

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121620\
 Data File : VY003801.D
 Acq On : 16 Dec 2020 13:52
 Operator : SY/MD
 Sample : L5118-01
 Misc : 3.47G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 17 02:52:27 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	192761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	333705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	307341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142982	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	114880	48.06	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.12%
35) Dibromofluoromethane	7.728	113	103593	42.91	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.82%
50) Toluene-d8	10.179	98	401201	41.98	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.96%
62) 4-Bromofluorobenzene	12.483	95	127689	38.89	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.78%

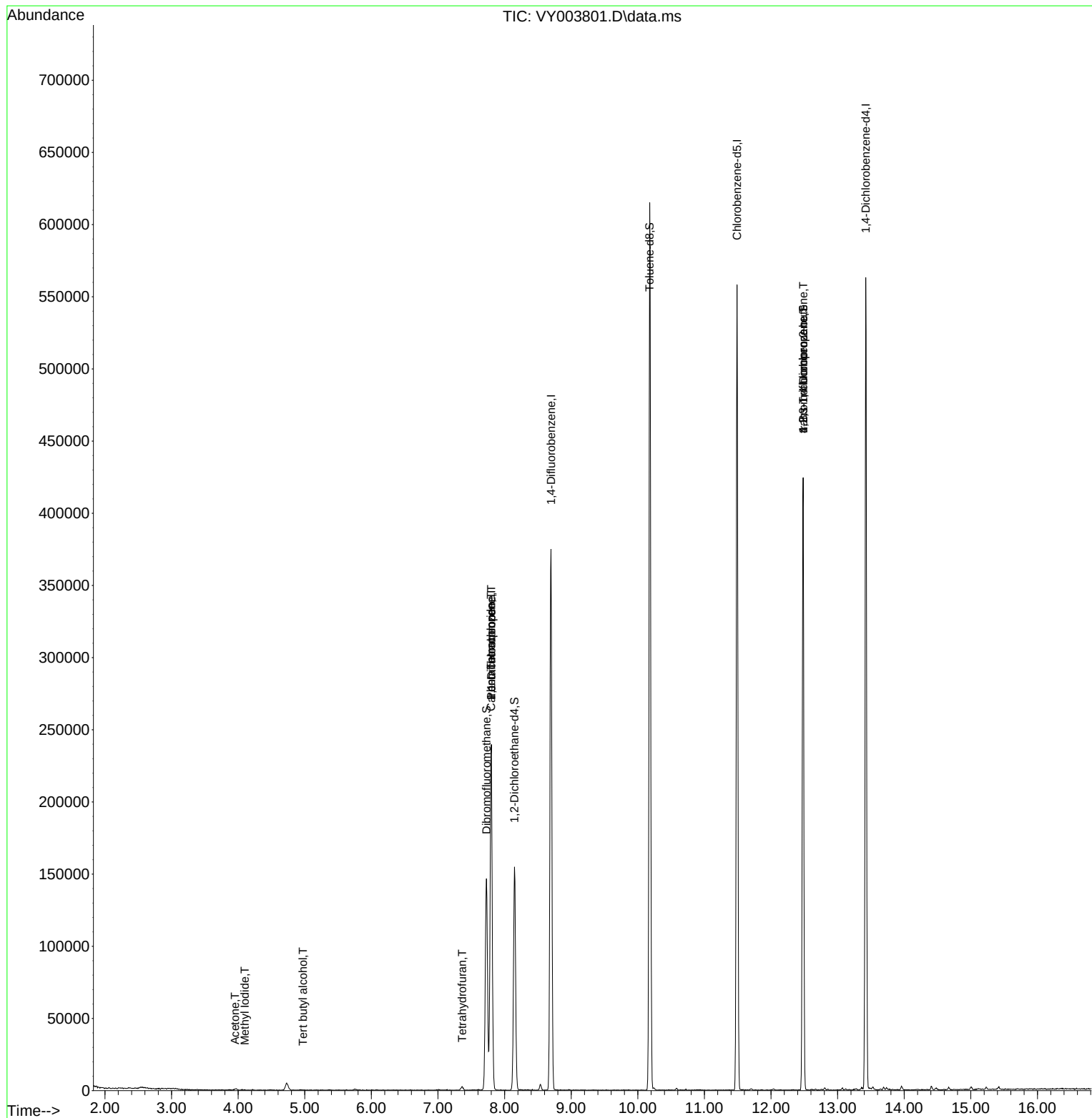
Target Compounds					Qvalue
5) Bromomethane	2.662	94	56	Below Cal	# 2
10) Methyl Iodide	4.100	142	177	3.80 ug/l	# 42
11) Tert butyl alcohol	4.972	59	279	1.16 ug/l	# 73
16) Acetone	3.954	43	1715	3.12 ug/l	94
20) Methylene Chloride	4.722	84	3394	Below Cal	93
29) Tetrahydrofuran	7.362	42	1884	3.07 ug/l	# 92
36) 1,1-Dichloropropene	7.801	75	12673	3.38 ug/l	# 50
38) Carbon Tetrachloride	7.795	117	17472	4.66 ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	63816	37.68 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	63816	71.35 ug/l	# 5

