

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091021\
 Data File : VY005993.D
 Acq On : 10 Sep 2021 19:13
 Operator : SY/MD
 Sample : M3687-18
 Misc : 3.66G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 11 01:23:56 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)

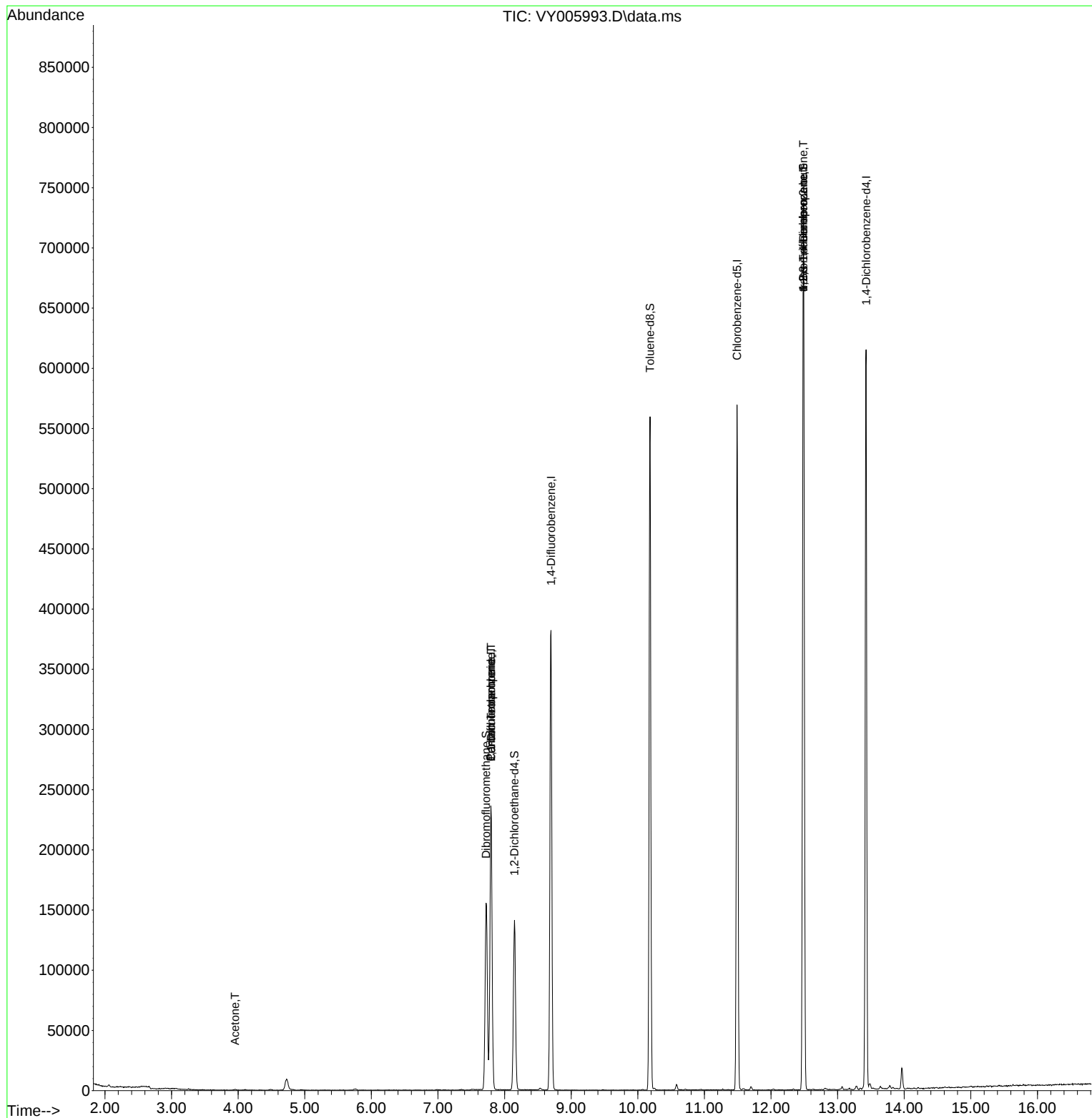
Internal Standards						
1) Pentafluorobenzene	7.795	168	199827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	346515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	325466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113001	56.116	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 112.240%		
35) Dibromofluoromethane	7.722	113	108441	55.725	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 111.440%		
50) Toluene-d8	10.185	98	381524	46.715	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 93.420%		
62) 4-Bromofluorobenzene	12.483	95	143381	52.284	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 104.560%		
Target Compounds						
						Qvalue
16) Acetone	3.954	43	1175	2.288	ug/l	93
20) Methylene Chloride	4.728	84	7481	Below Cal		89
36) 1,1-Dichloropropene	7.795	75	12554	3.848	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17940	5.073	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	72812	45.021	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	72812	85.621	ug/l #	14

