

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090821\
 Data File : VY005957.D
 Acq On : 08 Sep 2021 11:22
 Operator : SY/MD
 Sample : VY0908SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0908SBL01

Quant Time: Sep 09 04:51:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

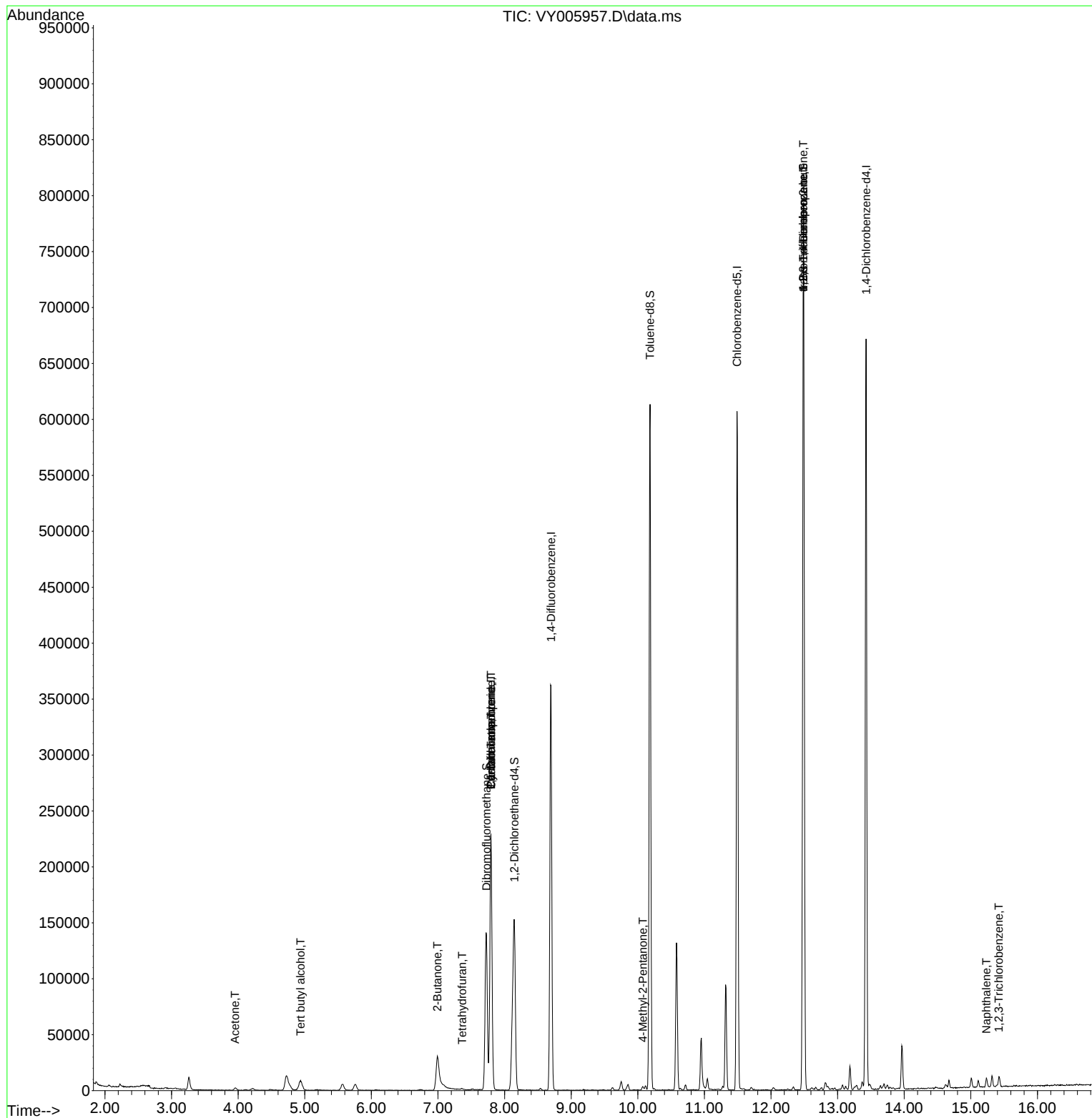
Internal Standards						
1) Pentafluorobenzene	7.795	168	193350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	324950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	344295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	103416	53.076	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.160%			
35) Dibromofluoromethane	7.728	113	99819	54.698	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.400%			
50) Toluene-d8	10.185	98	410145	53.552	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.100%			
62) 4-Bromofluorobenzene	12.483	95	154622	60.125	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 120.240%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	8655	22.589	ug/l #	80
16) Acetone	3.954	43	3701	7.449	ug/l #	87
25) 2-Butanone	6.990	43	2056	2.929	ug/l #	76
29) Tetrahydrofuran	7.362	42	467	1.027	ug/l #	88
31) Cyclohexane	7.795	56	3304	1.005	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12475	4.077	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16980	5.120	ug/l #	15
51) 4-Methyl-2-Pentanone	10.075	43	2099	1.171	ug/l #	85
76) 1,2,3-Trichloropropane	12.483	75	79904	47.268	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79904	89.893	ug/l #	14
95) Naphthalene	15.233	128	6809	1.004	ug/l	96
96) 1,2,3-Trichlorobenzene	15.422	180	3317	1.076	ug/l	98

