

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005800.D
 Acq On : 20 Aug 2021 18:01
 Operator : SY/MD
 Sample : M3451-01
 Misc : 4.68G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 01:09:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

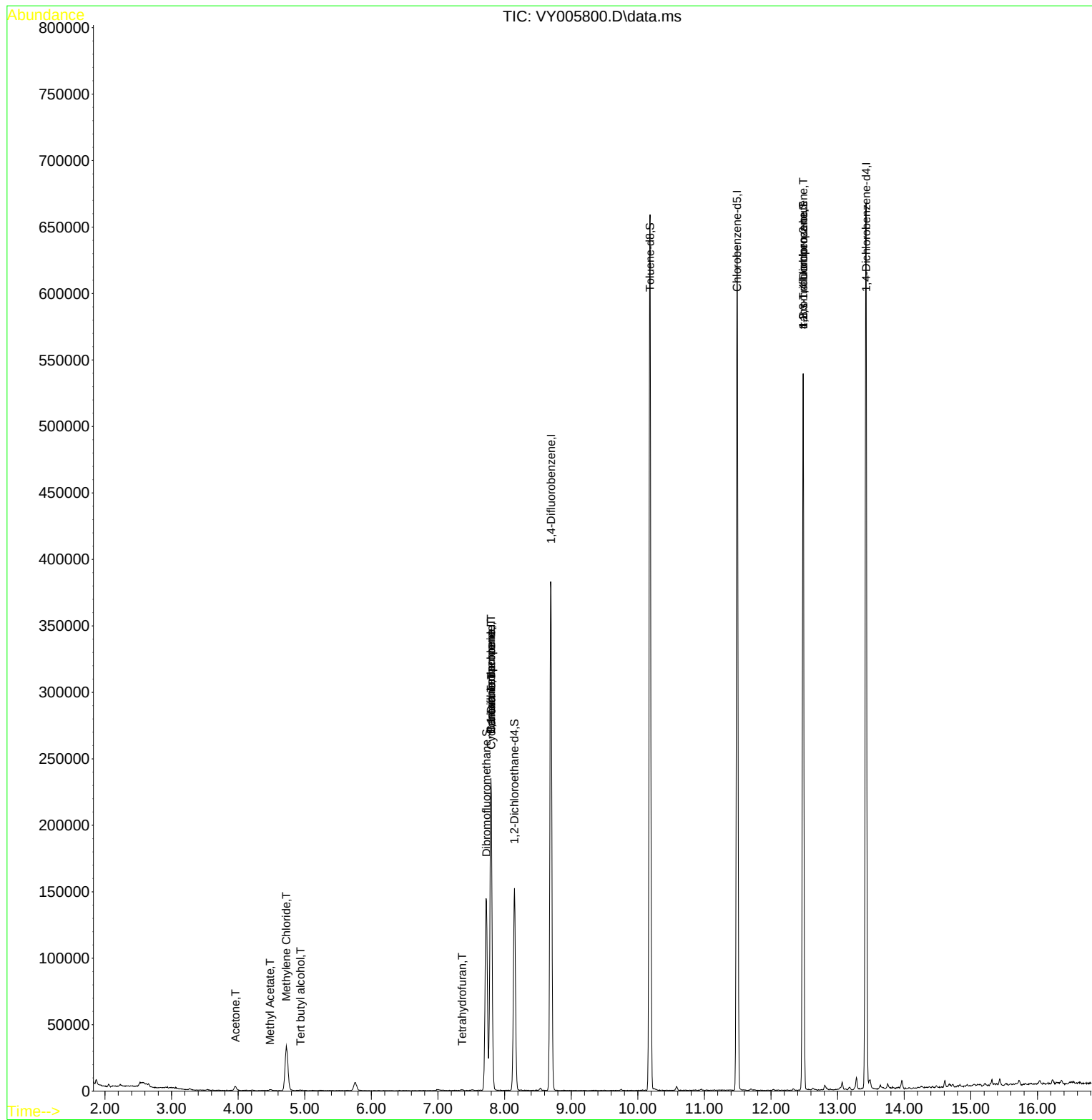
Internal Standards						
1) Pentafluorobenzene	7.795	168	190456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	325235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	340418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122341	63.459	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.920%			
35) Dibromofluoromethane	7.728	113	99486	54.635	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.280%			
50) Toluene-d8	10.185	98	428411	56.098	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.200%			
62) 4-Bromofluorobenzene	12.483	95	148898	58.878	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.760%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	221	1.160	ug/l #	73
16) Acetone	3.960	43	5283	10.869	ug/l	91
18) Methyl Acetate	4.479	43	1465	1.152	ug/l	92
20) Methylene Chloride	4.722	84	24526	7.585	ug/l	90
29) Tetrahydrofuran	7.362	42	526	1.107	ug/l #	65
31) Cyclohexane	7.801	56	3828	1.158	ug/l #	22
36) 1,1-Dichloropropene	7.795	75	13917	4.562	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17750	5.354	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	81786	44.556	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81786	89.819	ug/l #	11

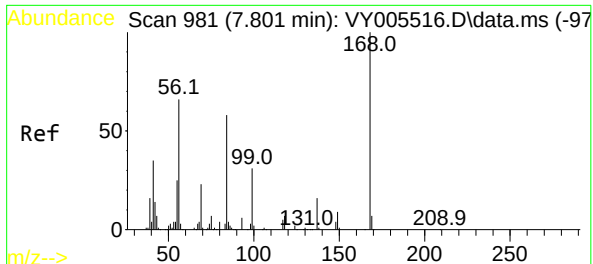
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

