

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050421\
 Data File : VY004707.D
 Acq On : 04 May 2021 12:02
 Operator : SY/MD
 Sample : M2239-01
 Misc : 6.12G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 05 01:32:27 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)

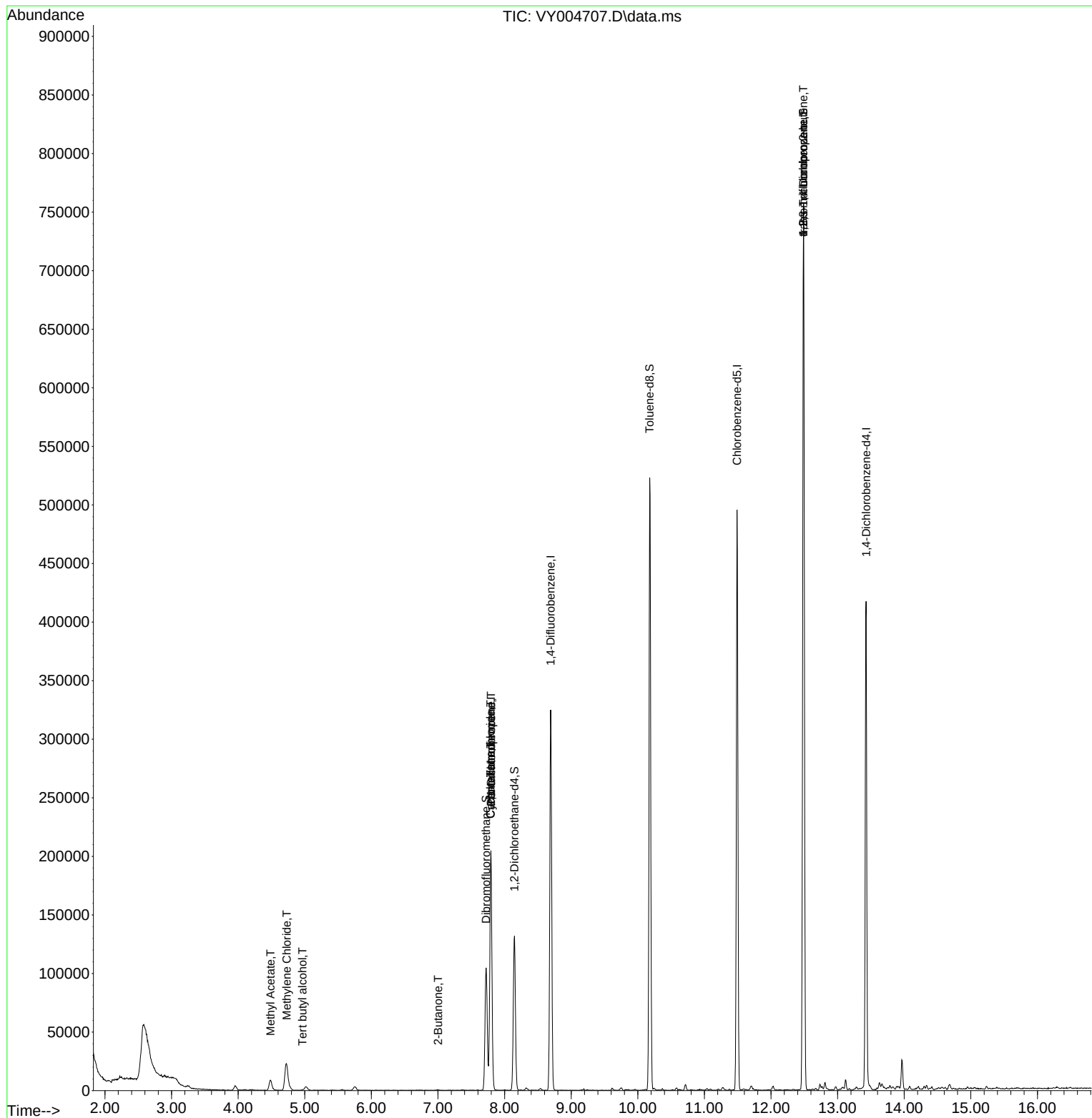
Internal Standards						
1) Pentafluorobenzene	7.795	168	151957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	266467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	248286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102211	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	101320	60.01	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.02%			
35) Dibromofluoromethane	7.722	113	72696	49.16	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.32%			
50) Toluene-d8	10.179	98	329046	52.31	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.62%			
62) 4-Bromofluorobenzene	12.483	95	107842	50.52	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.04%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	766	4.60	ug/l #	73
16) Acetone	3.954	43	6309	Below Cal		93
18) Methyl Acetate	4.485	43	17209	14.63	ug/l	100
20) Methylene Chloride	4.728	84	16362	10.03	ug/l	98
25) 2-Butanone	7.002	43	905	1.41	ug/l #	50
31) Cyclohexane	7.789	56	3730	1.21	ug/l #	13
36) 1,1-Dichloropropene	7.795	75	12418	4.69	ug/l #	51
38) Carbon Tetrachloride	7.789	117	15430	6.74	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	64866	59.13	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	64866	105.78	ug/l #	13

