

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121620\
 Data File : VY003800.D
 Acq On : 16 Dec 2020 13:28
 Operator : SY/MD
 Sample : L5113-01
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 17 02:52:11 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	194856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	333717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	298773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142353	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	112764	46.66	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.32%
35) Dibromofluoromethane	7.728	113	103490	42.87	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.74%
50) Toluene-d8	10.179	98	398339	41.68	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.36%
62) 4-Bromofluorobenzene	12.483	95	125031	38.08	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.16%

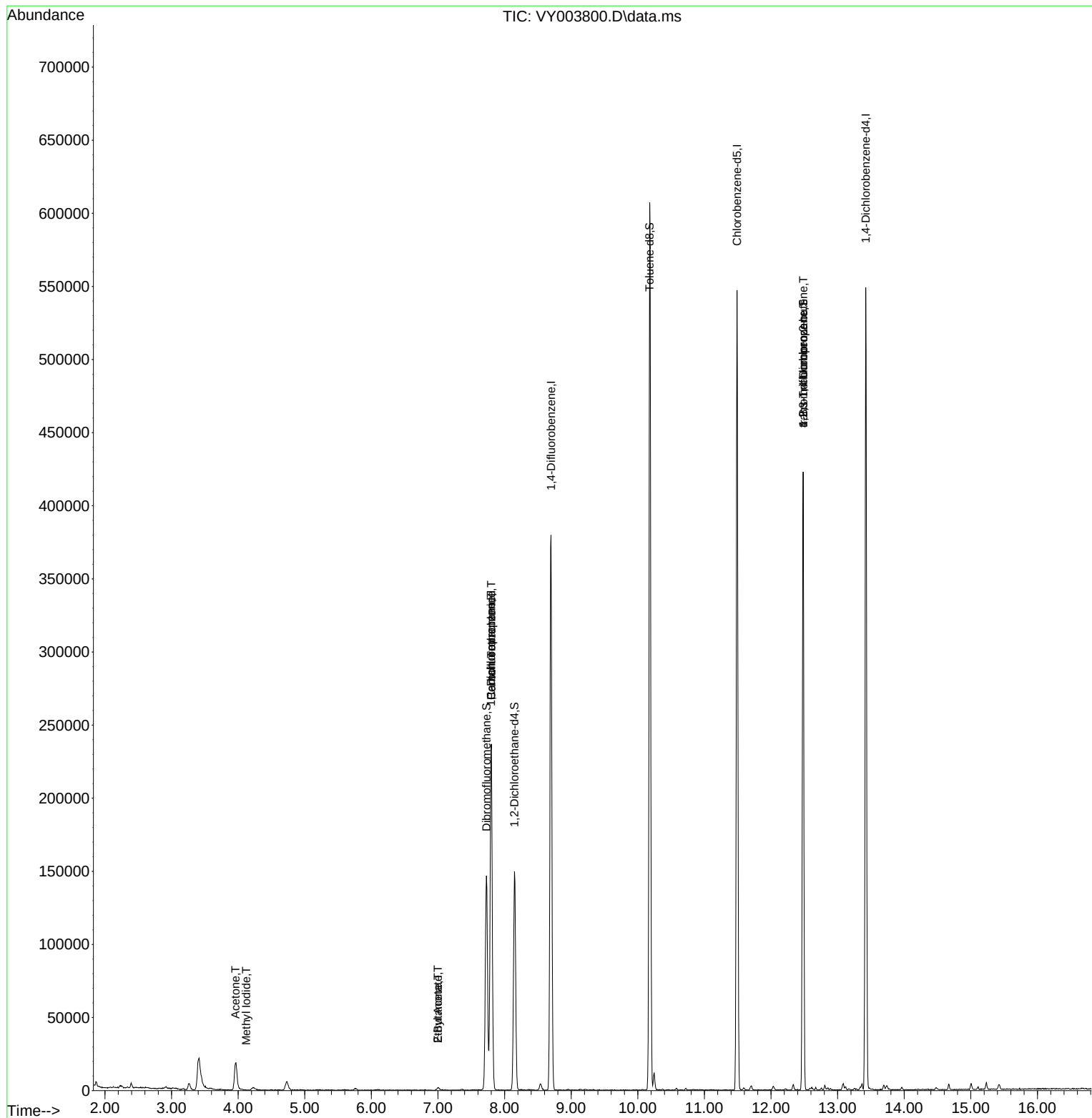
Target Compounds					Qvalue
5) Bromomethane	2.650	94	23	Below Cal	# 2
10) Methyl Iodide	4.119	142	250	3.83 ug/l	# 42
16) Acetone	3.960	43	32409	58.31 ug/l	96
20) Methylene Chloride	4.722	84	4557	Below Cal	90
25) 2-Butanone	6.996	43	2401	2.67 ug/l	98
36) 1,1-Dichloropropene	7.795	75	13886	3.70 ug/l	# 50
37) Ethyl Acetate	6.996	43	2401	1.06 ug/l	# 77
38) Carbon Tetrachloride	7.801	117	17565	4.69 ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	62967	37.34 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	62967	70.71 ug/l	# 5

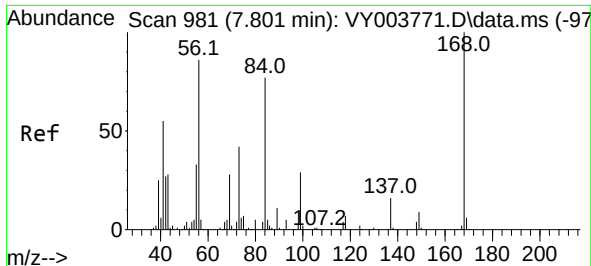
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