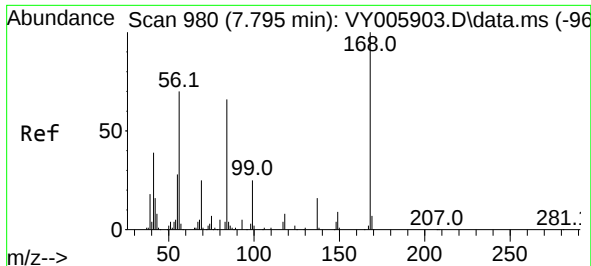
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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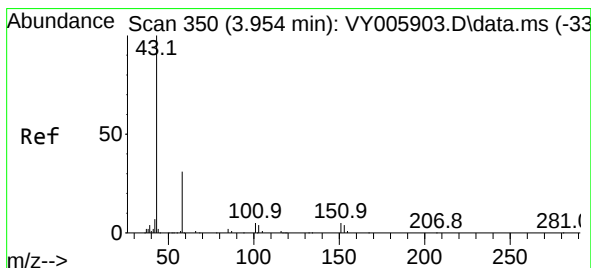
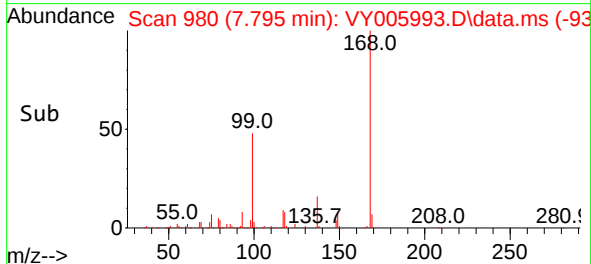
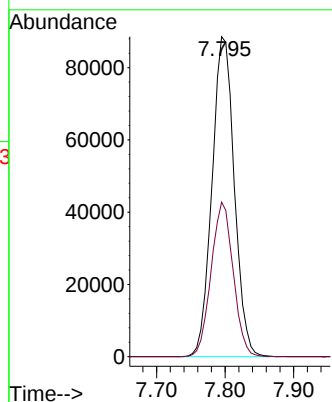
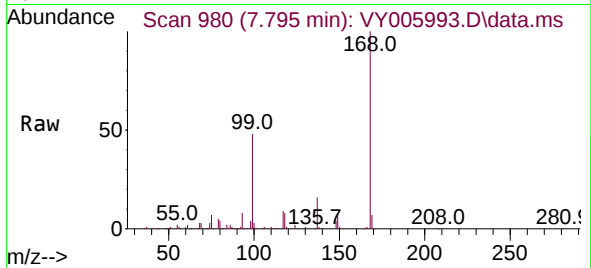




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005993.D
Acq: 10 Sep 2021 19:13

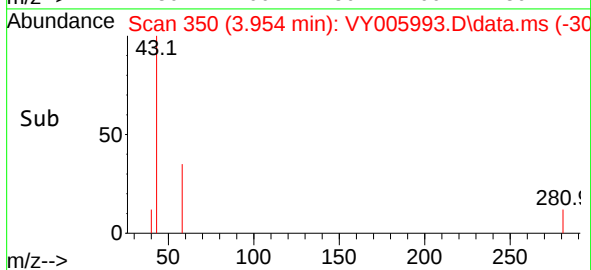
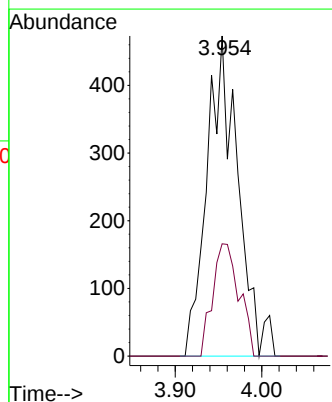
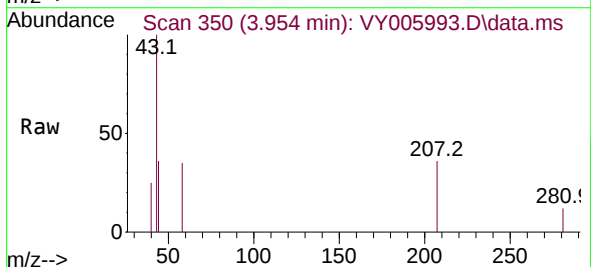
Instrument :
MSVOA_Y
ClientSampleId :

