

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121520\
 Data File : VY003789.D
 Acq On : 15 Dec 2020 21:08
 Operator : SY/MD
 Sample : L5012-02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 16 05:10:48 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)

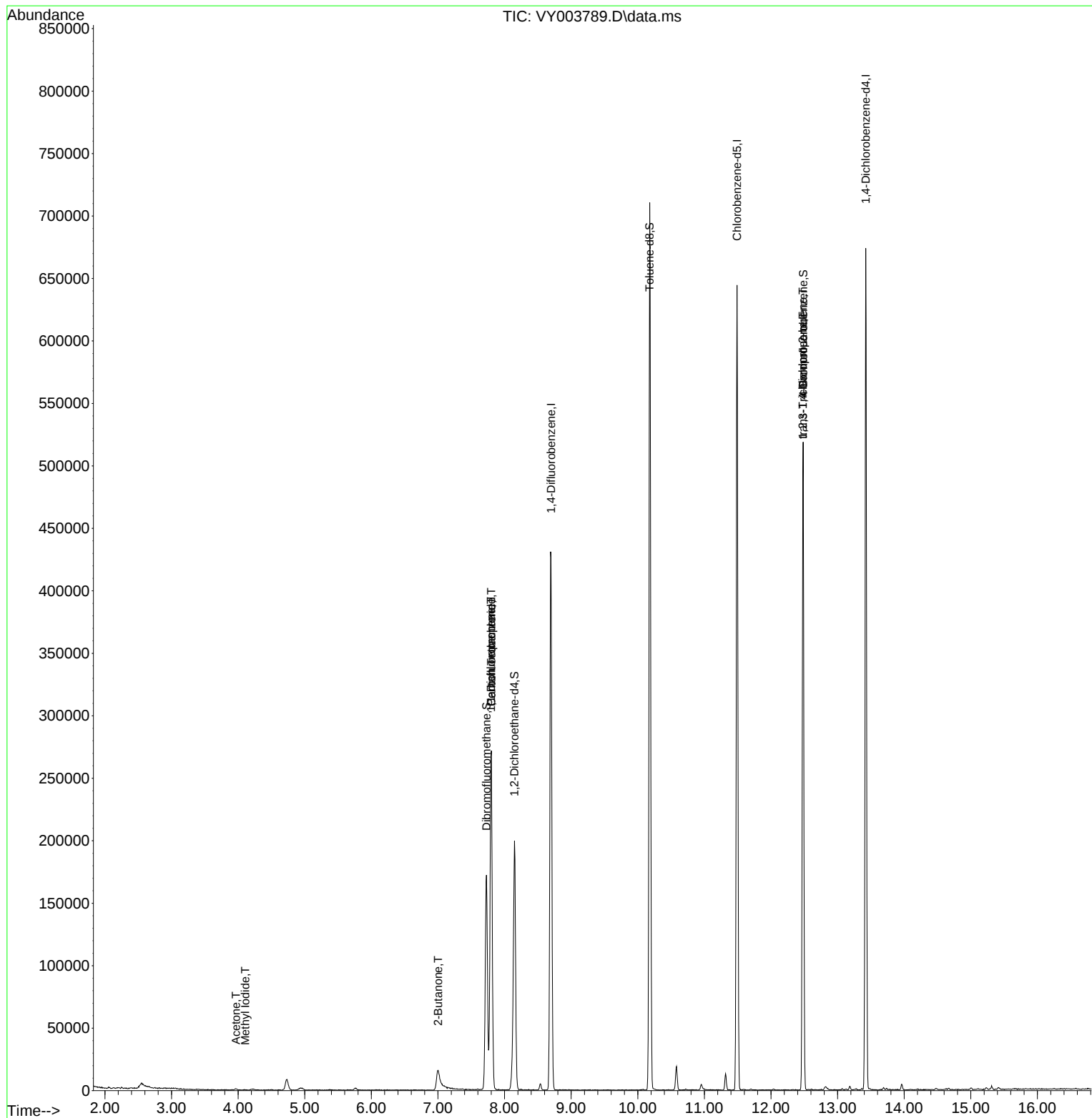
Internal Standards						
1) Pentafluorobenzene	7.801	168	218984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	373994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	348394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	141612	52.14	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.28%
35) Dibromofluoromethane	7.728	113	119674	44.24	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.48%
50) Toluene-d8	10.179	98	451567	42.16	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.32%
62) 4-Bromofluorobenzene	12.483	95	152997	41.57	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.14%
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	97	Below Cal	#	2
10) Methyl Iodide	4.107	142	266	3.82	ug/l #	60
16) Acetone	3.967	43	1317	2.11	ug/l #	79
20) Methylene Chloride	4.729	84	6145	Below Cal		89
25) 2-Butanone	7.003	43	1334	1.32	ug/l #	76
36) 1,1-Dichloropropene	7.795	75	15844	3.77	ug/l #	50
38) Carbon Tetrachloride	7.801	117	20891	4.98	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	78288	39.21	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	78288	74.25	ug/l #	5

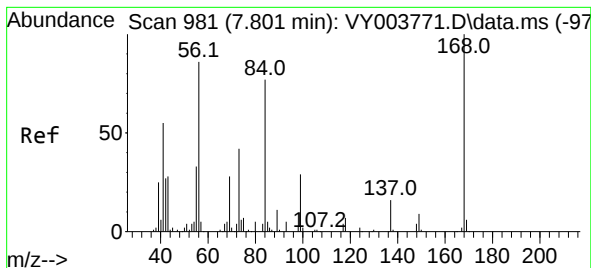
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121520\
Data File : VY003789.D
Acq On : 15 Dec 2020 21:08
Operator : SY/MD
Sample : L5012-02
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 16 05:10:48 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