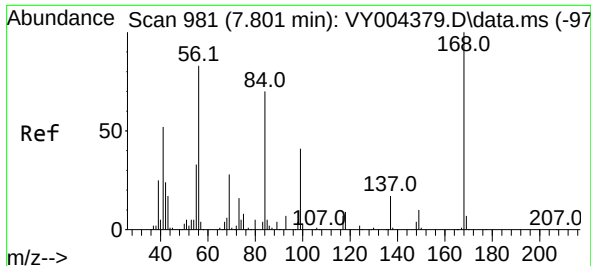
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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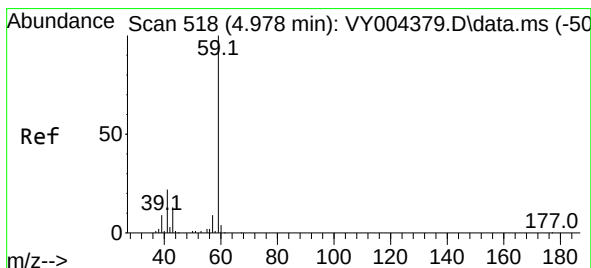
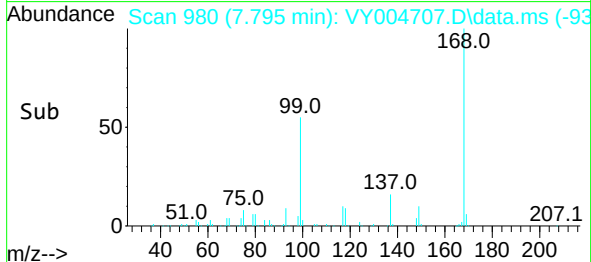
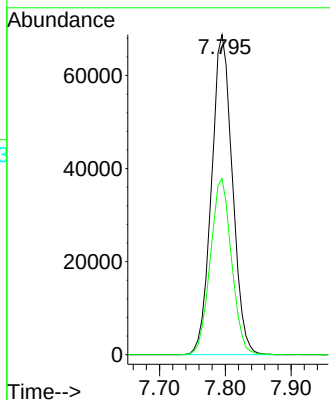
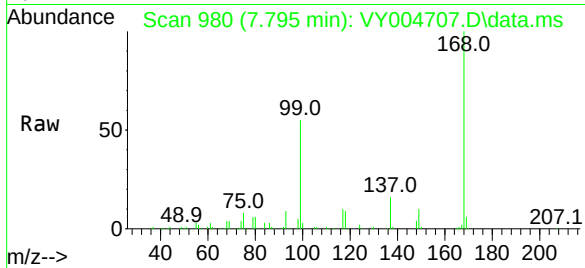




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004707.D
Acq: 04 May 2021 12:02

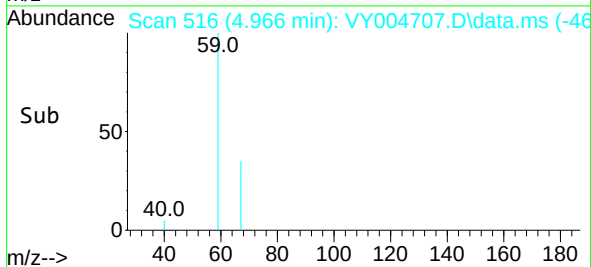
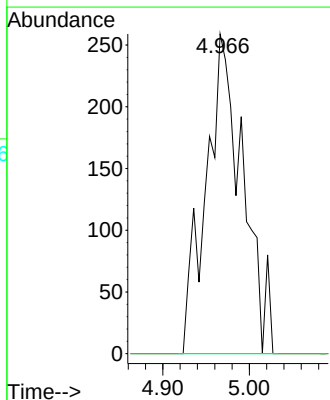
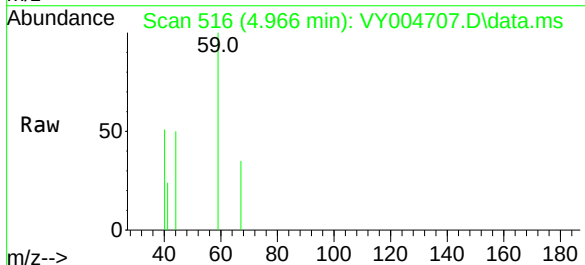
Instrument :
MSVOA_Y
ClientSampled :

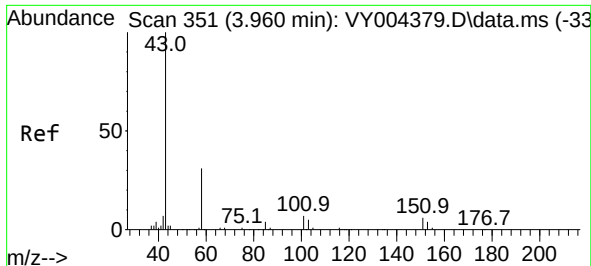
Tgt Ion:168 Resp: 151957
Ion Ratio Lower Upper
168 100
99 55.0 45.5 68.3



#11
Tert butyl alcohol
Concen: 4.60 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004707.D
Acq: 04 May 2021 12:02

Tgt Ion: 59 Resp: 766
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

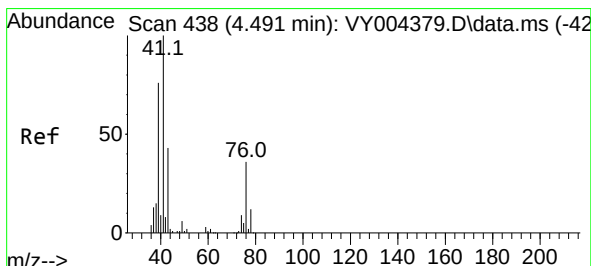
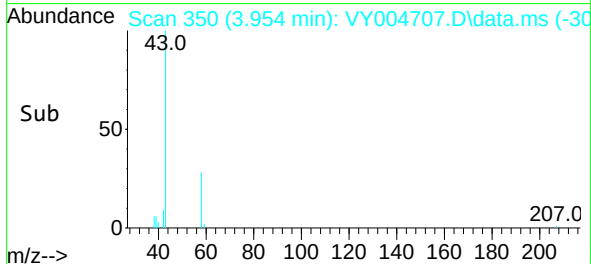
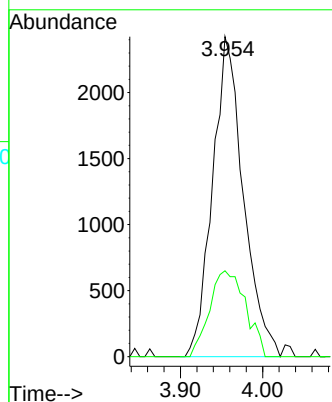
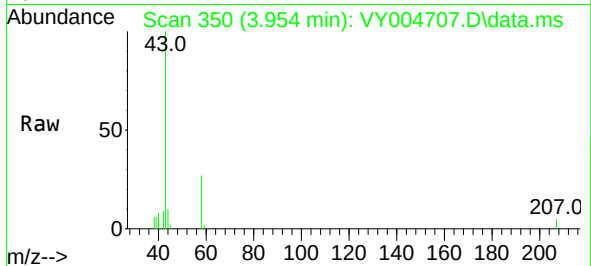




