

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
 Data File : VY004182.D
 Acq On : 24 Mar 2021 12:52
 Operator : SY/MD
 Sample : M1786-02
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 25 01:18:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

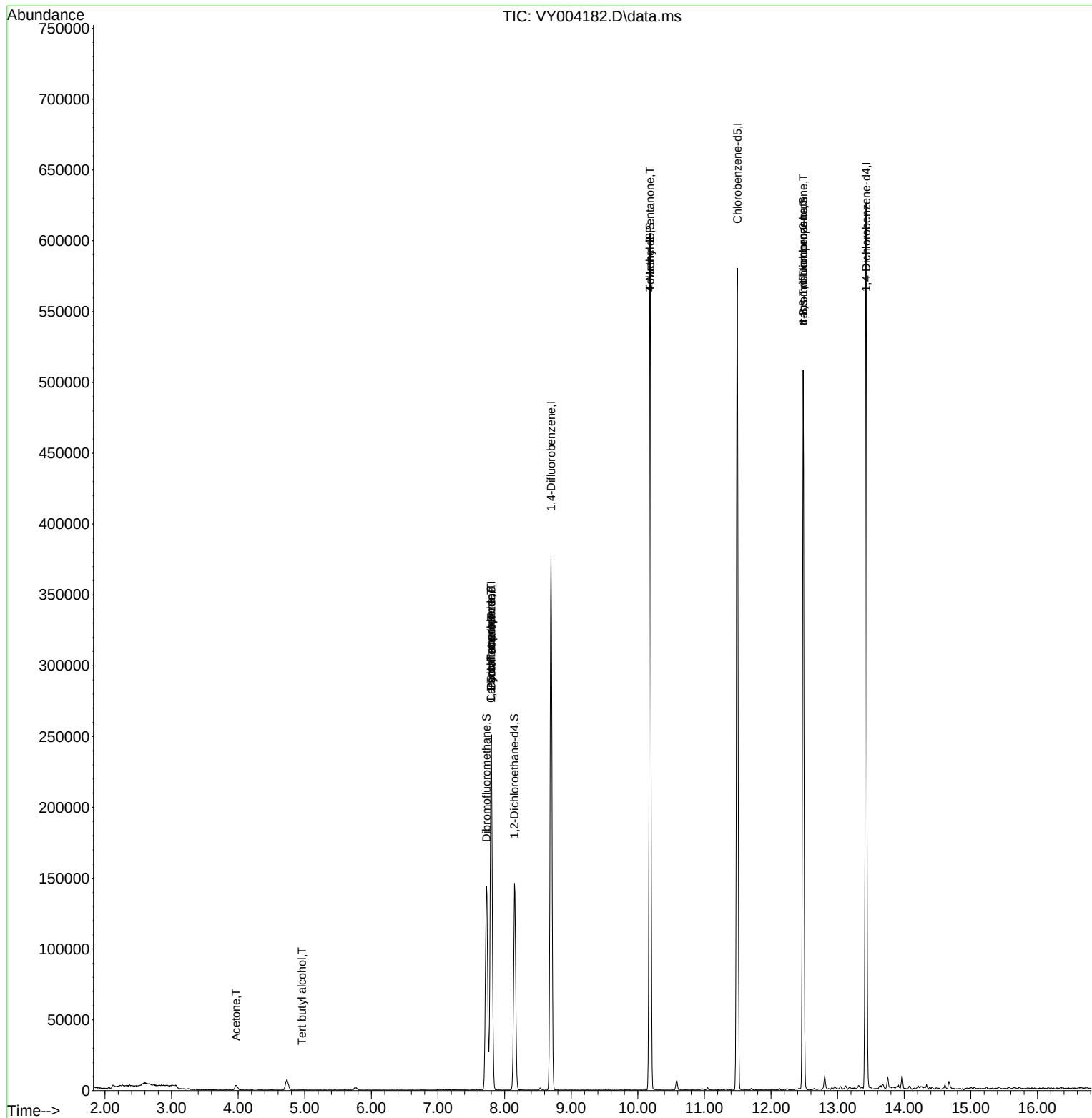
Internal Standards						
1) Pentafluorobenzene	7.801	168	195450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	330060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	318054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	162070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	112296	58.22	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.44%
35) Dibromofluoromethane	7.728	113	101019	54.27	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.54%
50) Toluene-d8	10.185	98	388803	53.28	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.56%
62) 4-Bromofluorobenzene	12.483	95	147801	54.84	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.68%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	884	Below Cal		94
11) Tert butyl alcohol	4.960	59	200	1.15 ug/l #		76
16) Acetone	3.966	43	6346	13.63 ug/l		100
20) Methylene Chloride	4.735	84	5439	Below Cal		89
31) Cyclohexane	7.801	56	4021	1.19 ug/l #		20
36) 1,1-Dichloropropene	7.795	75	14355	4.95 ug/l #		51
38) Carbon Tetrachloride	7.795	117	19082	6.20 ug/l #		16
51) 4-Methyl-2-Pentanone	10.185	43	1835	1.16 ug/l #		1
76) 1,2,3-Trichloropropane	12.483	75	77649	49.97 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	77649	98.61 ug/l #		13

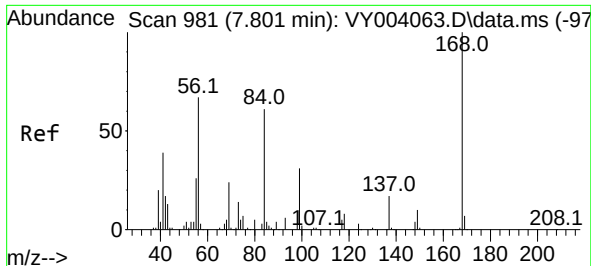
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
Data File : VY004182.D
Acq On : 24 Mar 2021 12:52
Operator : SY/MD
Sample : M1786-02
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Mar 25 01:18:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

