

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032521\
 Data File : VY004199.D
 Acq On : 25 Mar 2021 13:14
 Operator : SY/MD
 Sample : M1817-02
 Misc : 4.65g/5mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 26 01:13:19 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)

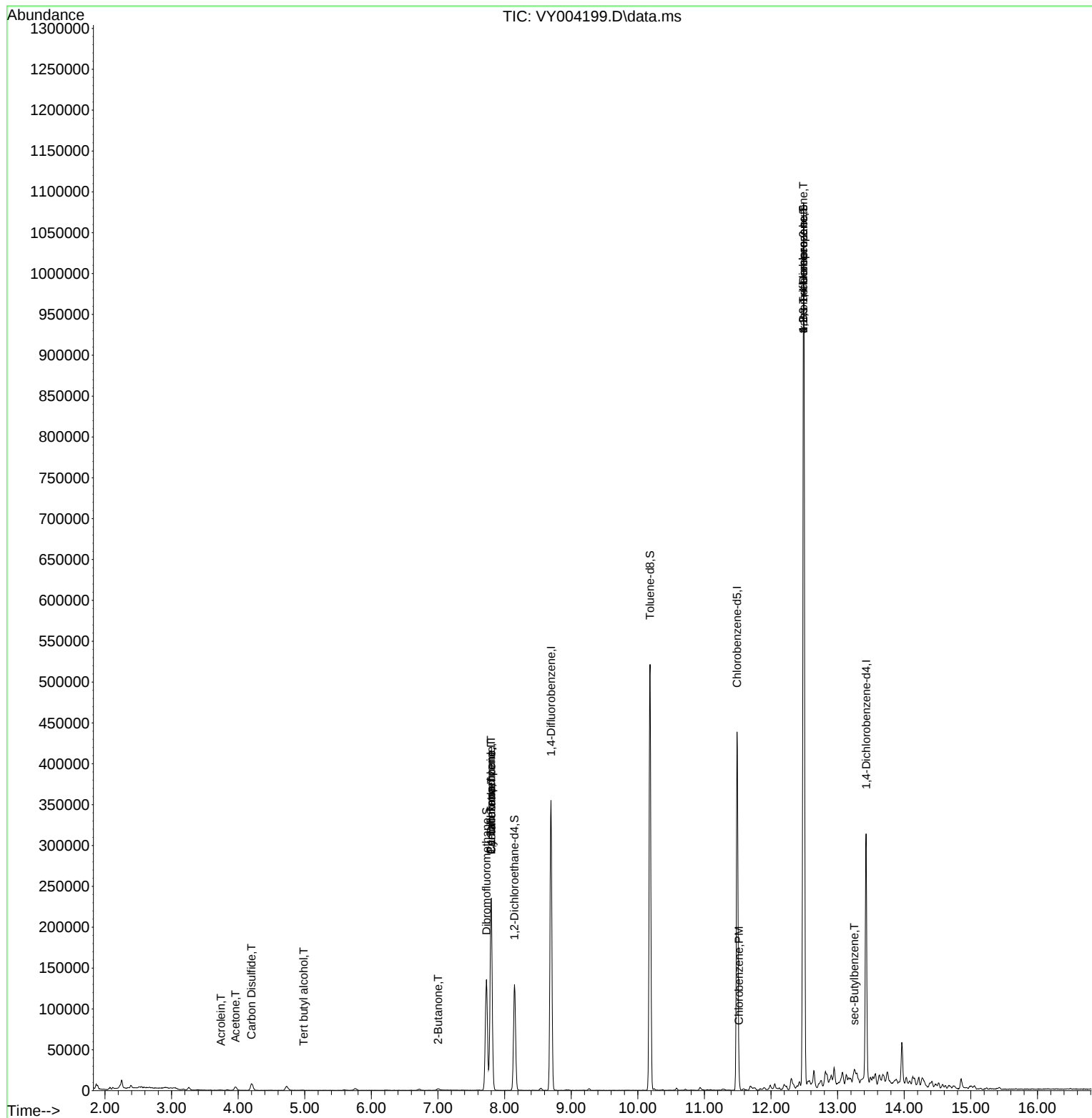
Internal Standards						
1) Pentafluorobenzene	7.801	168	186797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	303472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	237979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100093	54.30	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.60%			
35) Dibromofluoromethane	7.728	113	92877	54.27	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.54%			
50) Toluene-d8	10.185	98	346294	51.62	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.24%			
62) 4-Bromofluorobenzene	12.483	95	94247	38.04	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 76.08%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	1180	Below Cal	#	87
11) Tert butyl alcohol	4.984	59	565	3.39	ug/l #	76
13) Acrolein	3.741	56	389	2.35	ug/l #	33
16) Acetone	3.960	43	7121	16.00	ug/l	96
17) Carbon Disulfide	4.198	76	15852	3.28	ug/l	100
20) Methylene Chloride	4.735	84	3616	Below Cal	#	79
25) 2-Butanone	7.002	43	2742	4.27	ug/l	100
31) Cyclohexane	7.801	56	3918	1.21	ug/l #	11
36) 1,1-Dichloropropene	7.795	75	13489	5.06	ug/l #	51
38) Carbon Tetrachloride	7.795	117	18675	6.60	ug/l #	15
65) Chlorobenzene	11.520	112	5815	1.28	ug/l	91
76) 1,2,3-Trichloropropane	12.483	75	56797	77.09	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56797	152.14	ug/l #	16
85) sec-Butylbenzene	13.251	105	6409	1.19	ug/l #	52

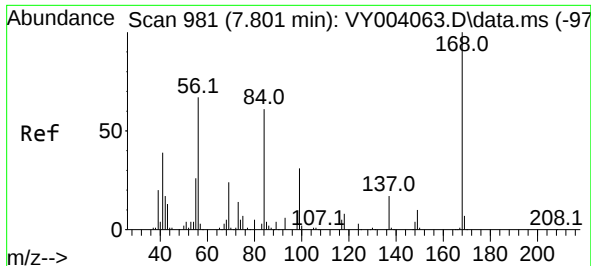
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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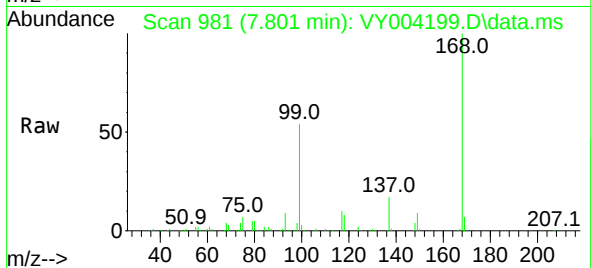
Quant Time: Mar 26 01:13:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
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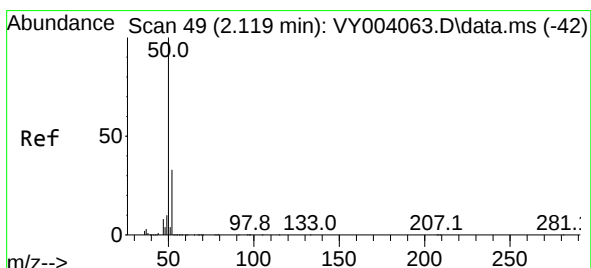
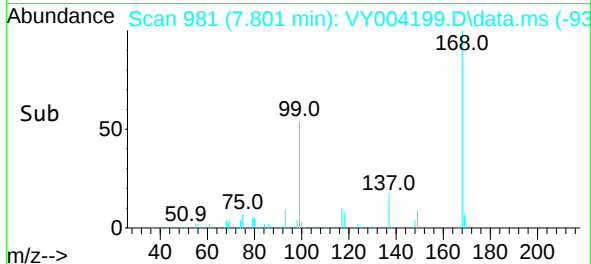
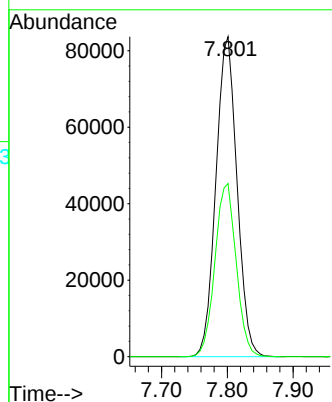