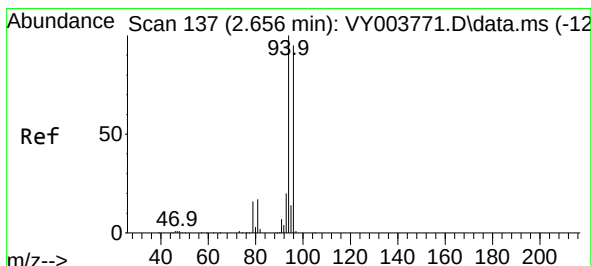
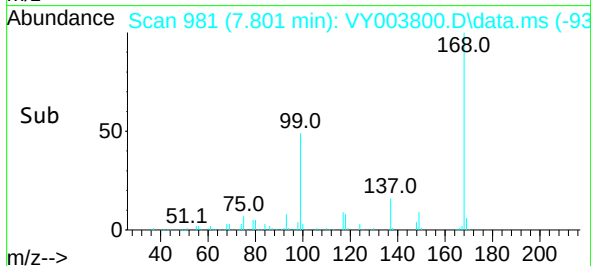
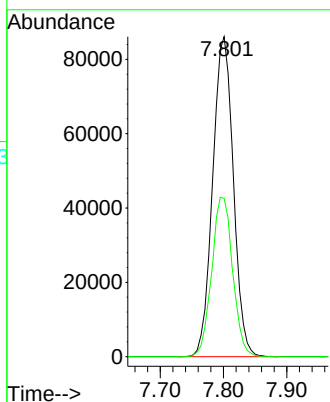
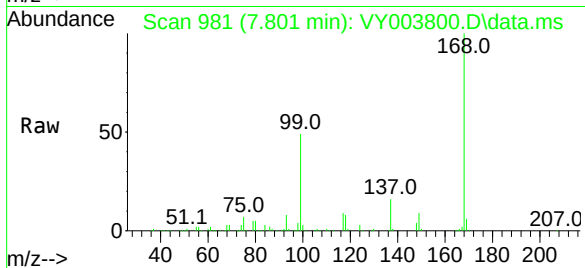




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003800.D
Acq: 16 Dec 2020 13:28

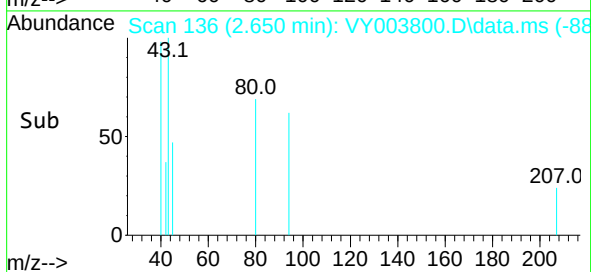
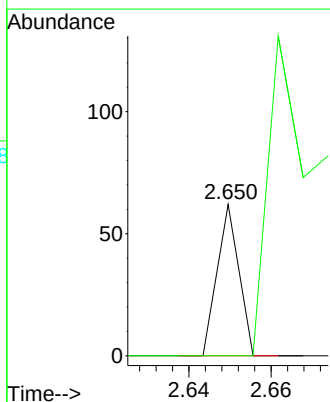
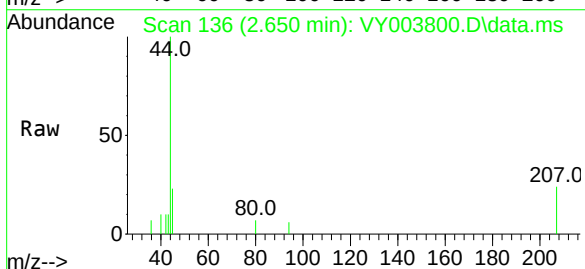
Instrument :
MSVOA_Y
ClientSampled :

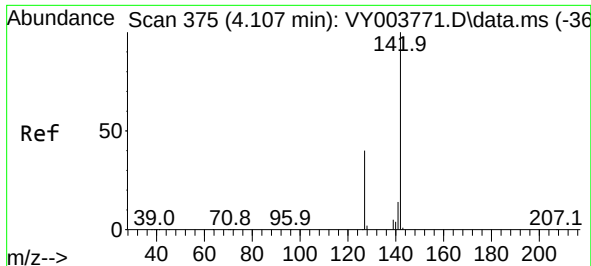
Tgt Ion:168 Resp: 194856
Ion Ratio Lower Upper
168 100
99 49.5 41.9 62.9



#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 136
Delta R.T. -0.006 min
Lab File: VY003800.D
Acq: 16 Dec 2020 13:28

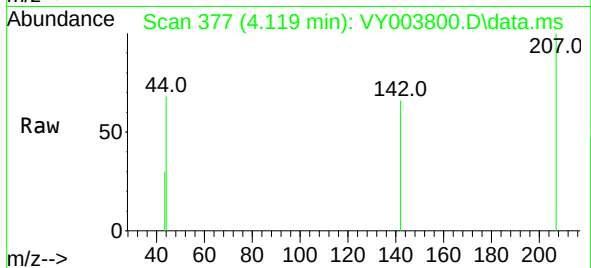
Tgt Ion: 94 Resp: 23
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#



