

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040521\
 Data File : VY004283.D
 Acq On : 05 Apr 2021 14:44
 Operator : SY/MD
 Sample : M1932-01
 Misc : 5.73g/5mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TS-1

Quant Time: Apr 05 16:22:01 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)

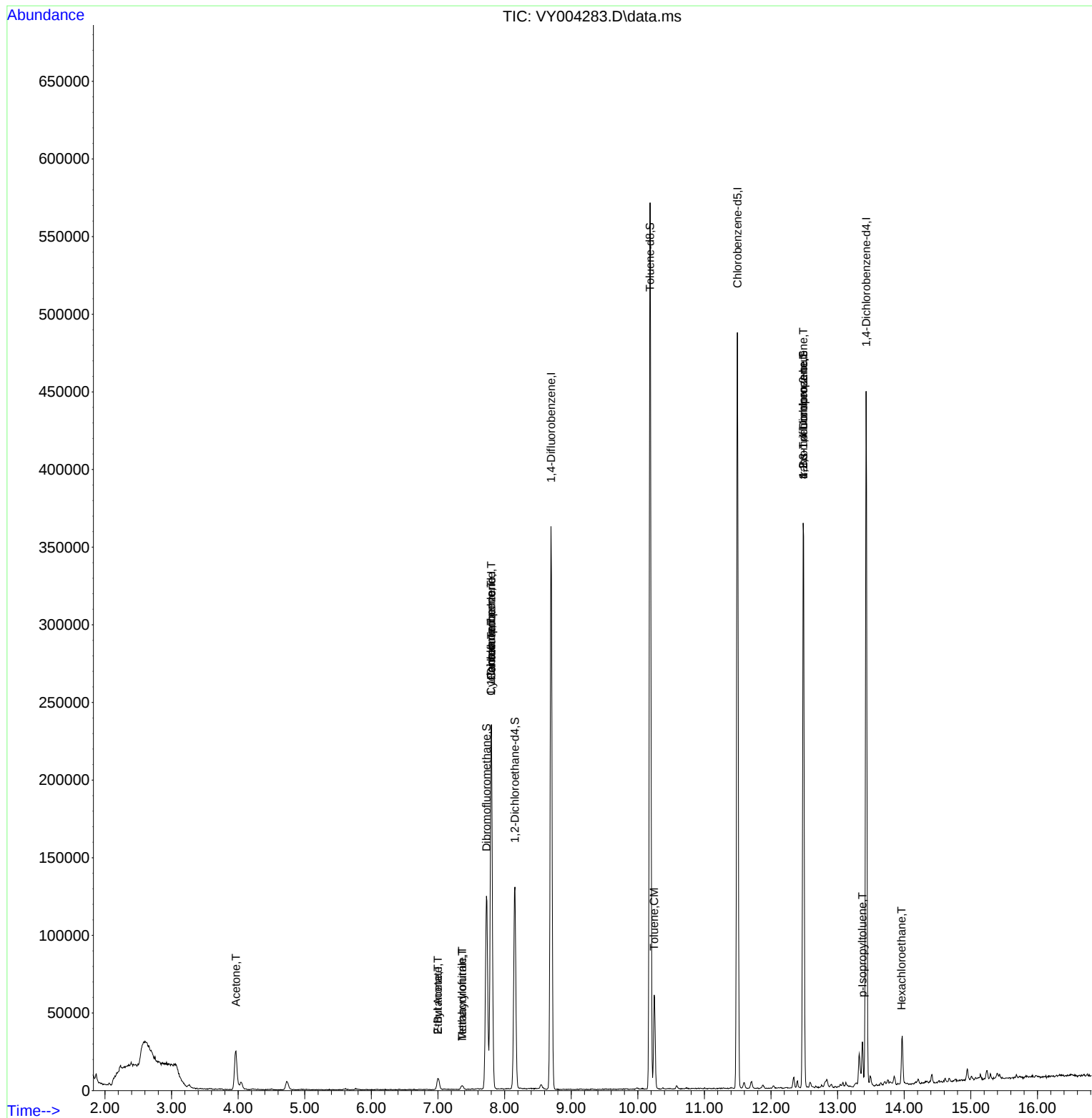
Internal Standards						
1) Pentafluorobenzene	7.801	168	180182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	296227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	256150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107861	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	100933	58.27	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.54%			
35) Dibromofluoromethane	7.728	113	86823	52.60	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.20%			
50) Toluene-d8	10.185	98	353557	56.95	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.90%			
62) 4-Bromofluorobenzene	12.483	95	109838	51.62	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.24%			
Target Compounds					Qvalue	
13) Acrolein	3.741	56	262	Below Cal		99
16) Acetone	3.966	43	44961	124.59	ug/l	97
20) Methylene Chloride	4.729	84	3917	Below Cal		97
25) 2-Butanone	6.996	43	13442	22.30	ug/l #	86
29) Tetrahydrofuran	7.362	42	2172	5.11	ug/l	90
31) Cyclohexane	7.795	56	4334	1.42	ug/l #	36
36) 1,1-Dichloropropene	7.795	75	14121	5.22	ug/l #	50
37) Ethyl Acetate	6.996	43	13442	8.47	ug/l #	70
38) Carbon Tetrachloride	7.801	117	17834	7.58	ug/l #	16
41) Methacrylonitrile	7.362	41	1293	1.47	ug/l #	28
49) 1,4-Dioxane	9.307	88	103	Below Cal	#	38
52) Toluene	10.246	92	23801	4.83	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	59590	60.84	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59590	112.13	ug/l #	10
86) p-Isopropyltoluene	13.373	119	14282	2.01	ug/l	99
90) Hexachloroethane	13.959	117	40	7.34	ug/l #	12

