

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121620\
 Data File : VY003805.D
 Acq On : 16 Dec 2020 15:25
 Operator : SY/MD
 Sample : L5036-03
 Misc : 4.72G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 17 02:53:29 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)

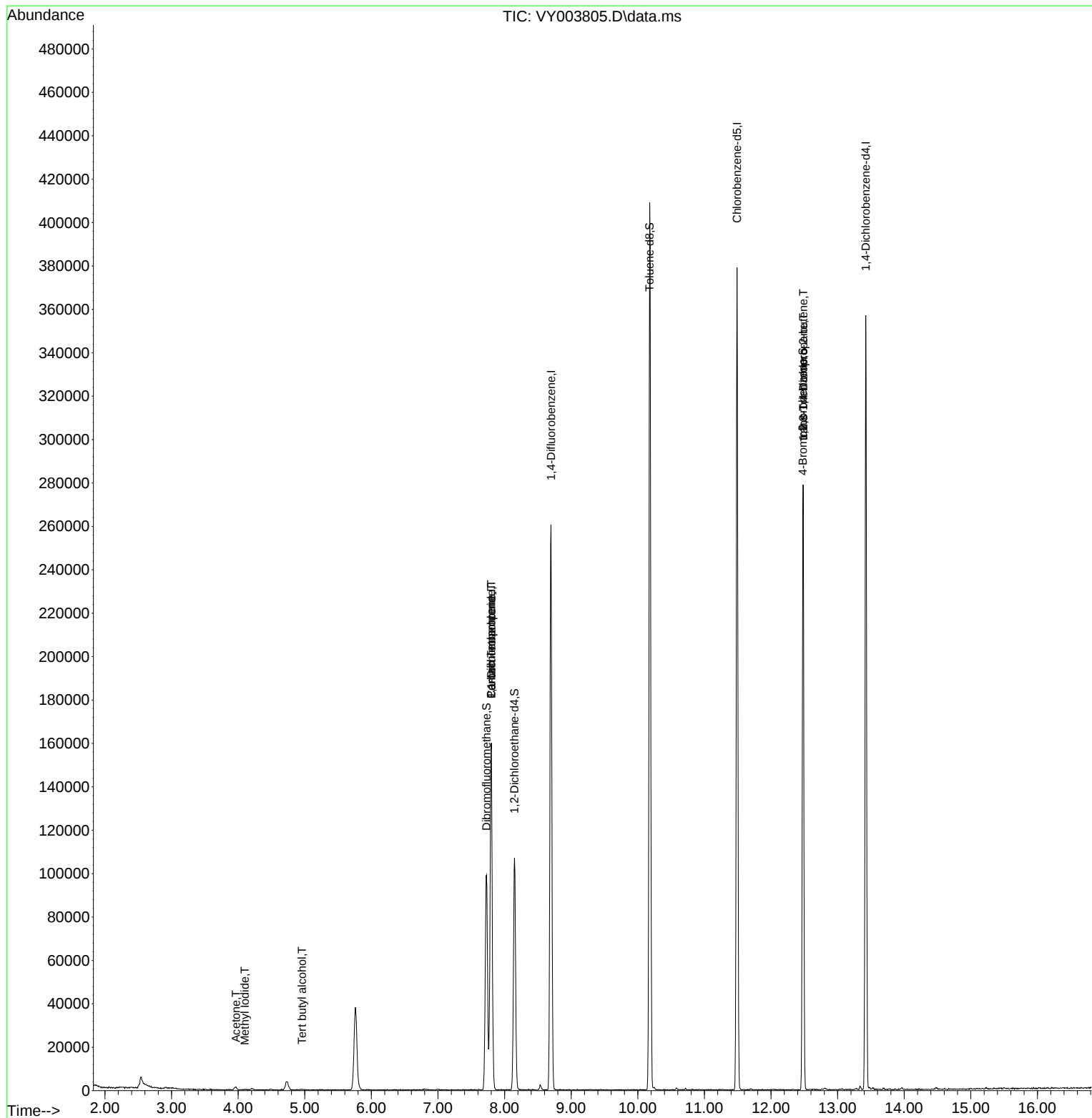
Internal Standards						
1) Pentafluorobenzene	7.801	168	130813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	229821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	211806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	93963	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80071	49.36	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.72%
35) Dibromofluoromethane	7.728	113	71533	43.03	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.06%
50) Toluene-d8	10.179	98	271819	41.30	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.60%
62) 4-Bromofluorobenzene	12.477	95	83474	36.91	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.82%
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	152	Below Cal		90
10) Methyl Iodide	4.101	142	306	3.90 ug/l #		50
11) Tert butyl alcohol	4.960	59	309	1.90 ug/l #		73
16) Acetone	3.966	43	2474	6.63 ug/l #		88
20) Methylene Chloride	4.722	84	3163	Below Cal #		82
36) 1,1-Dichloropropene	7.801	75	9058	3.51 ug/l #		50
38) Carbon Tetrachloride	7.801	117	11629	4.51 ug/l #		16
76) 1,2,3-Trichloropropane	12.483	75	41605	37.38 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	41605	70.78 ug/l #		5

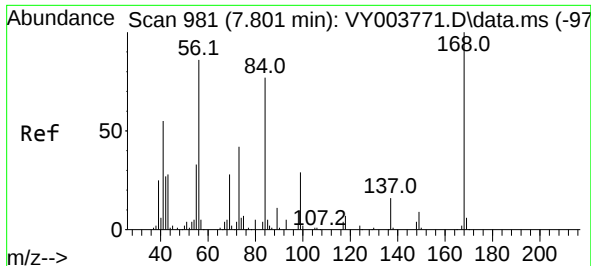
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :