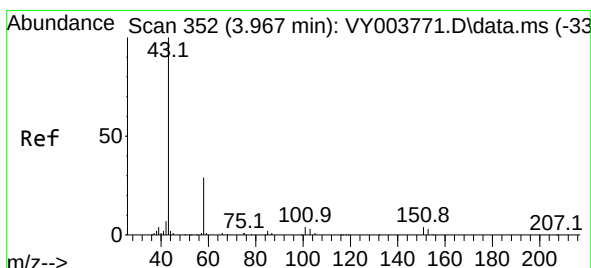
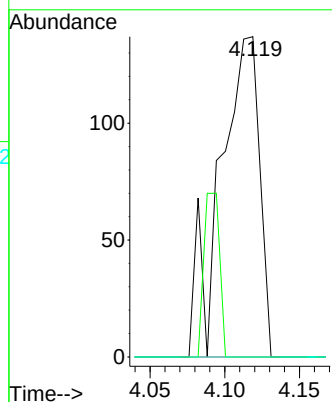
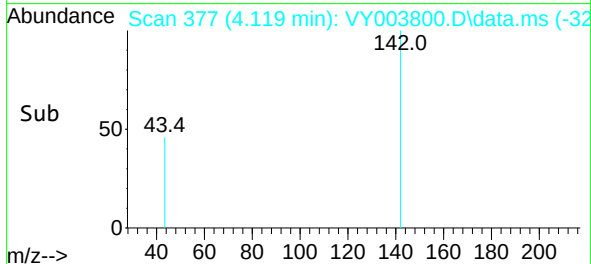


#10
Methyl Iodide
Concen: 3.83 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY003800.D
Acq: 16 Dec 2020 13:28

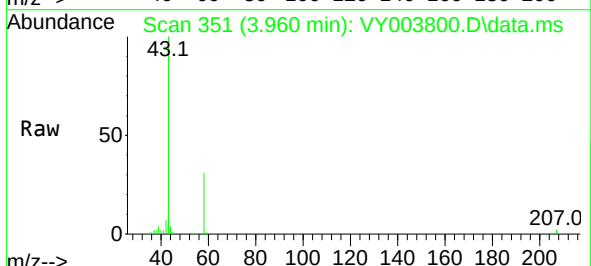
Instrument :
MSVOA_Y
ClientSampled :



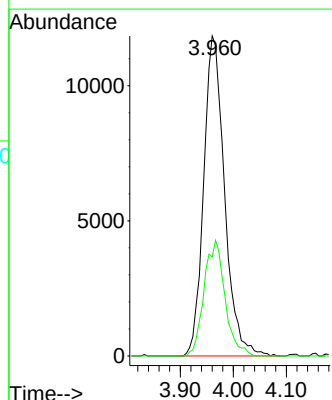
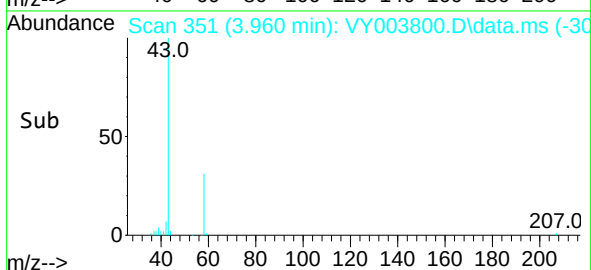
Tgt Ion:142 Resp: 250
Ion Ratio Lower Upper
142 100
127 0.0 33.7 50.5#
141 0.0 11.4 17.2#

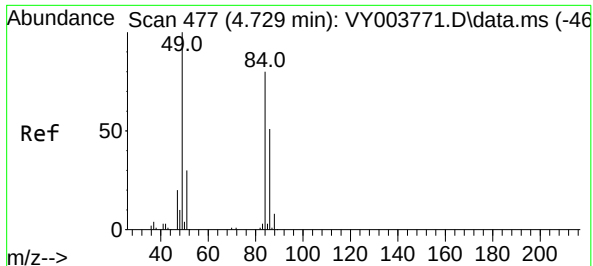


#16
Acetone
Concen: 58.31 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY003800.D
Acq: 16 Dec 2020 13:28



Tgt Ion: 43 Resp: 32409
Ion Ratio Lower Upper
43 100
58 30.9 22.9 34.3





#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

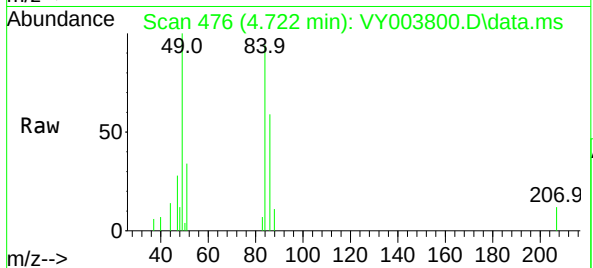
Lab File: VY003800.D

Acq: 16 Dec 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 4557

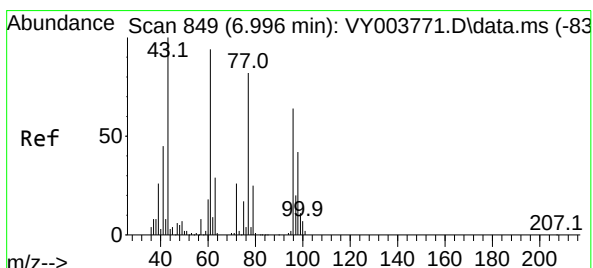
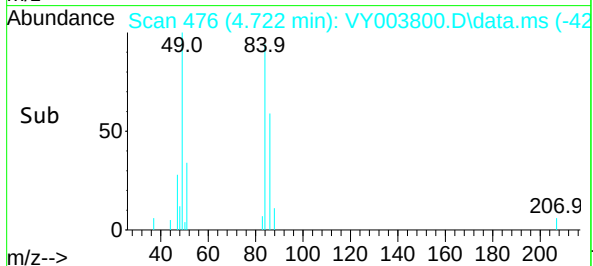
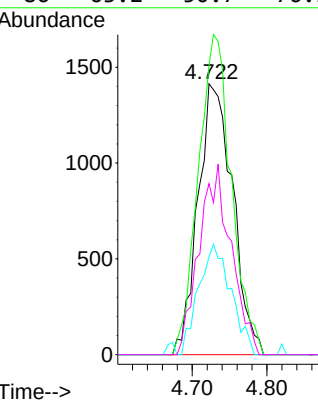
Ion Ratio Lower Upper