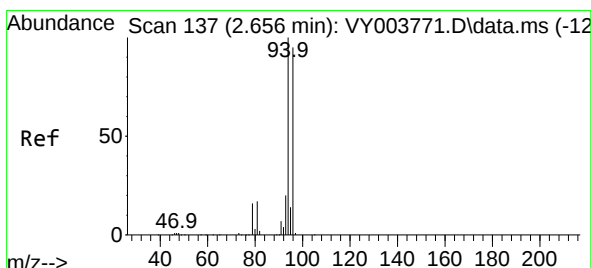
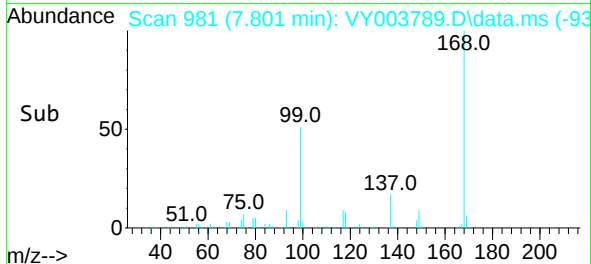
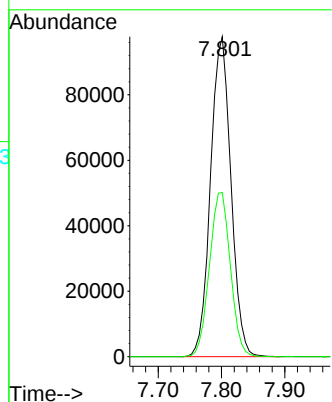
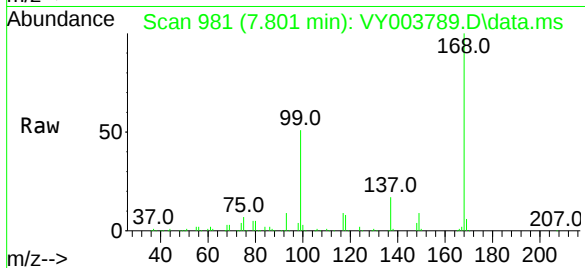




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003789.D
Acq: 15 Dec 2020 21:08

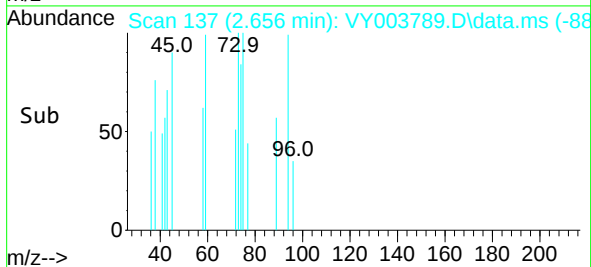
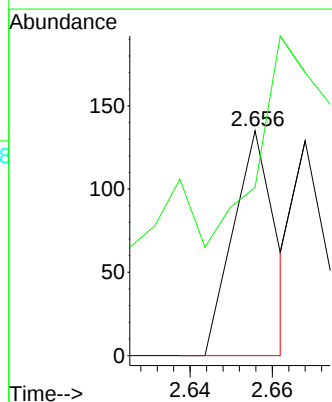
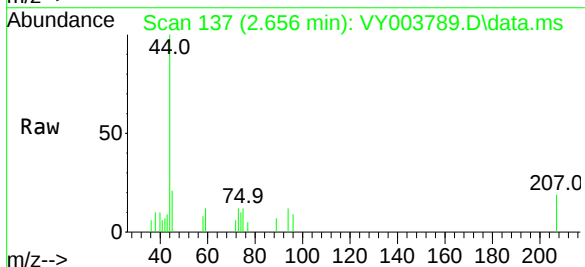
Instrument :
MSVOA_Y
ClientSampled :

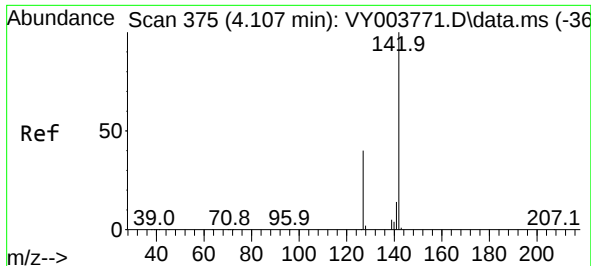
Tgt Ion:168 Resp: 218984
Ion Ratio Lower Upper
168 100
99 51.3 41.9 62.9



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY003789.D
Acq: 15 Dec 2020 21:08

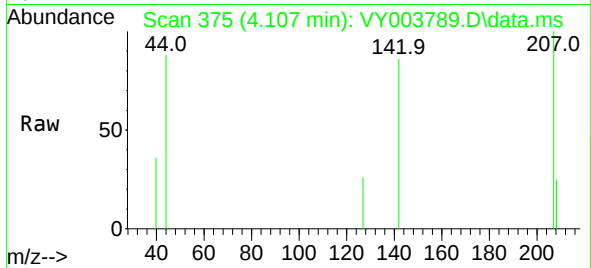
Tgt Ion: 94 Resp: 97
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#