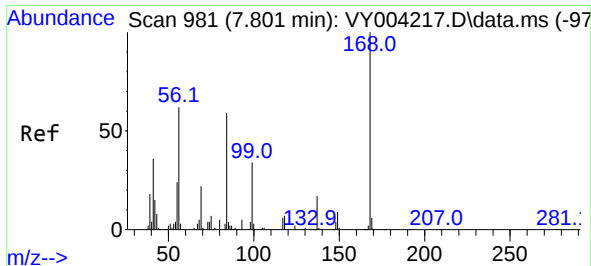
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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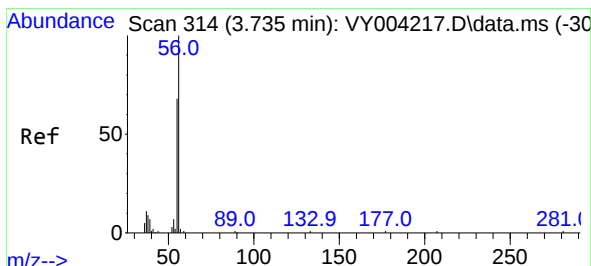
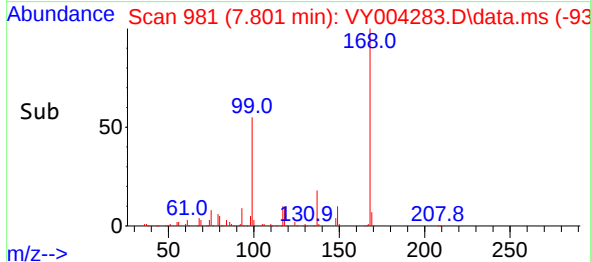
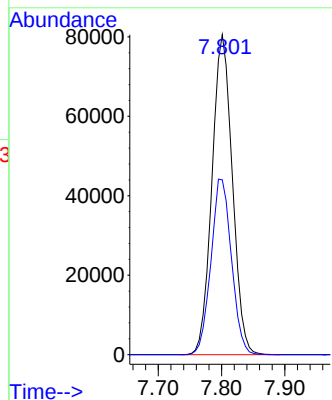
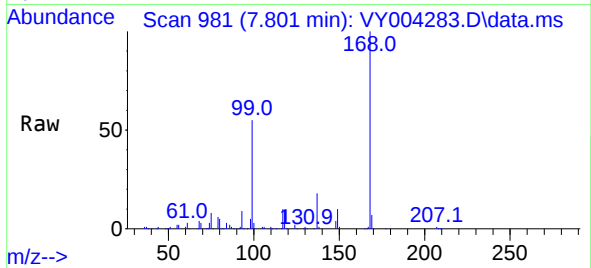




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

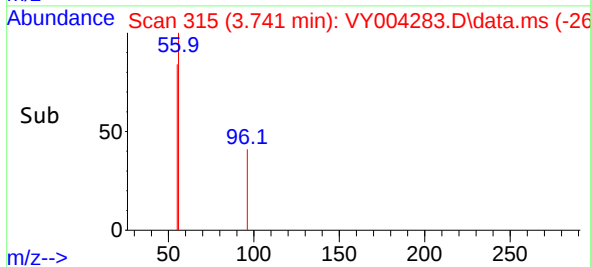
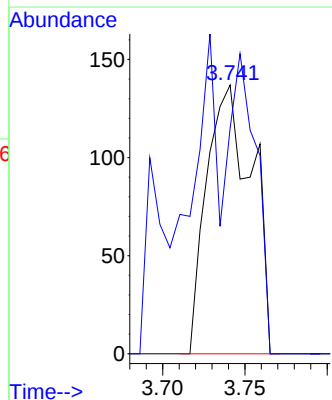
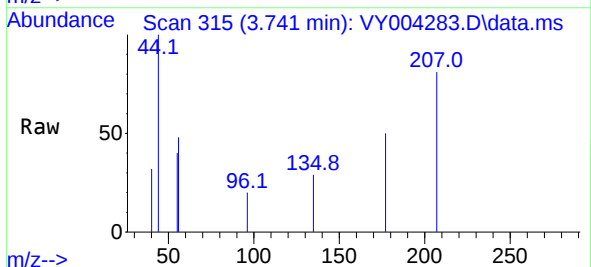
Instrument :
MSVOA_Y
ClientSampled :
TS-1

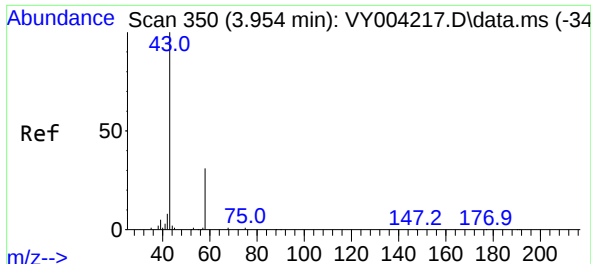
Tgt Ion:168 Resp: 180182
Ion Ratio Lower Upper
168 100
99 54.6 42.6 64.0



#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

Tgt Ion: 56 Resp: 262
Ion Ratio Lower Upper
56 100
55 67.6 55.0 82.4

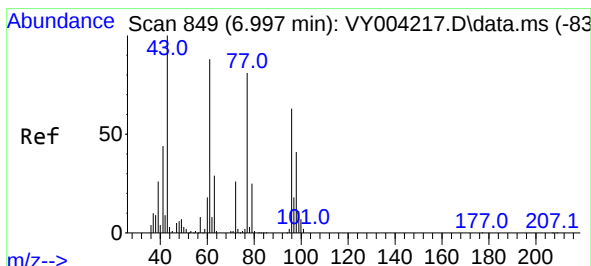
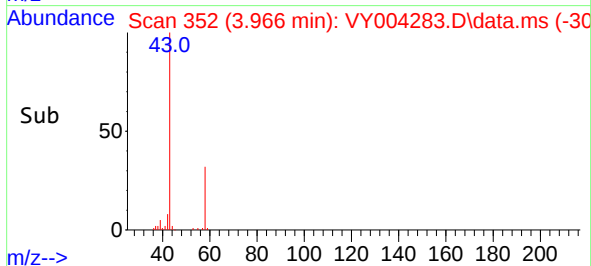
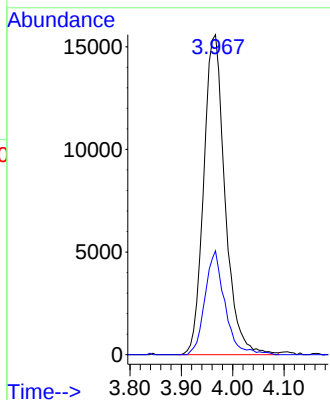
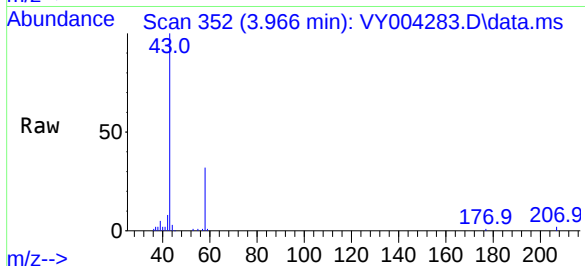