84 100

49 106.8 100.4 150.6

51 36.1 30.3 45.5

86 63.2 50.7 76.1



#25

2-Butanone

Concen: 2.67 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY003800.D

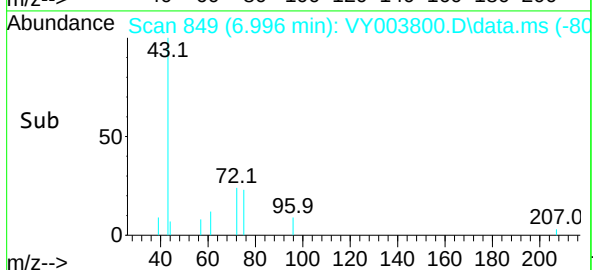
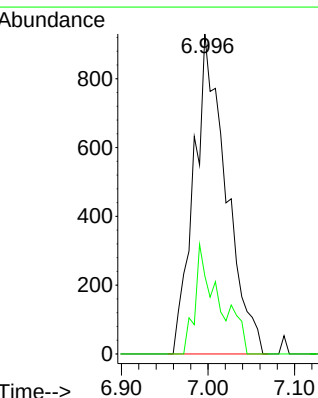
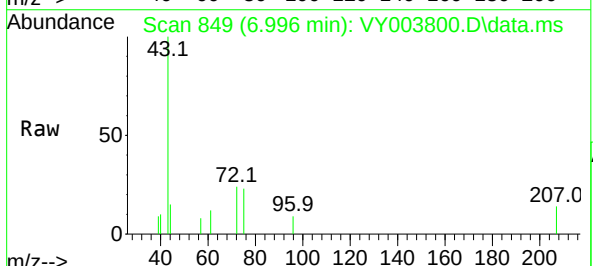
Acq: 16 Dec 2020 13:28

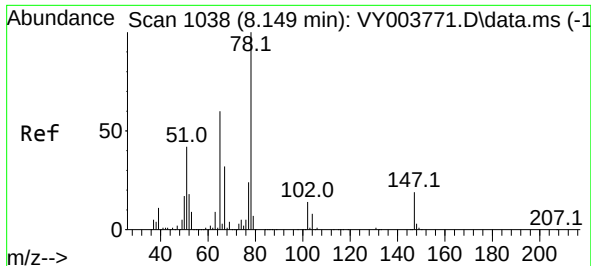
Tgt Ion: 43 Resp: 2401

Ion Ratio Lower Upper

43 100

72 24.4 20.5 30.7

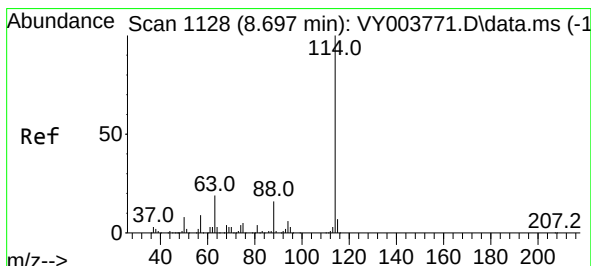
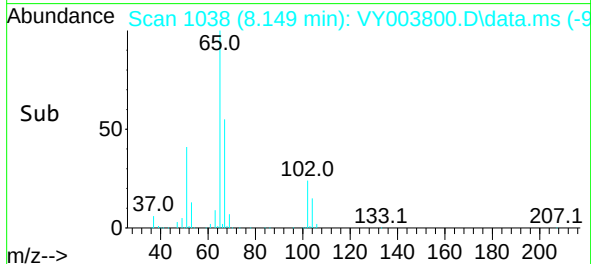
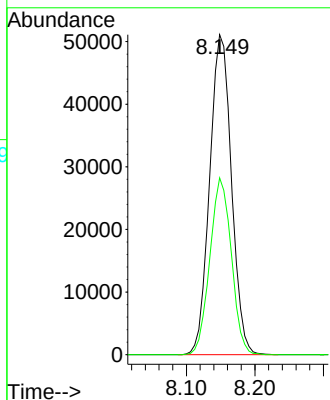
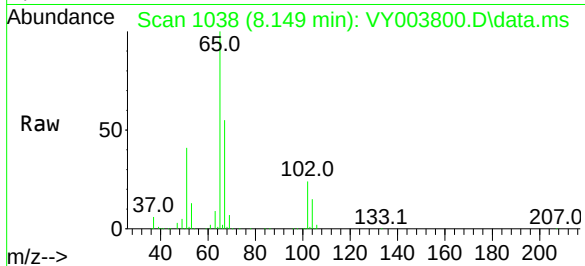




#33
1,2-Dichloroethane-d4
Concen: 46.66 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY003800.D
Acq: 16 Dec 2020 13:28

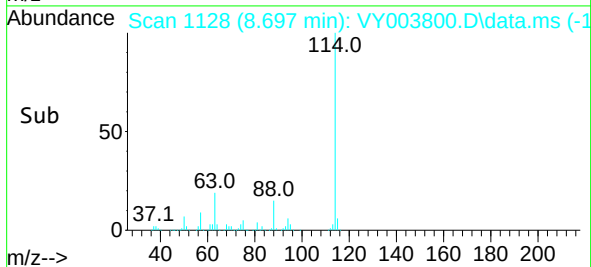
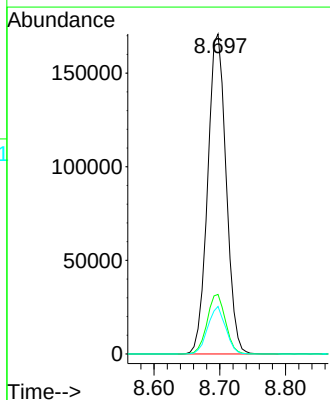
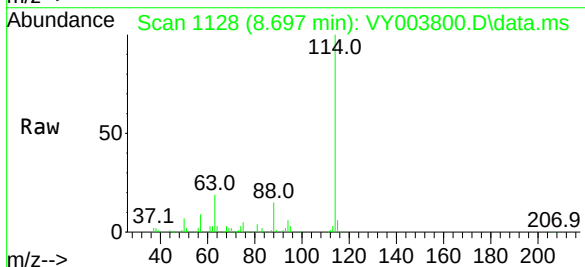
Instrument :
MSVOA_Y
ClientSampled :

