

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004580.D
 Acq On : 22 Apr 2021 13:19
 Operator : SY/MD
 Sample : M2107-10
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 09:19:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

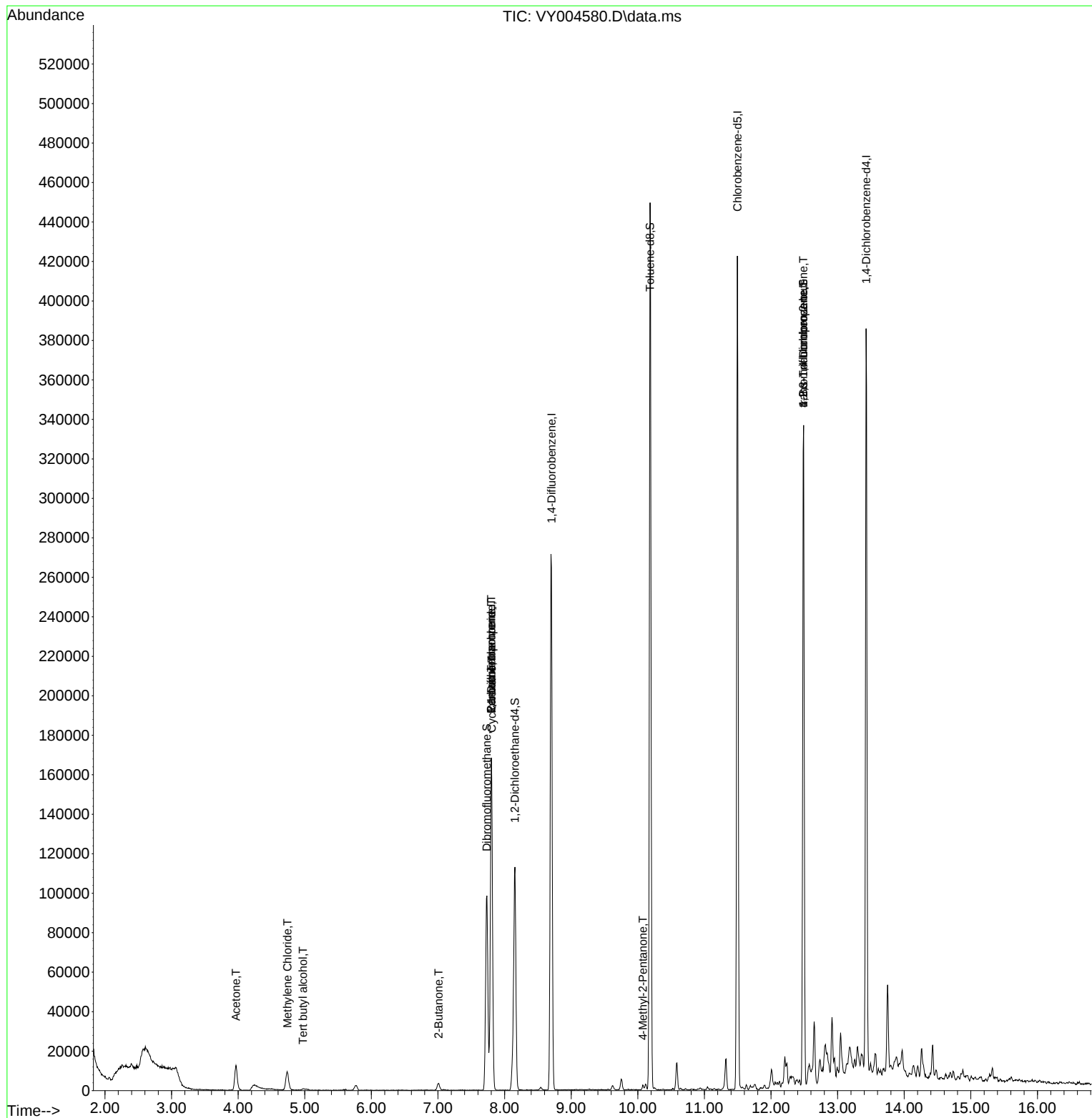
Internal Standards						
1) Pentafluorobenzene	7.801	168	124522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	224541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	210469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	82347	59.52	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.04%			
35) Dibromofluoromethane	7.734	113	68380	54.88	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.76%			
50) Toluene-d8	10.185	98	277095	52.28	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.56%			
62) 4-Bromofluorobenzene	12.483	95	91597	50.93	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.86%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.972	59	1345	9.86	ug/l #	78
16) Acetone	3.966	43	21966	60.20	ug/l	97
20) Methylene Chloride	4.741	84	6412	4.80	ug/l	89
25) 2-Butanone	7.009	43	6323	12.00	ug/l	97
31) Cyclohexane	7.807	56	3294	1.30	ug/l #	30
36) 1,1-Dichloropropene	7.801	75	10219	4.58	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12943	6.71	ug/l #	17
51) 4-Methyl-2-Pentanone	10.075	43	1973	1.41	ug/l #	85
76) 1,2,3-Trichloropropane	12.483	75	51662	53.06	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51662	94.93	ug/l #	12

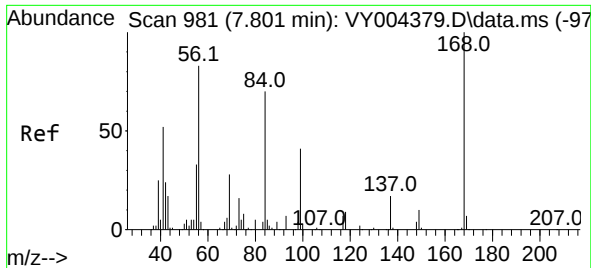
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
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Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 23 09:19:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

