

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121520\
 Data File : VY003775.D
 Acq On : 15 Dec 2020 15:42
 Operator : SY/MD
 Sample : VY1215SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 16 05:04:49 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	235807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	380362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	332155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154176	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	125437	42.89	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.78%
35) Dibromofluoromethane	7.728	113	113558	41.27	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.54%
50) Toluene-d8	10.179	98	448560	41.18	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.36%
62) 4-Bromofluorobenzene	12.483	95	144807	38.69	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.38%

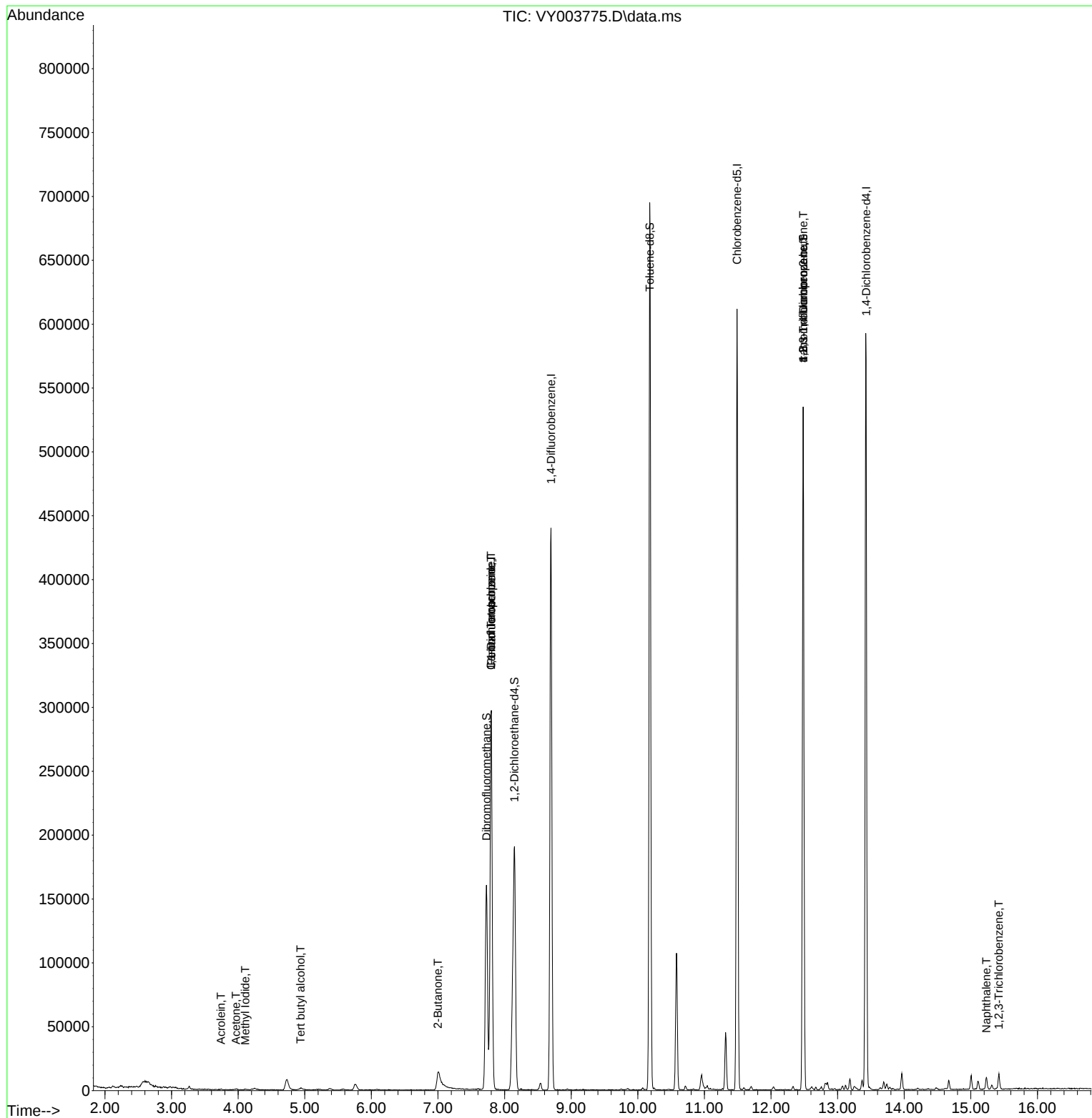
Target Compounds						Qvalue
5) Bromomethane	2.662	94	553	Below Cal	#	62
10) Methyl Iodide	4.107	142	899	4.00	ug/l #	43
11) Tert butyl alcohol	4.936	59	1182	4.03	ug/l #	73
13) Acrolein	3.741	56	405	1.40	ug/l #	43
16) Acetone	3.966	43	1345	2.00	ug/l	96
20) Methylene Chloride	4.735	84	5766	Below Cal	#	93
25) 2-Butanone	6.996	43	1426	1.31	ug/l	97
36) 1,1-Dichloropropene	7.795	75	16993	3.97	ug/l #	50
38) Carbon Tetrachloride	7.795	117	21821	5.11	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	74227	40.64	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74227	76.96	ug/l #	5
95) Naphthalene	15.233	128	7360	1.09	ug/l	96
96) 1,2,3-Trichlorobenzene	15.422	180	3922	1.31	ug/l	94

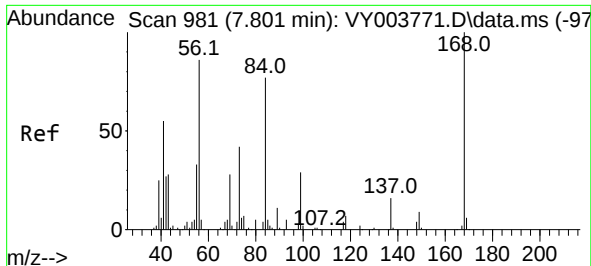
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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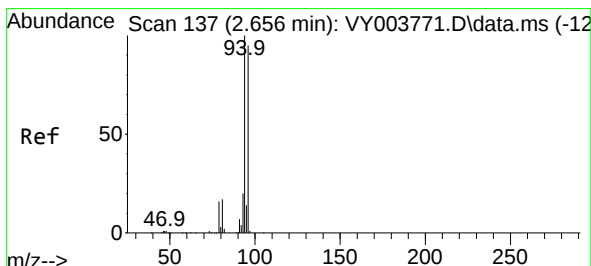
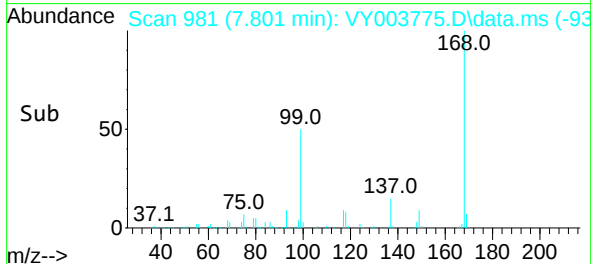
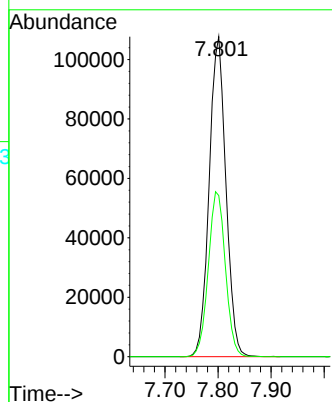
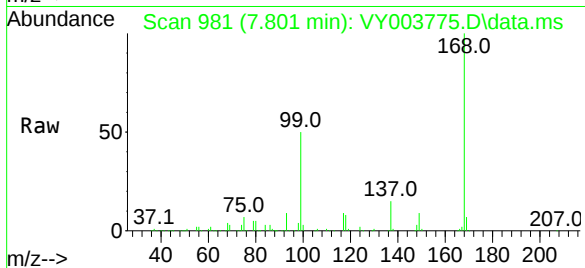