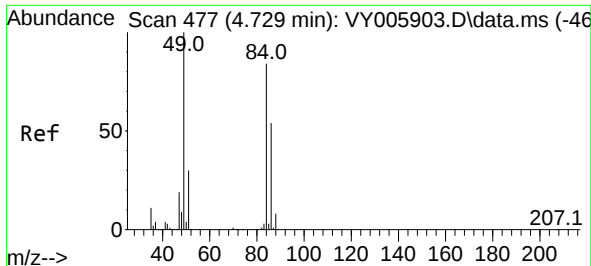
Tgt Ion:168 Resp: 199827
Ion Ratio Lower Upper
168 100
99 48.3 40.6 60.8



#16
Acetone
Concen: 2.288 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY005993.D
Acq: 10 Sep 2021 19:13

Tgt Ion: 43 Resp: 1175
Ion Ratio Lower Upper
43 100
58 35.1 25.1 37.7

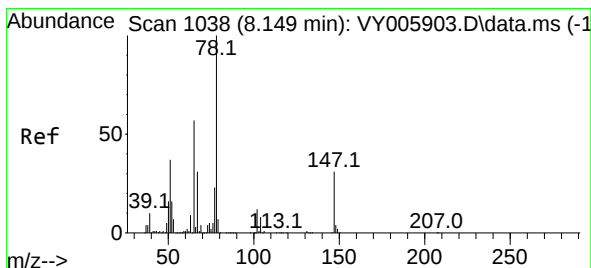
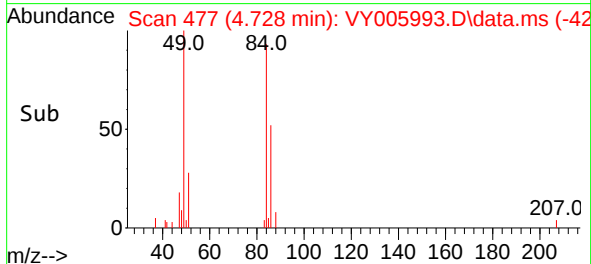
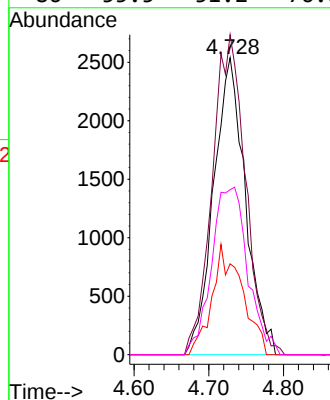
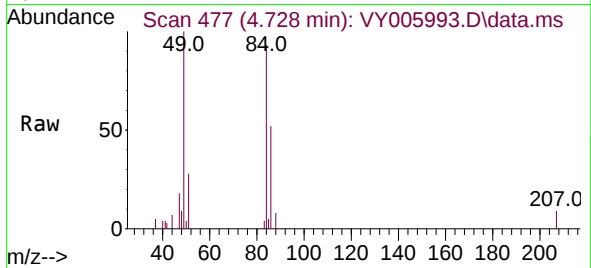




#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005993.D
Acq: 10 Sep 2021 19:13

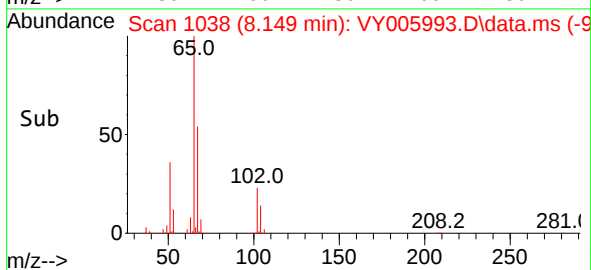
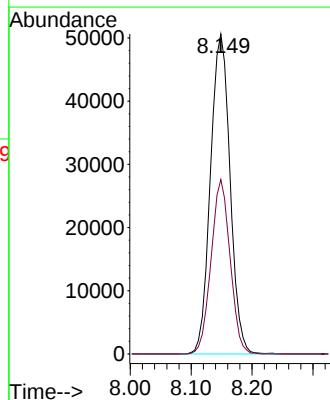
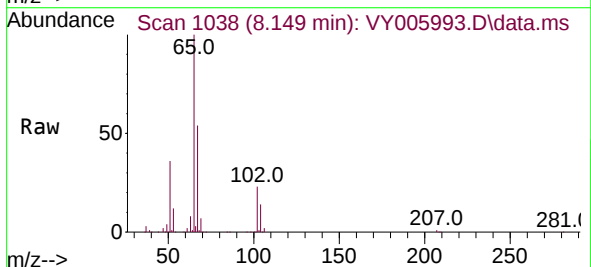
Instrument :
MSVOA_Y
ClientSampleId :

