

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121520\
 Data File : VY003784.D
 Acq On : 15 Dec 2020 19:11
 Operator : SY/MD
 Sample : L5043-09
 Misc : 5.35G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 16 05:08:37 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	220945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	375353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	339634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	166385	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	139977	51.08	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.16%
35) Dibromofluoromethane	7.728	113	118359	43.59	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.18%
50) Toluene-d8	10.179	98	443331	41.24	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.48%
62) 4-Bromofluorobenzene	12.483	95	151277	40.96	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.92%

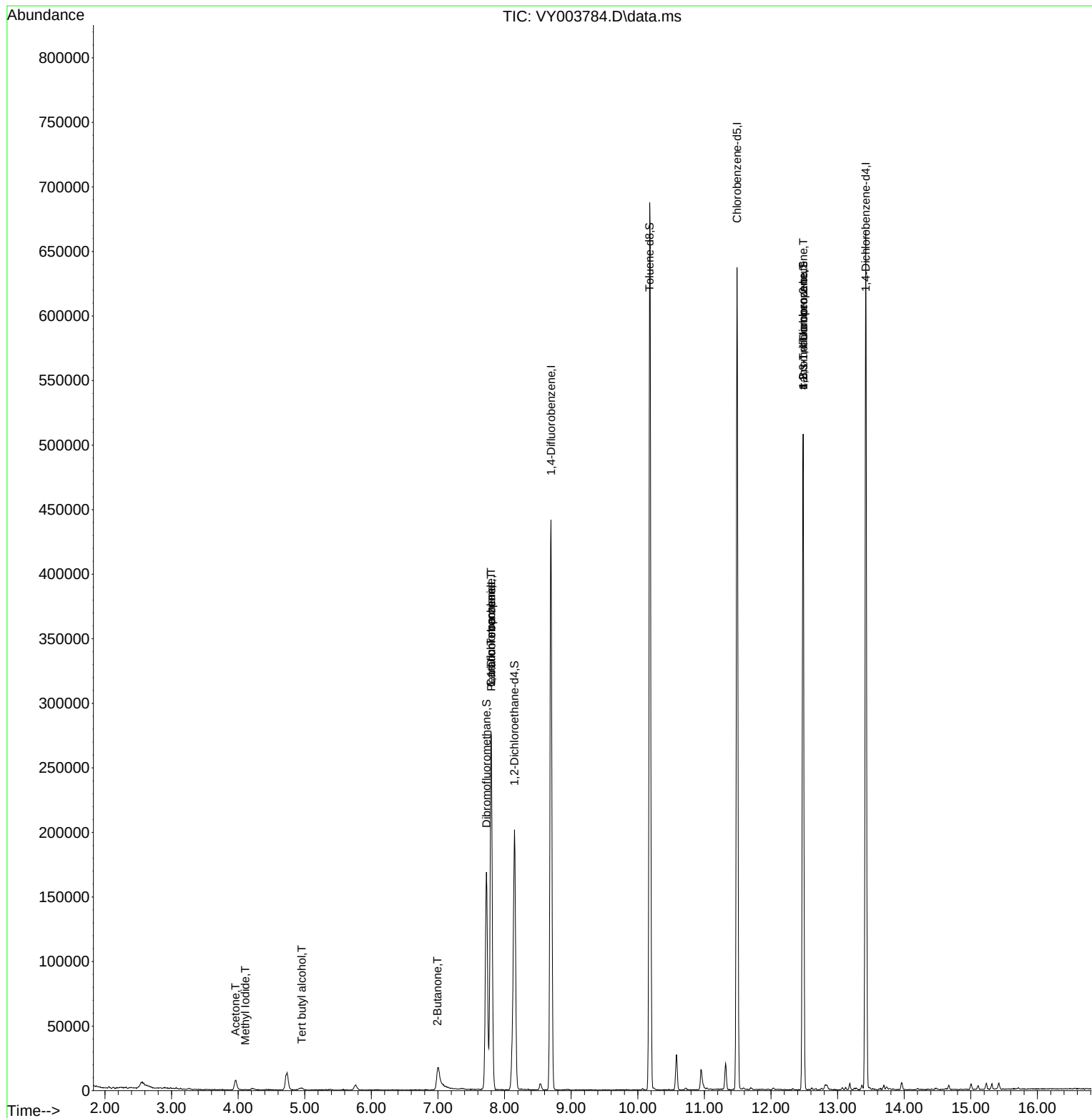
Target Compounds					Qvalue
5) Bromomethane	2.662	94	113	Below Cal	# 41
10) Methyl Iodide	4.107	142	373	3.85 ug/l	# 82
11) Tert butyl alcohol	4.954	59	2334	8.48 ug/l	# 73
16) Acetone	3.960	43	12813	20.33 ug/l	90
20) Methylene Chloride	4.735	84	9524	Below Cal	94
25) 2-Butanone	6.990	43	3160	3.10 ug/l	# 79
36) 1,1-Dichloropropene	7.795	75	17162	4.07 ug/l	# 49
38) Carbon Tetrachloride	7.795	117	20537	4.87 ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	76434	38.78 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	76434	73.43 ug/l	# 5

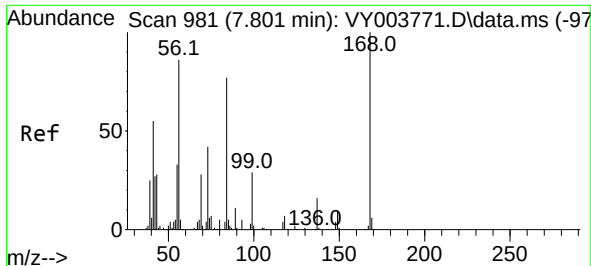
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