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003775.D
Acq: 15 Dec 2020 15:42

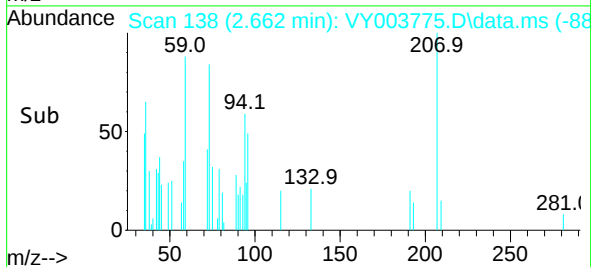
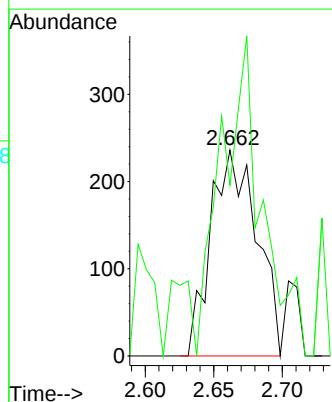
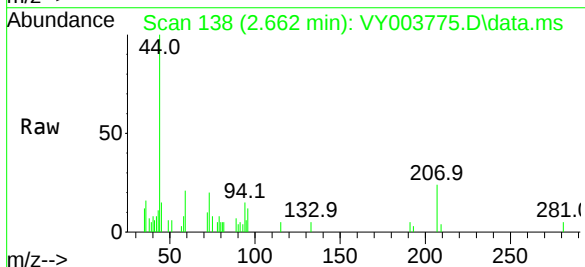
Instrument :
MSVOA_Y
ClientSampleId :

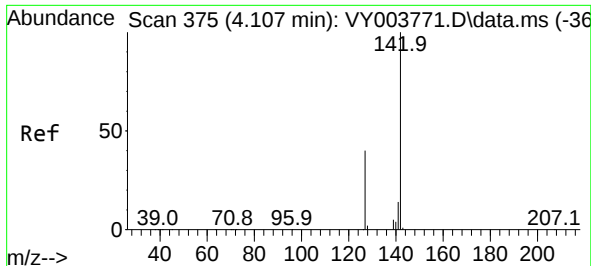
Tgt Ion:168 Resp: 235807
Ion Ratio Lower Upper
168 100
99 50.4 41.9 62.9



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY003775.D
Acq: 15 Dec 2020 15:42

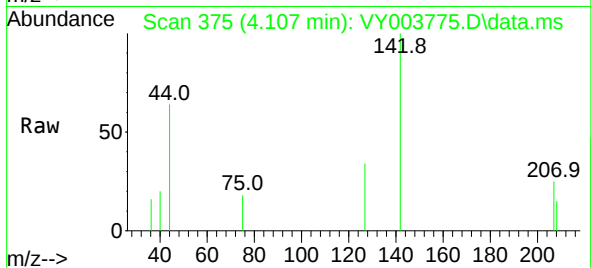
Tgt Ion: 94 Resp: 553
Ion Ratio Lower Upper
94 100
96 58.5 75.9 113.9#



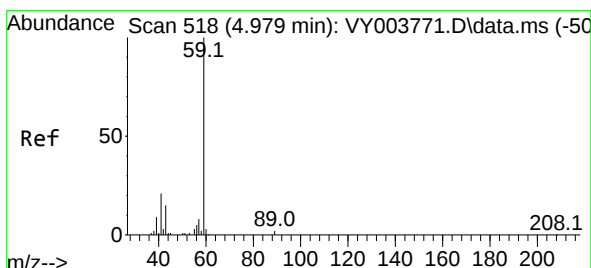
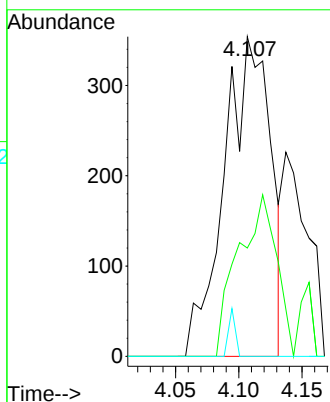
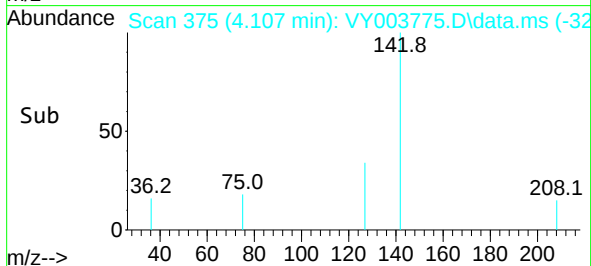


#10
Methyl Iodide
Concen: 4.00 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY003775.D
Acq: 15 Dec 2020 15:42

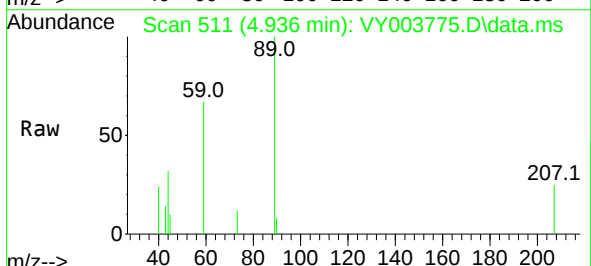
Instrument :
MSVOA_Y
ClientSampled :