#16
Acetone
Concen: 124.59 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

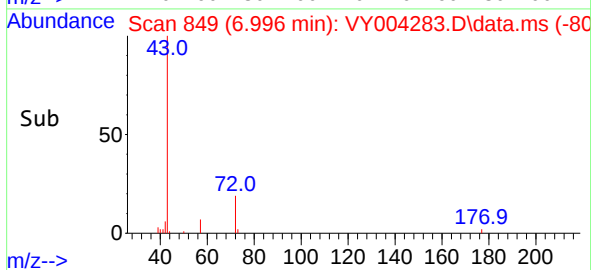
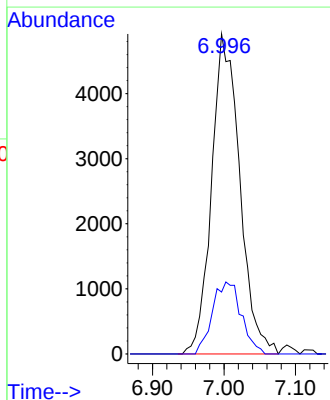
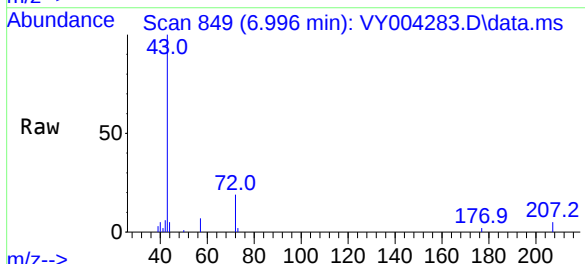
Instrument :
MSVOA_Y
ClientSampled :
TS-1

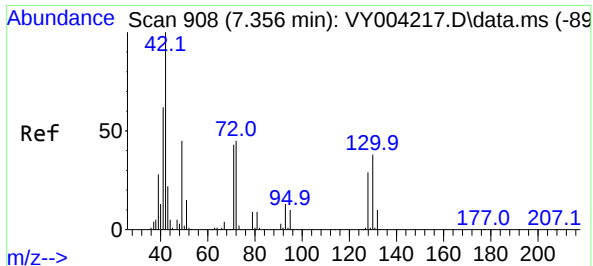
Tgt Ion: 43 Resp: 44961
Ion Ratio Lower Upper
43 100
58 32.5 24.5 36.7



#25
2-Butanone
Concen: 22.30 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

Tgt Ion: 43 Resp: 13442
Ion Ratio Lower Upper
43 100
72 19.3 21.0 31.6#

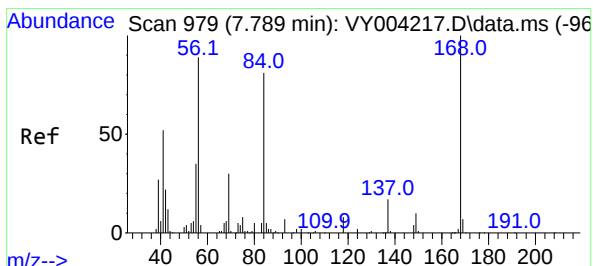
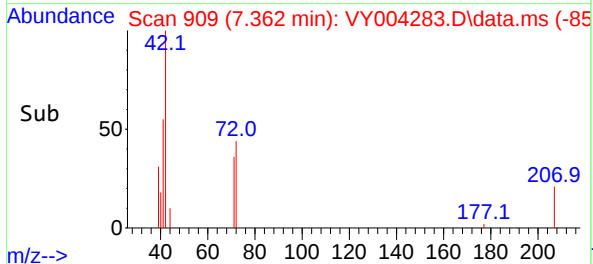
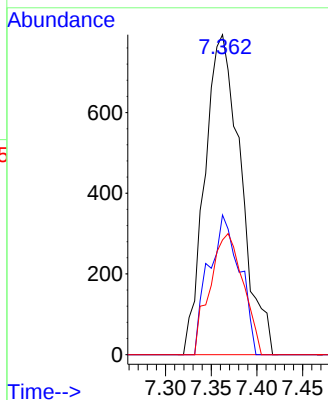
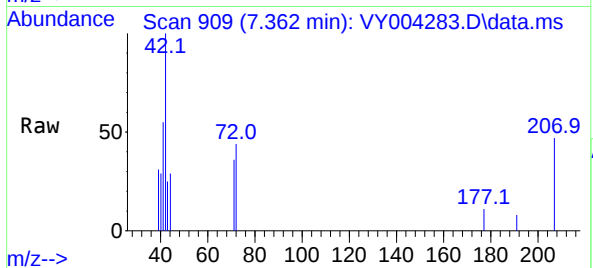




#29
Tetrahydrofuran
Concen: 5.11 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.006 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

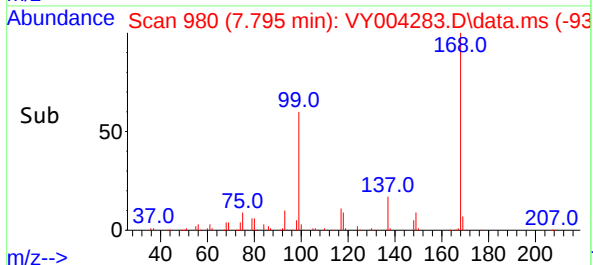
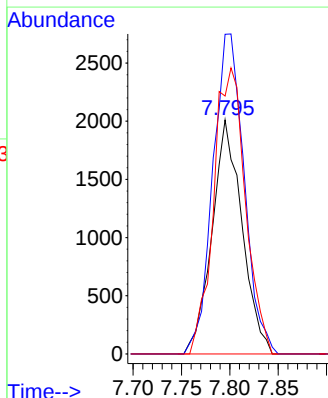
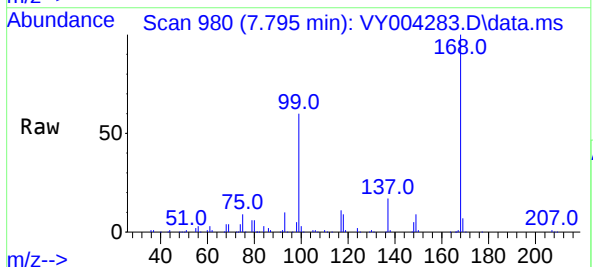
Instrument :
MSVOA_Y
ClientSampled :
TS-1

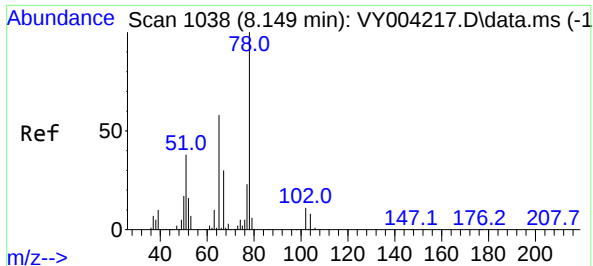
Tgt Ion:	42	Resp:	2172
Ion	Ratio	Lower	Upper
42	100		
72	37.5	35.1	52.7
71	34.9	32.9	49.3



#31
Cyclohexane
Concen: 1.42 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

Tgt Ion:	56	Resp:	4334
Ion	Ratio	Lower	Upper
56	100		
69	136.5	26.6	40.0#
84	110.2	72.3	108.5#

