

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004608.D
 Acq On : 23 Apr 2021 16:22
 Operator : SY/MD
 Sample : M2149-04
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 26 10:19:50 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	74852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	120327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	97766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	38560	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	36136	43.45	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.90%
35) Dibromofluoromethane	7.728	113	34557	51.75	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.50%
50) Toluene-d8	10.185	98	142925	50.32	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.64%
62) 4-Bromofluorobenzene	12.483	95	39409	40.89	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.78%

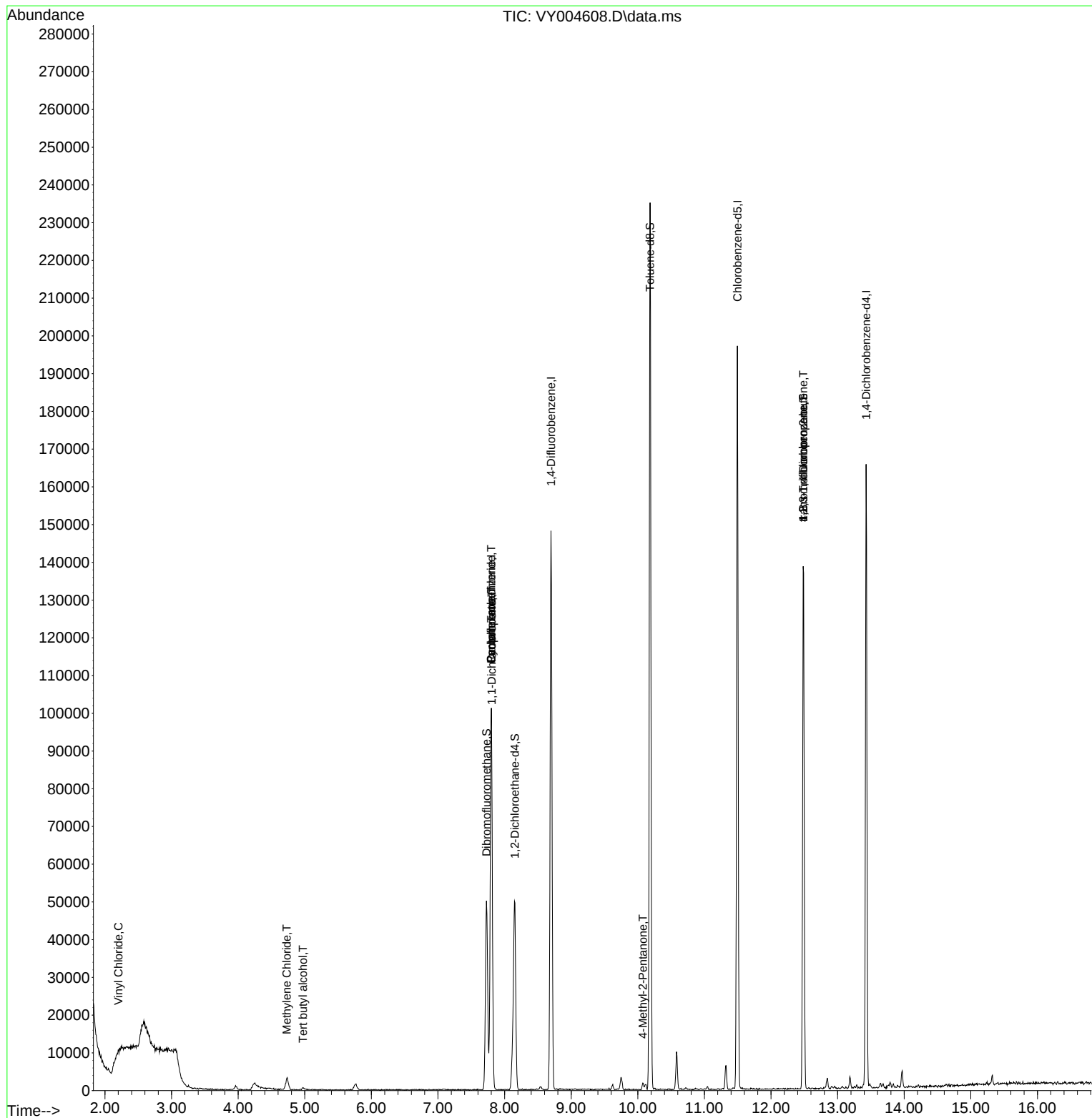
Target Compounds						Qvalue
4) Vinyl Chloride	2.205	62	4443	4.20	ug/l #	43
11) Tert butyl alcohol	4.972	59	1040	12.69	ug/l #	81
16) Acetone	3.960	43	1773	Below Cal	#	64
20) Methylene Chloride	4.729	84	2044	2.54	ug/l #	82
31) Cyclohexane	7.801	56	1939	1.27	ug/l #	22
36) 1,1-Dichloropropene	7.807	75	6201	5.19	ug/l #	51
38) Carbon Tetrachloride	7.801	117	7933	7.67	ug/l #	17
51) 4-Methyl-2-Pentanone	10.075	43	1571	2.10	ug/l #	85
76) 1,2,3-Trichloropropane	12.483	75	21740	52.53	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	21740	93.97	ug/l #	12

