

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121520\
 Data File : VY003788.D
 Acq On : 15 Dec 2020 20:44
 Operator : SY/MD
 Sample : L5042-07
 Misc : 5.22G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 16 05:10:29 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	214912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	366566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	337490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164593	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	140056	52.55	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.10%
35) Dibromofluoromethane	7.728	113	116800	44.05	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.10%
50) Toluene-d8	10.185	98	440511	41.96	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.92%
62) 4-Bromofluorobenzene	12.483	95	149041	41.32	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.64%

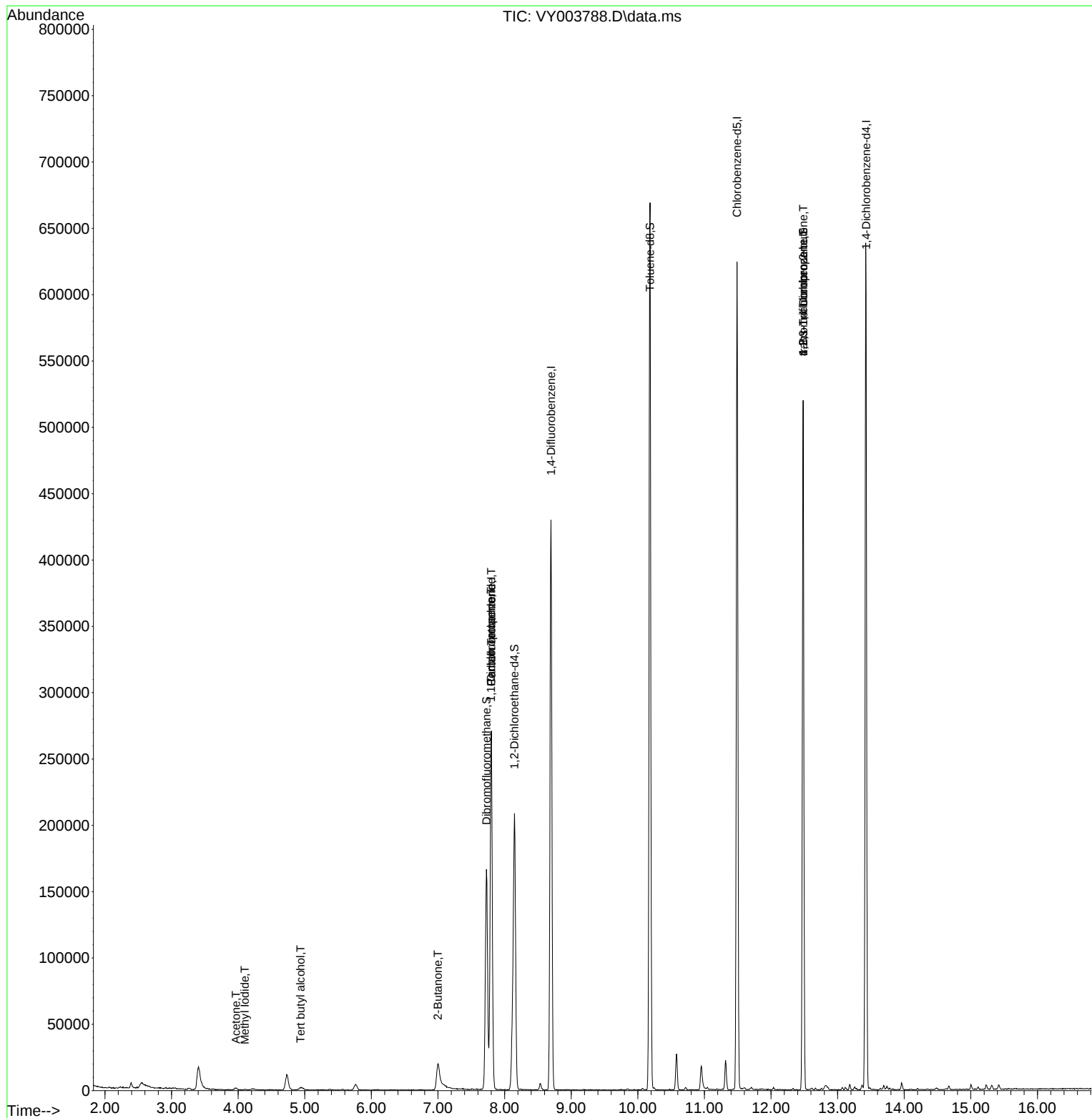
Target Compounds					Qvalue
5) Bromomethane	2.668	94	248	Below Cal	# 67
10) Methyl Iodide	4.101	142	421	3.87 ug/l	# 89
11) Tert butyl alcohol	4.936	59	1133	4.23 ug/l	# 73
16) Acetone	3.966	43	2269	3.70 ug/l	90
20) Methylene Chloride	4.735	84	8309	Below Cal	91
25) 2-Butanone	6.996	43	1536	1.55 ug/l	# 49
36) 1,1-Dichloropropene	7.795	75	15825	3.84 ug/l	# 50
38) Carbon Tetrachloride	7.801	117	19992	4.86 ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	76584	39.28 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	76584	74.38 ug/l	# 5

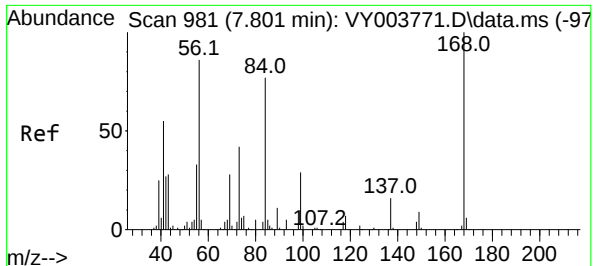
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 16 05:00:50 2020
Response via : Initial Calibration

