

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082721\
 Data File : VY005880.D
 Acq On : 27 Aug 2021 13:55
 Operator : SY/MD
 Sample : M3558-01RE
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 03:51:17 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)

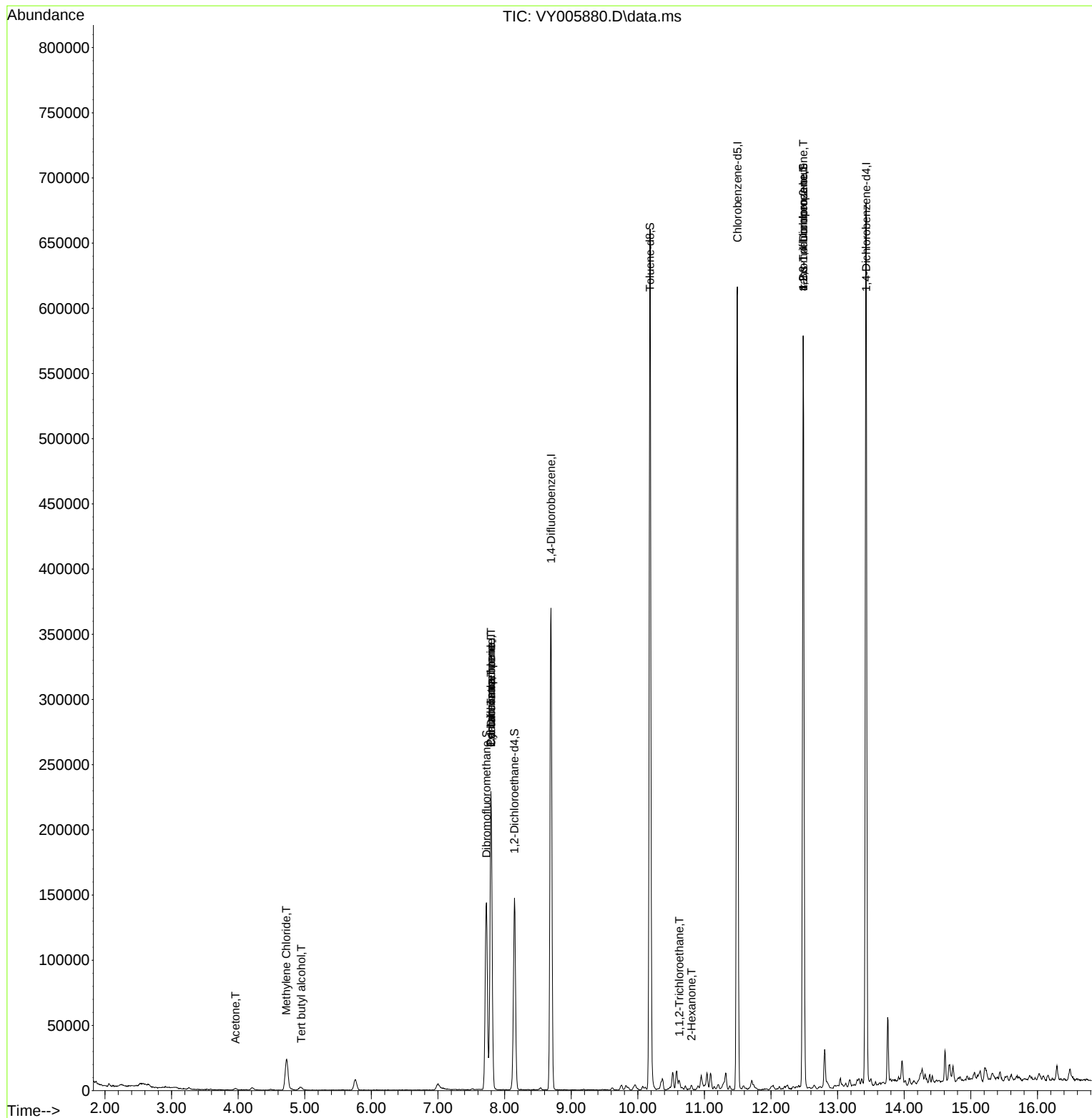
Internal Standards						
1) Pentafluorobenzene	7.795	168	184051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	317030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	341181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	178407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	116887	62.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.480%	
35) Dibromofluoromethane	7.728	113	98734	55.626	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.260%	
50) Toluene-d8	10.185	98	417171	56.040	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.080%	
62) 4-Bromofluorobenzene	12.483	95	150236	60.945	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.880%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.948	59	2662	14.454	ug/l #	73
16) Acetone	3.960	43	2108	4.488	ug/l	97
20) Methylene Chloride	4.722	84	18192	4.218	ug/l	87
31) Cyclohexane	7.795	56	3419	1.070	ug/l #	16
36) 1,1-Dichloropropene	7.795	75	13182	4.433	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16503	5.107	ug/l #	17
55) 1,1,2-Trichloroethane	10.624	97	3067	1.800	ug/l #	21
59) 2-Hexanone	10.807	43	1346	1.060	ug/l #	25
76) 1,2,3-Trichloropropane	12.483	75	81363	44.008	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81363	88.715	ug/l #	11

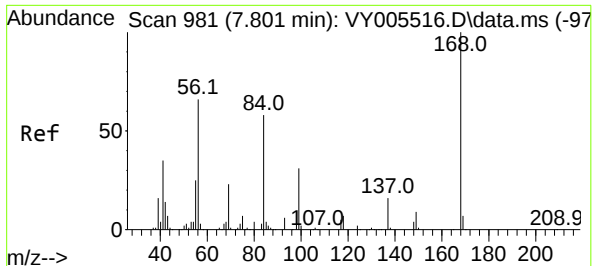
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082721\
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Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