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

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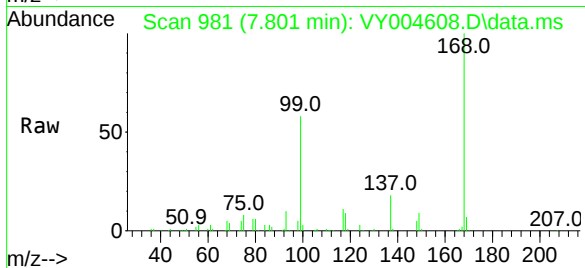
Quant Time: Apr 26 10:19:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
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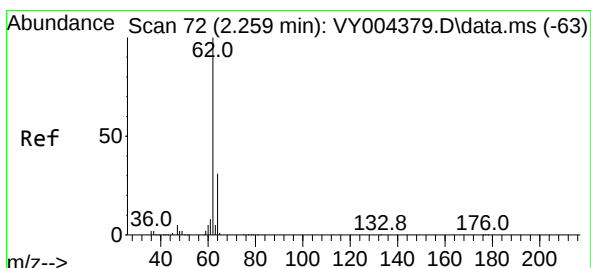
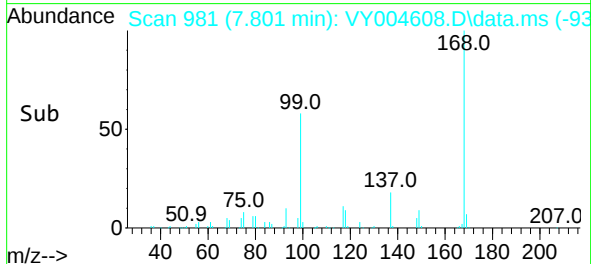
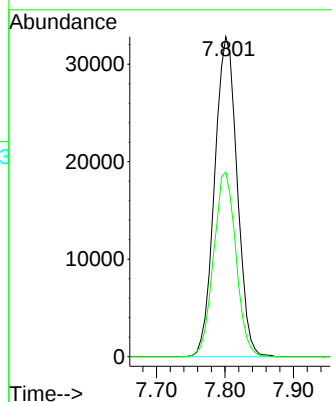


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004608.D
Acq: 23 Apr 2021 16:22

Instrument :
MSVOA_Y
ClientSampled :

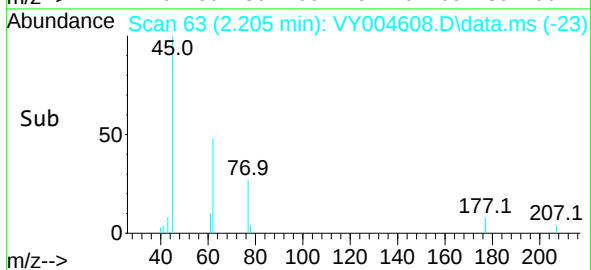
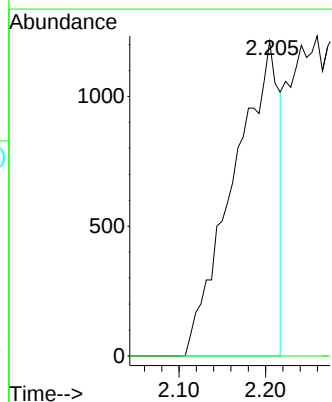
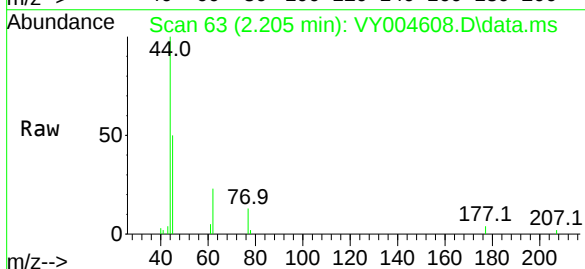


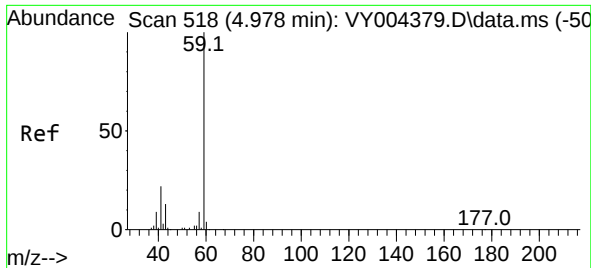
Tgt Ion:168 Resp: 74852
Ion Ratio Lower Upper
168 100
99 57.7 45.5 68.3



#4
Vinyl Chloride
Concen: 4.20 ug/l
RT: 2.205 min Scan# 63
Delta R.T. -0.055 min
Lab File: VY004608.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 62 Resp: 4443
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