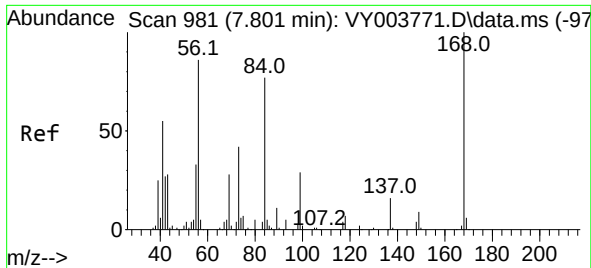
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 17 02:52:27 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

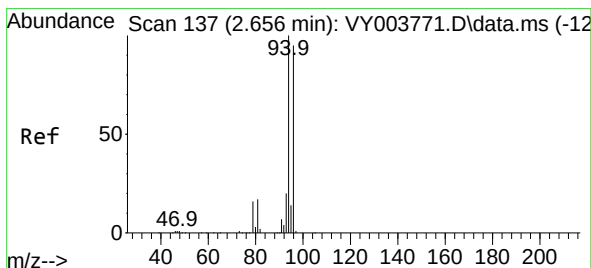
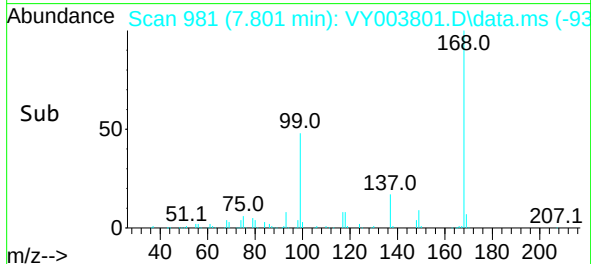
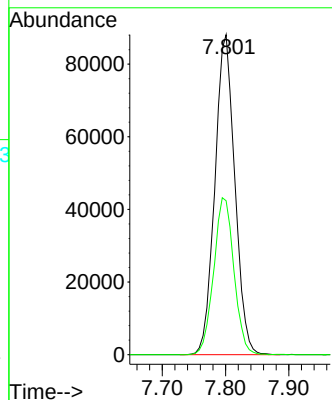
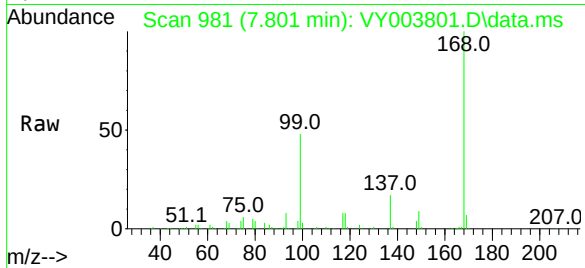




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY003801.D
Acq: 16 Dec 2020 13:52

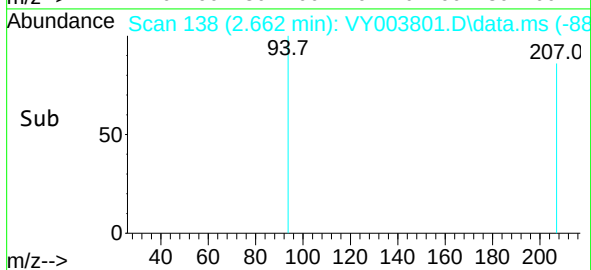
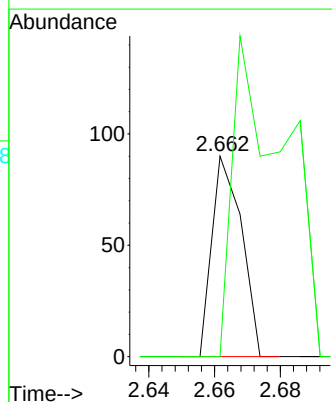
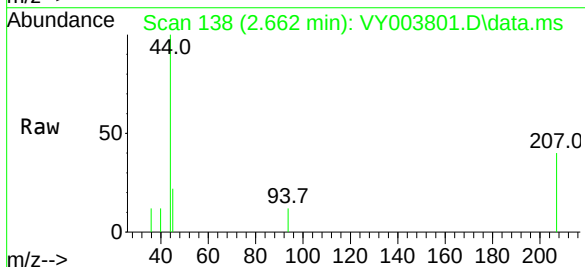
Instrument :
MSVOA_Y
ClientSampled :