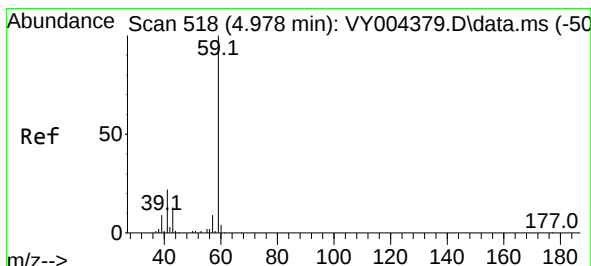
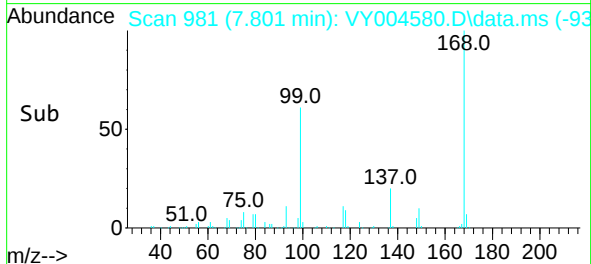
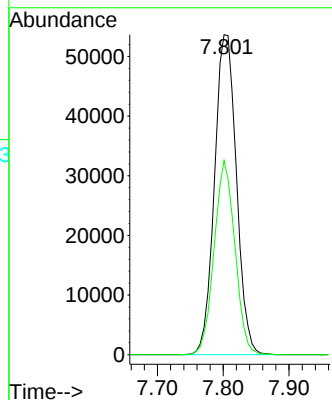
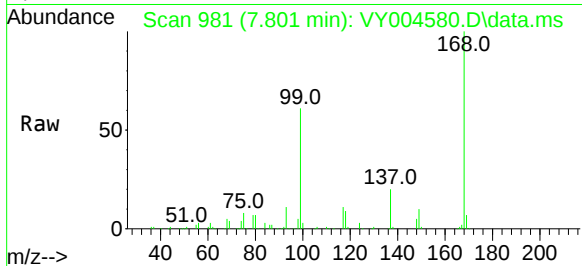




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

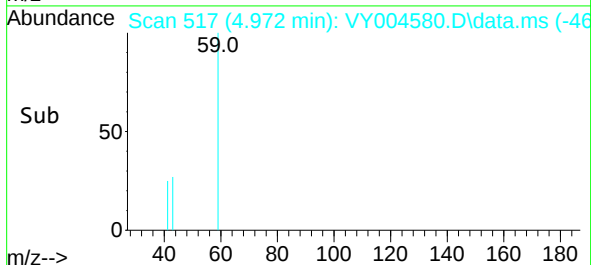
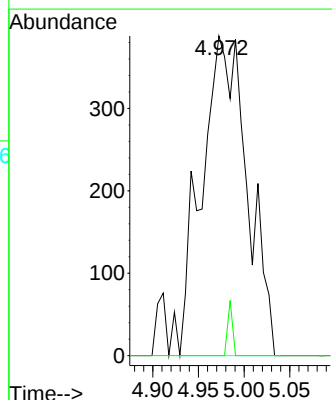
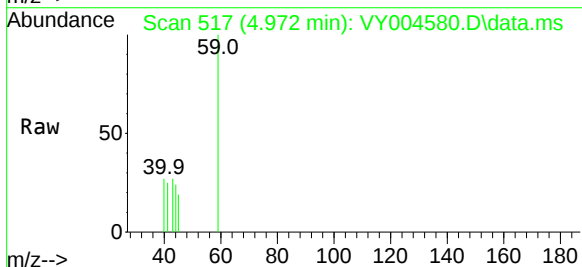
Instrument :
MSVOA_Y
ClientSampled :

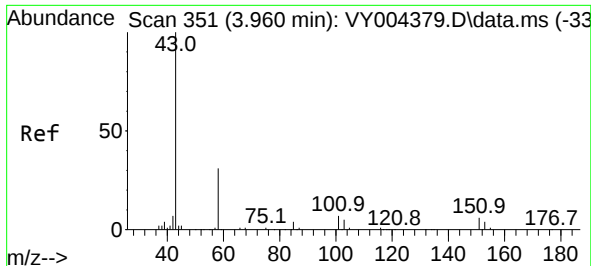
Tgt Ion:168 Resp: 124522
Ion Ratio Lower Upper
168 100
99 60.6 45.5 68.3



#11
Tert butyl alcohol
Concen: 9.86 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