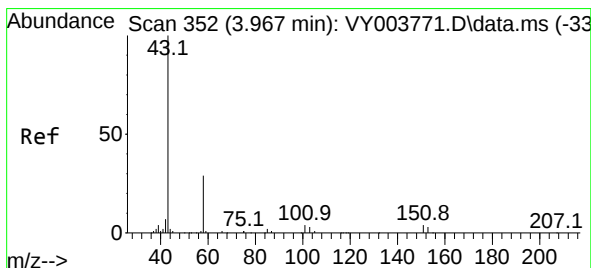
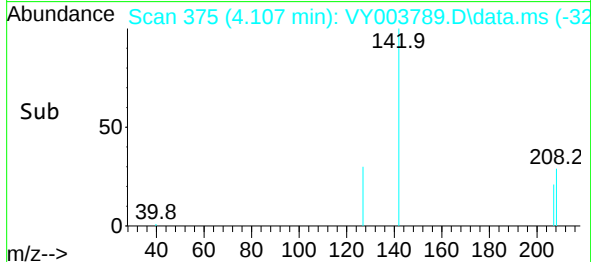
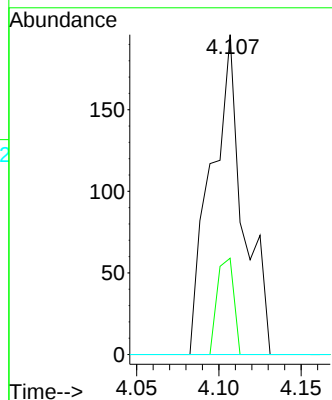


#10
Methyl Iodide
Concen: 3.82 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY003789.D
Acq: 15 Dec 2020 21:08

Instrument :
MSVOA_Y
ClientSampleId :

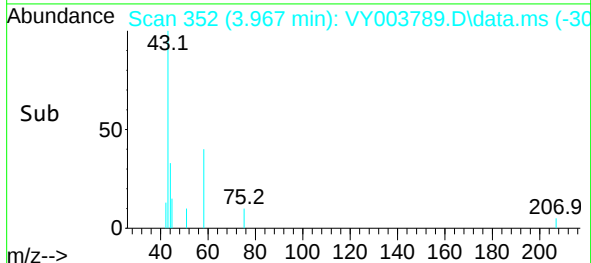
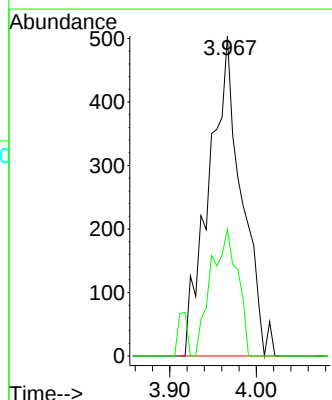
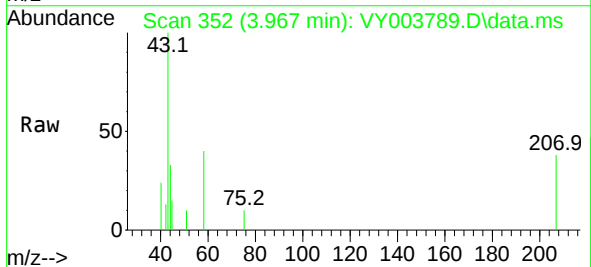


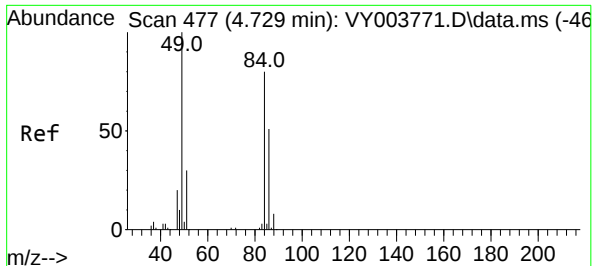
Tgt Ion:142 Resp: 266
Ion Ratio Lower Upper
142 100
127 15.4 33.7 50.5#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 2.11 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY003789.D
Acq: 15 Dec 2020 21:08

Tgt Ion: 43 Resp: 1317
Ion Ratio Lower Upper
43 100
58 39.7 22.9 34.3#





#20

Methylene Chloride

Concen: Below Cal

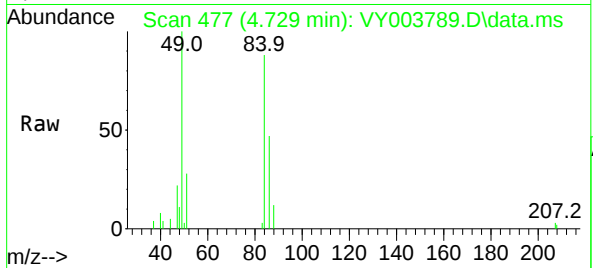
RT: 4.729 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY003789.D