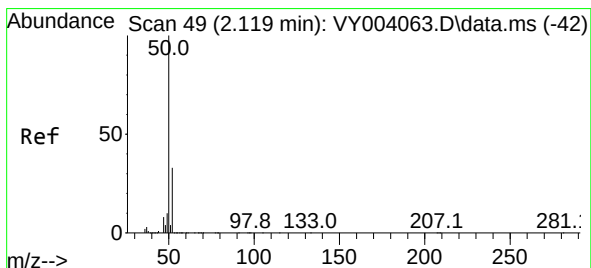
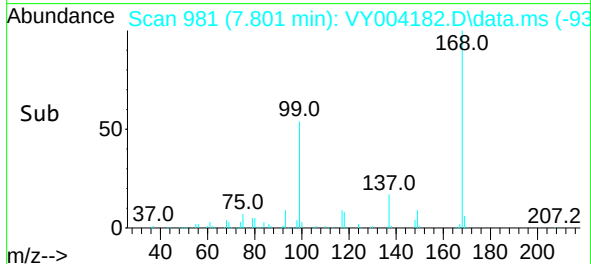
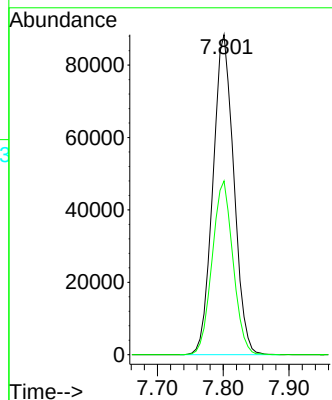
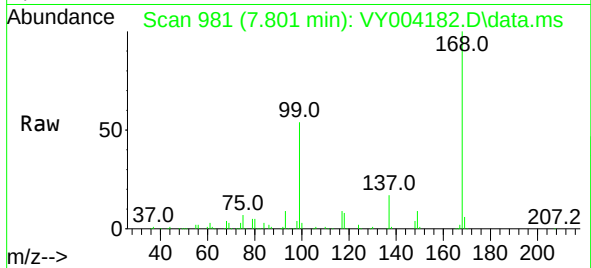




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004182.D
Acq: 24 Mar 2021 12:52

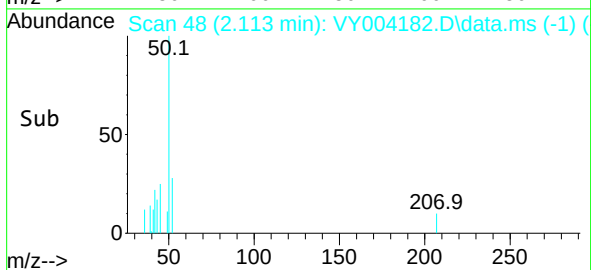
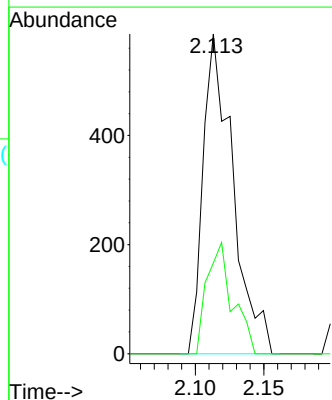
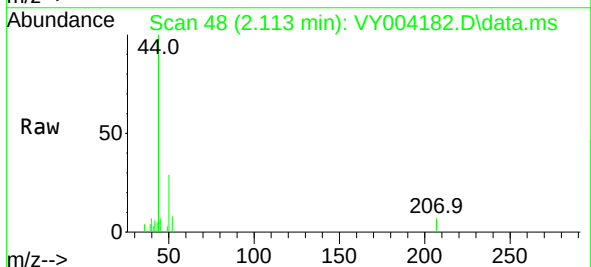
Instrument :
MSVOA_Y
ClientSampleId :

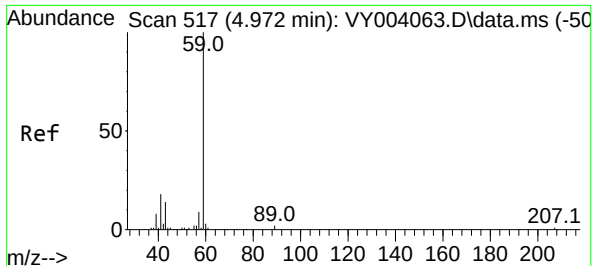
Tgt Ion:168 Resp: 195450
Ion Ratio Lower Upper
168 100
99 54.3 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY004182.D
Acq: 24 Mar 2021 12:52

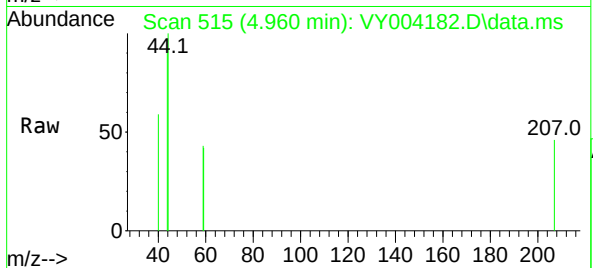
Tgt Ion: 50 Resp: 884
Ion Ratio Lower Upper
50 100
52 28.3 25.4 38.2