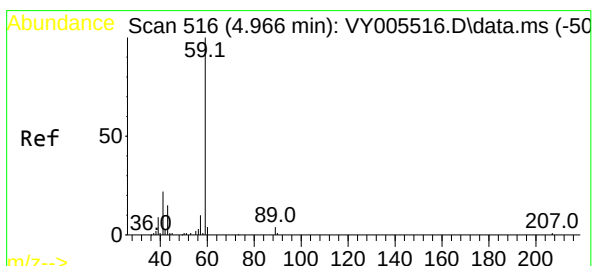
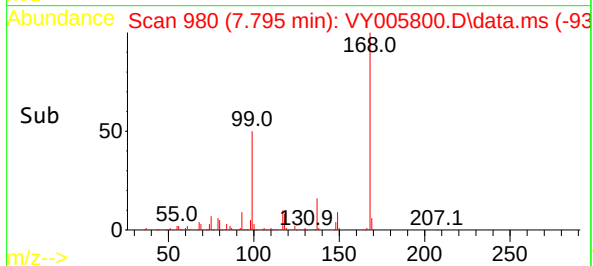
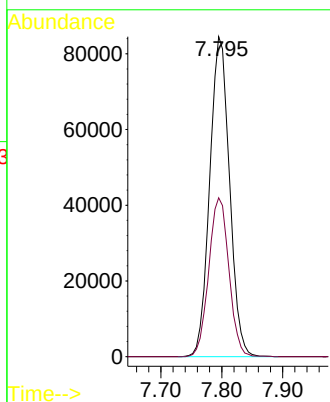
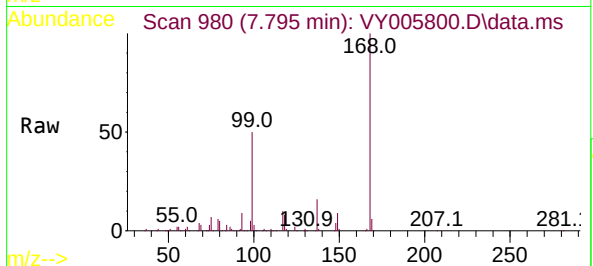




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005800.D
Acq: 20 Aug 2021 18:01

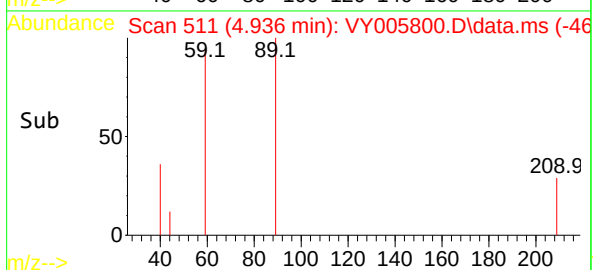
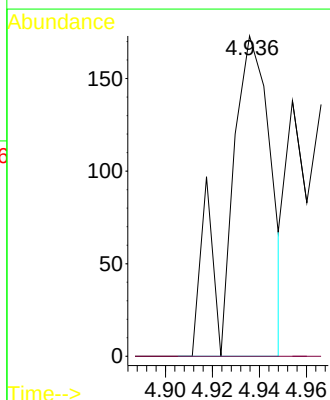
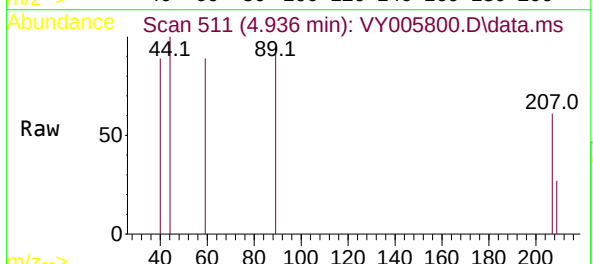
Instrument :
MSVOA_Y
ClientSampled :

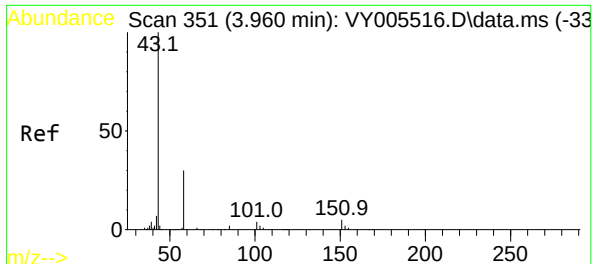
Tgt Ion:168 Resp: 190456
Ion Ratio Lower Upper
168 100
99 49.6 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.160 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.031 min
Lab File: VY005800.D
Acq: 20 Aug 2021 18:01

Tgt Ion: 59 Resp: 221
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

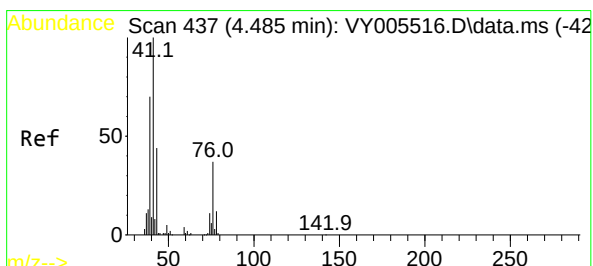
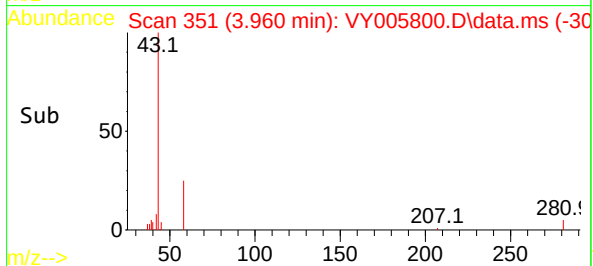
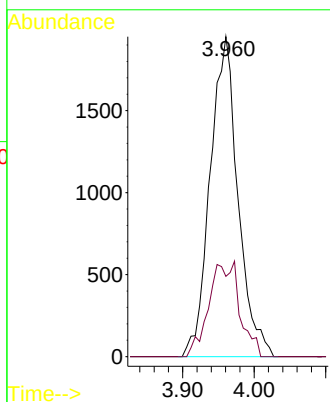
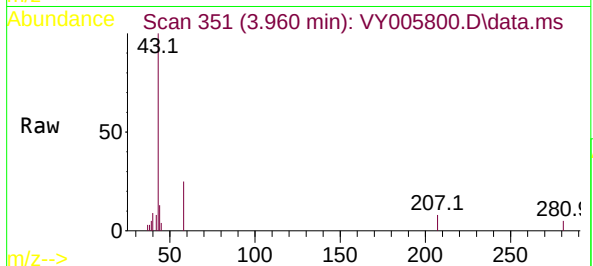