#16
Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004707.D
Acq: 04 May 2021 12:02

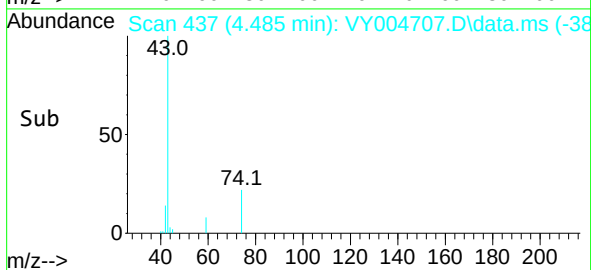
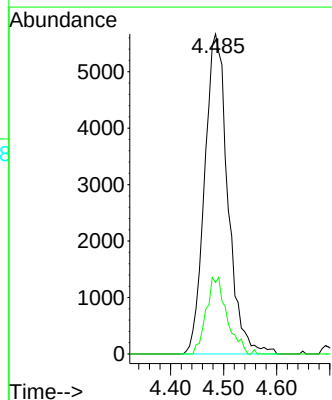
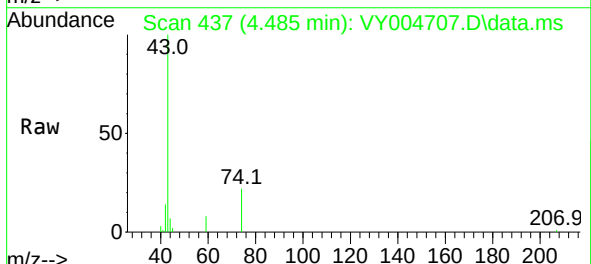
Instrument :
MSVOA_Y
ClientSampled :

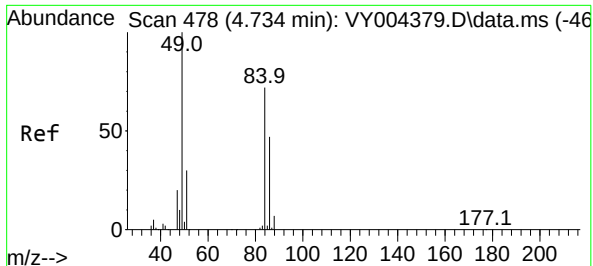
Tgt Ion: 43 Resp: 6309
Ion Ratio Lower Upper
43 100
58 26.8 24.6 37.0



#18
Methyl Acetate
Concen: 14.63 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY004707.D
Acq: 04 May 2021 12:02

Tgt Ion: 43 Resp: 17209
Ion Ratio Lower Upper
43 100
74 21.3 17.2 25.8





#20

Methylene Chloride

Concen: 10.03 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.006 min

Lab File: VY004707.D

Acq: 04 May 2021 12:02

Tgt Ion: 84 Resp: 16362

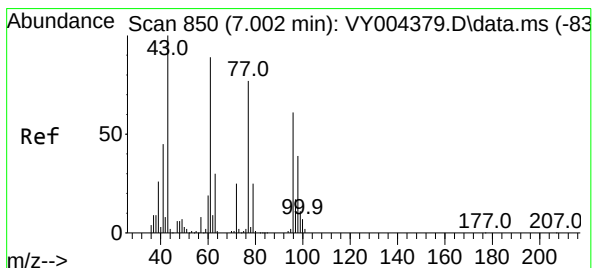
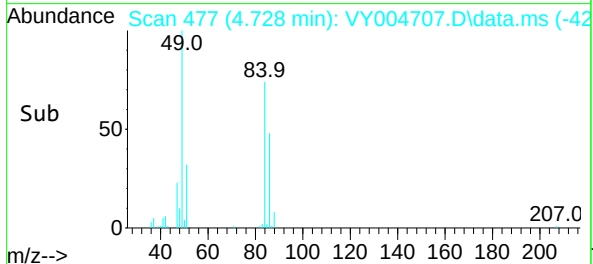
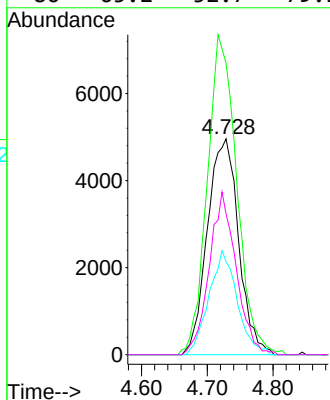
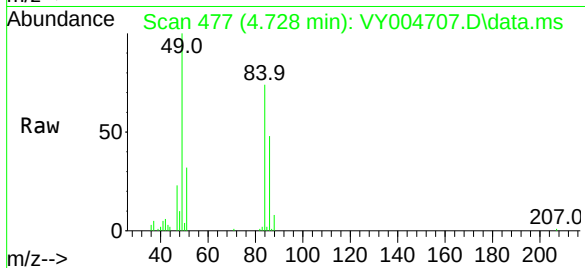
Ion Ratio Lower Upper

