

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
 Data File : VY004290.D
 Acq On : 06 Apr 2021 09:52
 Operator : SY/MD
 Sample : VY0406SBL01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0406SBL01

Quant Time: Apr 07 00:56:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

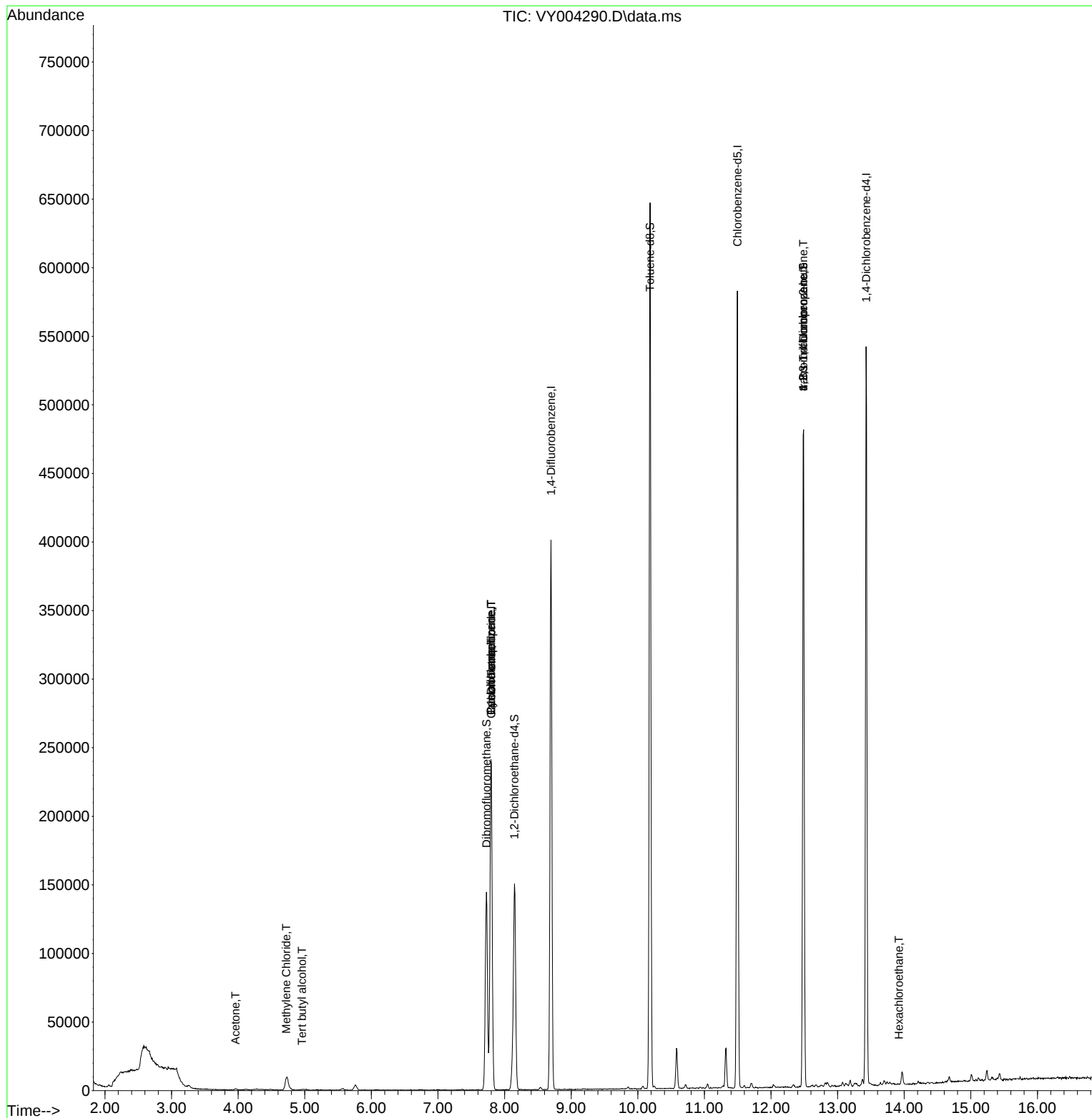
Internal Standards						
1) Pentafluorobenzene	7.795	168	191135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	328233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	298881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113382	61.71	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.42%			
35) Dibromofluoromethane	7.728	113	100343	54.87	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.74%			
50) Toluene-d8	10.185	98	401642	58.39	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.78%			
62) 4-Bromofluorobenzene	12.483	95	130544	55.37	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.74%			
Target Compounds						
11) Tert butyl alcohol	4.960	59	1096	7.33	ug/l #	71
13) Acrolein	3.735	56	117	Below Cal		88
16) Acetone	3.960	43	1525	3.98	ug/l	98
20) Methylene Chloride	4.722	84	6610	1.06	ug/l	94
31) Cyclohexane	7.795	56	4496	1.38	ug/l #	17
36) 1,1-Dichloropropene	7.795	75	15152	5.06	ug/l #	49
38) Carbon Tetrachloride	7.801	117	19015	7.30	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	72025	60.79	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	72025	112.04	ug/l #	10
90) Hexachloroethane	13.922	117	22	7.31	ug/l #	12