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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

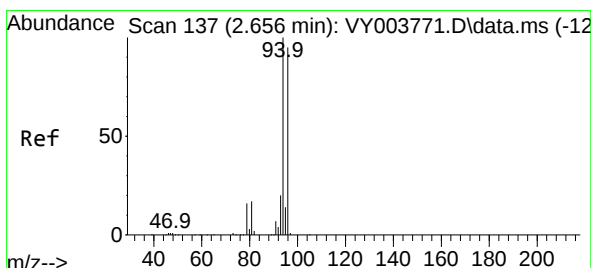
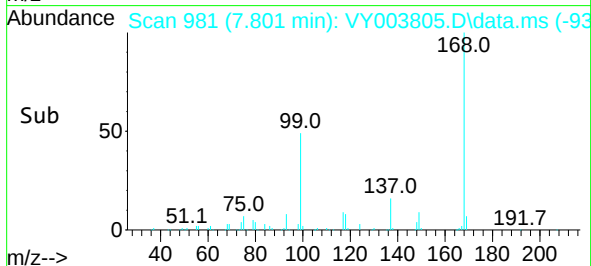
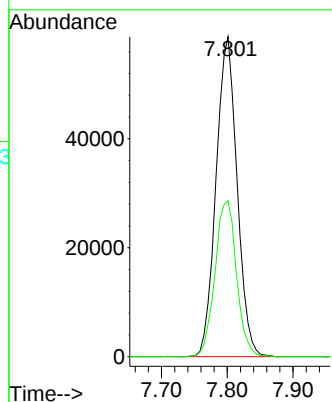
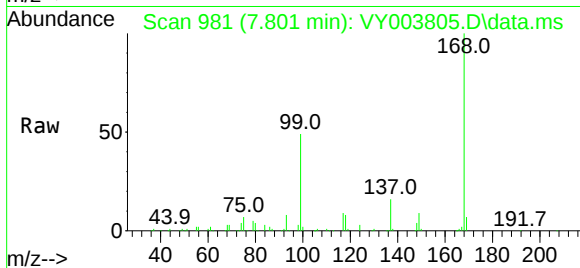




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003805.D
Acq: 16 Dec 2020 15:25

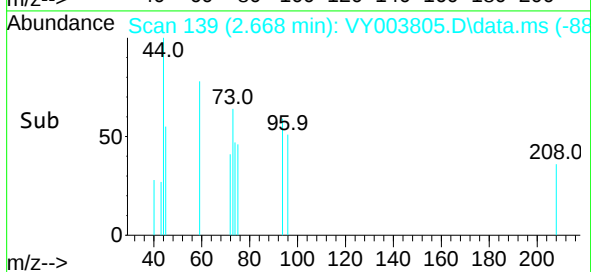
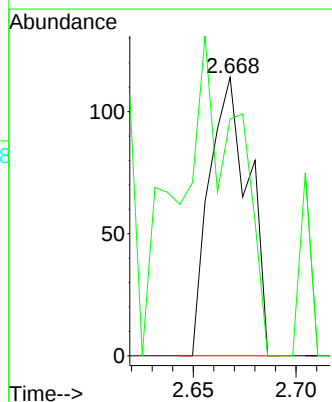
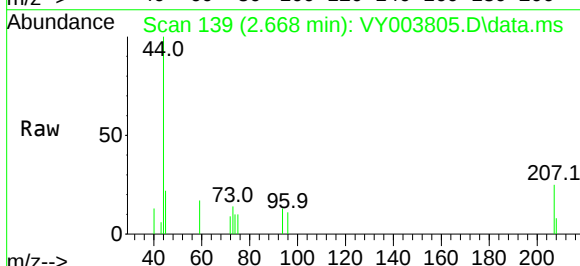
Instrument :
MSVOA_Y
ClientSampleId :

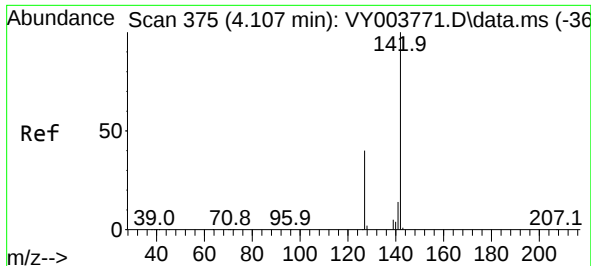
Tgt Ion:168 Resp: 130813
Ion Ratio Lower Upper
168 100
99 48.7 41.9 62.9



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY003805.D
Acq: 16 Dec 2020 15:25

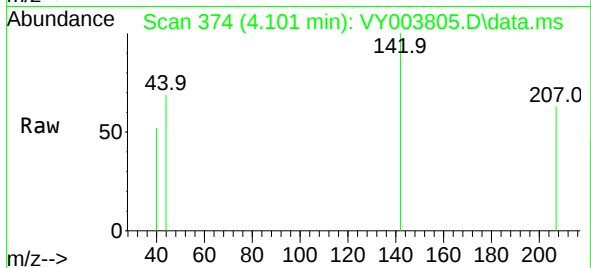
Tgt Ion: 94 Resp: 152
Ion Ratio Lower Upper
94 100
96 85.1 75.9 113.9



