

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121620\
 Data File : VY003793.D
 Acq On : 16 Dec 2020 10:34
 Operator : SY/MD
 Sample : VY1216SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 17 02:48:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y121520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 16 05:00:50 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	200196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	343832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	308565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150764	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	111364	44.85	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.70%
35) Dibromofluoromethane	7.728	113	104911	42.18	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.36%
50) Toluene-d8	10.185	98	412096	41.85	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.70%
62) 4-Bromofluorobenzene	12.483	95	134128	39.64	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.28%

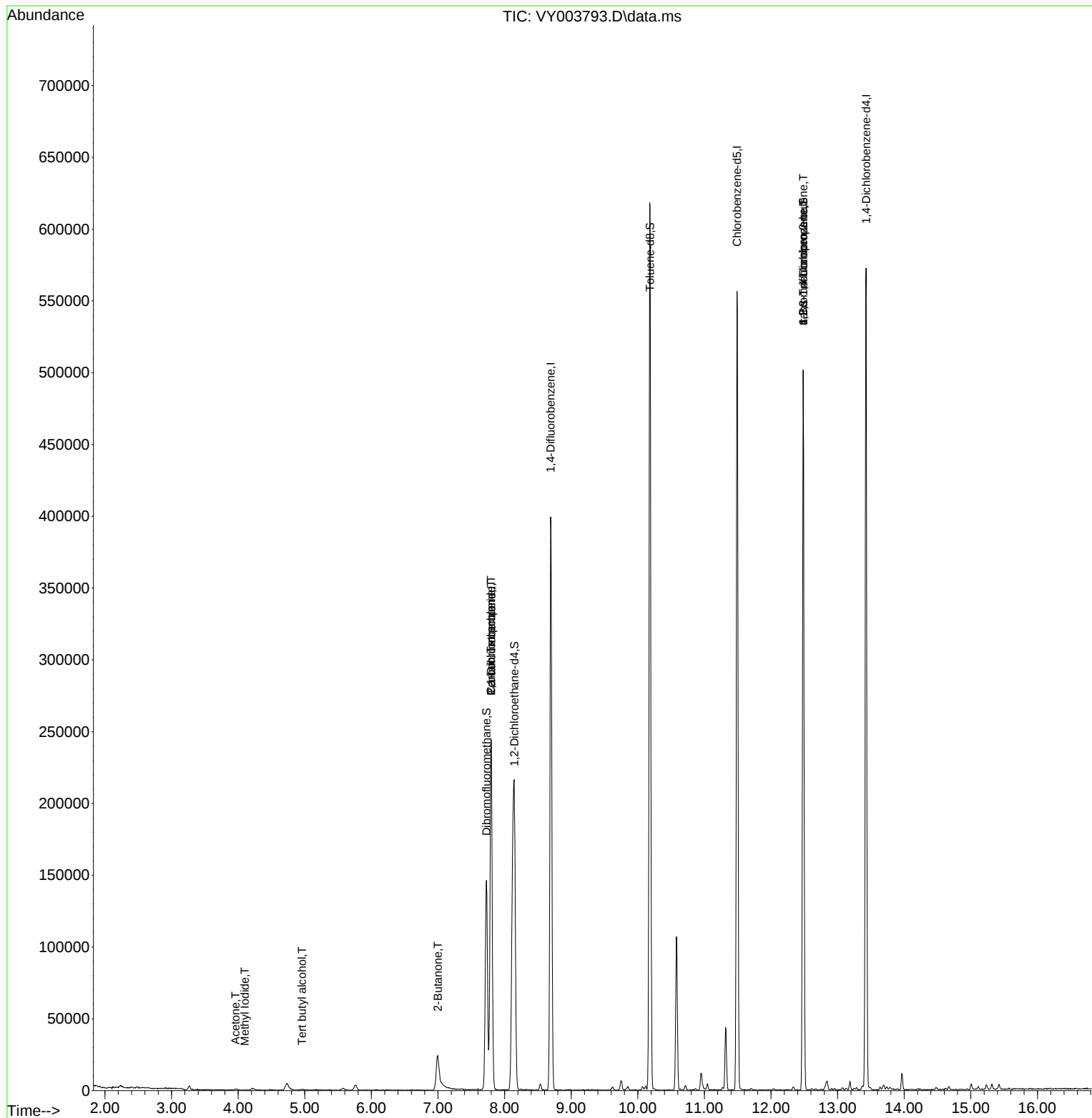
Target Compounds					Qvalue
5) Bromomethane	2.668	94	64	Below Cal	# 2
10) Methyl Iodide	4.101	142	139	3.79 ug/l	# 42
11) Tert butyl alcohol	4.960	59	1137	4.56 ug/l	# 73
16) Acetone	3.960	43	1458	2.55 ug/l	# 78
20) Methylene Chloride	4.729	84	3272	Below Cal	# 90
25) 2-Butanone	6.996	43	1470	1.59 ug/l	# 49
36) 1,1-Dichloropropene	7.795	75	14096	3.65 ug/l	# 51
38) Carbon Tetrachloride	7.795	117	18470	4.78 ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	66668	37.33 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	66668	70.69 ug/l	# 5

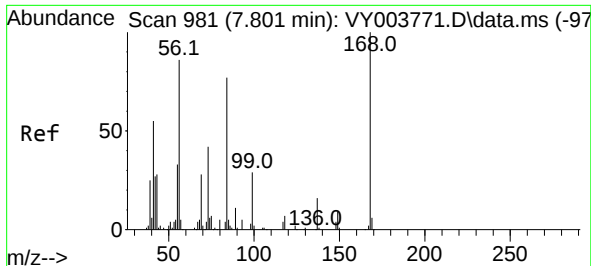
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VY003793.D
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Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 17 02:48:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y121520S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 16 05:00:50 2020
Response via : Initial Calibration