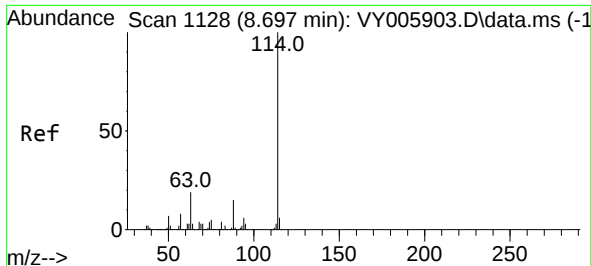
Tgt Ion:	84	Resp:	7481
Ion	Ratio	Lower	Upper
84	100		
49	107.8	95.7	143.5
51	30.6	29.0	43.6
86	55.5	51.2	76.8



#33
1,2-Dichloroethane-d4
Concen: 56.116 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005993.D
Acq: 10 Sep 2021 19:13

Tgt Ion:	65	Resp:	113001
Ion	Ratio	Lower	Upper
65	100		
67	52.9	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: VY005993.D

Acq: 10 Sep 2021 19:13

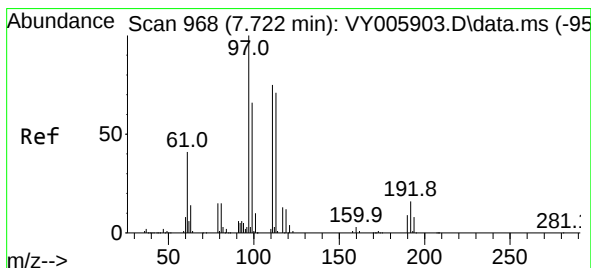
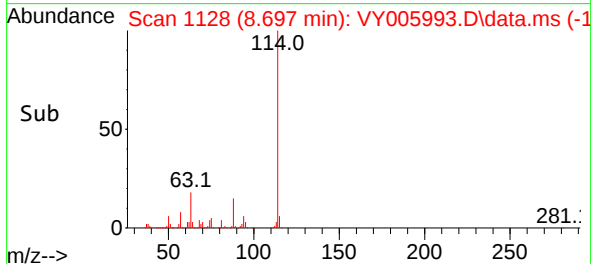
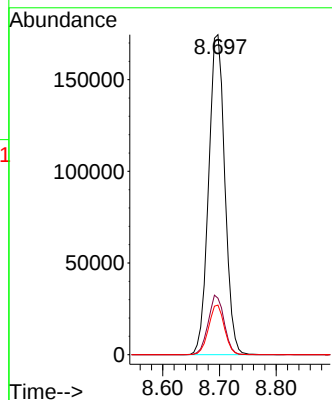
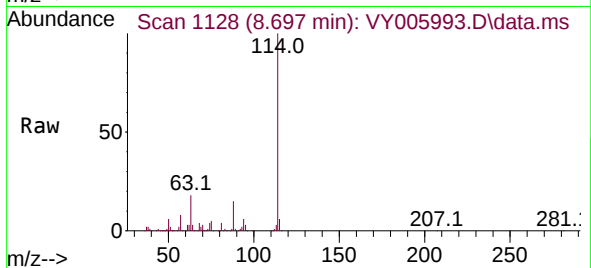
Tgt Ion:114 Resp: 346515

Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.4

88 15.5 0.0 30.0



#35

Dibromofluoromethane

Concen: 55.725 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY005993.D

Acq: 10 Sep 2021 19:13

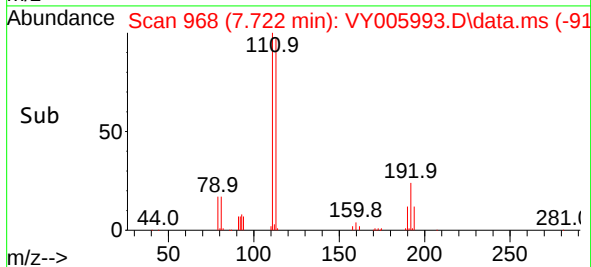
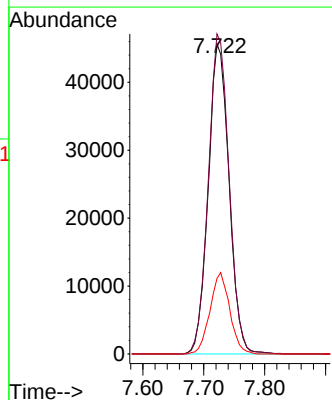
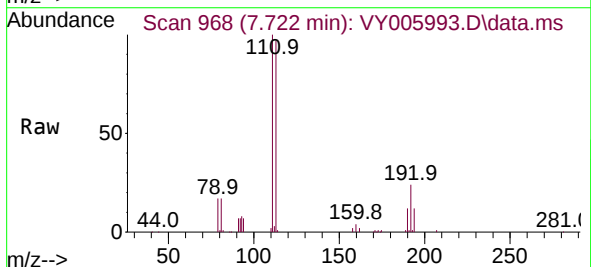
Tgt Ion:113 Resp: 108441