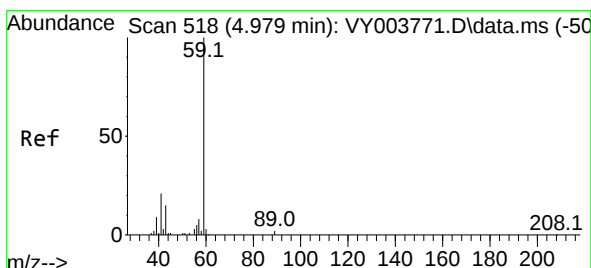
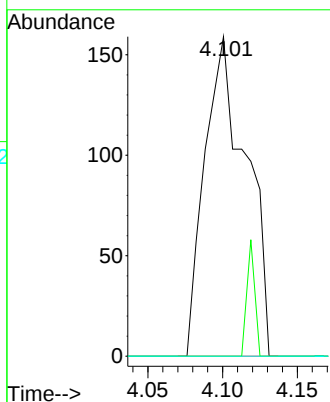
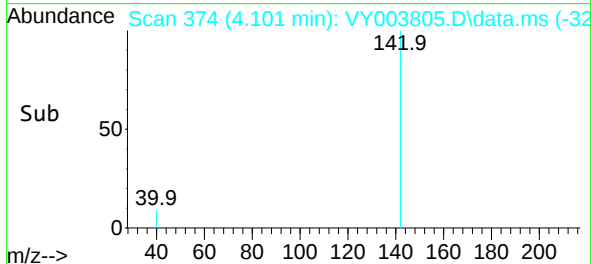


#10
Methyl Iodide
Concen: 3.90 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY003805.D
Acq: 16 Dec 2020 15:25

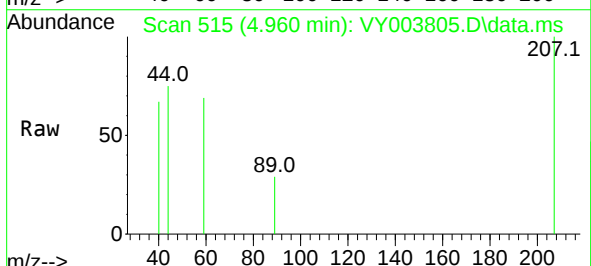
Instrument :
MSVOA_Y
ClientSampled :



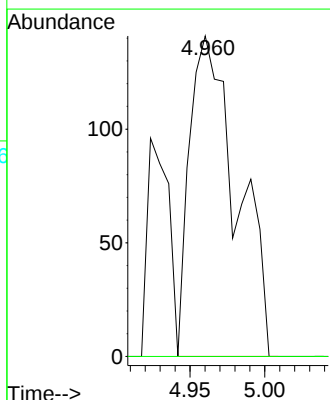
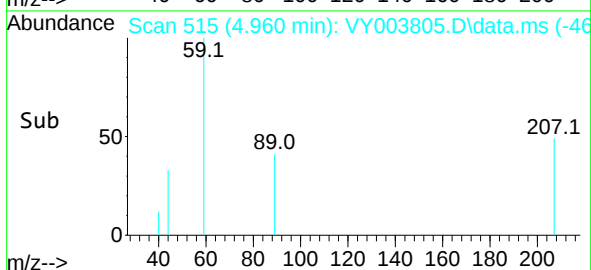
Tgt Ion:142 Resp: 306
Ion Ratio Lower Upper
142 100
127 6.9 33.7 50.5#
141 0.0 11.4 17.2#

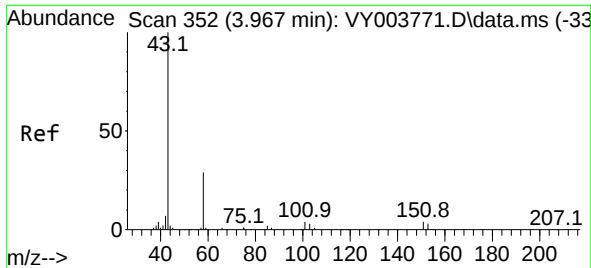


#11
Tert butyl alcohol
Concen: 1.90 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY003805.D
Acq: 16 Dec 2020 15:25



Tgt Ion: 59 Resp: 309
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

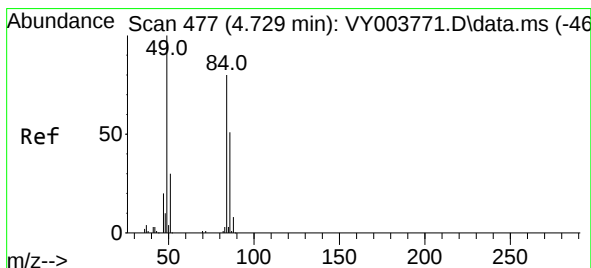
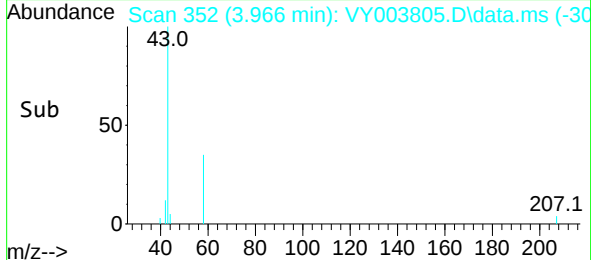
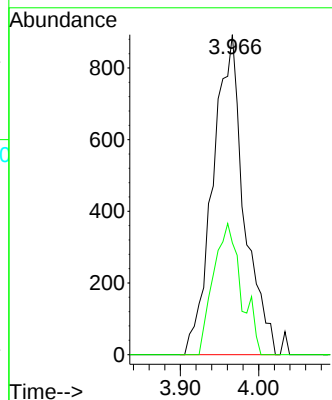
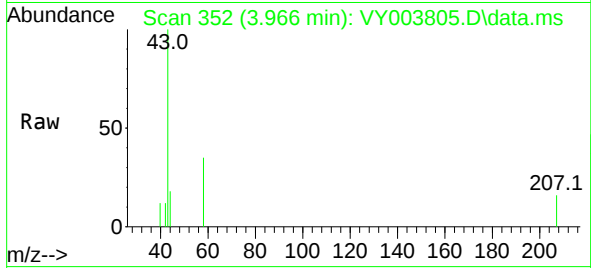