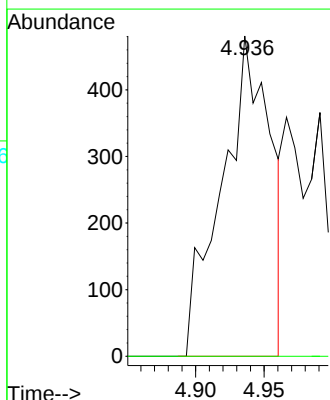
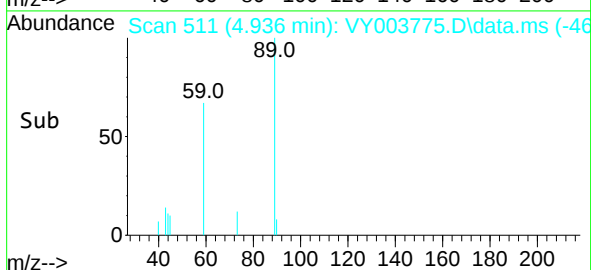
Tgt Ion:142 Resp: 899
Ion Ratio Lower Upper
142 100
127 0.0 33.7 50.5#
141 2.1 11.4 17.2#

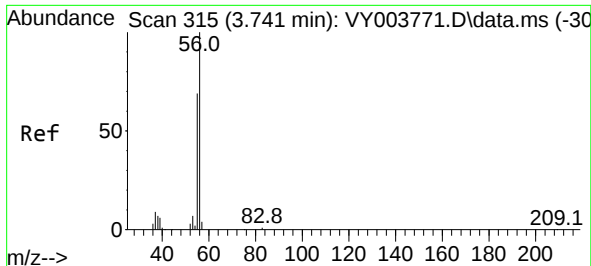


#11
Tert butyl alcohol
Concen: 4.03 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.043 min
Lab File: VY003775.D
Acq: 15 Dec 2020 15:42



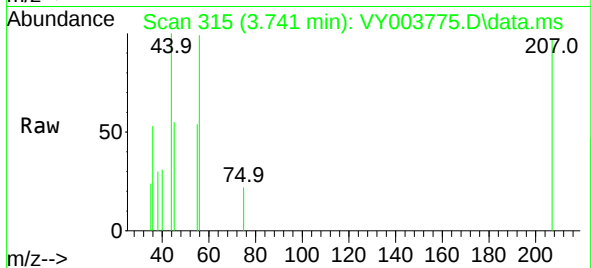
Tgt Ion: 59 Resp: 1182
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



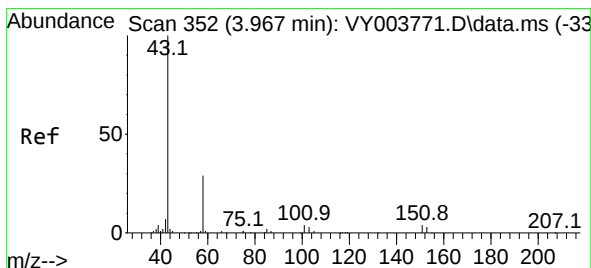
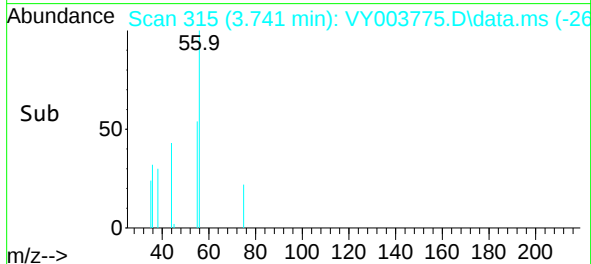
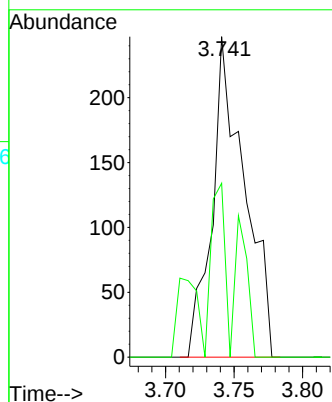


#13
Acrolein
Concen: 1.40 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY003775.D
Acq: 15 Dec 2020 15:42

Instrument :
MSVOA_Y
ClientSampled :

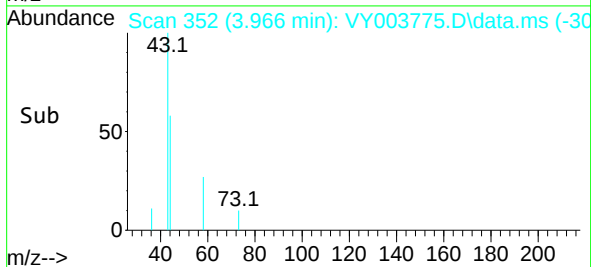
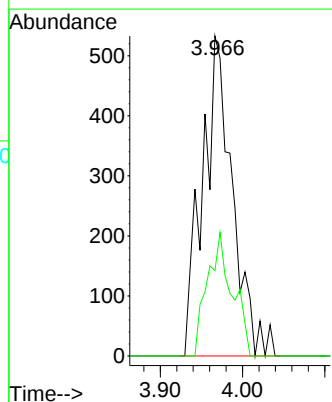
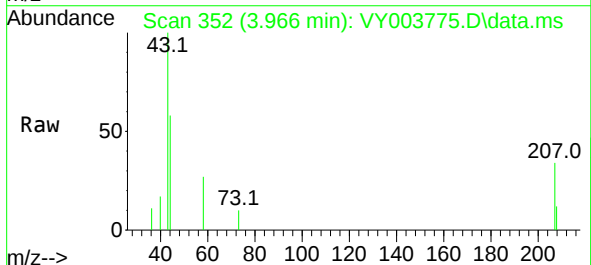


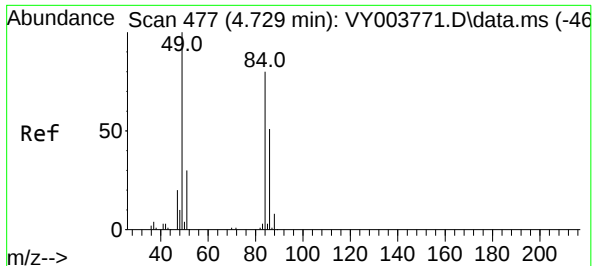
Tgt Ion: 56 Resp: 405
Ion Ratio Lower Upper
56 100
55 23.2 56.2 84.4#



#16
Acetone
Concen: 2.00 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY003775.D
Acq: 15 Dec 2020 15:42