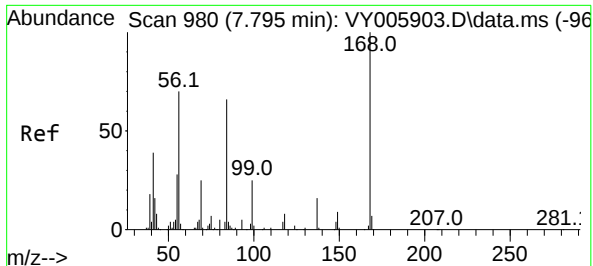
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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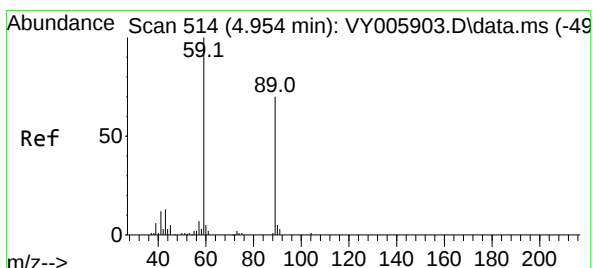
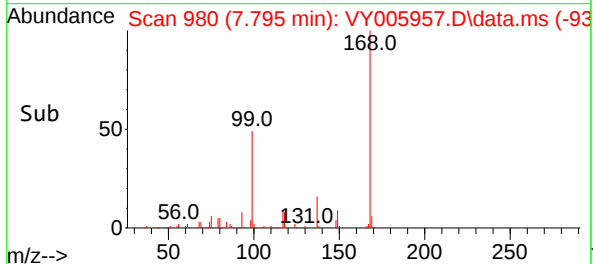
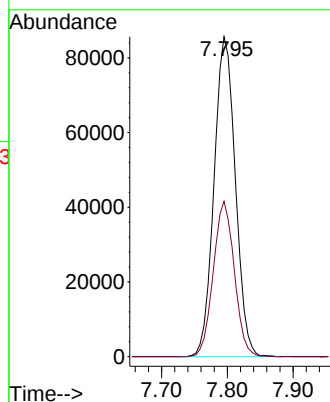
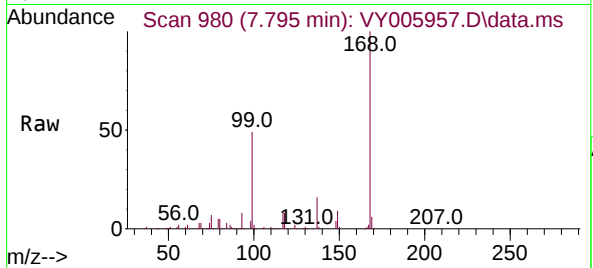




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005957.D
Acq: 08 Sep 2021 11:22

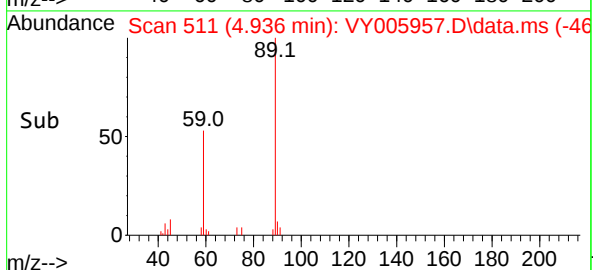
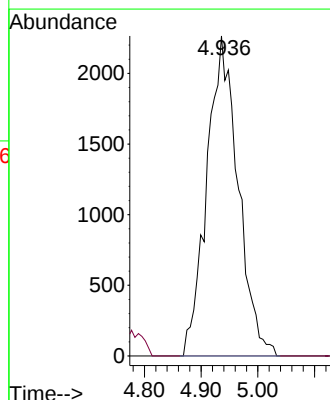
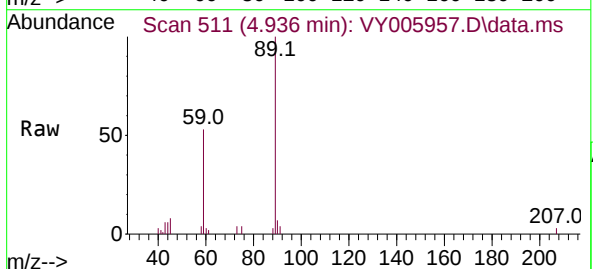
Instrument :
MSVOA_Y
ClientSampleId :
VY0908SBL01

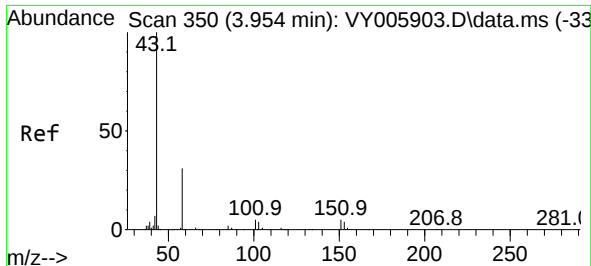
Tgt Ion:168 Resp: 193350
Ion Ratio Lower Upper
168 100
99 48.5 40.6 60.8



#11
Tert butyl alcohol
Concen: 22.589 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY005957.D
Acq: 08 Sep 2021 11:22

Tgt Ion: 59 Resp: 8655
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

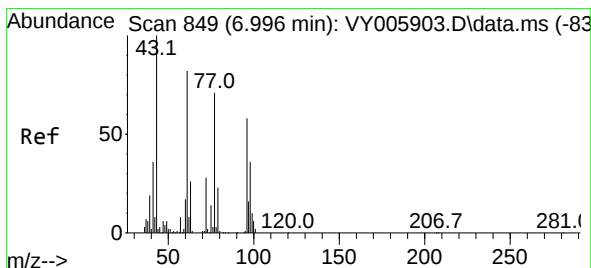
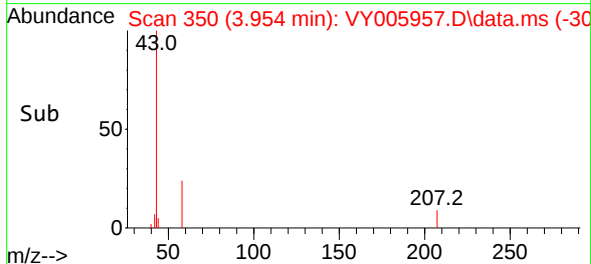
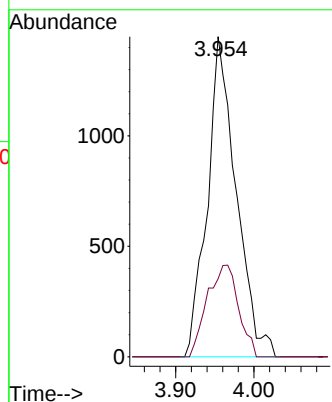
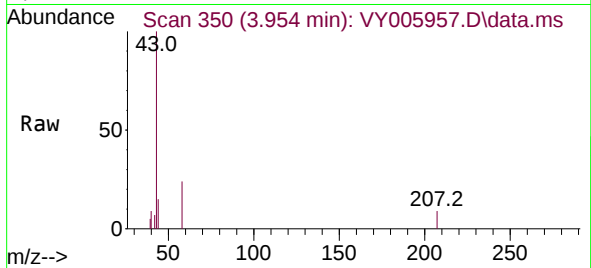




#16
Acetone
Concen: 7.449 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY005957.D
Acq: 08 Sep 2021 11:22