#16
Acetone
Concen: 10.869 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005800.D
Acq: 20 Aug 2021 18:01

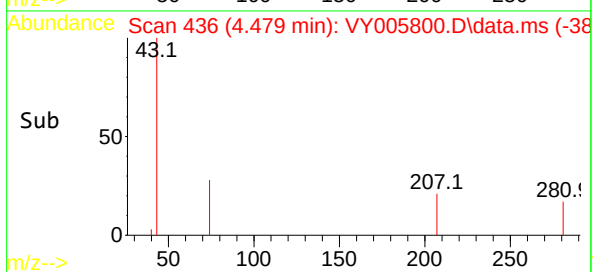
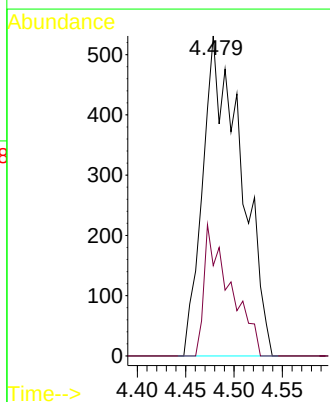
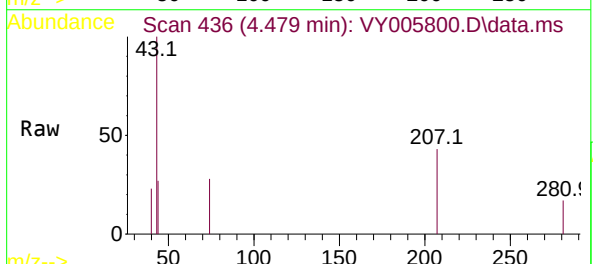
Instrument :
MSVOA_Y
ClientSampled :

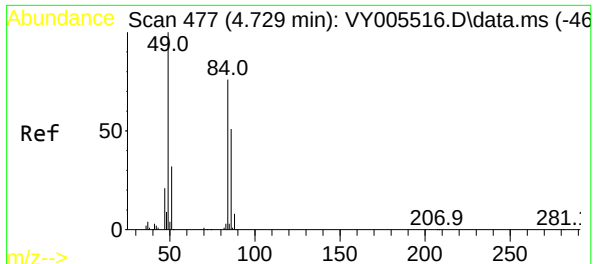
Tgt Ion: 43 Resp: 5283
Ion Ratio Lower Upper
43 100
58 25.1 23.8 35.6



#18
Methyl Acetate
Concen: 1.152 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY005800.D
Acq: 20 Aug 2021 18:01

Tgt Ion: 43 Resp: 1465
Ion Ratio Lower Upper
43 100
74 27.7 19.0 28.6

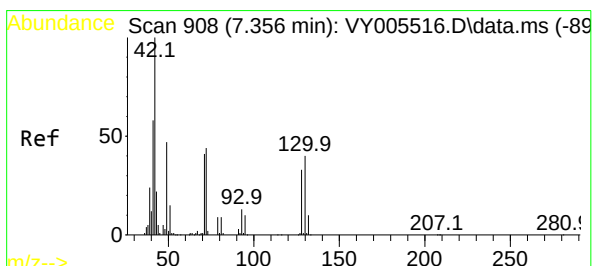
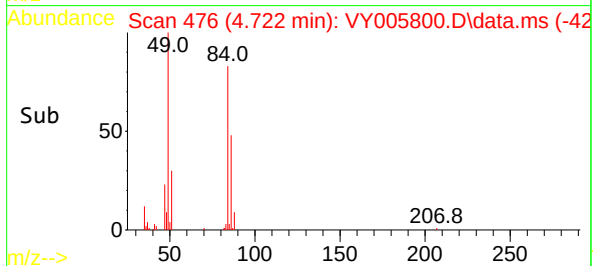
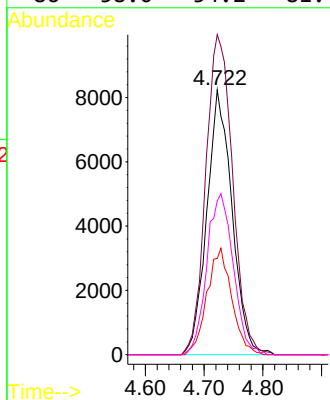
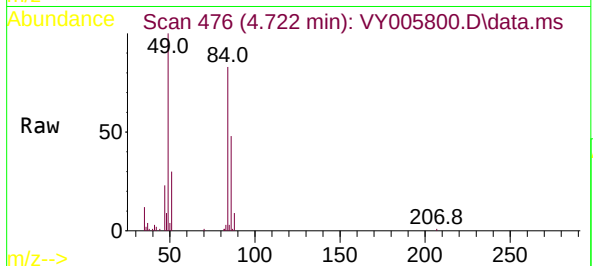




#20
Methylene Chloride
Concen: 7.585 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005800.D
Acq: 20 Aug 2021 18:01