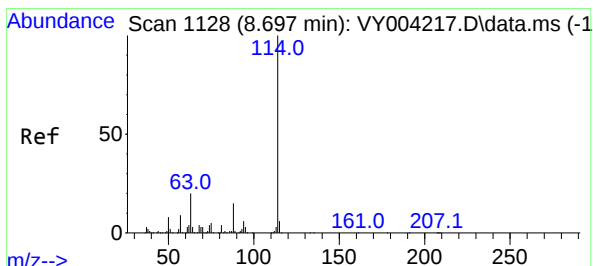
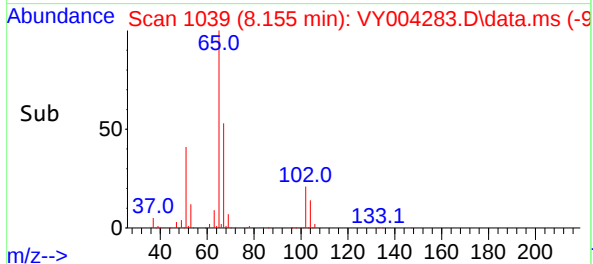
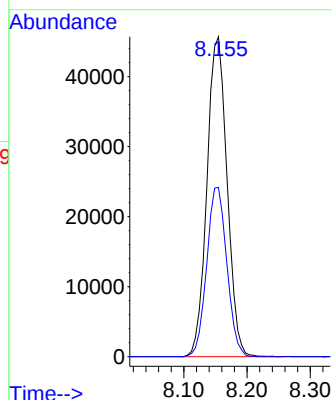
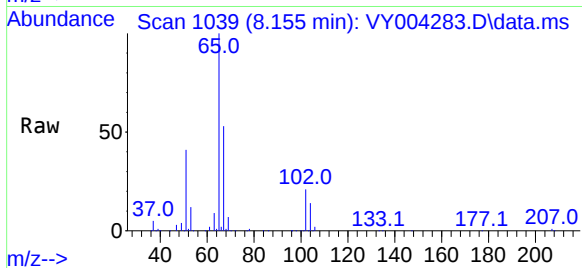




#33
1,2-Dichloroethane-d4
Concen: 58.27 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

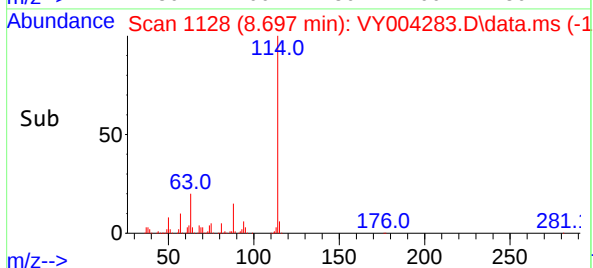
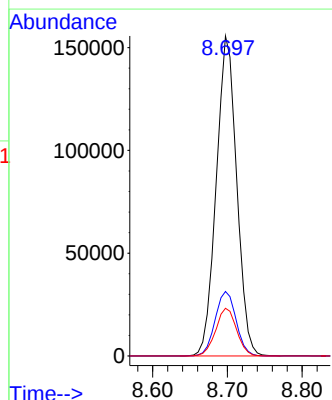
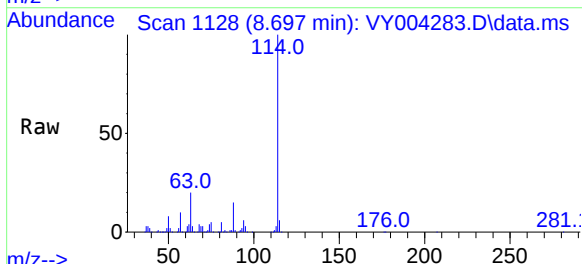
Instrument :
MSVOA_Y
ClientSampled :
TS-1

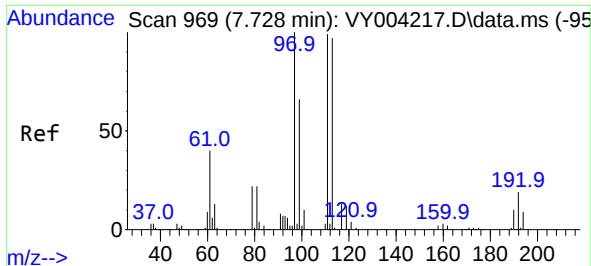
Tgt Ion: 65 Resp: 100933
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

Tgt Ion:114 Resp: 296227
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.4
88 14.9 0.0 30.8



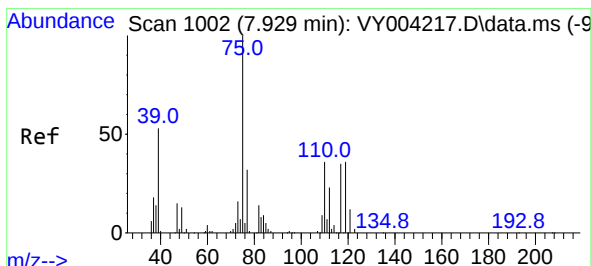
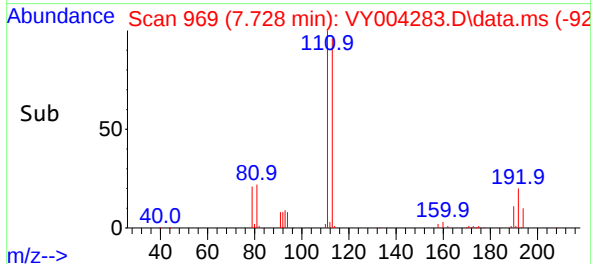
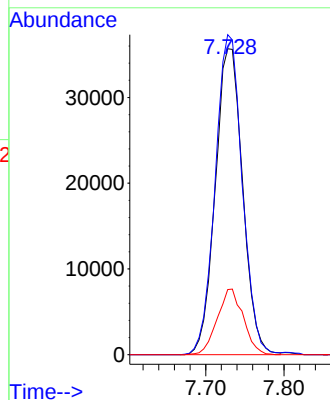
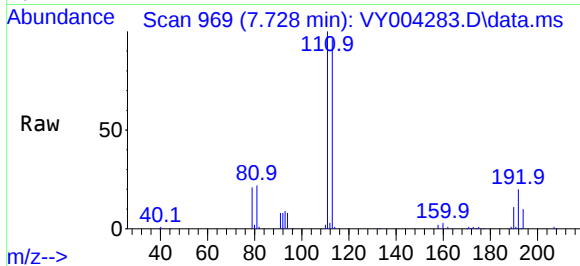


#35
Dibromofluoromethane
Concen: 52.60 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