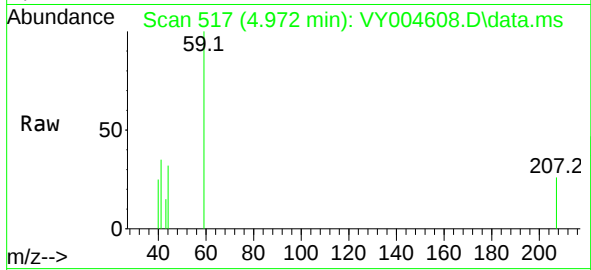




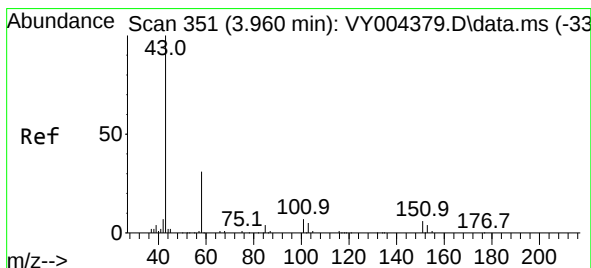
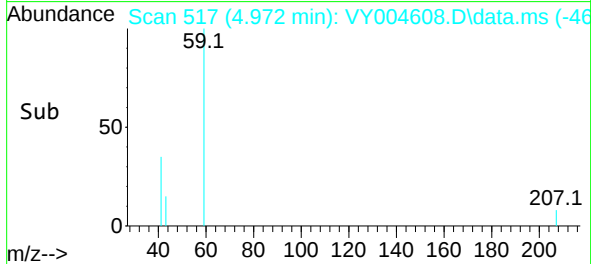
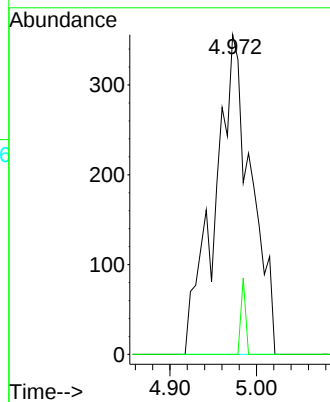
#11

Tert butyl alcohol
Concen: 12.69 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004608.D
Acq: 23 Apr 2021 16:22

Instrument :
MSVOA_Y
ClientSampled :



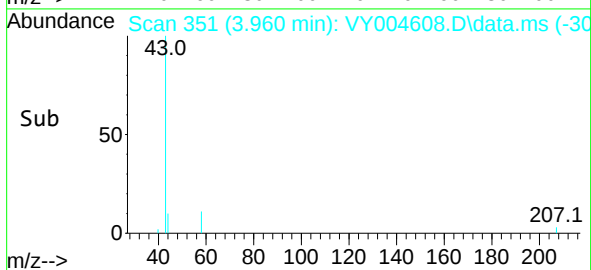
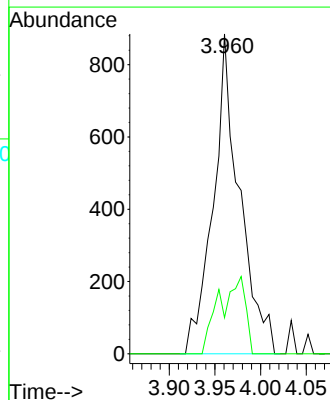
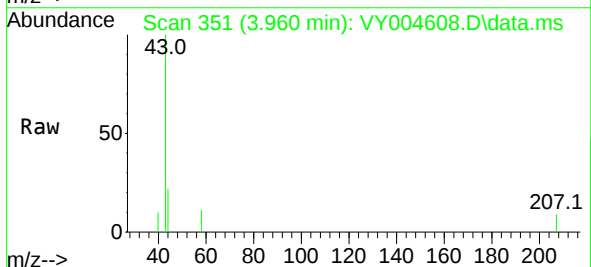
Tgt Ion: 59 Resp: 1040
Ion Ratio Lower Upper
59 100
57 3.0 8.1 12.1#

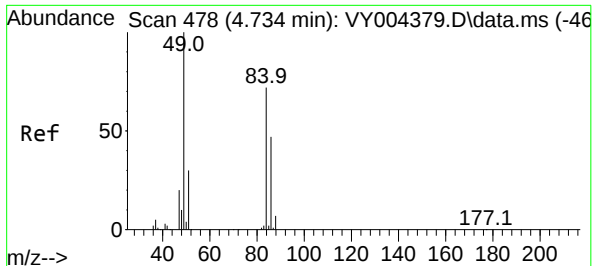


#16

Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004608.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 43 Resp: 1773
Ion Ratio Lower Upper
43 100
58 11.3 24.6 37.0#





#20

Methylene Chloride

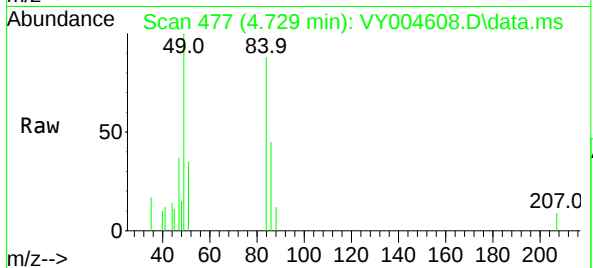
Concen: 2.54 ug/l

RT: 4.729 min Scan# 477

Delta R.T. -0.006 min

Lab File: VY004608.D

Acq: 23 Apr 2021 16:22



Tgt Ion: 84 Resp: 2044

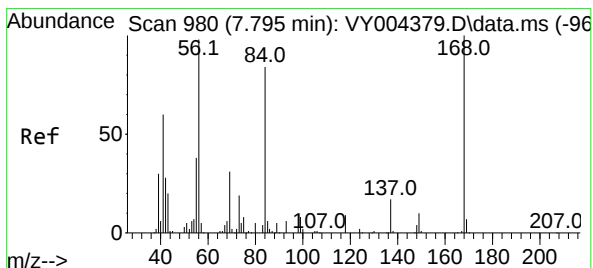
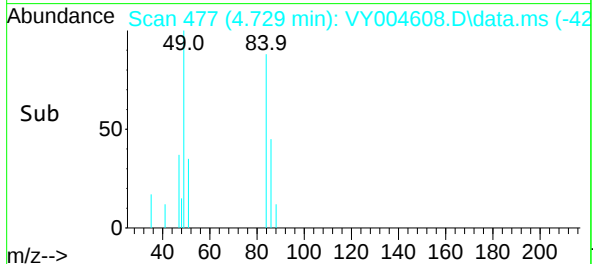
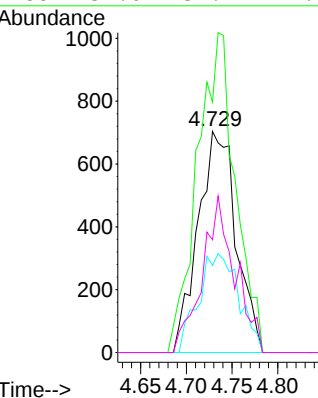
Ion Ratio Lower Upper

