

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032521\
 Data File : VY004195.D
 Acq On : 25 Mar 2021 11:15
 Operator : SY/MD
 Sample : VY0325SBL01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBL01

Quant Time: Mar 26 01:11:33 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)

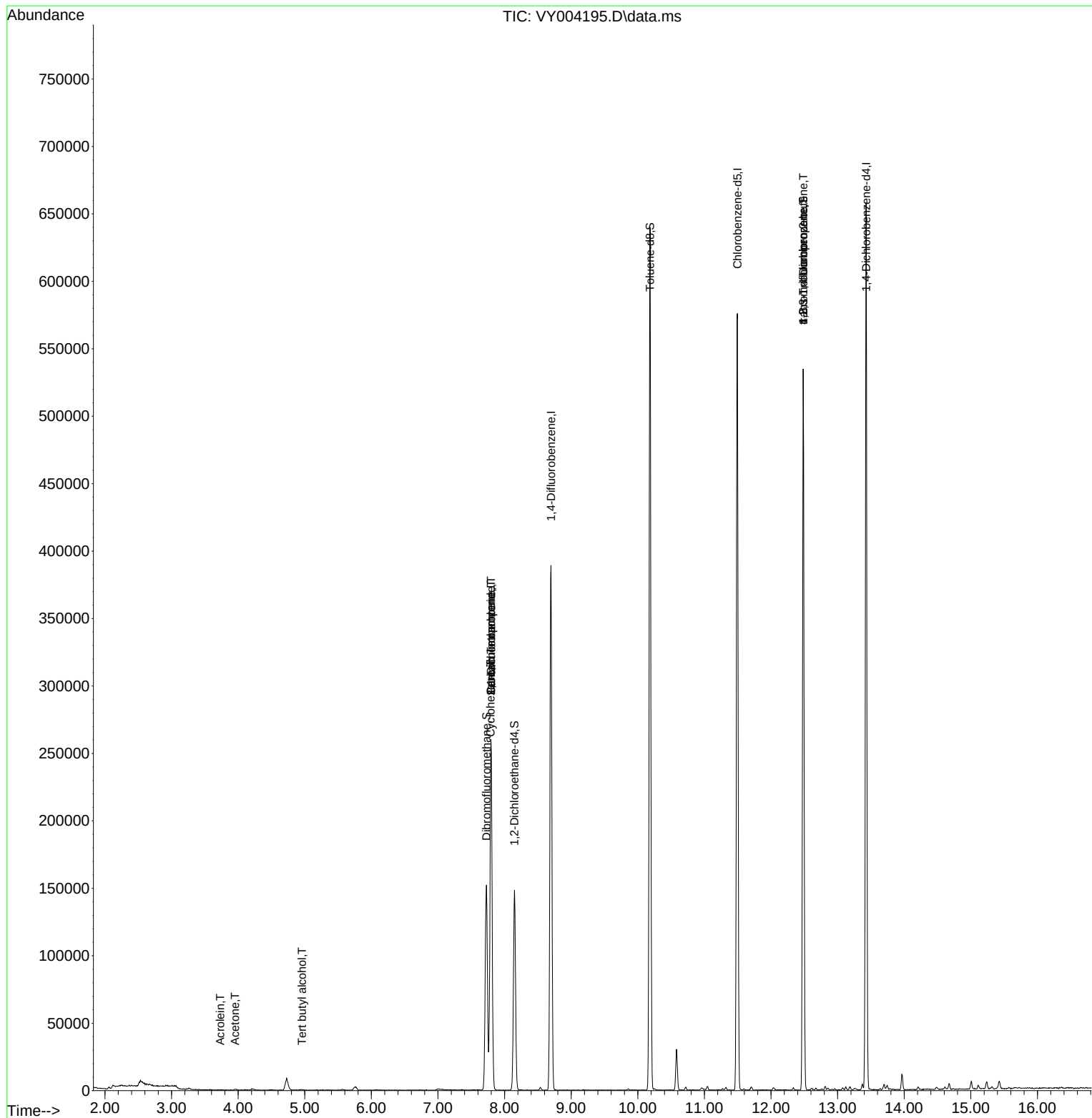
Internal Standards						
1) Pentafluorobenzene	7.795	168	205048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	343702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	321626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161293	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114331	56.50	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.00%			
35) Dibromofluoromethane	7.728	113	105993	54.69	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.38%			
50) Toluene-d8	10.185	98	406036	53.44	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.88%			
62) 4-Bromofluorobenzene	12.483	95	150753	53.72	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	30	Below Cal	#	41
3) Chloromethane	2.119	50	1080	Below Cal		89
11) Tert butyl alcohol	4.960	59	410	2.24 ug/l	#	76
13) Acrolein	3.729	56	233	1.28 ug/l	#	15
16) Acetone	3.954	43	952	1.95 ug/l	#	73
20) Methylene Chloride	4.729	84	6281	Below Cal	#	80
31) Cyclohexane	7.789	56	4327	1.22 ug/l	#	1
36) 1,1-Dichloropropene	7.795	75	14276	4.73 ug/l	#	51
38) Carbon Tetrachloride	7.795	117	20424	6.38 ug/l	#	16
58) 2-Chloroethyl Vinyl ether	9.782	63	29	Below Cal	#	47
76) 1,2,3-Trichloropropane	12.483	75	79654	51.50 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79654	101.65 ug/l	#	13