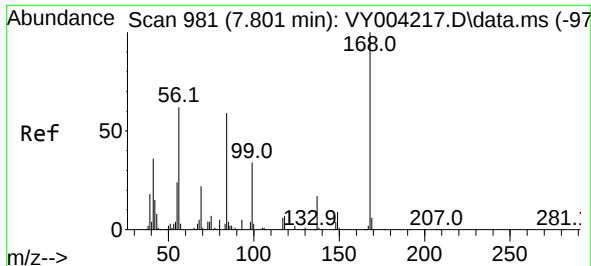
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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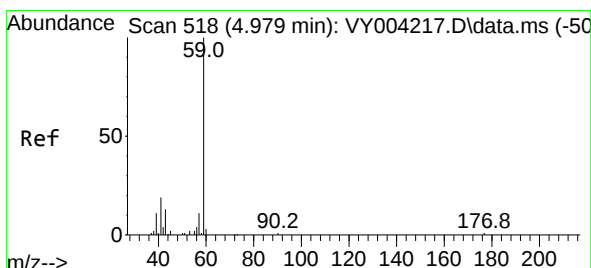
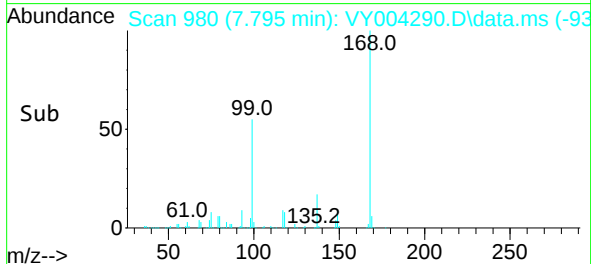
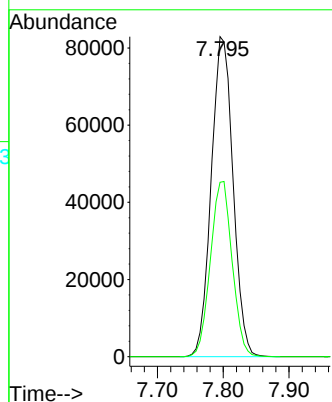
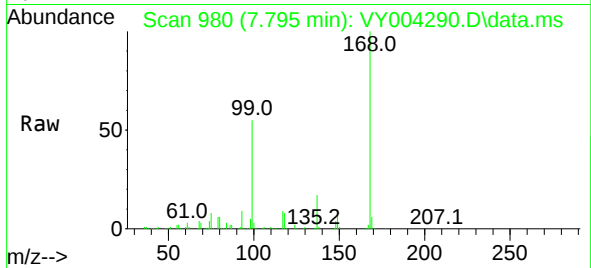




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004290.D
Acq: 06 Apr 2021 09:52

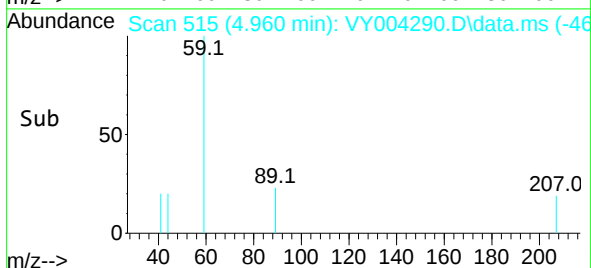
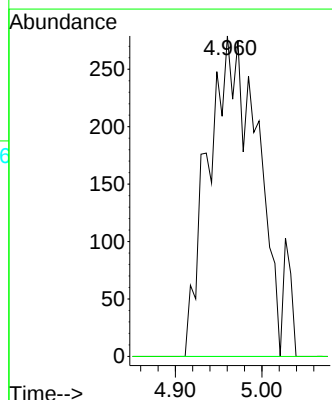
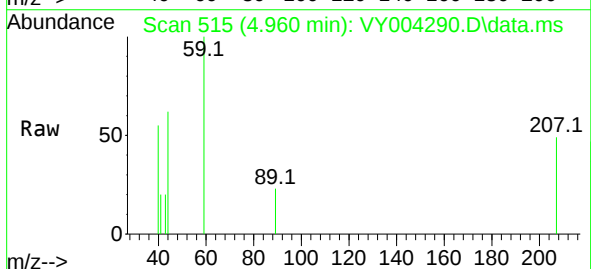
Instrument :
MSVOA_Y
ClientSampleId :
VY0406SBL01

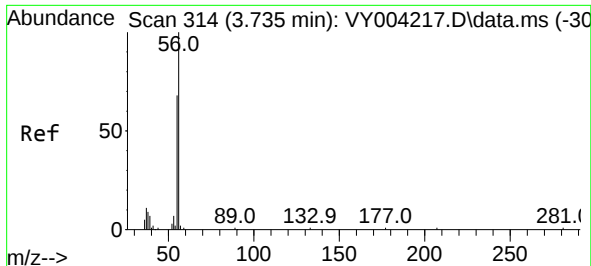
Tgt Ion:168 Resp: 191135
Ion Ratio Lower Upper
168 100
99 54.5 42.6 64.0



#11
Tert butyl alcohol
Concen: 7.33 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY004290.D
Acq: 06 Apr 2021 09:52