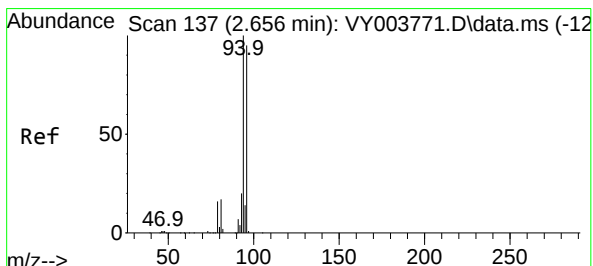
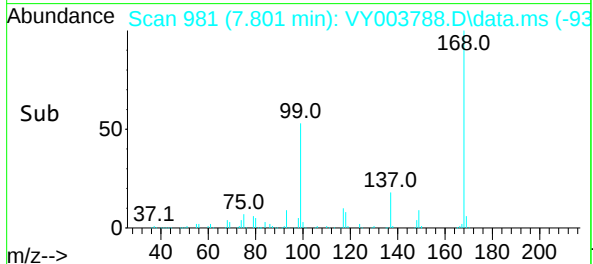
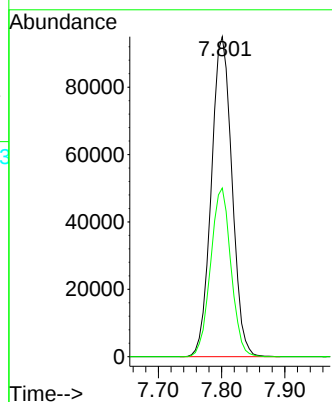
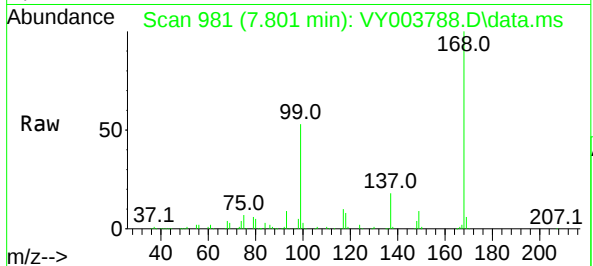




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003788.D
Acq: 15 Dec 2020 20:44

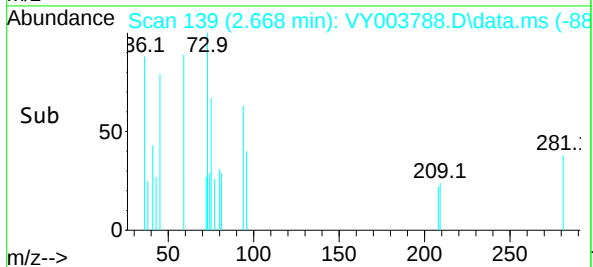
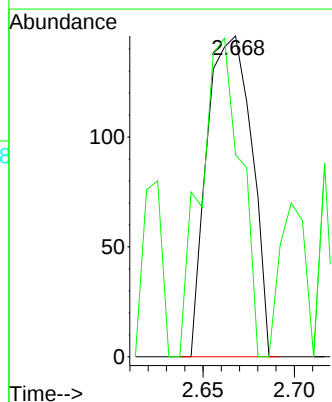
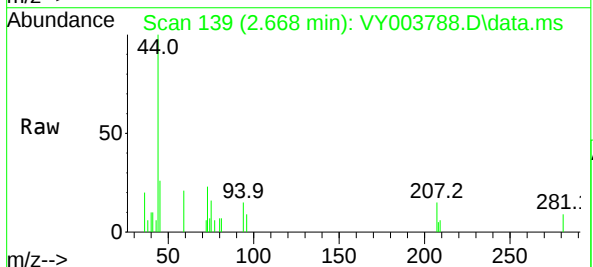
Instrument :
MSVOA_Y
ClientSampled :

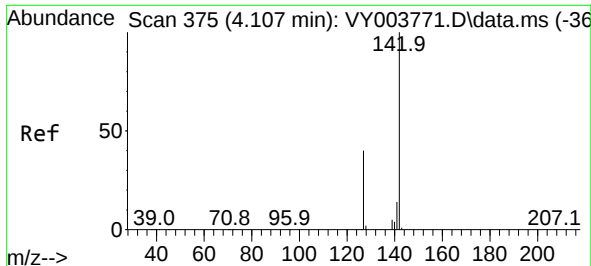
Tgt Ion:168 Resp: 214912
Ion Ratio Lower Upper
168 100
99 52.7 41.9 62.9



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY003788.D
Acq: 15 Dec 2020 20:44

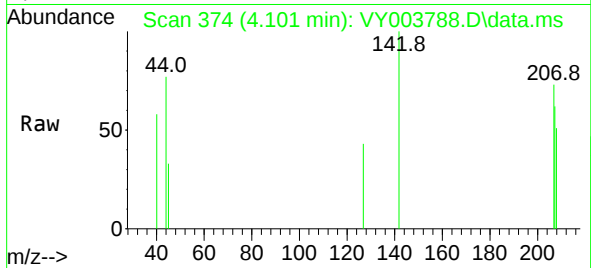
Tgt Ion: 94 Resp: 248
Ion Ratio Lower Upper
94 100
96 63.0 75.9 113.9#