Acq: 15 Dec 2020 21:08

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 6145

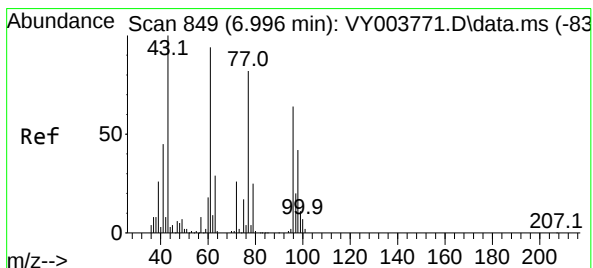
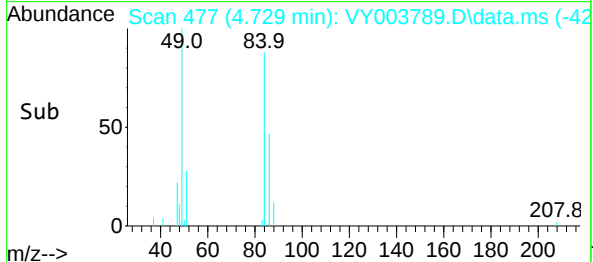
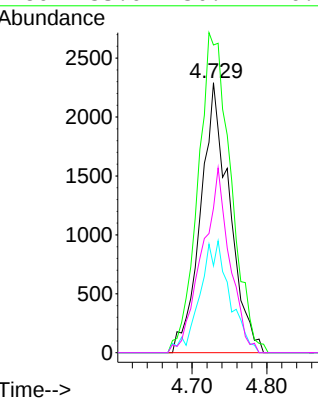
Ion Ratio Lower Upper

84 100

49 114.0 100.4 150.6

51 32.2 30.3 45.5

86 53.6 50.7 76.1



#25

2-Butanone

Concen: 1.32 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY003789.D

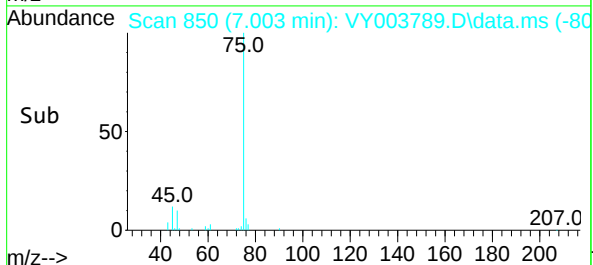
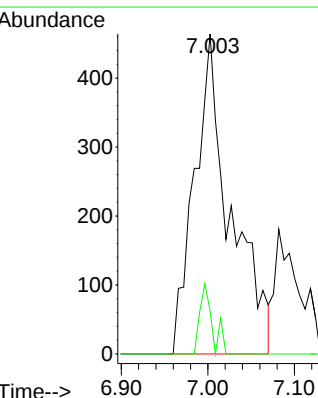
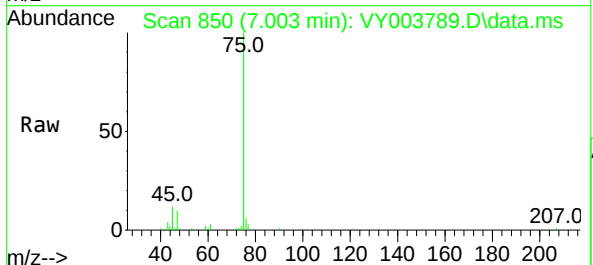
Acq: 15 Dec 2020 21:08

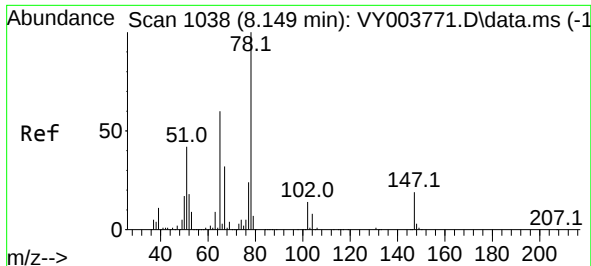
Tgt Ion: 43 Resp: 1334

Ion Ratio Lower Upper

43 100

72 13.4 20.5 30.7#

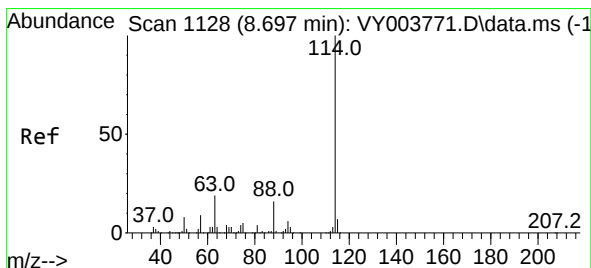
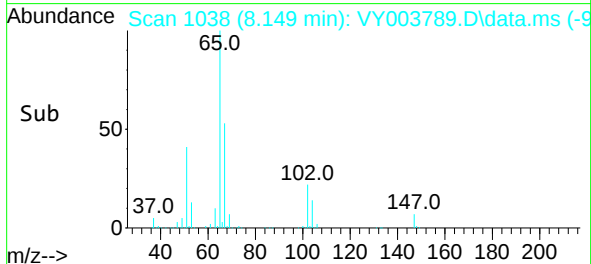
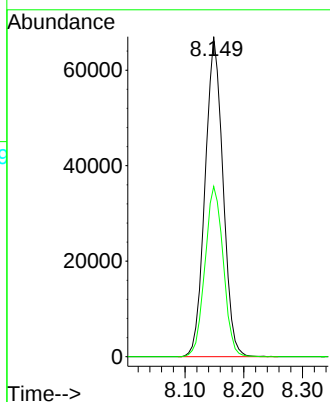
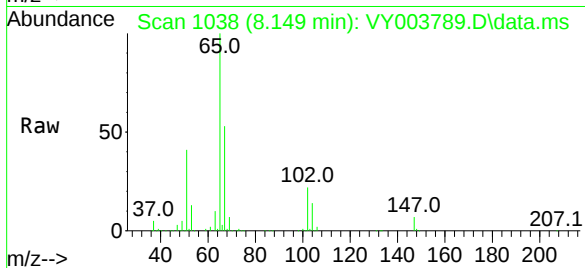