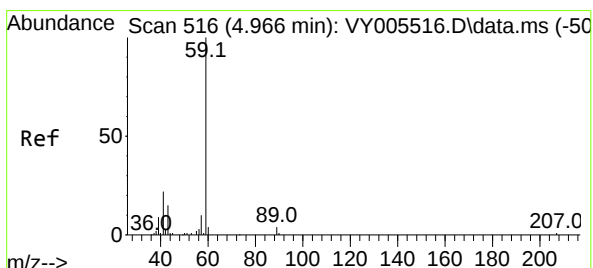
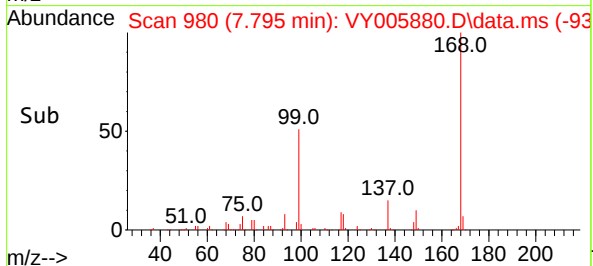
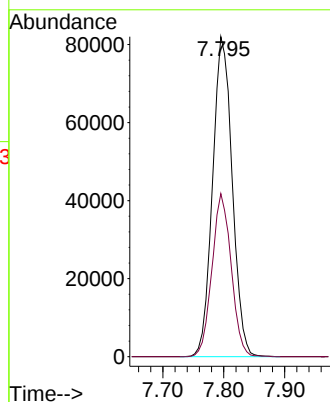
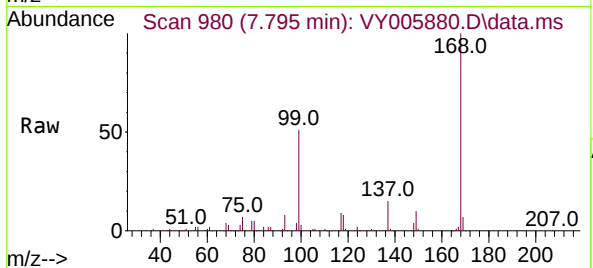




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005880.D
Acq: 27 Aug 2021 13:55

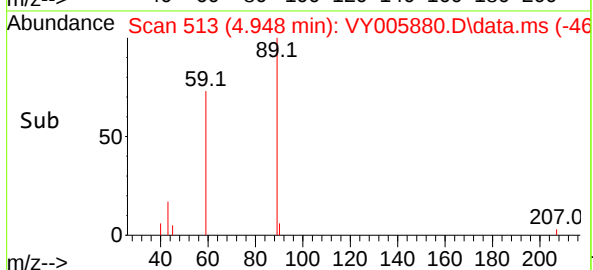
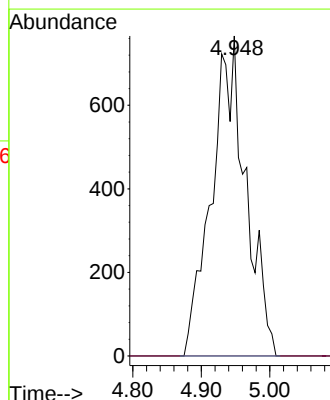
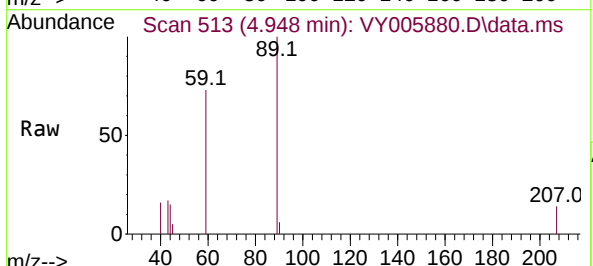
Instrument :
MSVOA_Y
ClientSampled :

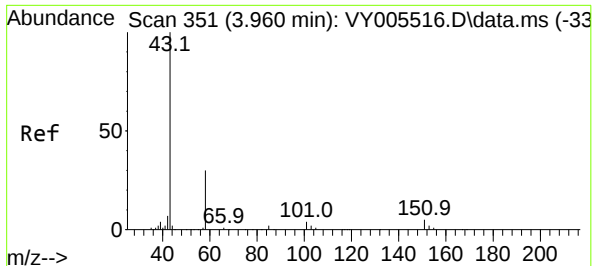
Tgt Ion:168 Resp: 184051
Ion Ratio Lower Upper
168 100
99 51.0 38.9 58.3



#11
Tert butyl alcohol
Concen: 14.454 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY005880.D
Acq: 27 Aug 2021 13:55

Tgt Ion: 59 Resp: 2662
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

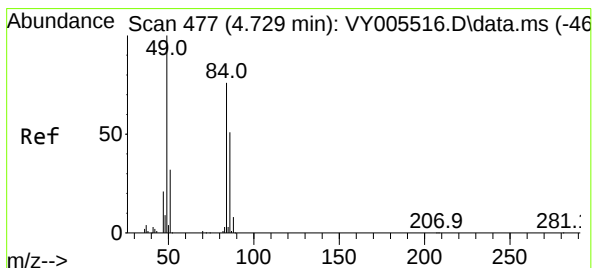
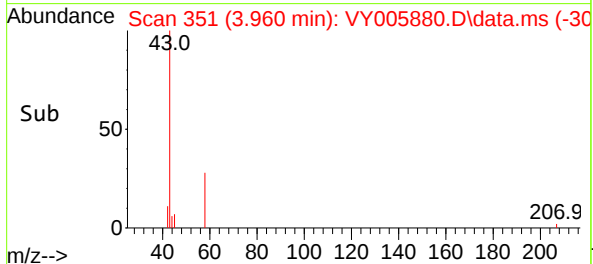
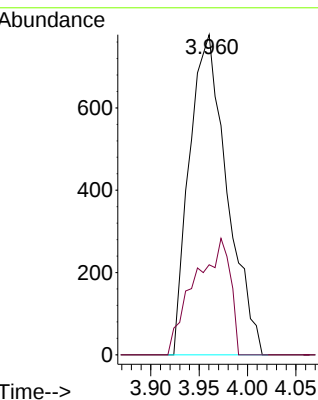
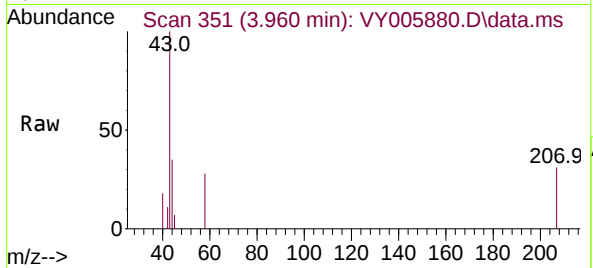