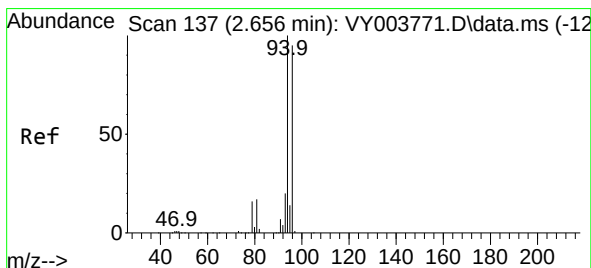
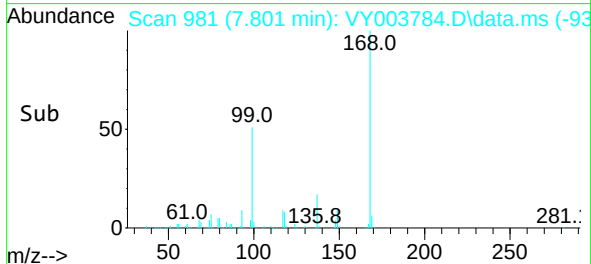
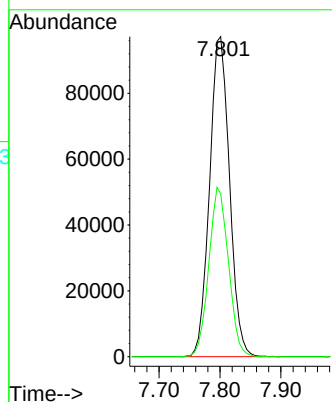
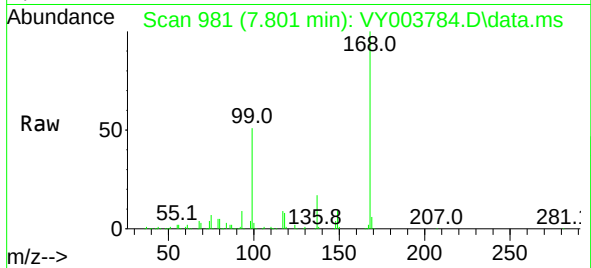




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003784.D
Acq: 15 Dec 2020 19:11

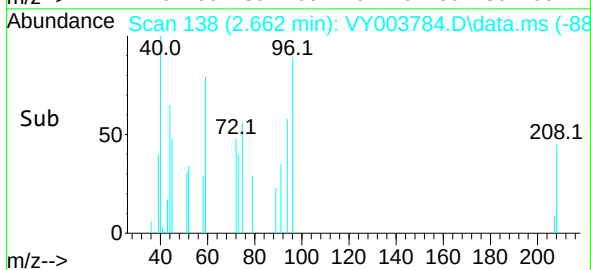
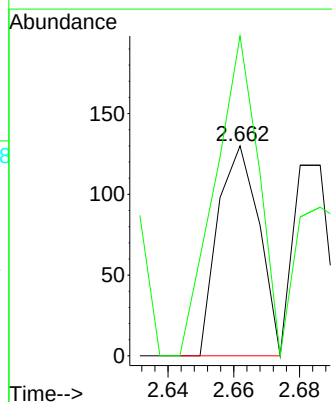
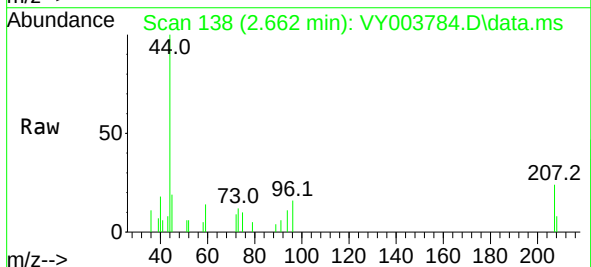
Instrument :
MSVOA_Y
ClientSampleId :

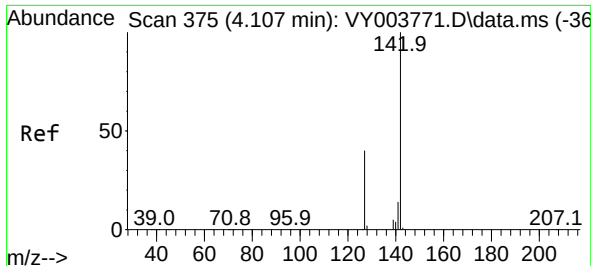
Tgt Ion:168 Resp: 220945
Ion Ratio Lower Upper
168 100
99 50.8 41.9 62.9



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY003784.D
Acq: 15 Dec 2020 19:11

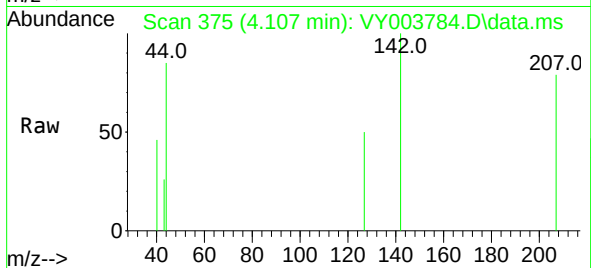
Tgt Ion: 94 Resp: 113
Ion Ratio Lower Upper
94 100
96 152.3 75.9 113.9#