Tgt Ion: 59 Resp: 1345
Ion Ratio Lower Upper
59 100
57 1.9 8.1 12.1#

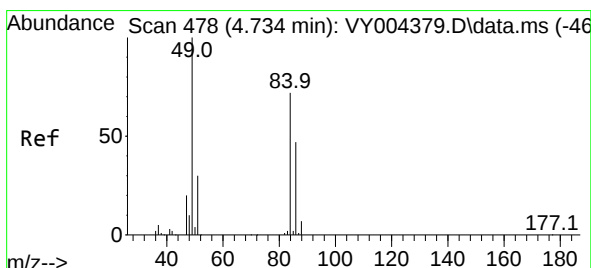
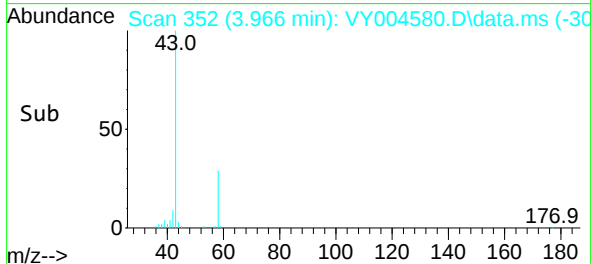
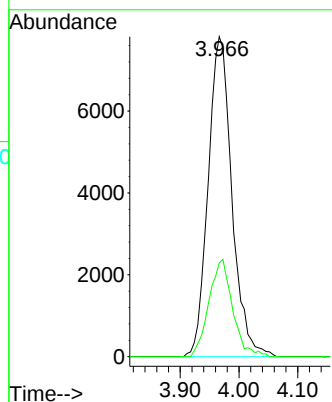
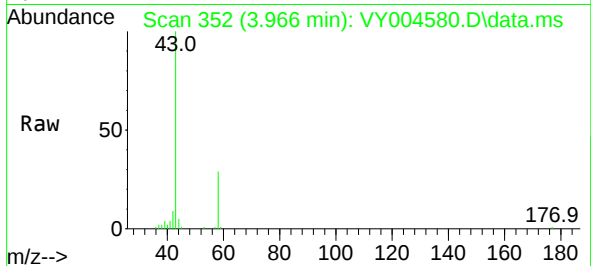




#16
Acetone
Concen: 60.20 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

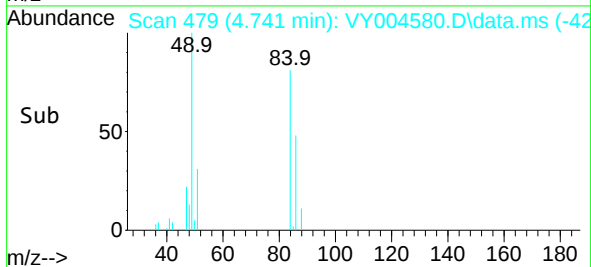
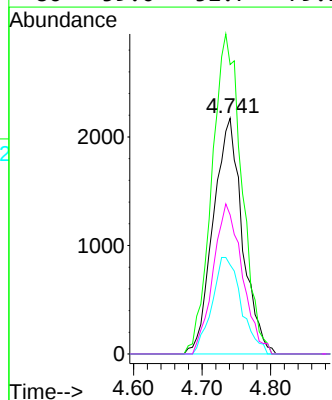
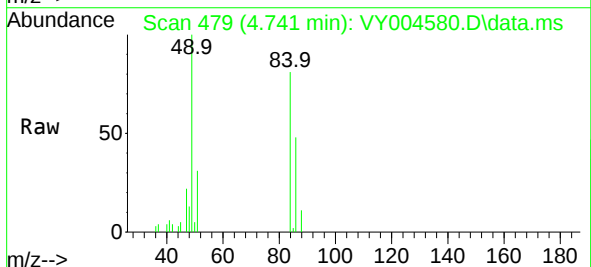
Instrument :
MSVOA_Y
ClientSampled :

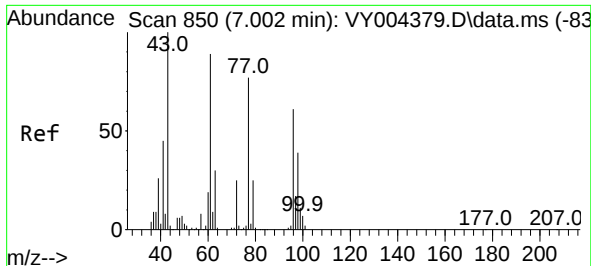
Tgt Ion: 43 Resp: 21966
Ion Ratio Lower Upper
43 100
58 29.3 24.6 37.0



#20
Methylene Chloride
Concen: 4.80 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

Tgt Ion: 84 Resp: 6412
Ion Ratio Lower Upper
84 100
49 122.8 111.2 166.8
51 37.8 33.4 50.2
86 59.0 52.7 79.1

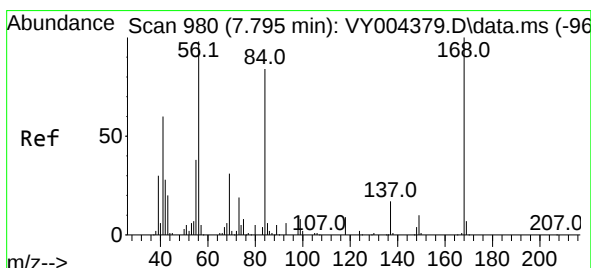
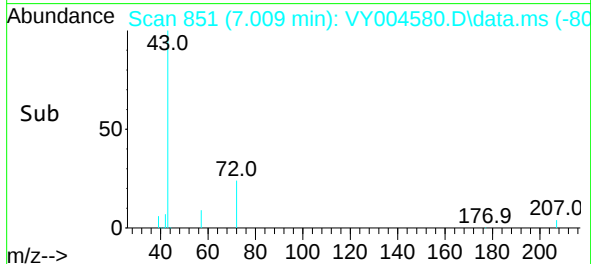
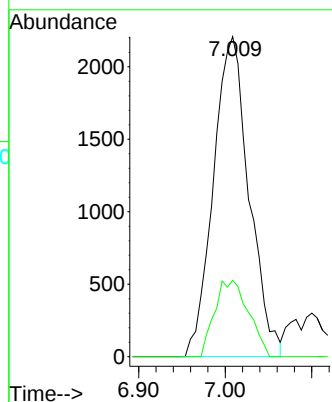
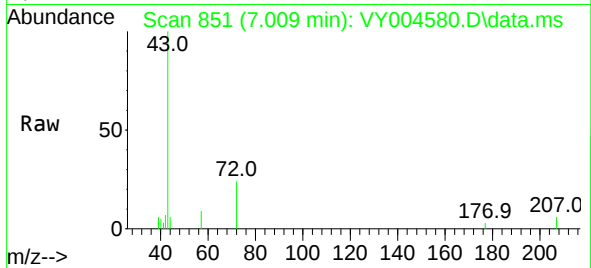