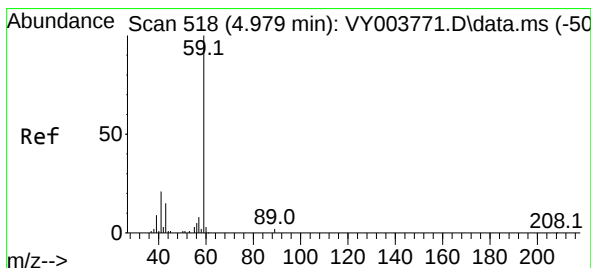
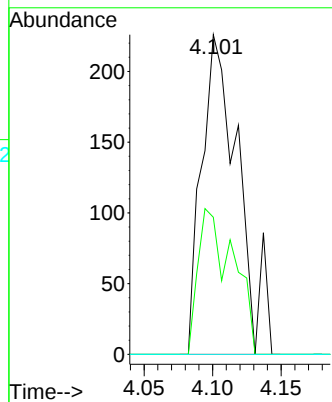
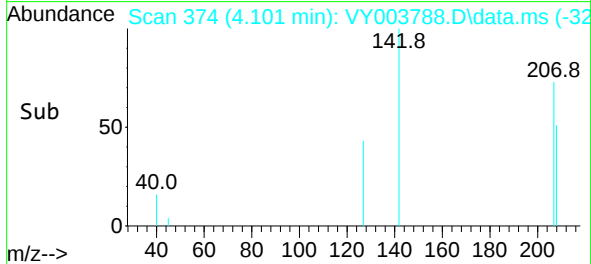


#10
Methyl Iodide
Concen: 3.87 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY003788.D
Acq: 15 Dec 2020 20:44

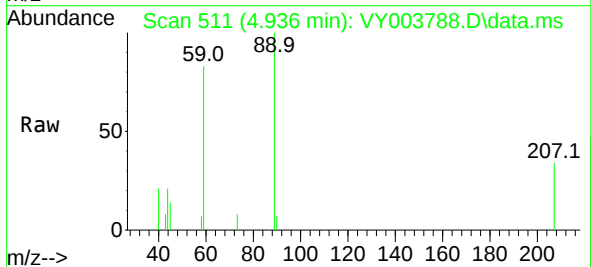
Instrument :
MSVOA_Y
ClientSampled :



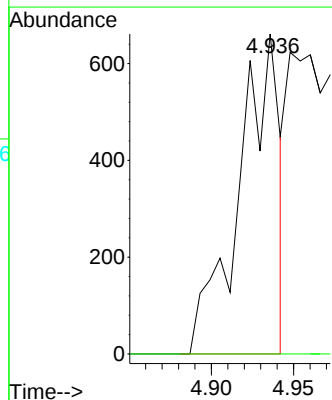
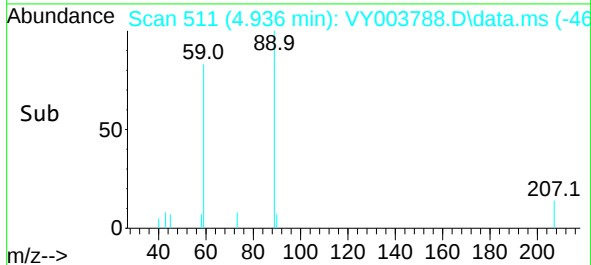
Tgt Ion:142 Resp: 421
Ion Ratio Lower Upper
142 100
127 43.7 33.7 50.5
141 0.0 11.4 17.2#

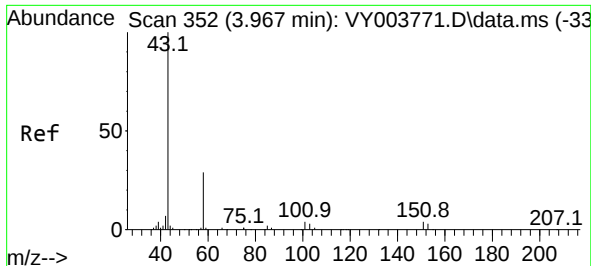


#11
Tert butyl alcohol
Concen: 4.23 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.043 min
Lab File: VY003788.D
Acq: 15 Dec 2020 20:44



Tgt Ion: 59 Resp: 1133
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

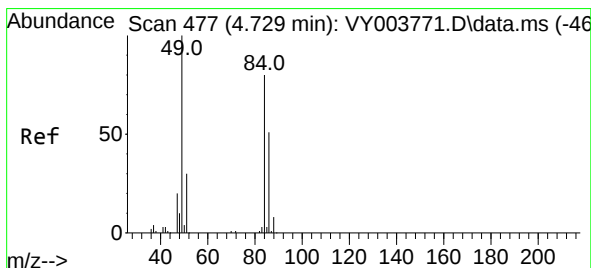
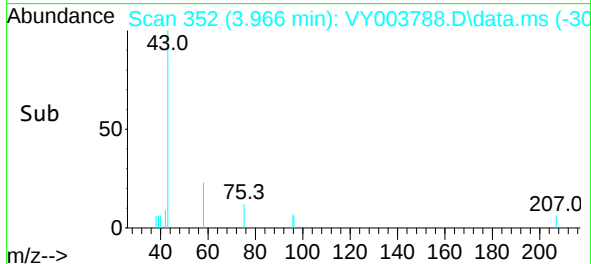
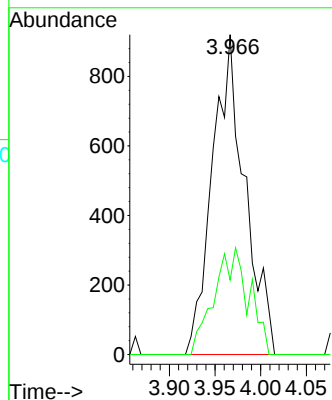
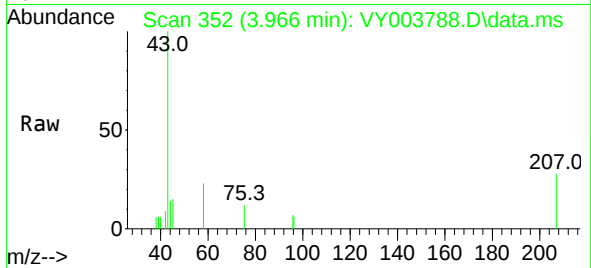