#33
1,2-Dichloroethane-d4
Concen: 52.14 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY003789.D
Acq: 15 Dec 2020 21:08

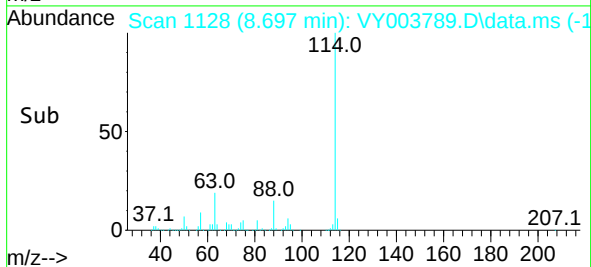
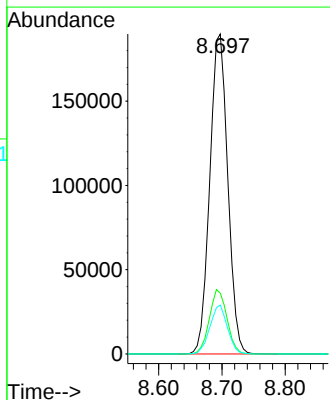
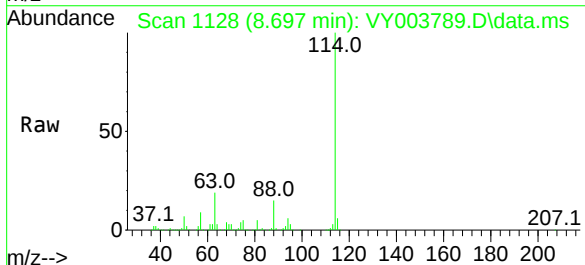
Instrument :
MSVOA_Y
ClientSampled :

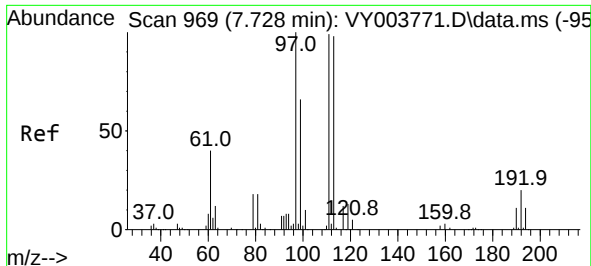
Tgt Ion: 65 Resp: 141612
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY003789.D
Acq: 15 Dec 2020 21:08

Tgt Ion: 114 Resp: 373994
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.4
88 15.3 0.0 31.8

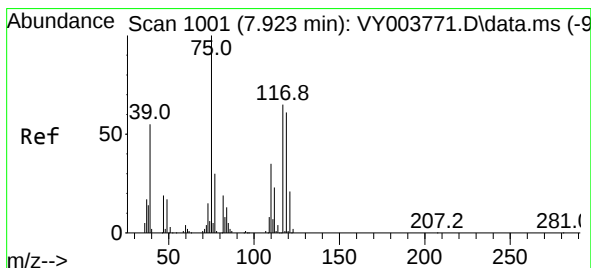
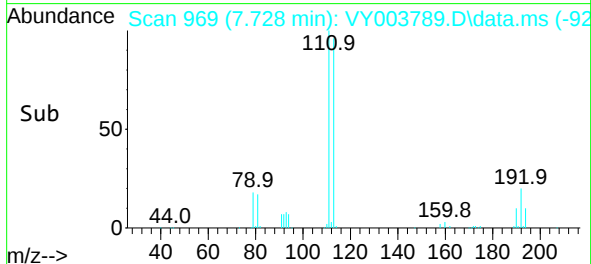
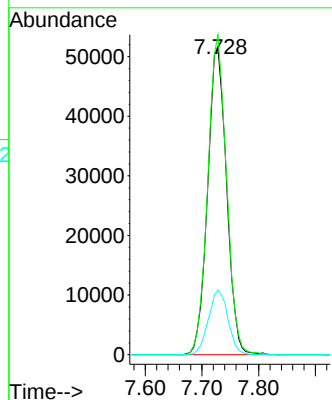
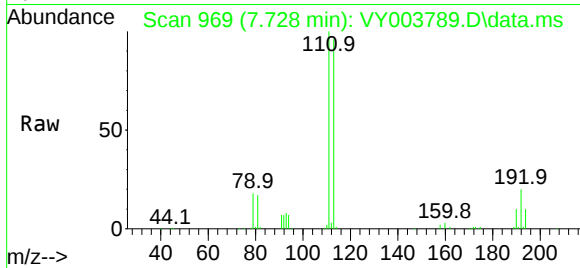




#35
Dibromofluoromethane
Concen: 44.24 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY003789.D
Acq: 15 Dec 2020 21:08

