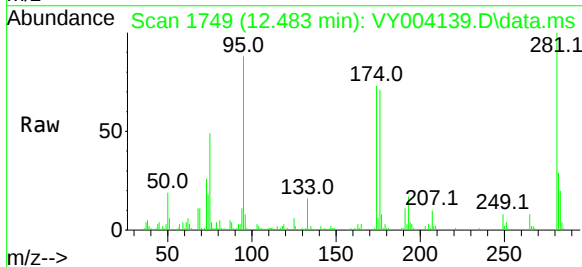
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-08-031821

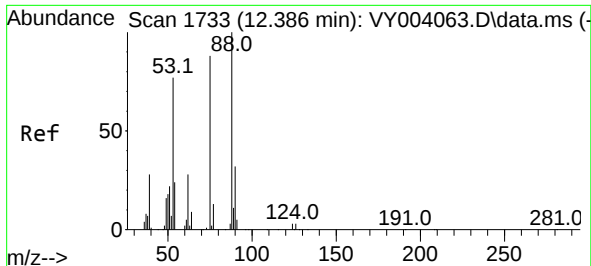
Tgt Ion:152 Resp: 23954
 Ion Ratio Lower Upper
 152 100
 115 59.0 28.2 84.6
 150 160.2 0.0 347.2



#76
 1,2,3-Trichloropropane
 Concen: 62.09 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004139.D
 Acq: 19 Mar 2021 15:58

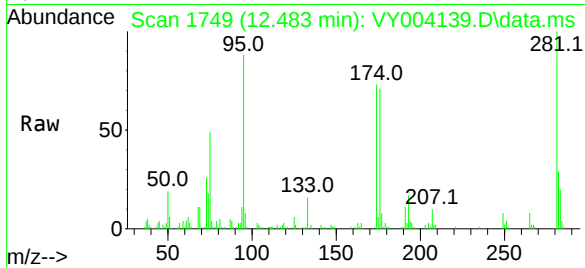
Tgt Ion: 75 Resp: 14260
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



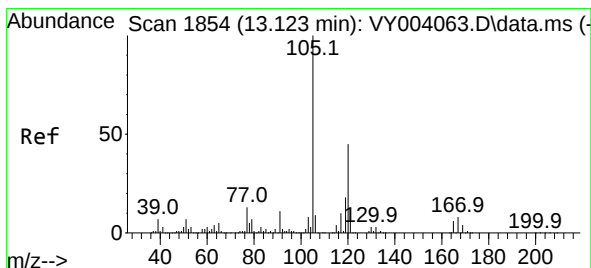
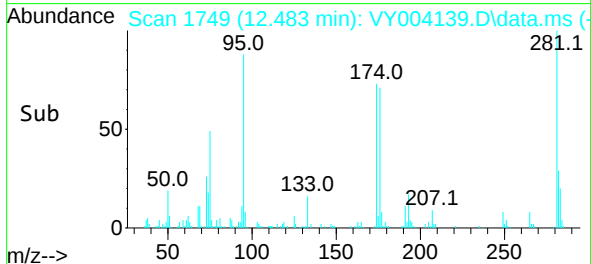
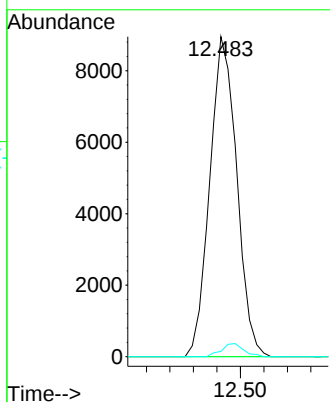


#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.53 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004139.D
 Acq: 19 Mar 2021 15:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-08-031821



Tgt Ion: 75 Resp: 14260
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.5 110.3#
 89 3.4 35.7 53.5#



#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

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