#16
Acetone
Concen: 6.63 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY003805.D
Acq: 16 Dec 2020 15:25

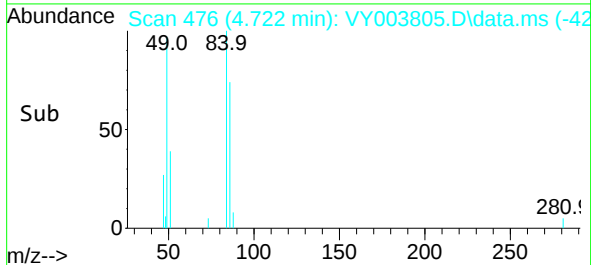
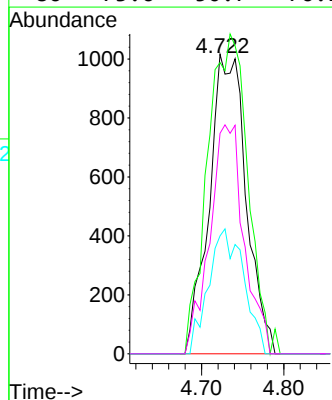
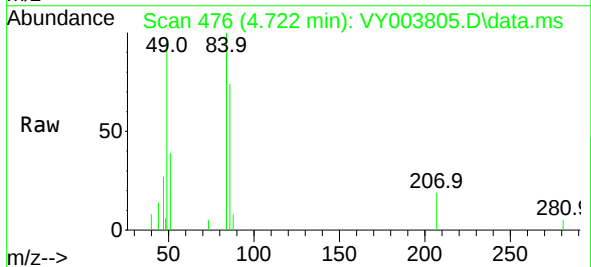
Instrument :
MSVOA_Y
ClientSampled :

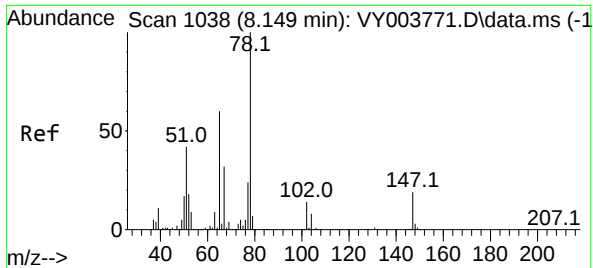
Tgt Ion: 43 Resp: 2474
Ion Ratio Lower Upper
43 100
58 34.9 22.9 34.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY003805.D
Acq: 16 Dec 2020 15:25

Tgt Ion: 84 Resp: 3163
Ion Ratio Lower Upper
84 100
49 97.2 100.4 150.6#
51 39.4 30.3 45.5
86 73.6 50.7 76.1

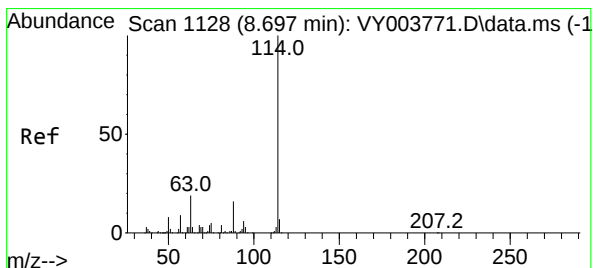
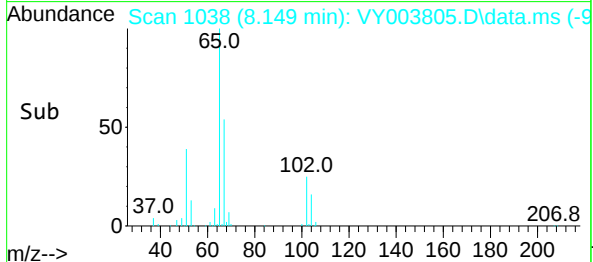
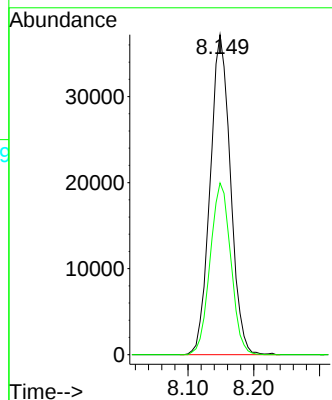
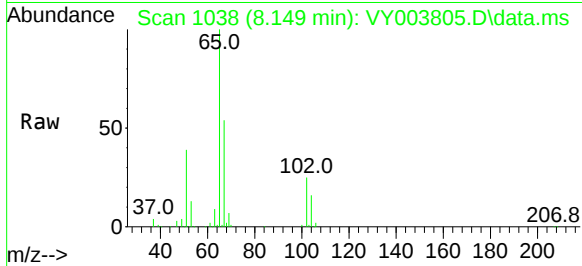




#33
 1,2-Dichloroethane-d4
 Concen: 49.36 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY003805.D
 Acq: 16 Dec 2020 15:25