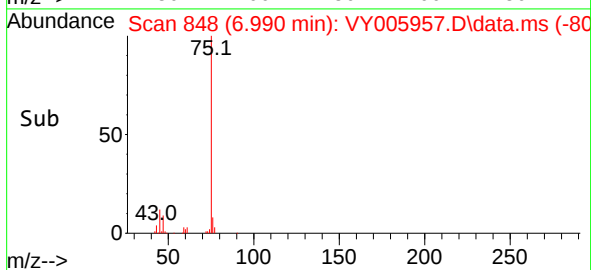
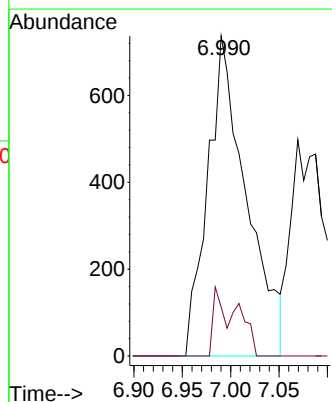
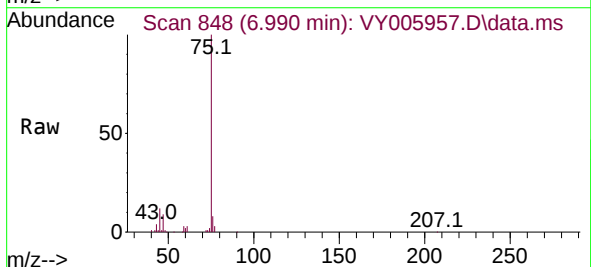
Instrument :
MSVOA_Y
ClientSampleId :
VY0908SBL01

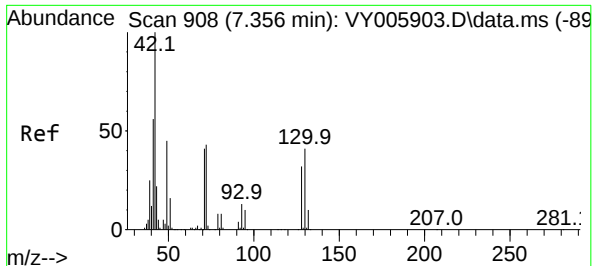
Tgt Ion: 43 Resp: 3701
Ion Ratio Lower Upper
43 100
58 24.4 25.1 37.7#



#25
2-Butanone
Concen: 2.929 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY005957.D
Acq: 08 Sep 2021 11:22

Tgt Ion: 43 Resp: 2056
Ion Ratio Lower Upper
43 100
72 15.3 22.3 33.5#





#29

Tetrahydrofuran

Concen: 1.027 ug/l

RT: 7.362 min Scan# 909

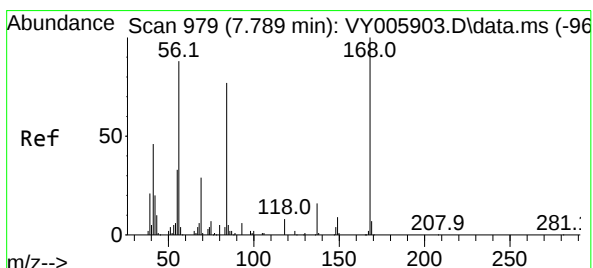
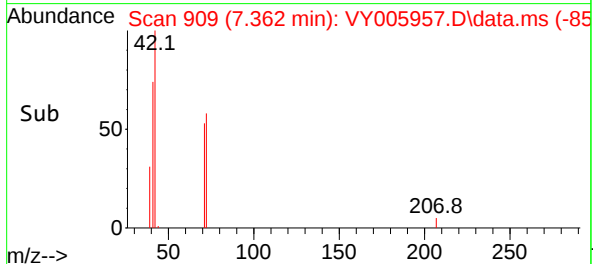
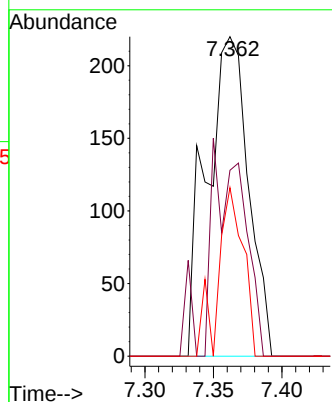
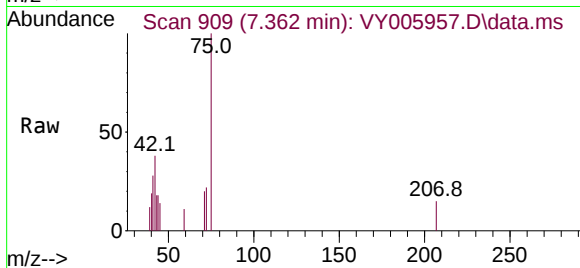
Delta R.T. 0.006 min

Lab File: VY005957.D

Acq: 08 Sep 2021 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0908SBL01

Tgt Ion:	42	Resp:	467
Ion	Ratio	Lower	Upper
42	100		
72	49.9	36.1	54.1
71	31.7	33.8	50.8#



#31

Cyclohexane

Concen: 1.005 ug/l

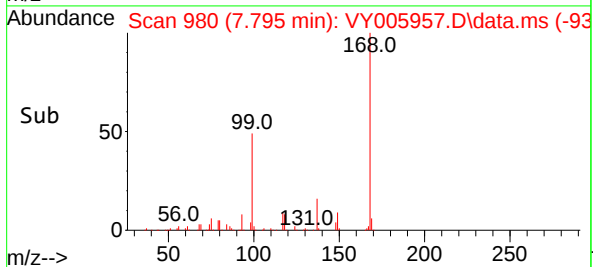
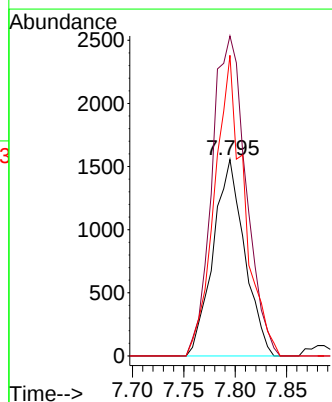
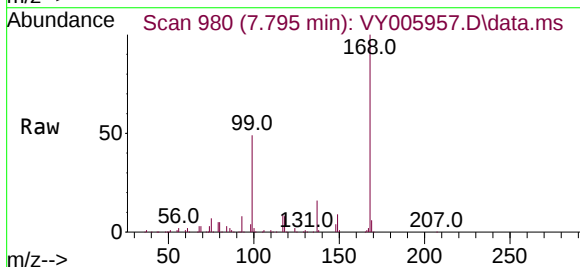
RT: 7.795 min Scan# 980