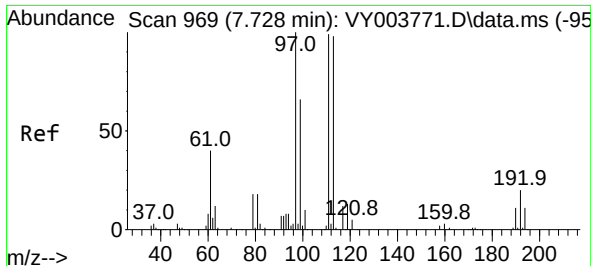
Tgt Ion: 65 Resp: 112764
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY003800.D
Acq: 16 Dec 2020 13:28

Tgt Ion: 114 Resp: 333717
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.4
88 14.8 0.0 31.8

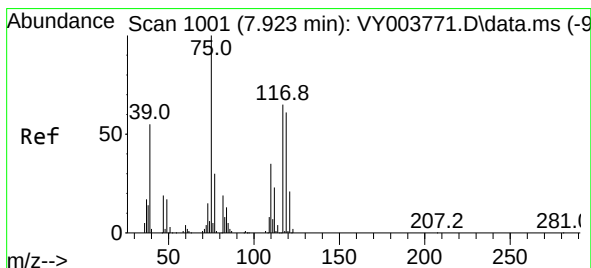
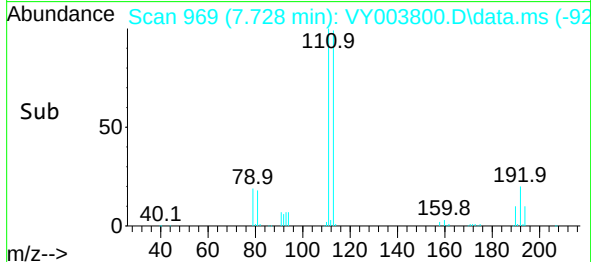
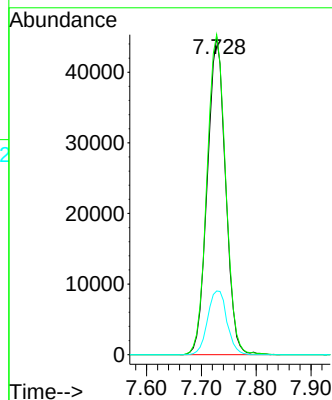
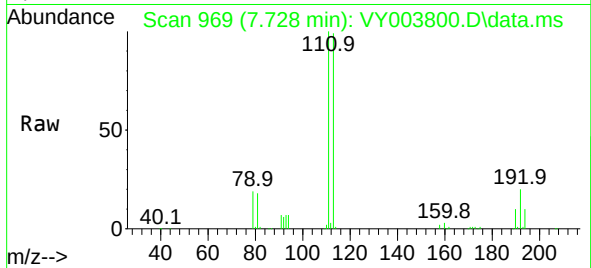




#35
Dibromofluoromethane
Concen: 42.87 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY003800.D
Acq: 16 Dec 2020 13:28

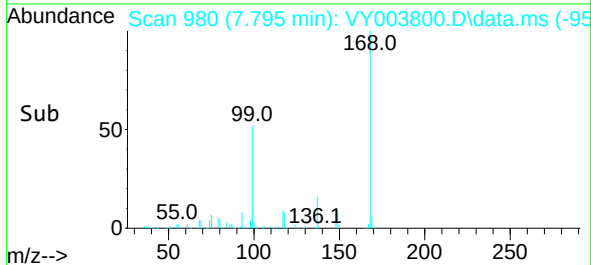
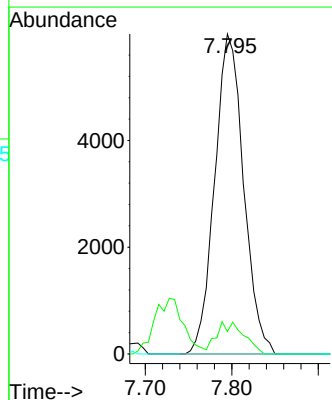
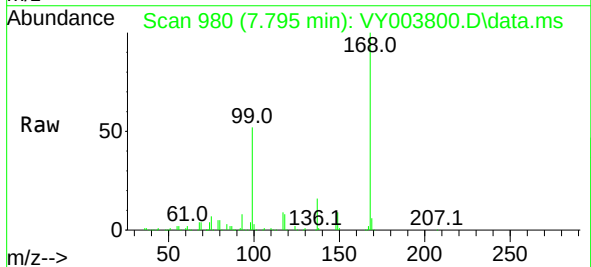
Instrument :
MSVOA_Y
ClientSampleId :