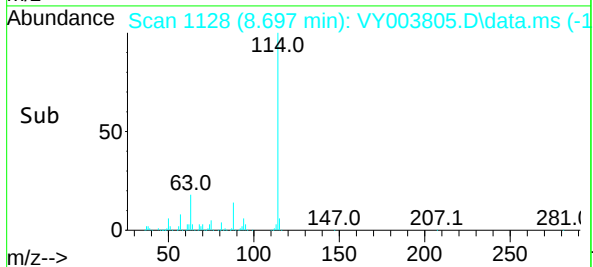
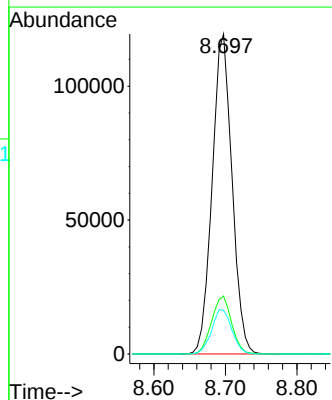
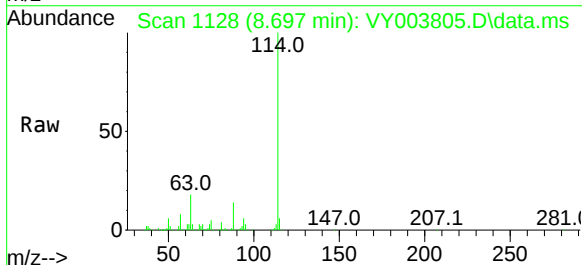
Instrument :
 MSVOA_Y
 ClientSampled :

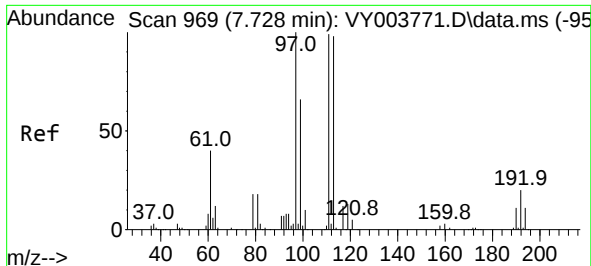
Tgt Ion: 65 Resp: 80071
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY003805.D
 Acq: 16 Dec 2020 15:25

Tgt Ion:114 Resp: 229821
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.4
 88 13.7 0.0 31.8

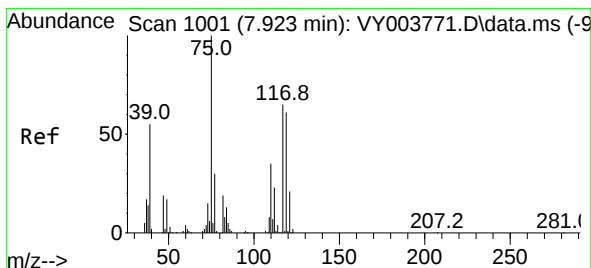
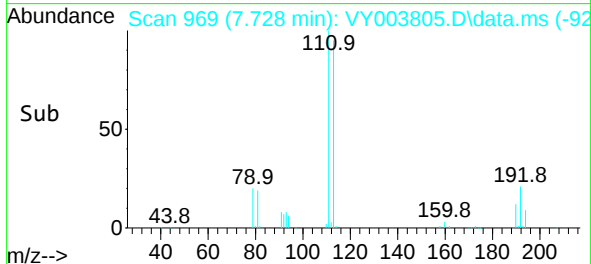
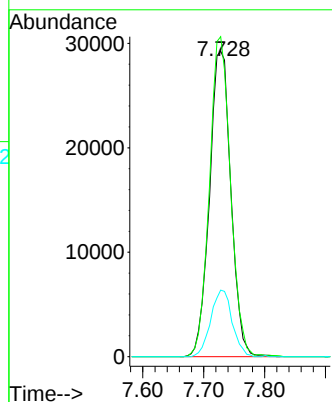
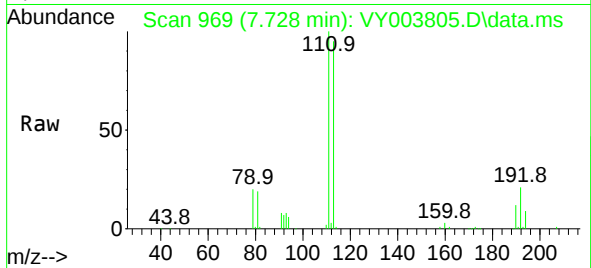




#35
Dibromofluoromethane
Concen: 43.03 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY003805.D
Acq: 16 Dec 2020 15:25

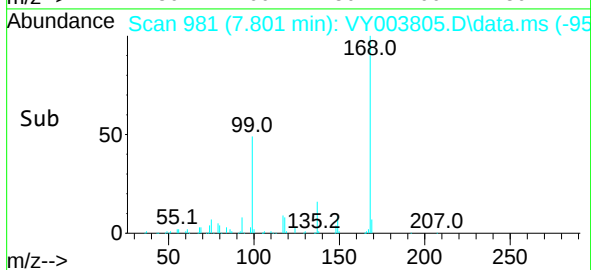
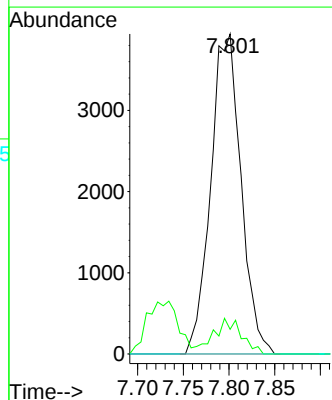
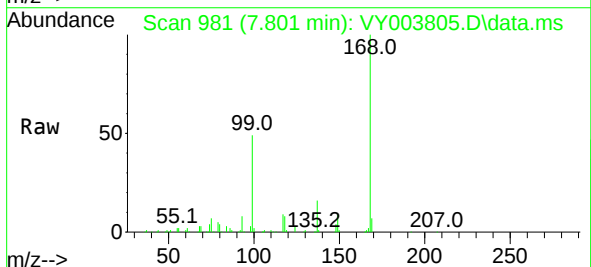
Instrument :
MSVOA_Y
ClientSampleId :