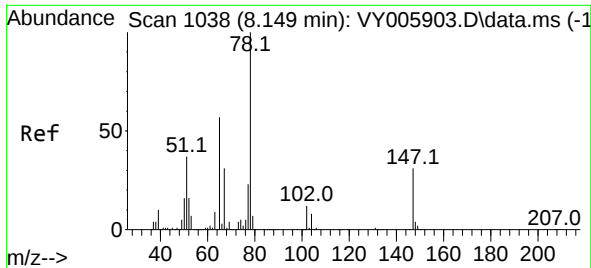
Delta R.T. 0.006 min

Lab File: VY005957.D

Acq: 08 Sep 2021 11:22

Tgt Ion:	56	Resp:	3304
Ion	Ratio	Lower	Upper
56	100		
69	162.9	26.3	39.5#
84	153.0	69.8	104.8#

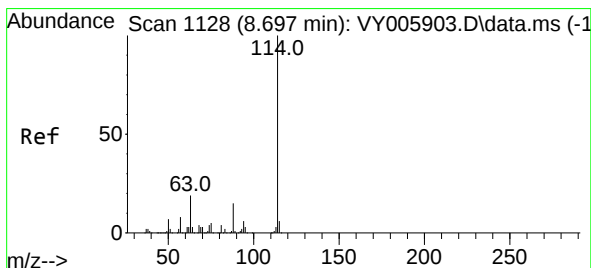
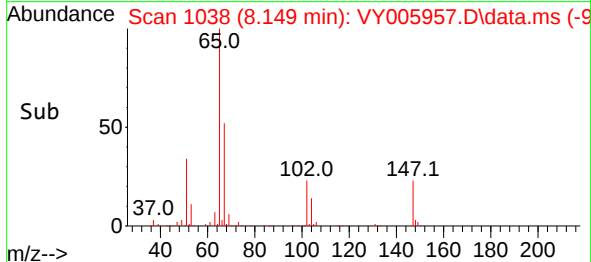
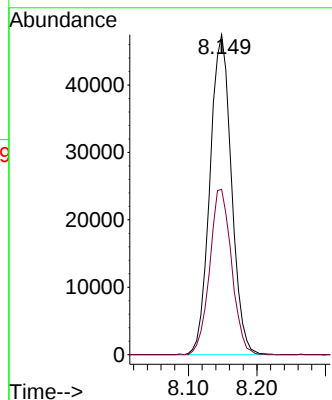
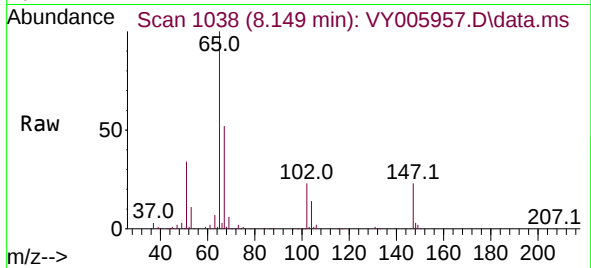




#33
 1,2-Dichloroethane-d4
 Concen: 53.076 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005957.D
 Acq: 08 Sep 2021 11:22

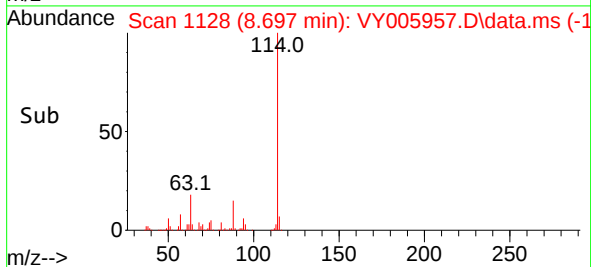
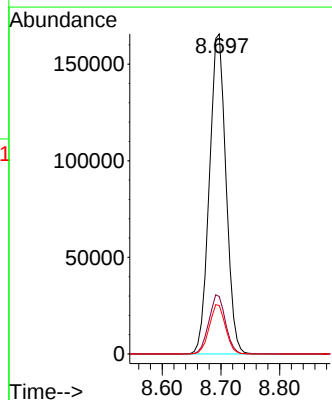
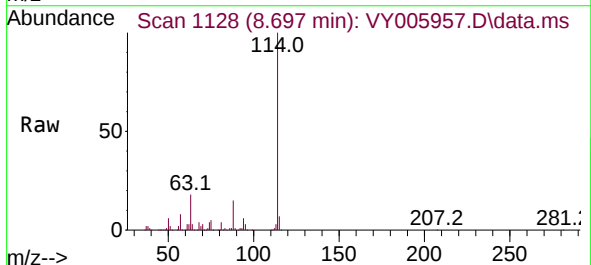
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0908SBL01

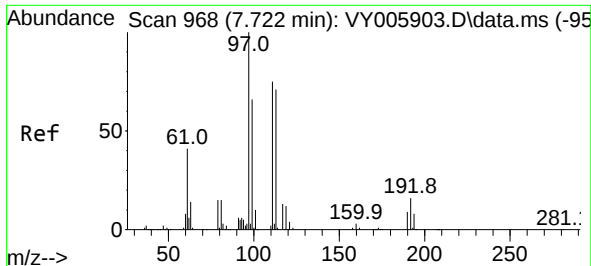
Tgt Ion: 65 Resp: 103416
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005957.D
 Acq: 08 Sep 2021 11:22

Tgt Ion:114 Resp: 324950
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 38.4
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 54.698 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY005957.D