84 100

49 113.2 111.2 166.8

51 39.3 33.4 50.2

86 51.0 52.7 79.1#



#31

Cyclohexane

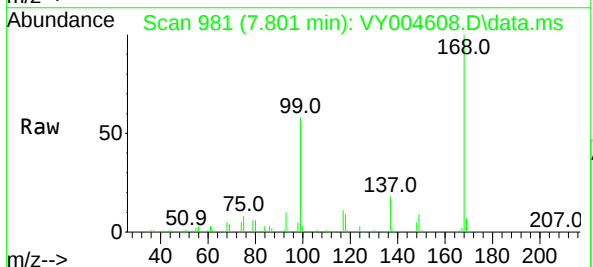
Concen: 1.27 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY004608.D

Acq: 23 Apr 2021 16:22



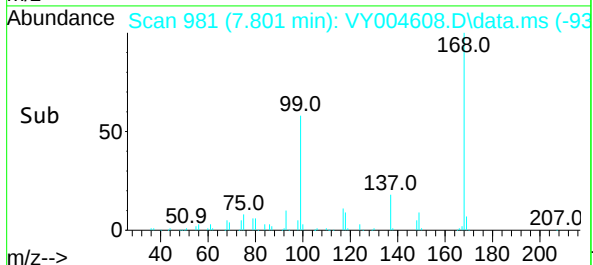
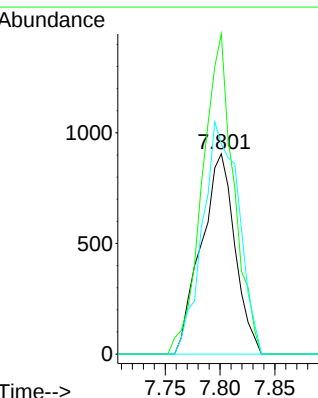
Tgt Ion: 56 Resp: 1939

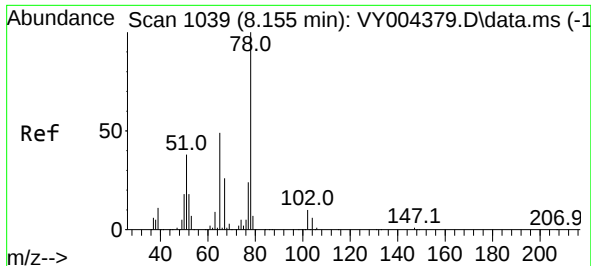
Ion Ratio Lower Upper

56 100

69 159.9 25.8 38.6#

84 105.0 68.2 102.4#

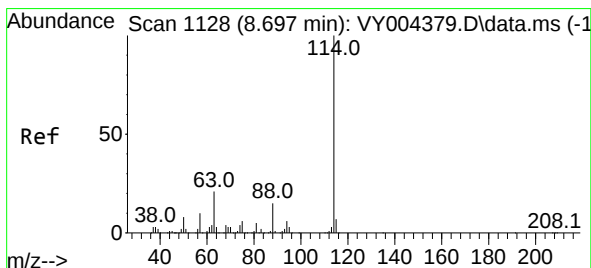
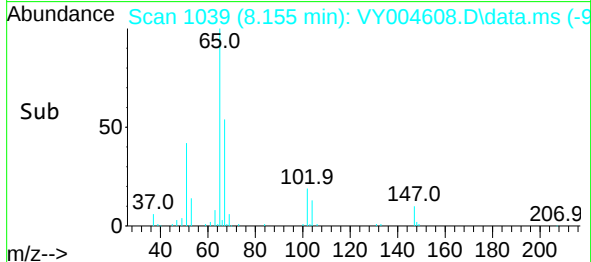
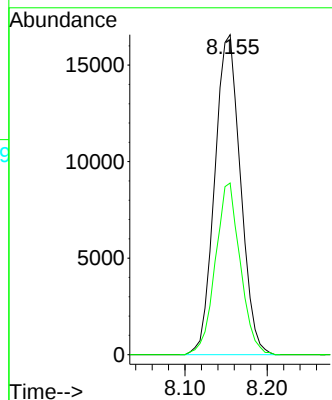
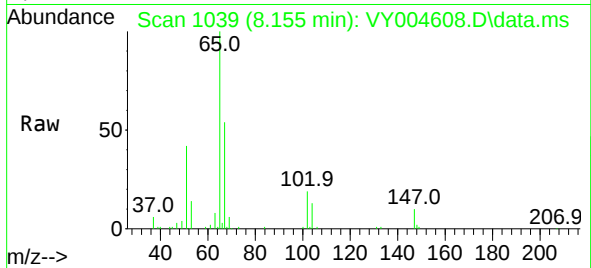




#33
1,2-Dichloroethane-d4
Concen: 43.45 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004608.D
Acq: 23 Apr 2021 16:22