Instrument :
MSVOA_Y
ClientSampled :
TS-1

Tgt Ion:113 Resp: 86823

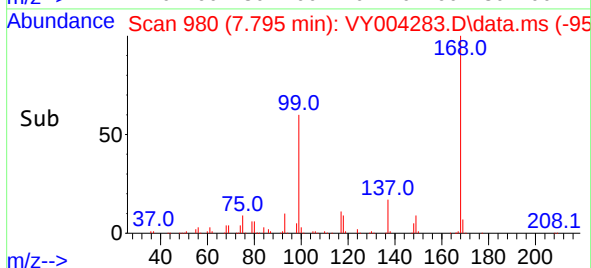
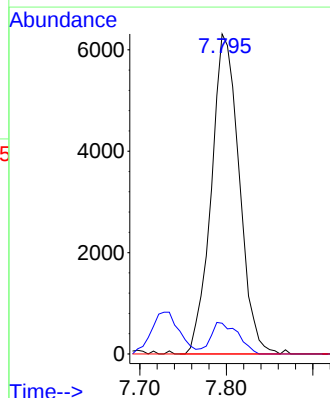
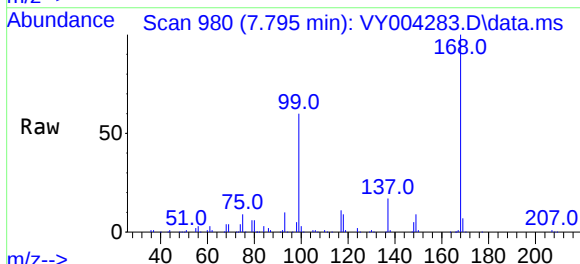
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	124.0
192	20.4	16.4	24.6

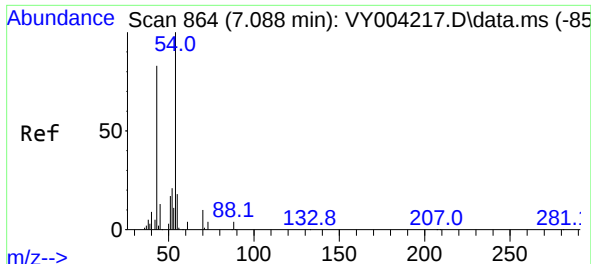


#36
1,1-Dichloropropene
Concen: 5.22 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

Tgt Ion: 75 Resp: 14121

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.3#
77	0.0	25.1	37.7#

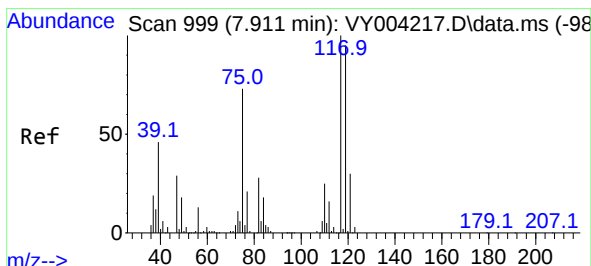
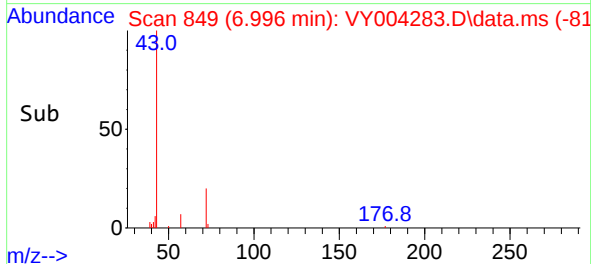
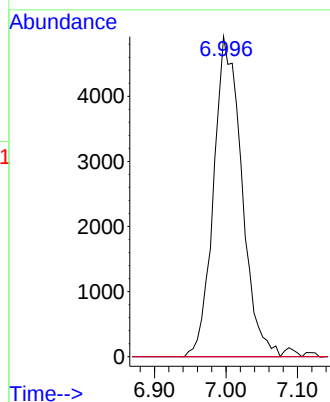
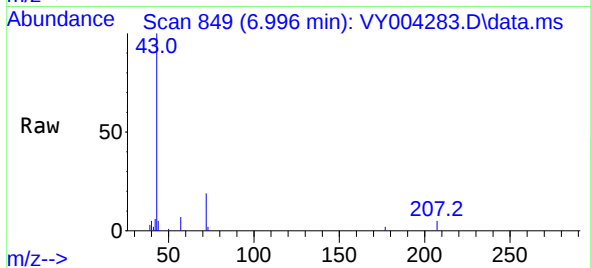




#37
Ethyl Acetate
Concen: 8.47 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.091 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

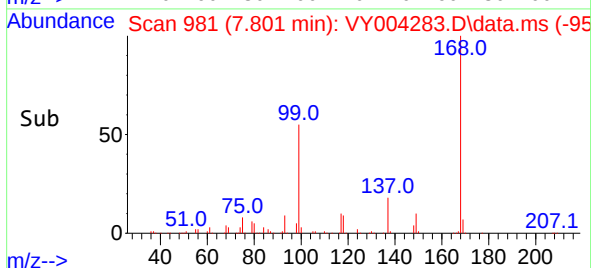
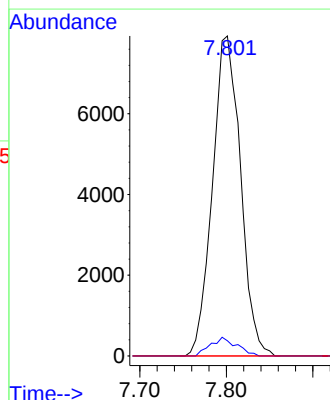
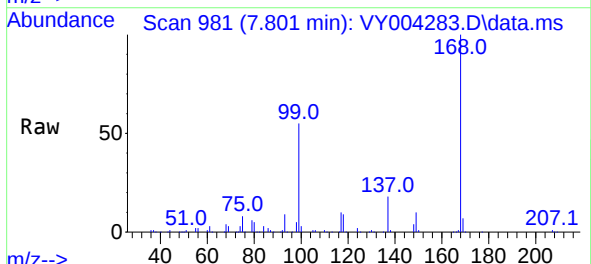
Instrument :
MSVOA_Y
ClientSampled :
TS-1

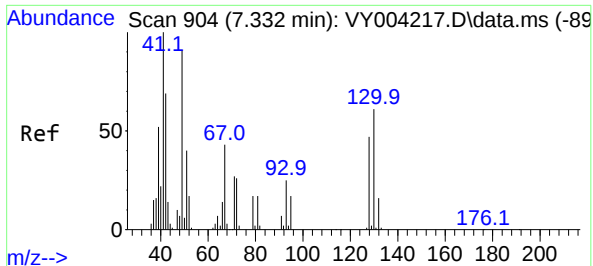
Tgt Ion: 43 Resp: 13442
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.2#
70 0.0 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 7.58 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

Tgt Ion: 117 Resp: 17834
Ion Ratio Lower Upper
117 100
119 4.7 75.6 113.4#
121 0.0 24.3 36.5#