Acq: 08 Sep 2021 11:22

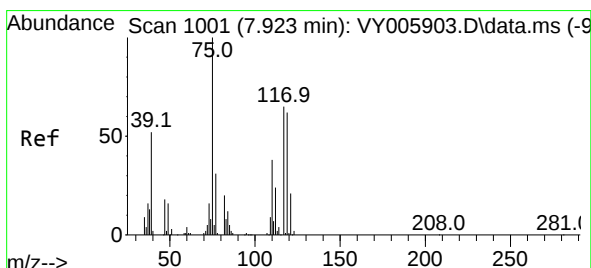
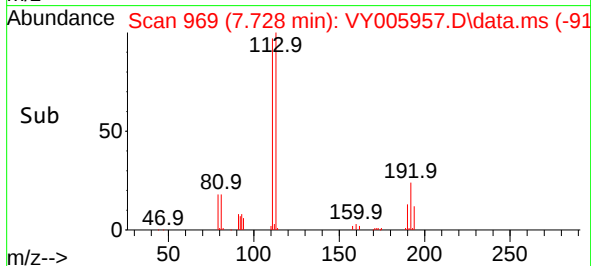
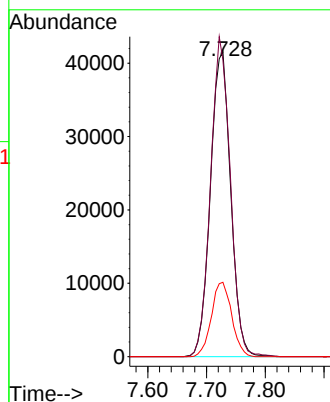
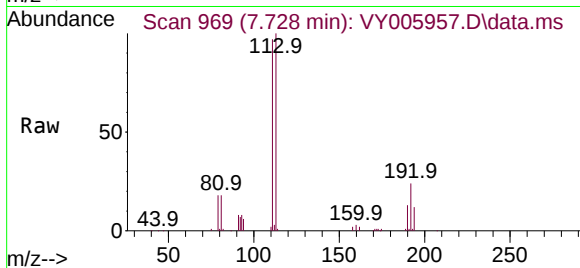
Tgt Ion:113 Resp: 99819

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

192 24.4 19.4 29.0



#36

1,1-Dichloropropene

Concen: 4.077 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005957.D

Acq: 08 Sep 2021 11:22

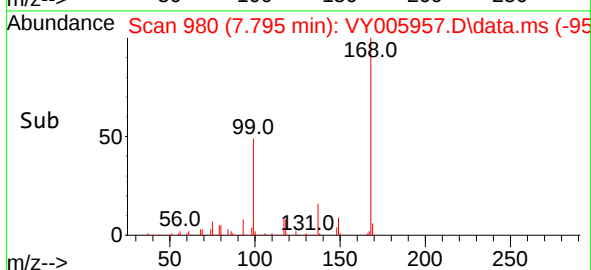
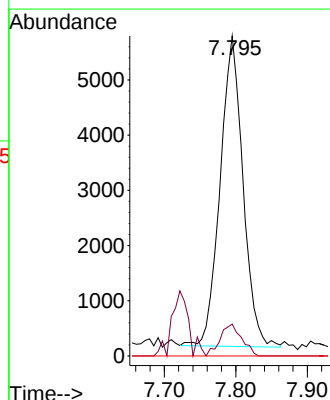
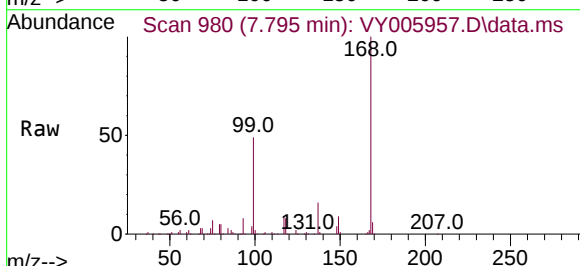
Tgt Ion: 75 Resp: 12475

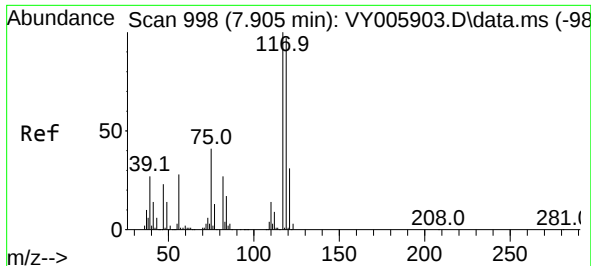
Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.3#

77 0.0 24.9 37.3#

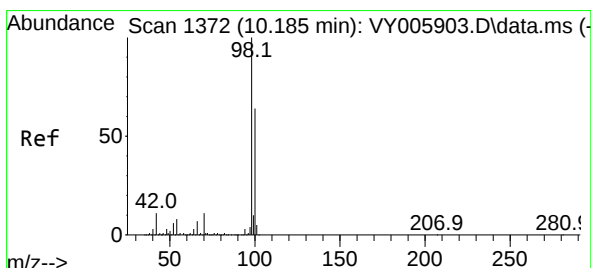
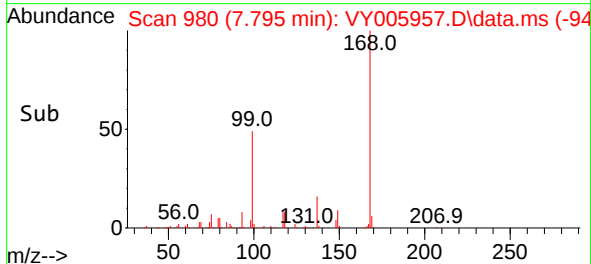
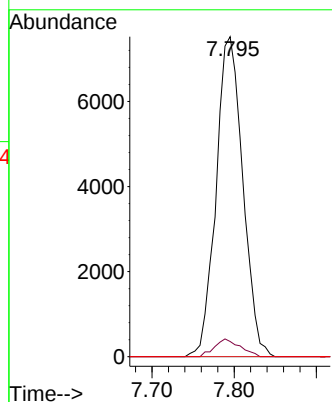
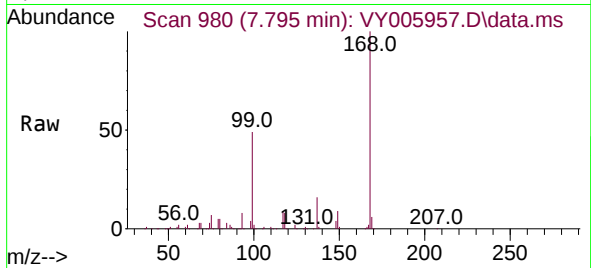




#38
Carbon Tetrachloride
Concen: 5.120 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY005957.D
Acq: 08 Sep 2021 11:22