#16
Acetone
Concen: 4.488 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005880.D
Acq: 27 Aug 2021 13:55

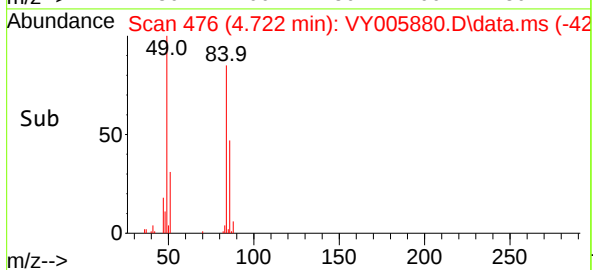
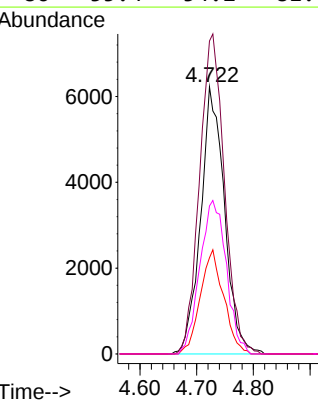
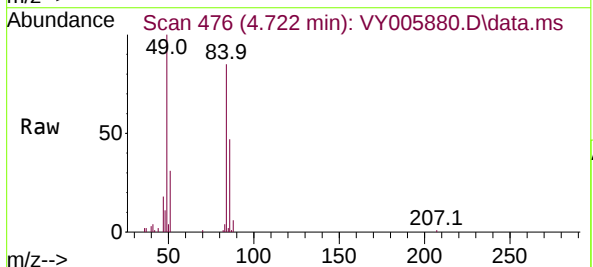
Instrument :
MSVOA_Y
ClientSampled :

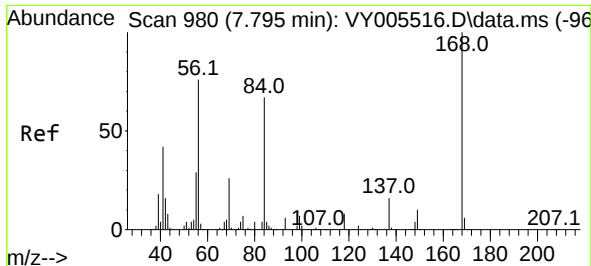
Tgt Ion: 43 Resp: 2108
Ion Ratio Lower Upper
43 100
58 28.1 23.8 35.6



#20
Methylene Chloride
Concen: 4.218 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005880.D
Acq: 27 Aug 2021 13:55

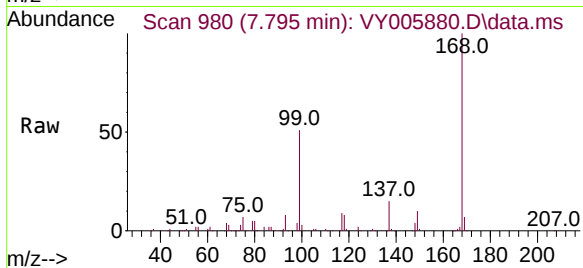
Tgt Ion: 84 Resp: 18192
Ion Ratio Lower Upper
84 100
49 117.1 105.8 158.6
51 36.0 33.4 50.2
86 55.4 54.2 81.4



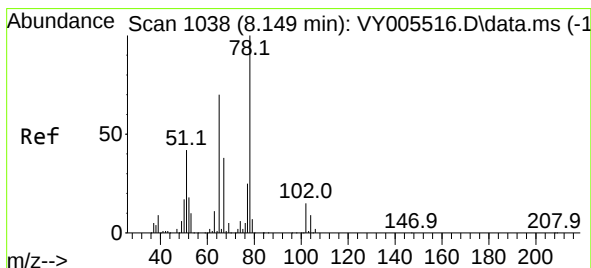
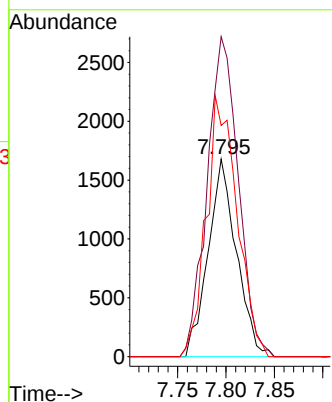
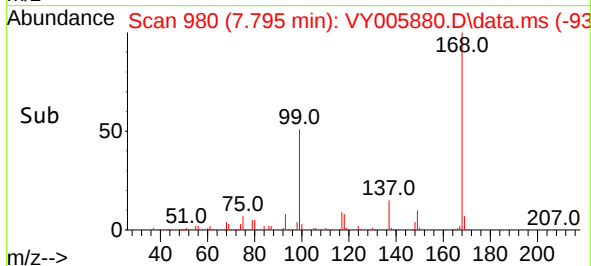