#16
Acetone
Concen: 3.70 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY003788.D
Acq: 15 Dec 2020 20:44

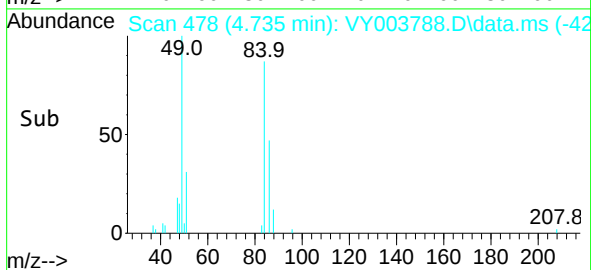
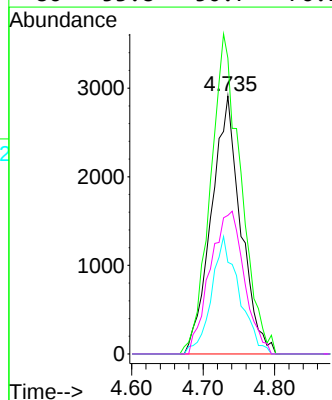
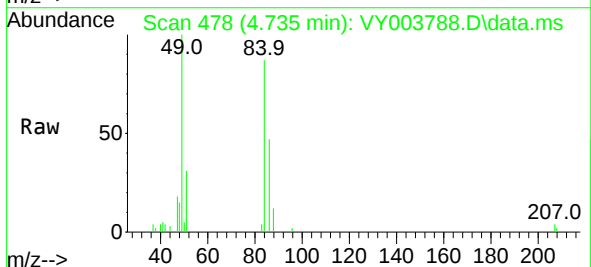
Instrument :
MSVOA_Y
ClientSampled :

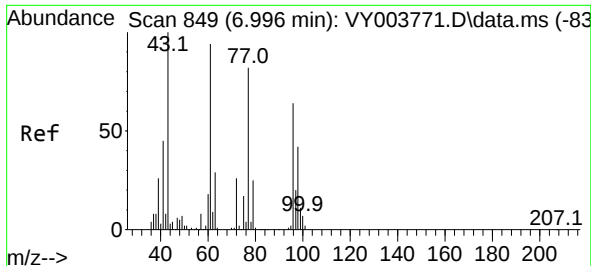
Tgt Ion: 43 Resp: 2269
Ion Ratio Lower Upper
43 100
58 23.3 22.9 34.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY003788.D
Acq: 15 Dec 2020 20:44

Tgt Ion: 84 Resp: 8309
Ion Ratio Lower Upper
84 100
49 114.7 100.4 150.6
51 35.6 30.3 45.5
86 53.8 50.7 76.1

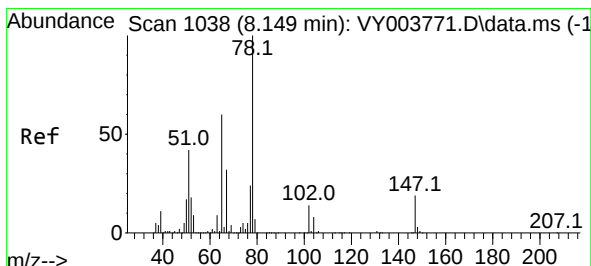
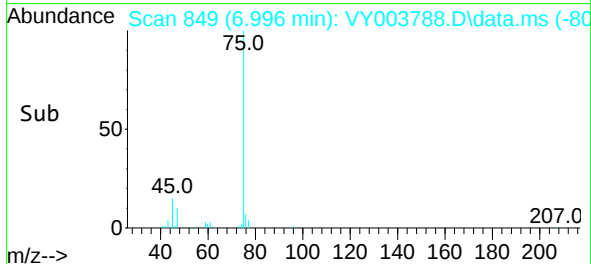
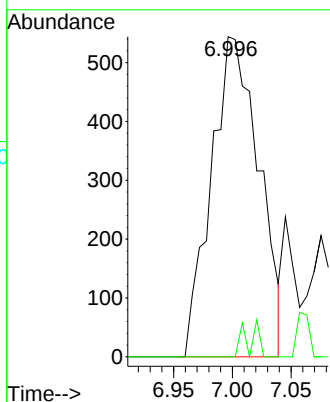
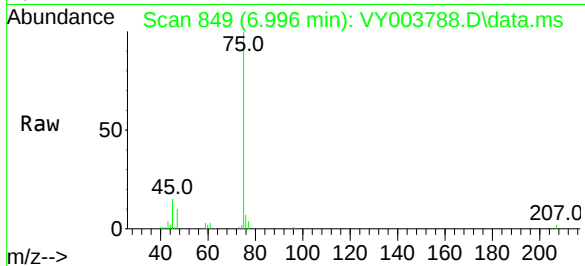




#25
2-Butanone
Concen: 1.55 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY003788.D
Acq: 15 Dec 2020 20:44