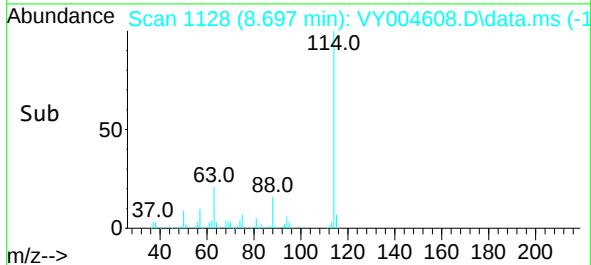
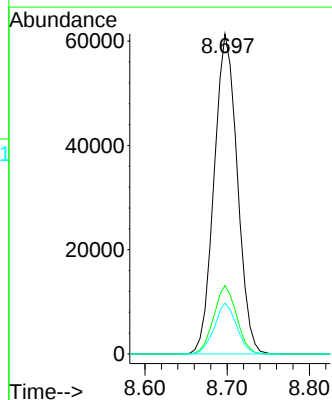
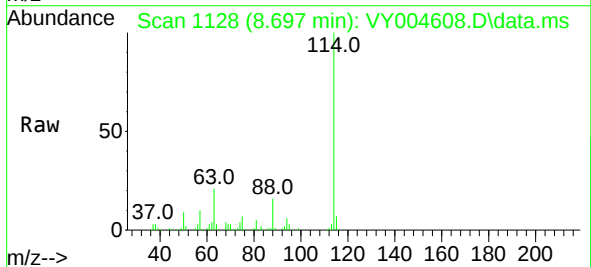
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 65 Resp: 36136
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004608.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 114 Resp: 120327
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.4
88 15.9 0.0 30.8

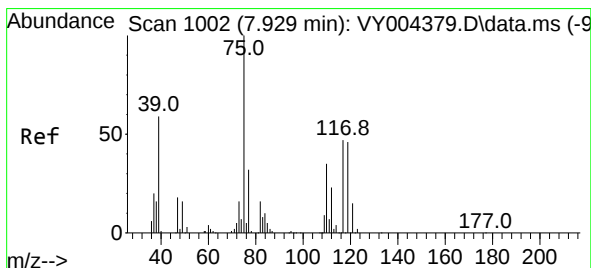
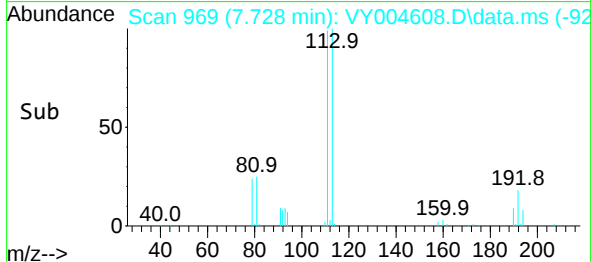
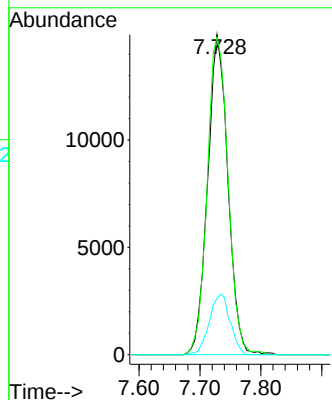
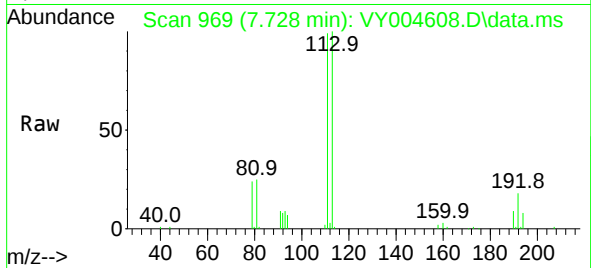




#35
Dibromofluoromethane
Concen: 51.75 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004608.D
Acq: 23 Apr 2021 16:22

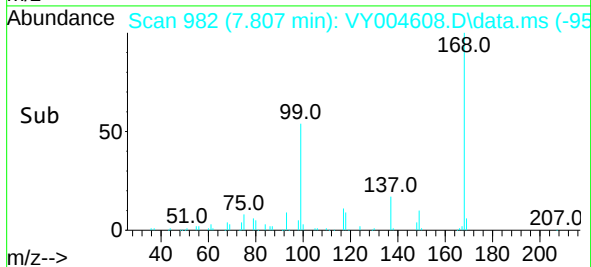
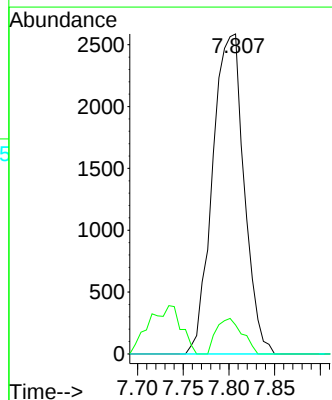
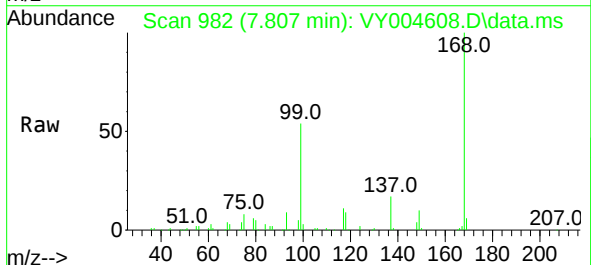
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:113 Resp: 34557
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 19.2 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.19 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY004608.D
Acq: 23 Apr 2021 16:22