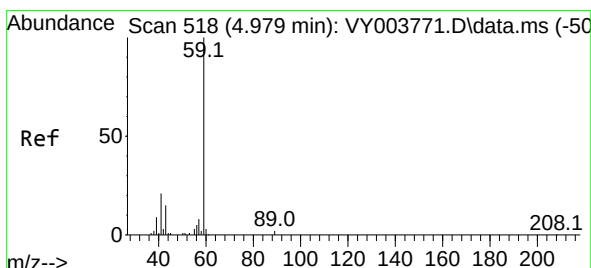
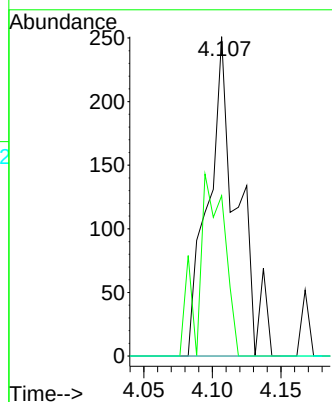
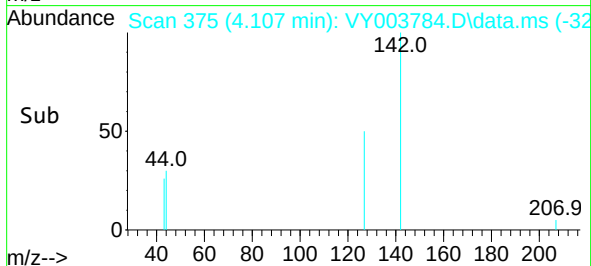


#10
Methyl Iodide
Concen: 3.85 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY003784.D
Acq: 15 Dec 2020 19:11

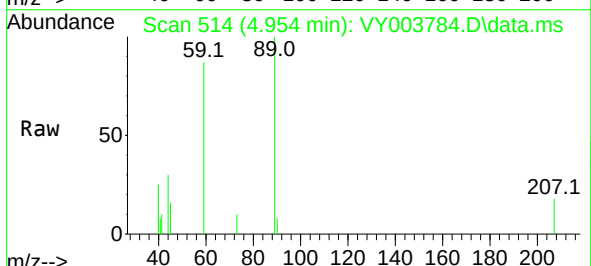
Instrument :
MSVOA_Y
ClientSampled :



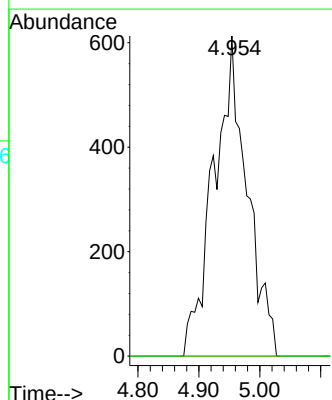
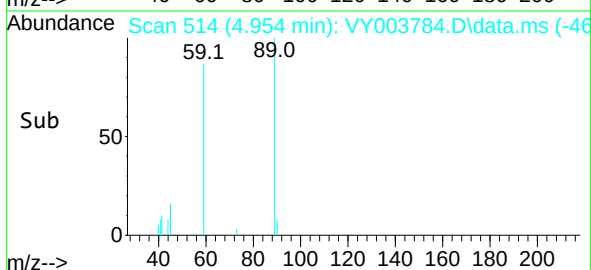
Tgt Ion:142 Resp: 373
Ion Ratio Lower Upper
142 100
127 50.1 33.7 50.5
141 0.0 11.4 17.2#

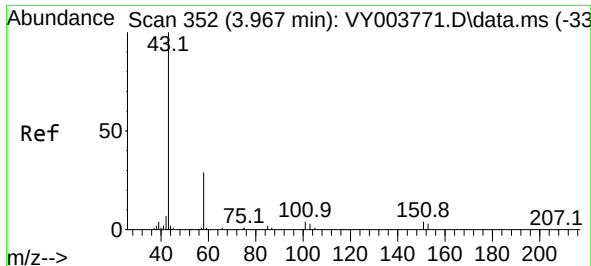


#11
Tert butyl alcohol
Concen: 8.48 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY003784.D
Acq: 15 Dec 2020 19:11



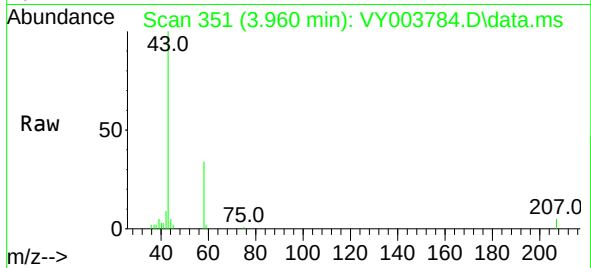
Tgt Ion: 59 Resp: 2334
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



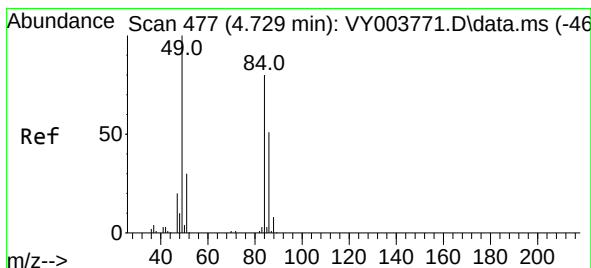
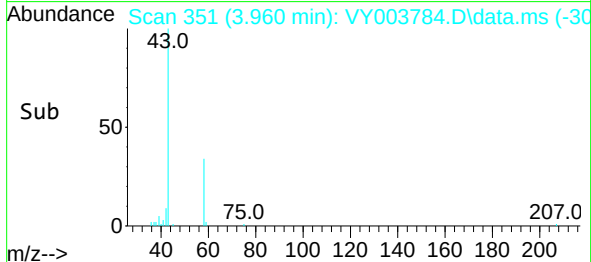
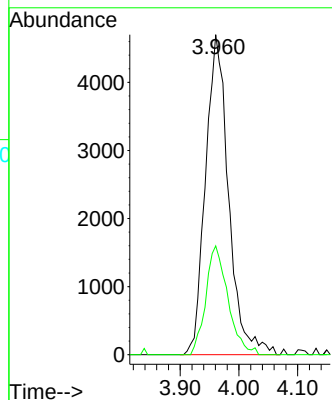