Tgt Ion: 43 Resp: 1345
Ion Ratio Lower Upper
43 100
58 26.6 22.9 34.3





#20

Methylene Chloride

Concen: Below Cal

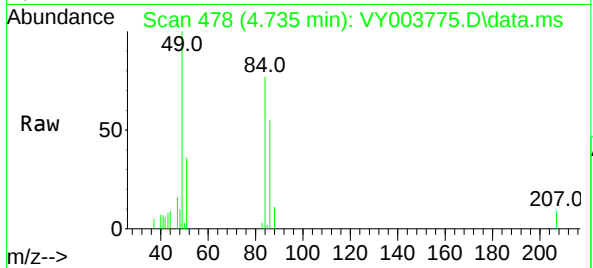
RT: 4.735 min Scan# 478

Delta R.T. 0.006 min

Lab File: VY003775.D

Acq: 15 Dec 2020 15:42

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion: 84 Resp: 5766

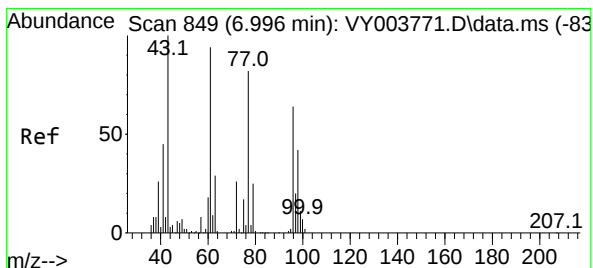
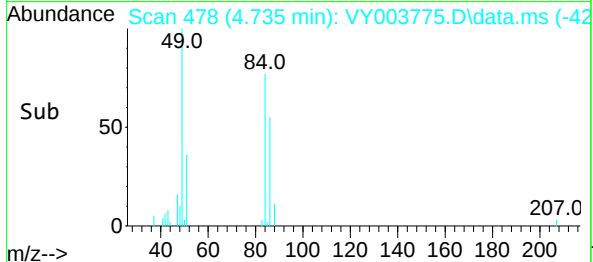
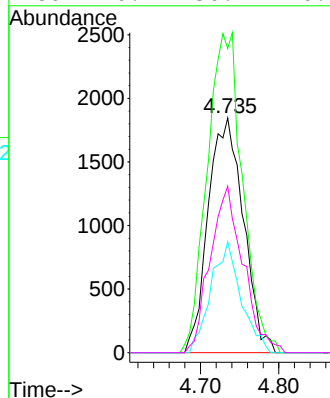
Ion Ratio Lower Upper

84 100

49 129.6 100.4 150.6

51 47.2 30.3 45.5#

86 70.9 50.7 76.1



#25

2-Butanone

Concen: 1.31 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY003775.D

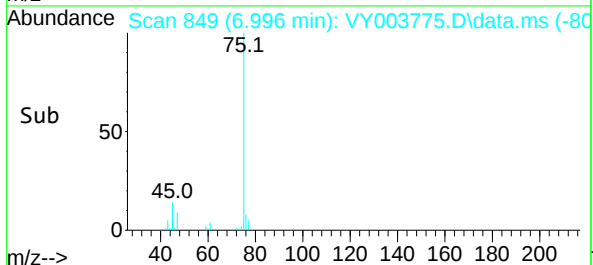
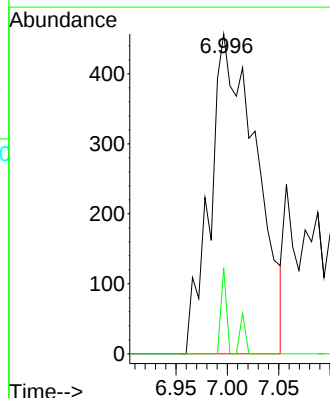
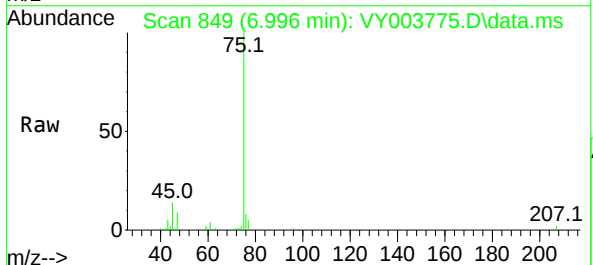
Acq: 15 Dec 2020 15:42

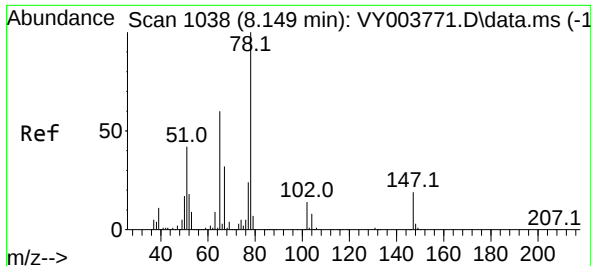
Tgt Ion: 43 Resp: 1426

Ion Ratio Lower Upper

43 100

72 26.9 20.5 30.7

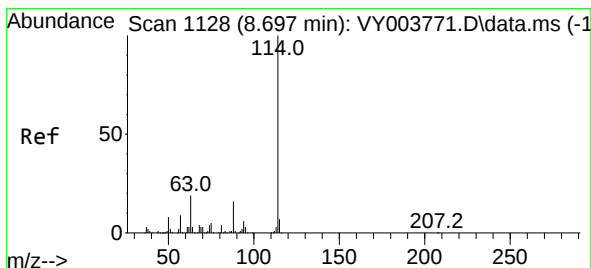
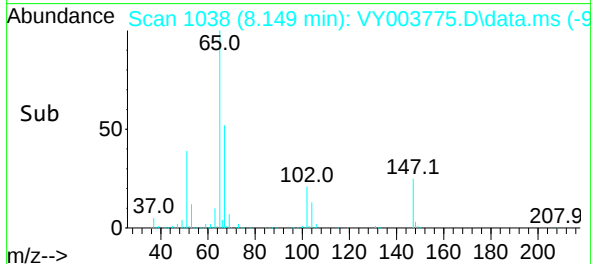
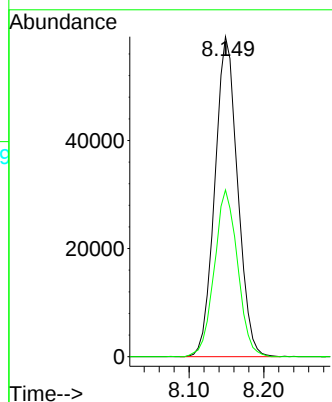
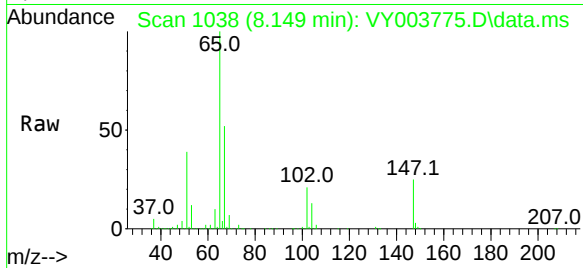