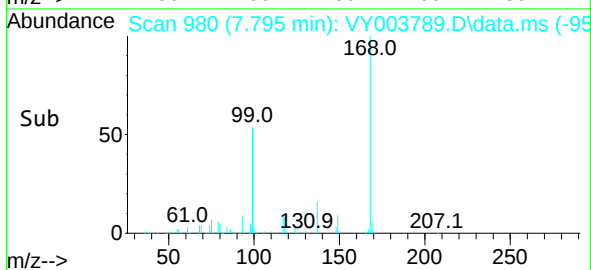
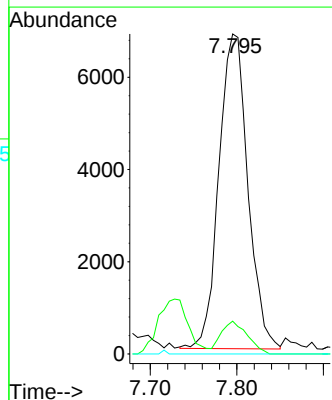
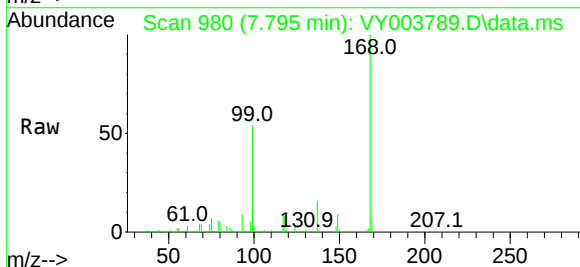
Instrument :
MSVOA_Y
ClientSampled :

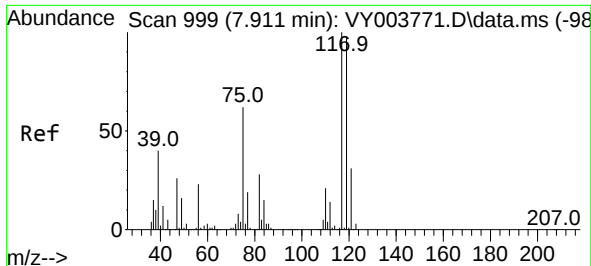
Tgt Ion:113 Resp: 119674
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 21.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 3.77 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY003789.D
Acq: 15 Dec 2020 21:08

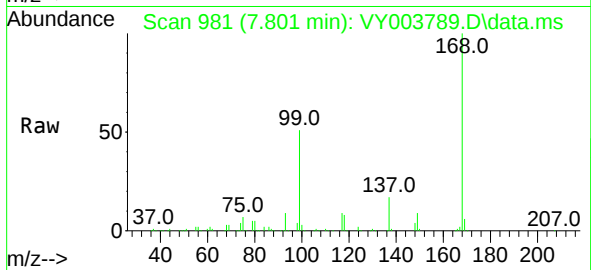
Tgt Ion: 75 Resp: 15844
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.1#
77 0.0 24.6 36.8#



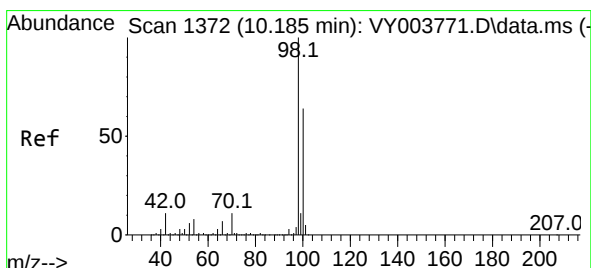
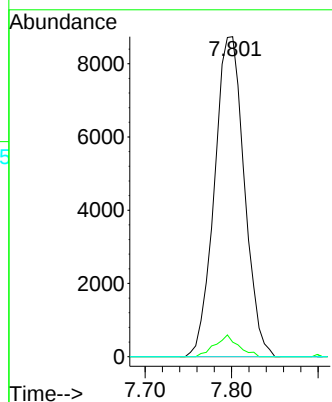
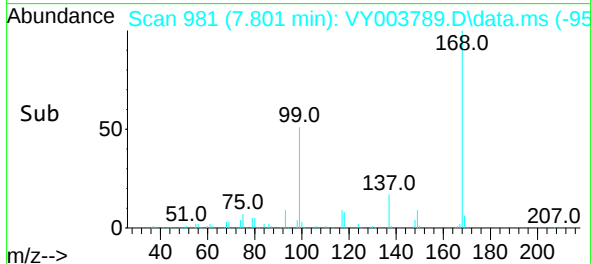


#38
Carbon Tetrachloride
Concen: 4.98 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY003789.D
Acq: 15 Dec 2020 21:08

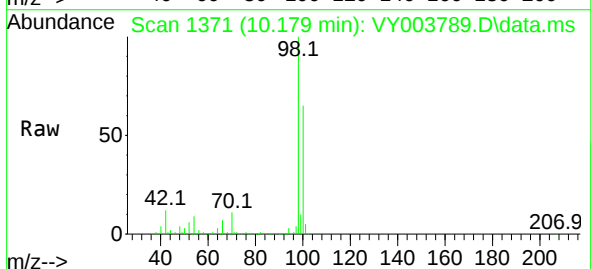
Instrument :
MSVOA_Y
ClientSampleId :



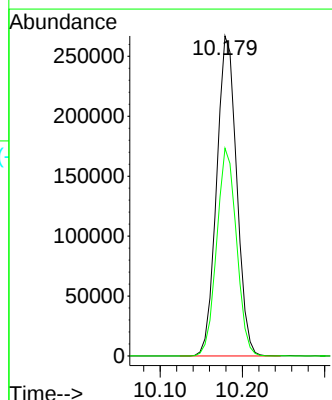
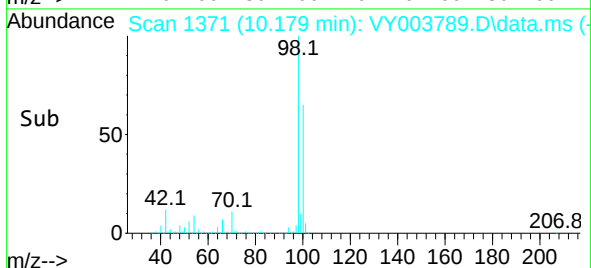
Tgt Ion:117 Resp: 20891
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 25.0 37.4#