#16
Acetone
Concen: 20.33 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY003784.D
Acq: 15 Dec 2020 19:11

Instrument :
MSVOA_Y
ClientSampled :

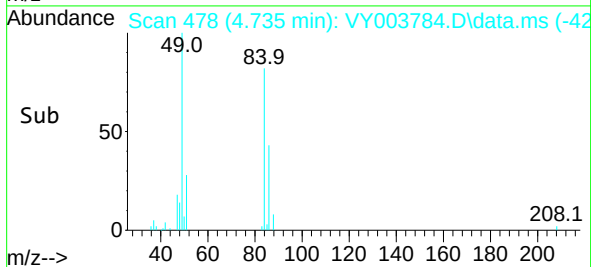
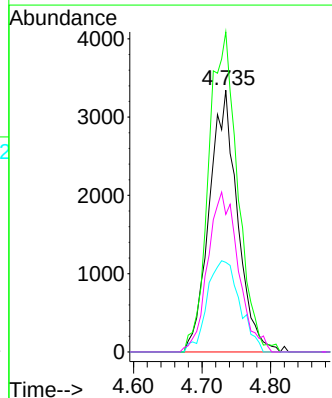
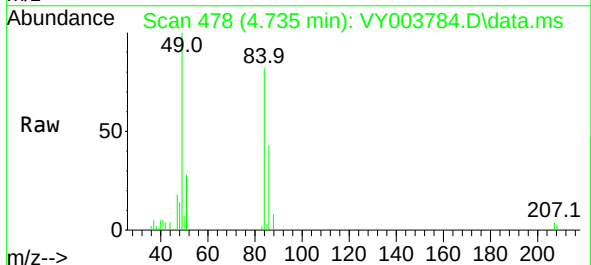


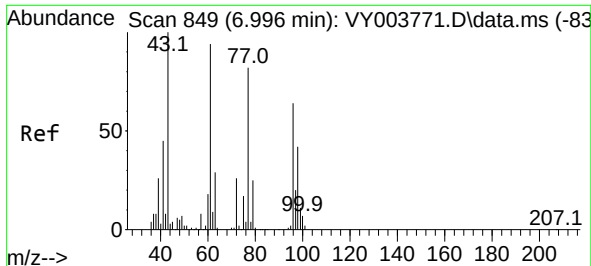
Tgt Ion: 43 Resp: 12813
Ion Ratio Lower Upper
43 100
58 34.0 22.9 34.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY003784.D
Acq: 15 Dec 2020 19:11

Tgt Ion: 84 Resp: 9524
Ion Ratio Lower Upper
84 100
49 122.2 100.4 150.6
51 34.2 30.3 45.5
86 52.6 50.7 76.1





#25

2-Butanone

Concen: 3.10 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY003784.D

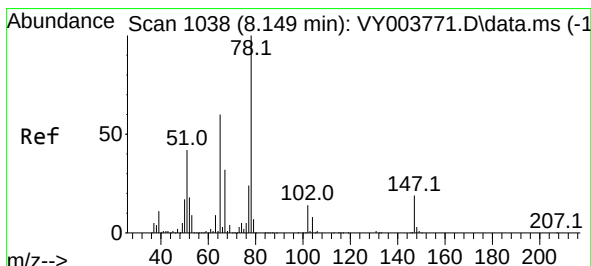
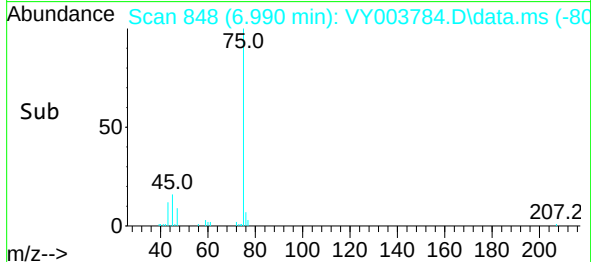
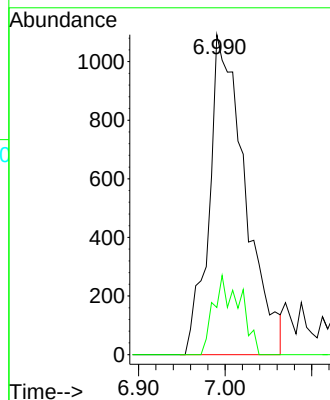
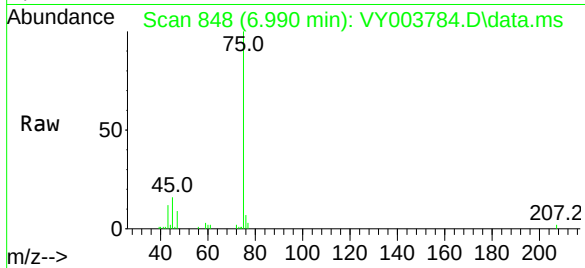
Acq: 15 Dec 2020 19:11