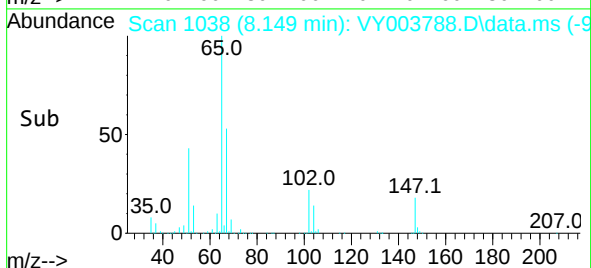
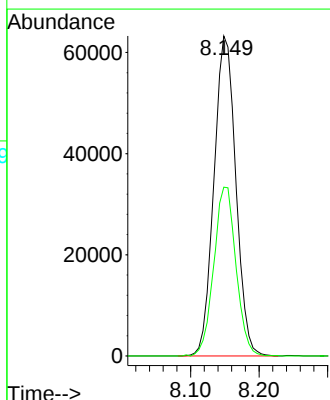
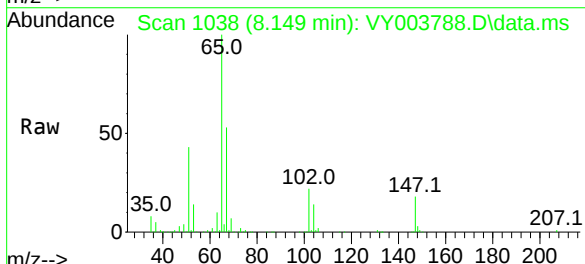
Instrument :
MSVOA_Y
ClientSampled :

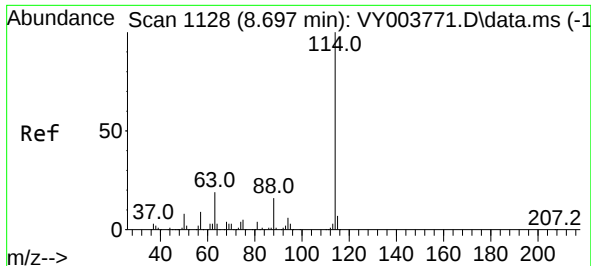
Tgt Ion: 43 Resp: 1536
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#33
1,2-Dichloroethane-d4
Concen: 52.55 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY003788.D
Acq: 15 Dec 2020 20:44

Tgt Ion: 65 Resp: 140056
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.6

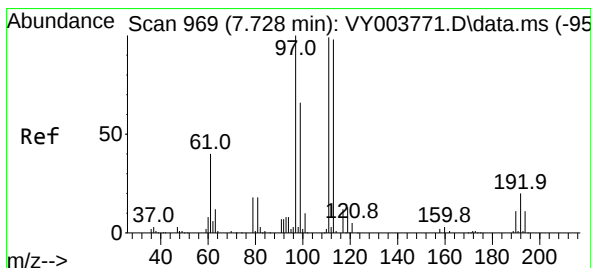
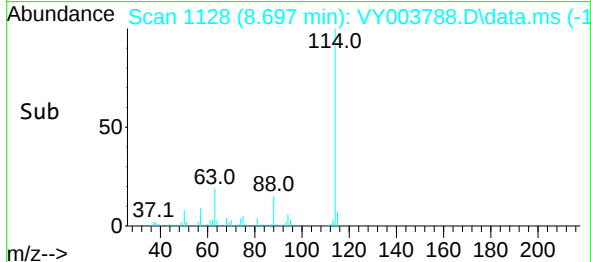
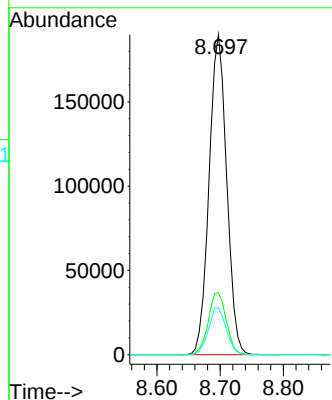
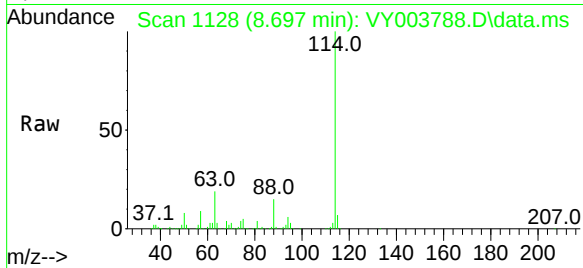




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY003788.D
Acq: 15 Dec 2020 20:44

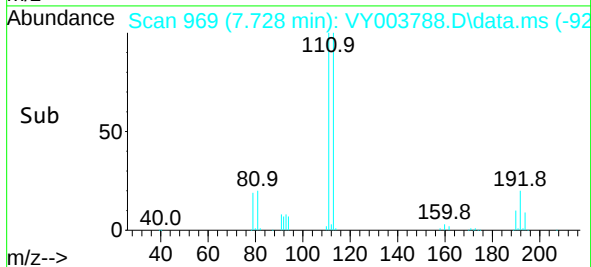
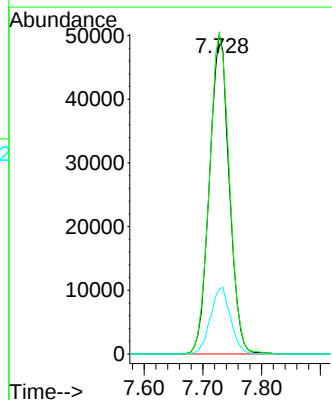
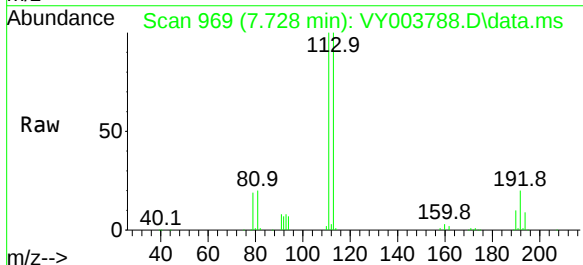
Instrument :
MSVOA_Y
ClientSampleId :