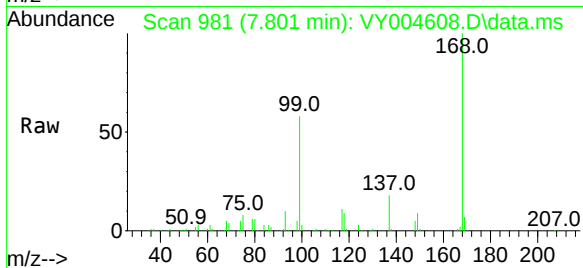
Tgt Ion: 75 Resp: 6201
Ion Ratio Lower Upper
75 100
110 9.1 17.3 51.7#
77 0.0 24.3 36.5#



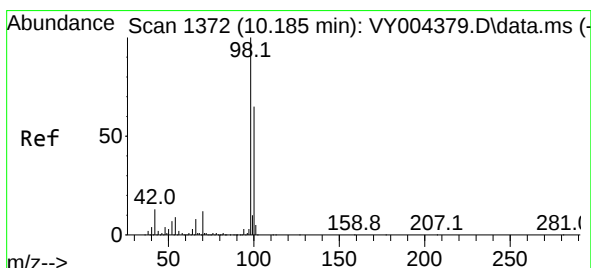
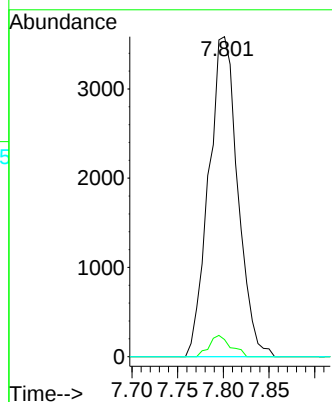
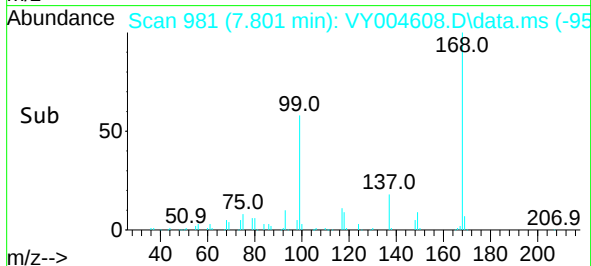


#38
Carbon Tetrachloride
Concen: 7.67 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004608.D
Acq: 23 Apr 2021 16:22

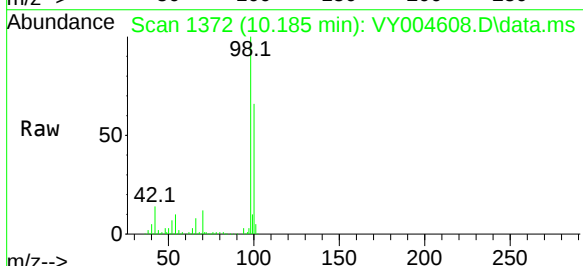
Instrument :
MSVOA_Y
ClientSampled :



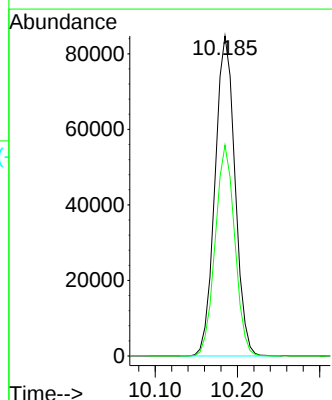
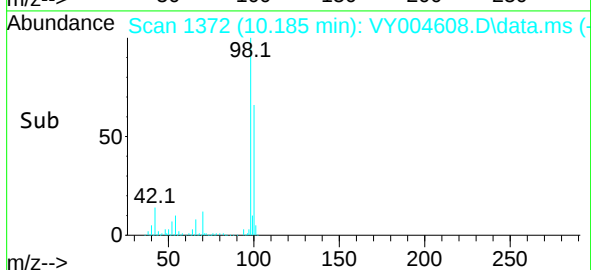
Tgt Ion: 117 Resp: 7933
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 25.3 37.9#

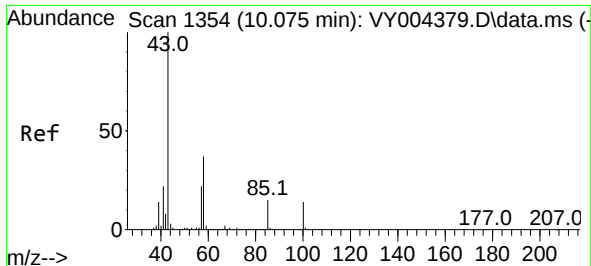


#50
Toluene-d8
Concen: 50.32 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004608.D
Acq: 23 Apr 2021 16:22