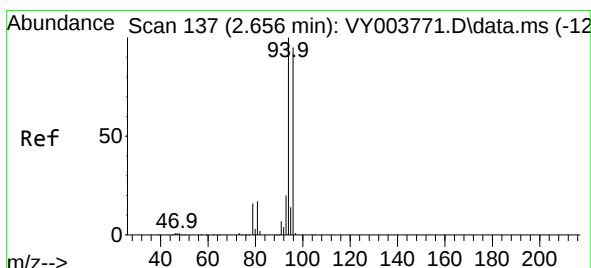
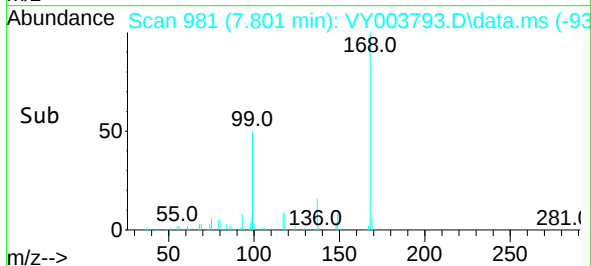
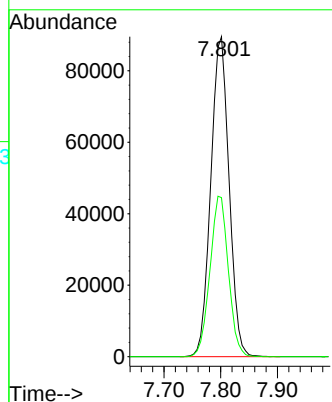
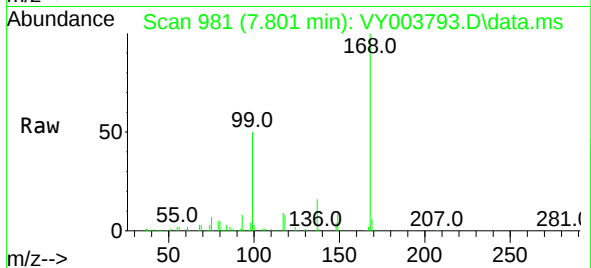




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003793.D
Acq: 16 Dec 2020 10:34

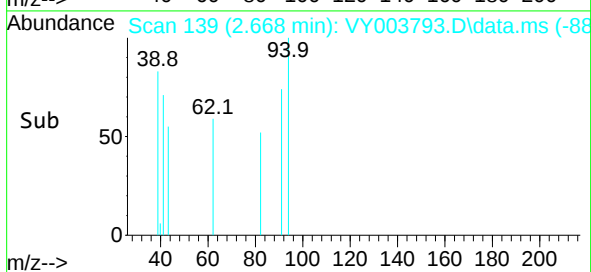
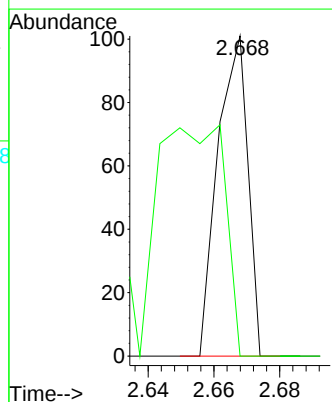
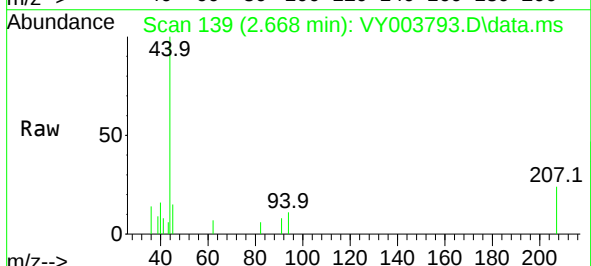
Instrument :
MSVOA_Y
ClientSampled :

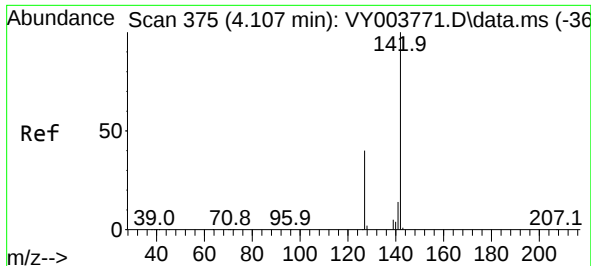
Tgt Ion:168 Resp: 200196
Ion Ratio Lower Upper
168 100
99 49.7 41.9 62.9



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY003793.D
Acq: 16 Dec 2020 10:34

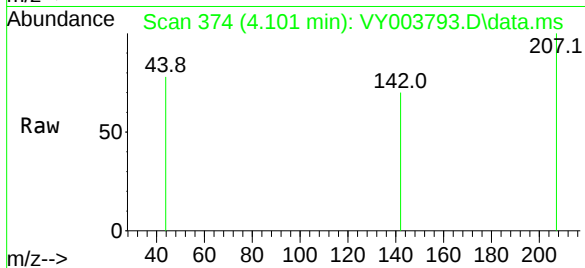
Tgt Ion: 94 Resp: 64
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#