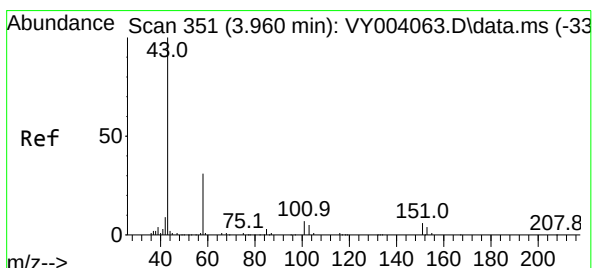
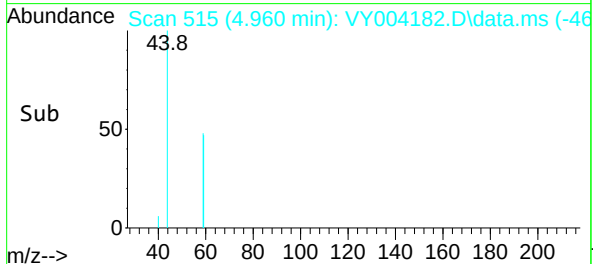
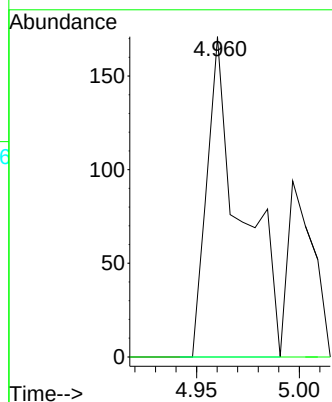


#11
Tert butyl alcohol
Concen: 1.15 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004182.D
Acq: 24 Mar 2021 12:52

Instrument :
MSVOA_Y
ClientSampled :

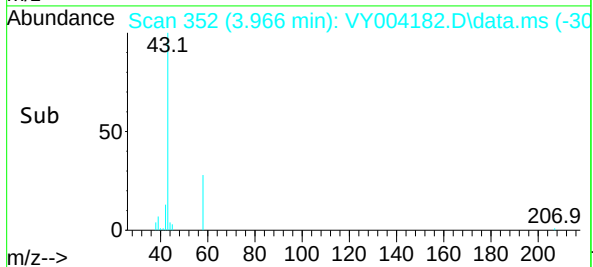
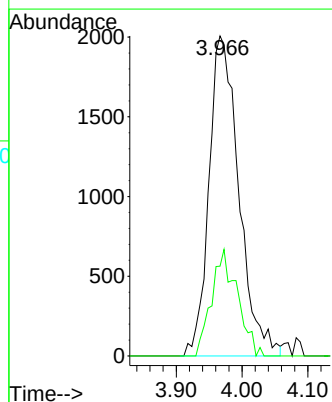
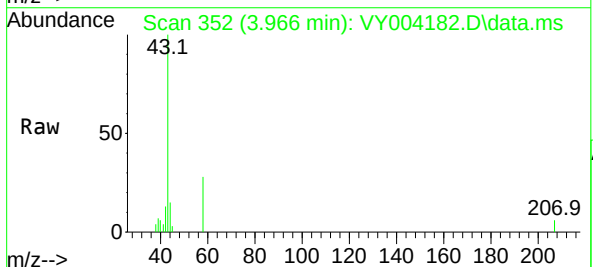


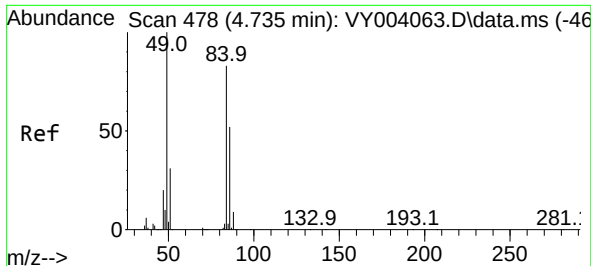
Tgt Ion: 59 Resp: 200
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#



#16
Acetone
Concen: 13.63 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004182.D
Acq: 24 Mar 2021 12:52

Tgt Ion: 43 Resp: 6346
Ion Ratio Lower Upper
43 100
58 28.1 22.6 34.0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.735 min Scan# 478

Delta R.T. -0.000 min

Lab File: VY004182.D

Acq: 24 Mar 2021 12:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 5439

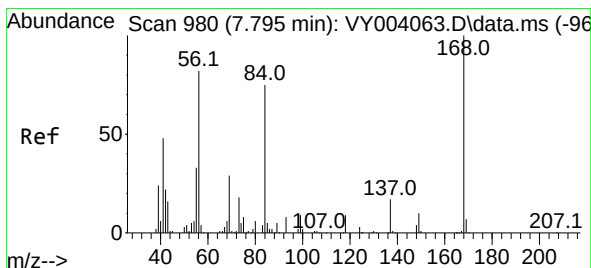
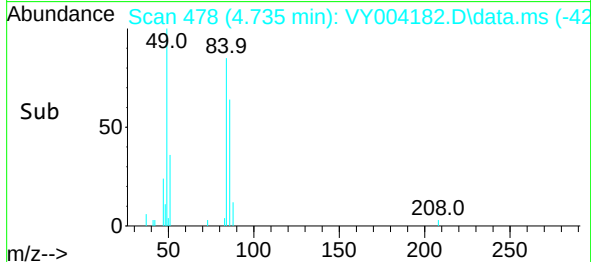
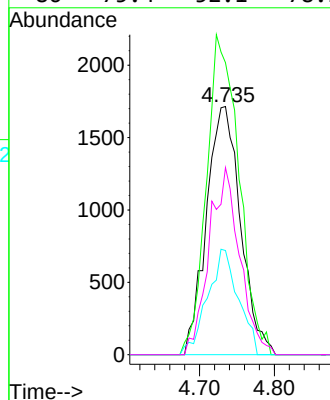
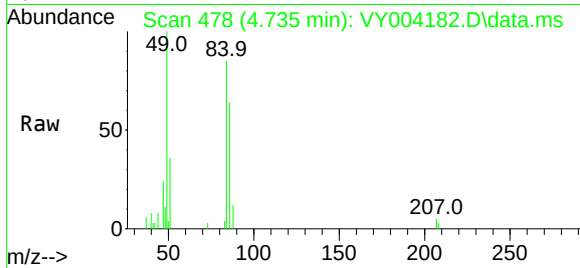
Ion Ratio Lower Upper