Tgt Ion: 43 Resp: 3160

Ion Ratio Lower Upper

43 100

72 14.7 20.5 30.7#



#33

1,2-Dichloroethane-d4

Concen: 51.08 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY003784.D

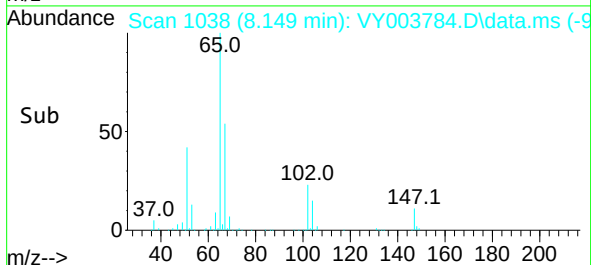
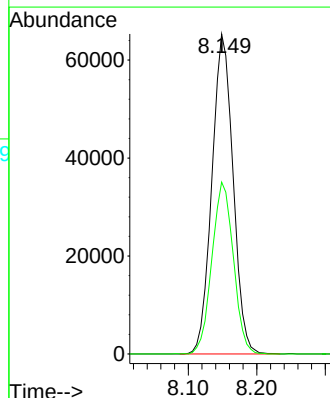
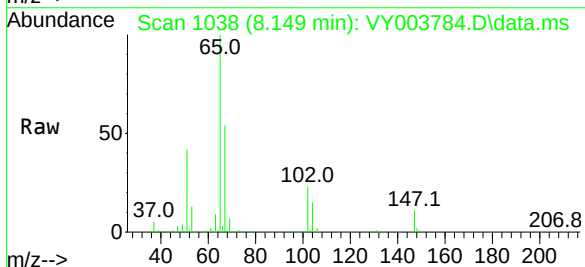
Acq: 15 Dec 2020 19:11

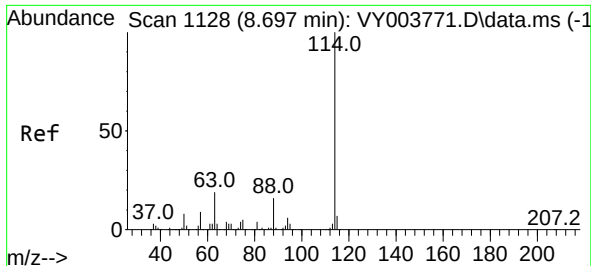
Tgt Ion: 65 Resp: 139977

Ion Ratio Lower Upper

65 100

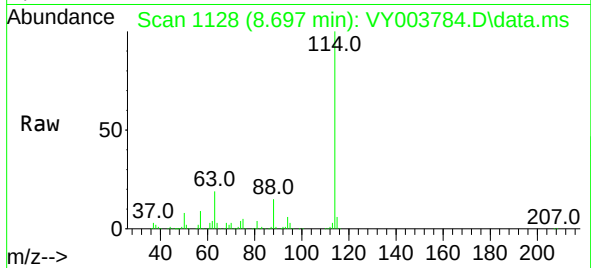
67 54.5 0.0 107.6



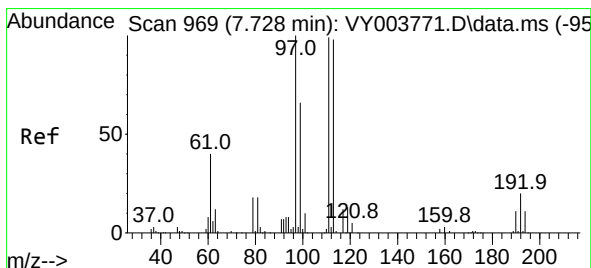
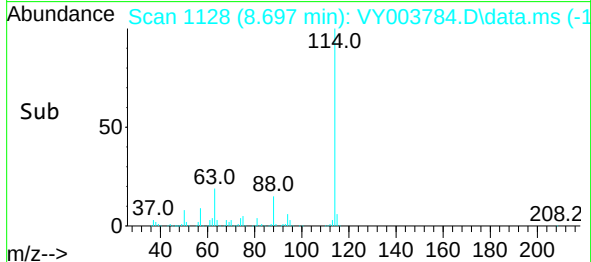
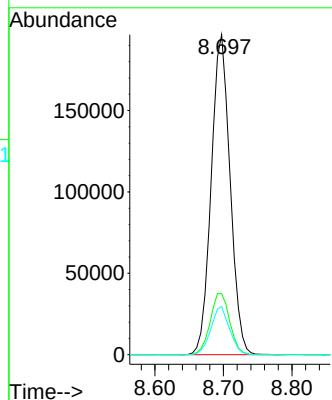


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY003784.D
Acq: 15 Dec 2020 19:11

Instrument :
MSVOA_Y
ClientSampleId :

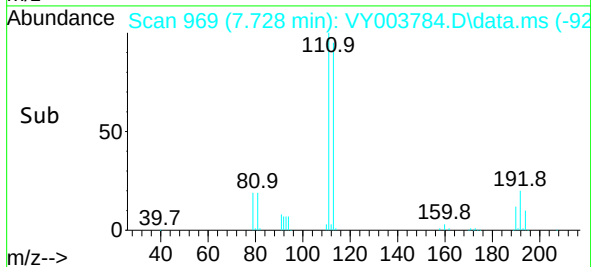
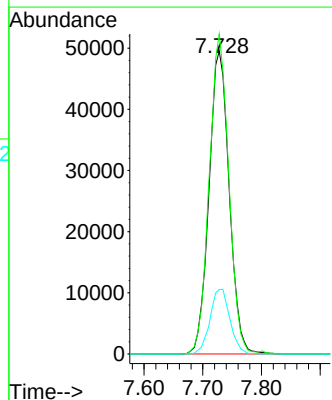
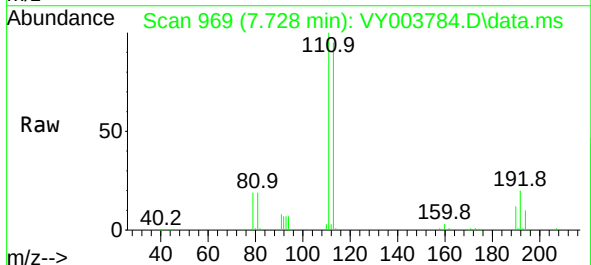