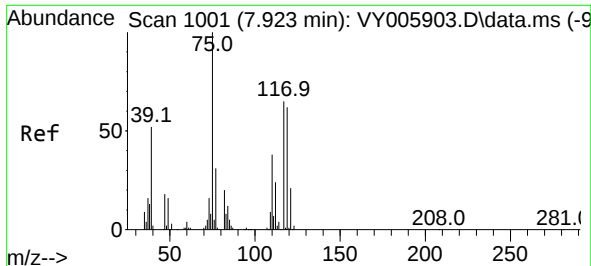
Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

192 24.9 19.4 29.0





#36

1,1-Dichloropropene

Concen: 3.848 ug/l

RT: 7.795 min Scan# 980

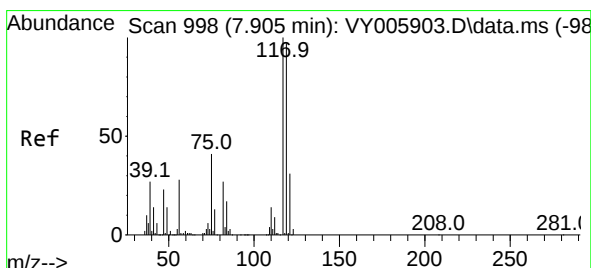
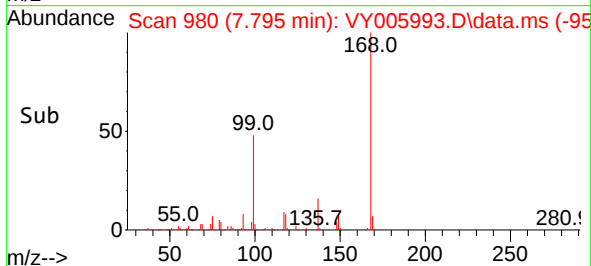
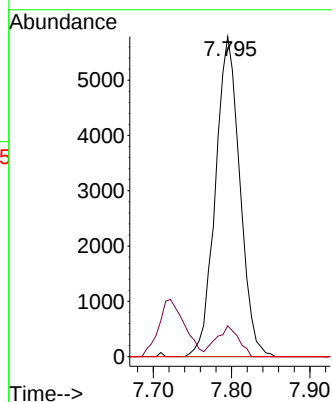
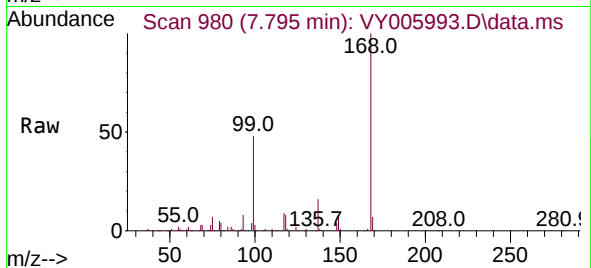
Delta R.T. -0.128 min

Lab File: VY005993.D

Acq: 10 Sep 2021 19:13

Tgt Ion:	75	Resp:	12554
Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.3#
77	0.0	24.9	37.3#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.073 ug/l