#31
Cyclohexane
Concen: 1.070 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005880.D
Acq: 27 Aug 2021 13:55

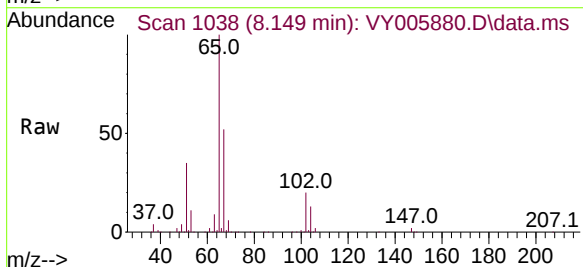
Instrument :
MSVOA_Y
ClientSampleId :



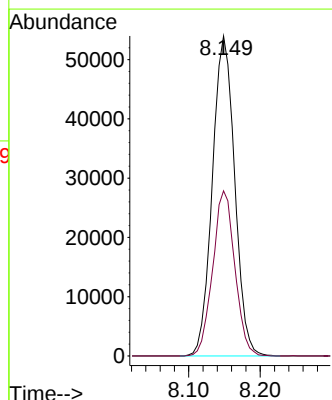
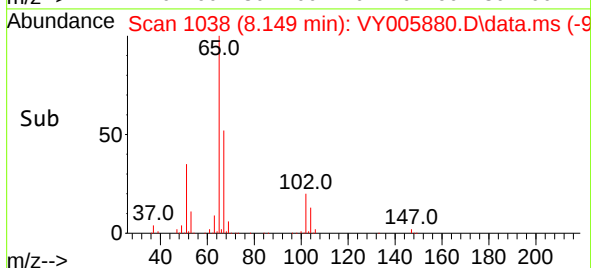
Tgt Ion: 56 Resp: 3419
Ion Ratio Lower Upper
56 100
69 161.9 27.7 41.5#
84 117.0 70.9 106.3#

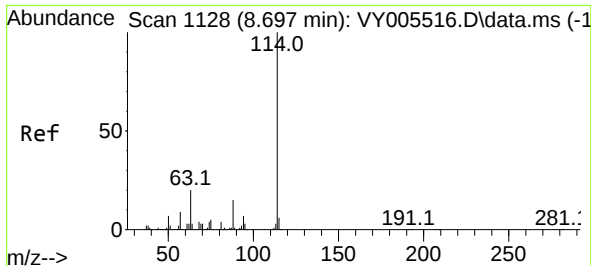


#33
1,2-Dichloroethane-d4
Concen: 62.739 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005880.D
Acq: 27 Aug 2021 13:55



Tgt Ion: 65 Resp: 116887
Ion Ratio Lower Upper
65 100
67 51.1 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: VY005880.D

Acq: 27 Aug 2021 13:55

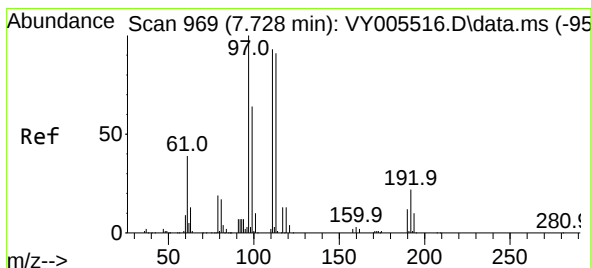
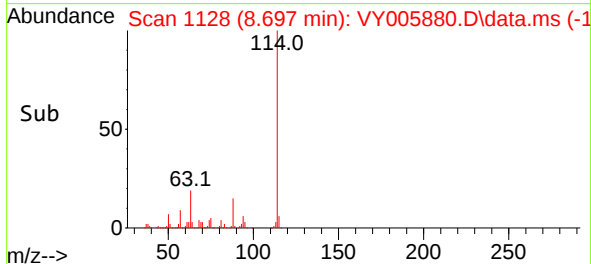
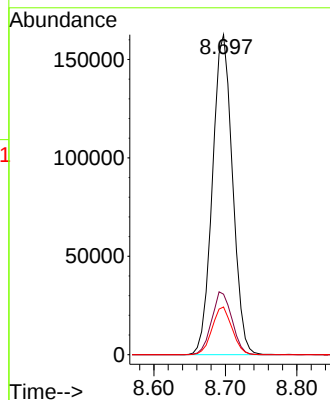
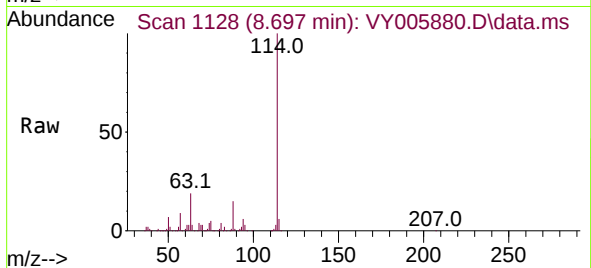
Tgt Ion:114 Resp: 317030