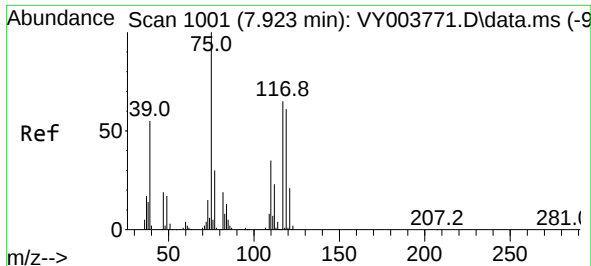
Tgt Ion:114 Resp: 366566
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.4
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.05 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY003788.D
Acq: 15 Dec 2020 20:44

Tgt Ion:113 Resp: 116800
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 21.1 16.7 25.1





#36

1,1-Dichloropropene

Concen: 3.84 ug/l

RT: 7.795 min Scan# 980

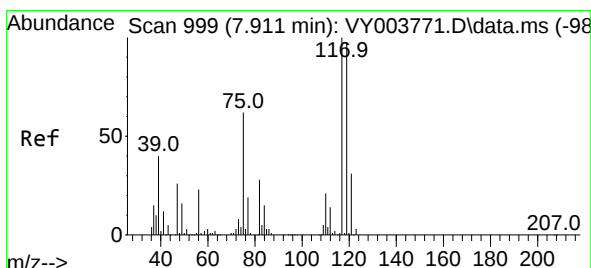
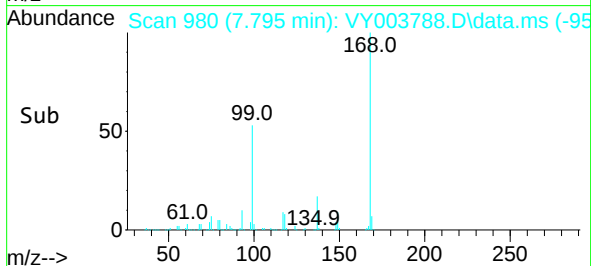
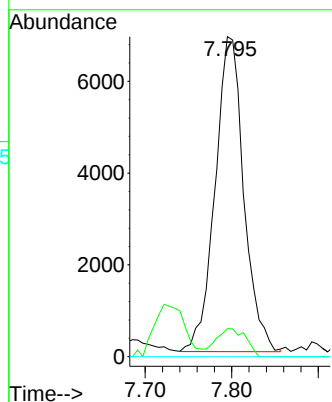
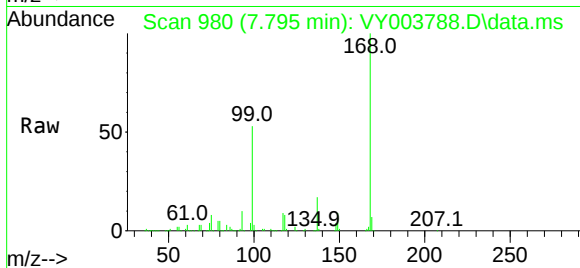
Delta R.T. -0.128 min

Lab File: VY003788.D

Acq: 15 Dec 2020 20:44

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:	75	Resp:	15825
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.1#
77	0.0	24.6	36.8#



#38

Carbon Tetrachloride

Concen: 4.86 ug/l

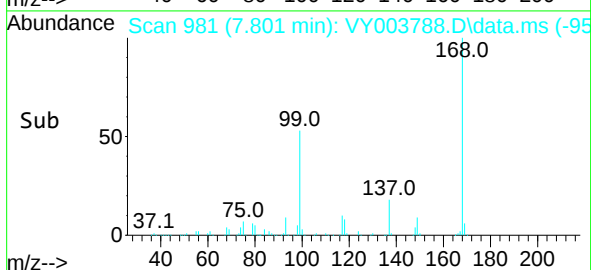
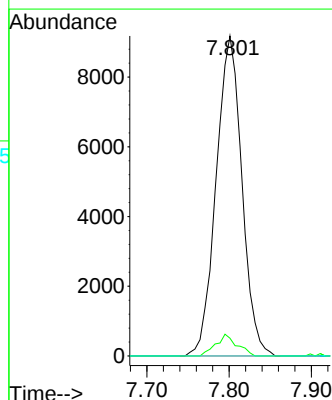
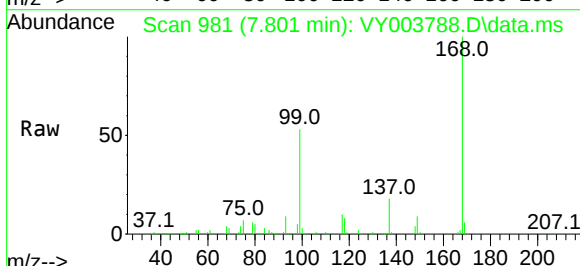
RT: 7.801 min Scan# 981

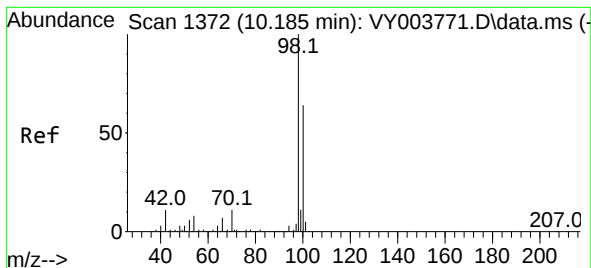
Delta R.T. -0.110 min

Lab File: VY003788.D

Acq: 15 Dec 2020 20:44

Tgt Ion:	117	Resp:	19992
Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.2	115.8#
121	0.0	25.0	37.4#