Tgt Ion: 59 Resp: 1096
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

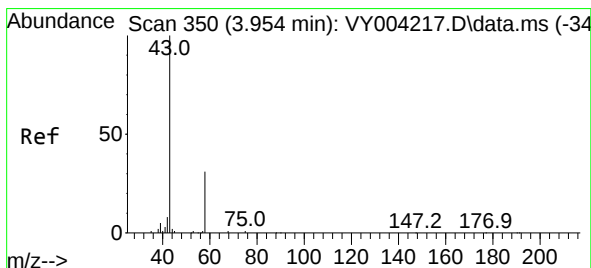
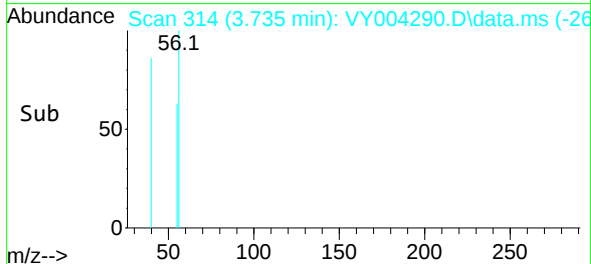
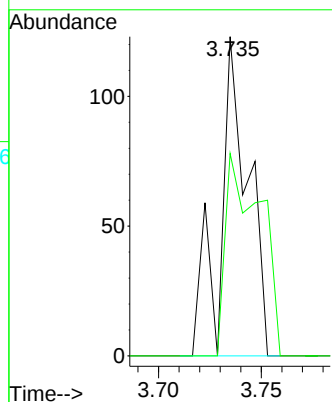
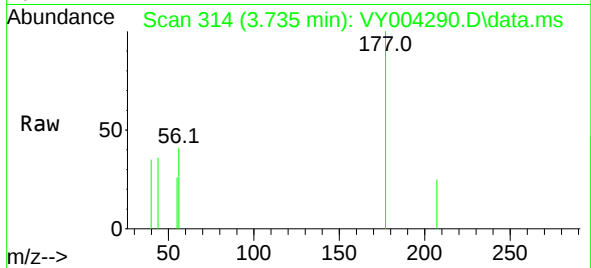




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY004290.D
Acq: 06 Apr 2021 09:52

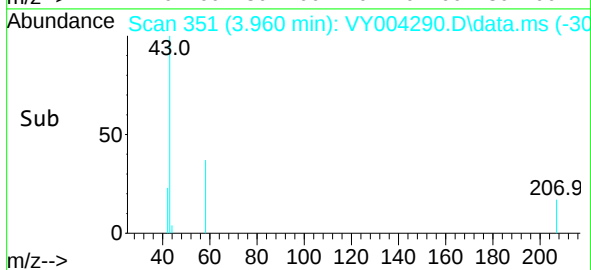
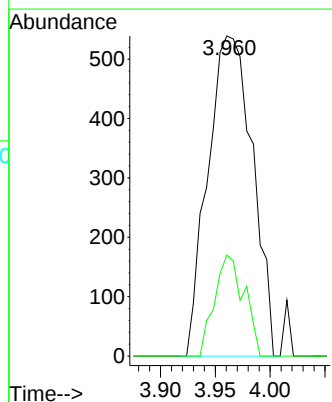
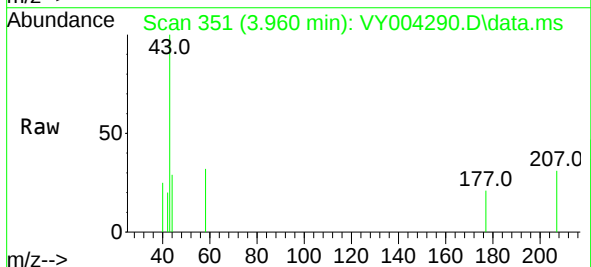
Instrument :
MSVOA_Y
ClientSampleId :
VY0406SBL01

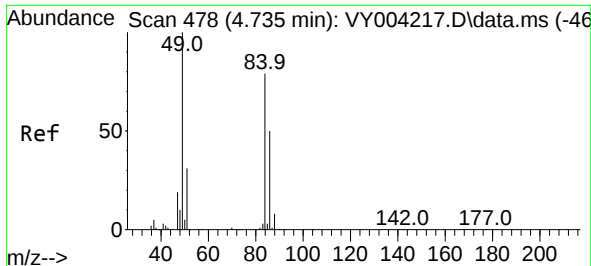
Tgt Ion: 56 Resp: 117
Ion Ratio Lower Upper
56 100
55 78.6 55.0 82.4



#16
Acetone
Concen: 3.98 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004290.D
Acq: 06 Apr 2021 09:52

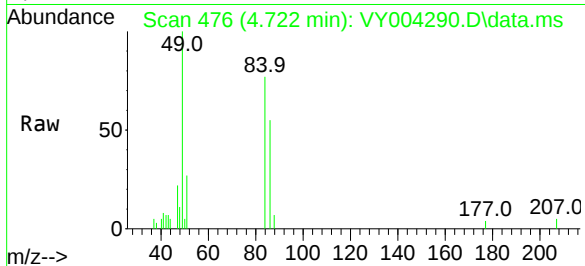
Tgt Ion: 43 Resp: 1525
Ion Ratio Lower Upper
43 100
58 31.5 24.5 36.7



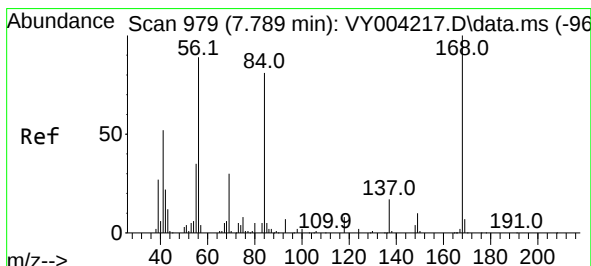
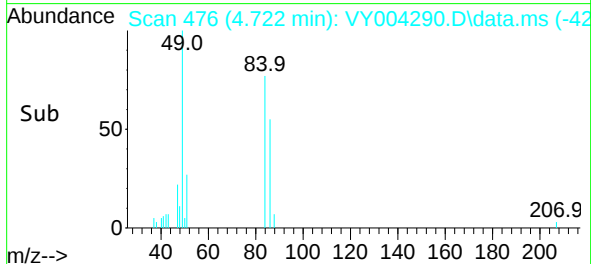
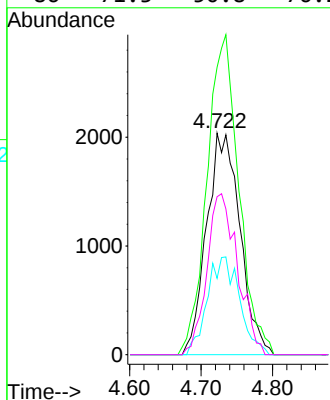