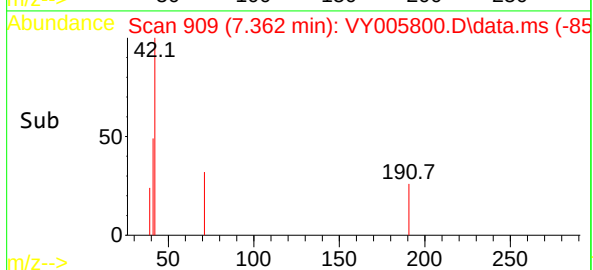
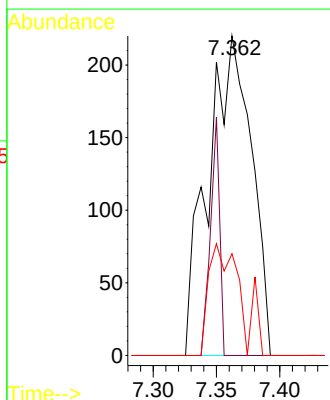
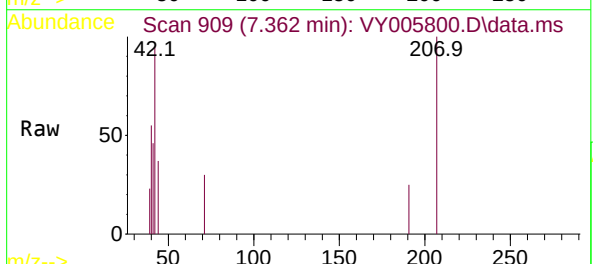
Instrument :
MSVOA_Y
ClientSampleId :

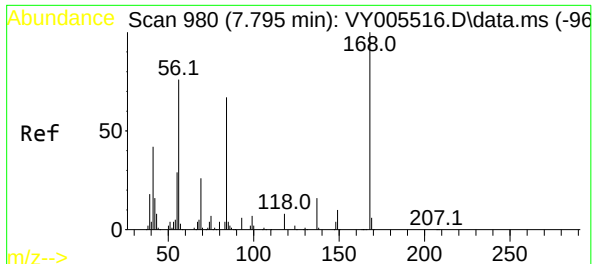
Tgt Ion:	84	Resp:	24526
Ion	Ratio	Lower	Upper
84	100		
49	120.9	105.8	158.6
51	36.3	33.4	50.2
86	58.0	54.2	81.4



#29
Tetrahydrofuran
Concen: 1.107 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.006 min
Lab File: VY005800.D
Acq: 20 Aug 2021 18:01

Tgt Ion:	42	Resp:	526
Ion	Ratio	Lower	Upper
42	100		
72	15.8	35.0	52.4#
71	25.7	33.3	49.9#

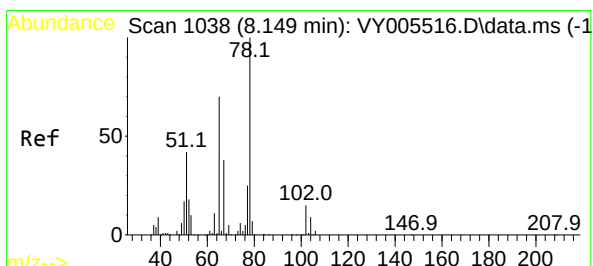
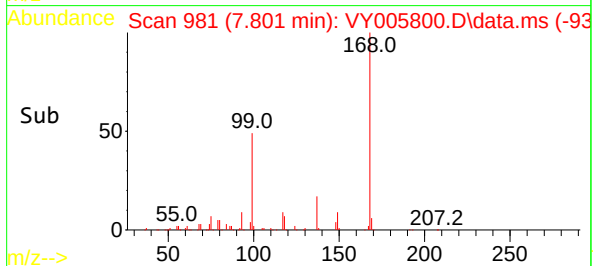
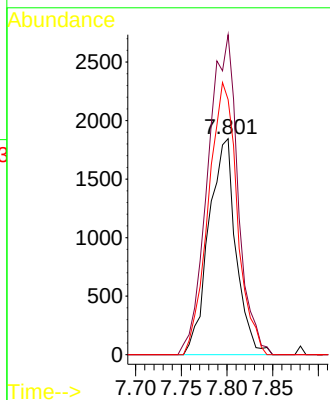
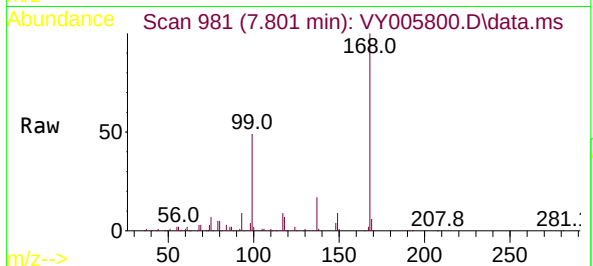




#31
Cyclohexane
Concen: 1.158 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005800.D
Acq: 20 Aug 2021 18:01

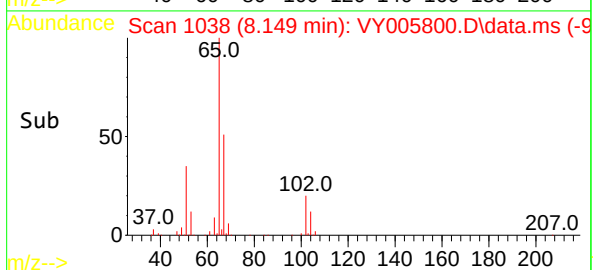
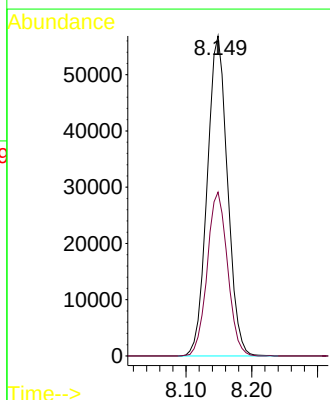
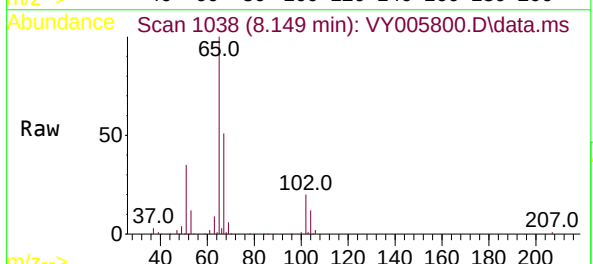
Instrument :
MSVOA_Y
ClientSampled :