84 100

49 134.9 111.2 166.8

51 43.2 33.4 50.2

86 65.2 52.7 79.1



#25

2-Butanone

Concen: 1.41 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY004707.D

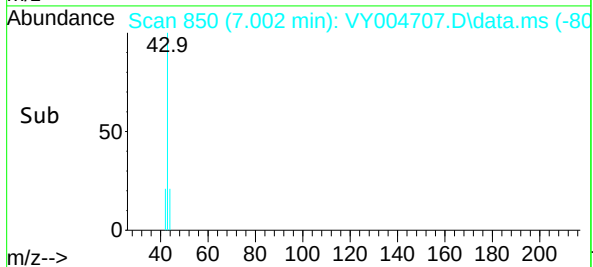
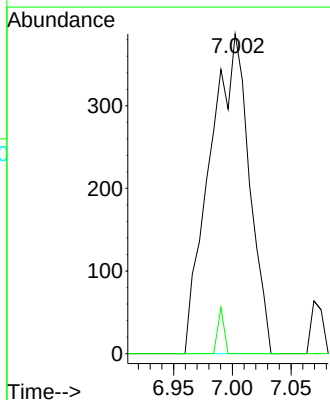
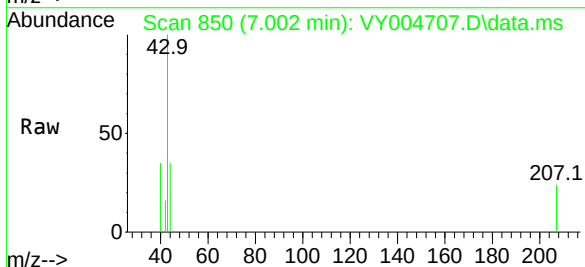
Acq: 04 May 2021 12:02

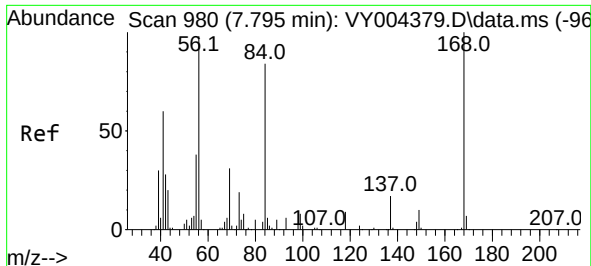
Tgt Ion: 43 Resp: 905

Ion Ratio Lower Upper

43 100

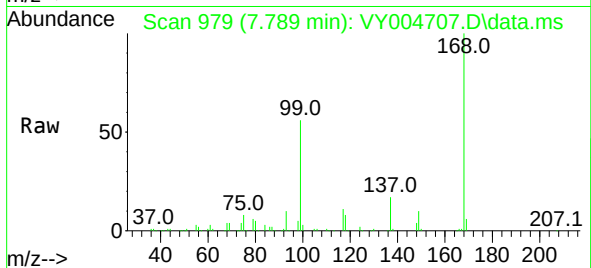
72 0.0 20.2 30.2#



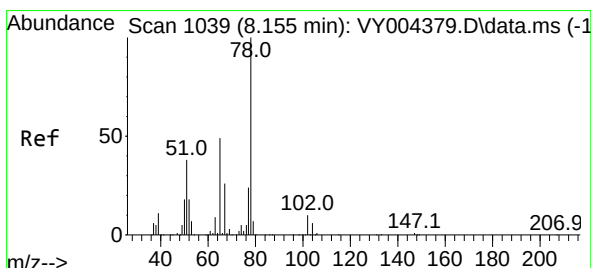
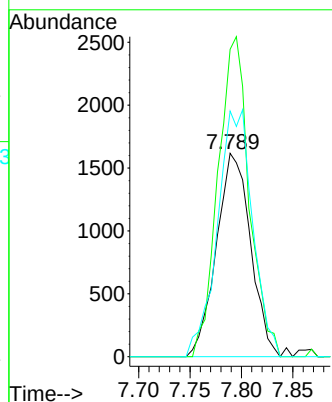
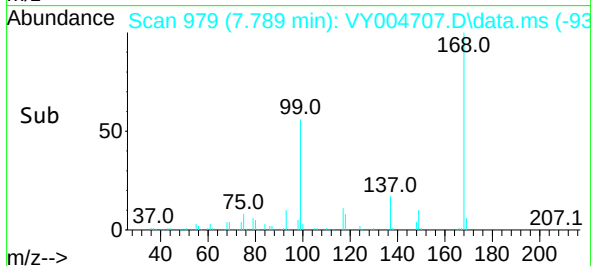


#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004707.D
Acq: 04 May 2021 12:02

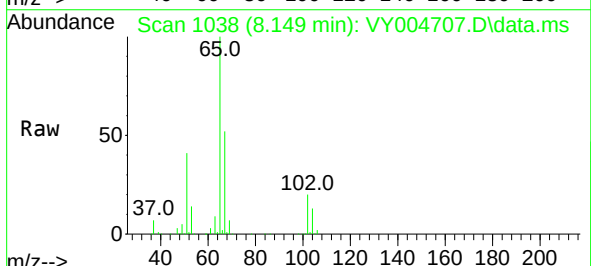
Instrument :
MSVOA_Y
ClientSampleId :