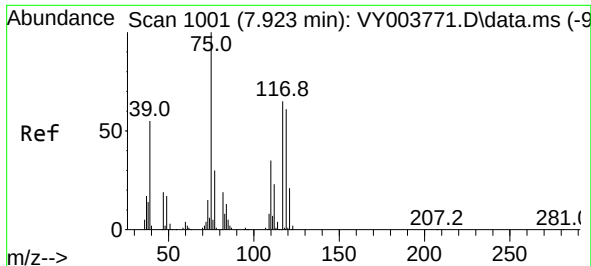
Tgt Ion:114 Resp: 375353
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.4
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 43.59 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY003784.D
Acq: 15 Dec 2020 19:11

Tgt Ion:113 Resp: 118359
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 21.0 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.07 ug/l

RT: 7.795 min Scan# 980

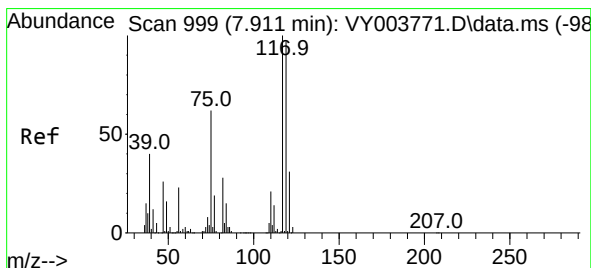
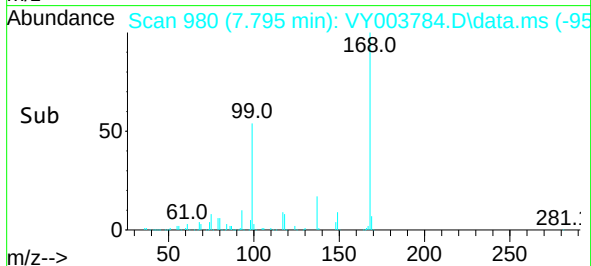
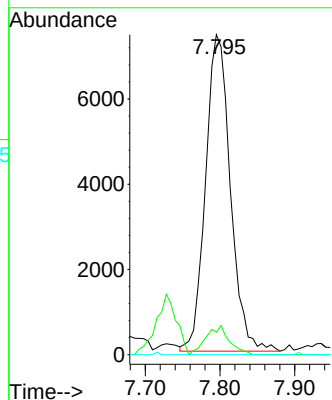
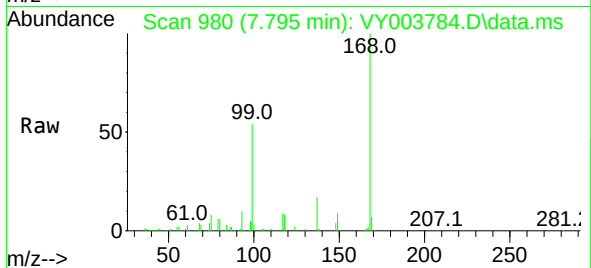
Delta R.T. -0.128 min

Lab File: VY003784.D

Acq: 15 Dec 2020 19:11

Tgt Ion:	75	Resp:	17162
Ion Ratio	Lower	Upper	
75	100		
110	8.6	18.1	54.1#
77	0.0	24.6	36.8#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 4.87 ug/l

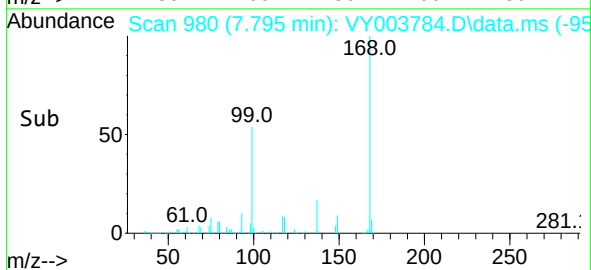
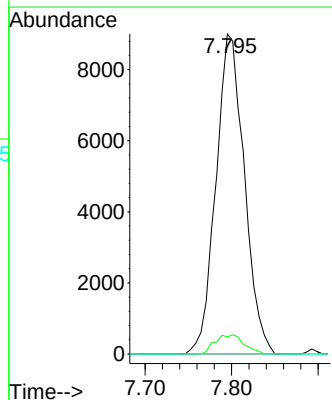
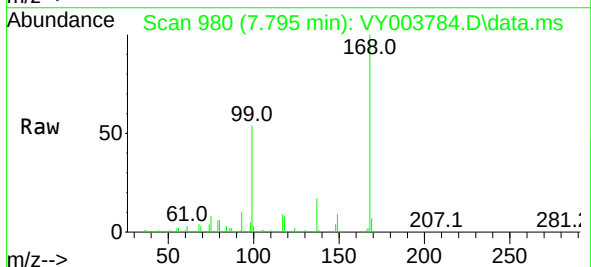
RT: 7.795 min Scan# 980

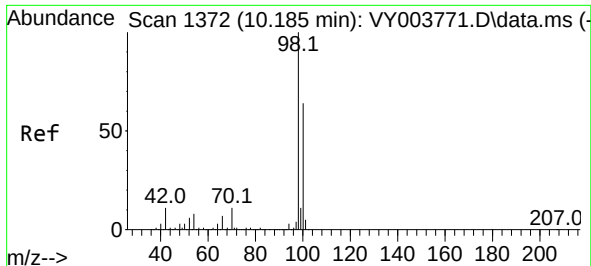
Delta R.T. -0.116 min

Lab File: VY003784.D

Acq: 15 Dec 2020 19:11

Tgt Ion:	117	Resp:	20537
Ion Ratio	Lower	Upper	
117	100		
119	5.3	77.2	115.8#
121	0.0	25.0	37.4#