Tgt Ion: 98 Resp: 142925
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

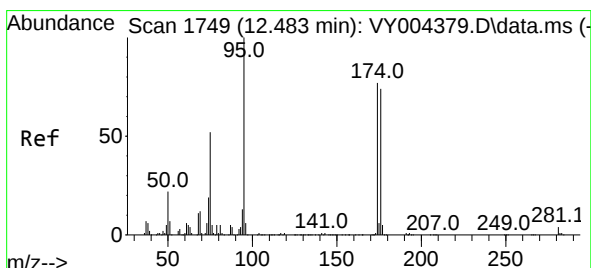
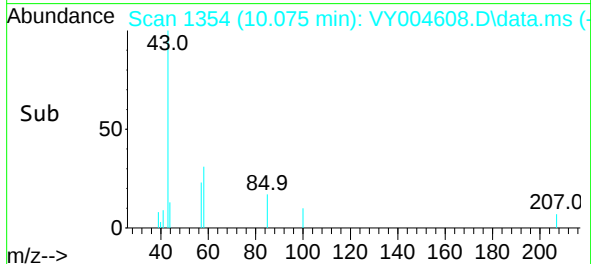
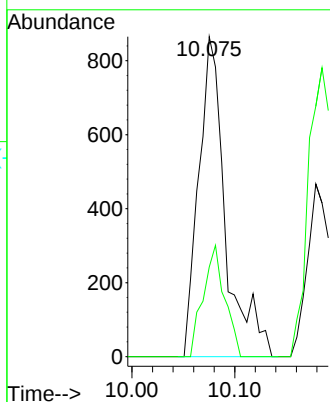
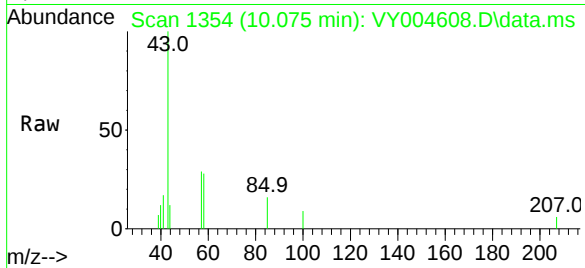




#51
4-Methyl-2-Pentanone
Concen: 2.10 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004608.D
Acq: 23 Apr 2021 16:22

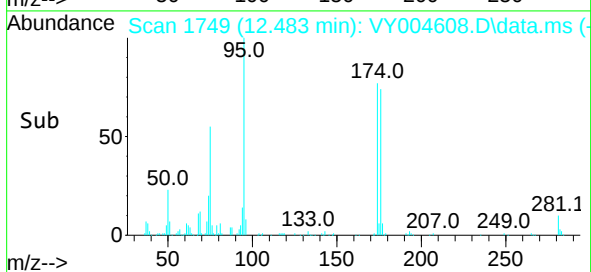
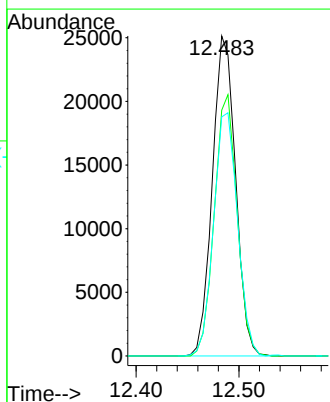
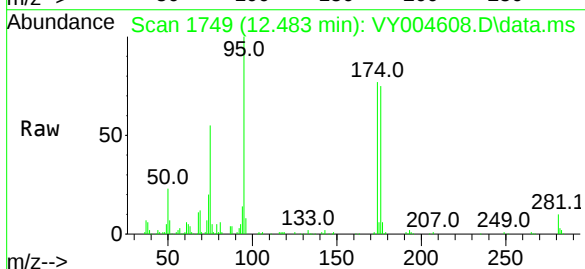
Instrument :
MSVOA_Y
ClientSampled :

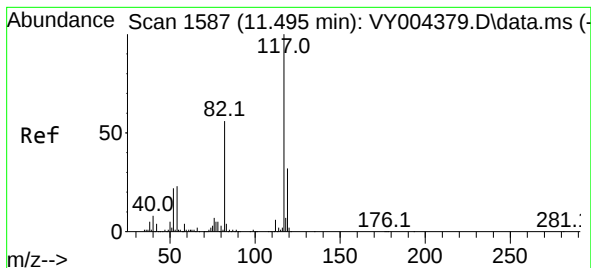
Tgt Ion: 43 Resp: 1571
Ion Ratio Lower Upper
43 100
58 27.9 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 40.89 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004608.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 95 Resp: 39409
Ion Ratio Lower Upper
95 100
174 79.8 0.0 162.4
176 78.4 0.0 156.0

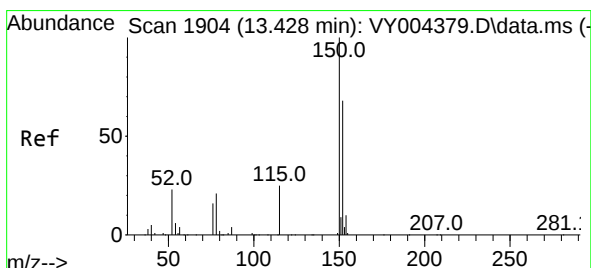
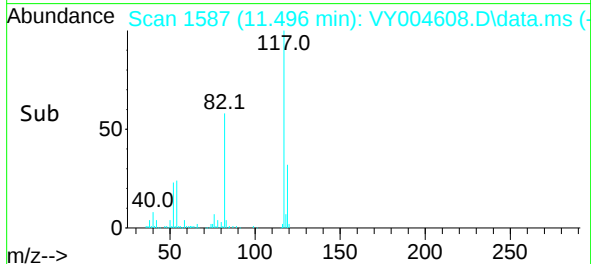
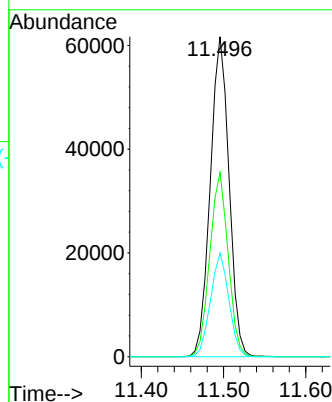
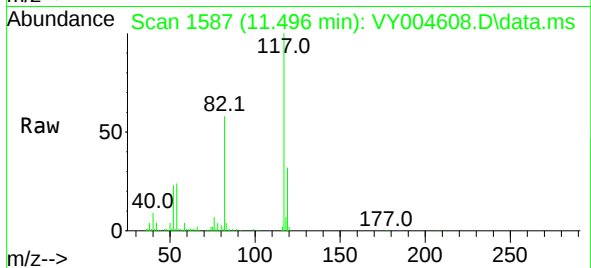