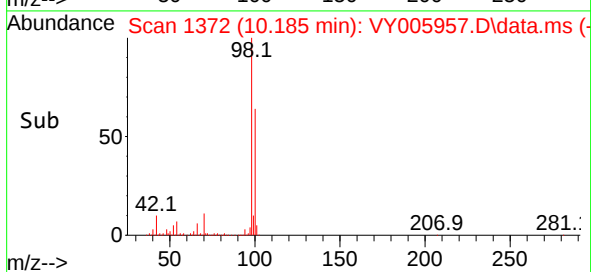
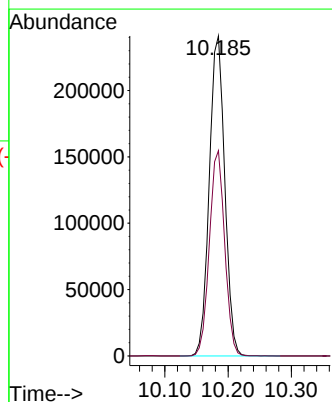
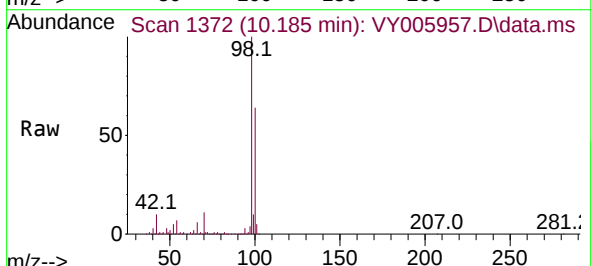
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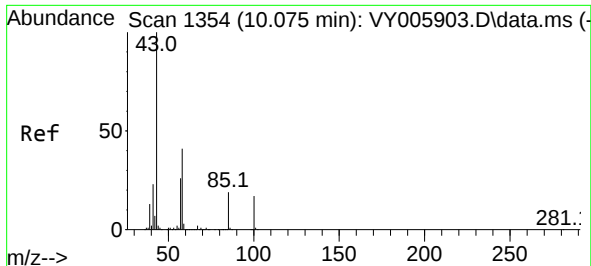
Tgt Ion:117 Resp: 16980
Ion Ratio Lower Upper
117 100
119 4.8 77.5 116.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 53.552 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005957.D
Acq: 08 Sep 2021 11:22

Tgt Ion: 98 Resp: 410145
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

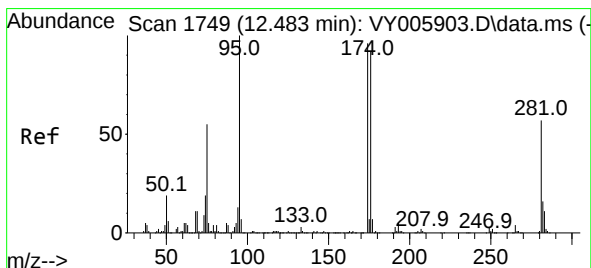
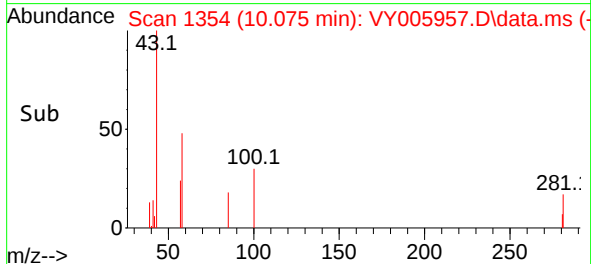
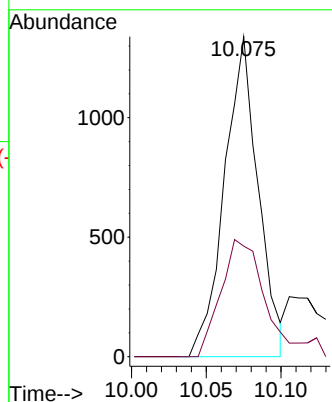
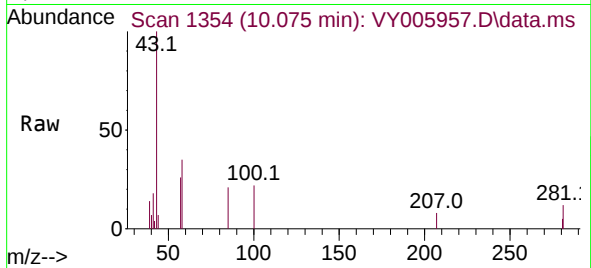




#51
4-Methyl-2-Pentanone
Concen: 1.171 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY005957.D
Acq: 08 Sep 2021 11:22

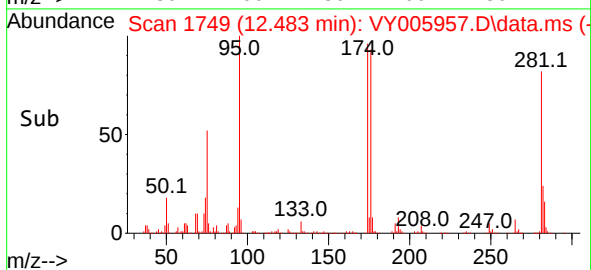
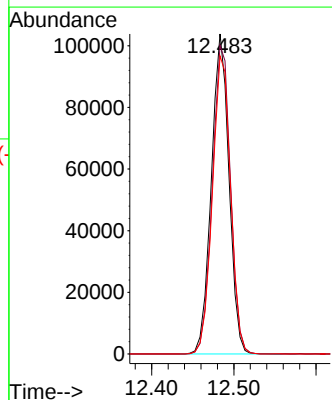
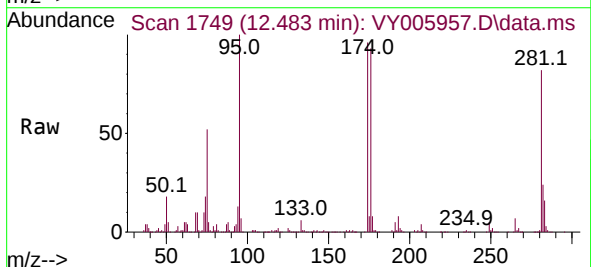
Instrument :
MSVOA_Y
ClientSampleId :
VY0908SBL01