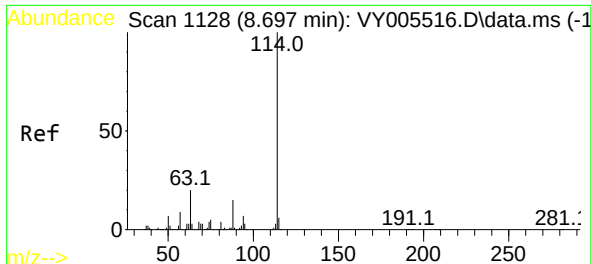
Tgt Ion: 56 Resp: 3828
Ion Ratio Lower Upper
56 100
69 148.2 27.7 41.5#
84 118.1 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 63.459 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005800.D
Acq: 20 Aug 2021 18:01

Tgt Ion: 65 Resp: 122341
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

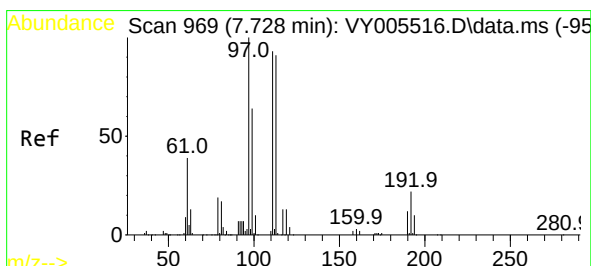
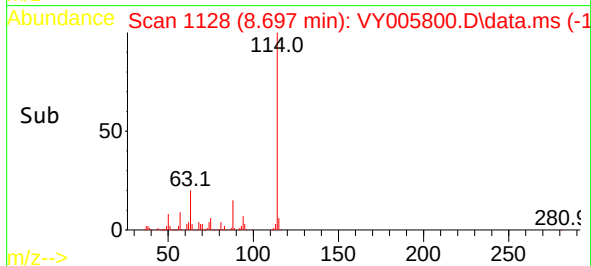
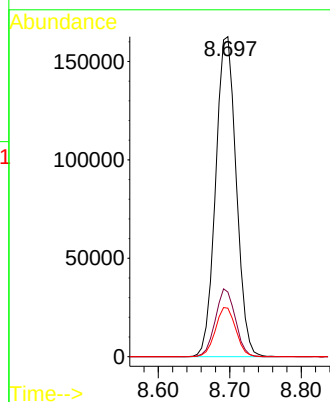
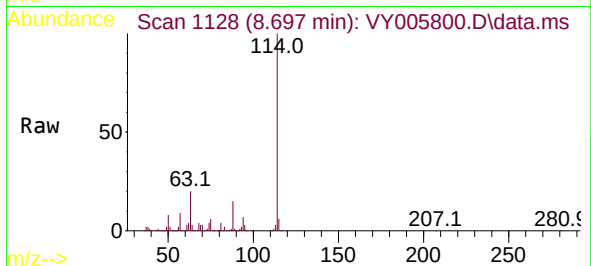
Delta R.T. -0.000 min

Lab File: VY005800.D

Acq: 20 Aug 2021 18:01

Tgt Ion:	114	Resp:	325235
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	39.2
88	15.2	0.0	30.8

Instrument :
MSVOA_Y
ClientSampled :



#35

Dibromofluoromethane

Concen: 54.635 ug/l

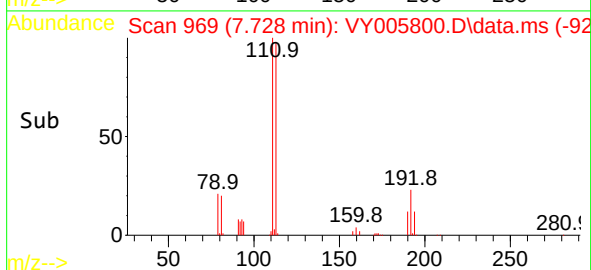
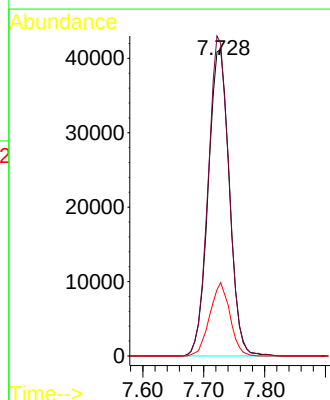
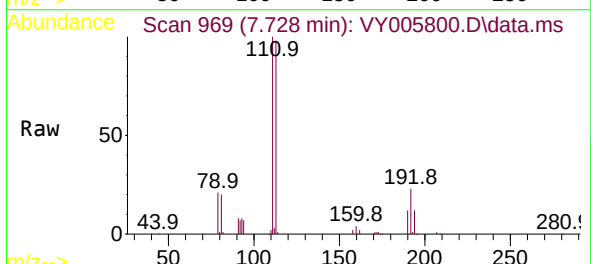
RT: 7.728 min Scan# 969