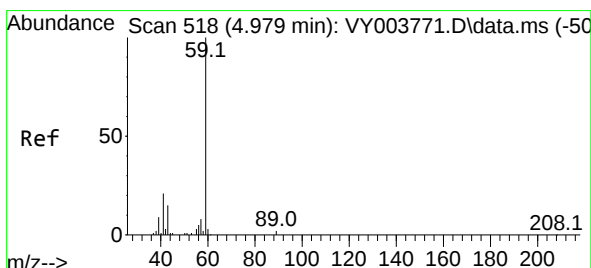
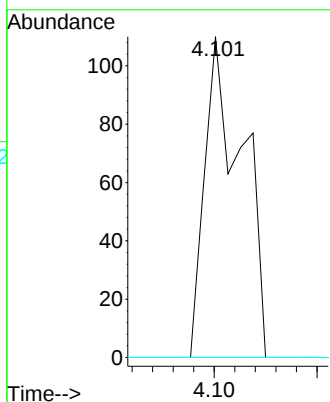
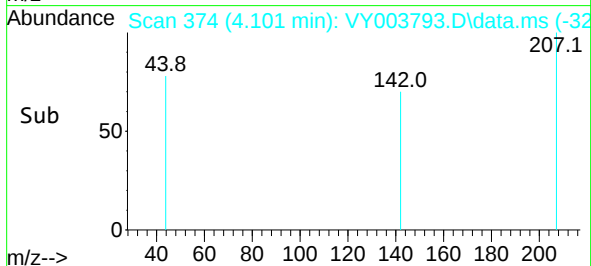


#10
Methyl Iodide
Concen: 3.79 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY003793.D
Acq: 16 Dec 2020 10:34

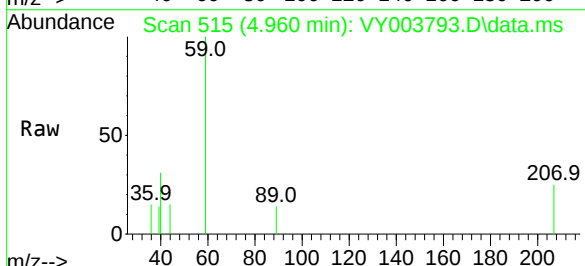
Instrument :
MSVOA_Y
ClientSampled :



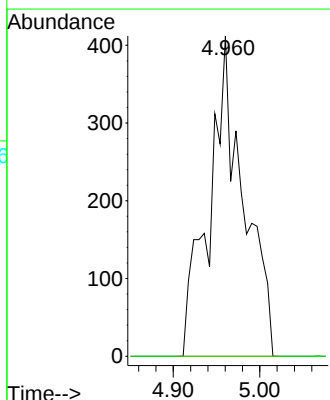
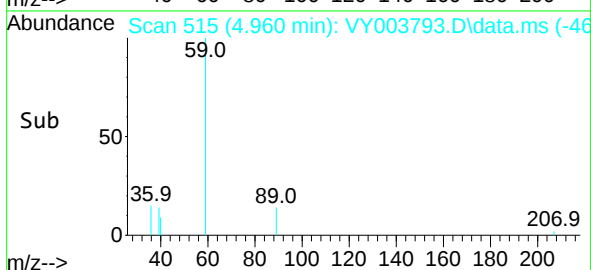
Tgt Ion:142 Resp: 139
Ion Ratio Lower Upper
142 100
127 0.0 33.7 50.5#
141 0.0 11.4 17.2#

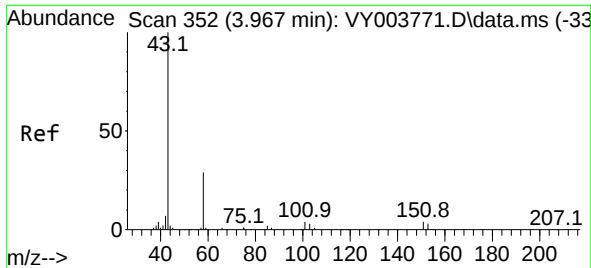


#11
Tert butyl alcohol
Concen: 4.56 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY003793.D
Acq: 16 Dec 2020 10:34



Tgt Ion: 59 Resp: 1137
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

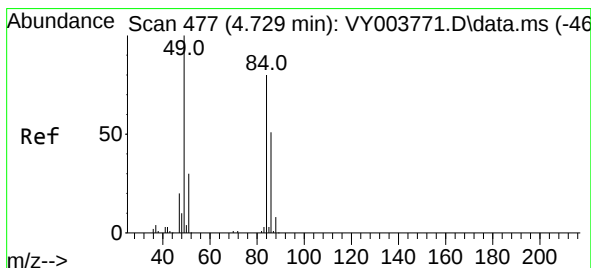
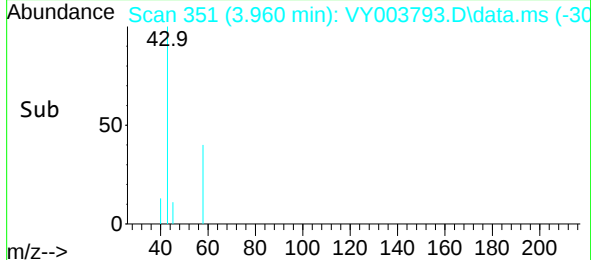
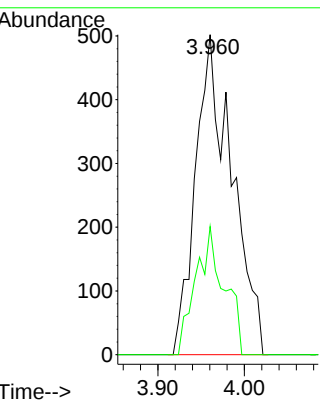
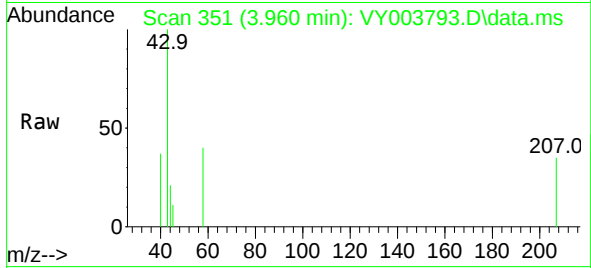