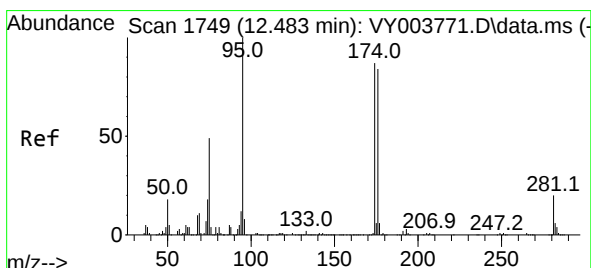
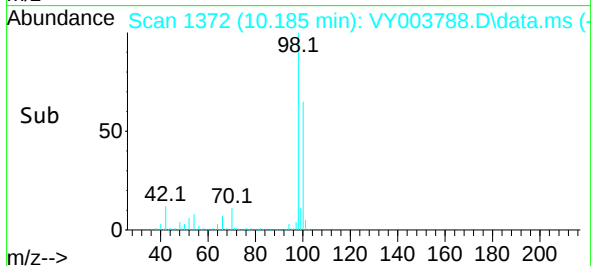
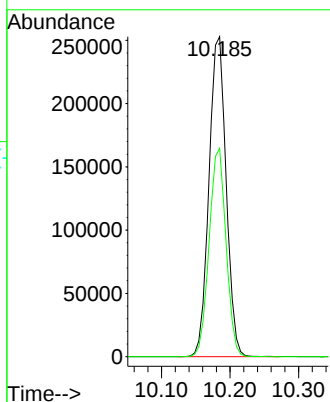
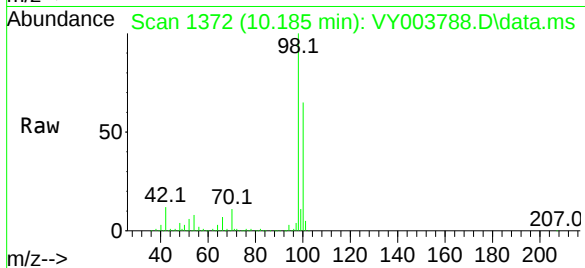




#50
Toluene-d8
Concen: 41.96 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY003788.D
Acq: 15 Dec 2020 20:44

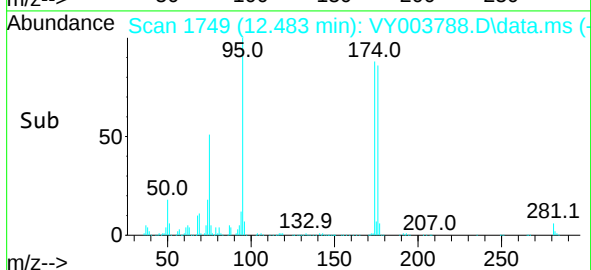
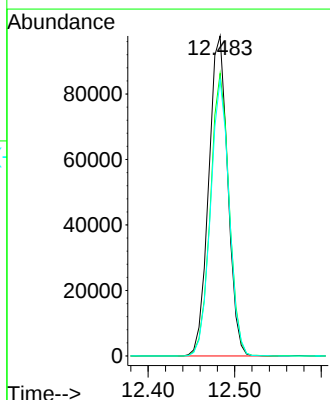
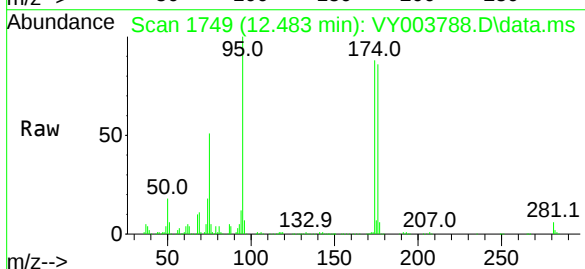
Instrument :
MSVOA_Y
ClientSampleId :

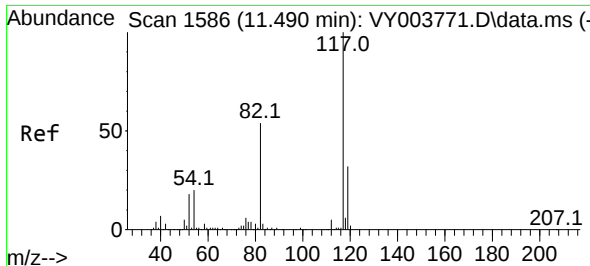
Tgt Ion: 98 Resp: 440511
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 41.32 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY003788.D
Acq: 15 Dec 2020 20:44

Tgt Ion: 95 Resp: 149041
Ion Ratio Lower Upper
95 100
174 87.0 0.0 170.8
176 84.2 0.0 165.0

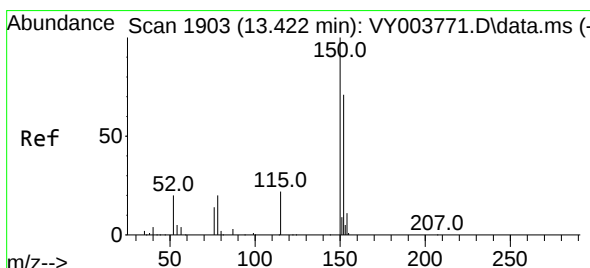
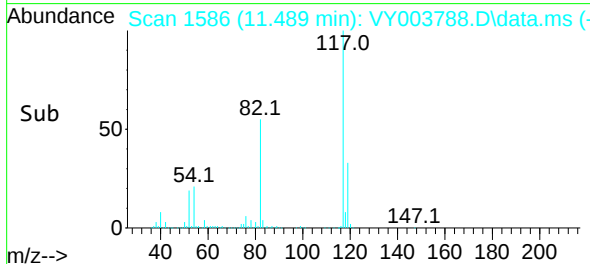
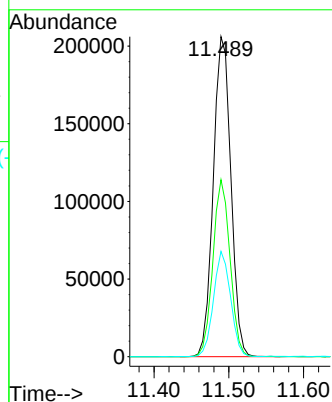
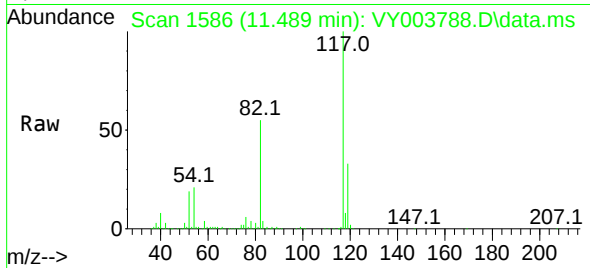