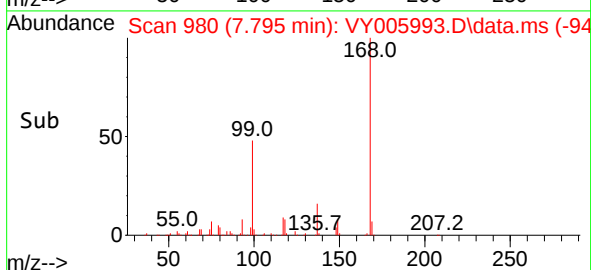
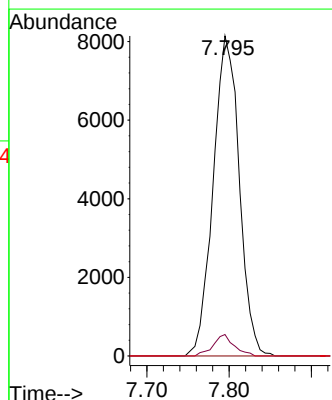
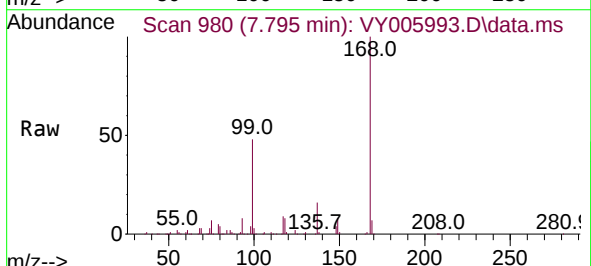
RT: 7.795 min Scan# 980

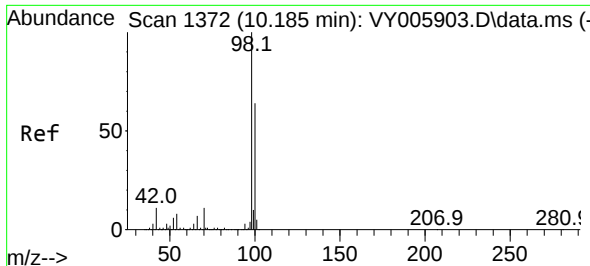
Delta R.T. -0.110 min

Lab File: VY005993.D

Acq: 10 Sep 2021 19:13

Tgt Ion:	117	Resp:	17940
Ion	Ratio	Lower	Upper
117	100		
119	6.7	77.5	116.3#
121	0.0	25.0	37.6#

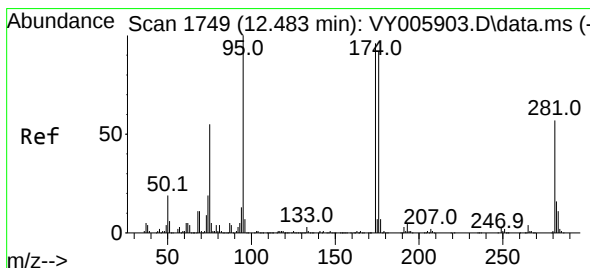
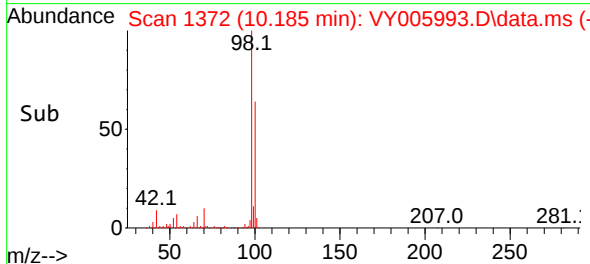
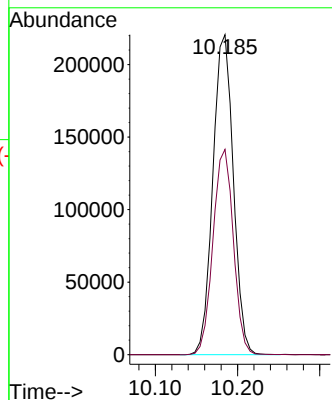
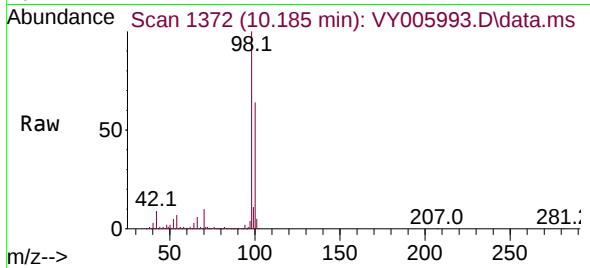




#50
Toluene-d8
Concen: 46.715 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005993.D
Acq: 10 Sep 2021 19:13