84 100

49 117.7 105.8 158.6

51 42.0 32.6 48.8

86 75.4 52.1 78.1



#31

Cyclohexane

Concen: 1.19 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY004182.D

Acq: 24 Mar 2021 12:52

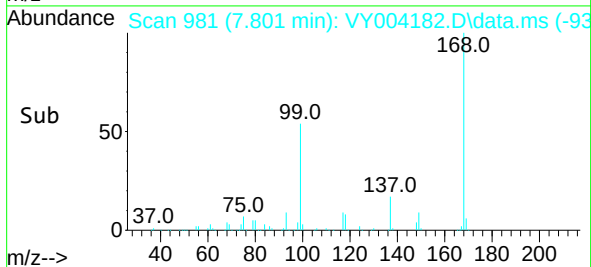
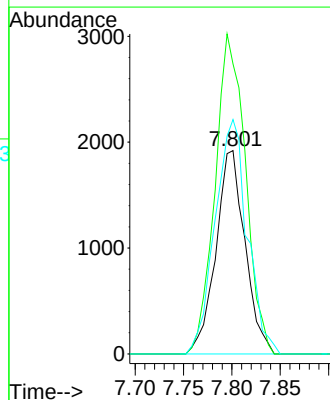
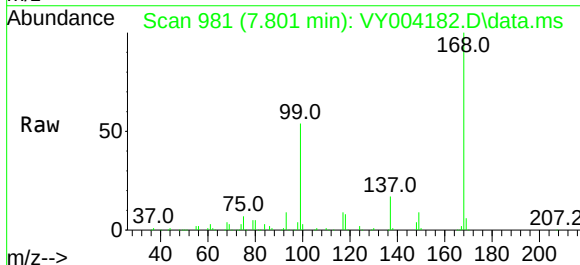
Tgt Ion: 56 Resp: 4021

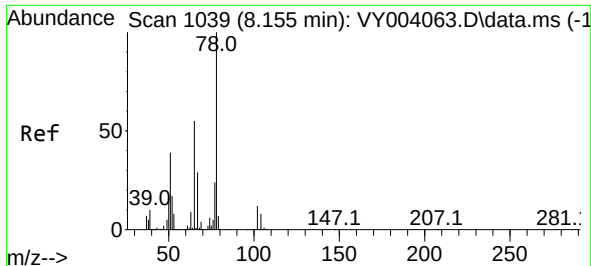
Ion Ratio Lower Upper

56 100

69 142.6 25.3 37.9#

84 115.2 67.3 100.9#

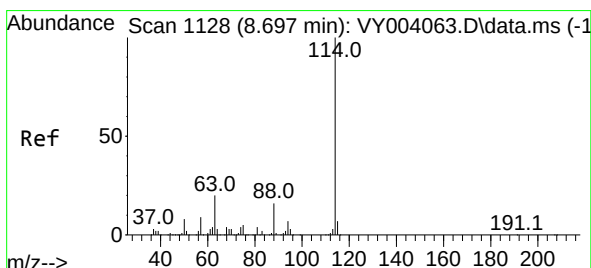
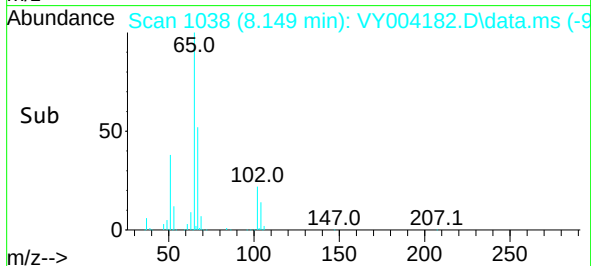
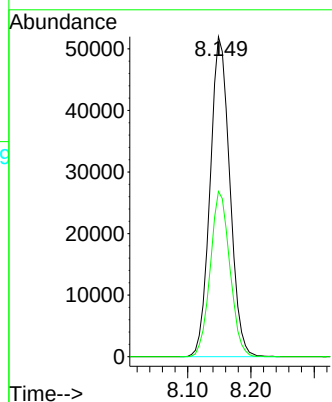
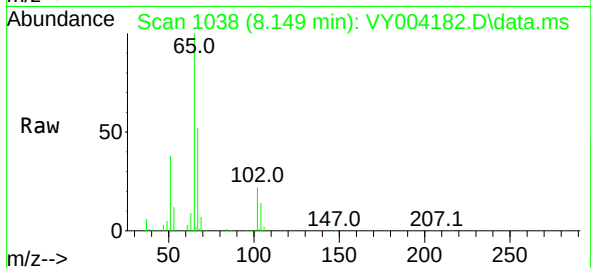




#33
1,2-Dichloroethane-d4
Concen: 58.22 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004182.D
Acq: 24 Mar 2021 12:52