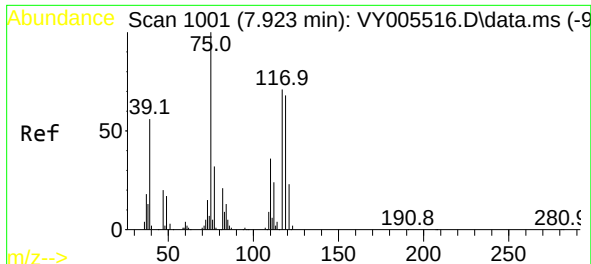
Delta R.T. -0.000 min

Lab File: VY005800.D

Acq: 20 Aug 2021 18:01

Tgt Ion:	113	Resp:	99486
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.9	122.9
192	22.8	19.2	28.8





#36

1,1-Dichloropropene

Concen: 4.562 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005800.D

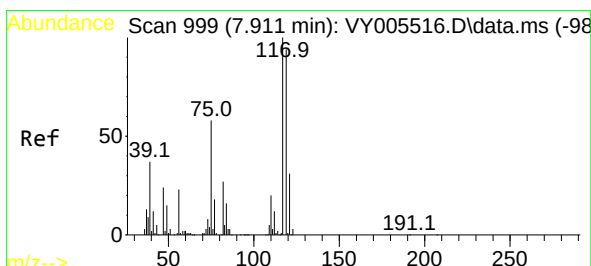
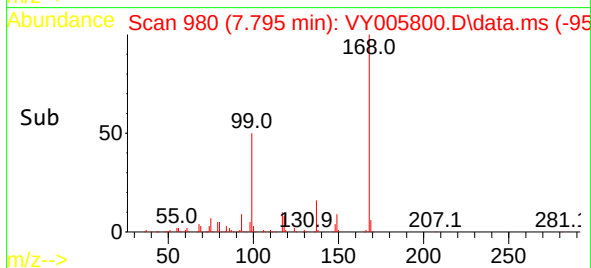
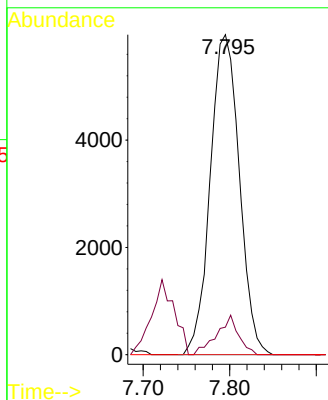
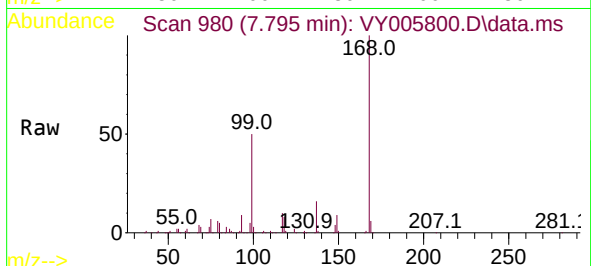
Acq: 20 Aug 2021 18:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 13917
Ion Ratio	Lower Upper
75 100	
110 9.3	18.1 54.1#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.354 ug/l

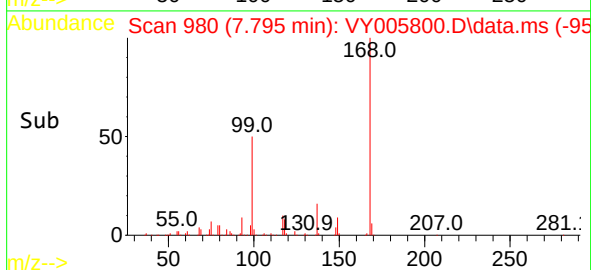
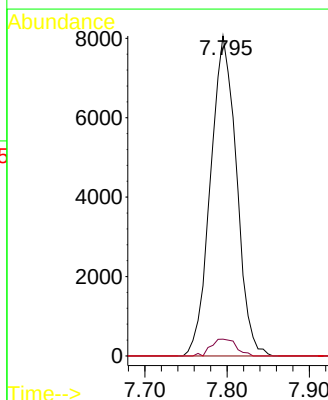
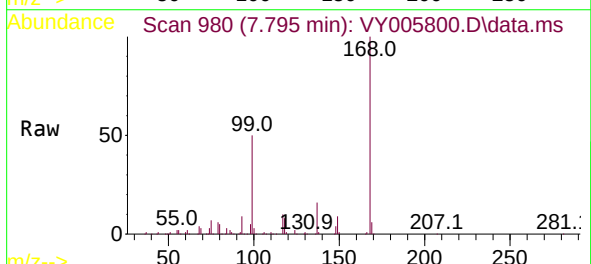
RT: 7.795 min Scan# 980

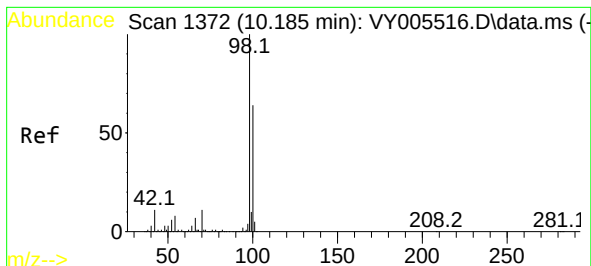
Delta R.T. -0.116 min

Lab File: VY005800.D

Acq: 20 Aug 2021 18:01

Tgt Ion: 117	Resp: 17750
Ion Ratio	Lower Upper
117 100	
119 5.3	75.4 113.0#
121 0.0	25.1 37.7#