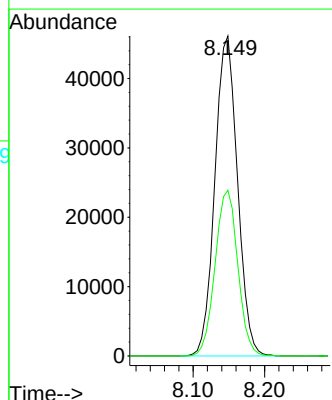
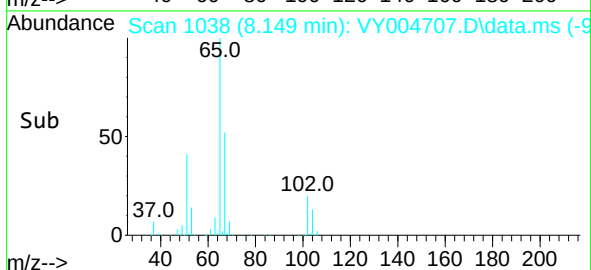
Tgt Ion: 56 Resp: 3730
Ion Ratio Lower Upper
56 100
69 151.2 25.8 38.6#
84 120.8 68.2 102.4#

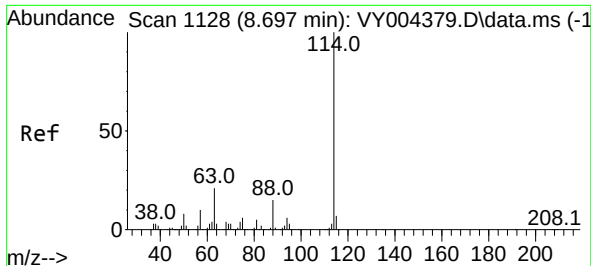


#33
1,2-Dichloroethane-d4
Concen: 60.01 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004707.D
Acq: 04 May 2021 12:02



Tgt Ion: 65 Resp: 101320
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.4

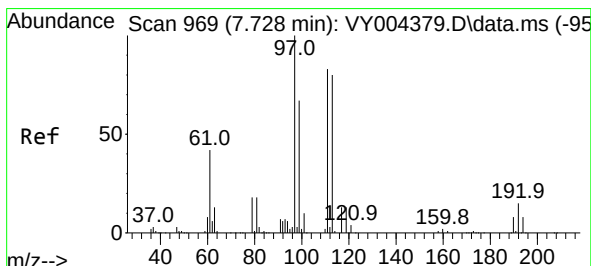
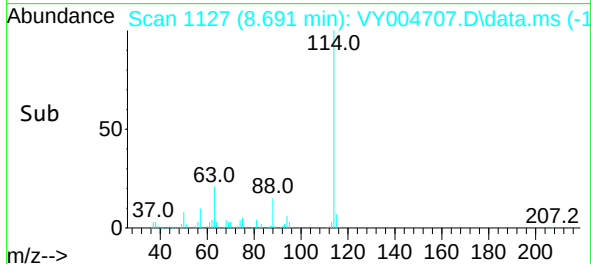
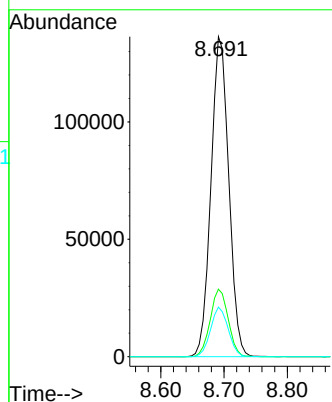
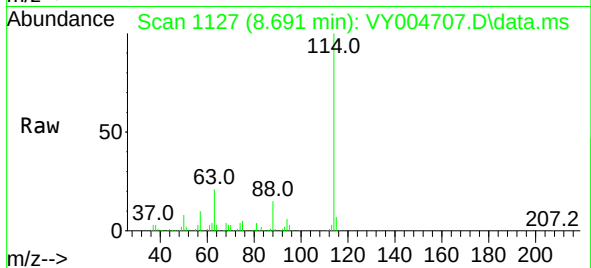




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004707.D
Acq: 04 May 2021 12:02

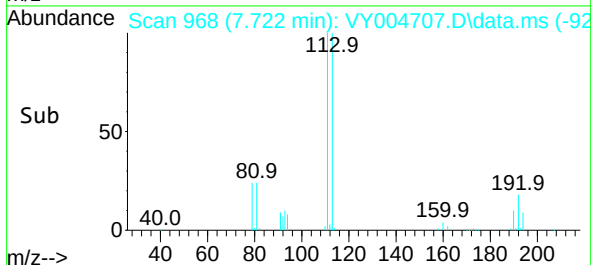
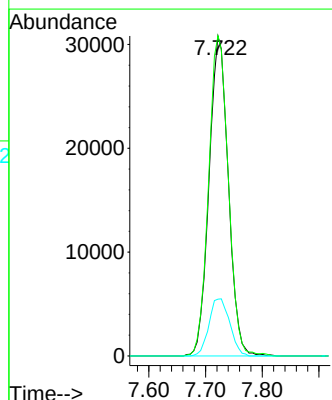
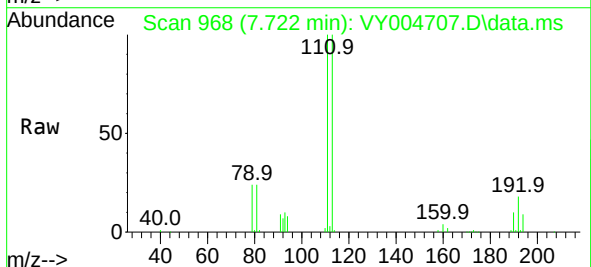
Instrument :
MSVOA_Y
ClientSampled :