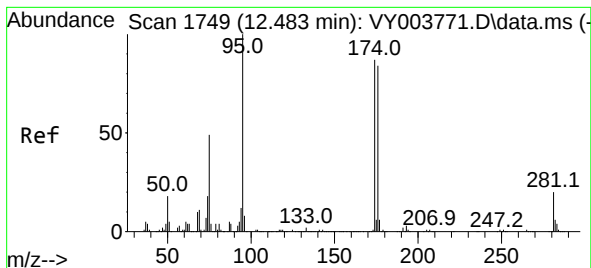


#50
Toluene-d8
Concen: 42.16 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY003789.D
Acq: 15 Dec 2020 21:08



Tgt Ion: 98 Resp: 451567
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

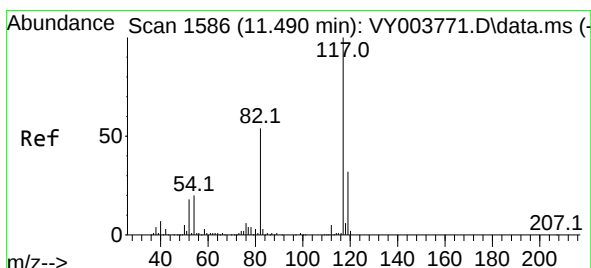
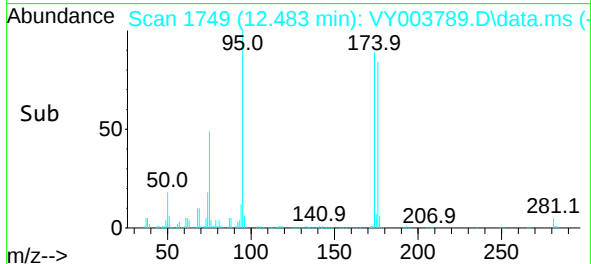
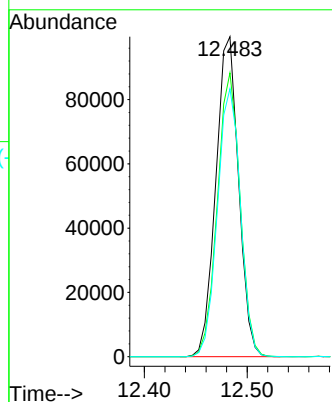
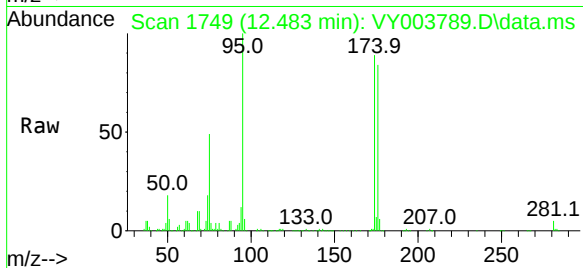




#62
4-Bromofluorobenzene
Concen: 41.57 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003789.D
Acq: 15 Dec 2020 21:08

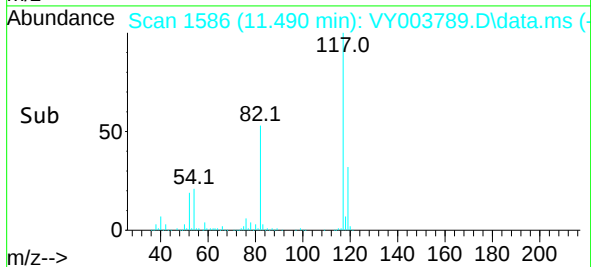
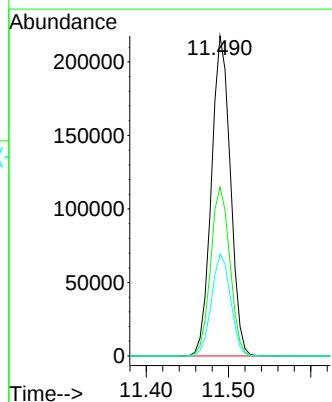
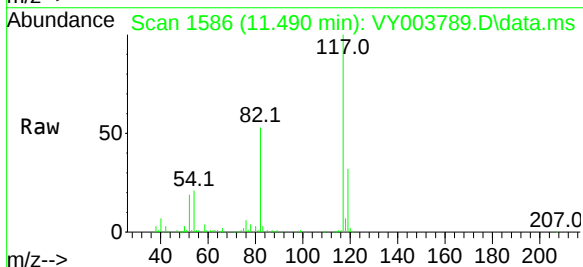
Instrument :
MSVOA_Y
ClientSampleId :

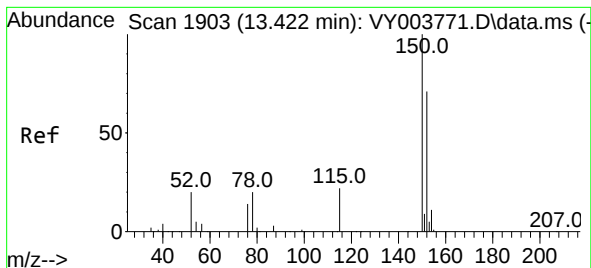
Tgt Ion: 95 Resp: 152997
Ion Ratio Lower Upper
95 100
174 88.3 0.0 170.8
176 84.5 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003789.D
Acq: 15 Dec 2020 21:08

Tgt Ion: 117 Resp: 348394
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.6
119 31.9 25.7 38.5