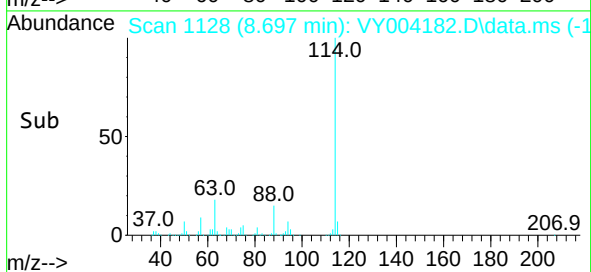
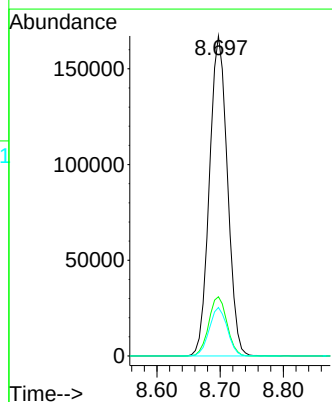
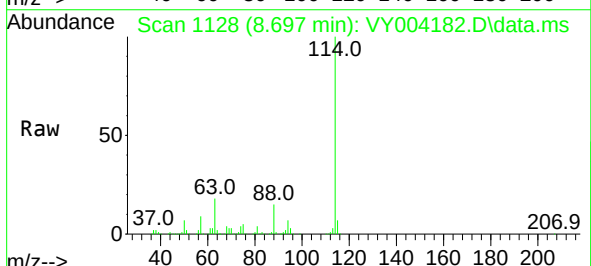
Instrument :
MSVOA_Y
ClientSampleId :

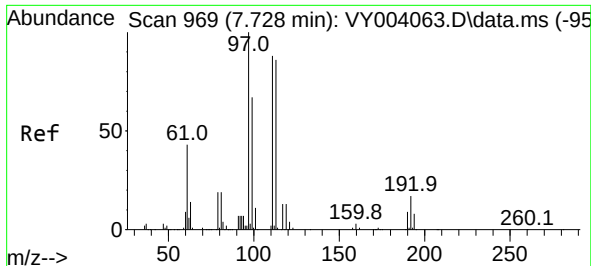
Tgt Ion: 65 Resp: 112296
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004182.D
Acq: 24 Mar 2021 12:52

Tgt Ion:114 Resp: 330060
Ion Ratio Lower Upper
114 100
63 18.5 0.0 41.6
88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.27 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY004182.D

Acq: 24 Mar 2021 12:52

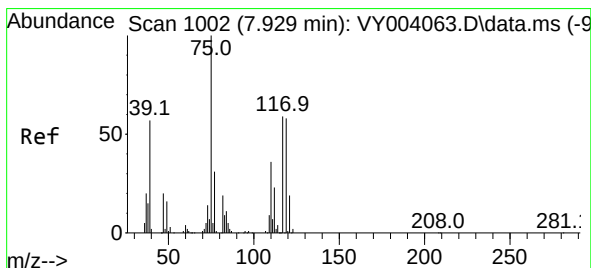
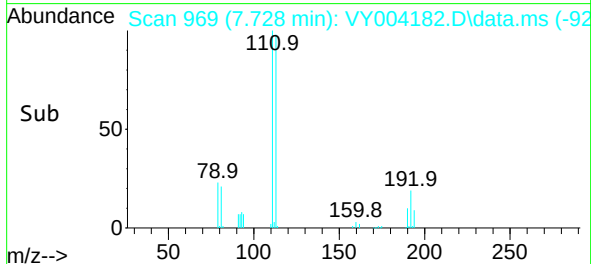
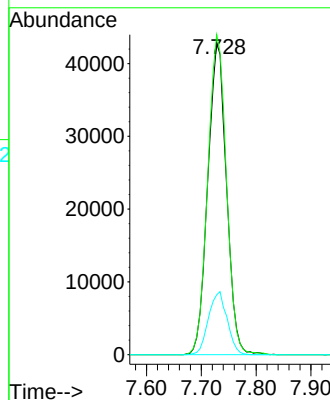
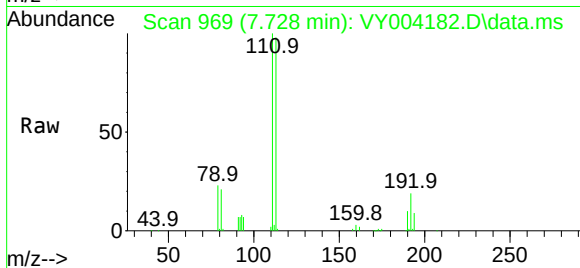
Tgt Ion:113 Resp: 101019

Ion Ratio Lower Upper

113 100

111 102.7 83.2 124.8

192 20.2 18.5 27.7



#36

1,1-Dichloropropene

Concen: 4.95 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY004182.D

Acq: 24 Mar 2021 12:52

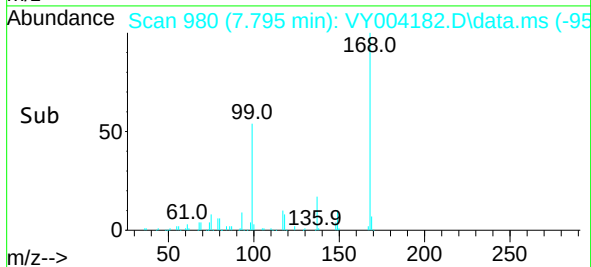
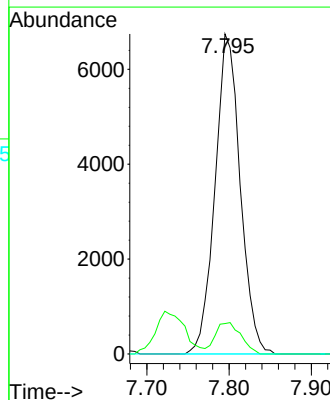
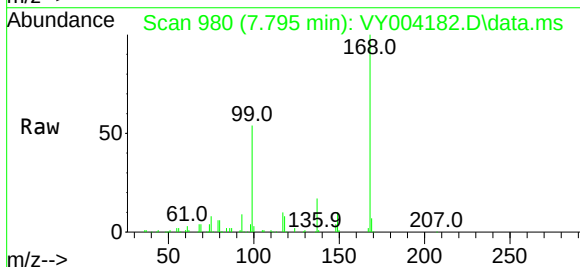
Tgt Ion: 75 Resp: 14355