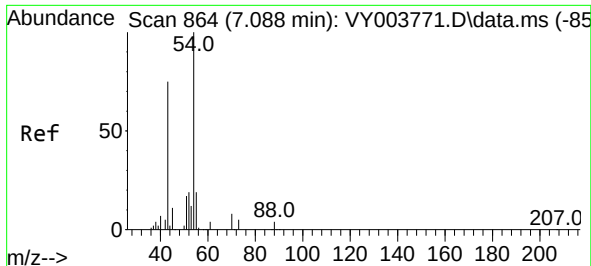
Tgt Ion:113 Resp: 103490
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 21.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 3.70 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY003800.D
Acq: 16 Dec 2020 13:28

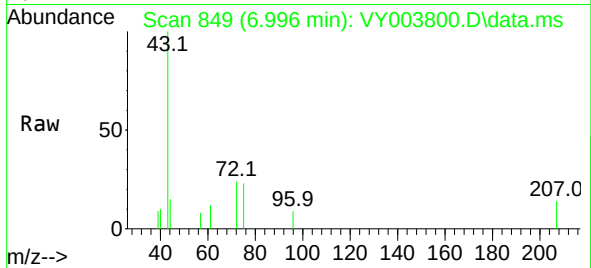
Tgt Ion: 75 Resp: 13886
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.1#
77 0.0 24.6 36.8#



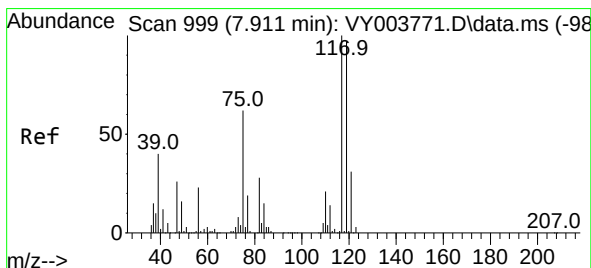
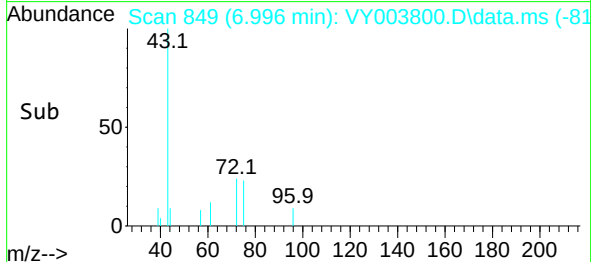
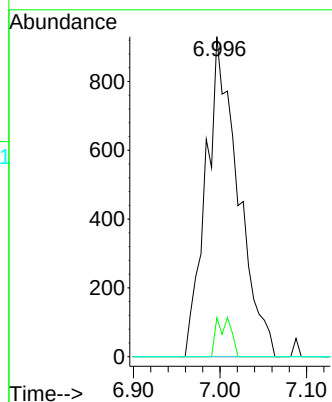


#37
Ethyl Acetate
Concen: 1.06 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.092 min
Lab File: VY003800.D
Acq: 16 Dec 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :

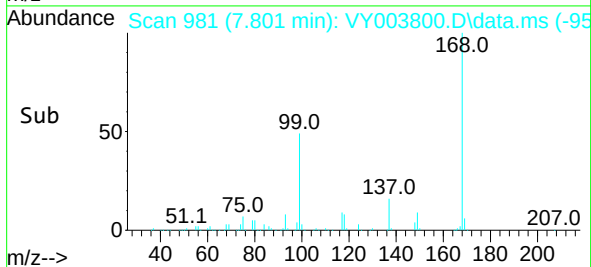
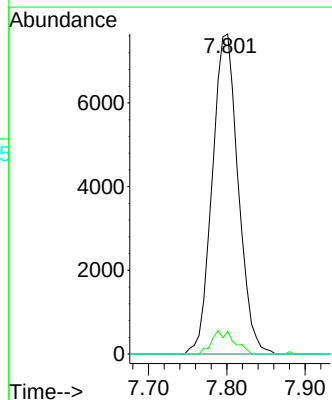
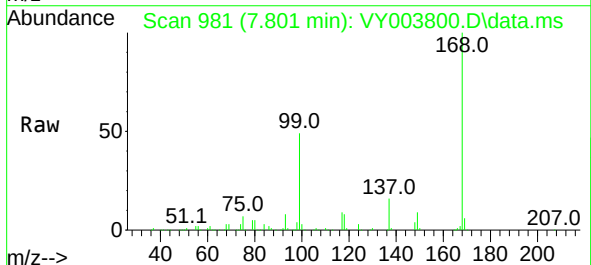


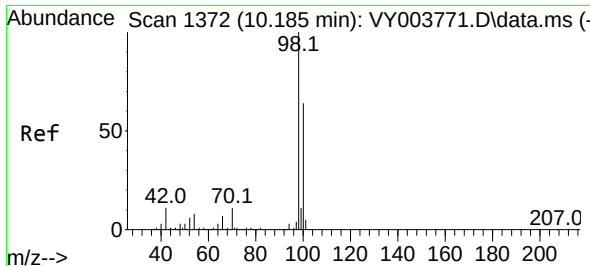
Tgt Ion: 43 Resp: 2401
Ion Ratio Lower Upper
43 100
61 5.5 11.0 16.4#
70 0.0 8.1 12.1#



#38
Carbon Tetrachloride
Concen: 4.69 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY003800.D
Acq: 16 Dec 2020 13:28

Tgt Ion: 117 Resp: 17565
Ion Ratio Lower Upper
117 100
119 7.1 77.2 115.8#
121 0.0 25.0 37.4#