#20
Methylene Chloride
Concen: 1.06 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.013 min
Lab File: VY004290.D
Acq: 06 Apr 2021 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0406SBL01

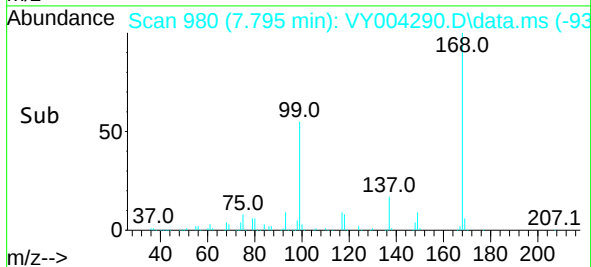
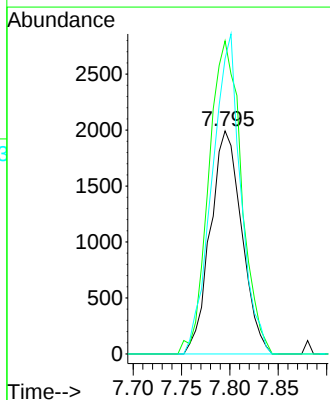
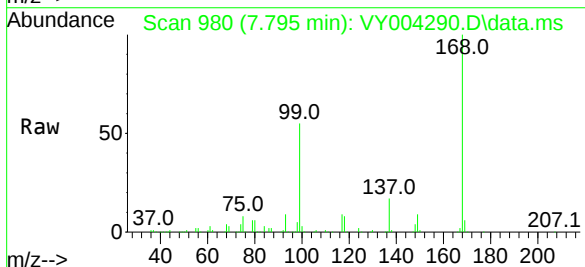


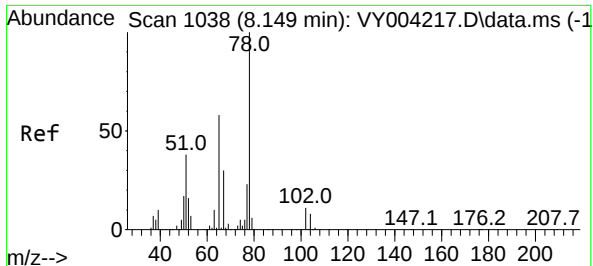
Tgt Ion:	84	Resp:	6610
Ion	Ratio	Lower	Upper
84	100		
49	129.8	101.5	152.3
51	34.5	31.5	47.3
86	71.3	50.8	76.2



#31
Cyclohexane
Concen: 1.38 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004290.D
Acq: 06 Apr 2021 09:52

Tgt Ion:	56	Resp:	4496
Ion	Ratio	Lower	Upper
56	100		
69	140.4	26.6	40.0#
84	132.5	72.3	108.5#

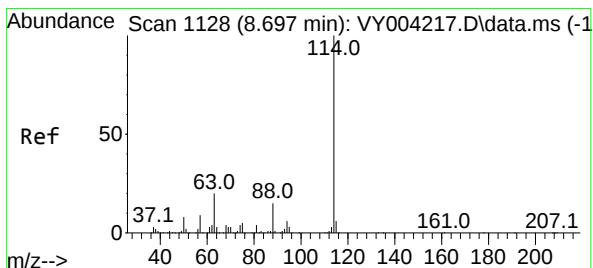
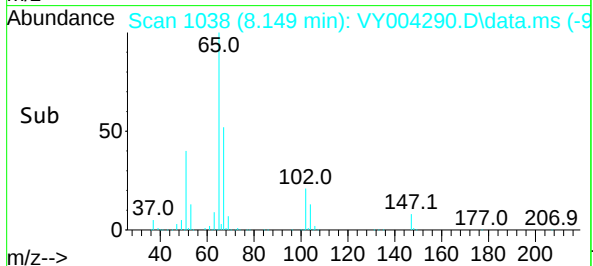
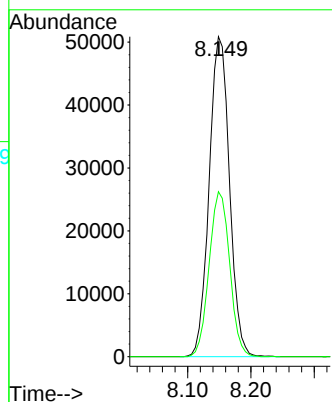
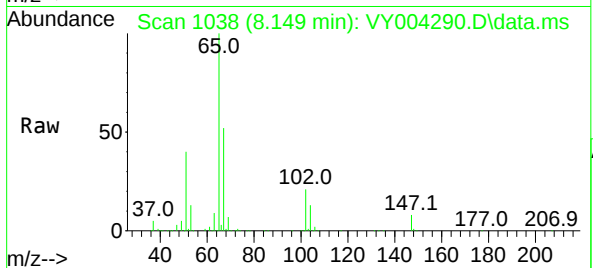




#33
 1,2-Dichloroethane-d4
 Concen: 61.71 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY004290.D
 Acq: 06 Apr 2021 09:52