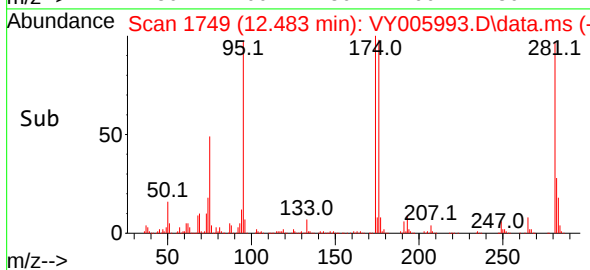
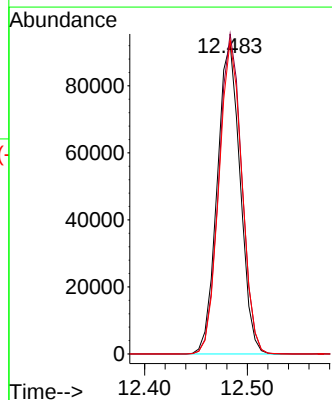
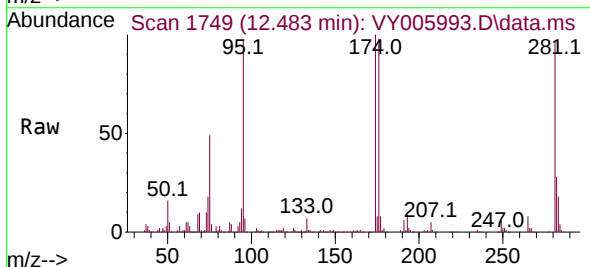
Instrument :
MSVOA_Y
ClientSampleId :

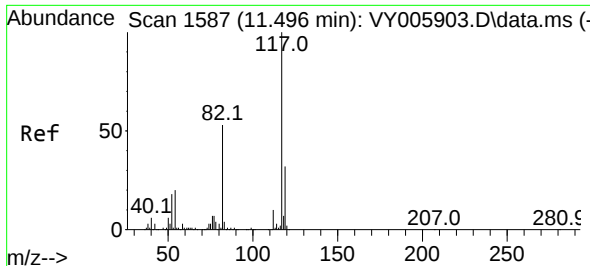
Tgt Ion: 98 Resp: 381524
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 52.284 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005993.D
Acq: 10 Sep 2021 19:13

Tgt Ion: 95 Resp: 143381
Ion Ratio Lower Upper
95 100
174 102.9 0.0 192.4
176 100.1 0.0 186.8

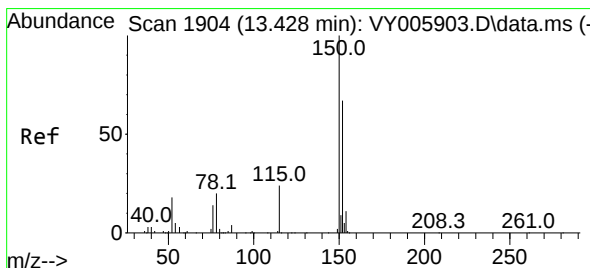
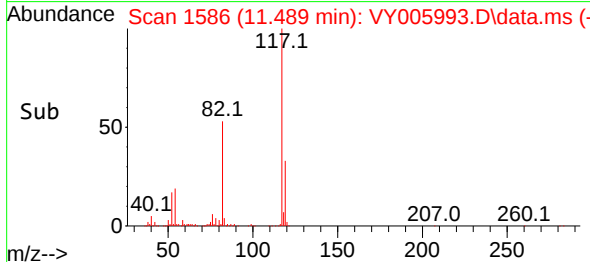
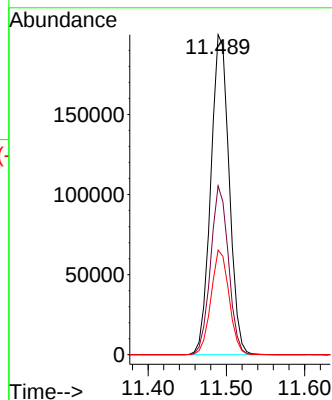
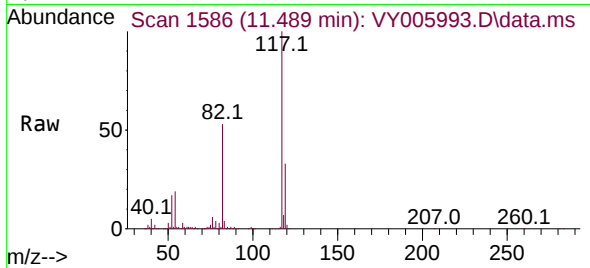




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005993.D
Acq: 10 Sep 2021 19:13