#25
2-Butanone
Concen: 12.00 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

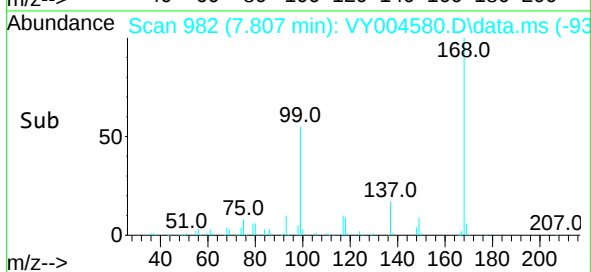
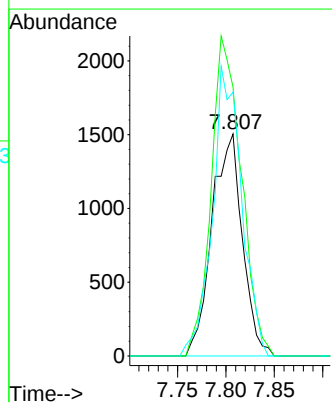
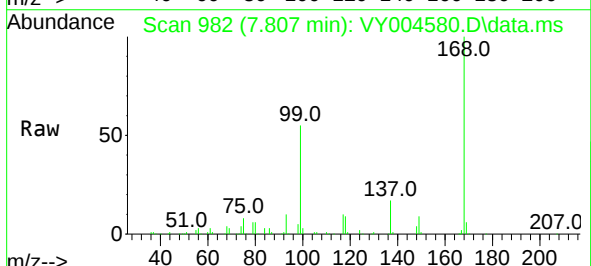
Instrument :
MSVOA_Y
ClientSampled :

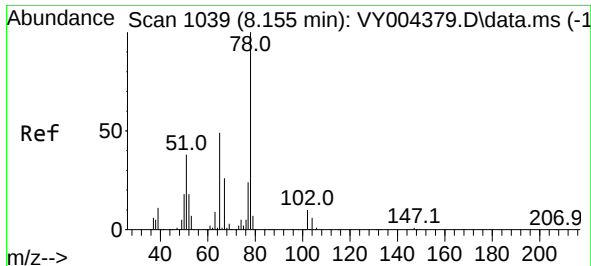
Tgt Ion: 43 Resp: 6323
Ion Ratio Lower Upper
43 100
72 23.9 20.2 30.2



#31
Cyclohexane
Concen: 1.30 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

Tgt Ion: 56 Resp: 3294
Ion Ratio Lower Upper
56 100
69 121.2 25.8 38.6#
84 118.9 68.2 102.4#

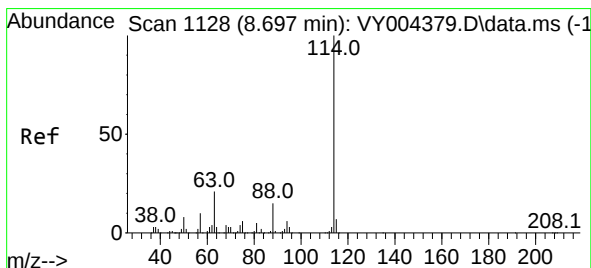
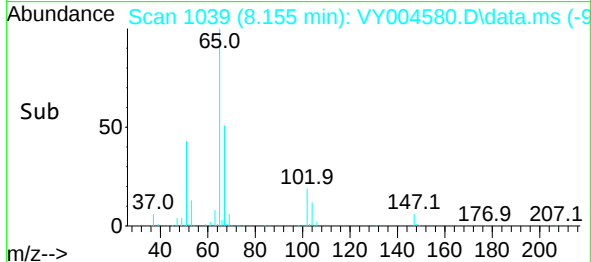
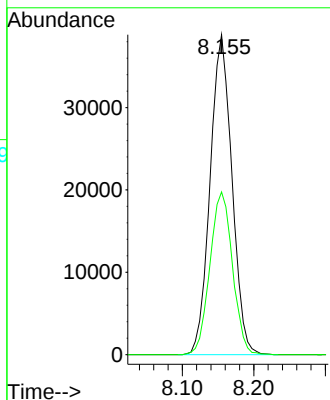
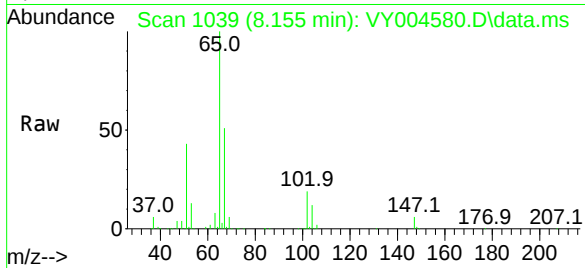