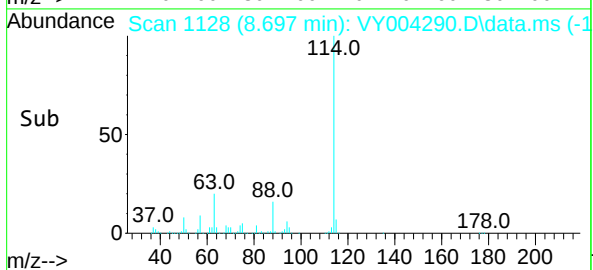
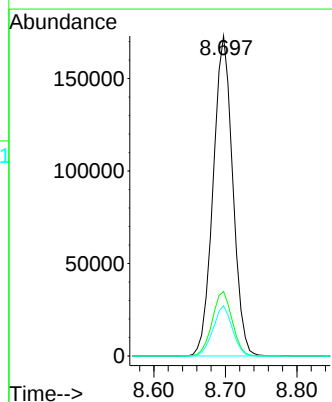
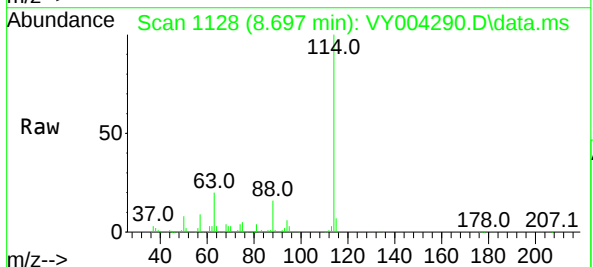
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0406SBL01

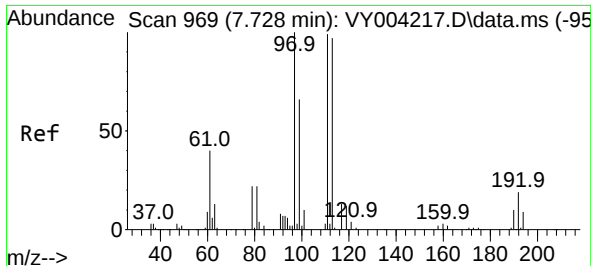
Tgt Ion: 65 Resp: 113382
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004290.D
 Acq: 06 Apr 2021 09:52

Tgt Ion: 114 Resp: 328233
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.4
 88 15.7 0.0 30.8

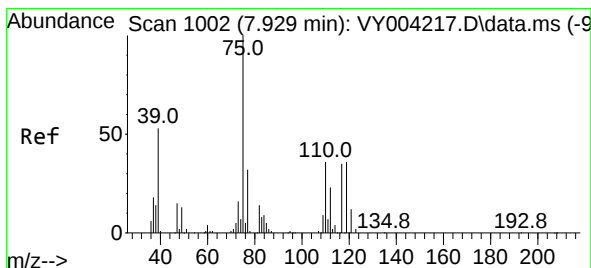
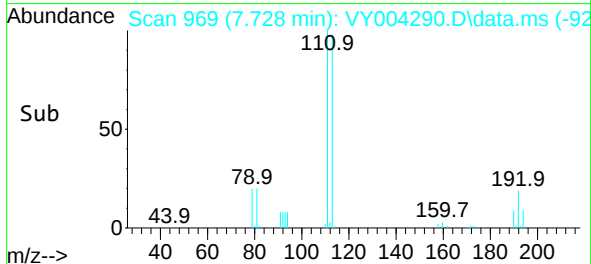
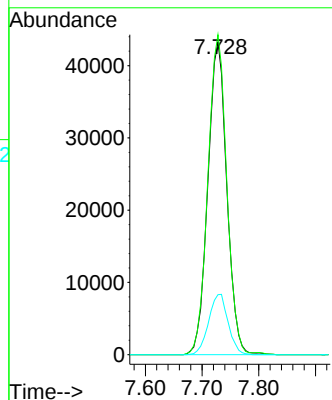
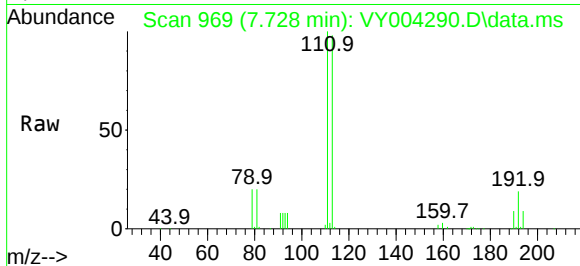




#35
Dibromofluoromethane
Concen: 54.87 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004290.D
Acq: 06 Apr 2021 09:52

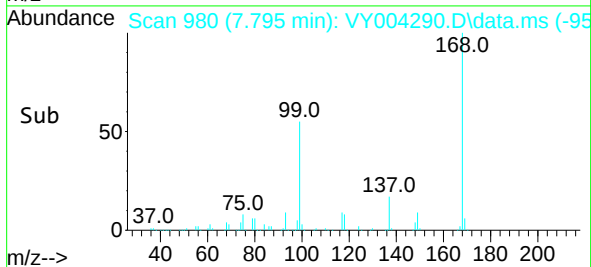
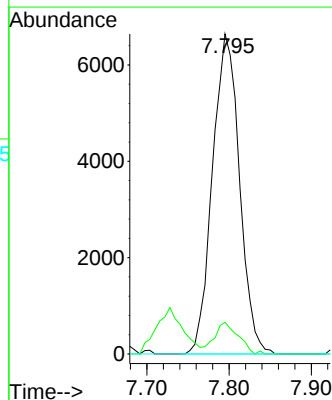
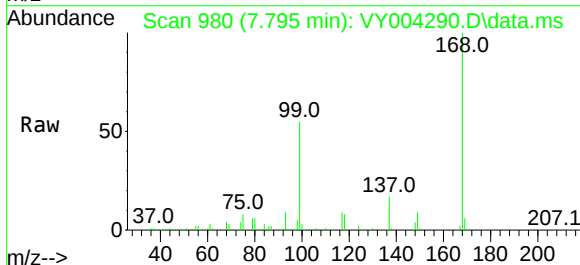
Instrument :
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ClientSampleId :
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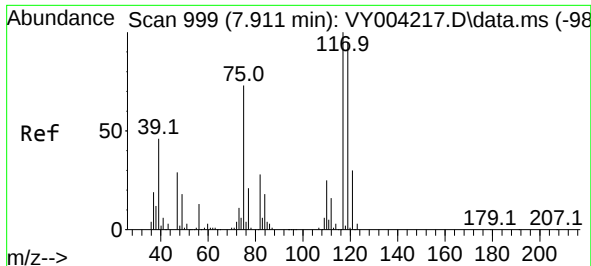
Tgt Ion:	113	Resp:	100343
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	124.0
192	19.8	16.4	24.6