#16
Acetone
Concen: 2.55 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY003793.D
Acq: 16 Dec 2020 10:34

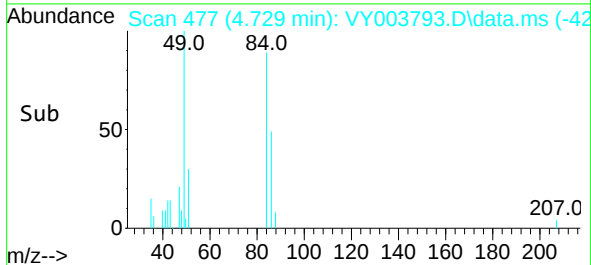
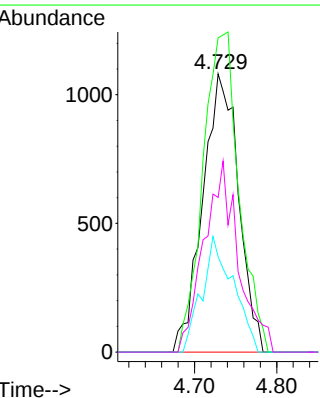
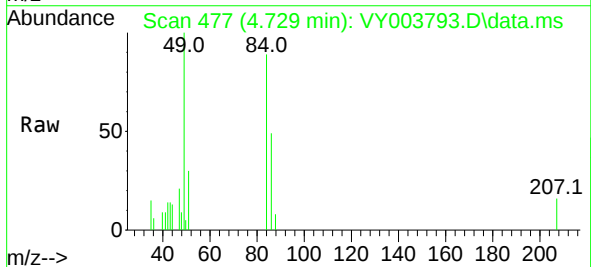
Instrument :
MSVOA_Y
ClientSampled :

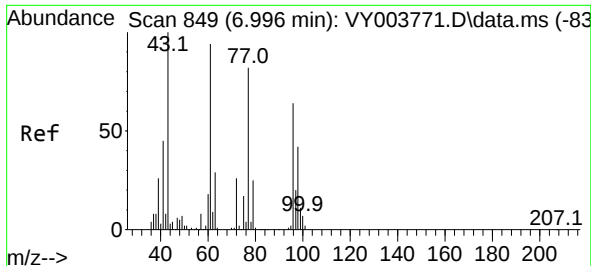
Tgt Ion: 43 Resp: 1458
Ion Ratio Lower Upper
43 100
58 40.0 22.9 34.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY003793.D
Acq: 16 Dec 2020 10:34

Tgt Ion: 84 Resp: 3272
Ion Ratio Lower Upper
84 100
49 113.0 100.4 150.6
51 34.3 30.3 45.5
86 55.6 50.7 76.1

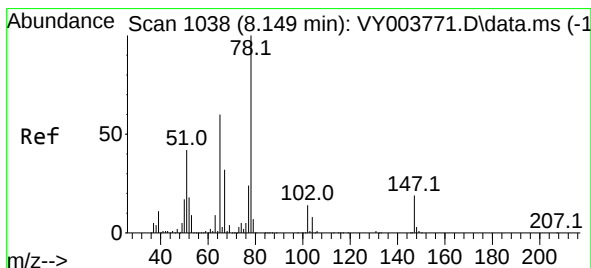
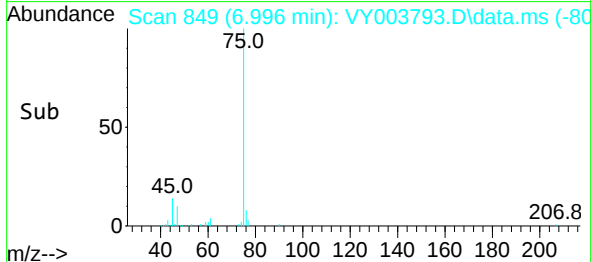
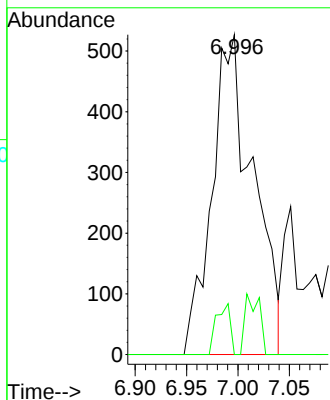
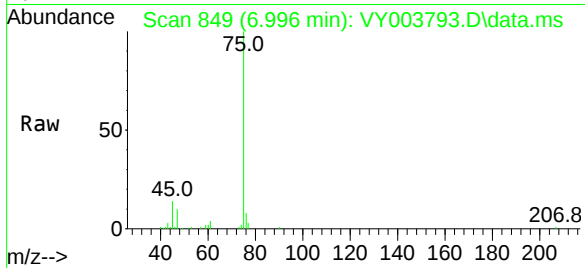




#25
2-Butanone
Concen: 1.59 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY003793.D
Acq: 16 Dec 2020 10:34

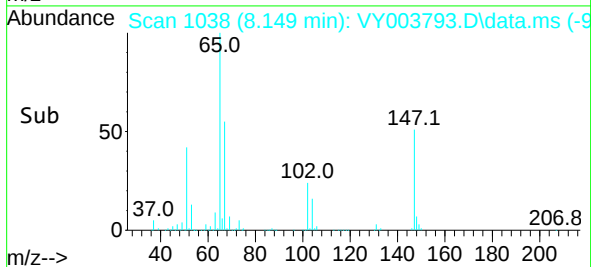
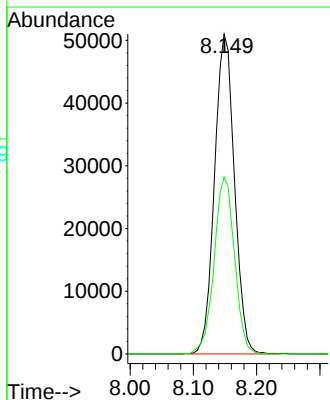
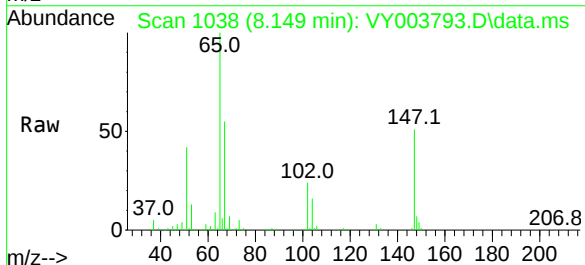
Instrument :
MSVOA_Y
ClientSampled :