#33
1,2-Dichloroethane-d4
Concen: 59.52 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

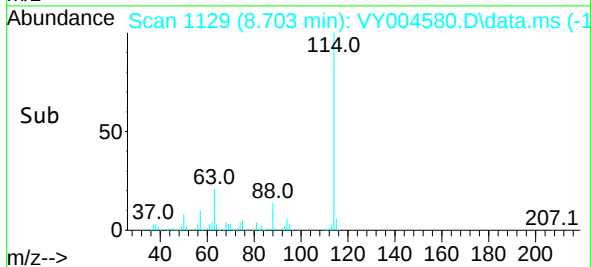
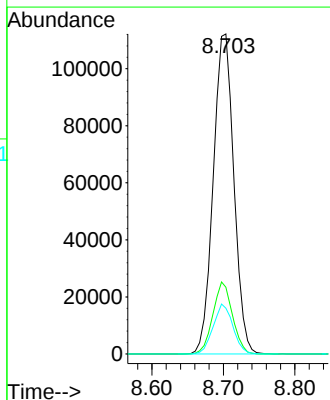
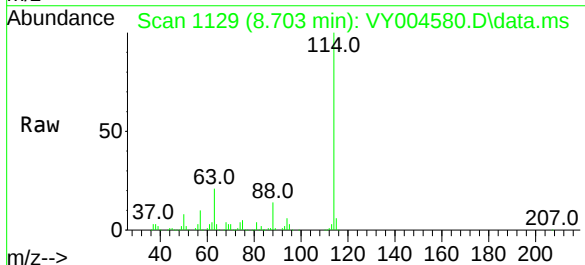
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 65 Resp: 82347
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

Tgt Ion:114 Resp: 224541
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.4
88 14.3 0.0 30.8

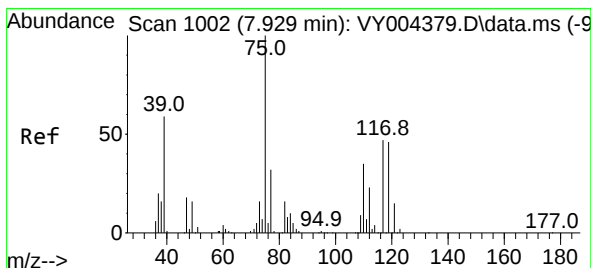
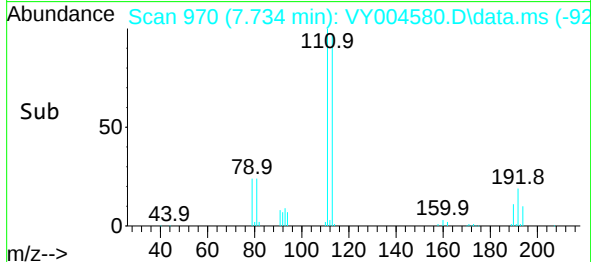
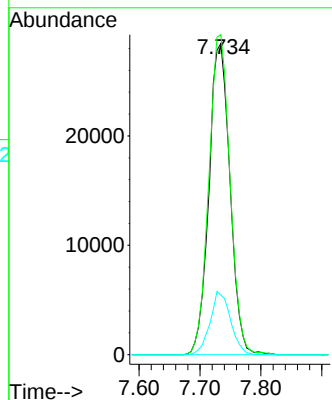
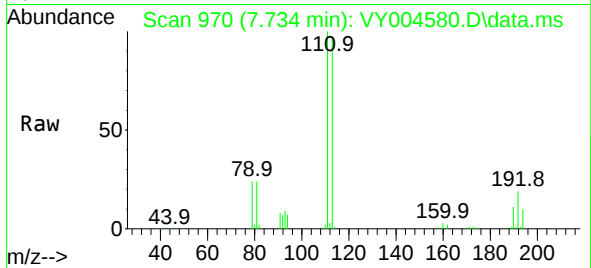




#35
Dibromofluoromethane
Concen: 54.88 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

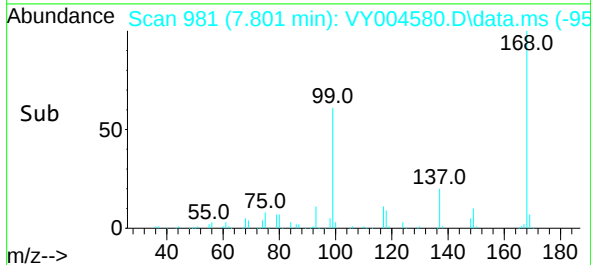
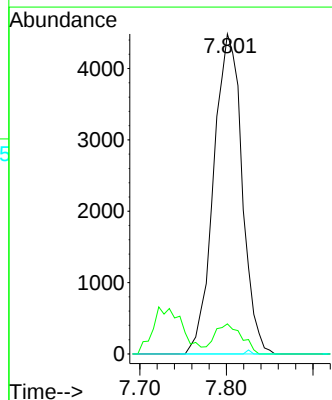
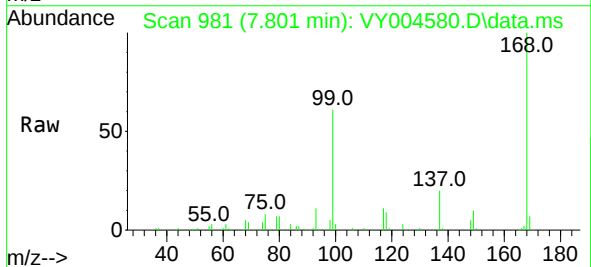
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 68380
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 19.7 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.58 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