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14

Instrument :
MSVOA_Y
ClientSampleId :

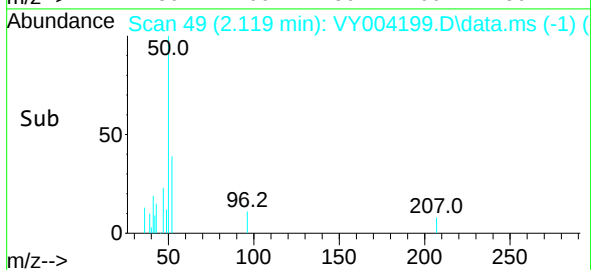
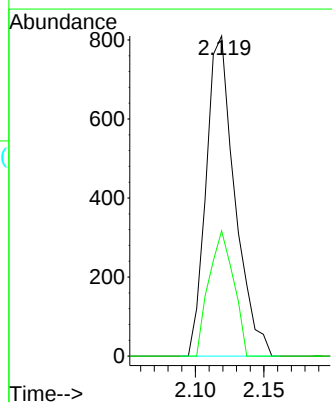
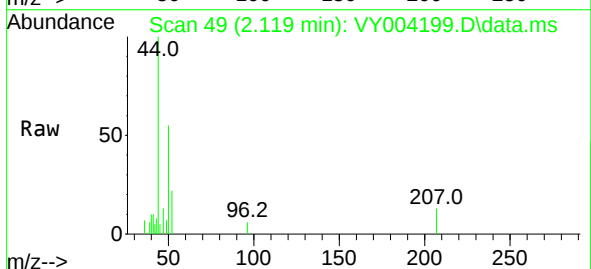


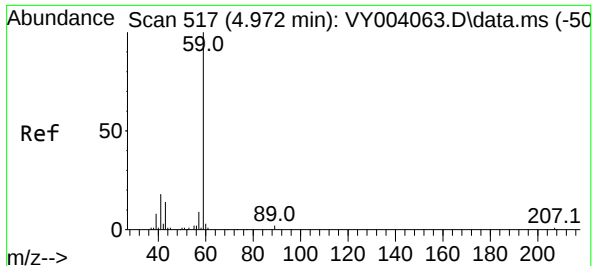
Tgt Ion:168 Resp: 186797
Ion Ratio Lower Upper
168 100
99 54.1 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14

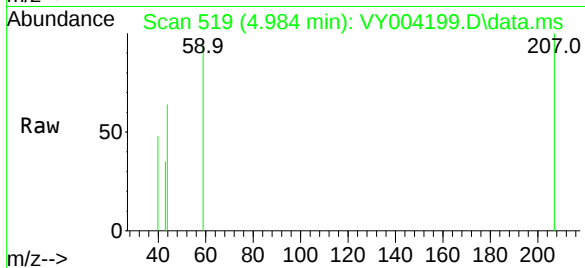
Tgt Ion: 50 Resp: 1180
Ion Ratio Lower Upper
50 100
52 39.1 25.4 38.2#



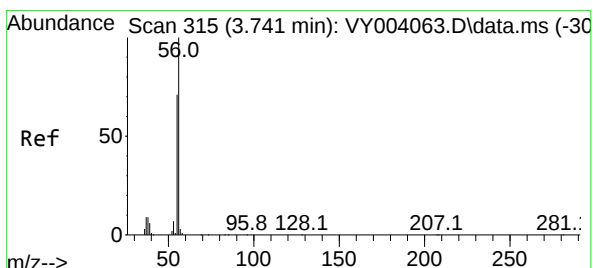
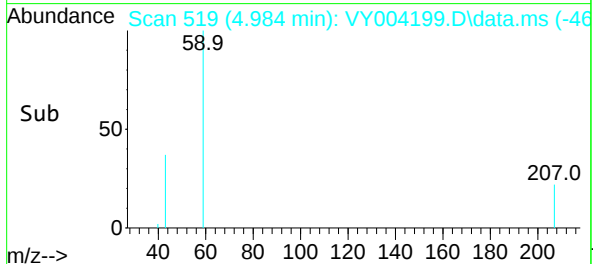
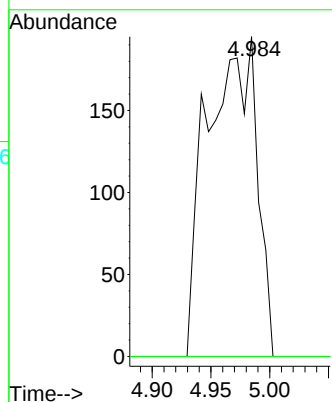


#11
Tert butyl alcohol
Concen: 3.39 ug/l
RT: 4.984 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14

Instrument :
MSVOA_Y
ClientSampled :

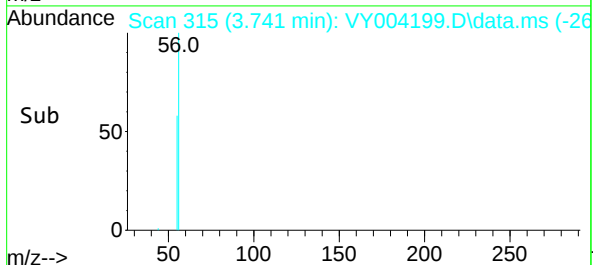
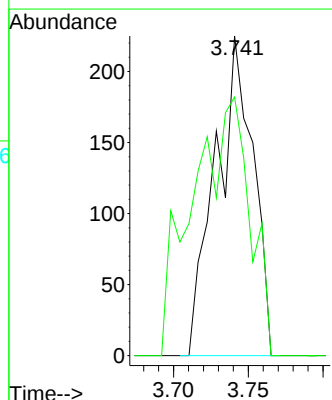
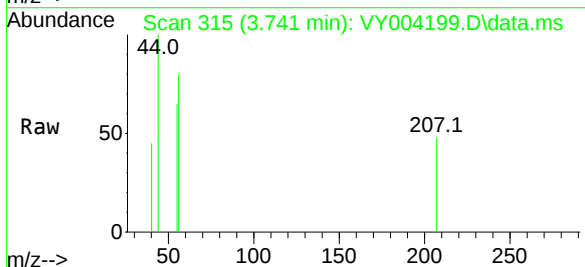