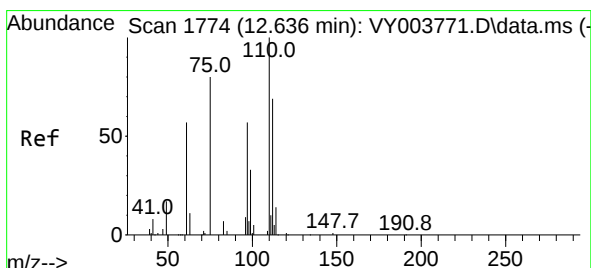
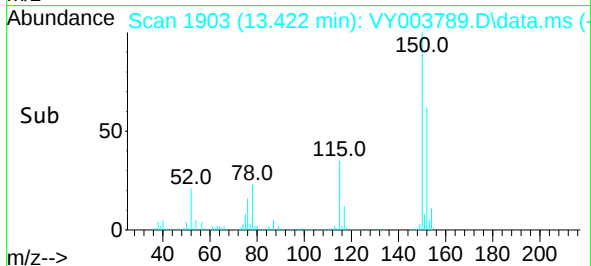
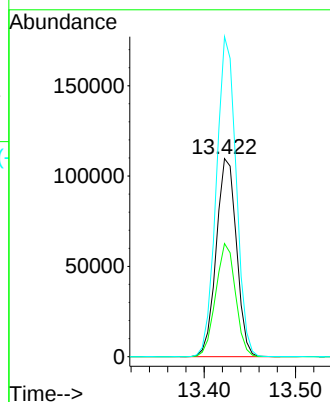
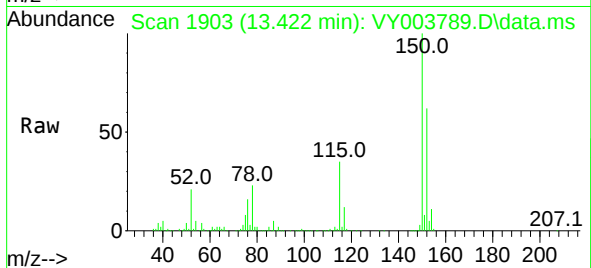




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003789.D
Acq: 15 Dec 2020 21:08

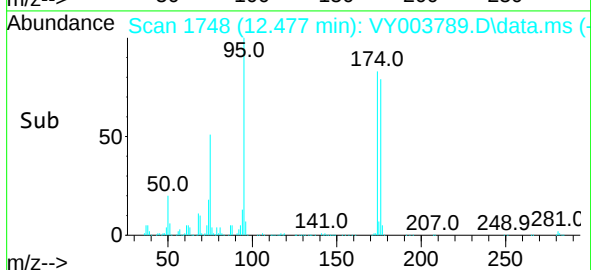
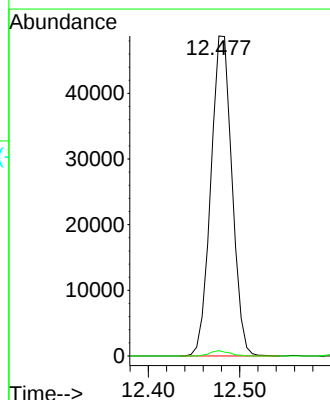
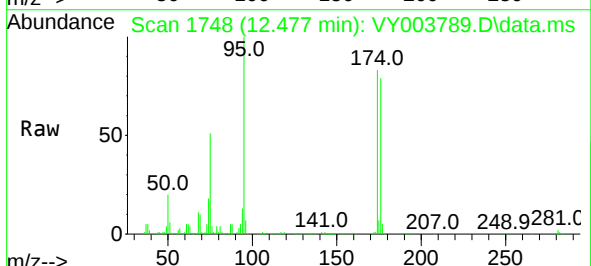
Instrument :
MSVOA_Y
ClientSampleId :

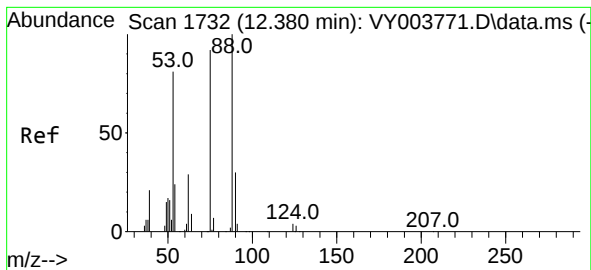
Tgt Ion:152 Resp: 168557
Ion Ratio Lower Upper
152 100
115 56.1 28.0 83.9
150 158.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 39.21 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY003789.D
Acq: 15 Dec 2020 21:08

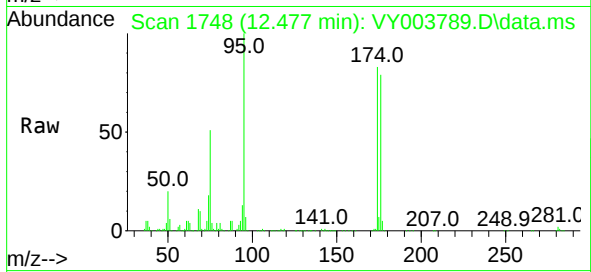
Tgt Ion: 75 Resp: 78288
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.25 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.098 min
 Lab File: VY003789.D
 Acq: 15 Dec 2020 21:08

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 78288
 Ion Ratio Lower Upper
 75 100
 53 0.1 70.4 105.6#
 89 0.1 0.0 0.0#