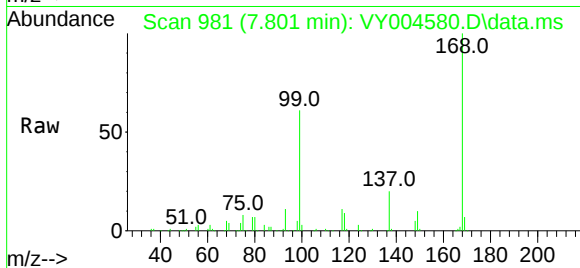
Tgt Ion: 75 Resp: 10219
Ion Ratio Lower Upper
75 100
110 9.1 17.3 51.7#
77 0.0 24.3 36.5#



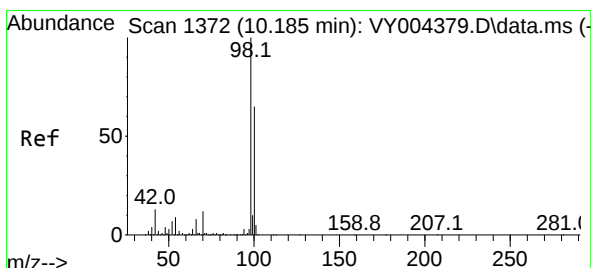
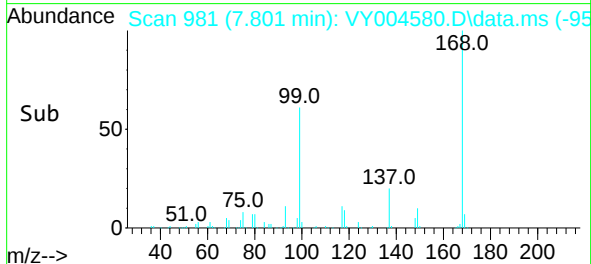
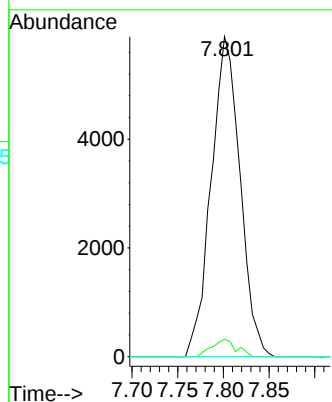


#38
Carbon Tetrachloride
Concen: 6.71 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

Instrument :
MSVOA_Y
ClientSampleId :

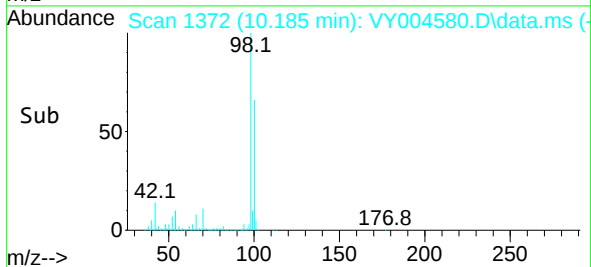
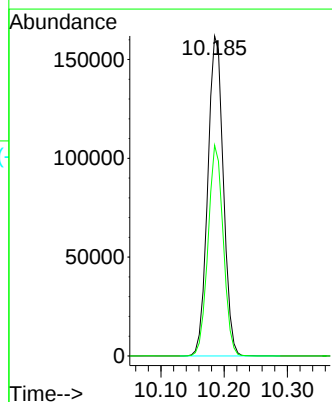
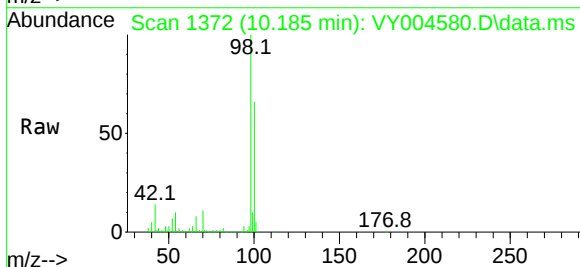


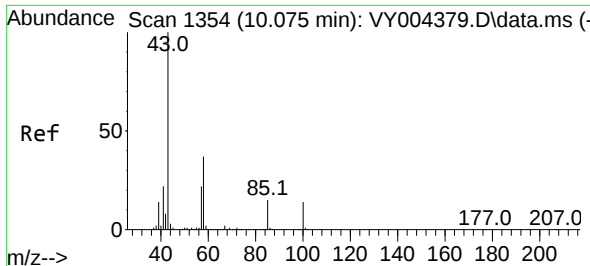
Tgt Ion:117 Resp: 12943
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.28 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