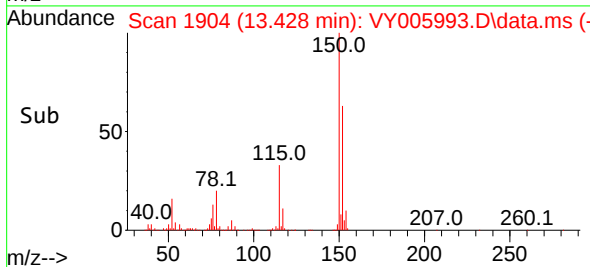
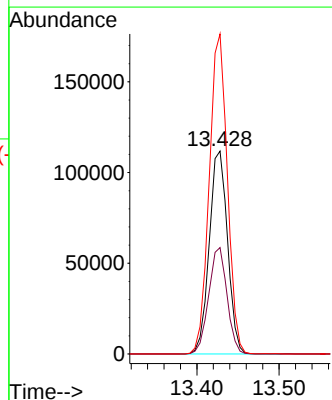
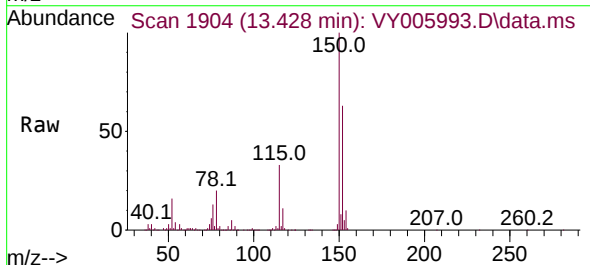
Instrument :
MSVOA_Y
ClientSampleId :

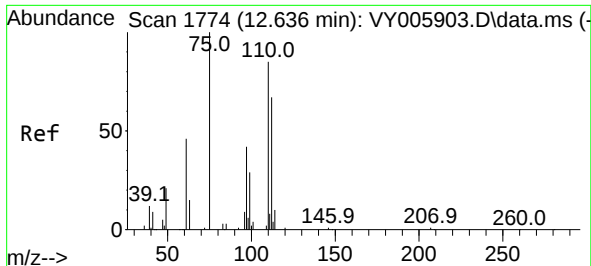
Tgt Ion:117 Resp: 325466
Ion Ratio Lower Upper
117 100
82 52.8 42.4 63.6
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005993.D
Acq: 10 Sep 2021 19:13

Tgt Ion:152 Resp: 172792
Ion Ratio Lower Upper
152 100
115 52.5 26.8 80.4
150 156.0 0.0 345.6

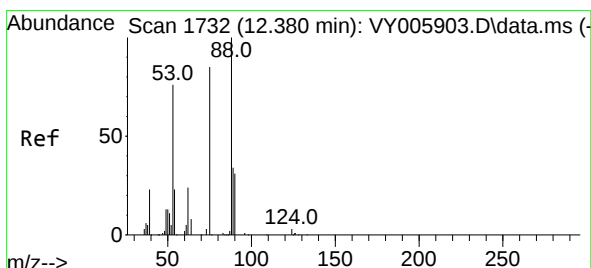
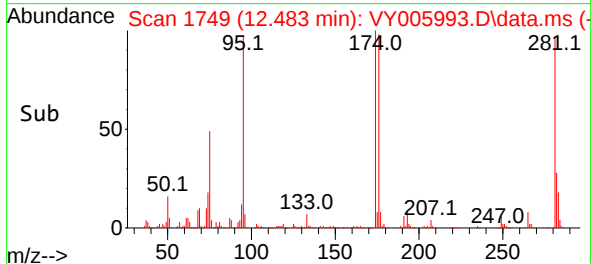
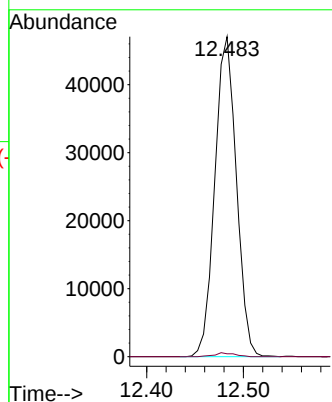
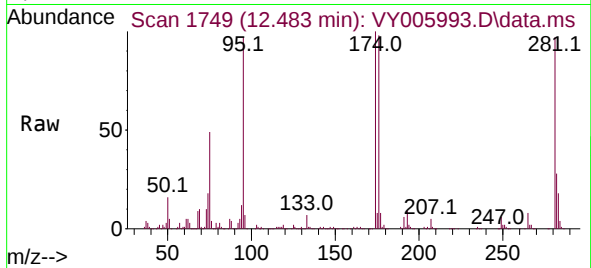




#76
1,2,3-Trichloropropane
Concen: 45.021 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005993.D
Acq: 10 Sep 2021 19:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 72812
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.621 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005993.D
Acq: 10 Sep 2021 19:13

Tgt Ion: 75 Resp: 72812
Ion Ratio Lower Upper
75 100
53 0.0 71.8 107.8#
89 1.0 35.8 53.6#