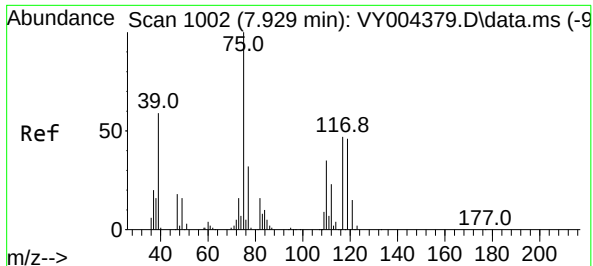
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.4
88	15.5	0.0	30.8



#35
Dibromofluoromethane
Concen: 49.16 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004707.D
Acq: 04 May 2021 12:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	19.2	16.1	24.1





#36

1,1-Dichloropropene

Concen: 4.69 ug/l

RT: 7.795 min Scan# 980

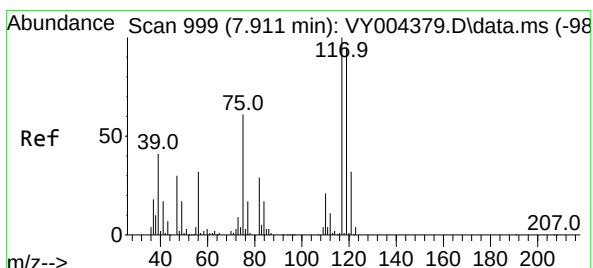
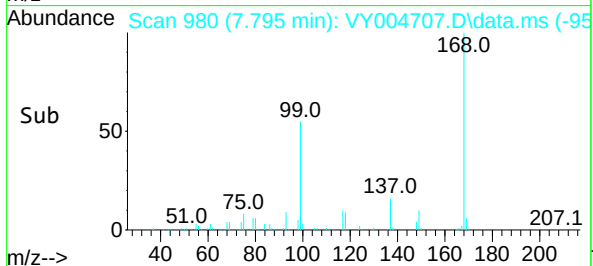
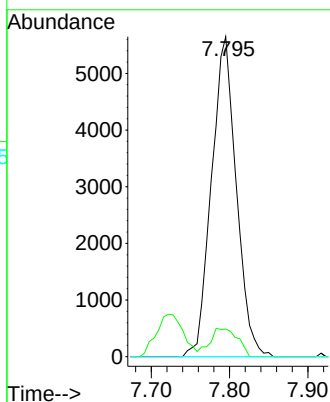
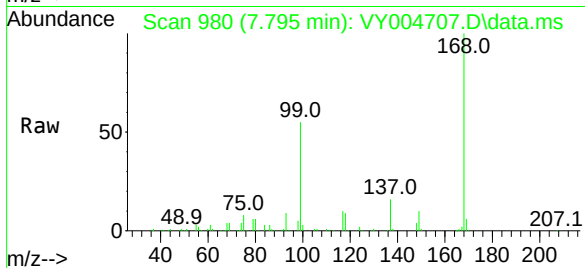
Delta R.T. -0.134 min

Lab File: VY004707.D

Acq: 04 May 2021 12:02

Tgt Ion:	75	Resp:	12418
Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.3	51.7#
77	0.0	24.3	36.5#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.74 ug/l

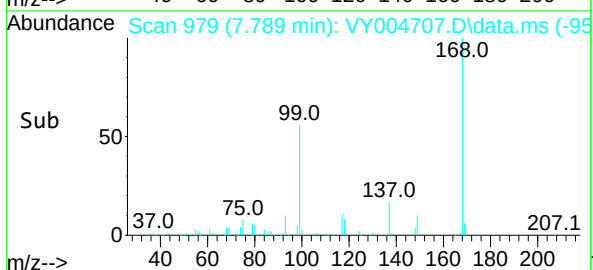
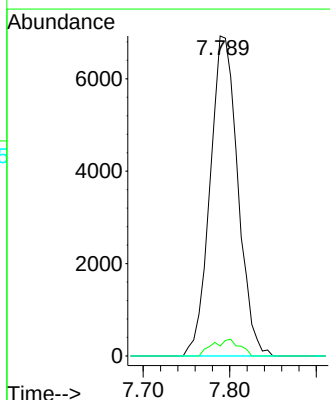
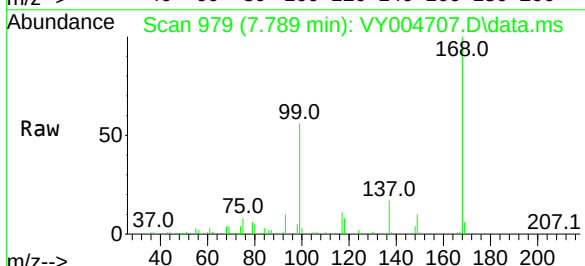
RT: 7.789 min Scan# 979

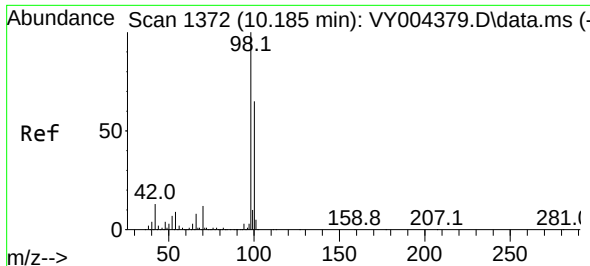
Delta R.T. -0.122 min

Lab File: VY004707.D

Acq: 04 May 2021 12:02

Tgt Ion:	117	Resp:	15430
Ion	Ratio	Lower	Upper
117	100		
119	3.1	75.8	113.8#
121	0.0	25.3	37.9#