#33
 1,2-Dichloroethane-d4
 Concen: 42.89 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY003775.D
 Acq: 15 Dec 2020 15:42

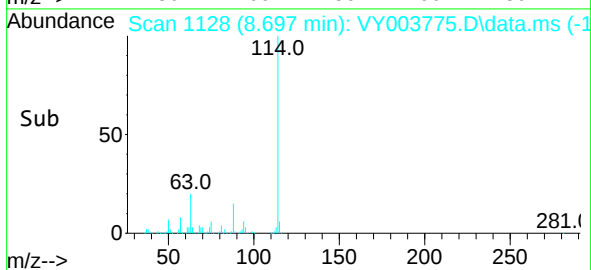
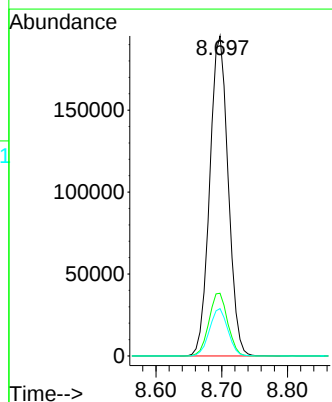
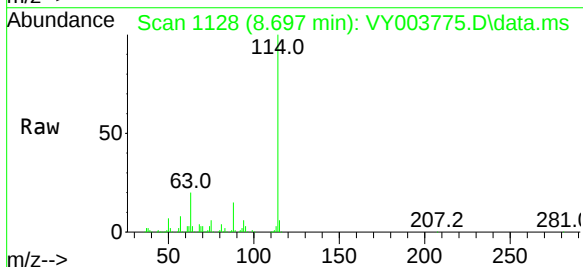
Instrument :
 MSVOA_Y
 ClientSampleId :

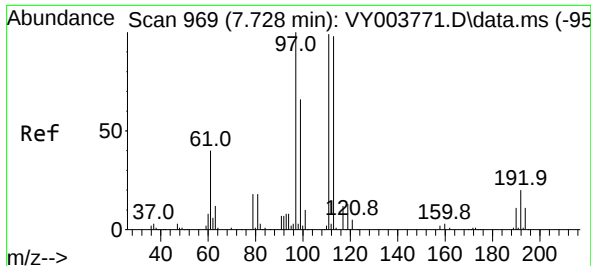
Tgt Ion: 65 Resp: 125437
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY003775.D
 Acq: 15 Dec 2020 15:42

Tgt Ion:114 Resp: 380362
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.4
 88 14.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 41.27 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY003775.D

Acq: 15 Dec 2020 15:42

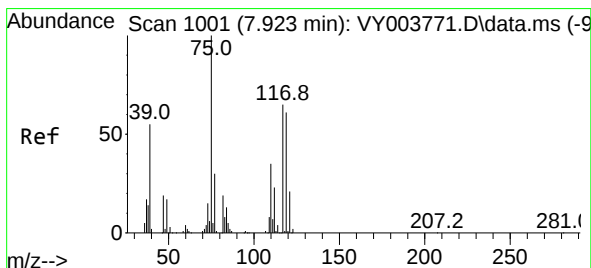
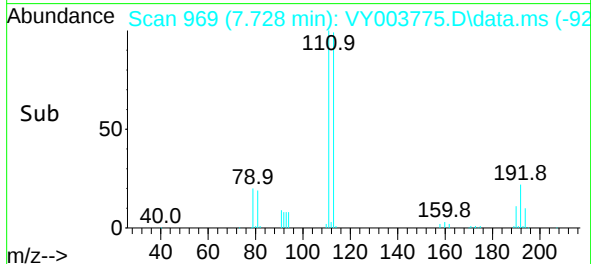
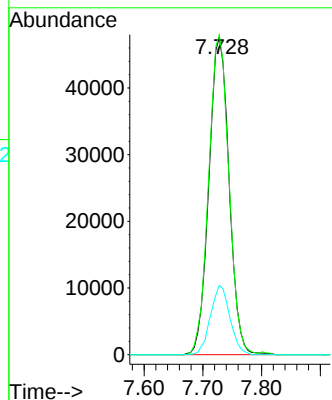
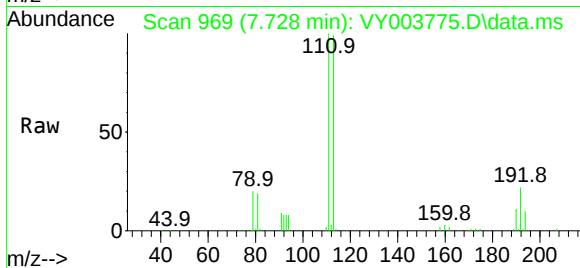
Tgt Ion:113 Resp: 113558

Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.2

192 21.0 16.7 25.1



#36

1,1-Dichloropropene

Concen: 3.97 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY003775.D

Acq: 15 Dec 2020 15:42

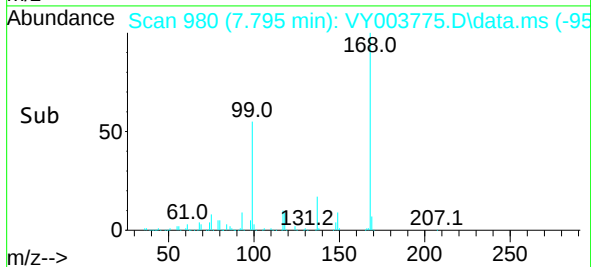
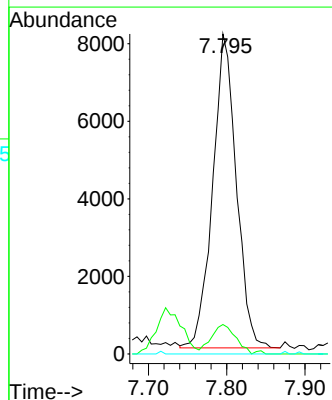
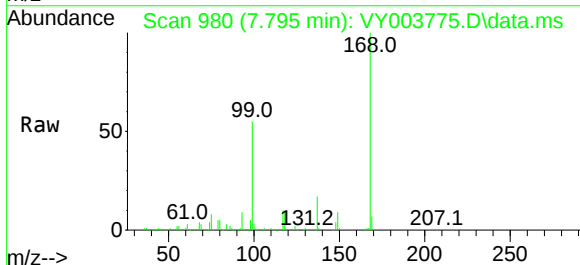
Tgt Ion: 75 Resp: 16993