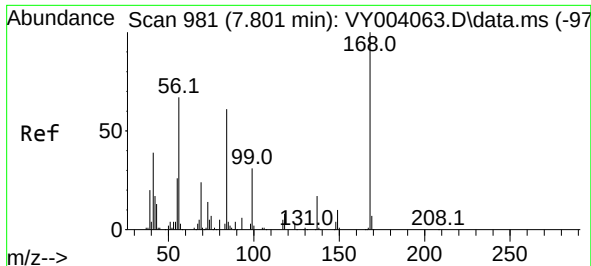
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 26 01:11:33 2021
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Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
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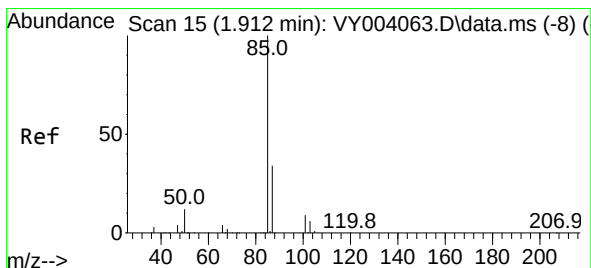
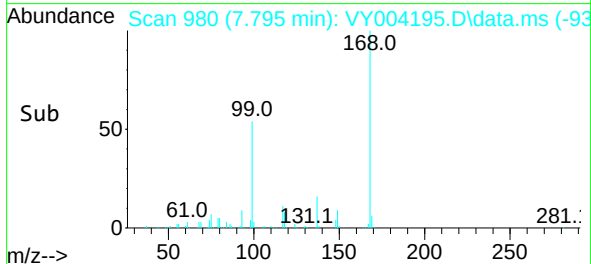
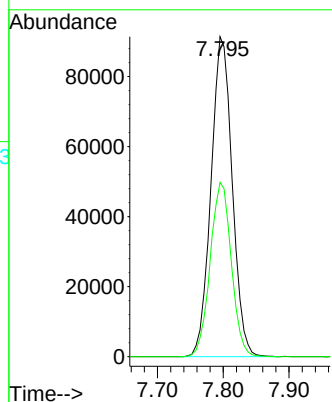
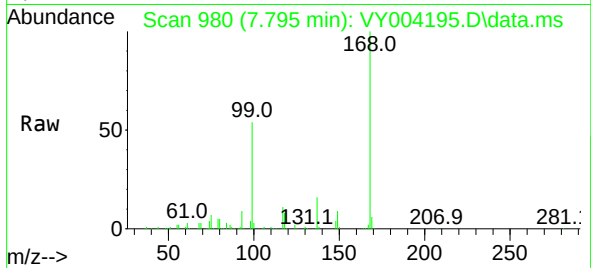




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004195.D
Acq: 25 Mar 2021 11:15

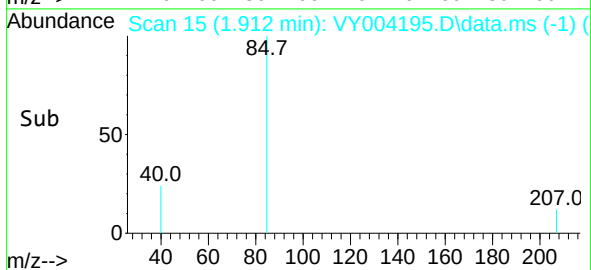
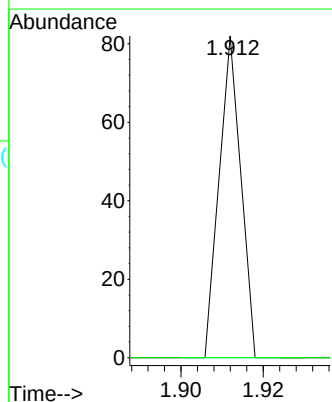
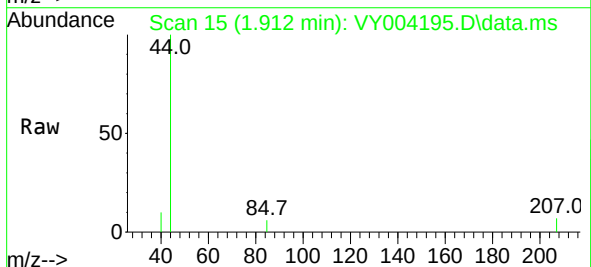
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBL01

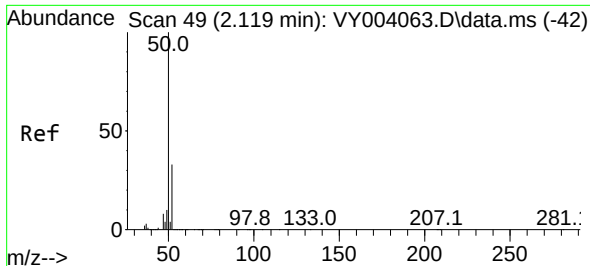
Tgt Ion:168 Resp: 205048
Ion Ratio Lower Upper
168 100
99 54.5 41.2 61.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY004195.D
Acq: 25 Mar 2021 11:15

Tgt Ion: 85 Resp: 30
Ion Ratio Lower Upper
85 100
87 0.0 17.0 51.0#

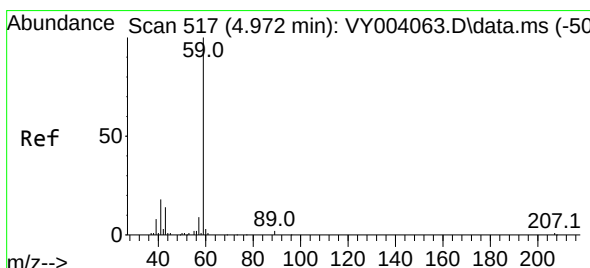
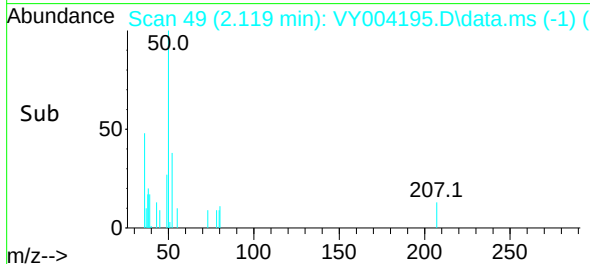
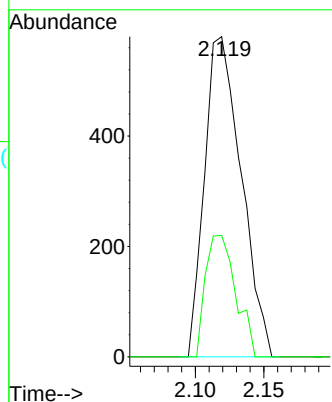
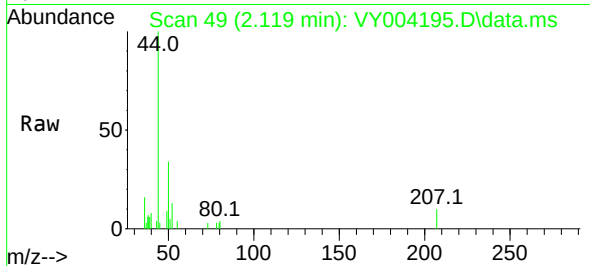