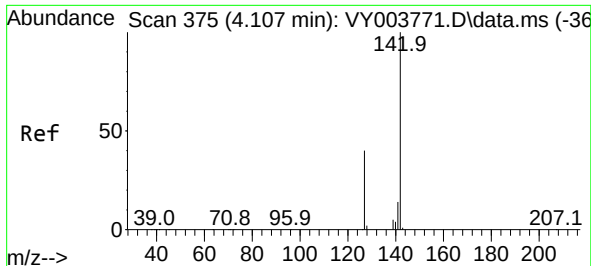
Tgt Ion:168 Resp: 192761
Ion Ratio Lower Upper
168 100
99 48.1 41.9 62.9



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY003801.D
Acq: 16 Dec 2020 13:52

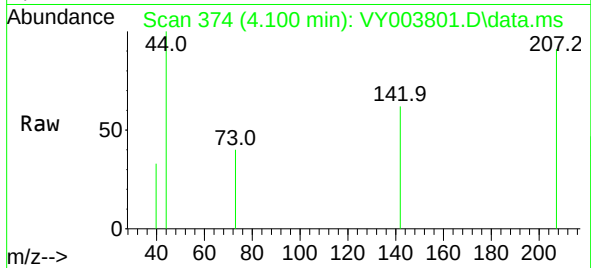
Tgt Ion: 94 Resp: 56
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#



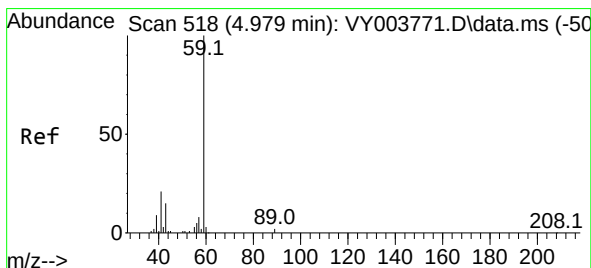
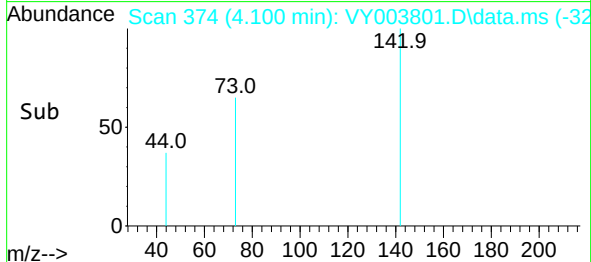
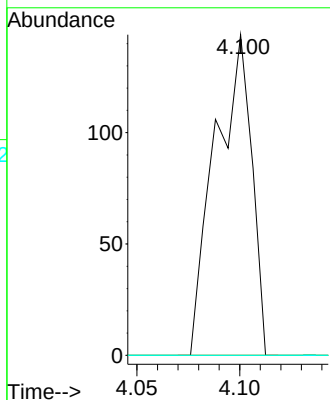


#10
Methyl Iodide
Concen: 3.80 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.007 min
Lab File: VY003801.D
Acq: 16 Dec 2020 13:52

Instrument :
MSVOA_Y
ClientSampled :