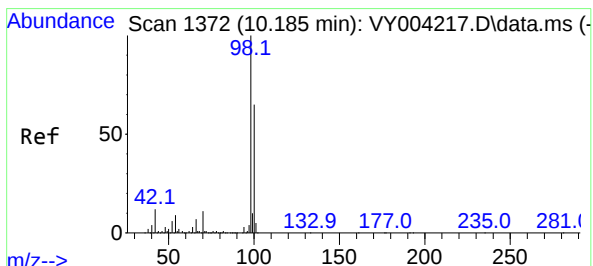
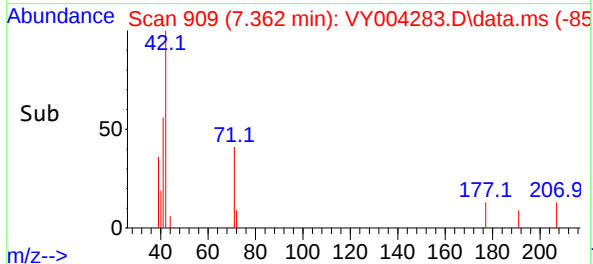
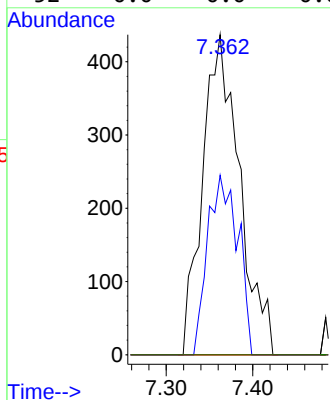
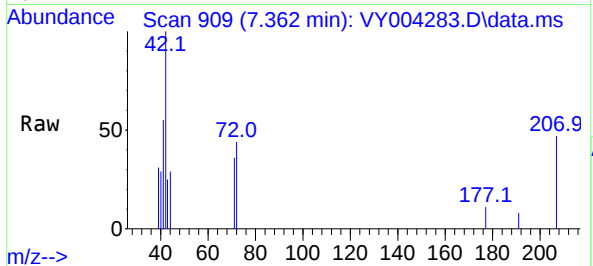


#41
Methacrylonitrile
Concen: 1.47 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.030 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

Instrument :
MSVOA_Y
ClientSampled :
TS-1

Tgt Ion: 41 Resp: 1293

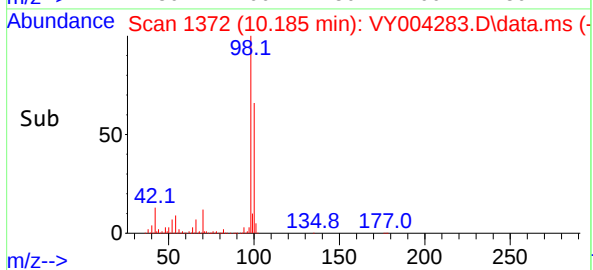
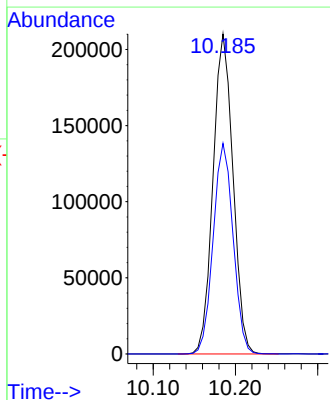
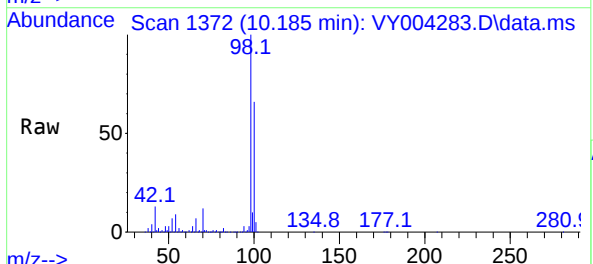
Ion	Ratio	Lower	Upper
41	100		
39	46.2	103.4	155.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

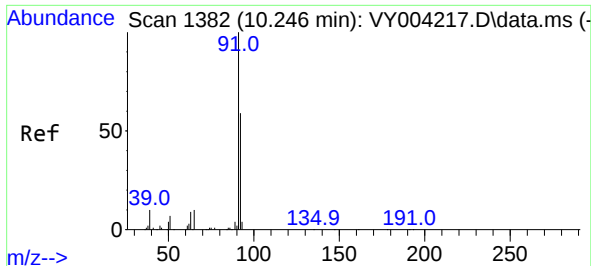


#50
Toluene-d8
Concen: 56.95 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

Tgt Ion: 98 Resp: 353557

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.5	78.7

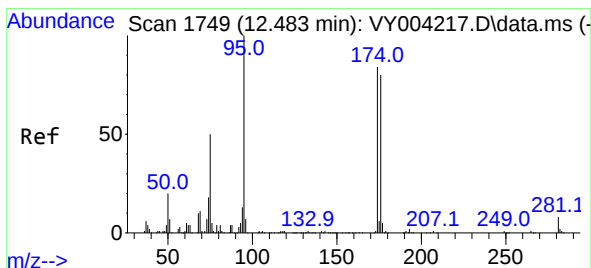
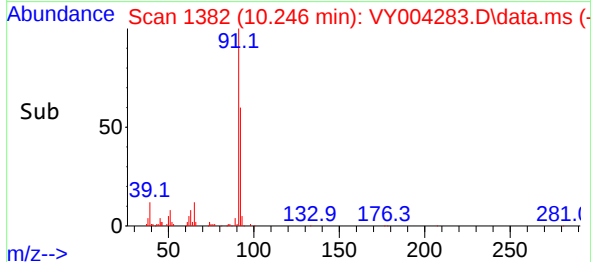
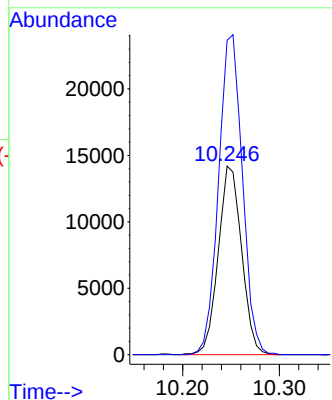
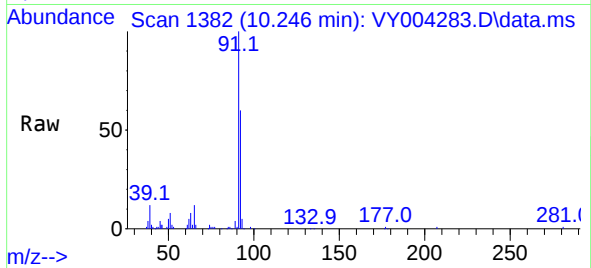