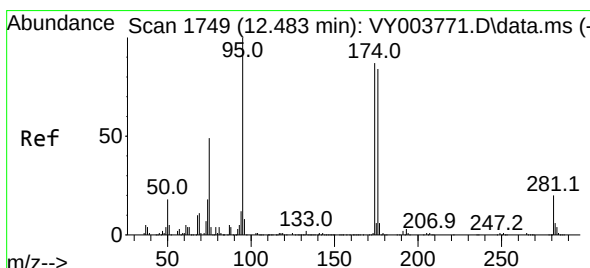
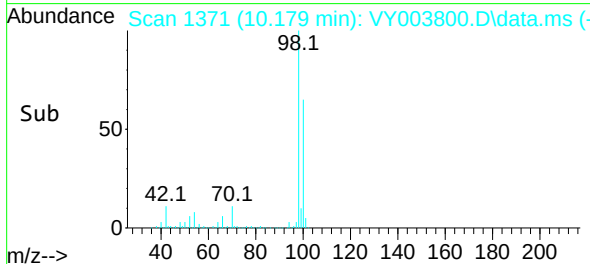
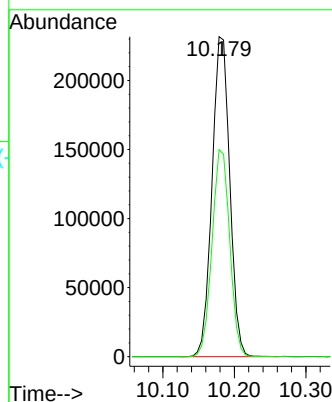
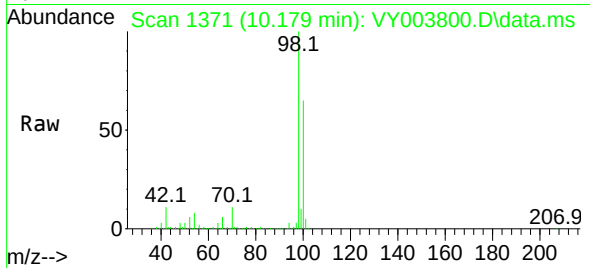




#50
Toluene-d8
Concen: 41.68 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY003800.D
Acq: 16 Dec 2020 13:28

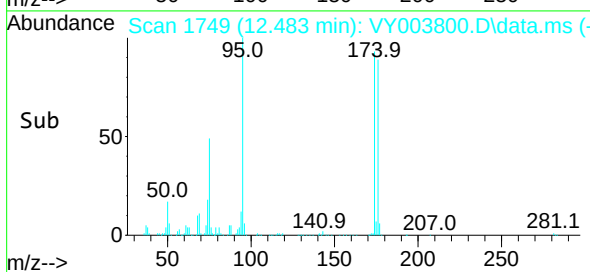
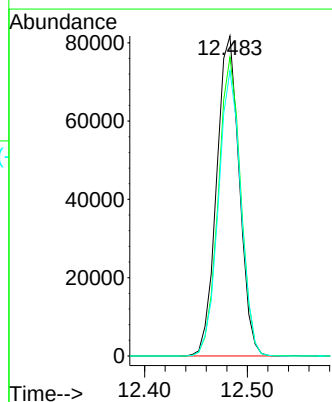
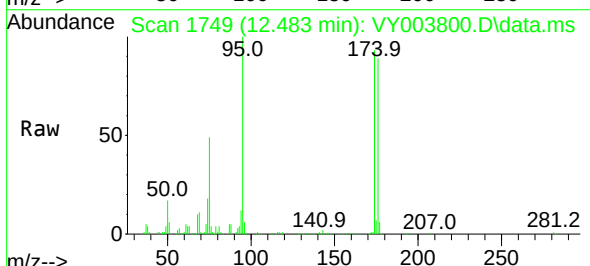
Instrument :
MSVOA_Y
ClientSampled :

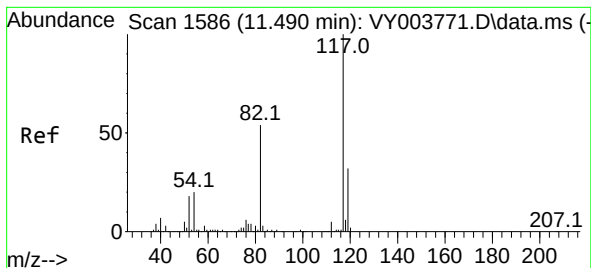
Tgt Ion: 98 Resp: 398339
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 38.08 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY003800.D
Acq: 16 Dec 2020 13:28

Tgt Ion: 95 Resp: 125031
Ion Ratio Lower Upper
95 100
174 92.1 0.0 170.8
176 88.3 0.0 165.0

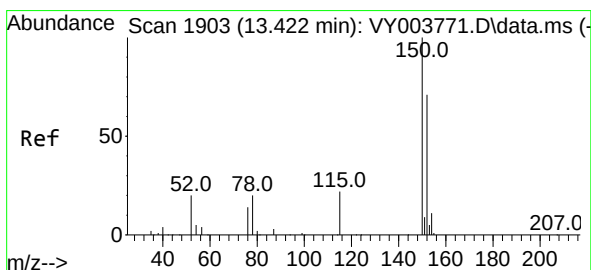
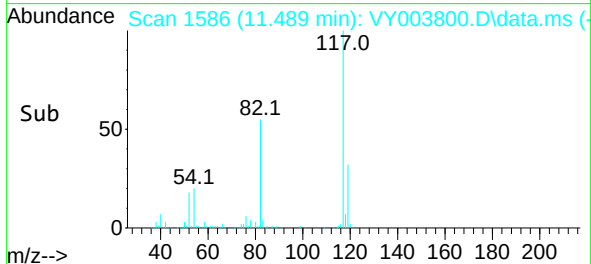
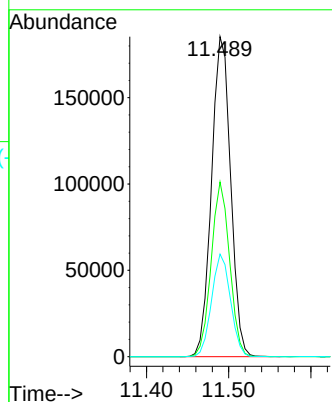
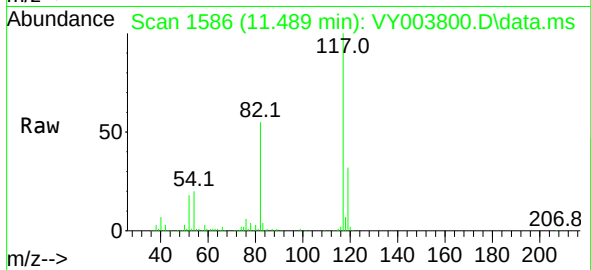