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004195.D
Acq: 25 Mar 2021 11:15

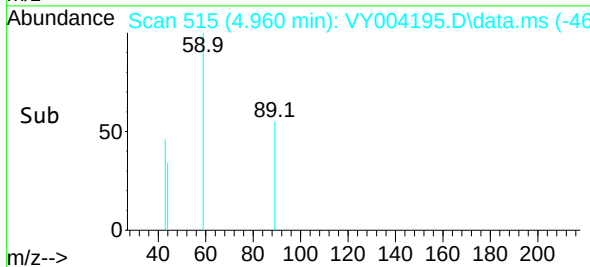
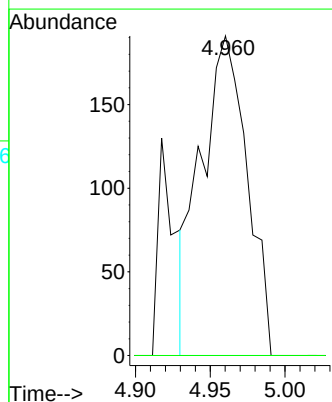
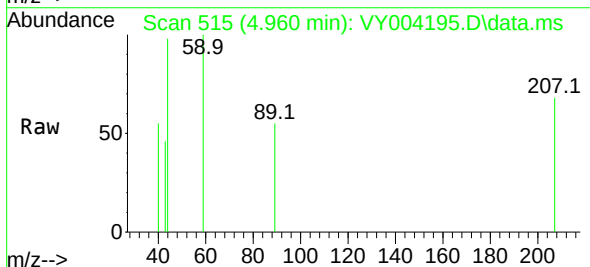
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBL01

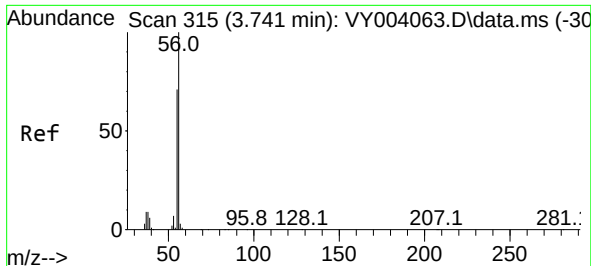
Tgt Ion: 50 Resp: 1080
Ion Ratio Lower Upper
50 100
52 37.9 25.4 38.2



#11
Tert butyl alcohol
Concen: 2.24 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004195.D
Acq: 25 Mar 2021 11:15

Tgt Ion: 59 Resp: 410
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

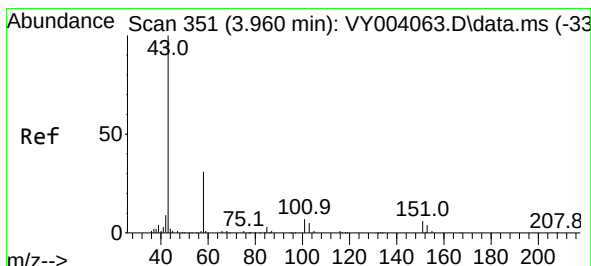
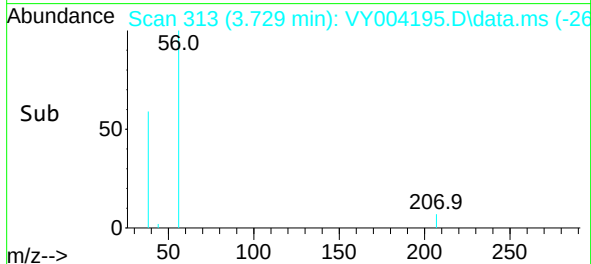
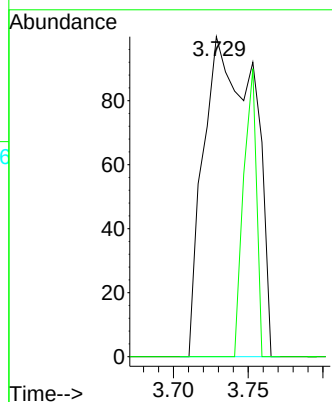
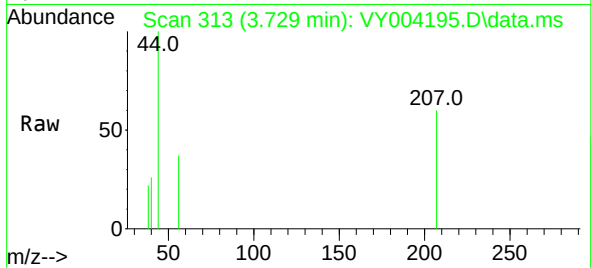




#13
Acrolein
Concen: 1.28 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.012 min
Lab File: VY004195.D
Acq: 25 Mar 2021 11:15

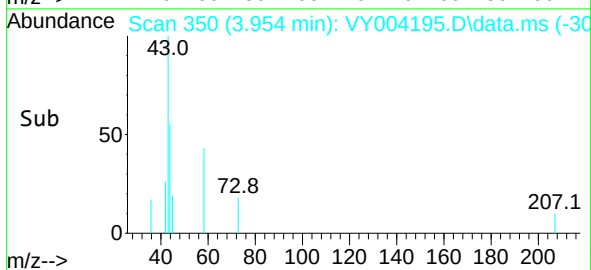
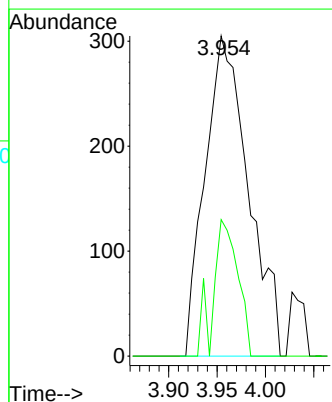
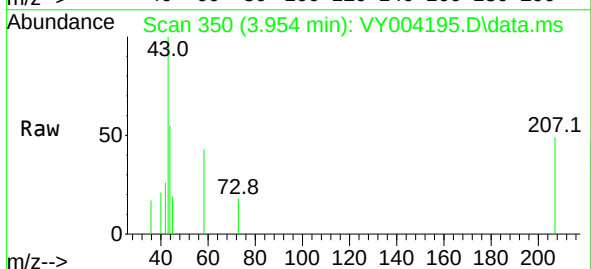
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBL01