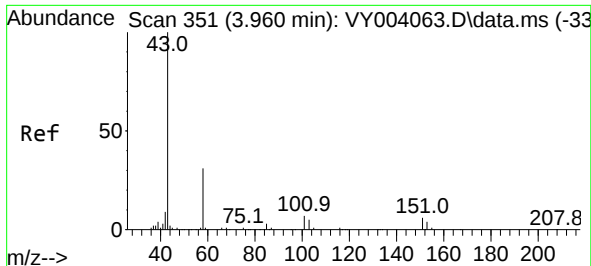
Tgt Ion: 59 Resp: 565
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#



#13
Acrolein
Concen: 2.35 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14

Tgt Ion: 56 Resp: 389
Ion Ratio Lower Upper
56 100
55 124.2 55.4 83.0#

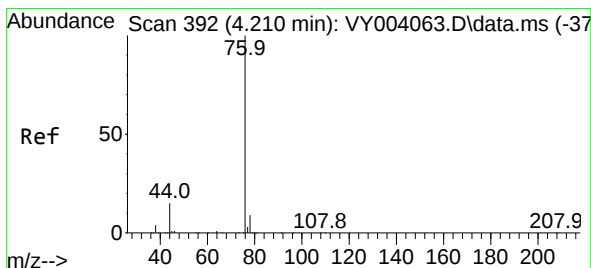
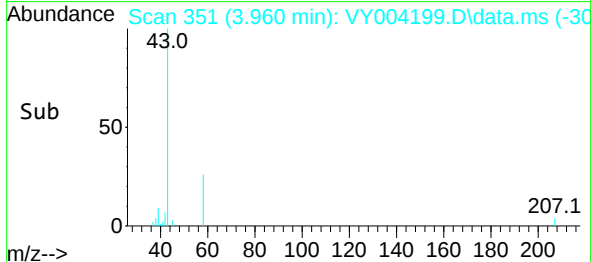
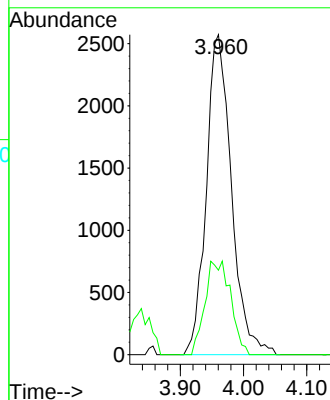
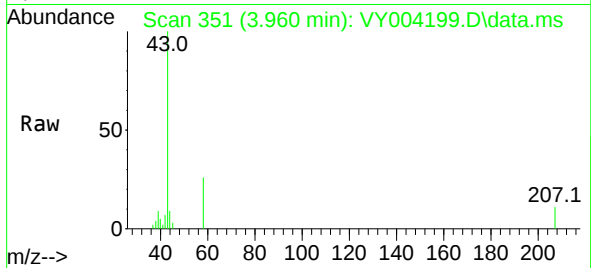




#16
Acetone
Concen: 16.00 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14

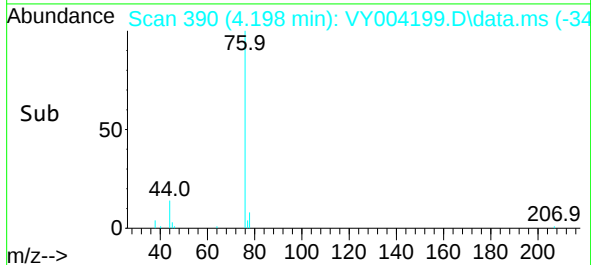
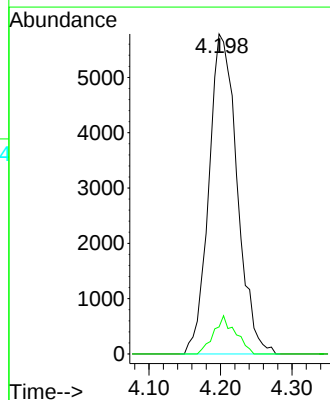
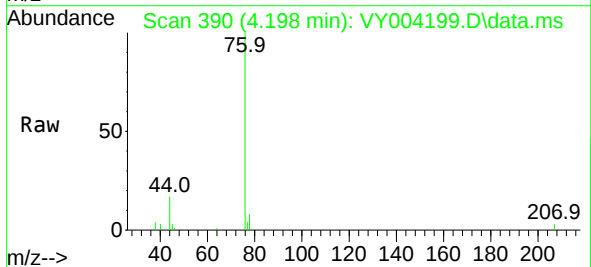
Instrument :
MSVOA_Y
ClientSampleId :

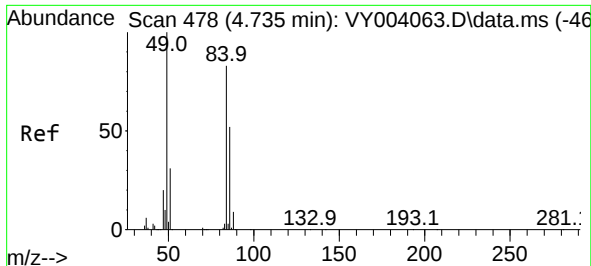
Tgt Ion: 43 Resp: 7121
Ion Ratio Lower Upper
43 100
58 26.4 22.6 34.0



#17
Carbon Disulfide
Concen: 3.28 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.012 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14

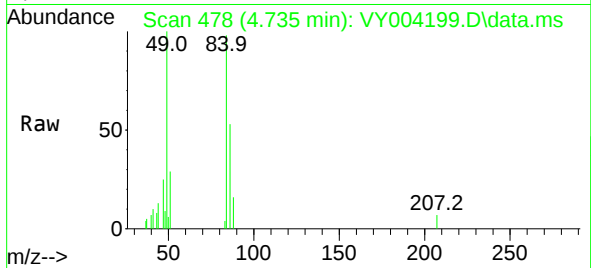
Tgt Ion: 76 Resp: 15852
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2