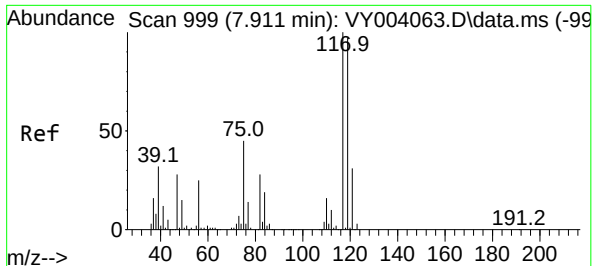
Ion Ratio Lower Upper

75 100

110 10.0 17.4 52.3#

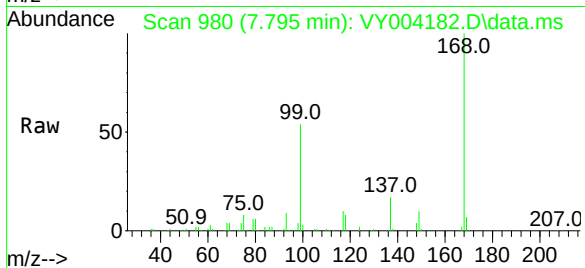
77 0.0 24.5 36.7#



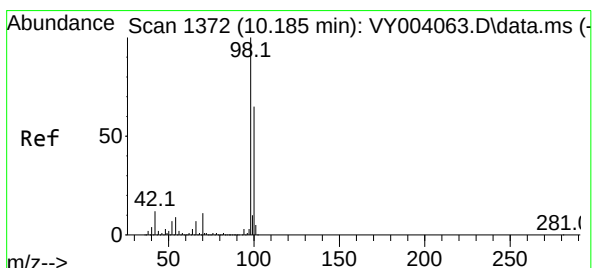
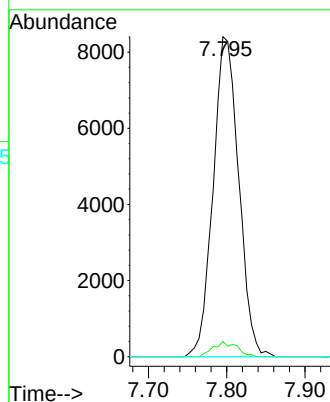
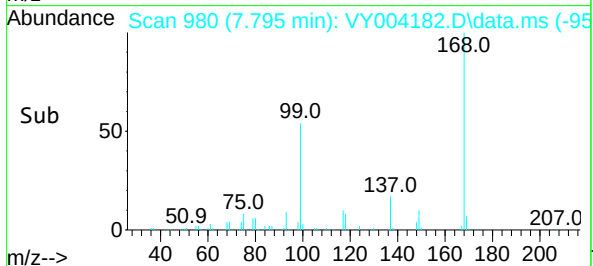


#38
Carbon Tetrachloride
Concen: 6.20 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004182.D
Acq: 24 Mar 2021 12:52

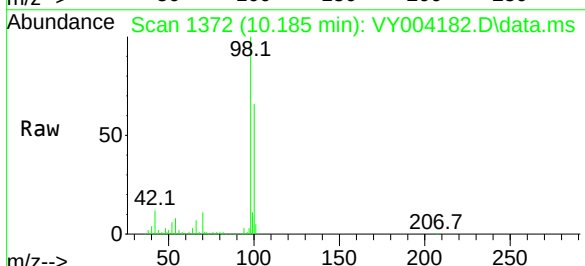
Instrument :
MSVOA_Y
ClientSampled :



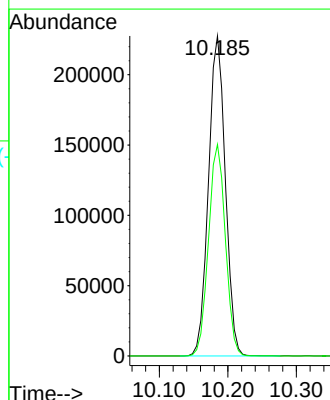
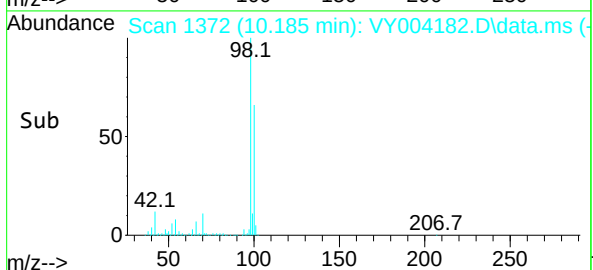
Tgt Ion:117 Resp: 19082
Ion Ratio Lower Upper
117 100
119 4.8 75.4 113.0#
121 0.0 24.2 36.2#

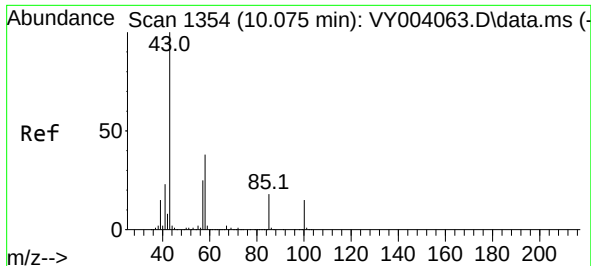


#50
Toluene-d8
Concen: 53.28 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004182.D
Acq: 24 Mar 2021 12:52