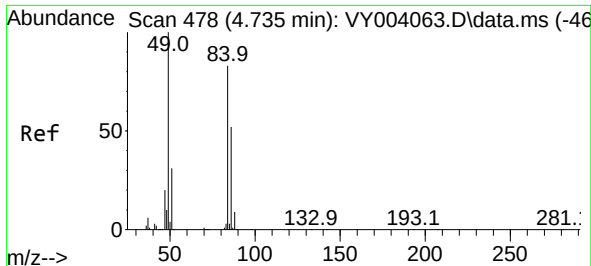
Tgt Ion: 56 Resp: 233
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.0#



#16
Acetone
Concen: 1.95 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004195.D
Acq: 25 Mar 2021 11:15

Tgt Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
58 42.6 22.6 34.0#

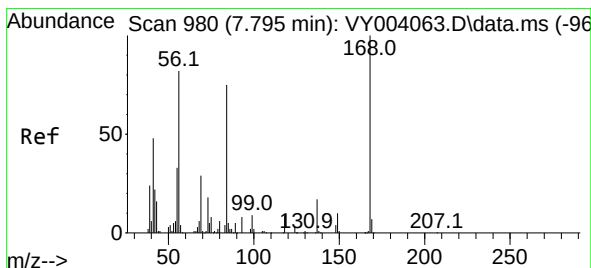
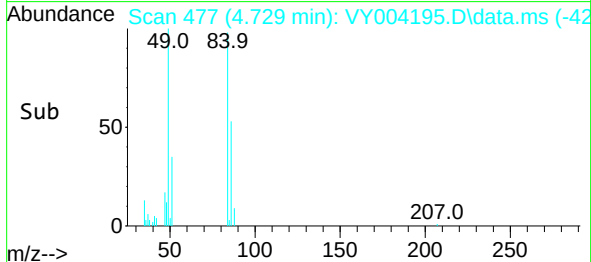
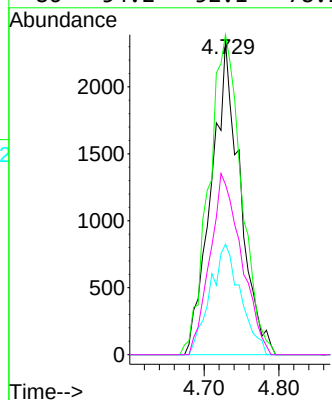
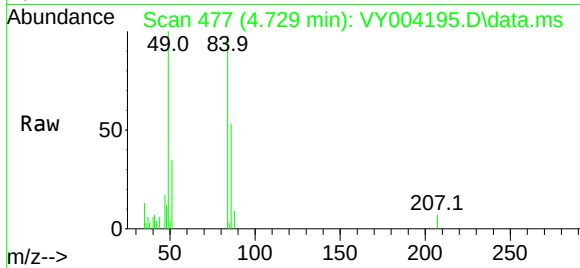




#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004195.D
Acq: 25 Mar 2021 11:15

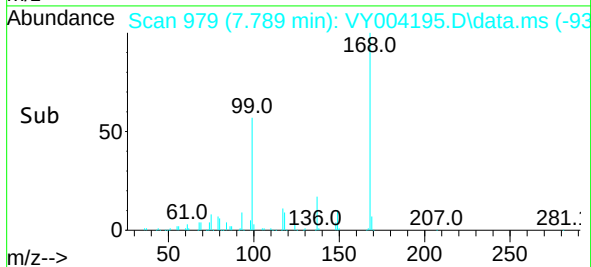
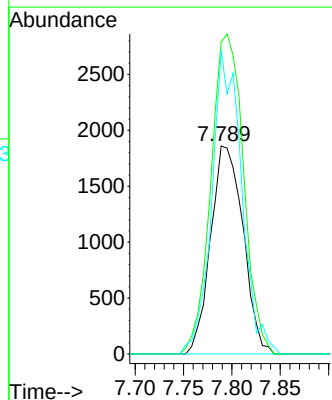
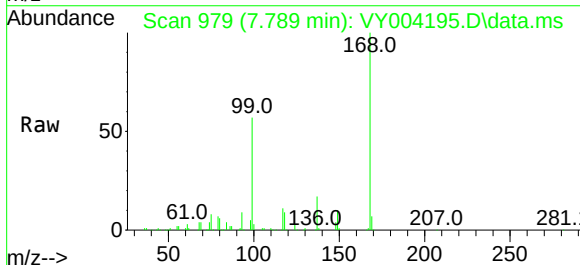
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBL01

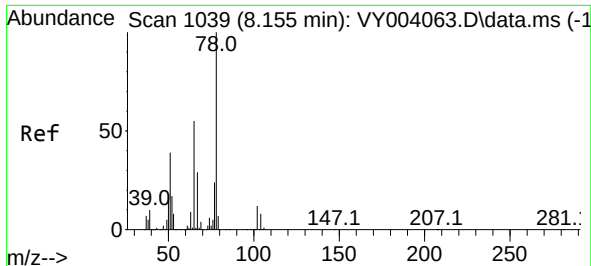
Tgt Ion:	84	Resp:	6281
Ion	Ratio	Lower	Upper
84	100		
49	101.8	105.8	158.6#
51	35.2	32.6	48.8
86	54.2	52.1	78.1



#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004195.D
Acq: 25 Mar 2021 11:15

Tgt Ion:	56	Resp:	4327
Ion	Ratio	Lower	Upper
56	100		
69	149.8	25.3	37.9#
84	145.3	67.3	100.9#