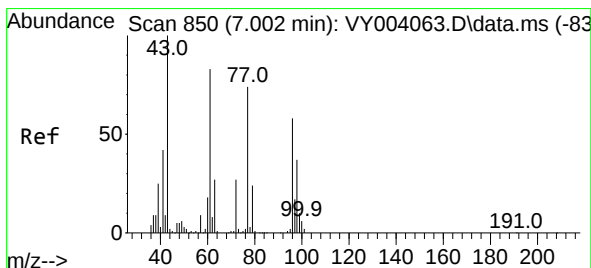
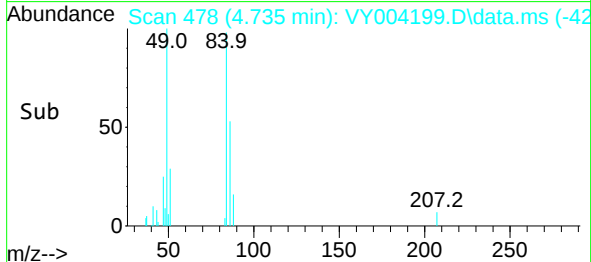
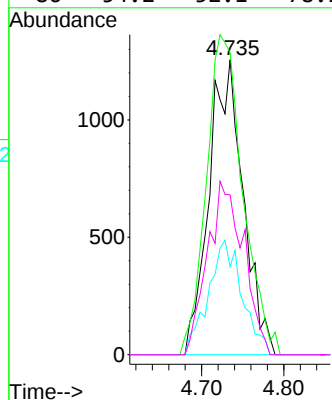
#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion: 84 Resp: 3616

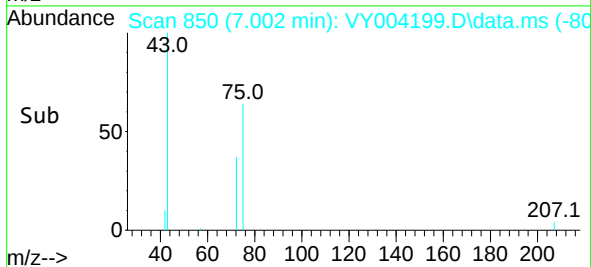
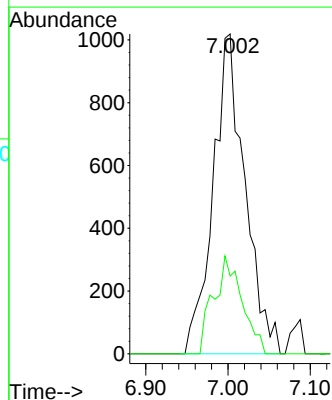
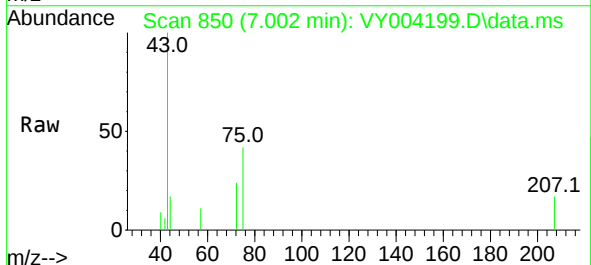
Ion	Ratio	Lower	Upper
84	100		
49	102.2	105.8	158.6#
51	29.8	32.6	48.8#
86	54.2	52.1	78.1

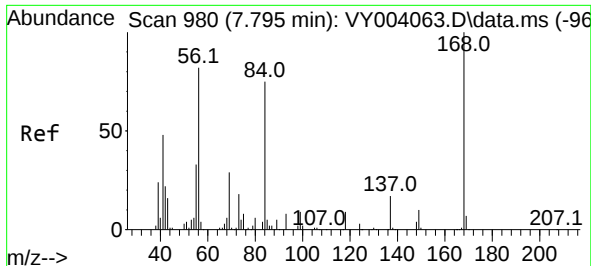


#25
2-Butanone
Concen: 4.27 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14

Tgt Ion: 43 Resp: 2742

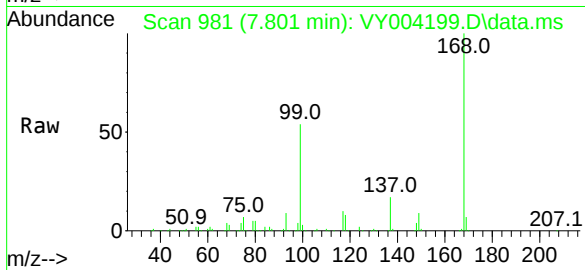
Ion	Ratio	Lower	Upper
43	100		
72	24.3	19.4	29.0



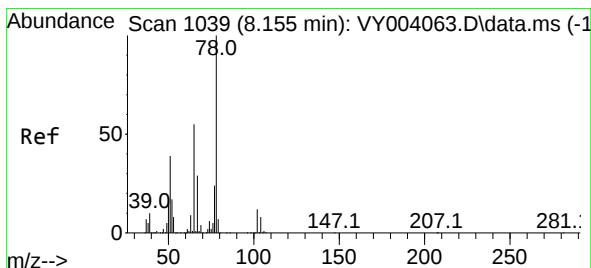
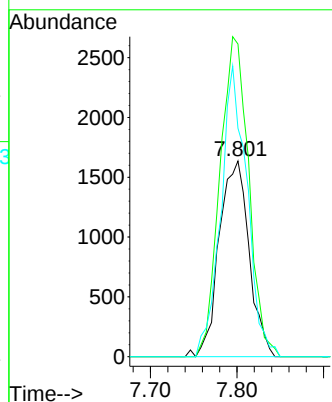
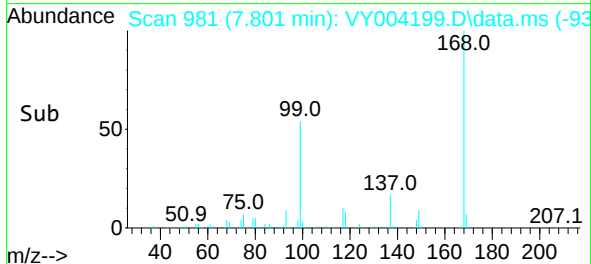


#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14

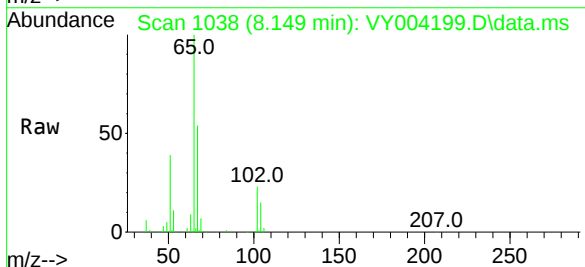
Instrument :
MSVOA_Y
ClientSampled :