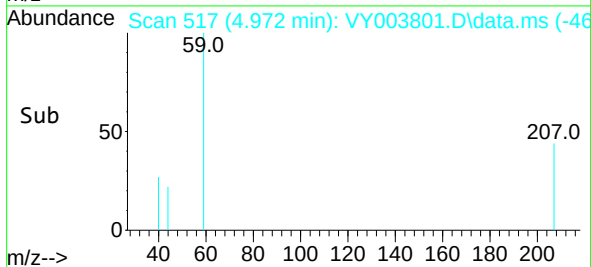
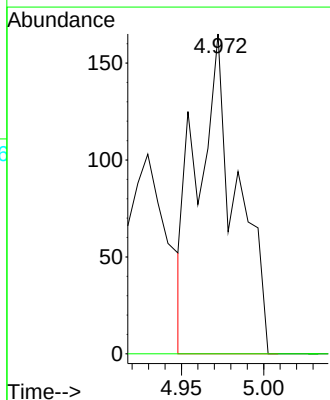
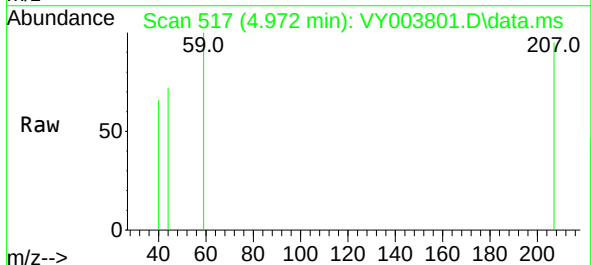


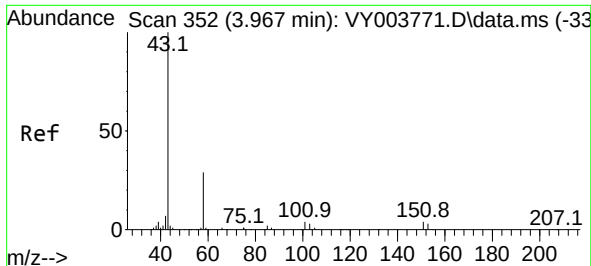
Tgt Ion:142 Resp: 177
Ion Ratio Lower Upper
142 100
127 0.0 33.7 50.5#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.16 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY003801.D
Acq: 16 Dec 2020 13:52

Tgt Ion: 59 Resp: 279
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

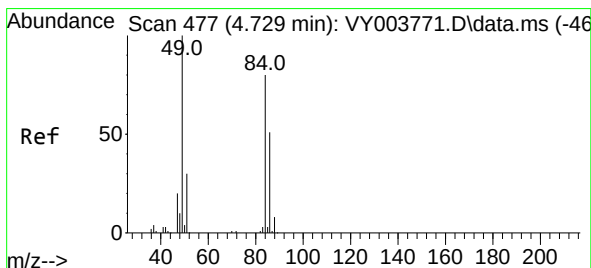
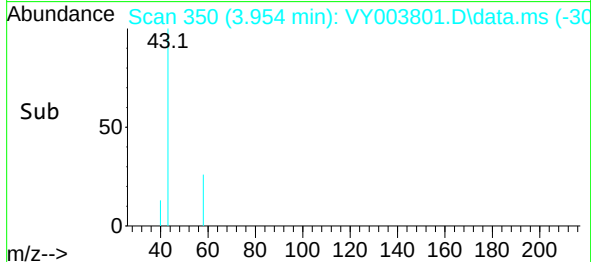
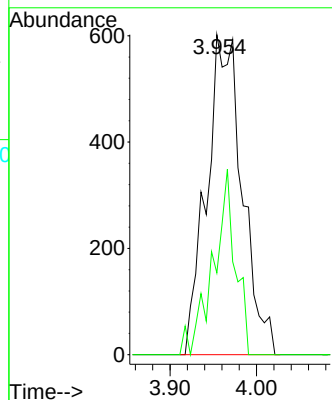
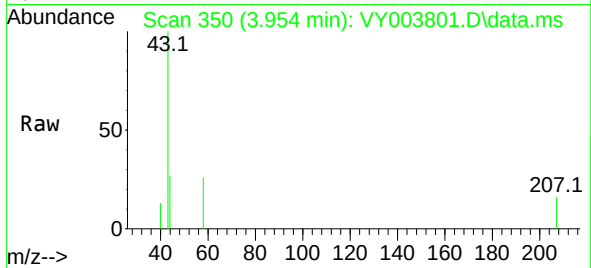




#16
Acetone
Concen: 3.12 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.012 min
Lab File: VY003801.D
Acq: 16 Dec 2020 13:52