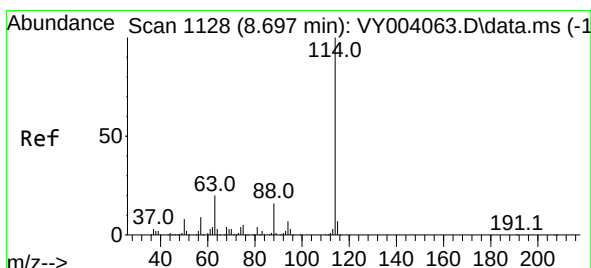
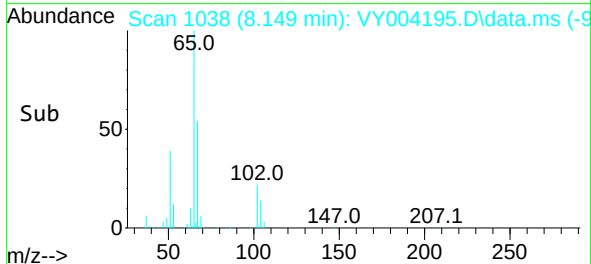
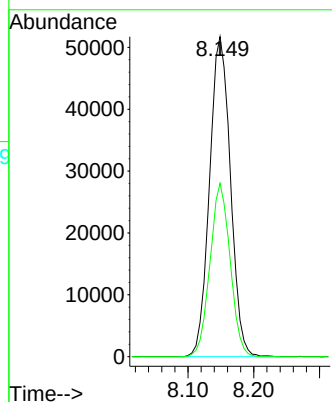
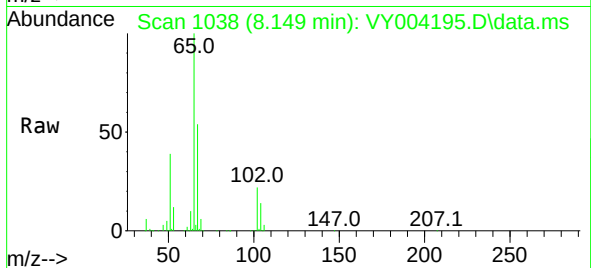




#33
1,2-Dichloroethane-d4
Concen: 56.50 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004195.D
Acq: 25 Mar 2021 11:15

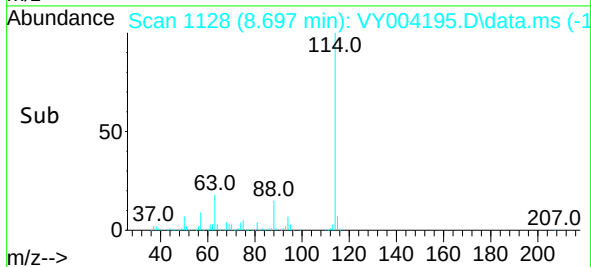
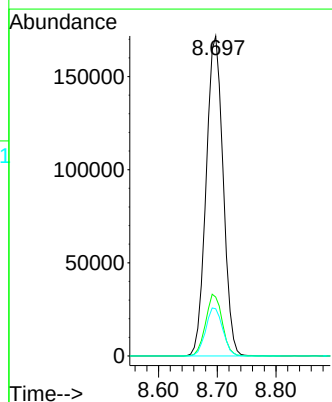
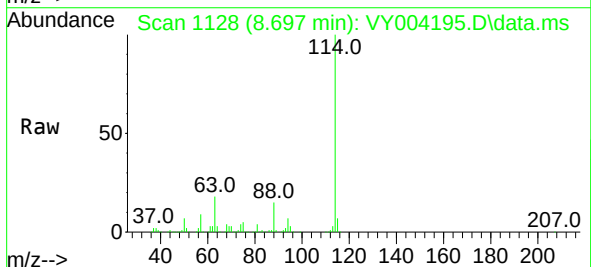
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBL01

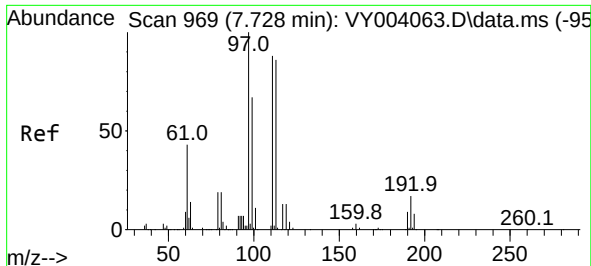
Tgt Ion: 65 Resp: 114331
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004195.D
Acq: 25 Mar 2021 11:15

Tgt Ion:114 Resp: 343702
Ion Ratio Lower Upper
114 100
63 18.4 0.0 41.6
88 14.8 0.0 31.4

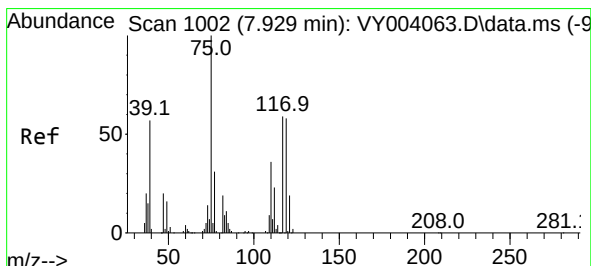
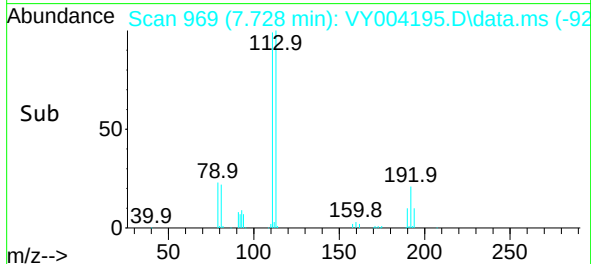
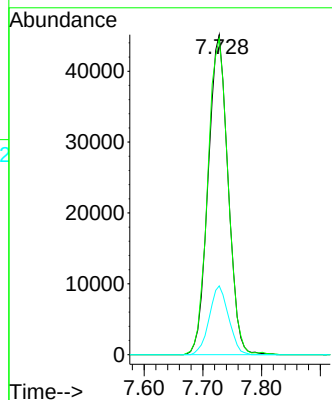
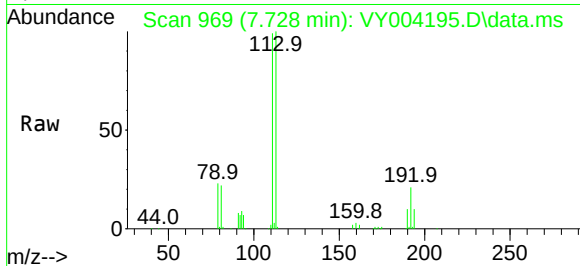




#35
Dibromofluoromethane
Concen: 54.69 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004195.D
Acq: 25 Mar 2021 11:15