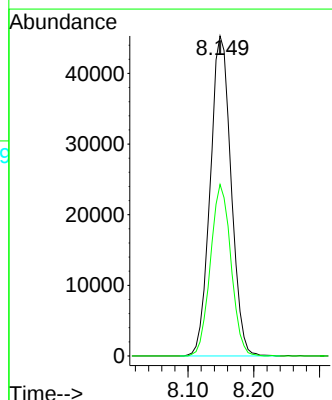
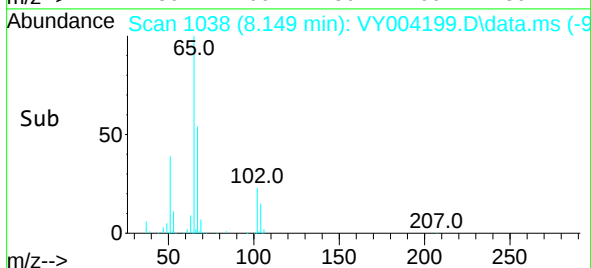
Tgt Ion: 56 Resp: 3918
Ion Ratio Lower Upper
56 100
69 159.8 25.3 37.9#
84 116.7 67.3 100.9#

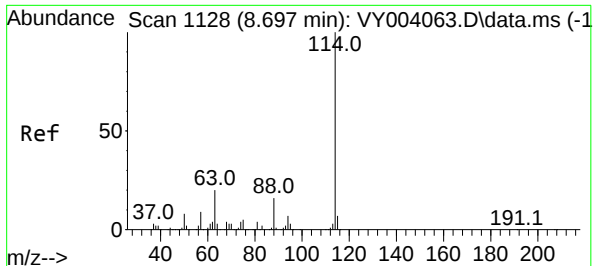


#33
1,2-Dichloroethane-d4
Concen: 54.30 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14



Tgt Ion: 65 Resp: 100093
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.4

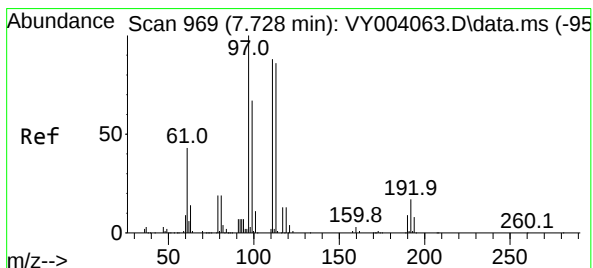
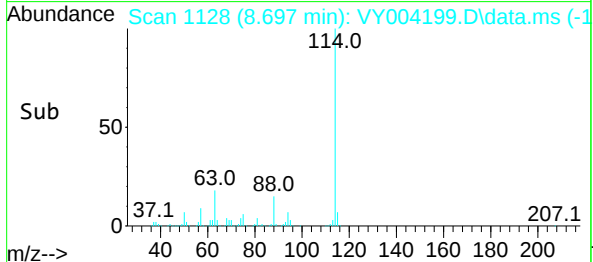
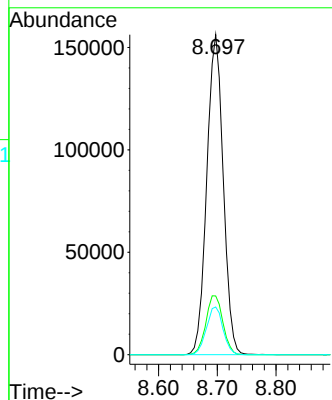
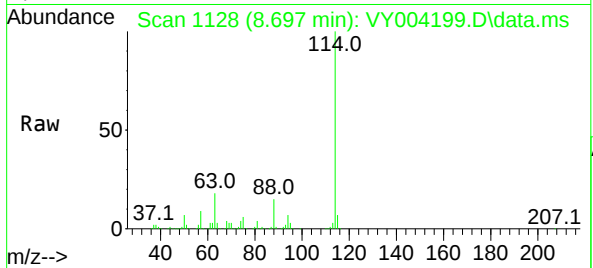




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14

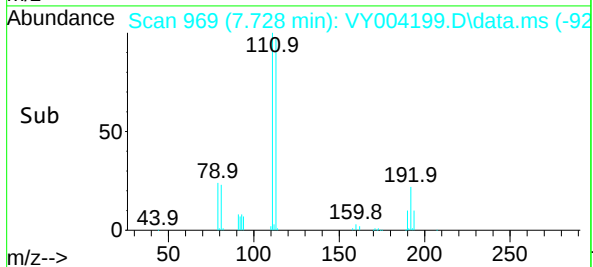
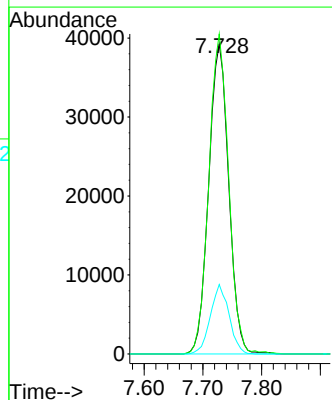
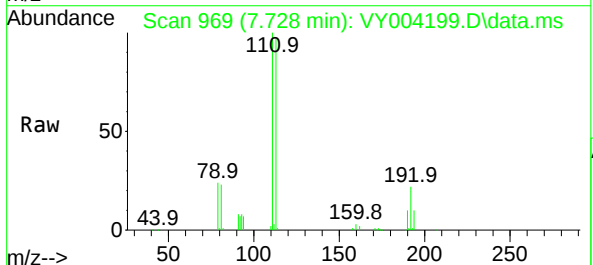
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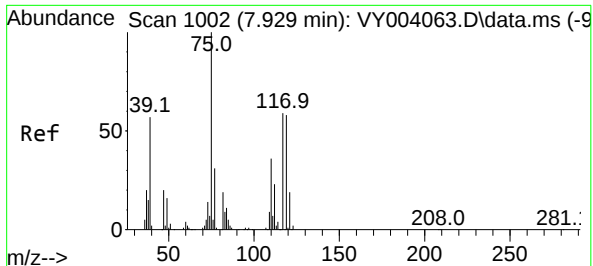
Tgt Ion:114 Resp: 303472
Ion Ratio Lower Upper
114 100
63 18.4 0.0 41.6
88 14.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.27 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14

Tgt Ion:113 Resp: 92877
Ion Ratio Lower Upper
113 100
111 102.1 83.2 124.8
192 21.0 18.5 27.7