#36
1,1-Dichloropropene
Concen: 5.06 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004290.D
Acq: 06 Apr 2021 09:52

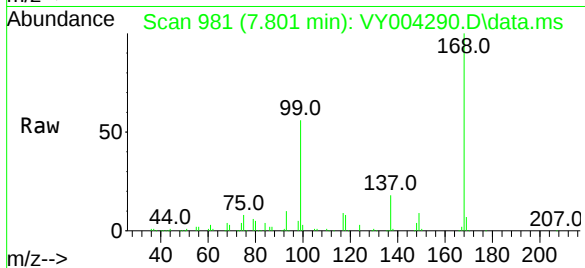
Tgt Ion:	75	Resp:	15152
Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.3#
77	0.0	25.1	37.7#



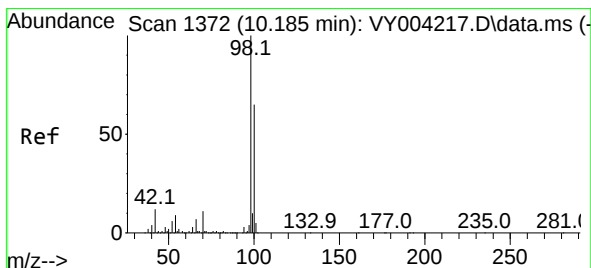
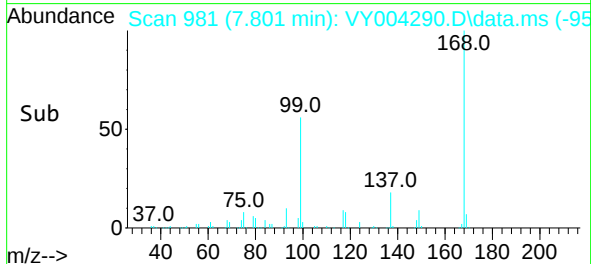
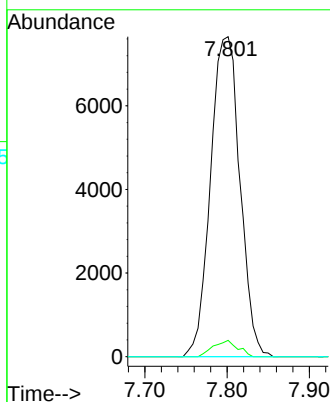


#38
Carbon Tetrachloride
Concen: 7.30 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004290.D
Acq: 06 Apr 2021 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0406SBL01

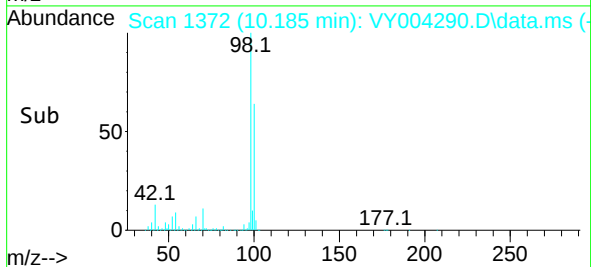
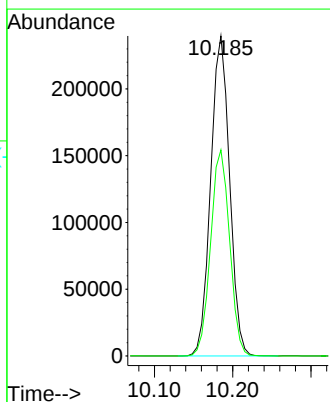
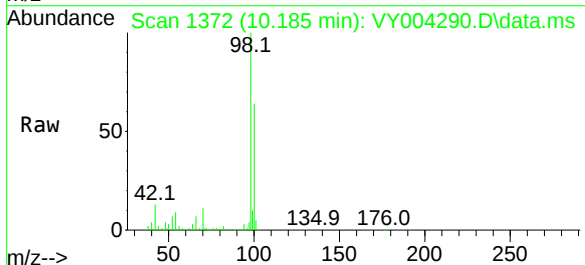


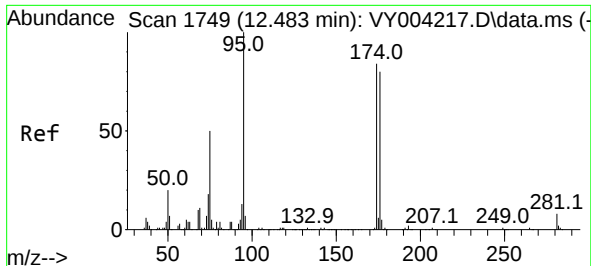
Tgt Ion:117 Resp: 19015
Ion Ratio Lower Upper
117 100
119 5.1 75.6 113.4#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 58.39 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004290.D
Acq: 06 Apr 2021 09:52