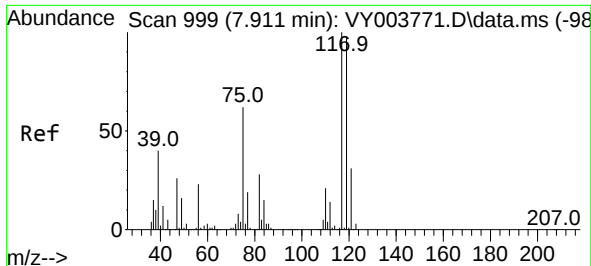
Tgt Ion:113 Resp: 71533
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 21.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 3.51 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY003805.D
Acq: 16 Dec 2020 15:25

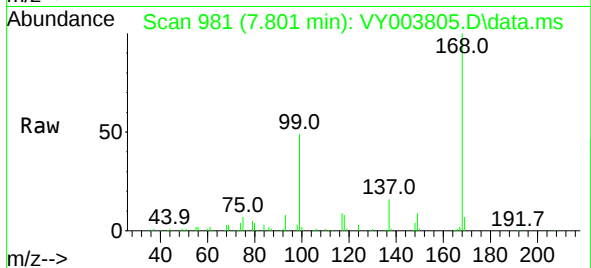
Tgt Ion: 75 Resp: 9058
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.1#
77 0.0 24.6 36.8#



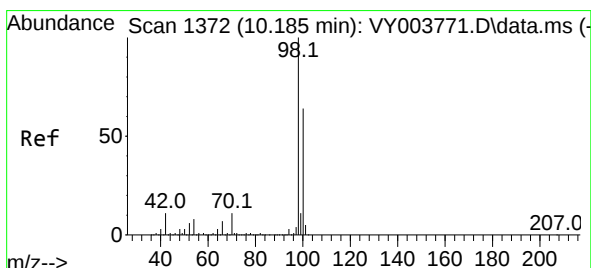
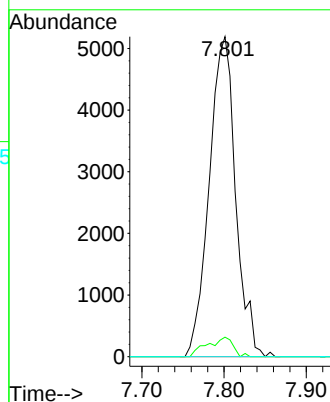
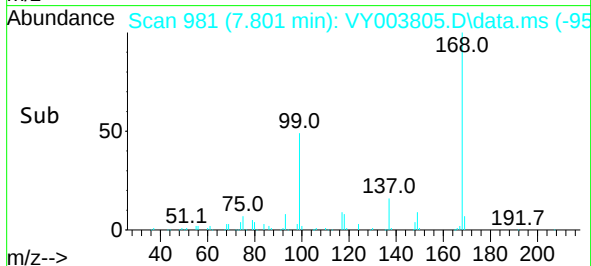


#38
Carbon Tetrachloride
Concen: 4.51 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY003805.D
Acq: 16 Dec 2020 15:25

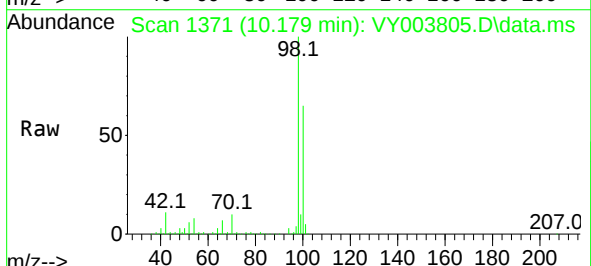
Instrument :
MSVOA_Y
ClientSampled :



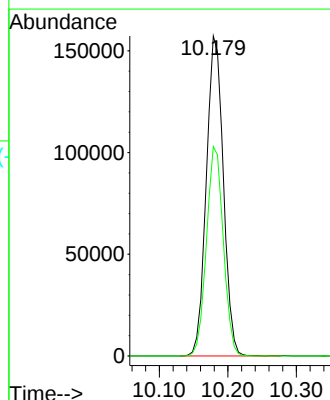
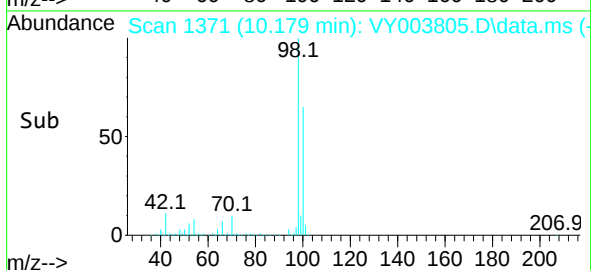
Tgt Ion:117 Resp: 11629
Ion Ratio Lower Upper
117 100
119 6.1 77.2 115.8#
121 0.0 25.0 37.4#