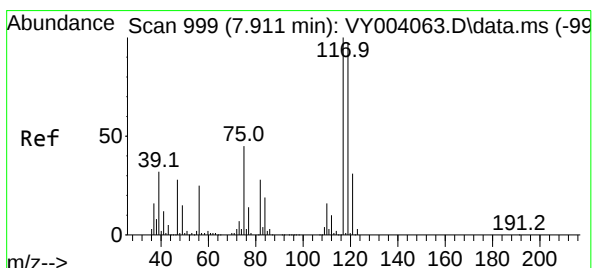
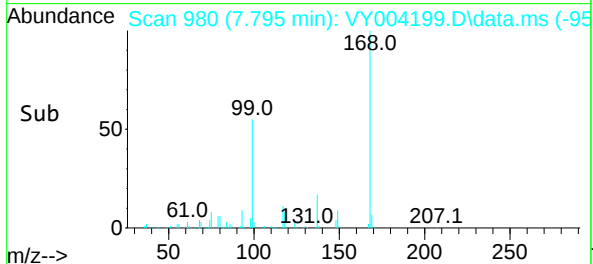
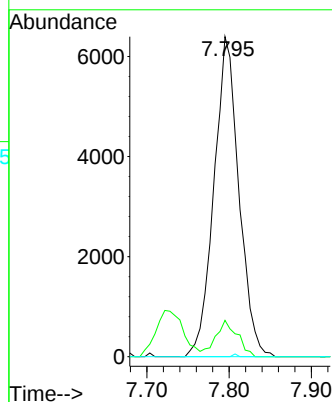
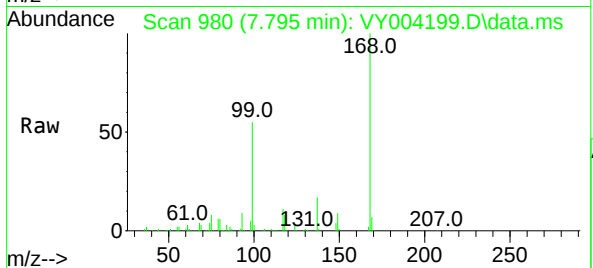




#36
1,1-Dichloropropene
Concen: 5.06 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14

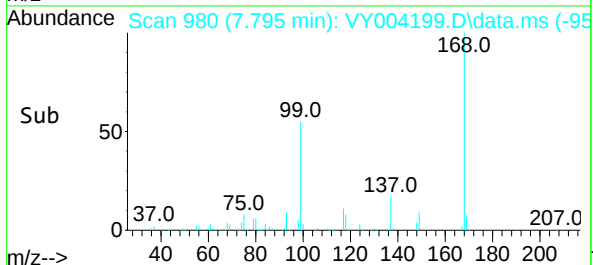
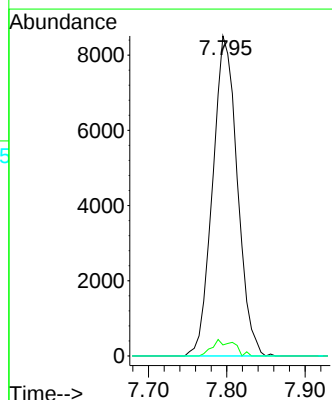
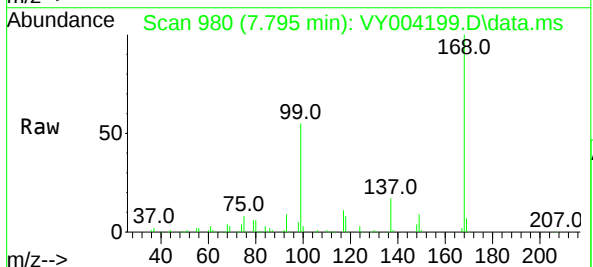
Instrument :
MSVOA_Y
ClientSampled :

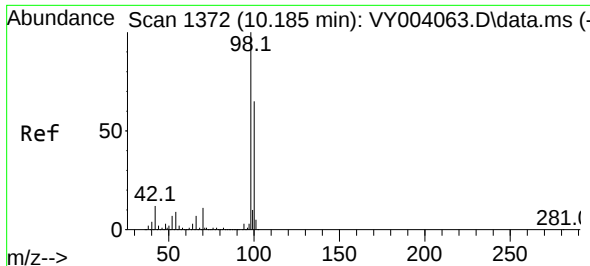
Tgt Ion: 75 Resp: 13489
Ion Ratio Lower Upper
75 100
110 9.9 17.4 52.3#
77 0.1 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.60 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14

Tgt Ion: 117 Resp: 18675
Ion Ratio Lower Upper
117 100
119 3.4 75.4 113.0#
121 0.0 24.2 36.2#

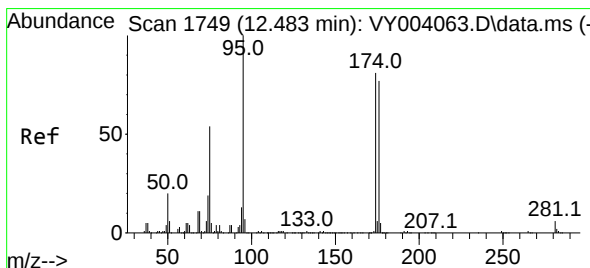
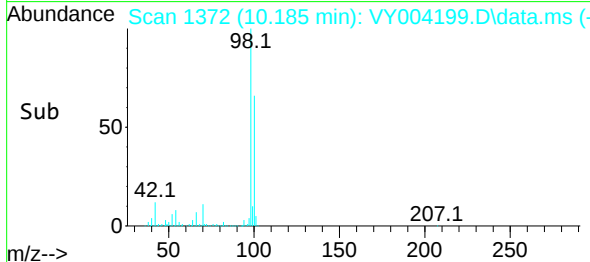
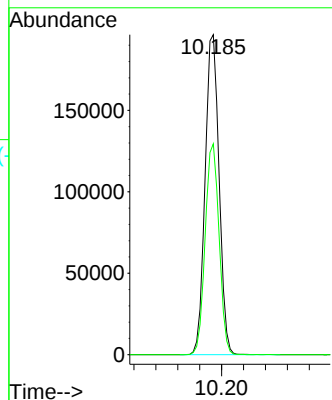
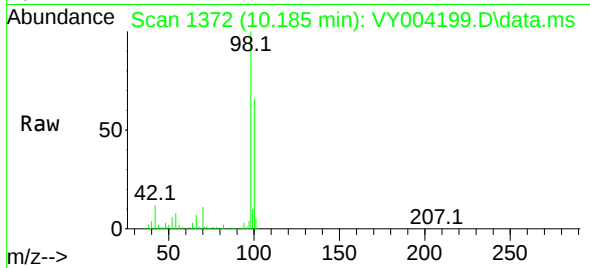




#50
Toluene-d8
Concen: 51.62 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14