Tgt Ion: 98 Resp: 401642
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

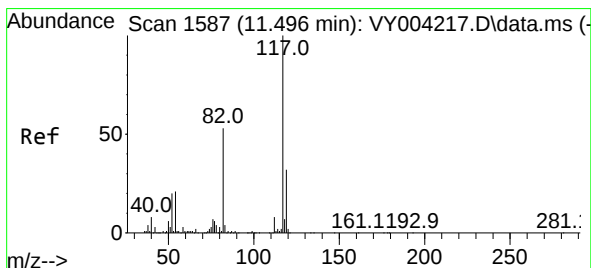
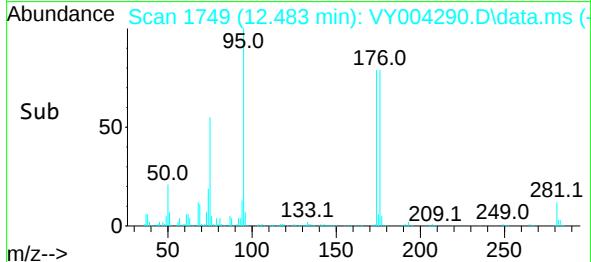
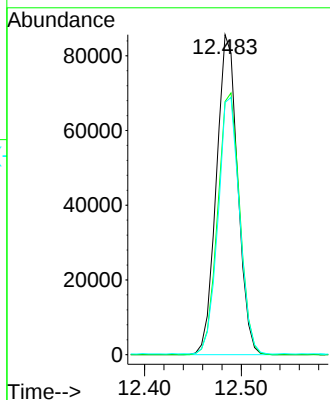
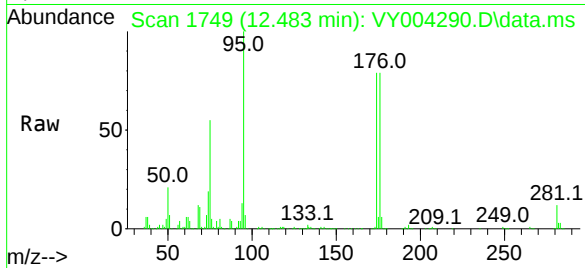




#62
4-Bromofluorobenzene
Concen: 55.37 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004290.D
Acq: 06 Apr 2021 09:52

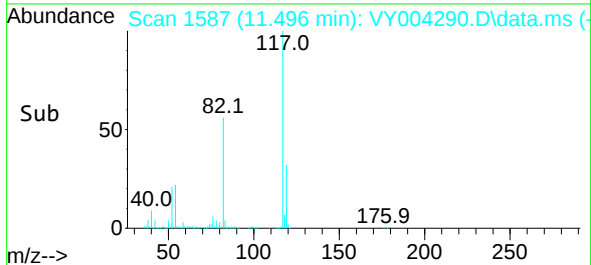
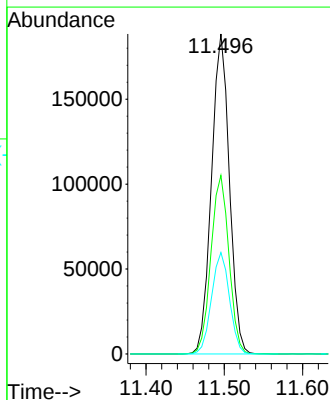
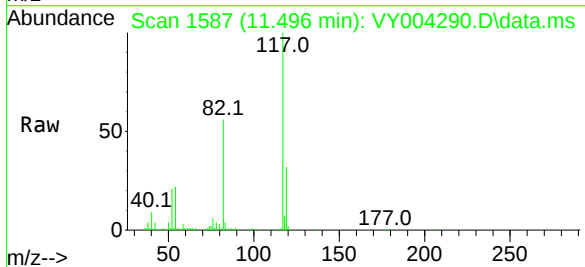
Instrument :
MSVOA_Y
ClientSampleId :
VY0406SBL01

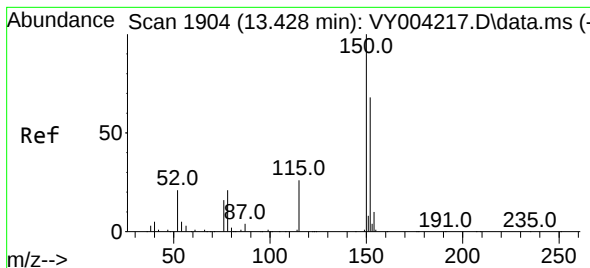
Tgt Ion: 95 Resp: 130544
Ion Ratio Lower Upper
95 100
174 84.6 0.0 171.4
176 80.9 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004290.D
Acq: 06 Apr 2021 09:52

Tgt Ion: 117 Resp: 298881
Ion Ratio Lower Upper
117 100
82 55.8 42.7 64.1
119 31.7 25.7 38.5

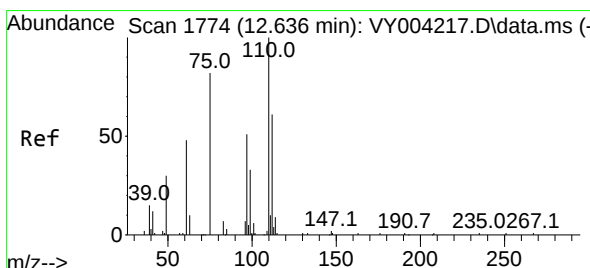
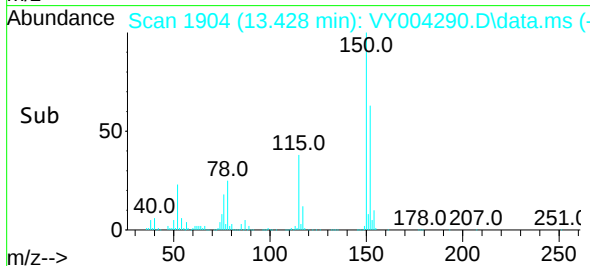
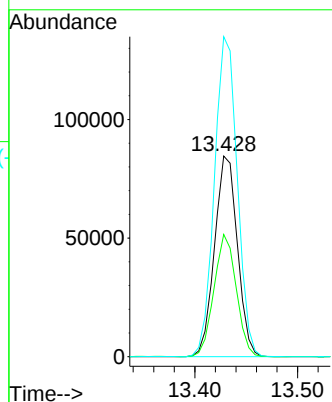
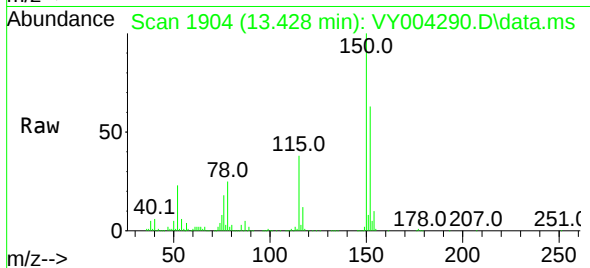