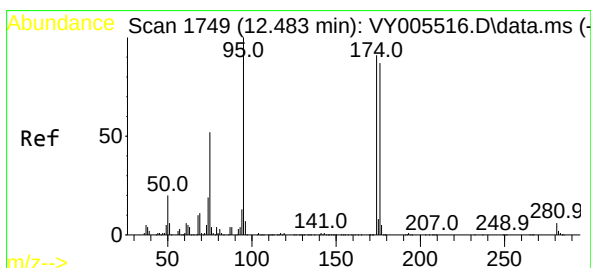
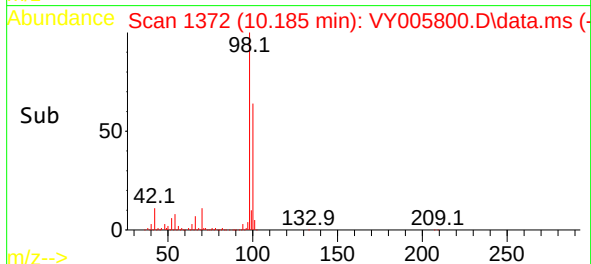
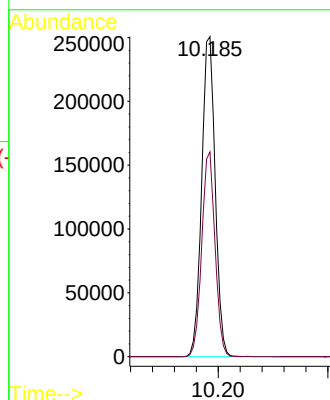
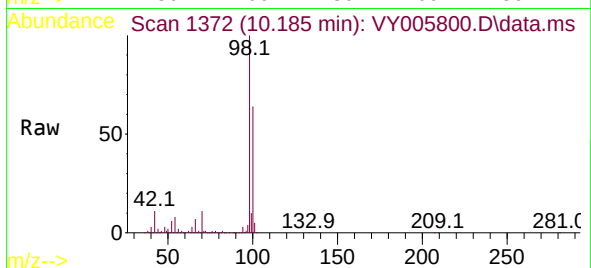




#50
Toluene-d8
Concen: 56.098 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005800.D
Acq: 20 Aug 2021 18:01

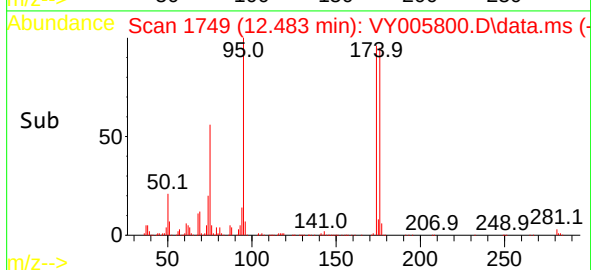
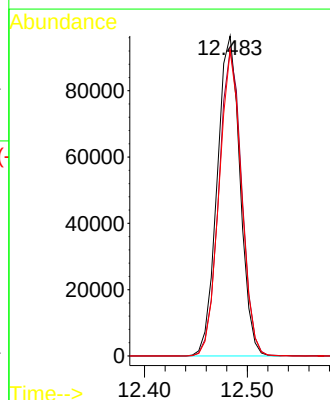
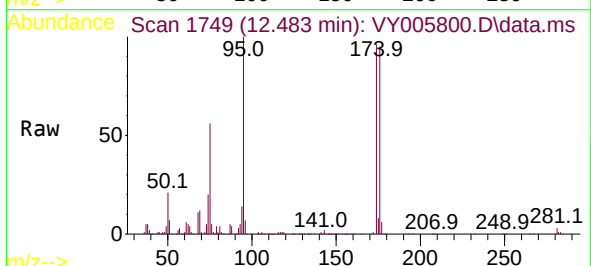
Instrument :
MSVOA_Y
ClientSampled :

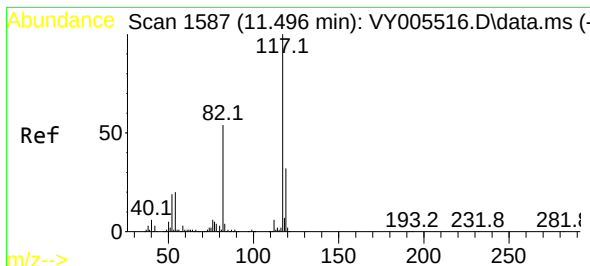
Tgt Ion: 98 Resp: 428411
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 58.878 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005800.D
Acq: 20 Aug 2021 18:01

Tgt Ion: 95 Resp: 148898
Ion Ratio Lower Upper
95 100
174 95.3 0.0 191.4
176 92.8 0.0 183.6

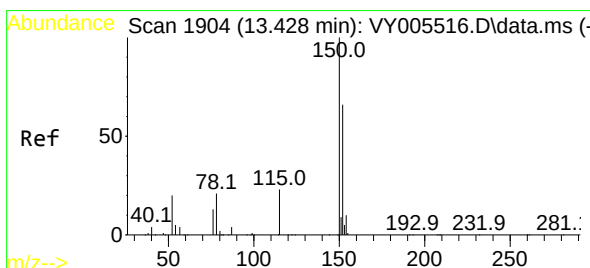
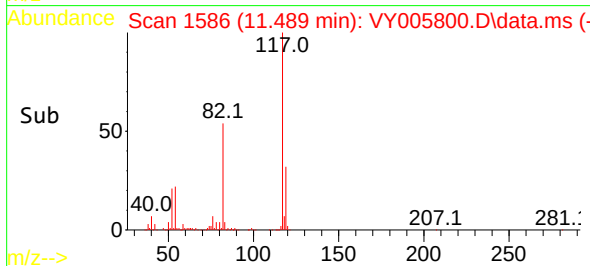
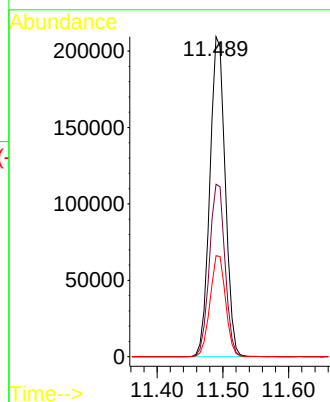
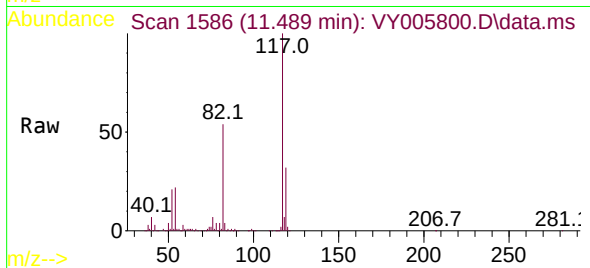