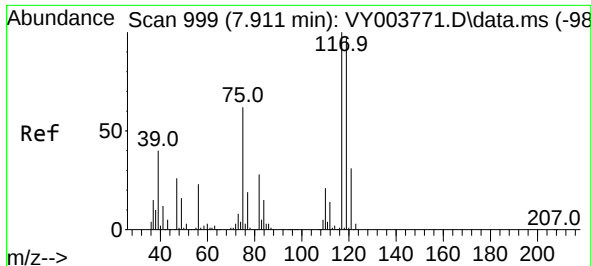
Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.1#

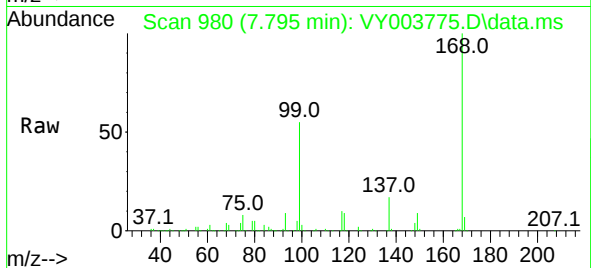
77 0.0 24.6 36.8#



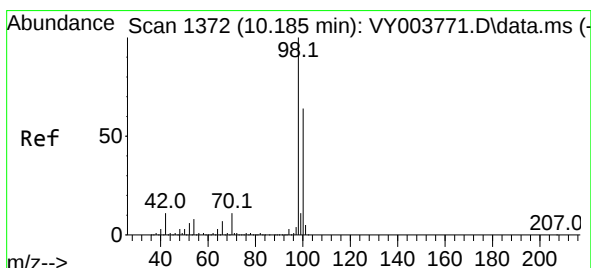
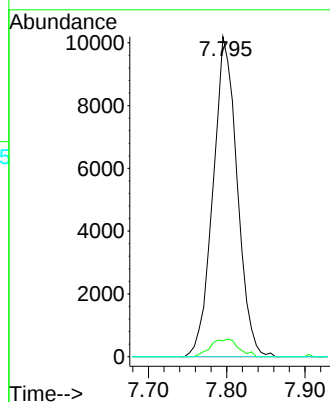
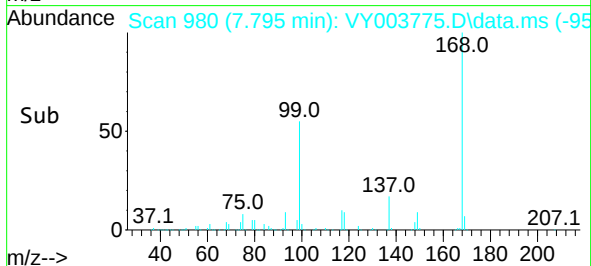


#38
Carbon Tetrachloride
Concen: 5.11 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY003775.D
Acq: 15 Dec 2020 15:42

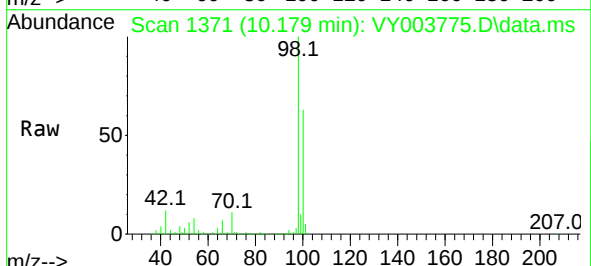
Instrument :
MSVOA_Y
ClientSampleId :



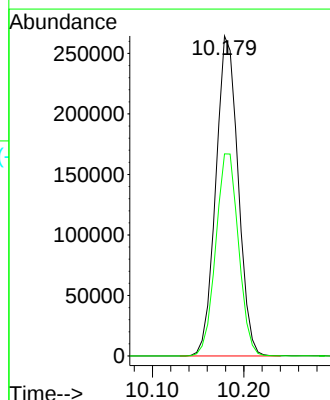
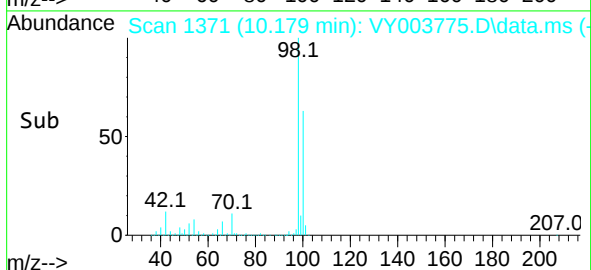
Tgt Ion:117 Resp: 21821
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 25.0 37.4#

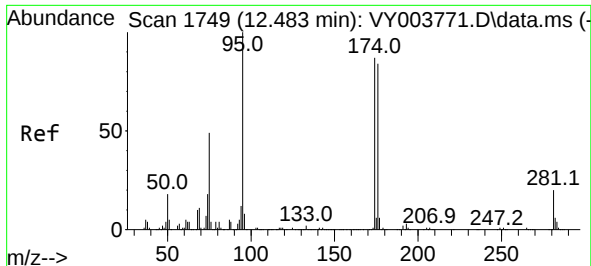


#50
Toluene-d8
Concen: 41.18 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY003775.D
Acq: 15 Dec 2020 15:42



Tgt Ion: 98 Resp: 448560
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4

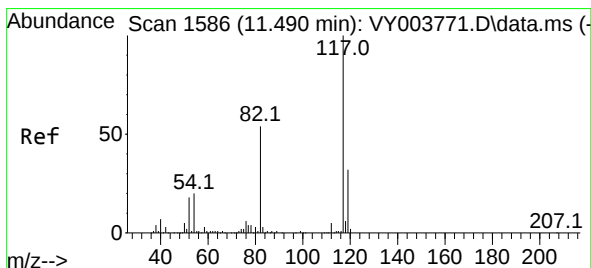
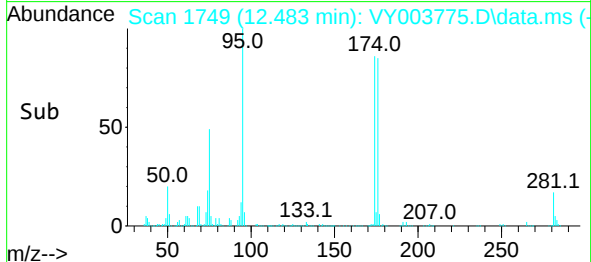
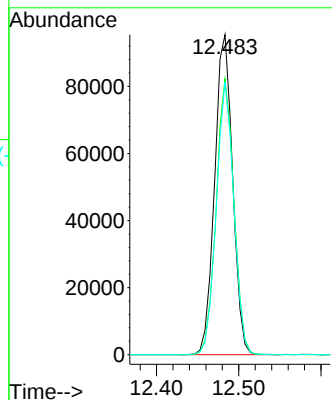
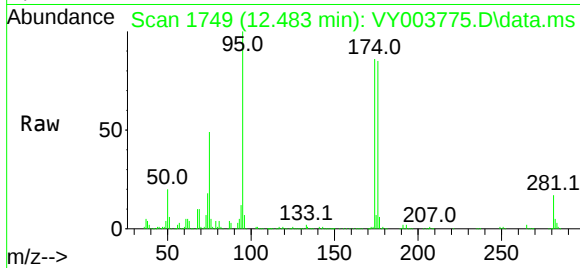