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.2

88 14.9 0.0 30.8



#35

Dibromofluoromethane

Concen: 55.626 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005880.D

Acq: 27 Aug 2021 13:55

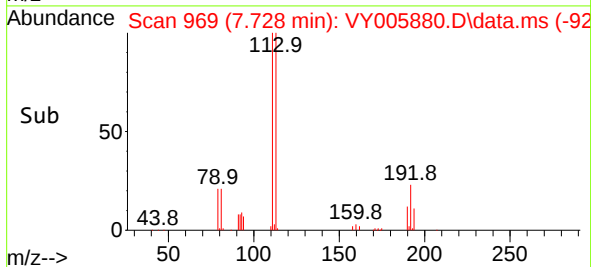
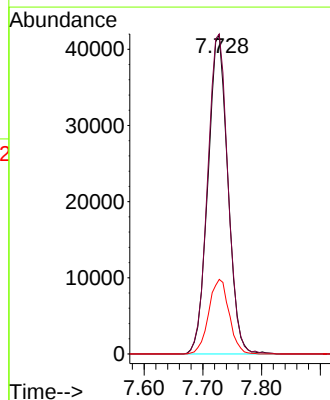
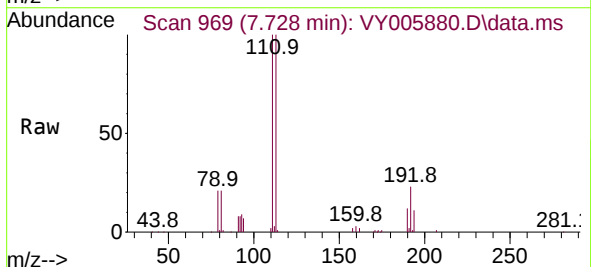
Tgt Ion:113 Resp: 98734

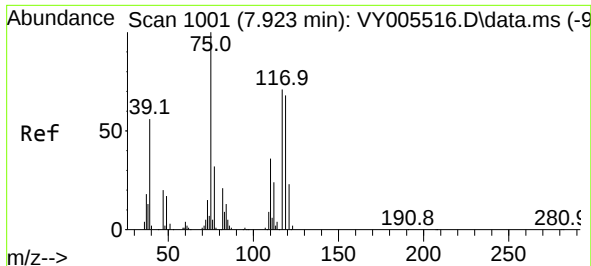
Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

192 23.9 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.433 ug/l

RT: 7.795 min Scan# 980

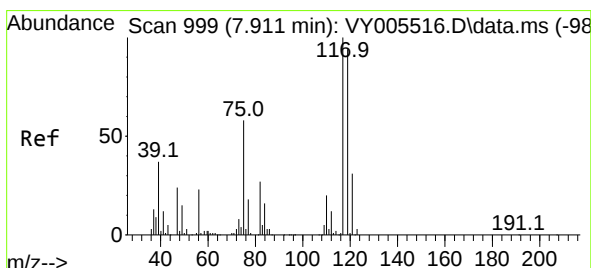
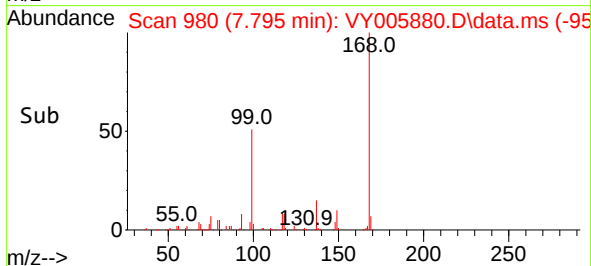
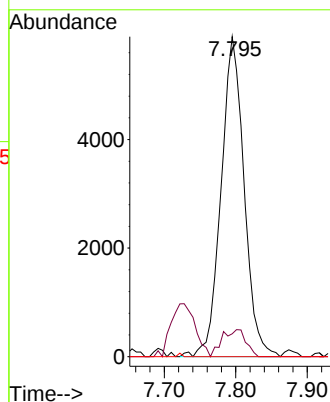
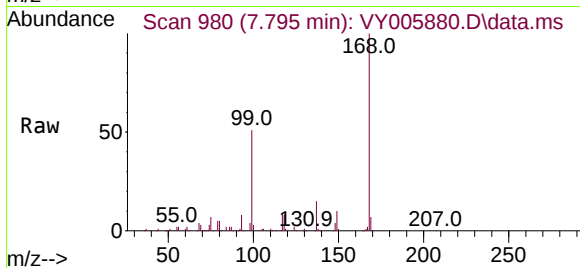
Delta R.T. -0.128 min

Lab File: VY005880.D

Acq: 27 Aug 2021 13:55

Tgt Ion:	75	Resp:	13182
Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.1#
77	0.0	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.107 ug/l

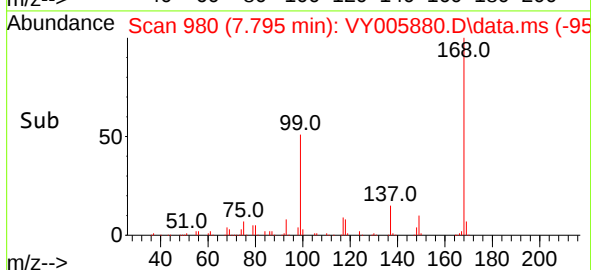
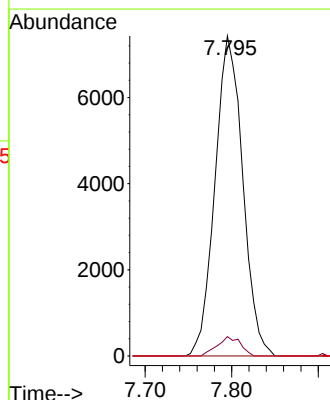
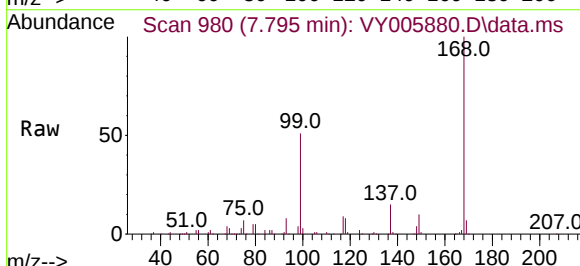
RT: 7.795 min Scan# 980