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005800.D
Acq: 20 Aug 2021 18:01

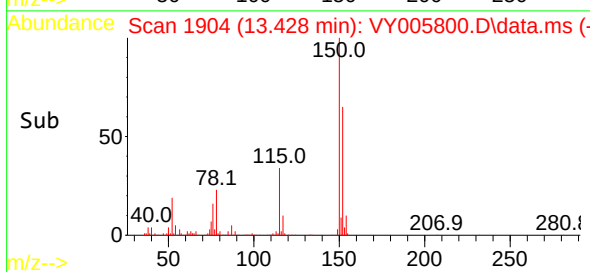
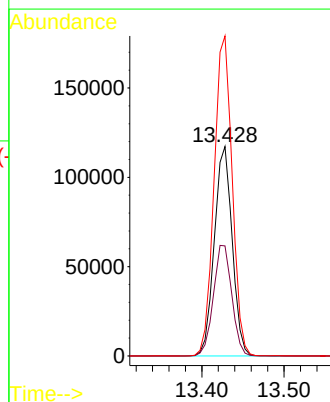
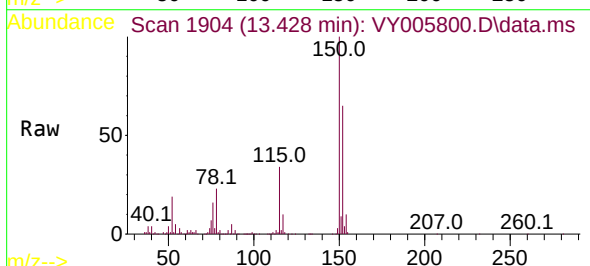
Instrument :
MSVOA_Y
ClientSampled :

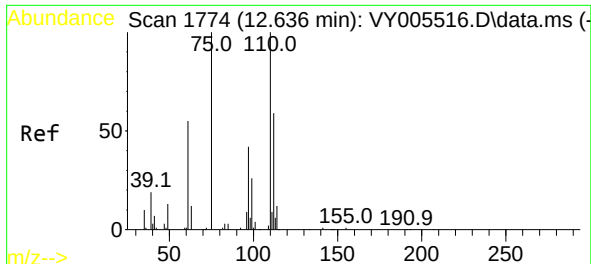
Tgt Ion:117 Resp: 340418
Ion Ratio Lower Upper
117 100
82 53.9 43.5 65.3
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005800.D
Acq: 20 Aug 2021 18:01

Tgt Ion:152 Resp: 177131
Ion Ratio Lower Upper
152 100
115 54.4 27.3 81.9
150 154.3 0.0 350.2

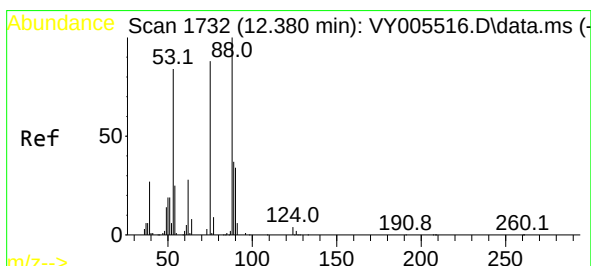
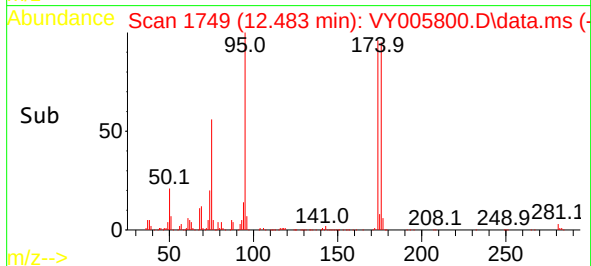
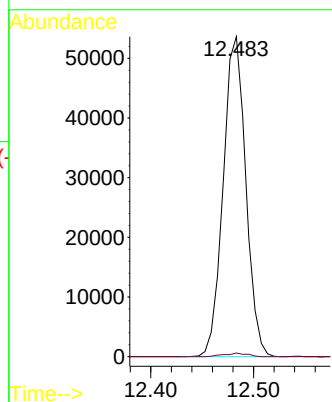
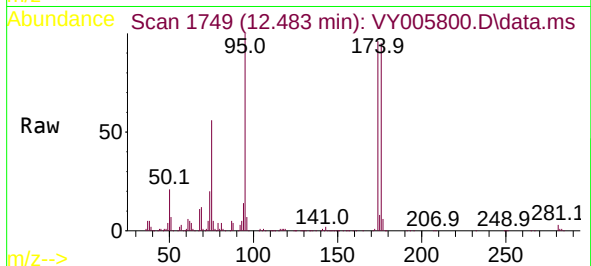




#76
1,2,3-Trichloropropane
Concen: 44.556 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005800.D
Acq: 20 Aug 2021 18:01

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 81786
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.819 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005800.D
Acq: 20 Aug 2021 18:01

Tgt Ion: 75 Resp: 81786
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