Tgt Ion: 98 Resp: 388803
Ion Ratio Lower Upper
98 100
100 66.1 51.8 77.6

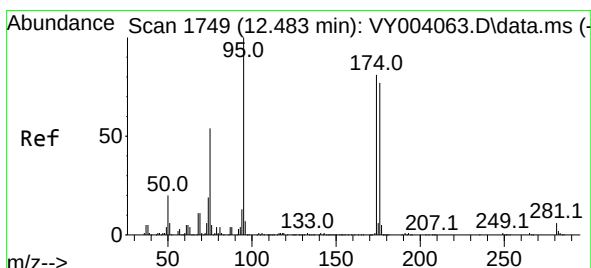
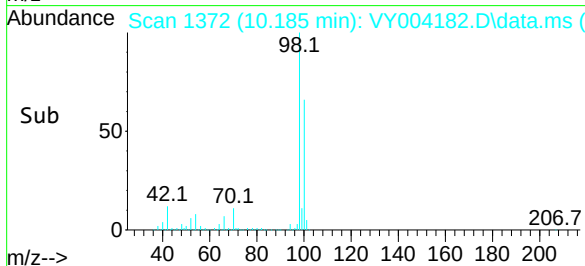
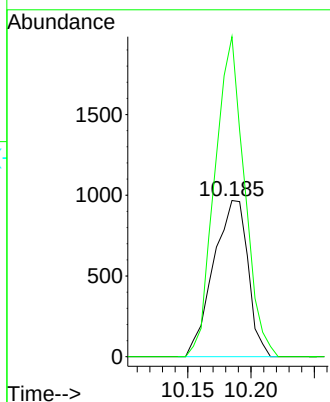
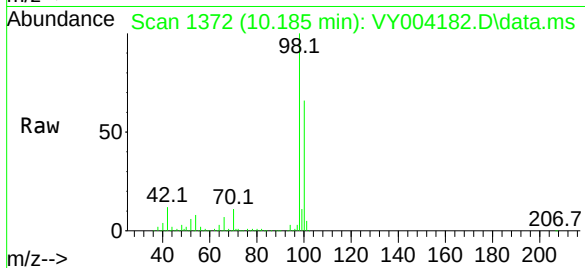




#51
4-Methyl-2-Pentanone
Concen: 1.16 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004182.D
Acq: 24 Mar 2021 12:52

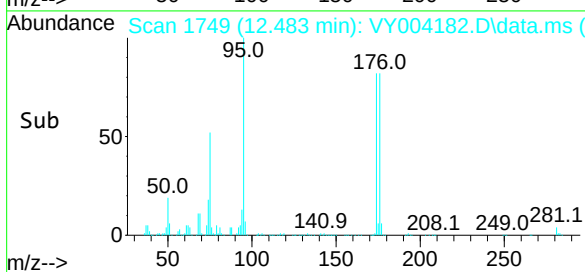
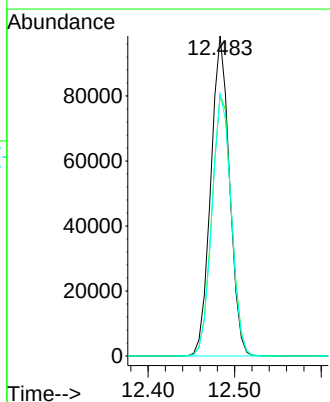
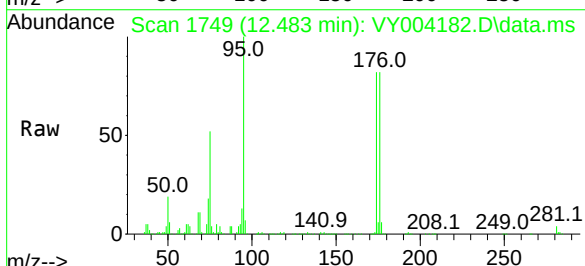
Instrument :
MSVOA_Y
ClientSampled :

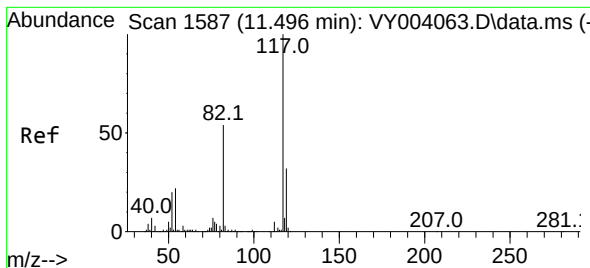
Tgt Ion: 43 Resp: 1835
Ion Ratio Lower Upper
43 100
58 175.9 29.8 44.8#



#62
4-Bromofluorobenzene
Concen: 54.84 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004182.D
Acq: 24 Mar 2021 12:52

Tgt Ion: 95 Resp: 147801
Ion Ratio Lower Upper
95 100
174 85.2 0.0 179.0
176 83.8 0.0 174.4

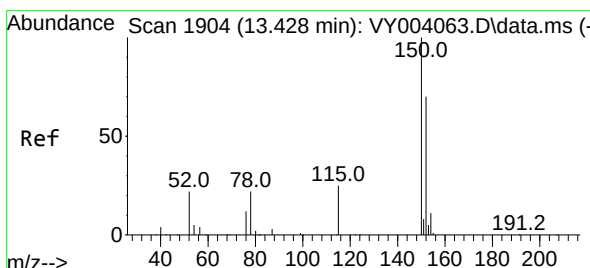
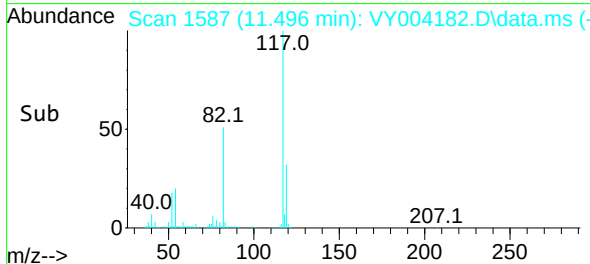
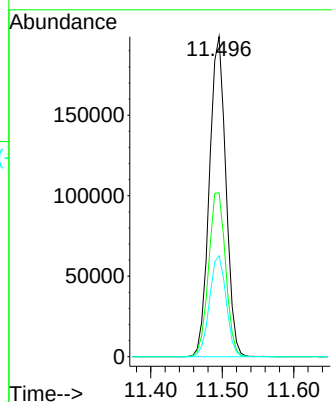
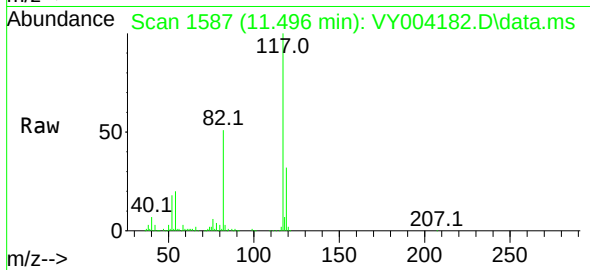