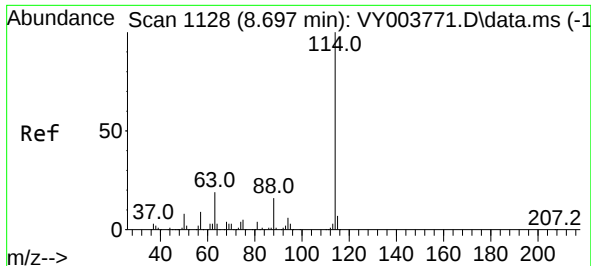
Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#33
1,2-Dichloroethane-d4
Concen: 44.85 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY003793.D
Acq: 16 Dec 2020 10:34

Tgt Ion: 65 Resp: 111364
Ion Ratio Lower Upper
65 100
67 56.7 0.0 107.6

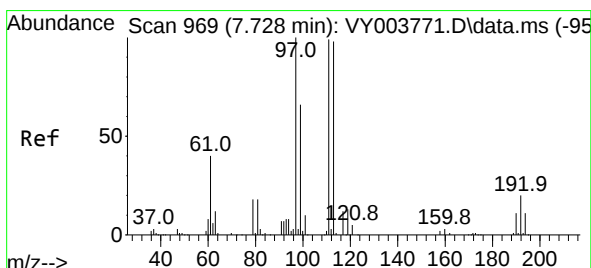
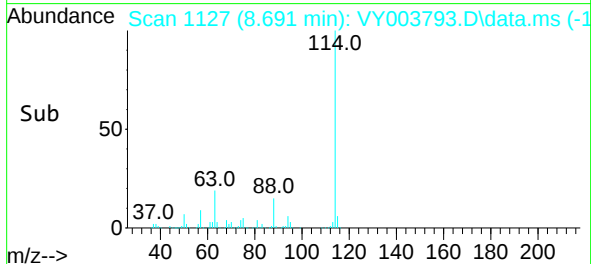
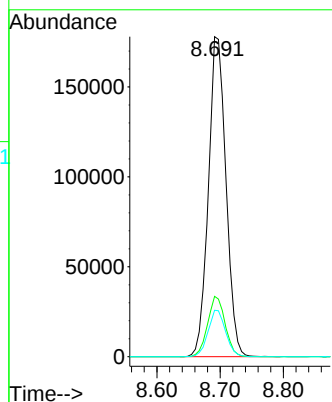
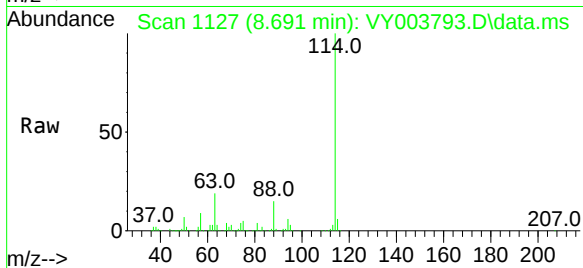




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY003793.D
Acq: 16 Dec 2020 10:34

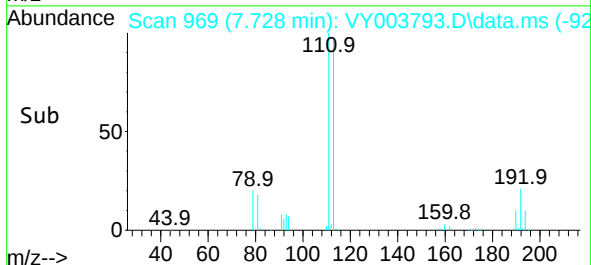
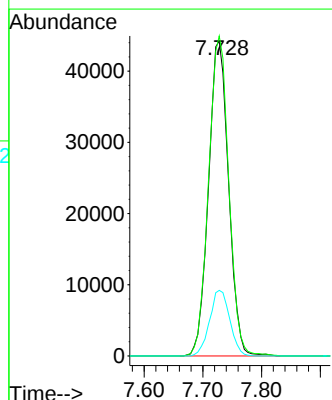
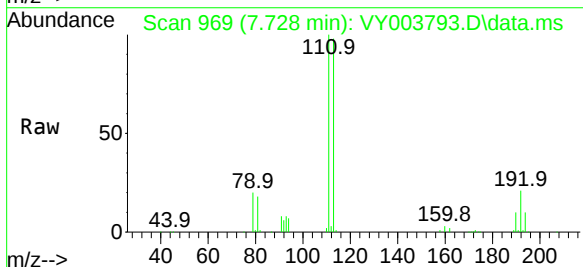
Instrument :
MSVOA_Y
ClientSampleId :

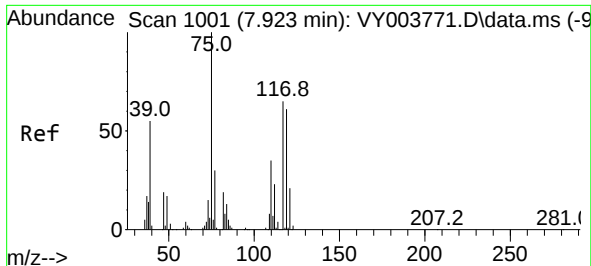
Tgt Ion:114 Resp: 343832
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.4
88 14.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 42.18 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY003793.D
Acq: 16 Dec 2020 10:34