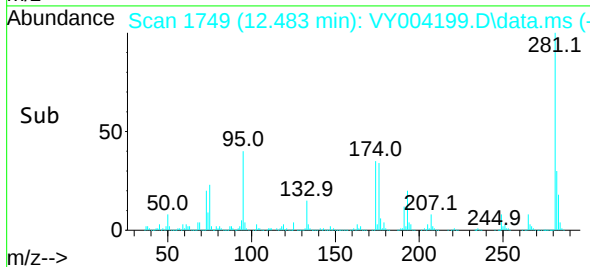
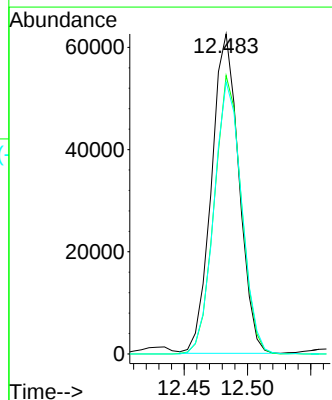
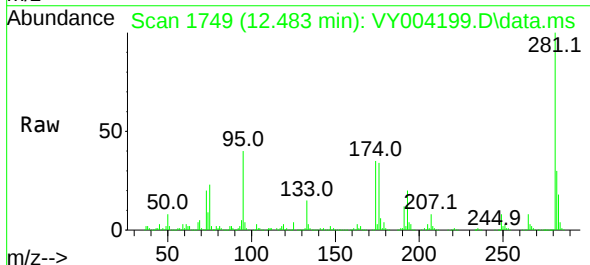
Instrument :
MSVOA_Y
ClientSampleId :

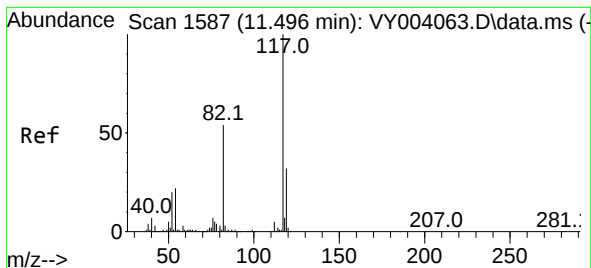
Tgt Ion: 98 Resp: 346294
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 38.04 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14

Tgt Ion: 95 Resp: 94247
Ion Ratio Lower Upper
95 100
174 85.8 0.0 179.0
176 85.8 0.0 174.4

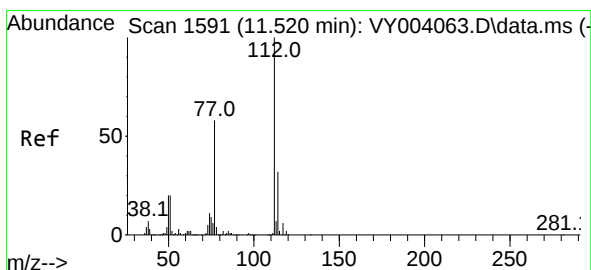
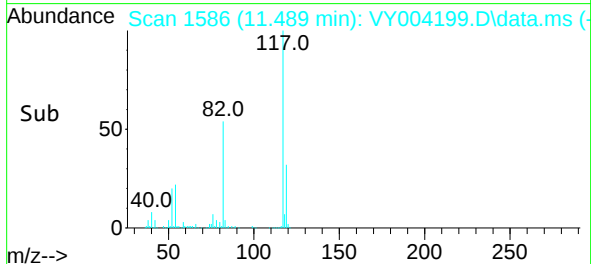
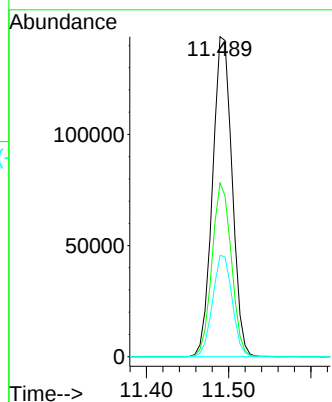
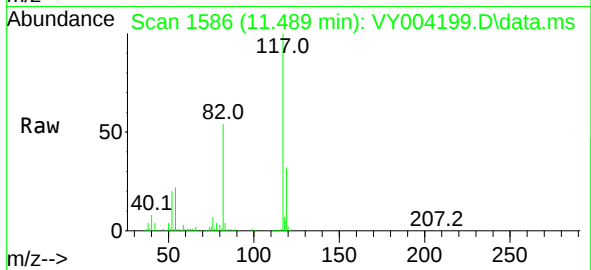




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14

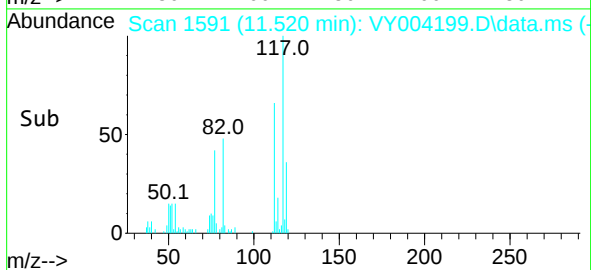
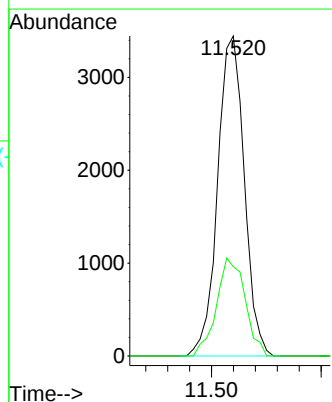
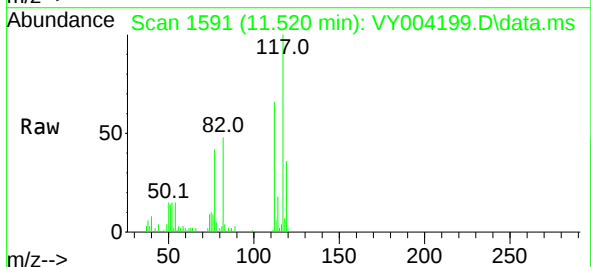
Instrument :
MSVOA_Y
ClientSampled :

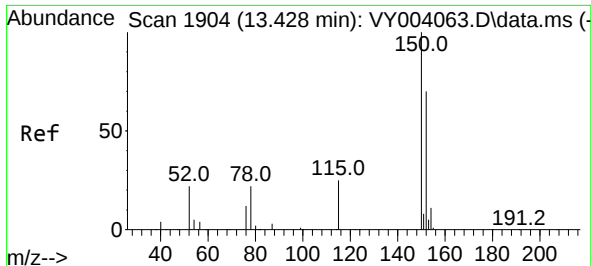
Tgt Ion:117 Resp: 237979
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.6
119 31.7 26.2 39.2



#65
Chlorobenzene
Concen: 1.28 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14