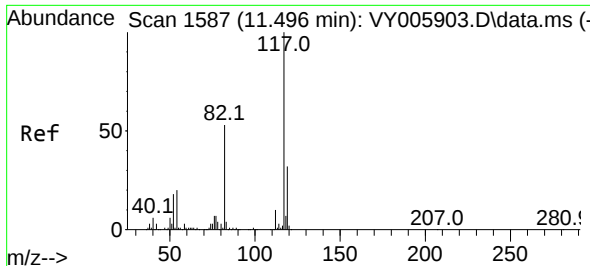
Tgt Ion: 43 Resp: 2099
Ion Ratio Lower Upper
43 100
58 49.3 31.8 47.8#



#62
4-Bromofluorobenzene
Concen: 60.125 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005957.D
Acq: 08 Sep 2021 11:22

Tgt Ion: 95 Resp: 154622
Ion Ratio Lower Upper
95 100
174 99.3 0.0 192.4
176 95.7 0.0 186.8

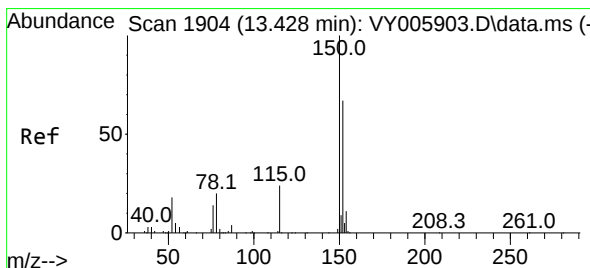
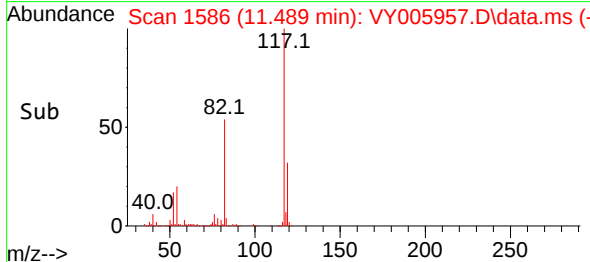
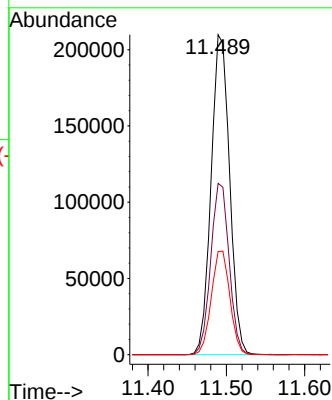
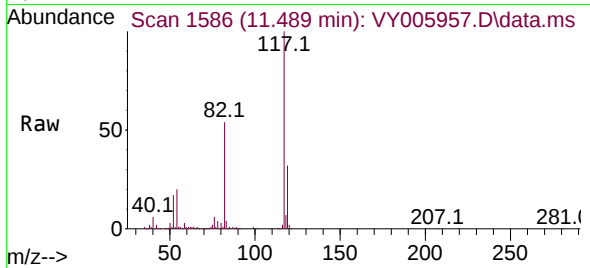




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005957.D
Acq: 08 Sep 2021 11:22

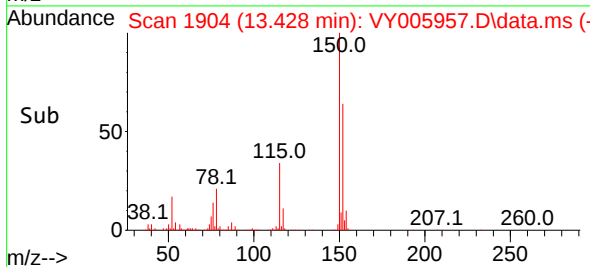
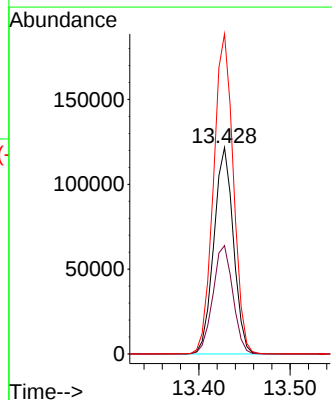
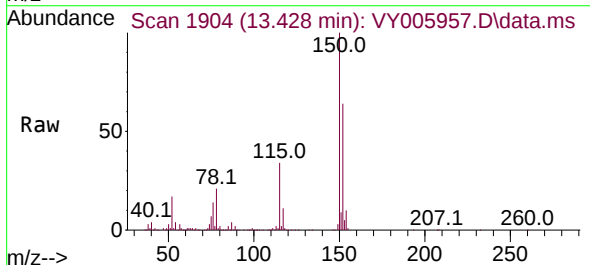
Instrument :
MSVOA_Y
ClientSampleId :
VY0908SBL01

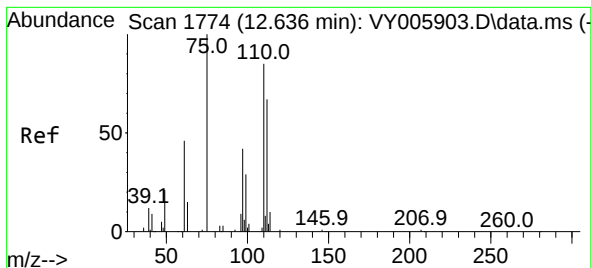
Tgt Ion:117 Resp: 344295
Ion Ratio Lower Upper
117 100
82 53.5 42.4 63.6
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005957.D
Acq: 08 Sep 2021 11:22

Tgt Ion:152 Resp: 180610
Ion Ratio Lower Upper
152 100
115 53.8 26.8 80.4
150 157.0 0.0 345.6