Tgt Ion: 98 Resp: 277095
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

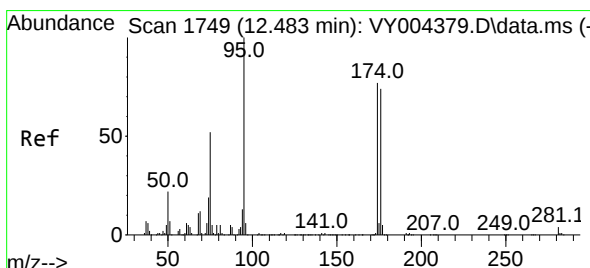
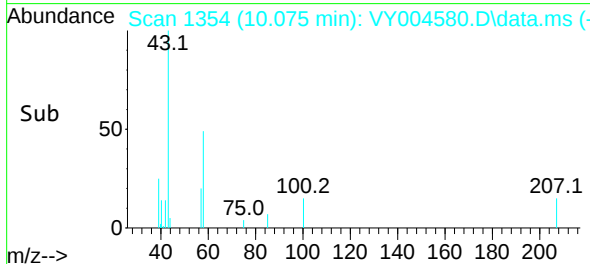
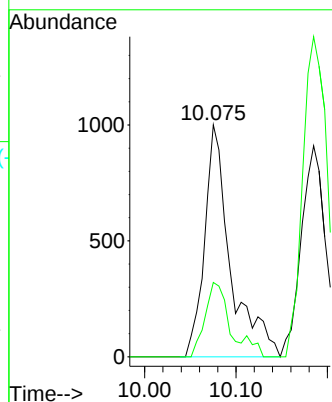
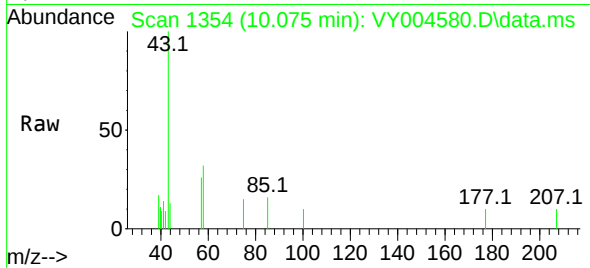




#51
4-Methyl-2-Pentanone
Concen: 1.41 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

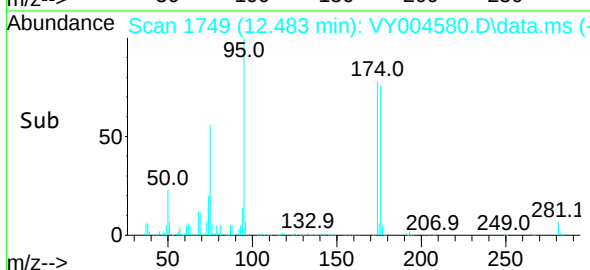
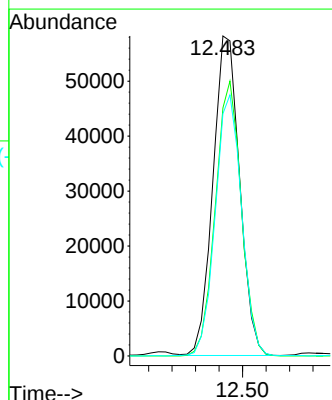
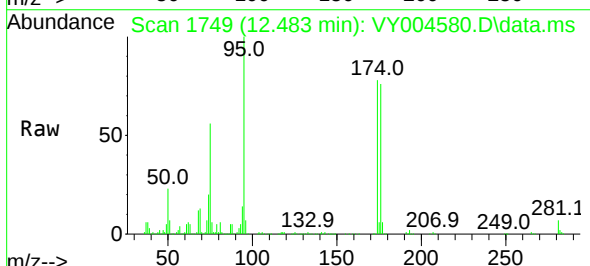
Instrument :
MSVOA_Y
ClientSampled :

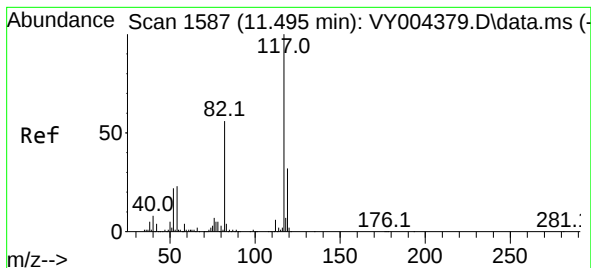
Tgt Ion: 43 Resp: 1973
Ion Ratio Lower Upper
43 100
58 27.7 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 50.93 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

Tgt Ion: 95 Resp: 91597
Ion Ratio Lower Upper
95 100
174 83.4 0.0 162.4
176 80.8 0.0 156.0

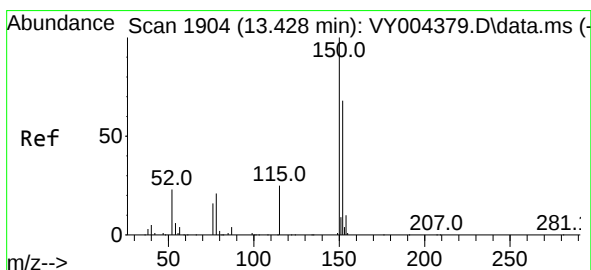
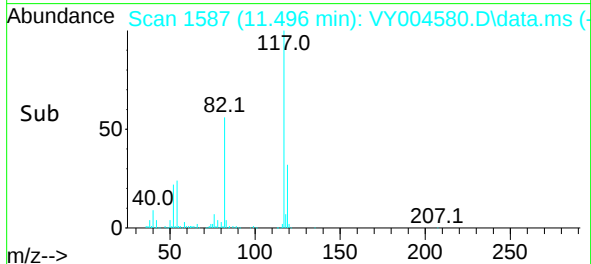
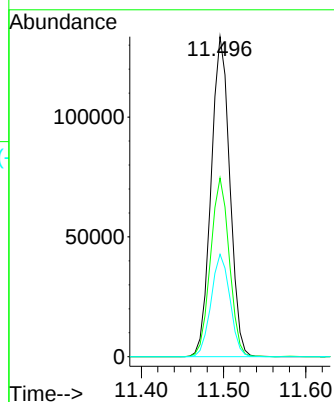
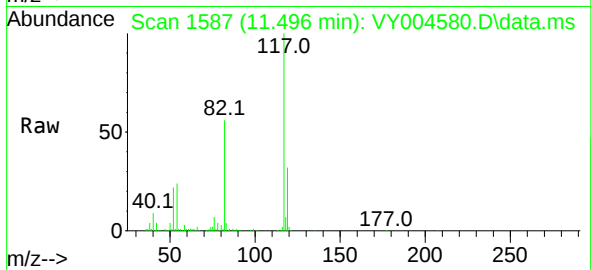