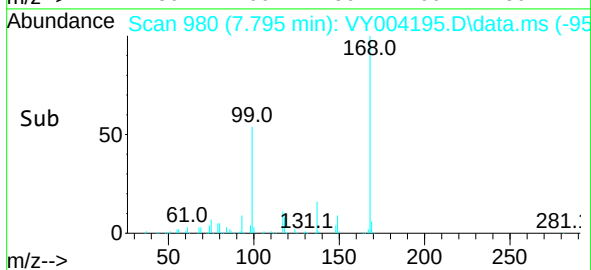
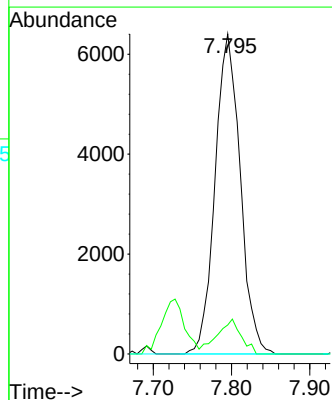
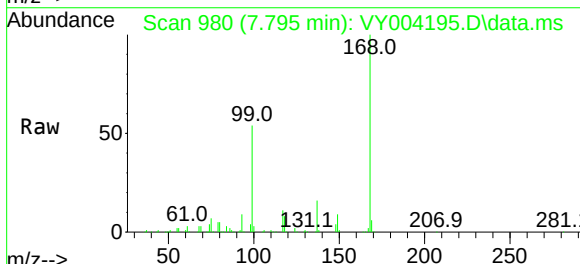
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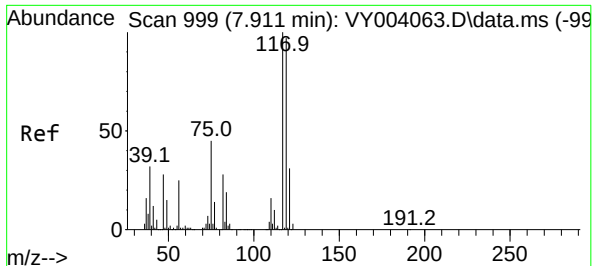
Tgt Ion:113 Resp: 105993
Ion Ratio Lower Upper
113 100
111 100.8 83.2 124.8
192 20.9 18.5 27.7



#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004195.D
Acq: 25 Mar 2021 11:15

Tgt Ion: 75 Resp: 14276
Ion Ratio Lower Upper
75 100
110 10.4 17.4 52.3#
77 0.0 24.5 36.7#

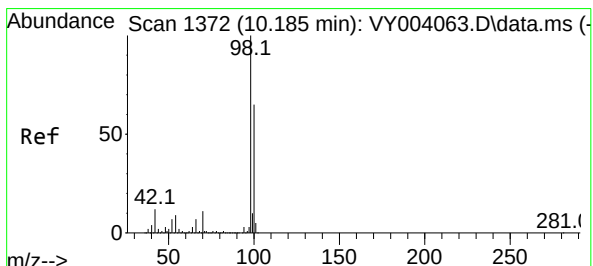
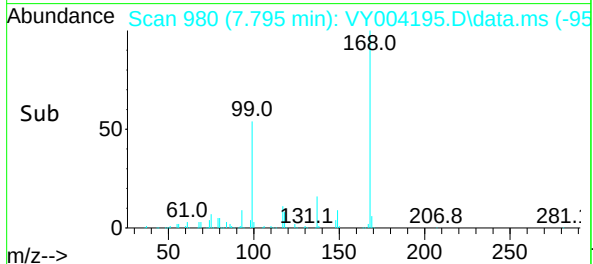
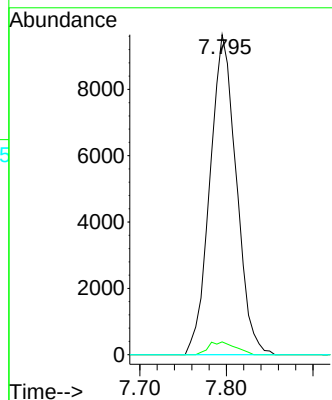
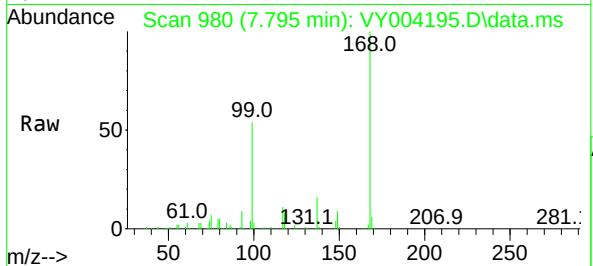




#38
Carbon Tetrachloride
Concen: 6.38 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004195.D
Acq: 25 Mar 2021 11:15

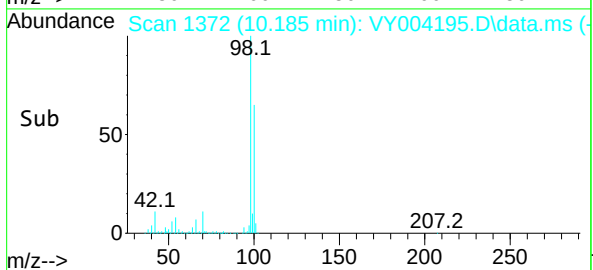
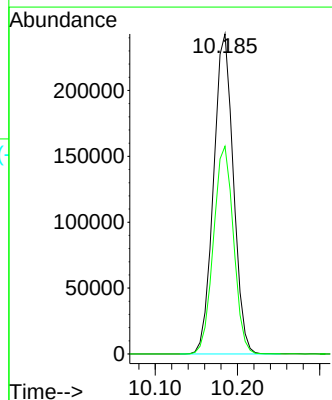
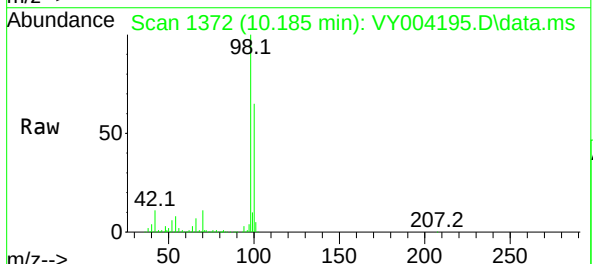
Instrument :
MSVOA_Y
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VY0325SBL01