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004608.D
Acq: 23 Apr 2021 16:22

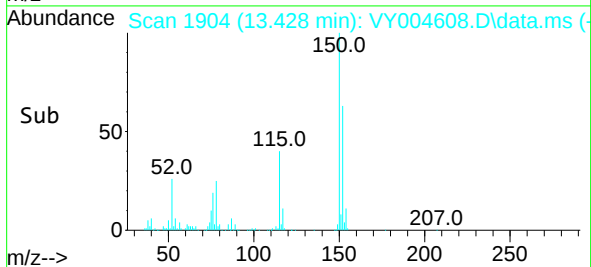
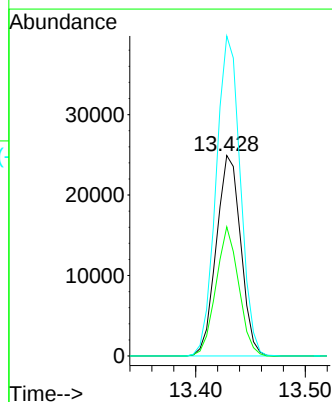
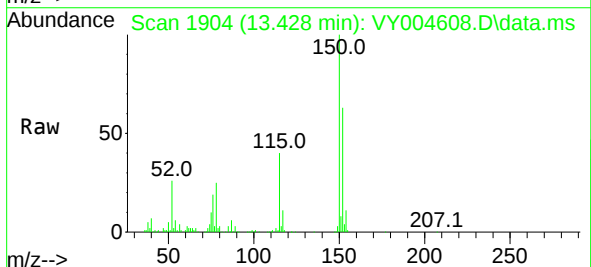
Instrument :
MSVOA_Y
ClientSampleId :

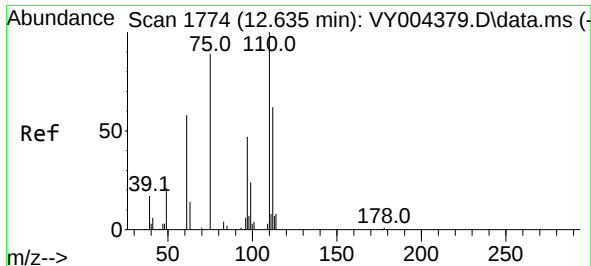
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.6	44.9	67.3
119	32.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004608.D
Acq: 23 Apr 2021 16:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.6	88.8
150	158.3	0.0	348.4

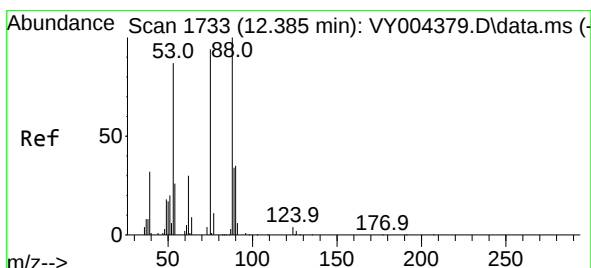
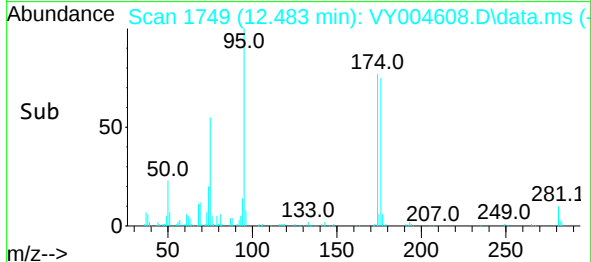
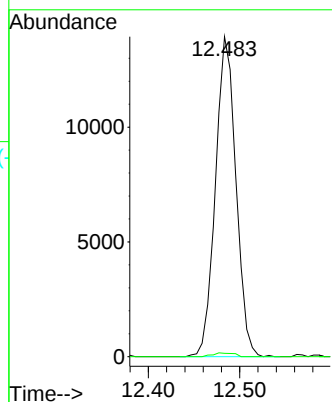
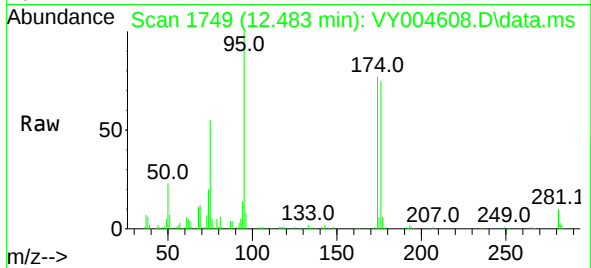




#76
1,2,3-Trichloropropane
Concen: 52.53 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004608.D
Acq: 23 Apr 2021 16:22

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 21740
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.97 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004608.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 75 Resp: 21740
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.0 36.1 54.1#