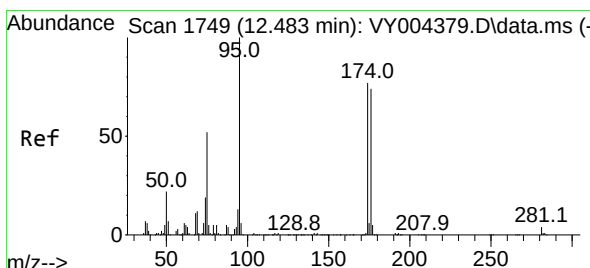
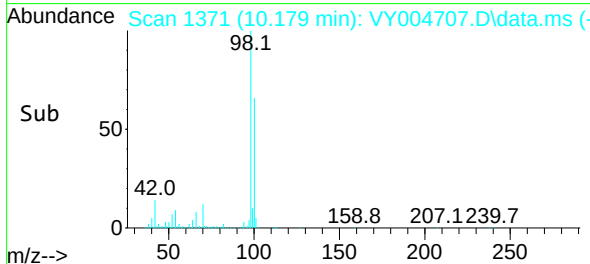
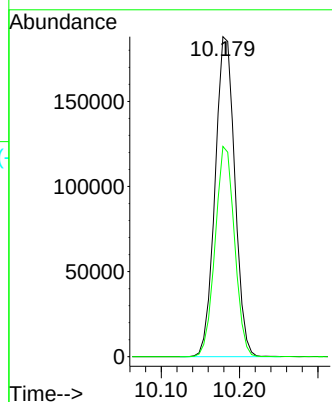
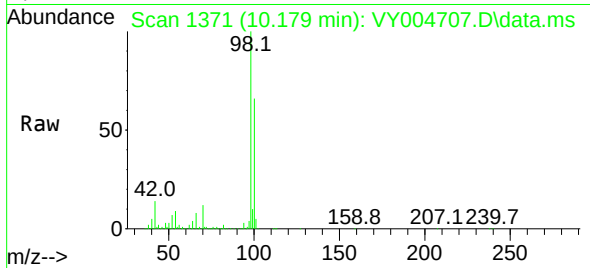




#50
Toluene-d8
Concen: 52.31 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004707.D
Acq: 04 May 2021 12:02

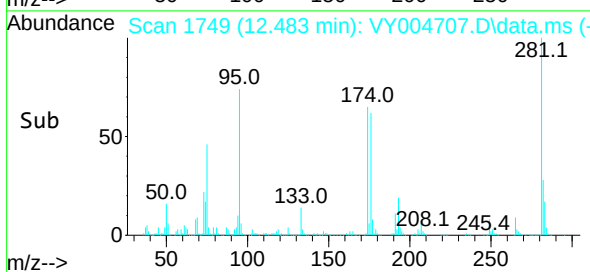
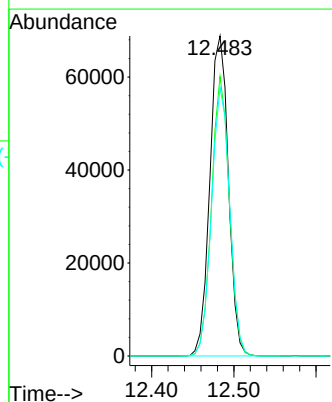
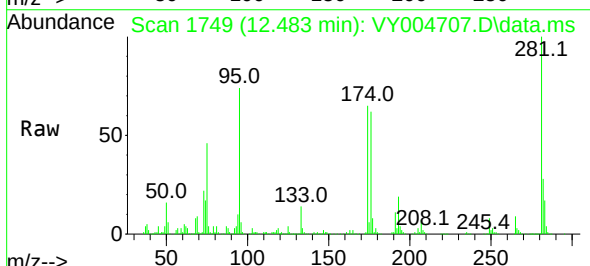
Instrument :
MSVOA_Y
ClientSampled :

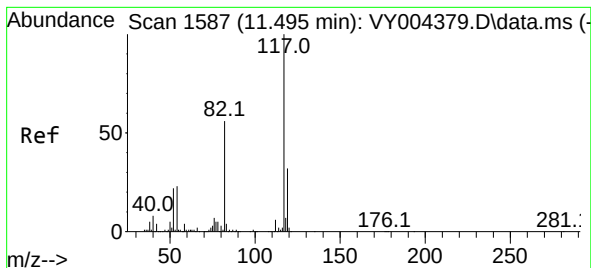
Tgt Ion: 98 Resp: 329046
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.52 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004707.D
Acq: 04 May 2021 12:02

Tgt Ion: 95 Resp: 107842
Ion Ratio Lower Upper
95 100
174 84.0 0.0 162.4
176 82.8 0.0 156.0

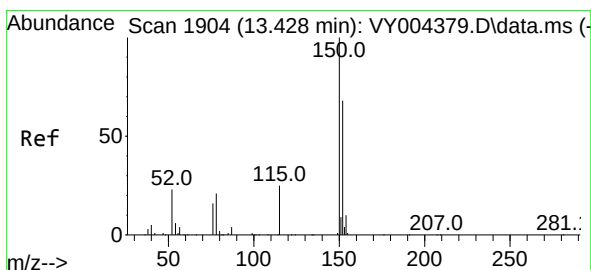
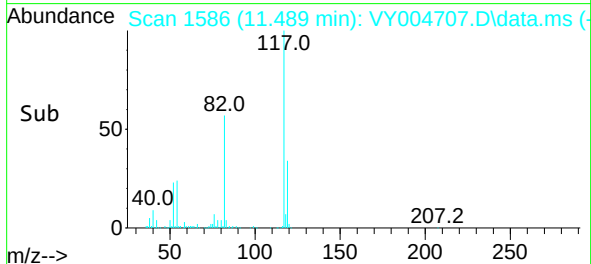
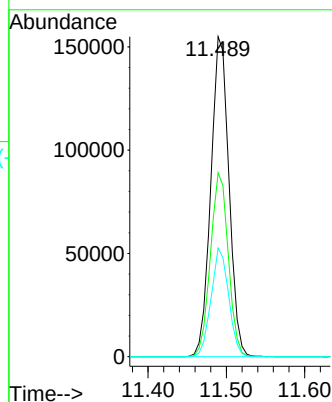
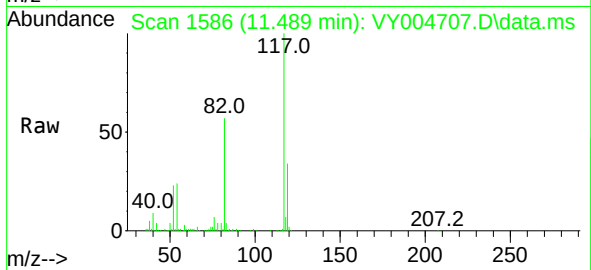