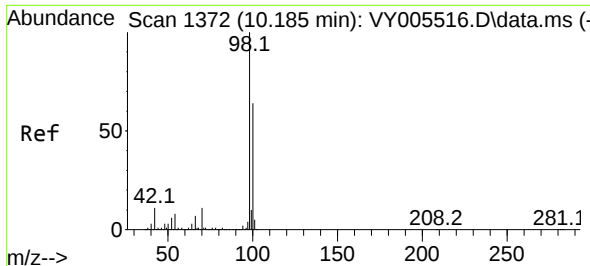
Delta R.T. -0.116 min

Lab File: VY005880.D

Acq: 27 Aug 2021 13:55

Tgt Ion:	117	Resp:	16503
Ion	Ratio	Lower	Upper
117	100		
119	6.0	75.4	113.0#
121	0.0	25.1	37.7#

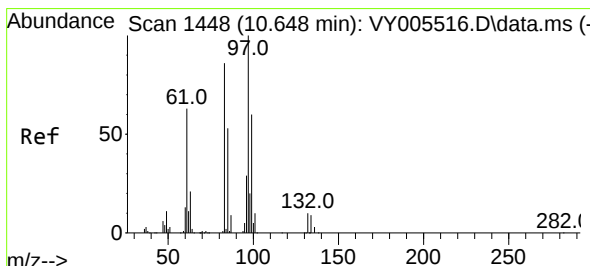
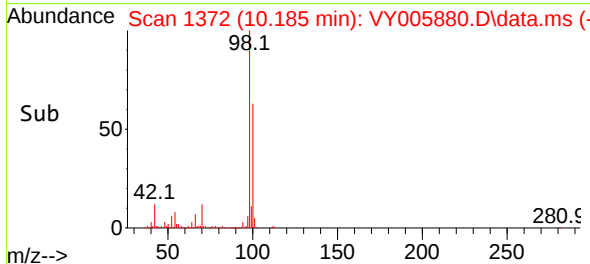
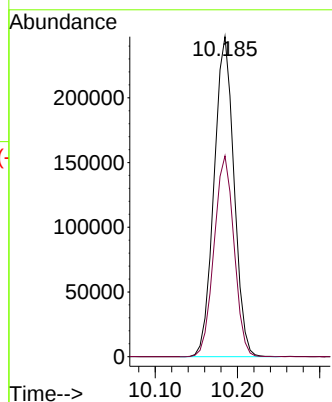
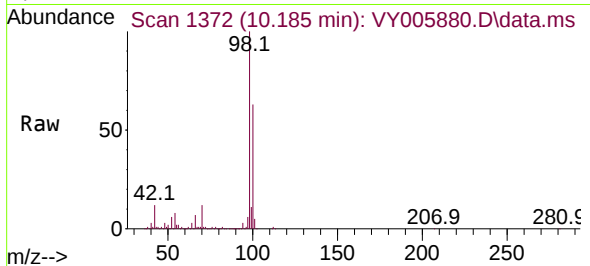




#50
Toluene-d8
Concen: 56.040 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005880.D
Acq: 27 Aug 2021 13:55

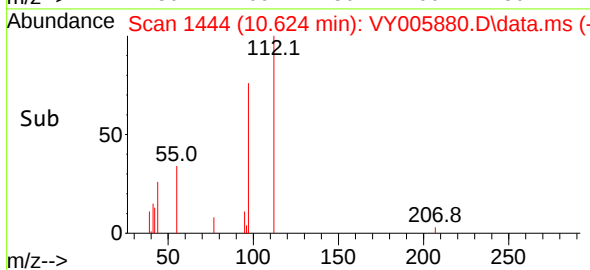
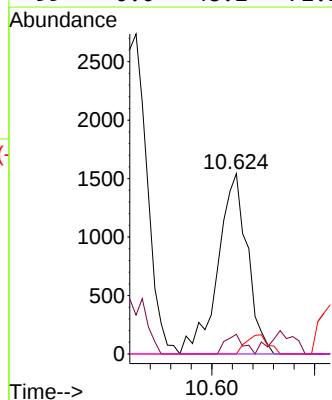
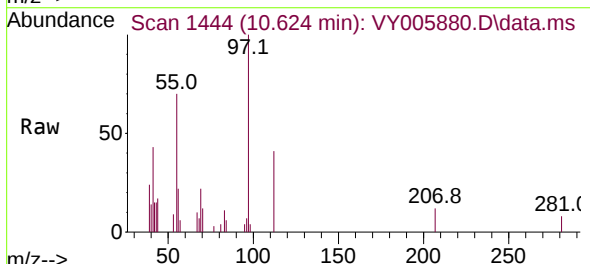
Instrument :
MSVOA_Y
ClientSampled :

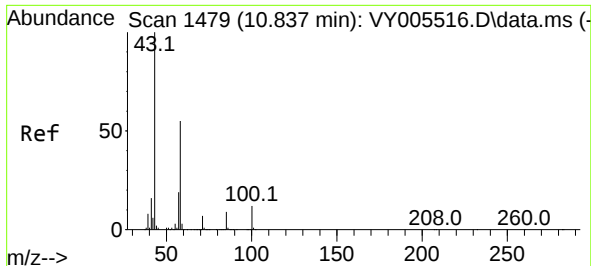
Tgt Ion: 98 Resp: 417171
Ion Ratio Lower Upper
98 100
100 62.8 51.3 76.9



#55
1,1,2-Trichloroethane
Concen: 1.800 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY005880.D
Acq: 27 Aug 2021 13:55

Tgt Ion: 97 Resp: 3067
Ion Ratio Lower Upper
97 100
83 11.0 68.7 103.1#
85 0.0 42.4 63.6#
99 0.0 48.2 72.2#