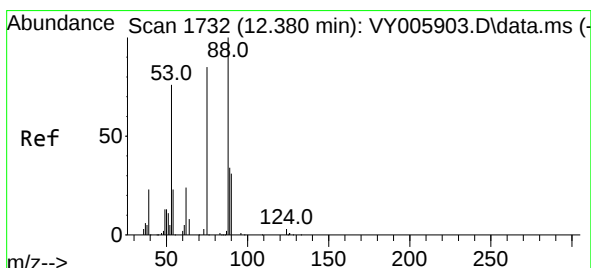
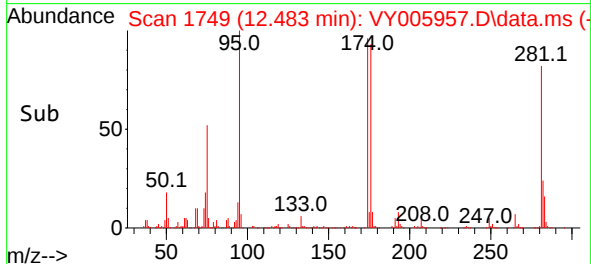
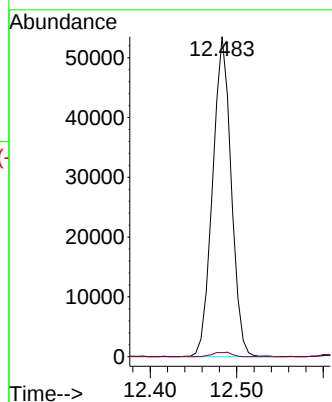
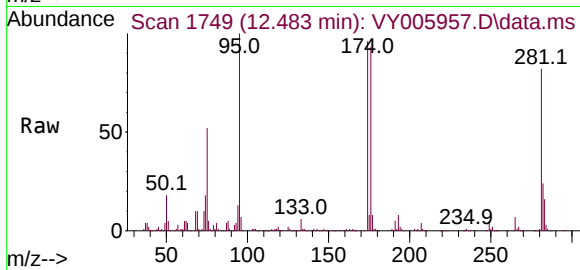




#76
1,2,3-Trichloropropane
Concen: 47.268 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005957.D
Acq: 08 Sep 2021 11:22

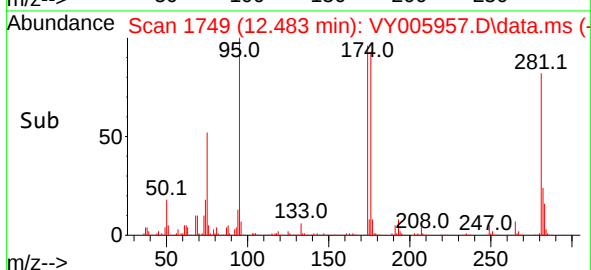
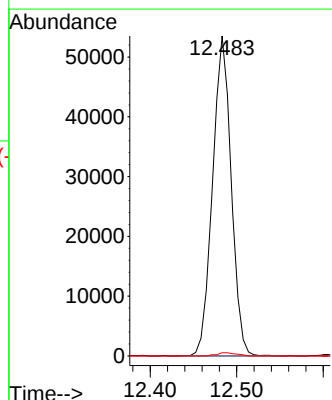
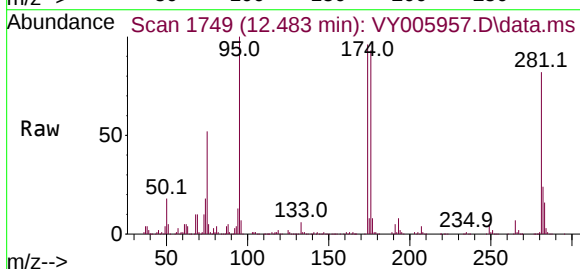
Instrument :
MSVOA_Y
ClientSampleId :
VY0908SBL01

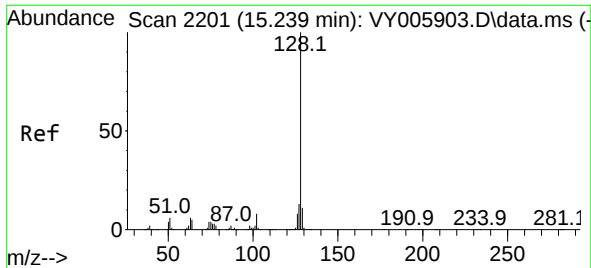
Tgt Ion: 75 Resp: 79904
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.893 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005957.D
Acq: 08 Sep 2021 11:22

Tgt Ion: 75 Resp: 79904
Ion Ratio Lower Upper
75 100
53 0.0 71.8 107.8#
89 1.1 35.8 53.6#

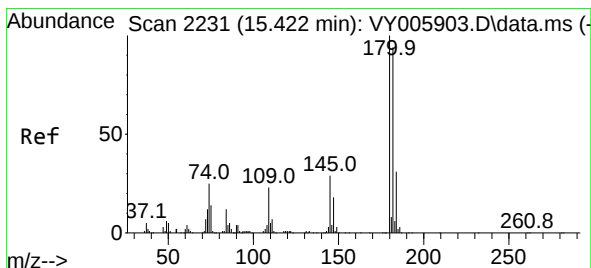
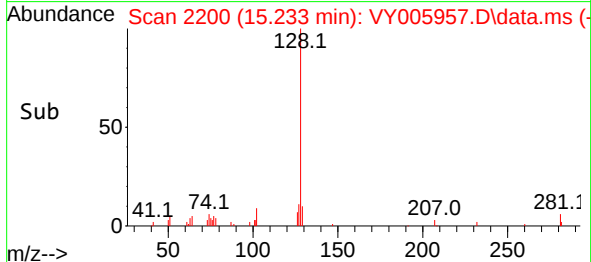
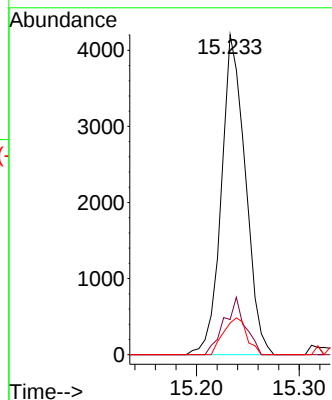
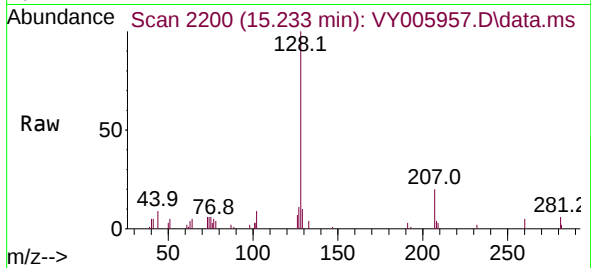




#95
Naphthalene
Concen: 1.004 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY005957.D
Acq: 08 Sep 2021 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0908SBL01

Tgt Ion:128 Resp: 6809
Ion Ratio Lower Upper
128 100
127 15.7 10.6 15.8
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.076 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY005957.D
Acq: 08 Sep 2021 11:22

Tgt Ion:180 Resp: 3317
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.3
145 32.8 14.2 42.8