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004290.D
 Acq: 06 Apr 2021 09:52

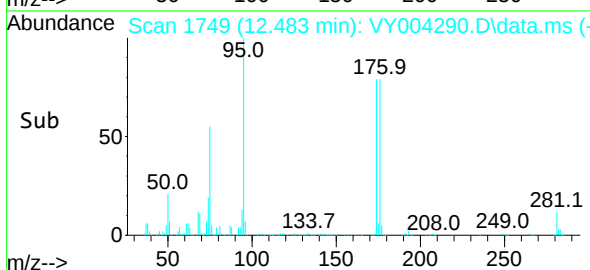
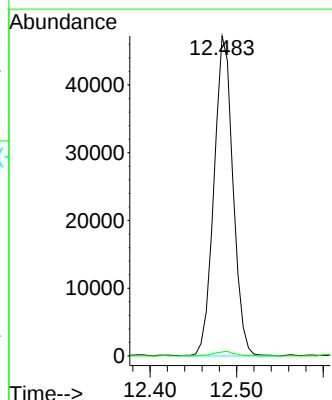
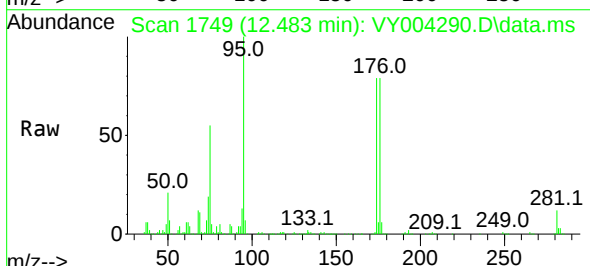
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0406SBL01

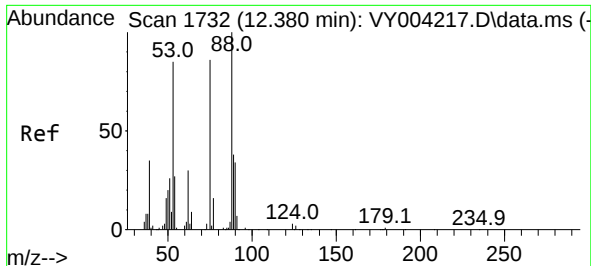
Tgt Ion:152 Resp: 130476
 Ion Ratio Lower Upper
 152 100
 115 59.4 29.0 87.1
 150 159.7 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 60.79 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004290.D
 Acq: 06 Apr 2021 09:52

Tgt Ion: 75 Resp: 72025
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

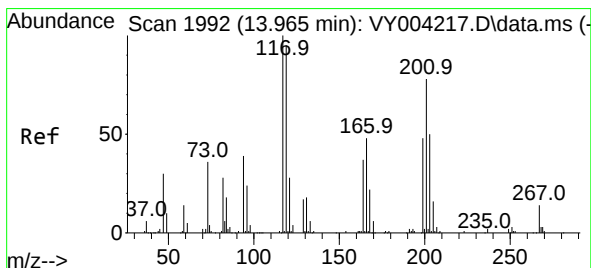
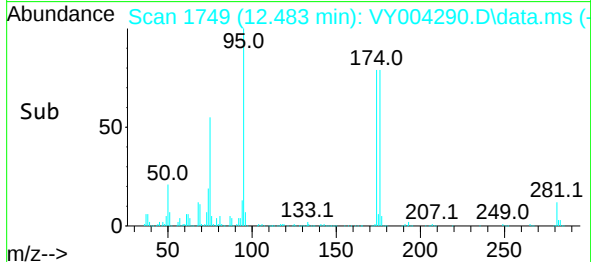
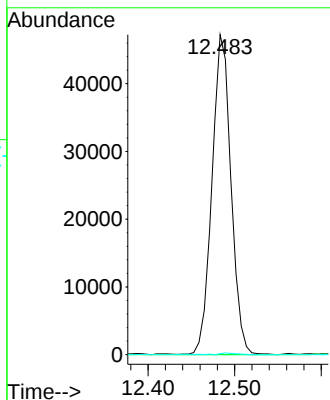
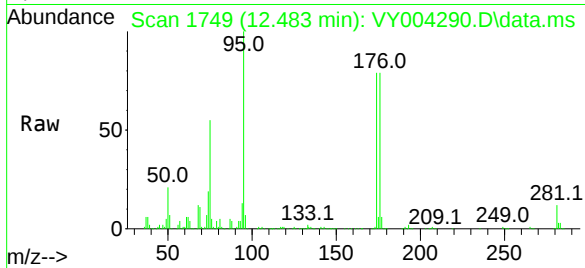




#81
trans-1,4-Dichloro-2-butene
Concen: 112.04 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004290.D
Acq: 06 Apr 2021 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0406SBL01

Tgt Ion: 75 Resp: 72025
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.5 39.4 59.2#



#90
Hexachloroethane
Concen: 7.31 ug/l
RT: 13.922 min Scan# 1985
Delta R.T. -0.043 min
Lab File: VY004290.D
Acq: 06 Apr 2021 09:52

Tgt Ion: 117 Resp: 22
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