#52
Toluene
Concen: 4.83 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

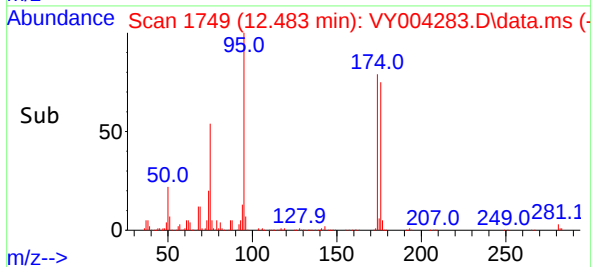
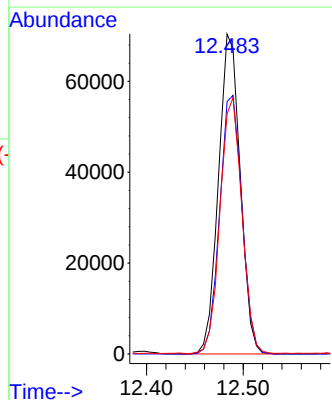
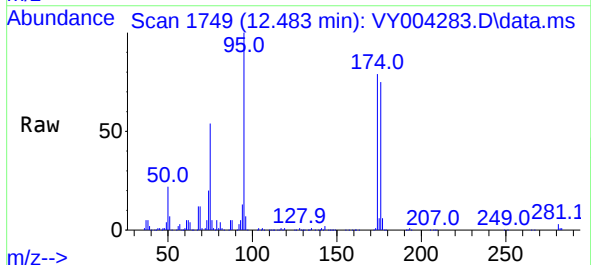
Instrument :
MSVOA_Y
ClientSampled :
TS-1

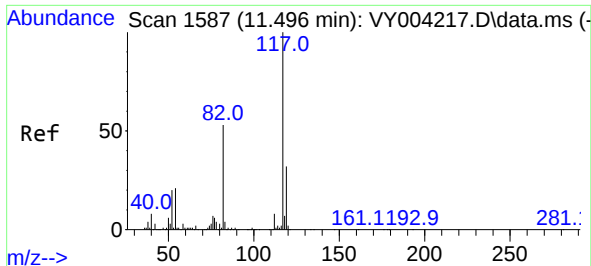
Tgt Ion: 92 Resp: 23801
Ion Ratio Lower Upper
92 100
91 173.1 136.0 204.0



#62
4-Bromofluorobenzene
Concen: 51.62 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

Tgt Ion: 95 Resp: 109838
Ion Ratio Lower Upper
95 100
174 82.8 0.0 171.4
176 80.1 0.0 165.6

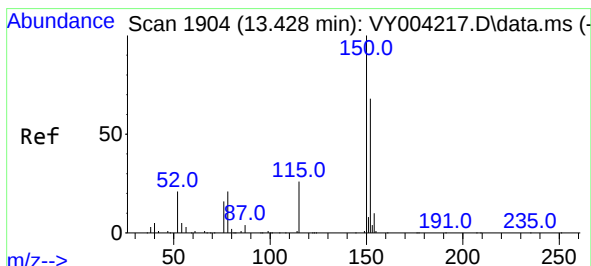
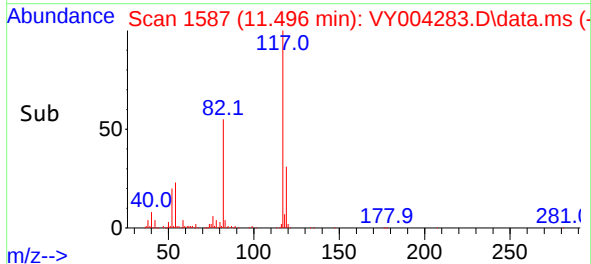
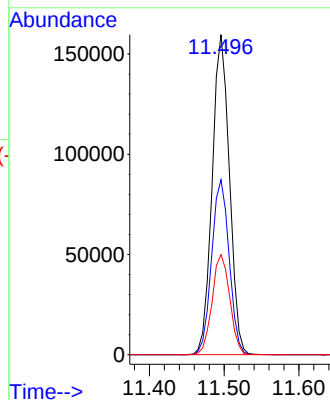
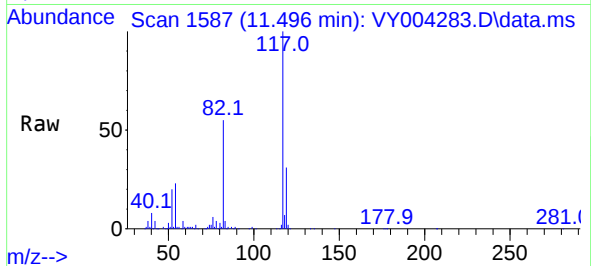




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

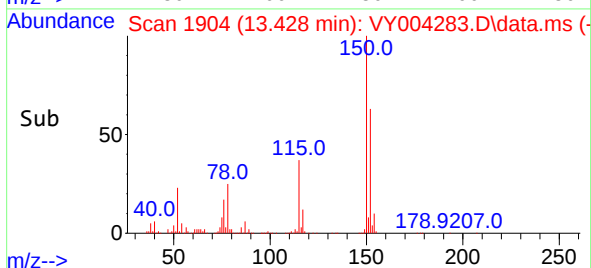
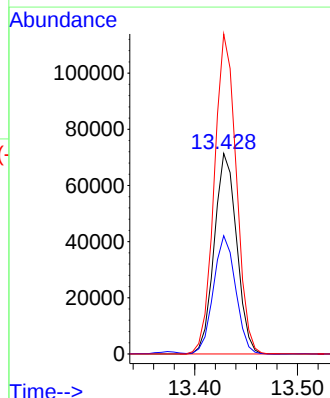
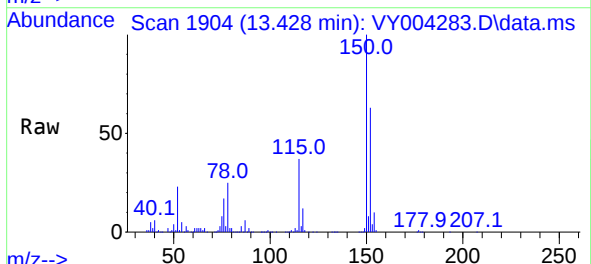
Instrument :
MSVOA_Y
ClientSampleId :
TS-1

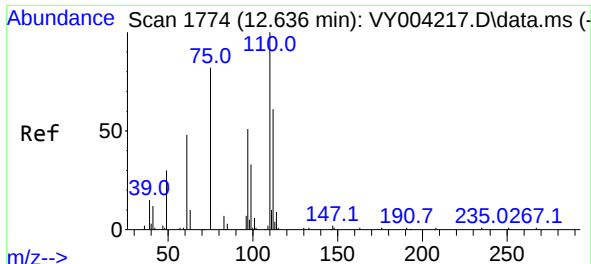
Tgt Ion:117 Resp: 256150
Ion Ratio Lower Upper
117 100
82 54.7 42.7 64.1
119 31.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

Tgt Ion:152 Resp: 107861
Ion Ratio Lower Upper
152 100
115 58.5 29.0 87.1
150 157.0 0.0 347.4