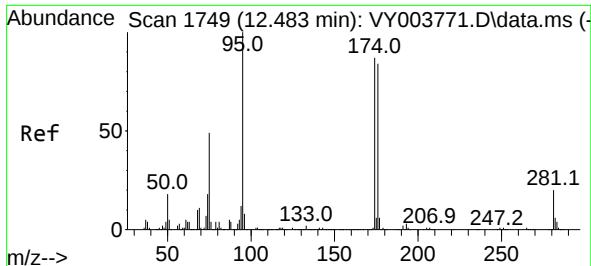


#50
Toluene-d8
Concen: 41.30 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY003805.D
Acq: 16 Dec 2020 15:25



Tgt Ion: 98 Resp: 271819
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4

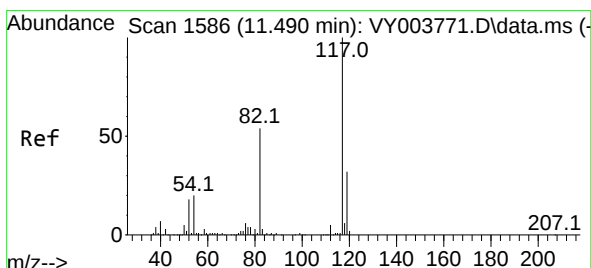
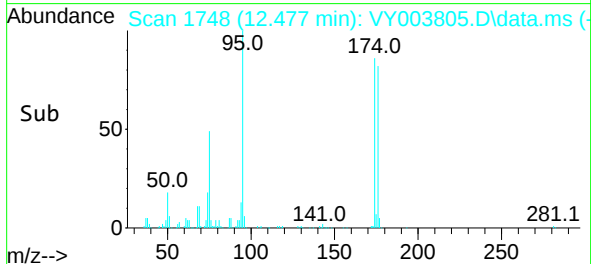
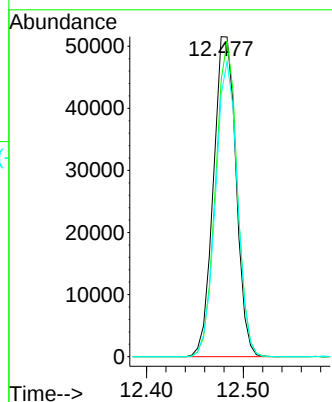
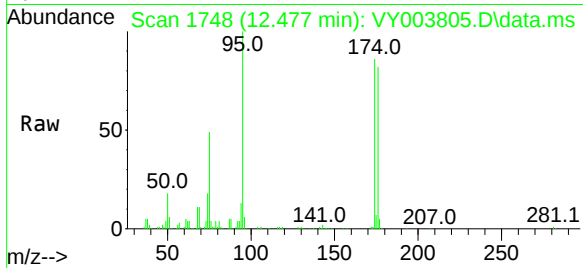




#62
4-Bromofluorobenzene
Concen: 36.91 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY003805.D
Acq: 16 Dec 2020 15:25

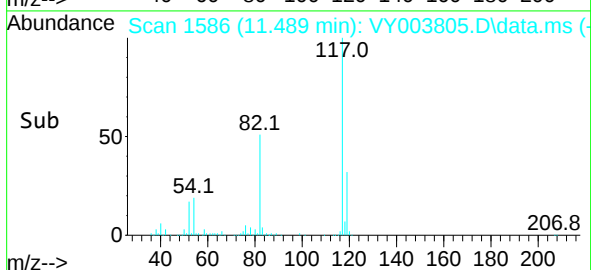
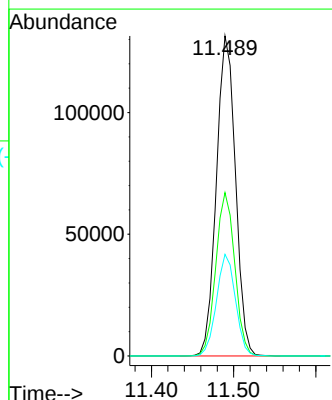
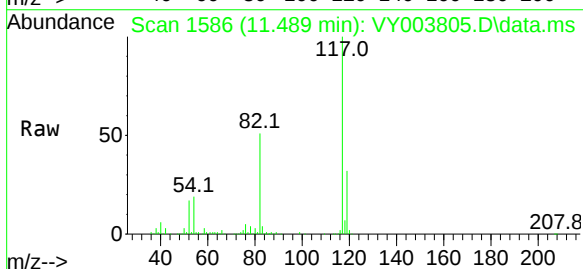
Instrument :
MSVOA_Y
ClientSampled :

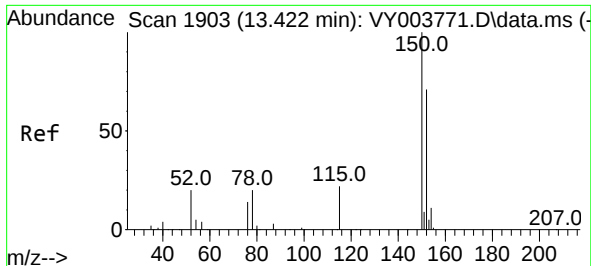
Tgt Ion: 95 Resp: 83474
Ion Ratio Lower Upper
95 100
174 94.0 0.0 170.8
176 89.0 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY003805.D
Acq: 16 Dec 2020 15:25