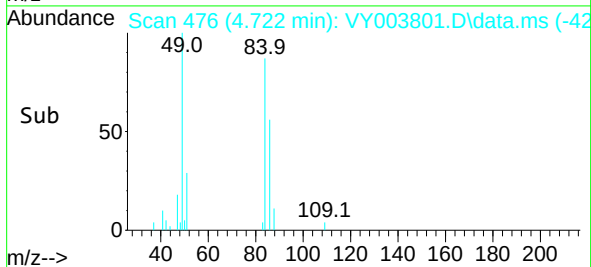
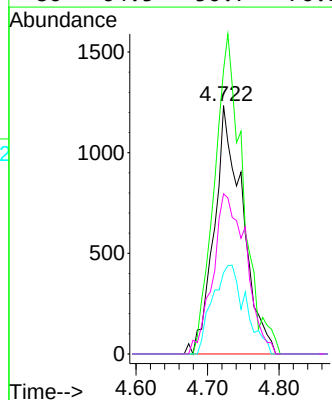
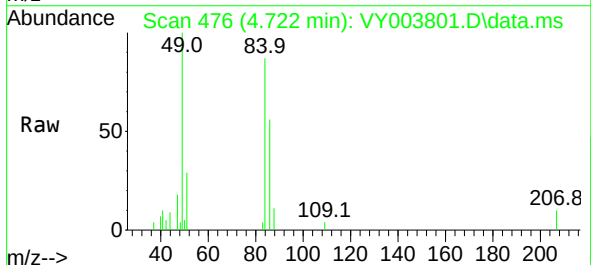
Instrument :
MSVOA_Y
ClientSampled :

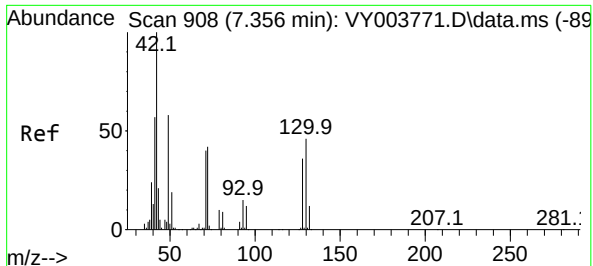
Tgt Ion: 43 Resp: 1715
Ion Ratio Lower Upper
43 100
58 25.6 22.9 34.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY003801.D
Acq: 16 Dec 2020 13:52

Tgt Ion: 84 Resp: 3394
Ion Ratio Lower Upper
84 100
49 114.3 100.4 150.6
51 32.7 30.3 45.5
86 64.5 50.7 76.1





#29

Tetrahydrofuran

Concen: 3.07 ug/l

RT: 7.362 min Scan# 909

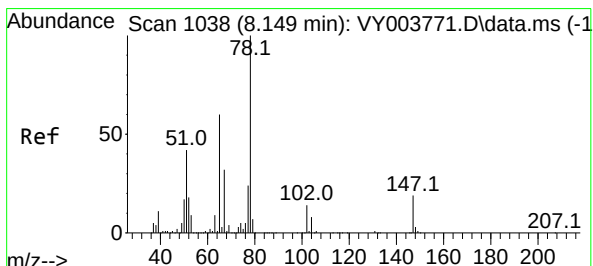
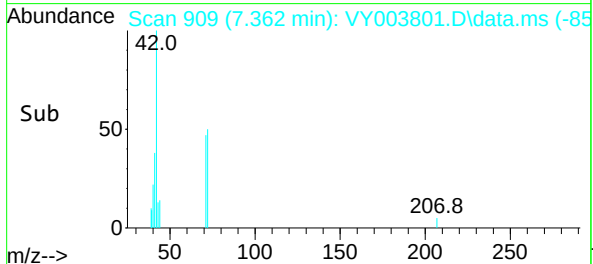
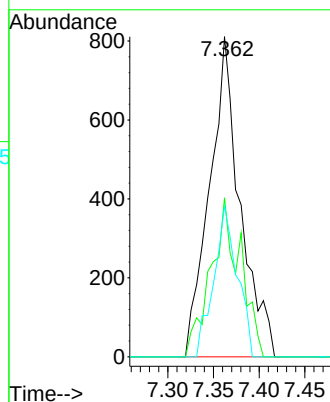
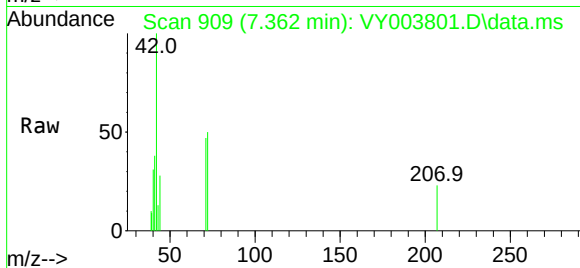
Delta R.T. 0.006 min