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004707.D
Acq: 04 May 2021 12:02

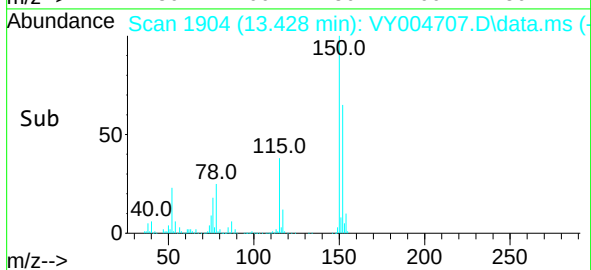
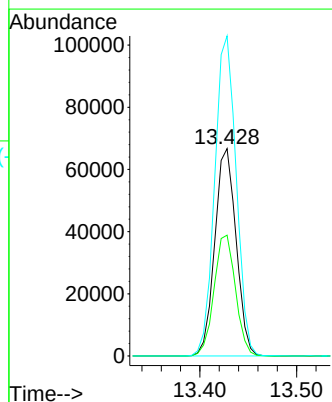
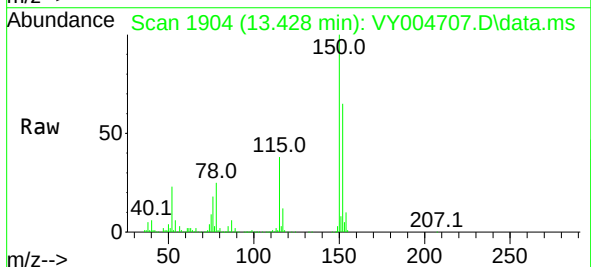
Instrument :
MSVOA_Y
ClientSampled :

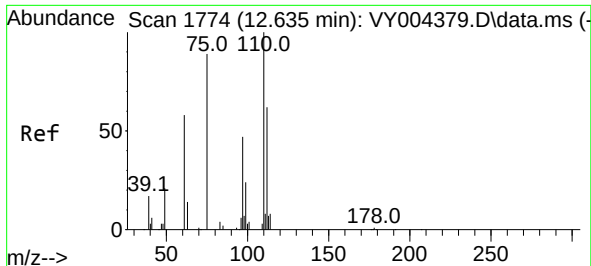
Tgt Ion:117 Resp: 248286
Ion Ratio Lower Upper
117 100
82 57.5 44.9 67.3
119 34.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004707.D
Acq: 04 May 2021 12:02

Tgt Ion:152 Resp: 102211
Ion Ratio Lower Upper
152 100
115 58.6 29.6 88.8
150 155.2 0.0 348.4

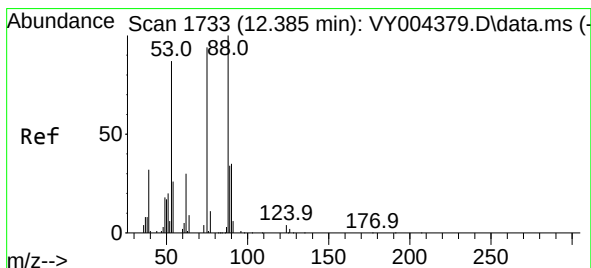
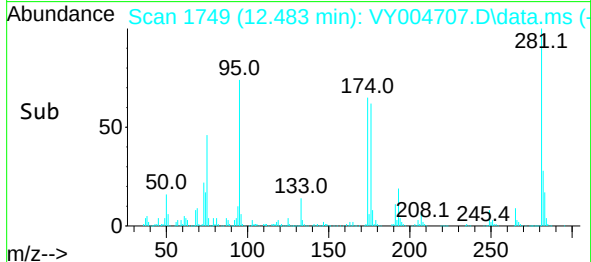
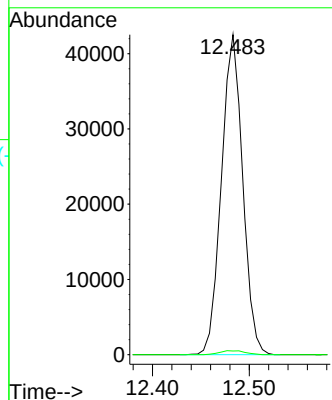
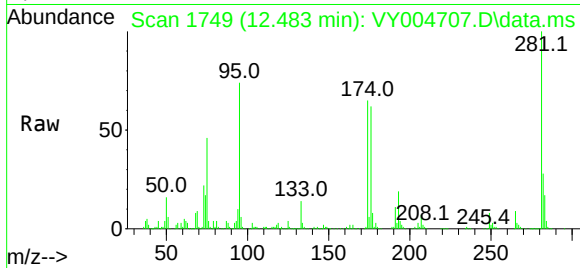




#76
1,2,3-Trichloropropane
Concen: 59.13 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004707.D
Acq: 04 May 2021 12:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 64866
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.78 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004707.D
Acq: 04 May 2021 12:02

Tgt Ion: 75 Resp: 64866
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 2.6 36.1 54.1#