Tgt Ion:113 Resp: 104911
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 20.9 16.7 25.1





#36

1,1-Dichloropropene

Concen: 3.65 ug/l

RT: 7.795 min Scan# 980

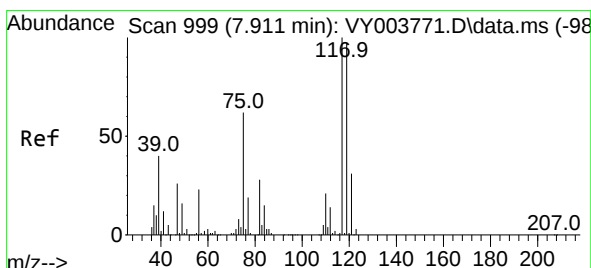
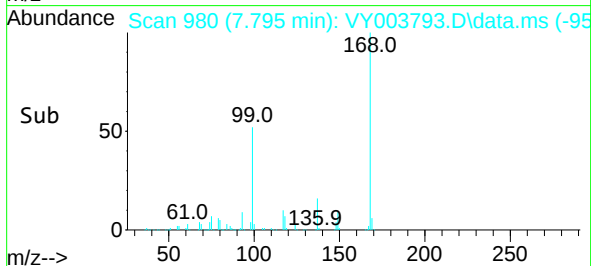
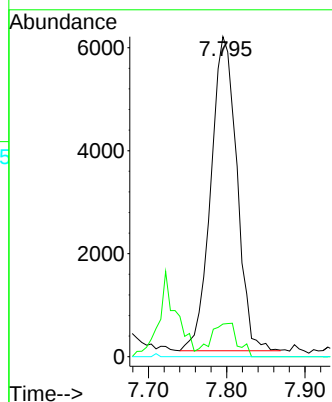
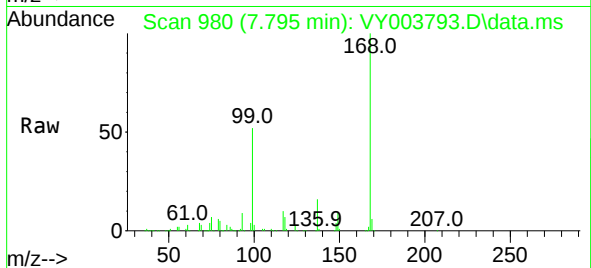
Delta R.T. -0.128 min

Lab File: VY003793.D

Acq: 16 Dec 2020 10:34

Tgt Ion:	75	Resp:	14096
Ion Ratio	Lower	Upper	
75	100		
110	10.7	18.1	54.1#
77	0.0	24.6	36.8#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 4.78 ug/l

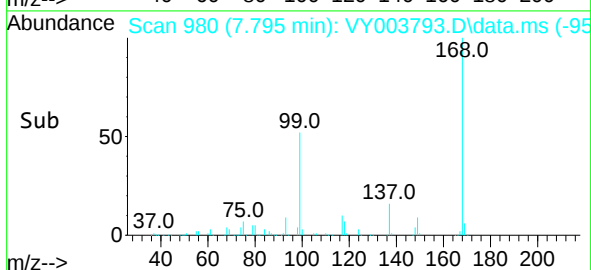
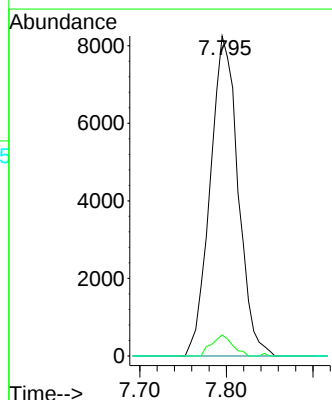
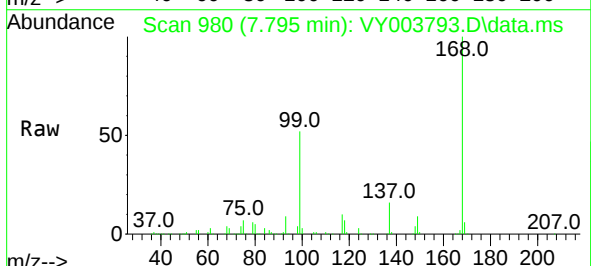
RT: 7.795 min Scan# 980

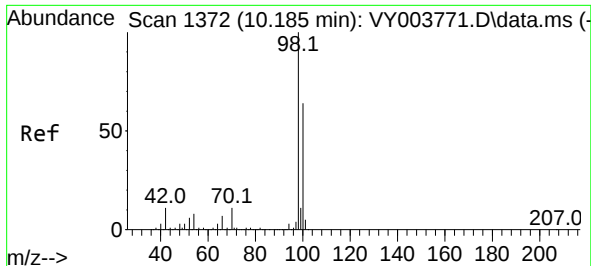
Delta R.T. -0.116 min

Lab File: VY003793.D

Acq: 16 Dec 2020 10:34

Tgt Ion:	117	Resp:	18470
Ion Ratio	Lower	Upper	
117	100		
119	6.6	77.2	115.8#
121	0.0	25.0	37.4#