#62
4-Bromofluorobenzene
Concen: 38.69 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY003775.D
Acq: 15 Dec 2020 15:42

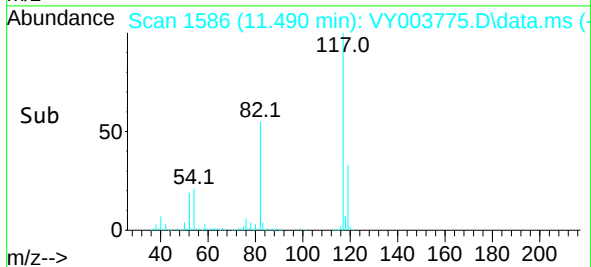
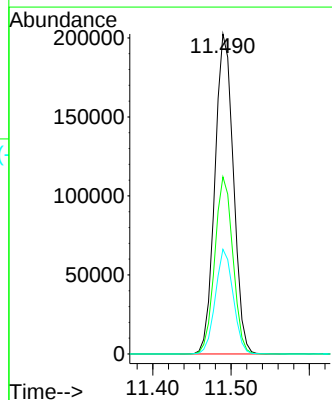
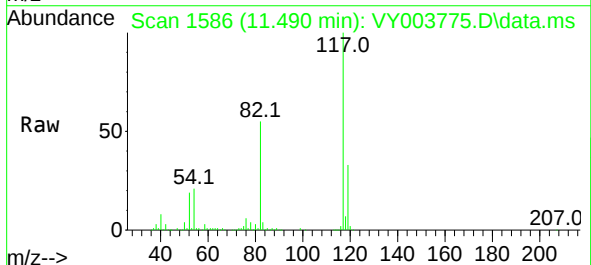
Instrument :
MSVOA_Y
ClientSampleId :

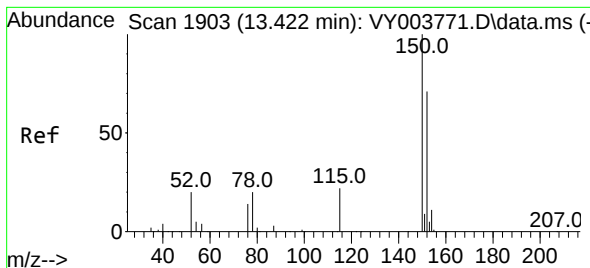
Tgt Ion: 95 Resp: 144807
Ion Ratio Lower Upper
95 100
174 85.4 0.0 170.8
176 82.9 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY003775.D
Acq: 15 Dec 2020 15:42

Tgt Ion: 117 Resp: 332155
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.6
119 32.7 25.7 38.5

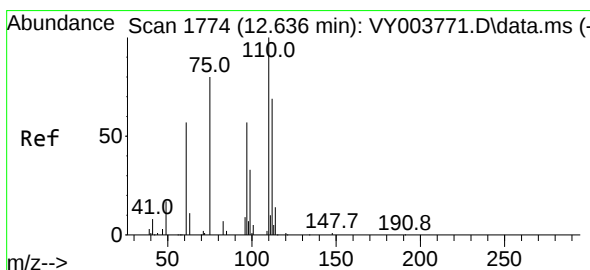
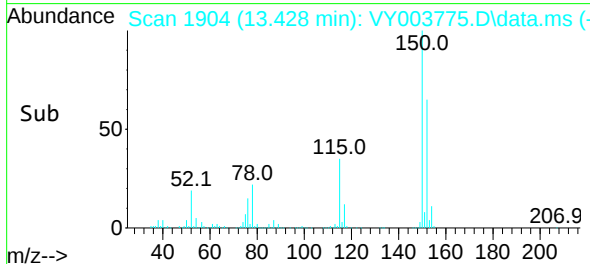
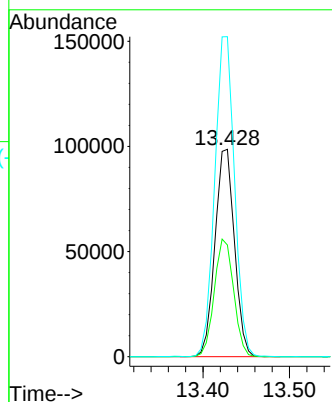
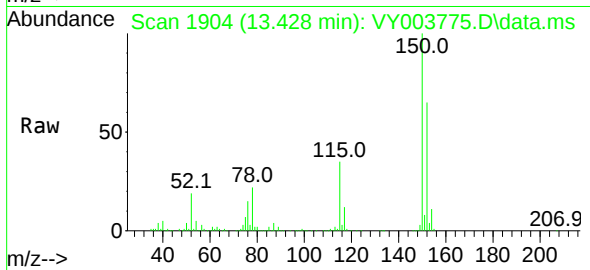




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY003775.D
Acq: 15 Dec 2020 15:42

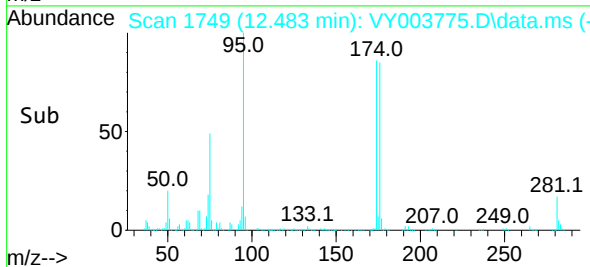
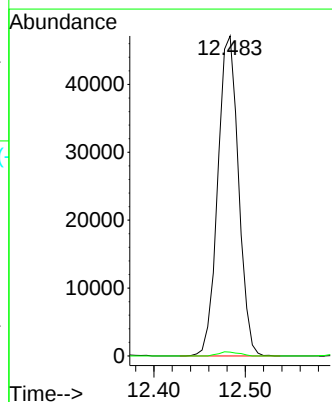
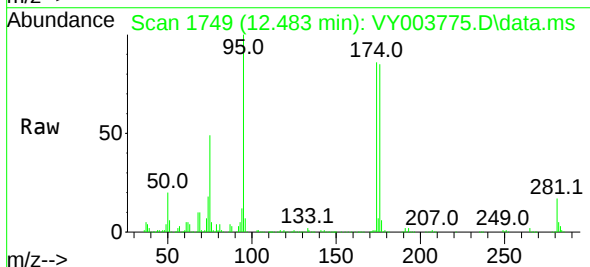
Instrument :
MSVOA_Y
ClientSampleId :