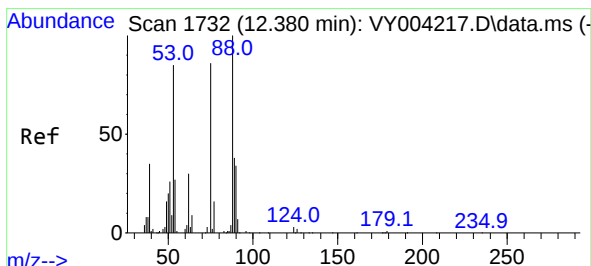
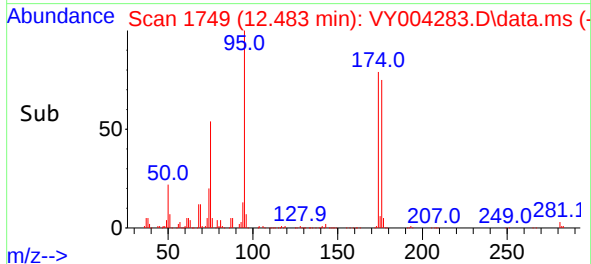
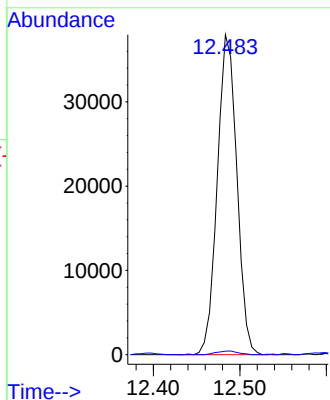
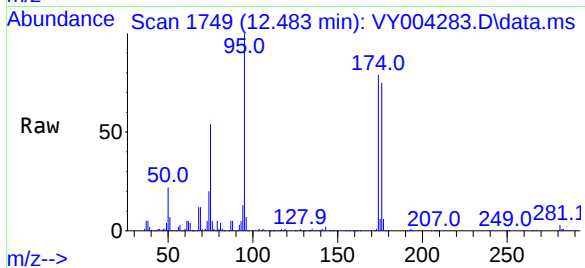




#76
1,2,3-Trichloropropane
Concen: 60.84 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

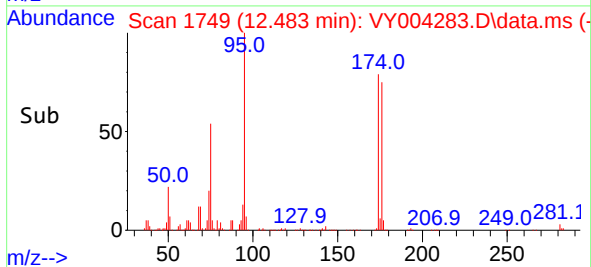
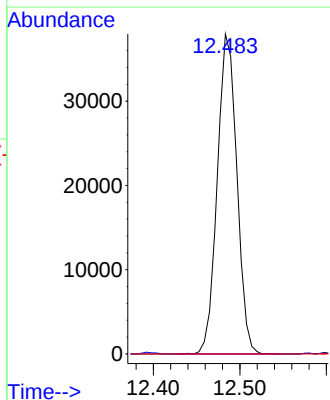
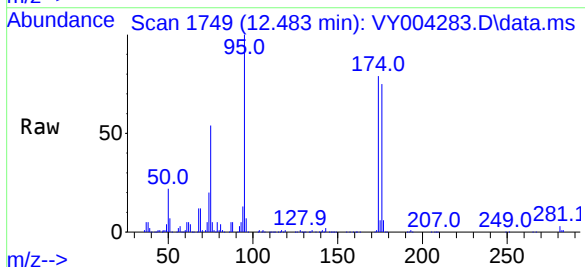
Instrument :
MSVOA_Y
ClientSampled :
TS-1

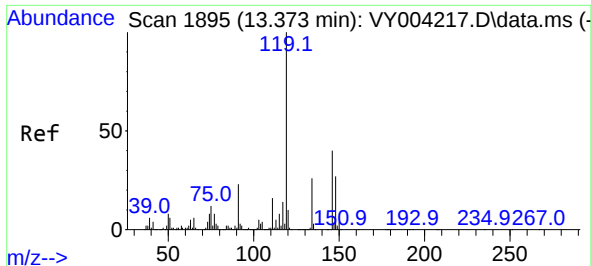
Tgt Ion: 75 Resp: 59590
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.13 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

Tgt Ion: 75 Resp: 59590
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.0 39.4 59.2#

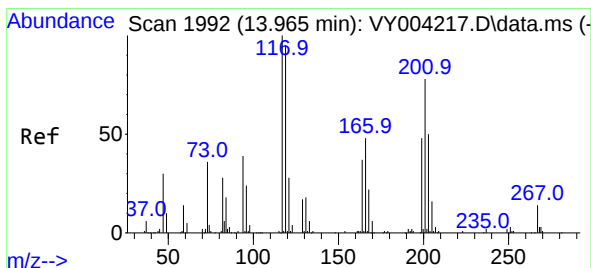
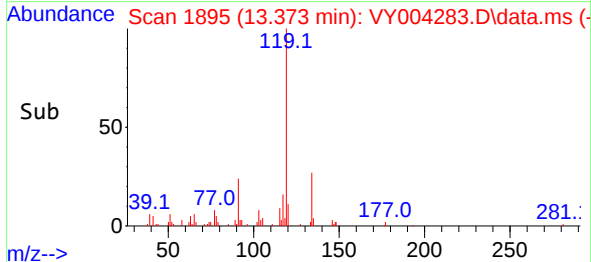
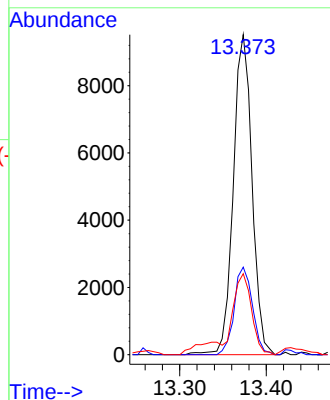
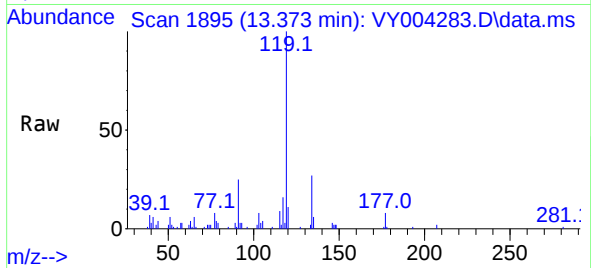




#86
p-Isopropyltoluene
Concen: 2.01 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

Instrument :
MSVOA_Y
ClientSampled :
TS-1

Tgt Ion:119 Resp: 14282
Ion Ratio Lower Upper
119 100
134 26.7 13.3 39.9
91 24.6 12.0 36.0



#90
Hexachloroethane
Concen: 7.34 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

Tgt Ion:117 Resp: 40
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