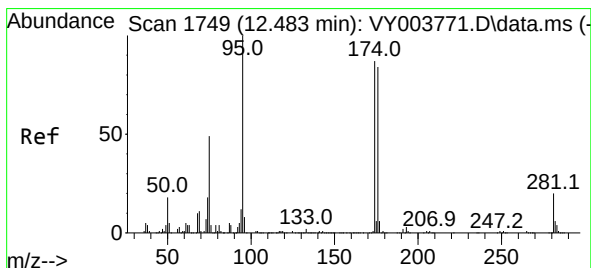
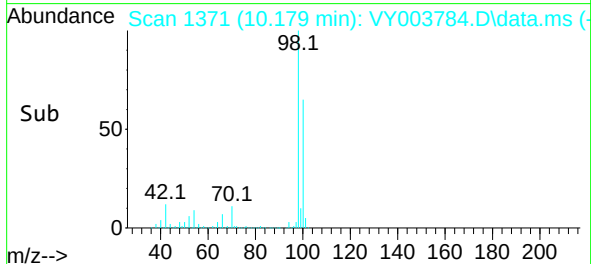
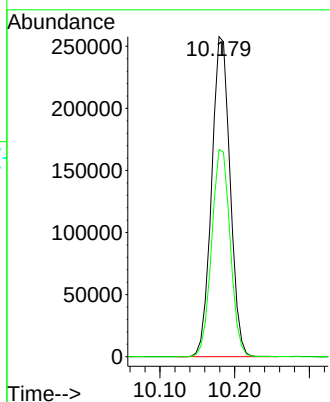
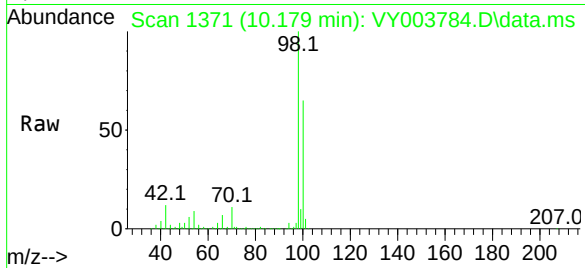




#50
Toluene-d8
Concen: 41.24 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY003784.D
Acq: 15 Dec 2020 19:11

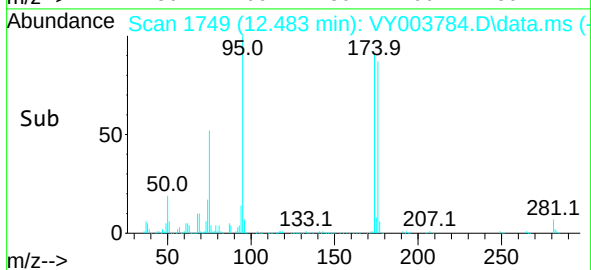
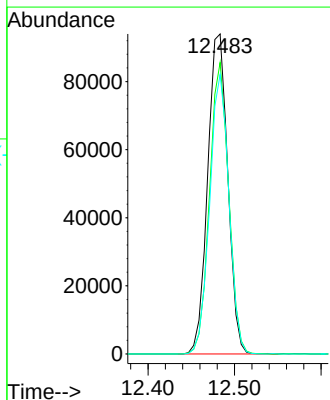
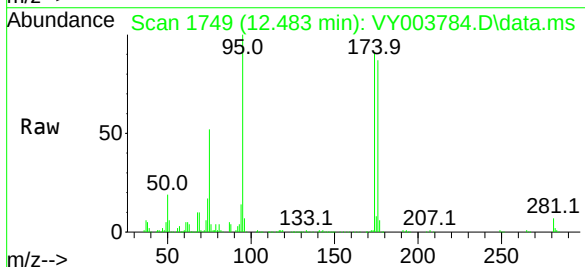
Instrument :
MSVOA_Y
ClientSampleId :

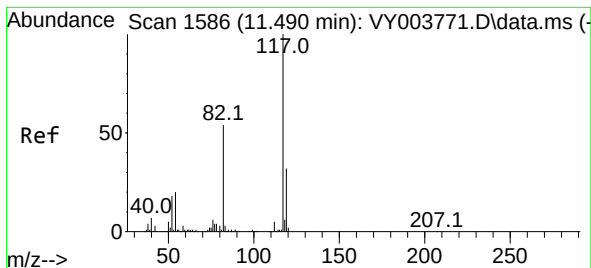
Tgt Ion: 98 Resp: 443331
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 40.96 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003784.D
Acq: 15 Dec 2020 19:11

Tgt Ion: 95 Resp: 151277
Ion Ratio Lower Upper
95 100
174 86.7 0.0 170.8
176 83.8 0.0 165.0

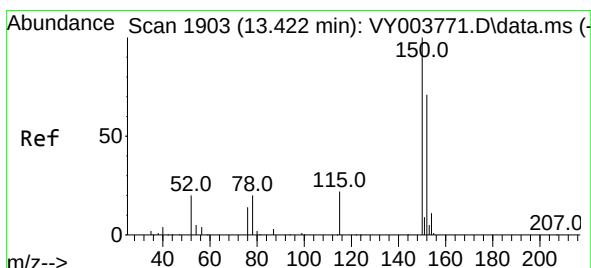
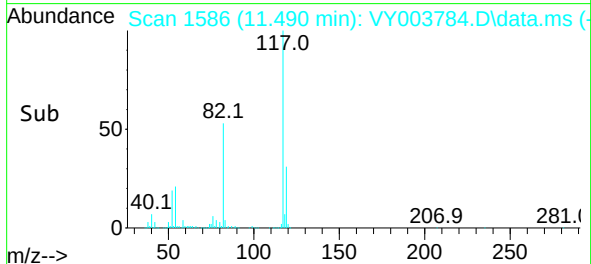
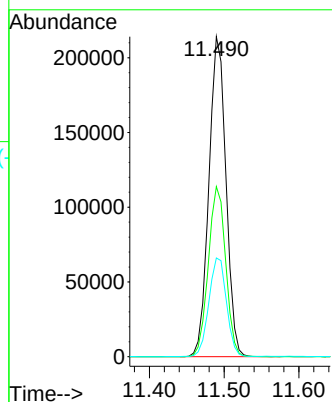
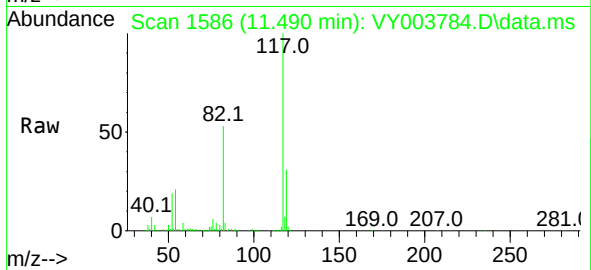