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY003788.D
Acq: 15 Dec 2020 20:44

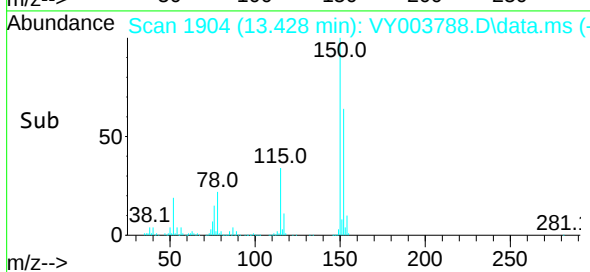
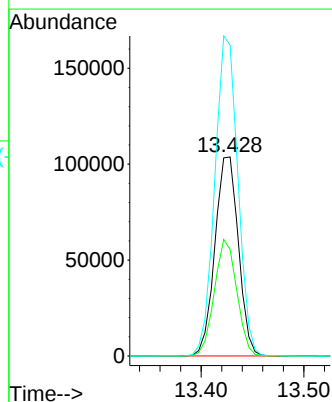
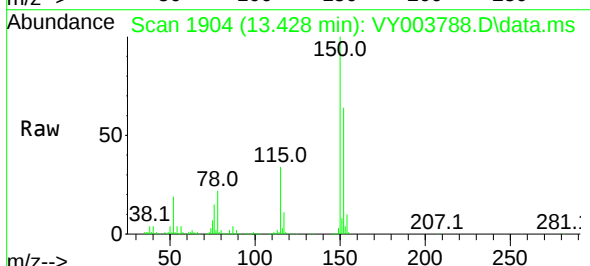
Instrument :
MSVOA_Y
ClientSampleId :

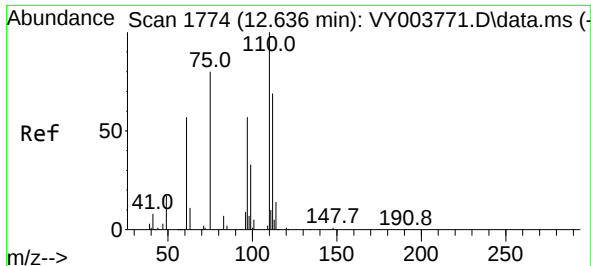
Tgt Ion:117 Resp: 337490
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.6
119 32.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY003788.D
Acq: 15 Dec 2020 20:44

Tgt Ion:152 Resp: 164593
Ion Ratio Lower Upper
152 100
115 55.8 28.0 83.9
150 157.7 0.0 347.6

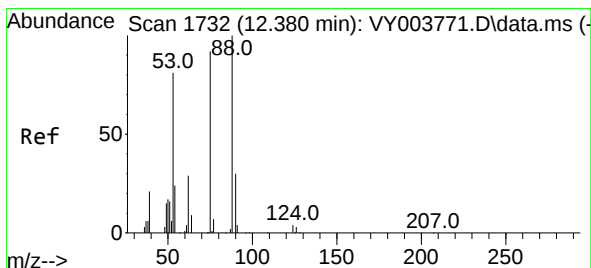
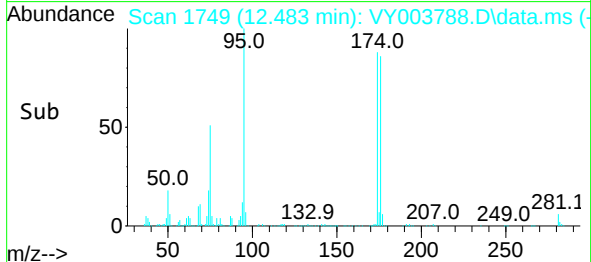
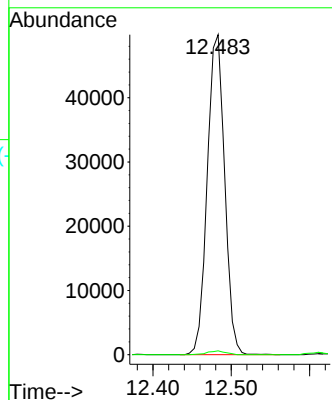
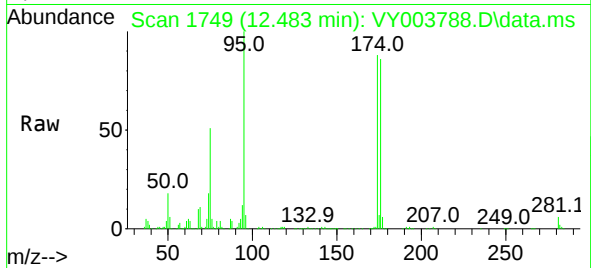




#76
1,2,3-Trichloropropane
Concen: 39.28 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY003788.D
Acq: 15 Dec 2020 20:44

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 76584
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.38 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY003788.D
Acq: 15 Dec 2020 20:44

Tgt Ion: 75 Resp: 76584
Ion Ratio Lower Upper
75 100
53 0.0 70.4 105.6#
89 0.0 0.0 0.0