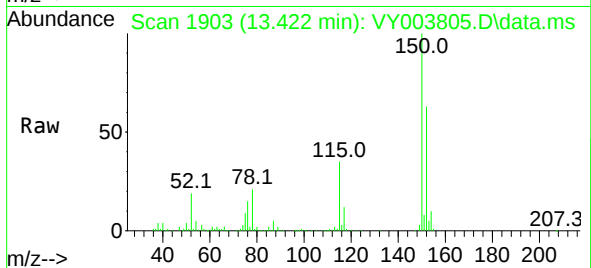
Tgt Ion: 117 Resp: 211806
Ion Ratio Lower Upper
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82 51.1 43.0 64.6
119 31.8 25.7 38.5



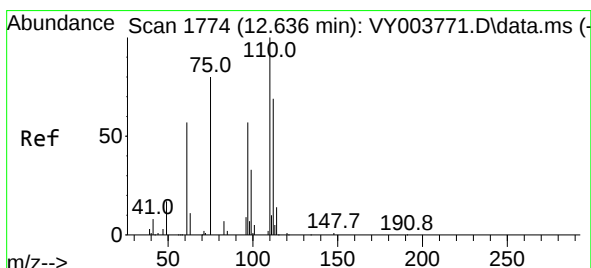
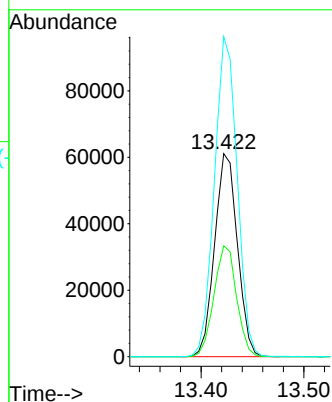
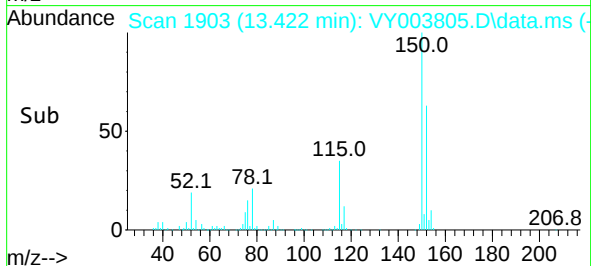


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY003805.D
 Acq: 16 Dec 2020 15:25

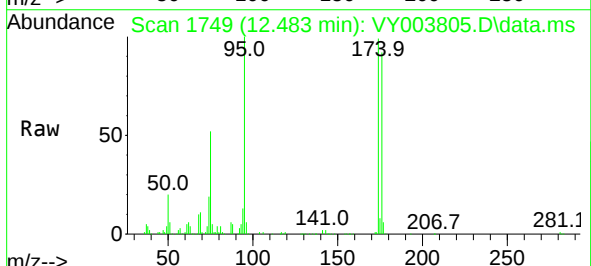
Instrument :
 MSVOA_Y
 ClientSampled :



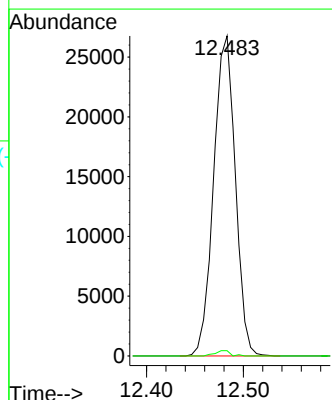
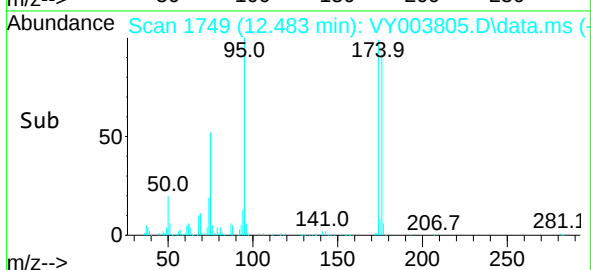
Tgt Ion:152 Resp: 93963
 Ion Ratio Lower Upper
 152 100
 115 54.1 28.0 83.9
 150 157.6 0.0 347.6

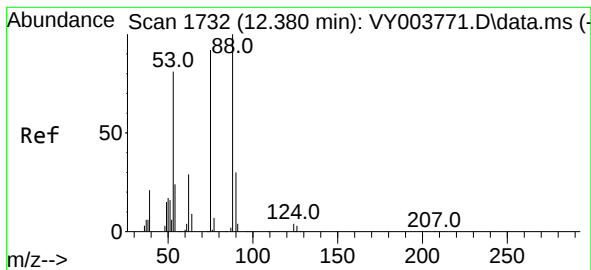


#76
 1,2,3-Trichloropropane
 Concen: 37.38 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY003805.D
 Acq: 16 Dec 2020 15:25



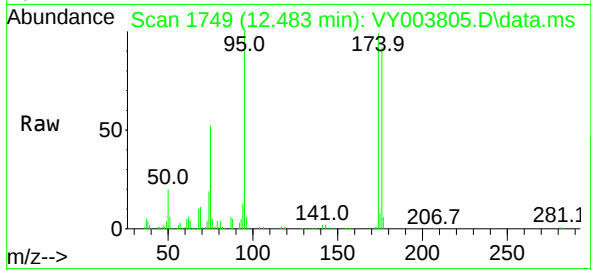
Tgt Ion: 75 Resp: 41605
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.78 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY003805.D
 Acq: 16 Dec 2020 15:25

Instrument :
 MSVOA_Y
 ClientSampleId :



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