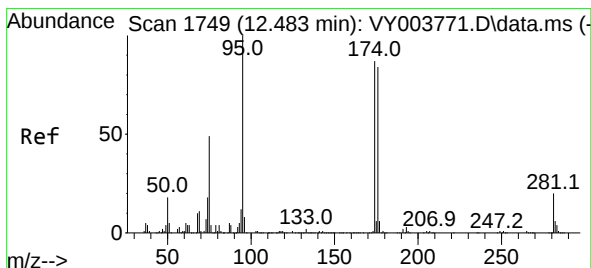
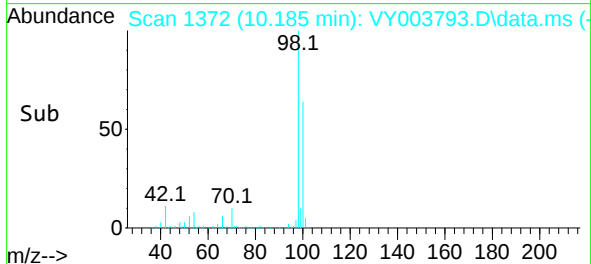
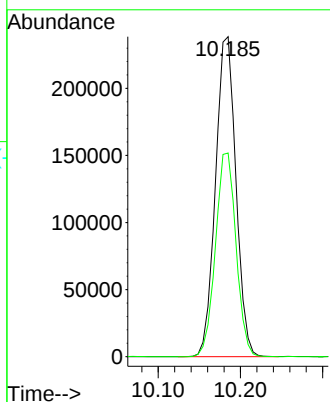
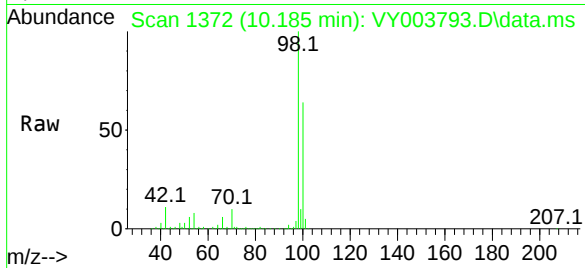




#50
Toluene-d8
Concen: 41.85 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY003793.D
Acq: 16 Dec 2020 10:34

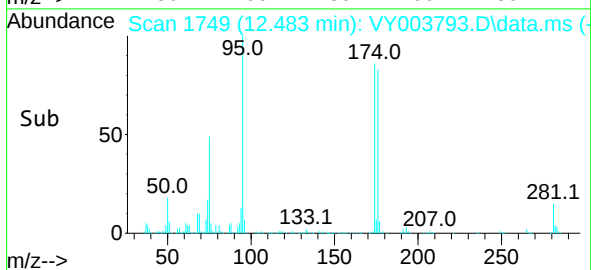
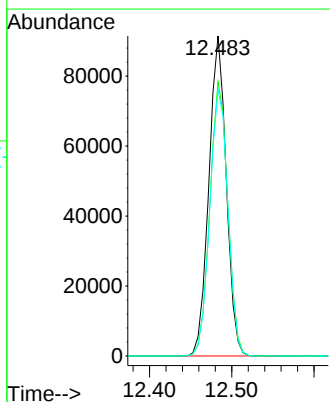
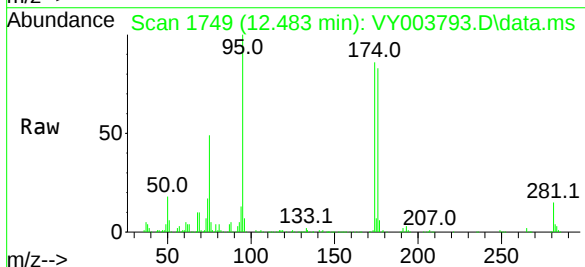
Instrument :
MSVOA_Y
ClientSampled :

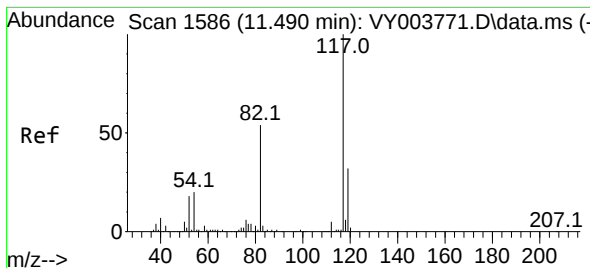
Tgt Ion: 98 Resp: 412096
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 39.64 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY003793.D
Acq: 16 Dec 2020 10:34

Tgt Ion: 95 Resp: 134128
Ion Ratio Lower Upper
95 100
174 88.5 0.0 170.8
176 86.5 0.0 165.0

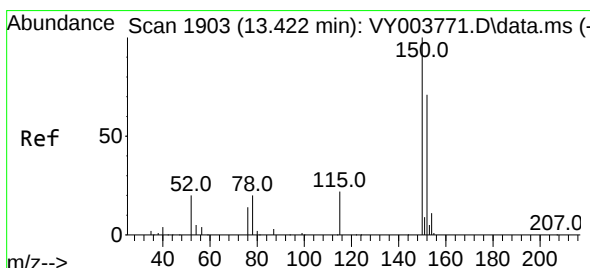
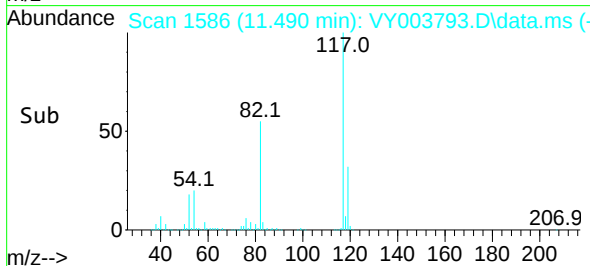
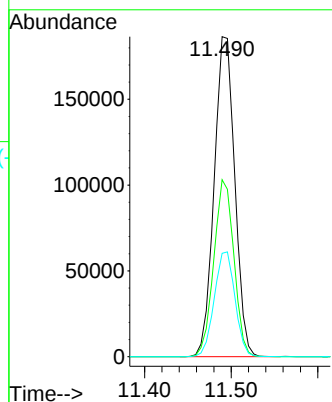
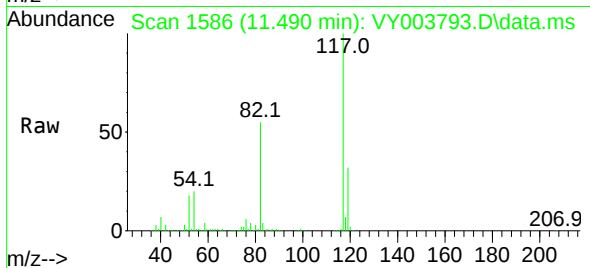