Tgt Ion:112 Resp: 5815
Ion Ratio Lower Upper
112 100
114 27.9 26.5 39.7

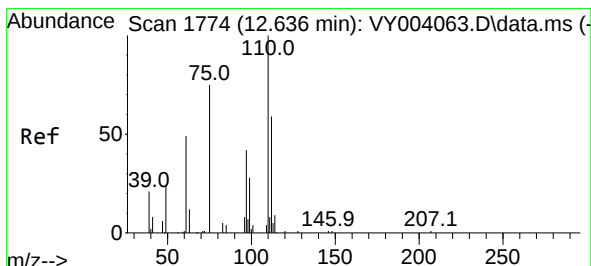
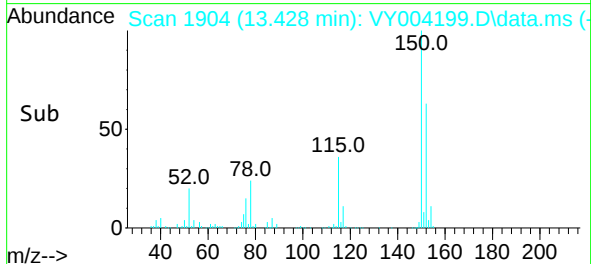
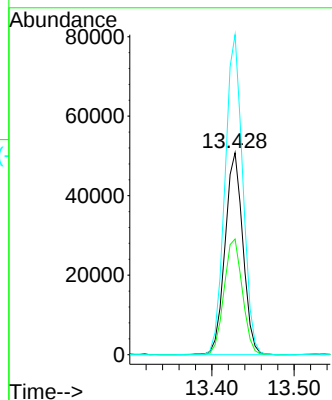
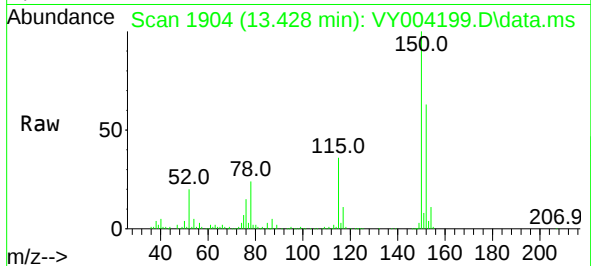




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14

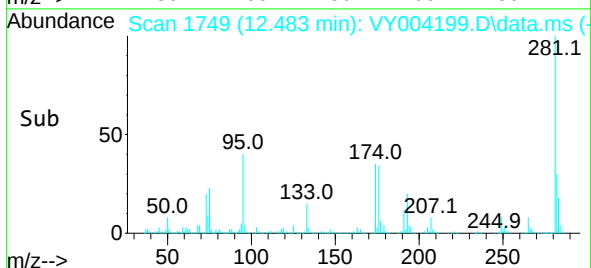
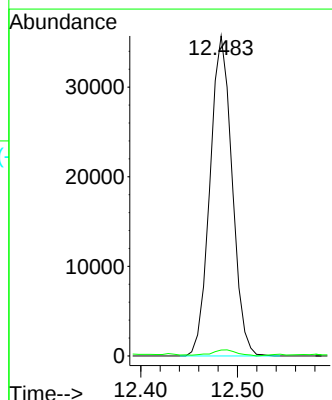
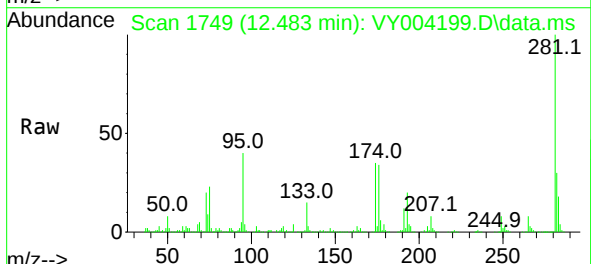
Instrument :
MSVOA_Y
ClientSampleId :

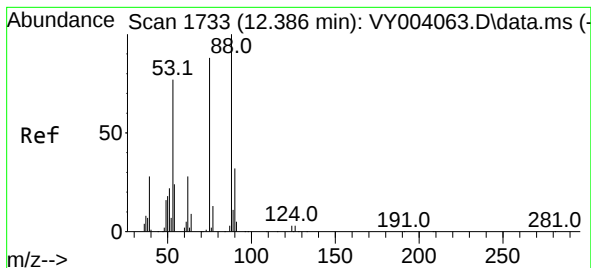
Tgt Ion:152 Resp: 76840
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.6
150 157.4 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 77.09 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14

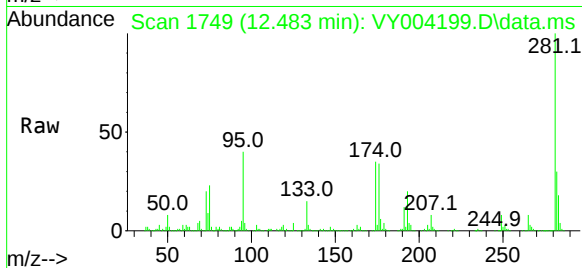
Tgt Ion: 75 Resp: 56797
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



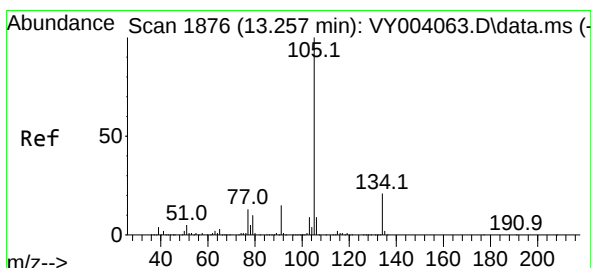
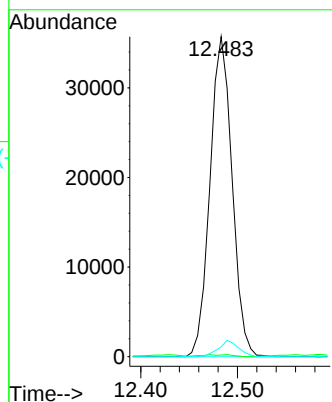
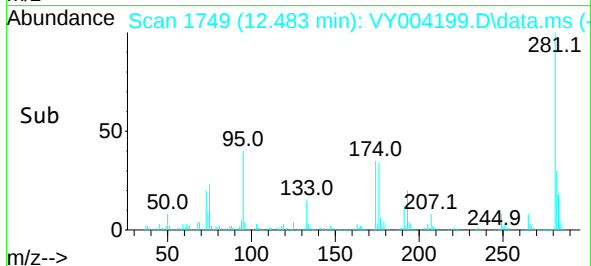


#81
trans-1,4-Dichloro-2-butene
Concen: 152.14 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14

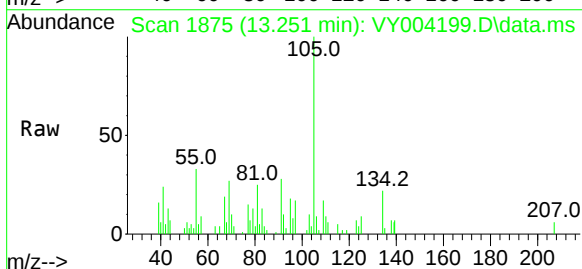
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 56797
Ion Ratio Lower Upper
75 100
53 0.8 73.5 110.3#
89 4.6 35.7 53.5#



#85
sec-Butylbenzene
Concen: 1.19 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VY004199.D
Acq: 25 Mar 2021 13:14



Tgt Ion: 105 Resp: 6409
Ion Ratio Lower Upper
105 100
134 42.5 10.2 30.4#