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY003800.D
Acq: 16 Dec 2020 13:28

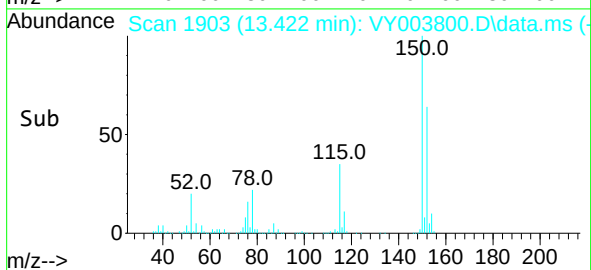
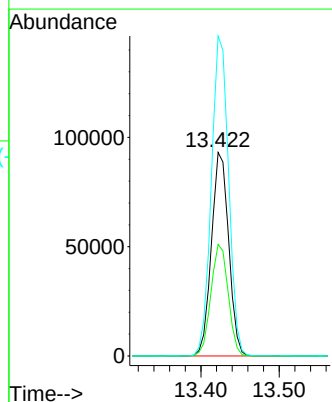
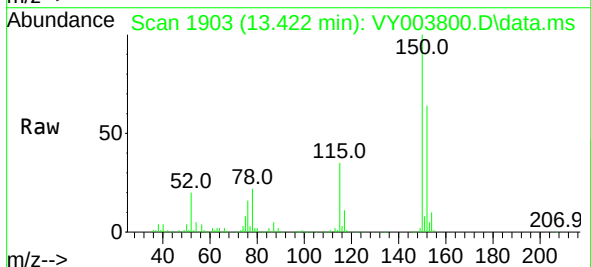
Instrument :
MSVOA_Y
ClientSampleId :

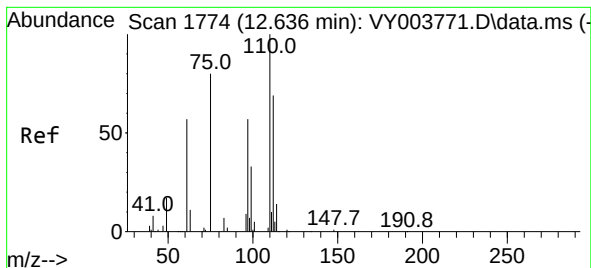
Tgt Ion:117 Resp: 298773
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.6
119 32.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY003800.D
Acq: 16 Dec 2020 13:28

Tgt Ion:152 Resp: 142353
Ion Ratio Lower Upper
152 100
115 54.8 28.0 83.9
150 157.0 0.0 347.6

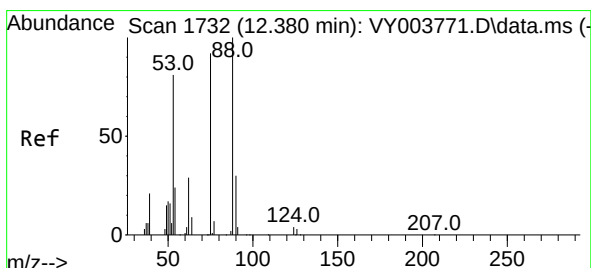
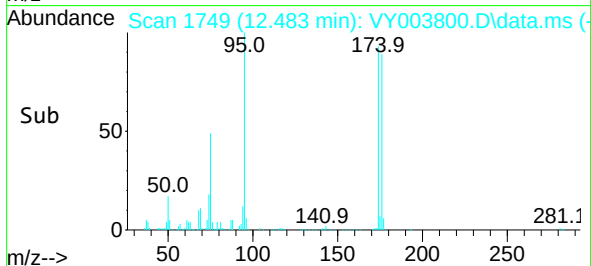
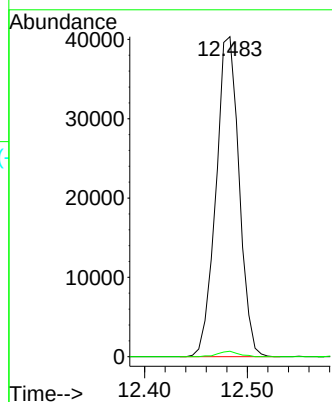
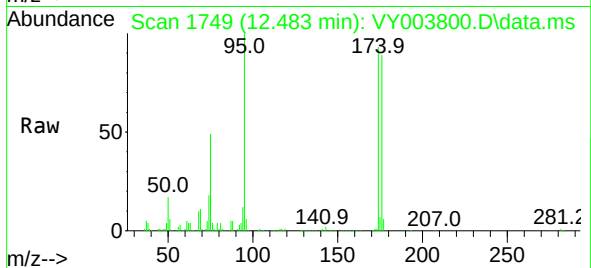




#76
1,2,3-Trichloropropane
Concen: 37.34 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY003800.D
Acq: 16 Dec 2020 13:28

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 62967
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.71 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY003800.D
Acq: 16 Dec 2020 13:28

Tgt Ion: 75 Resp: 62967
Ion Ratio Lower Upper
75 100
53 0.1 70.4 105.6#
89 0.1 0.0 0.0#