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY003793.D
Acq: 16 Dec 2020 10:34

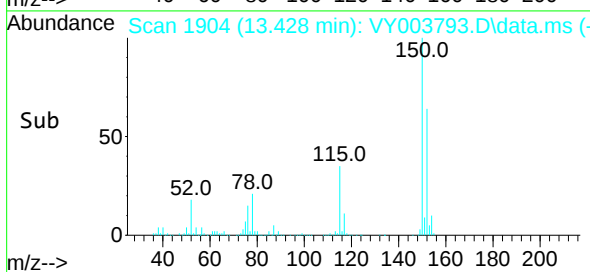
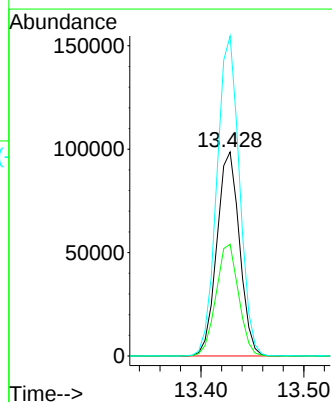
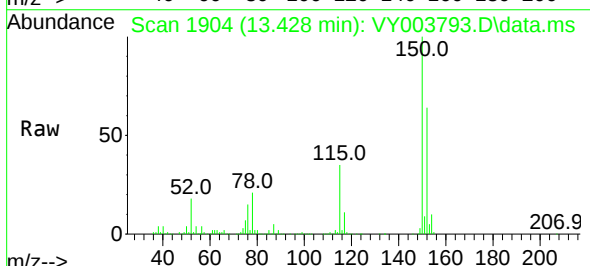
Instrument :
MSVOA_Y
ClientSampled :

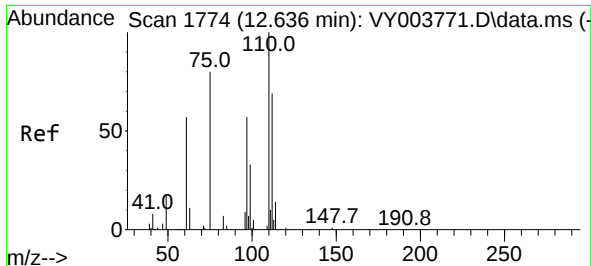
Tgt Ion:117 Resp: 308565
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.6
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY003793.D
Acq: 16 Dec 2020 10:34

Tgt Ion:152 Resp: 150764
Ion Ratio Lower Upper
152 100
115 54.7 28.0 83.9
150 156.0 0.0 347.6

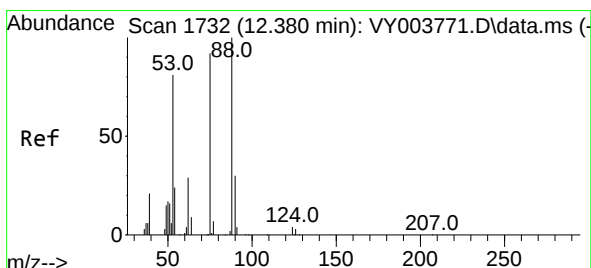
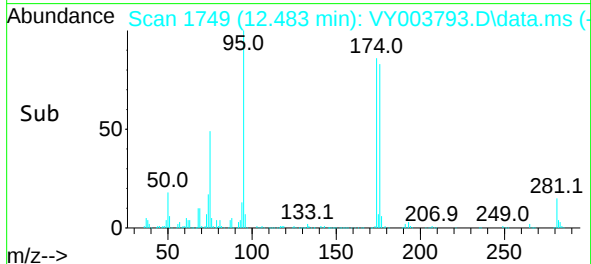
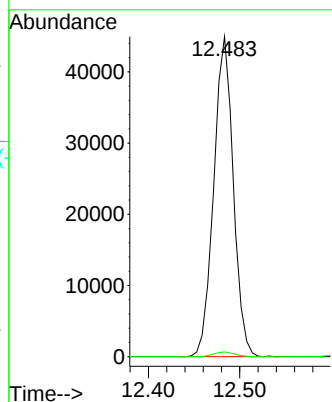
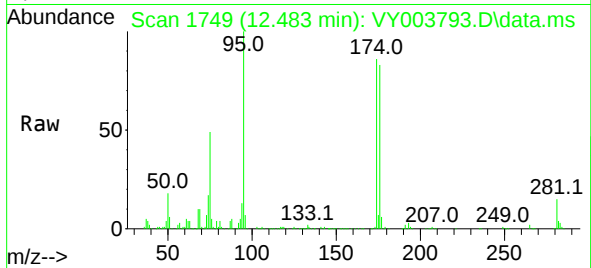




#76
1,2,3-Trichloropropane
Concen: 37.33 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY003793.D
Acq: 16 Dec 2020 10:34

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 66668
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.69 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY003793.D
Acq: 16 Dec 2020 10:34

Tgt Ion: 75 Resp: 66668
Ion Ratio Lower Upper
75 100
53 0.0 70.4 105.6#
89 0.1 0.0 0.0#