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003784.D
Acq: 15 Dec 2020 19:11

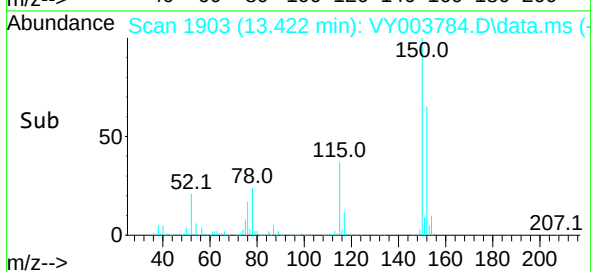
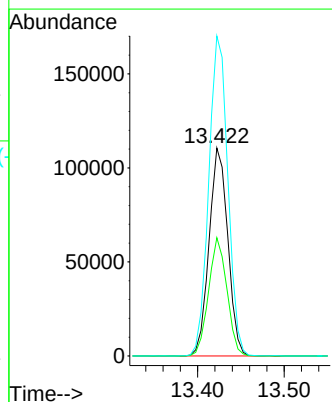
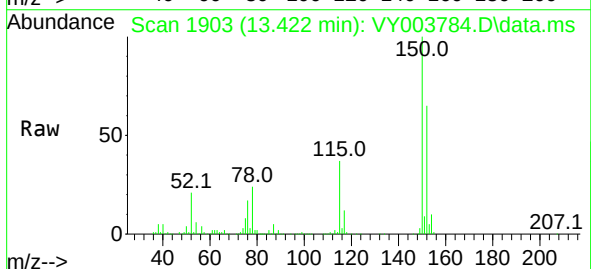
Instrument :
MSVOA_Y
ClientSampleId :

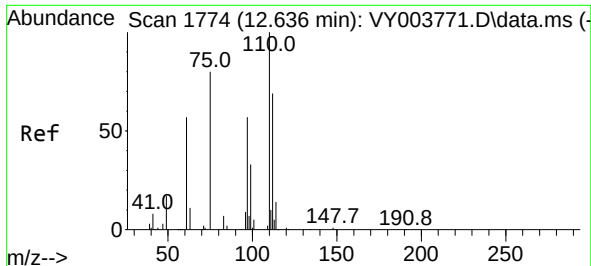
Tgt Ion:117 Resp: 339634
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.6
119 30.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003784.D
Acq: 15 Dec 2020 19:11

Tgt Ion:152 Resp: 166385
Ion Ratio Lower Upper
152 100
115 55.5 28.0 83.9
150 156.4 0.0 347.6

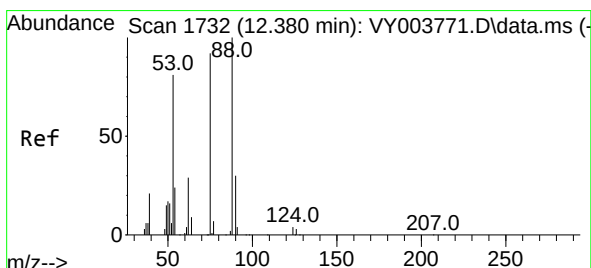
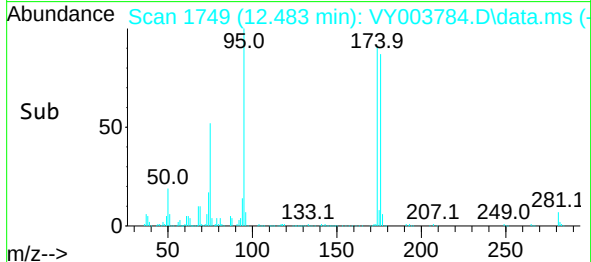
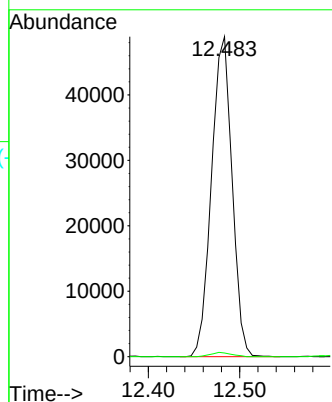
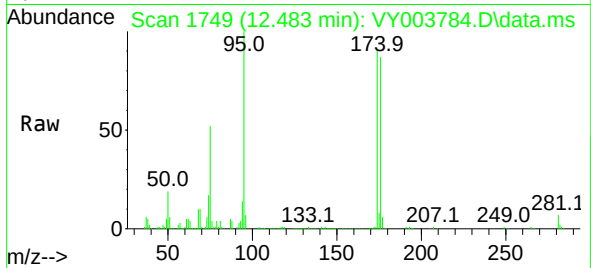




#76
1,2,3-Trichloropropane
Concen: 38.78 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY003784.D
Acq: 15 Dec 2020 19:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 76434
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.43 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY003784.D
Acq: 15 Dec 2020 19:11

Tgt Ion: 75 Resp: 76434
Ion Ratio Lower Upper
75 100
53 0.0 70.4 105.6#
89 0.1 0.0 0.0#