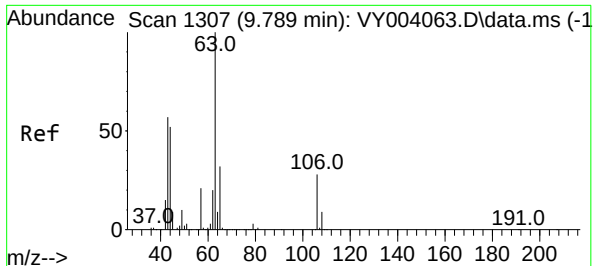
Tgt Ion:117 Resp: 20424
Ion Ratio Lower Upper
117 100
119 4.0 75.4 113.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.44 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004195.D
Acq: 25 Mar 2021 11:15

Tgt Ion: 98 Resp: 406036
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6

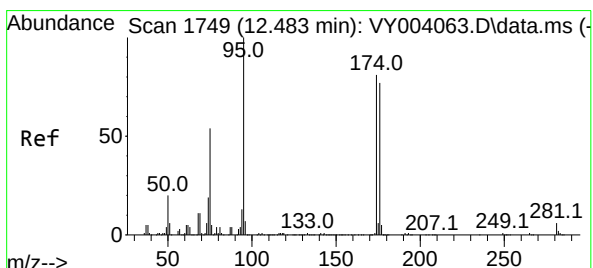
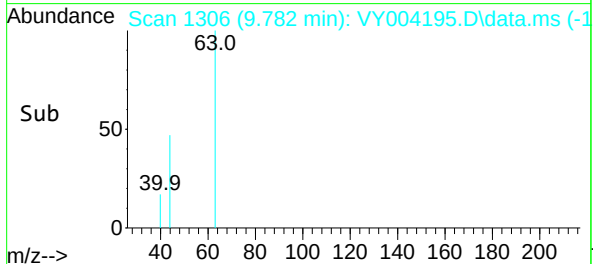
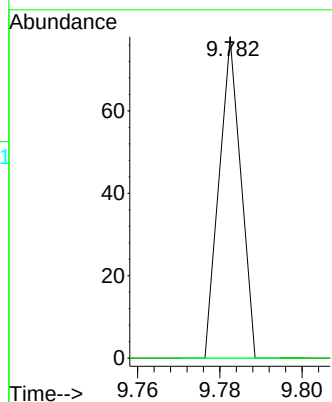
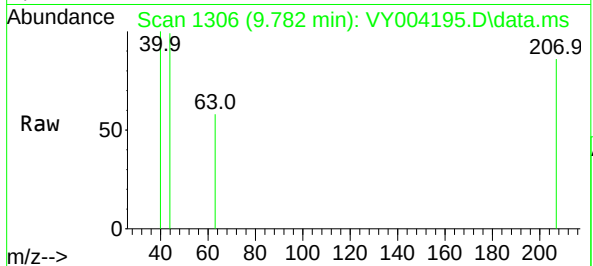




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.782 min Scan# 1306
Delta R.T. -0.007 min
Lab File: VY004195.D
Acq: 25 Mar 2021 11:15

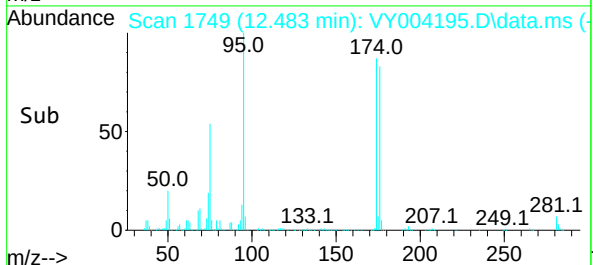
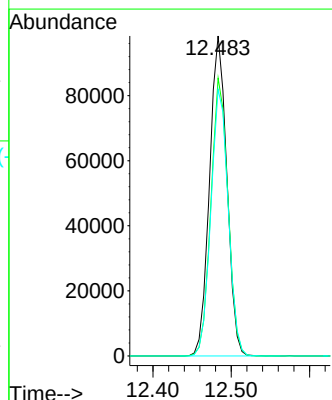
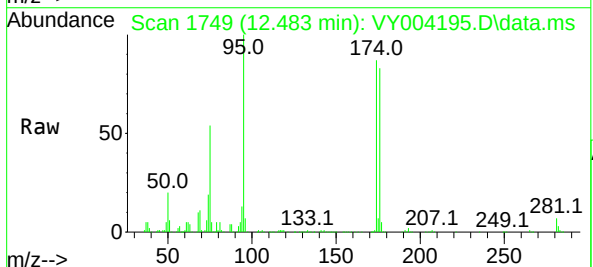
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBL01

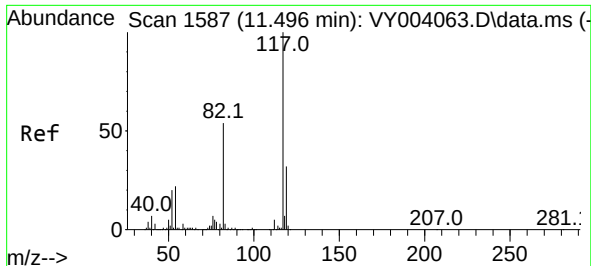
Tgt Ion: 63 Resp: 29
Ion Ratio Lower Upper
63 100
106 0.0 22.1 33.1#



#62
4-Bromofluorobenzene
Concen: 53.72 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004195.D
Acq: 25 Mar 2021 11:15

Tgt Ion: 95 Resp: 150753
Ion Ratio Lower Upper
95 100
174 85.6 0.0 179.0
176 83.3 0.0 174.4