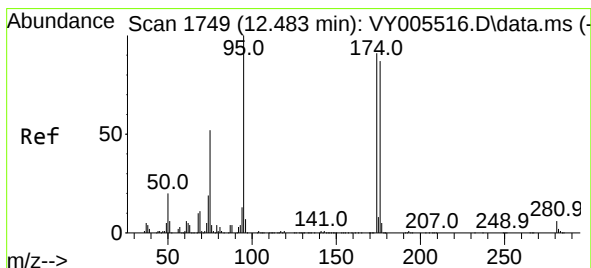
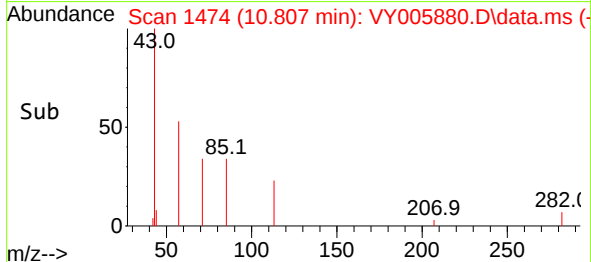
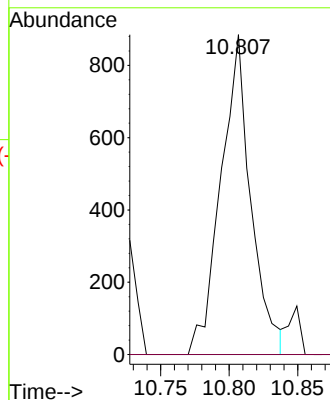
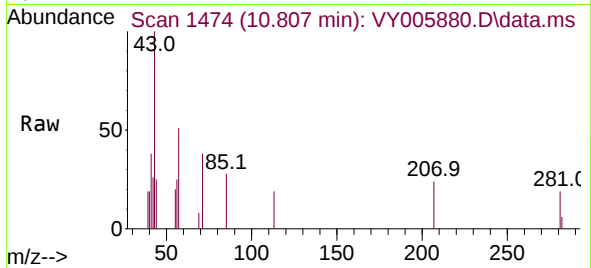




#59
2-Hexanone
Concen: 1.060 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.031 min
Lab File: VY005880.D
Acq: 27 Aug 2021 13:55

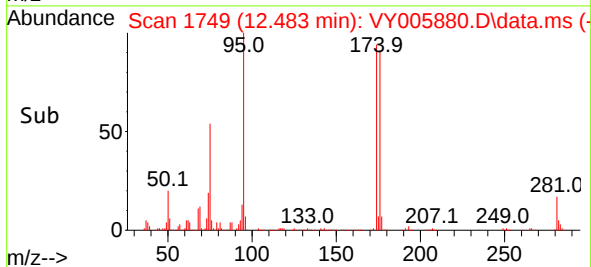
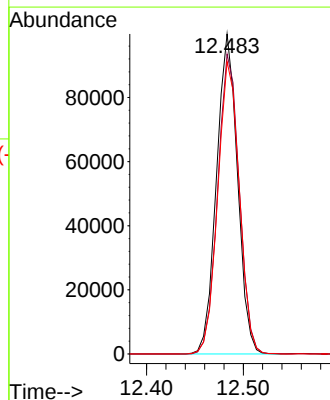
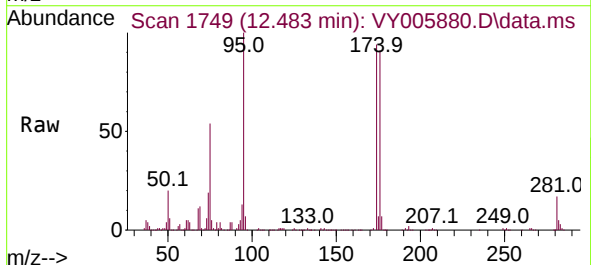
Instrument :
MSVOA_Y
ClientSampled :

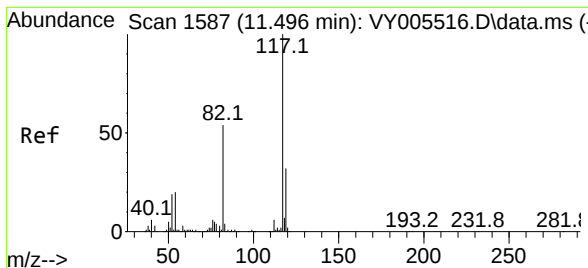
Tgt Ion: 43 Resp: 1346
Ion Ratio Lower Upper
43 100
58 0.0 27.1 81.2#



#62
4-Bromofluorobenzene
Concen: 60.945 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005880.D
Acq: 27 Aug 2021 13:55

Tgt Ion: 95 Resp: 150236
Ion Ratio Lower Upper
95 100
174 96.0 0.0 191.4
176 93.6 0.0 183.6

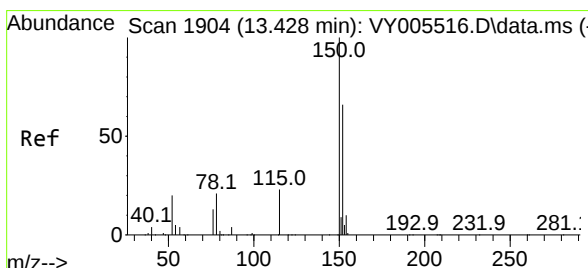
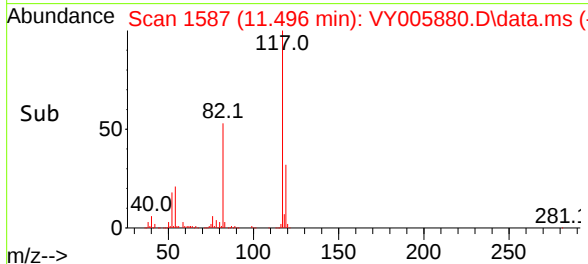
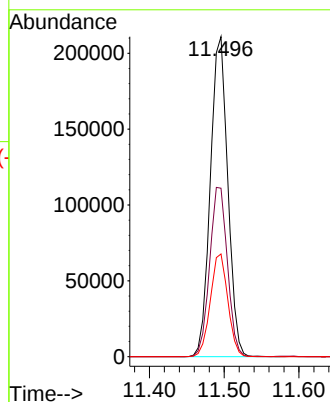
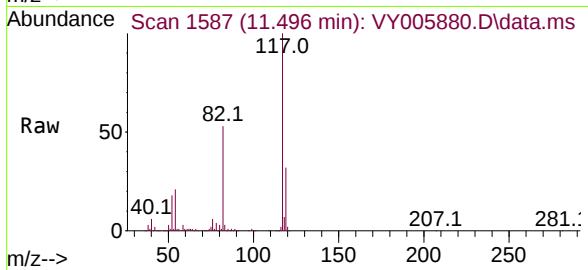