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

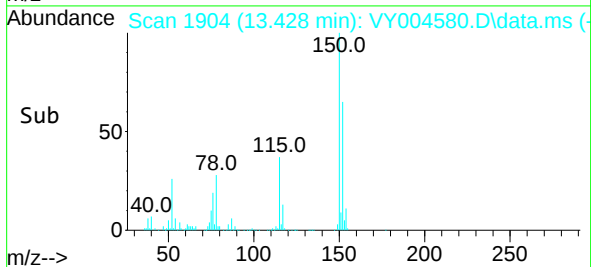
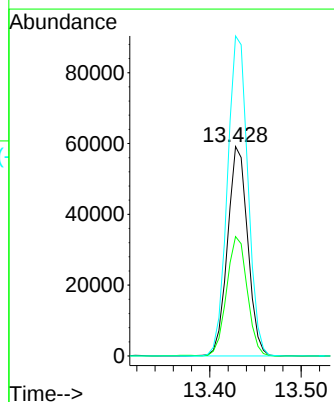
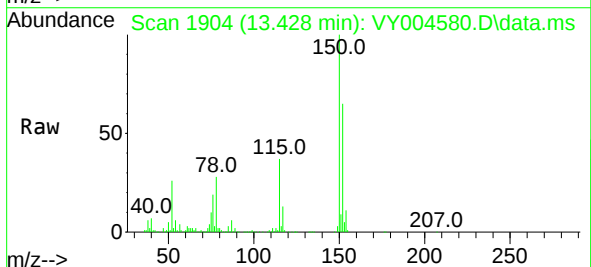
Instrument :
MSVOA_Y
ClientSampled :

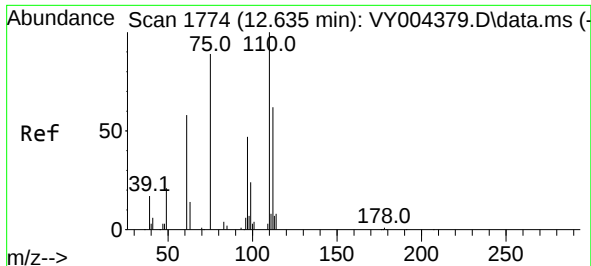
Tgt Ion:117 Resp: 210469
Ion Ratio Lower Upper
117 100
82 55.9 44.9 67.3
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

Tgt Ion:152 Resp: 90711
Ion Ratio Lower Upper
152 100
115 58.2 29.6 88.8
150 154.8 0.0 348.4

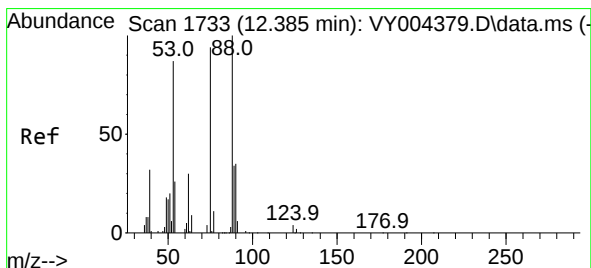
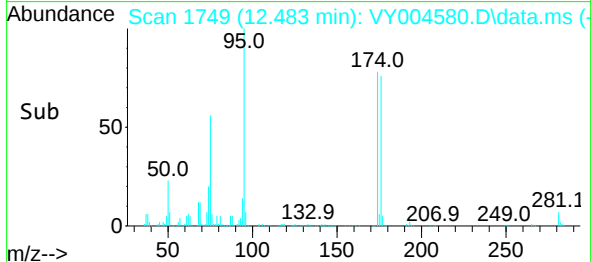
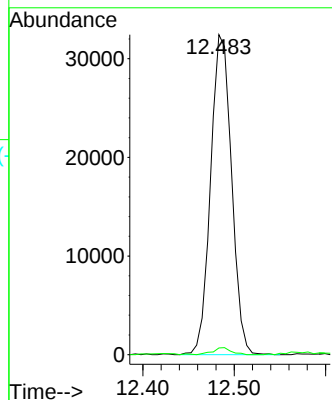
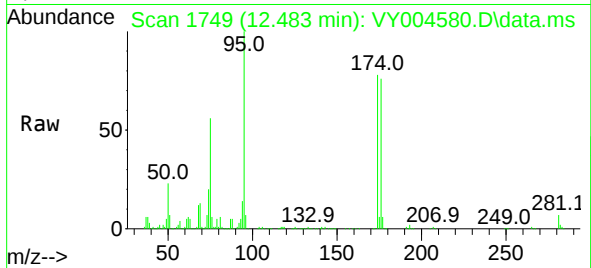




#76
1,2,3-Trichloropropane
Concen: 53.06 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 51662
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.93 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

Tgt Ion: 75 Resp: 51662
Ion Ratio Lower Upper
75 100
53 0.5 75.0 112.6#
89 0.2 36.1 54.1#