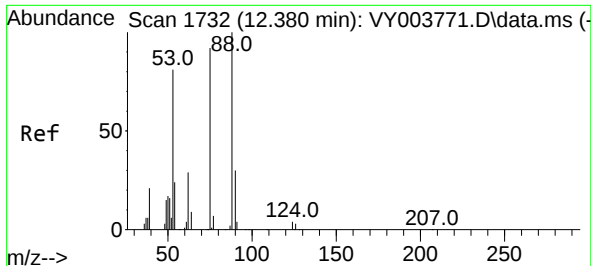
Tgt Ion:152 Resp: 154176
Ion Ratio Lower Upper
152 100
115 56.4 28.0 83.9
150 156.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 40.64 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY003775.D
Acq: 15 Dec 2020 15:42

Tgt Ion: 75 Resp: 74227
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

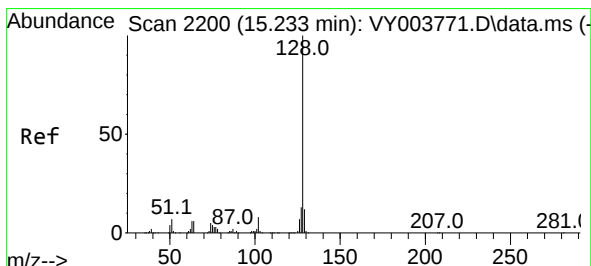
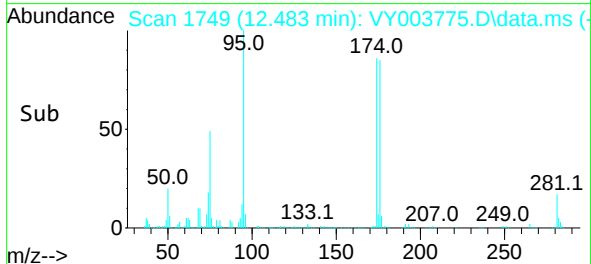
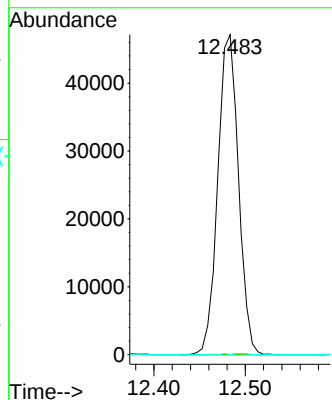
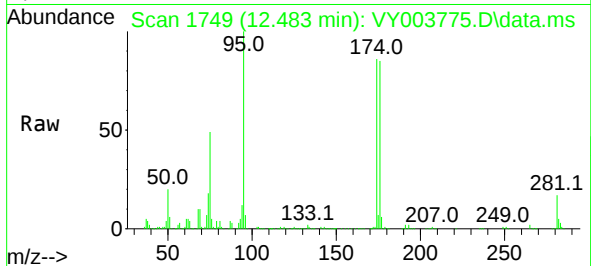




#81
trans-1,4-Dichloro-2-butene
Concen: 76.96 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY003775.D
Acq: 15 Dec 2020 15:42

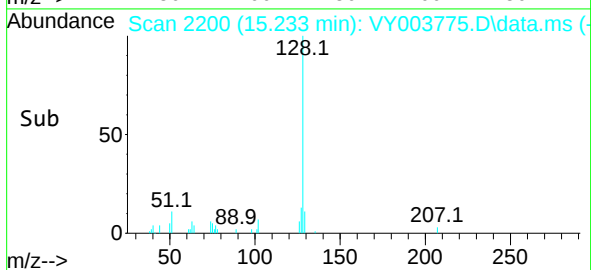
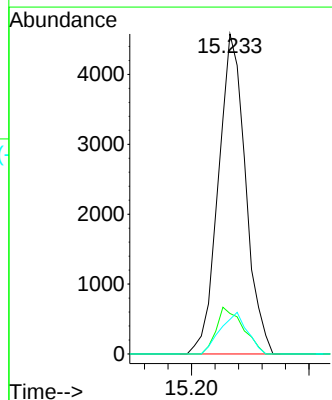
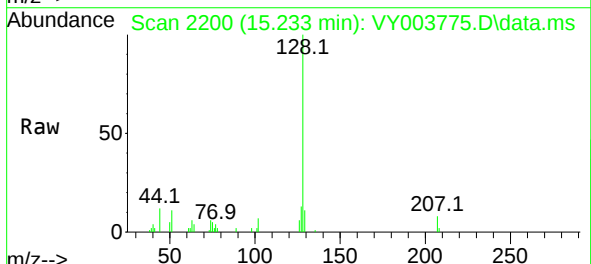
Instrument :
MSVOA_Y
ClientSampleId :

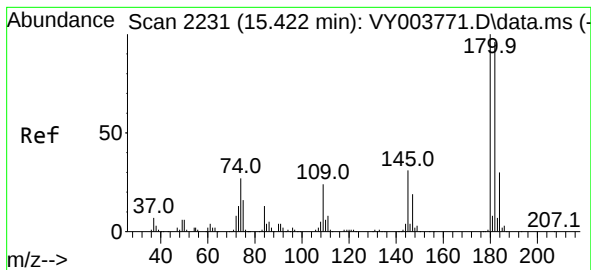
Tgt Ion: 75 Resp: 74227
Ion Ratio Lower Upper
75 100
53 0.0 70.4 105.6#
89 0.2 0.0 0.0#



#95
Naphthalene
Concen: 1.09 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY003775.D
Acq: 15 Dec 2020 15:42

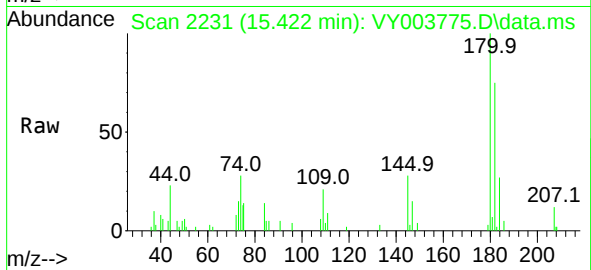
Tgt Ion: 128 Resp: 7360
Ion Ratio Lower Upper
128 100
127 14.4 10.3 15.5
129 12.9 9.0 13.4





#96
 1,2,3-Trichlorobenzene
 Concen: 1.31 ug/l
 RT: 15.422 min Scan# 2231
 Delta R.T. -0.000 min
 Lab File: VY003775.D
 Acq: 15 Dec 2020 15:42

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	3922
Ion Ratio	Lower	Upper	
180	100		
182	88.9	47.9	143.8
145	30.1	15.4	46.1