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005880.D
Acq: 27 Aug 2021 13:55

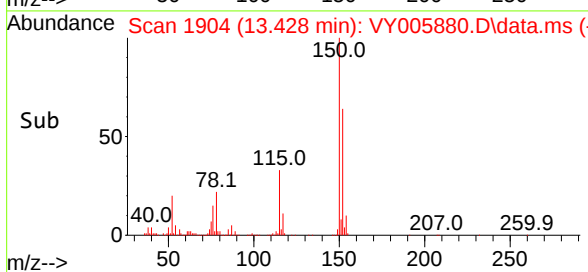
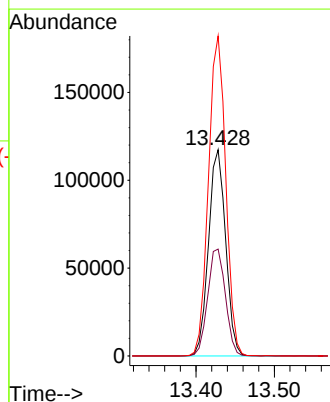
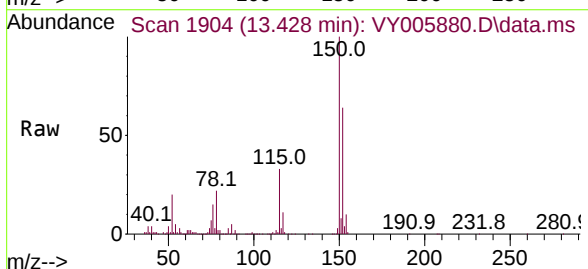
Instrument :
MSVOA_Y
ClientSampleId :

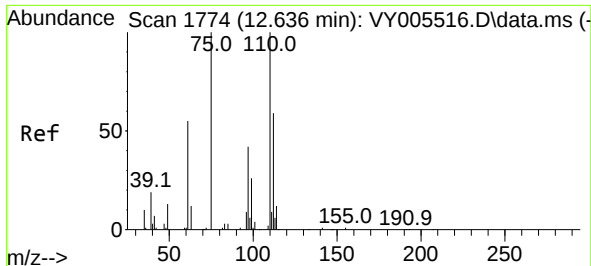
Tgt Ion:117 Resp: 341181
Ion Ratio Lower Upper
117 100
82 52.7 43.5 65.3
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005880.D
Acq: 27 Aug 2021 13:55

Tgt Ion:152 Resp: 178407
Ion Ratio Lower Upper
152 100
115 53.7 27.3 81.9
150 156.2 0.0 350.2

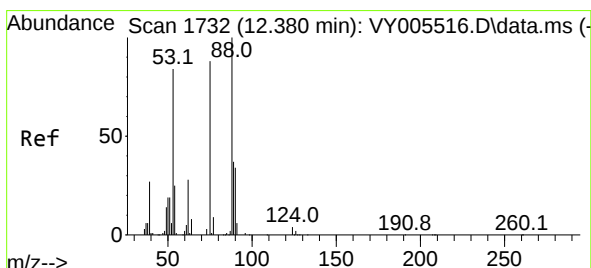
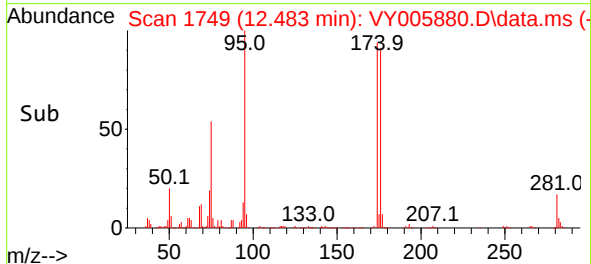
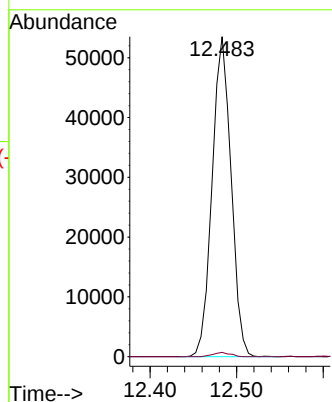
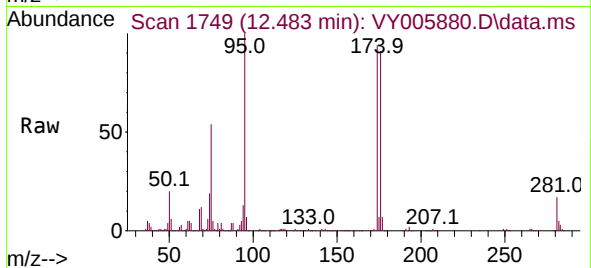




#76
1,2,3-Trichloropropane
Concen: 44.008 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005880.D
Acq: 27 Aug 2021 13:55

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 81363
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.715 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005880.D
Acq: 27 Aug 2021 13:55

Tgt Ion: 75 Resp: 81363
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.1 38.4 57.6#