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004182.D
Acq: 24 Mar 2021 12:52

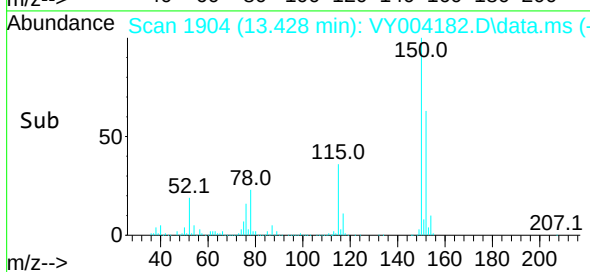
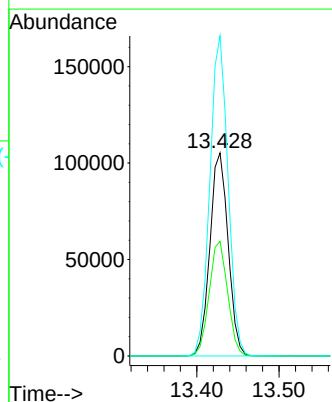
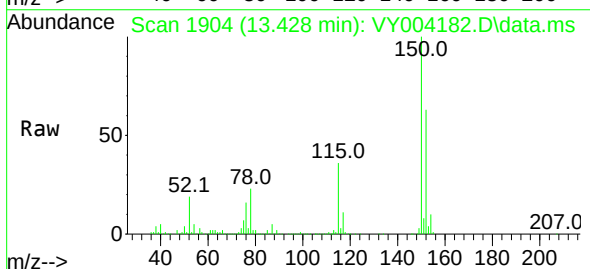
Instrument :
MSVOA_Y
ClientSampled :

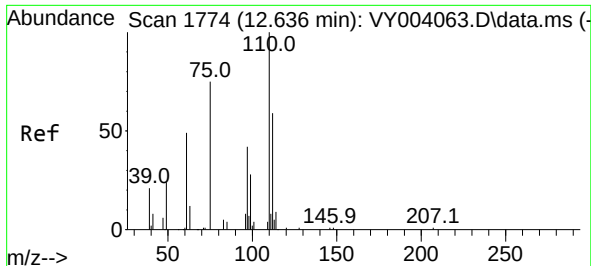
Tgt Ion:117 Resp: 318054
Ion Ratio Lower Upper
117 100
82 51.3 43.8 65.6
119 31.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004182.D
Acq: 24 Mar 2021 12:52

Tgt Ion:152 Resp: 162070
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.6
150 156.6 0.0 347.2

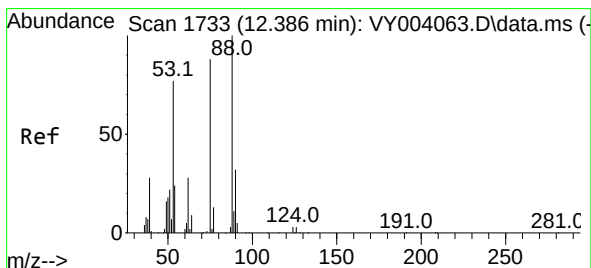
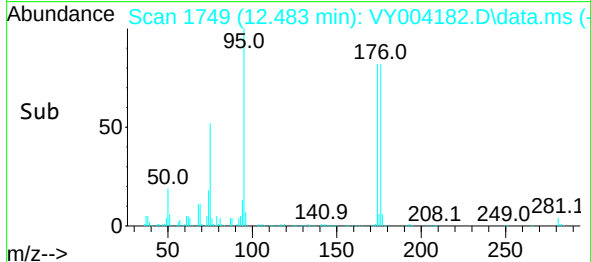
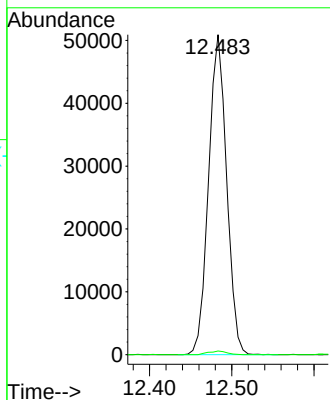
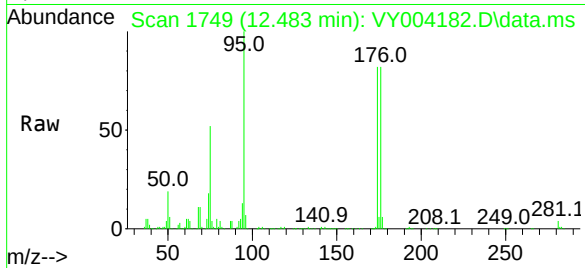




#76
1,2,3-Trichloropropane
Concen: 49.97 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004182.D
Acq: 24 Mar 2021 12:52

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 77649
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.61 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004182.D
Acq: 24 Mar 2021 12:52

Tgt Ion: 75 Resp: 77649
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 0.1 35.7 53.5#