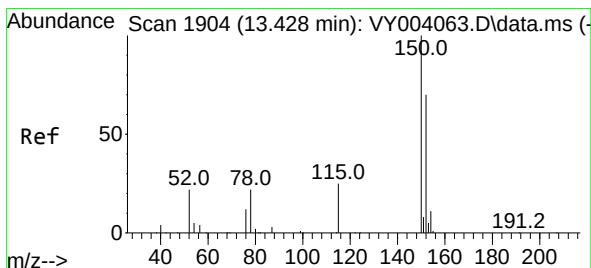
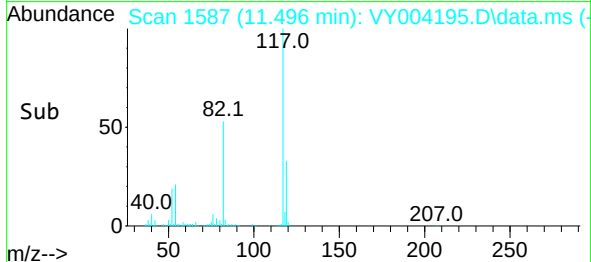
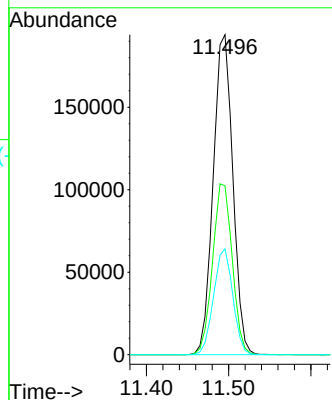
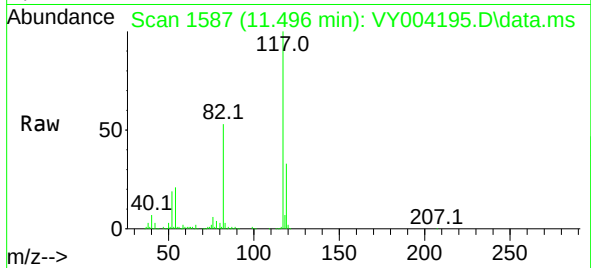




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004195.D
Acq: 25 Mar 2021 11:15

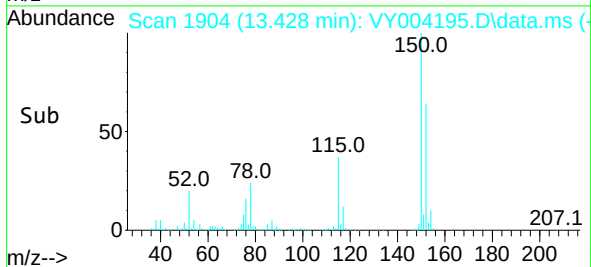
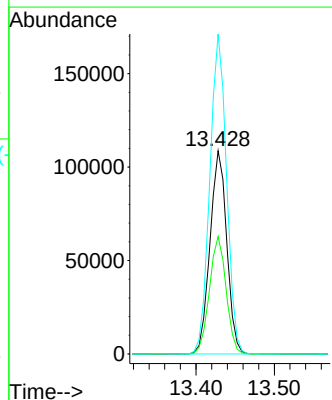
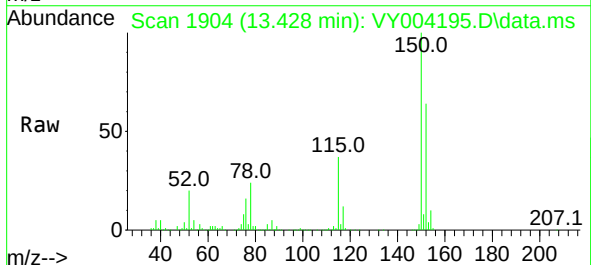
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBL01

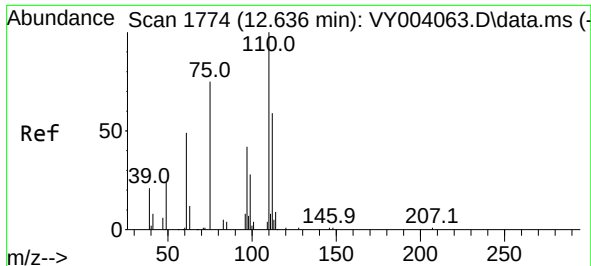
Tgt Ion:117 Resp: 321626
Ion Ratio Lower Upper
117 100
82 52.8 43.8 65.6
119 33.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004195.D
Acq: 25 Mar 2021 11:15

Tgt Ion:152 Resp: 161293
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.6
150 156.8 0.0 347.2

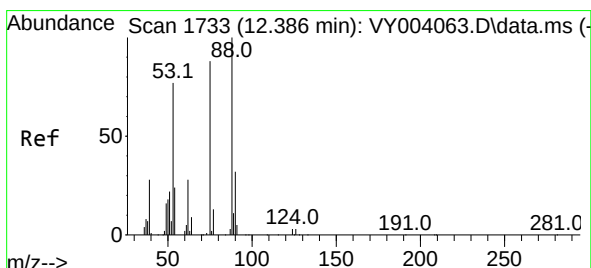
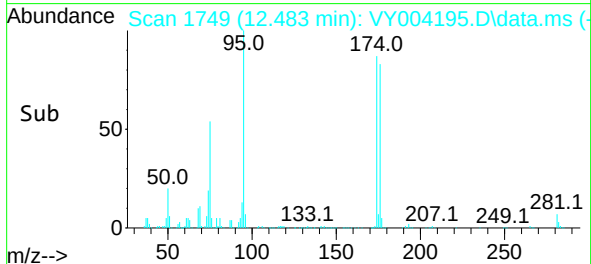
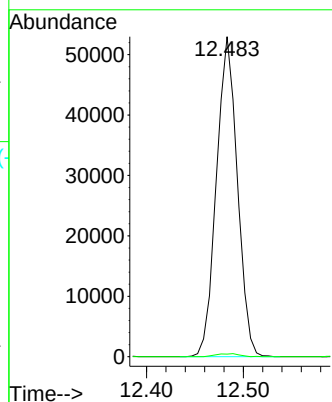
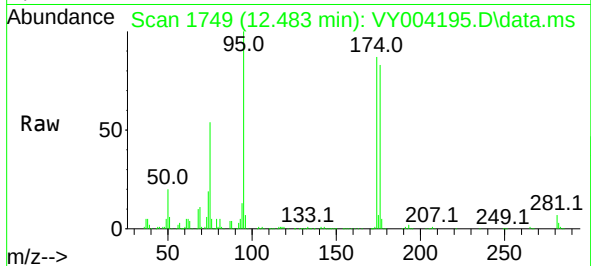




#76
1,2,3-Trichloropropane
Concen: 51.50 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004195.D
Acq: 25 Mar 2021 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBL01

Tgt Ion: 75 Resp: 79654
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004195.D
Acq: 25 Mar 2021 11:15

Tgt Ion: 75 Resp: 79654
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 0.3 35.7 53.5#