Lab File: VY003801.D

Acq: 16 Dec 2020 13:52

Tgt Ion:	42	Resp:	1884
Ion	Ratio	Lower	Upper
42	100		
72	47.9	31.7	47.5#
71	36.1	30.4	45.6

Instrument :
MSVOA_Y
ClientSampleId :



#33

1,2-Dichloroethane-d4

Concen: 48.06 ug/l

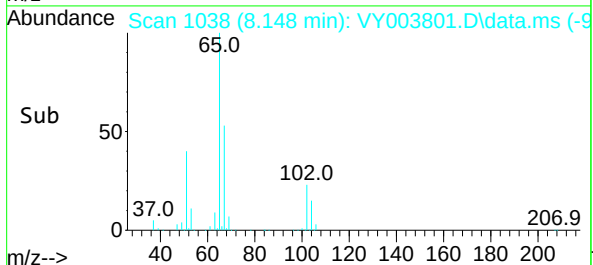
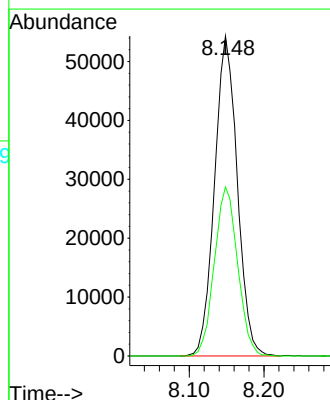
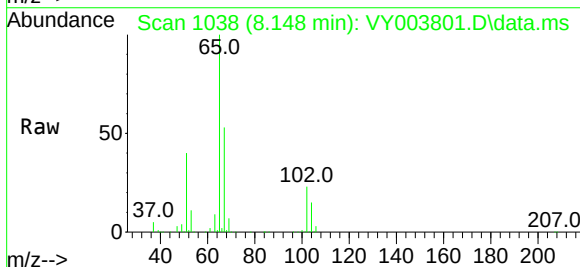
RT: 8.148 min Scan# 1038

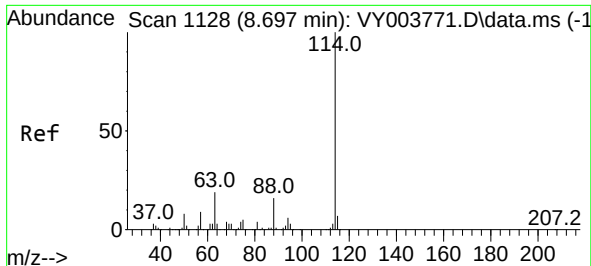
Delta R.T. -0.000 min

Lab File: VY003801.D

Acq: 16 Dec 2020 13:52

Tgt Ion:	65	Resp:	114880
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	107.6

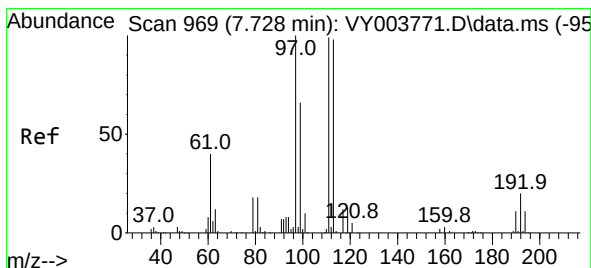
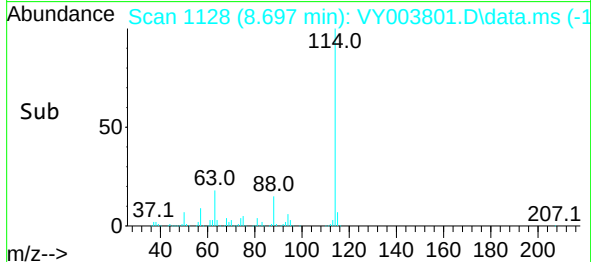
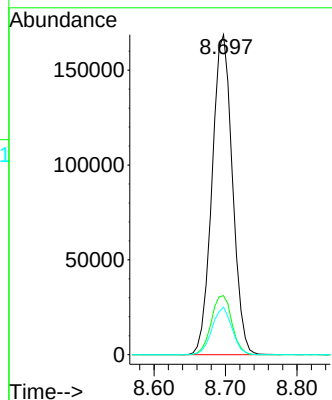
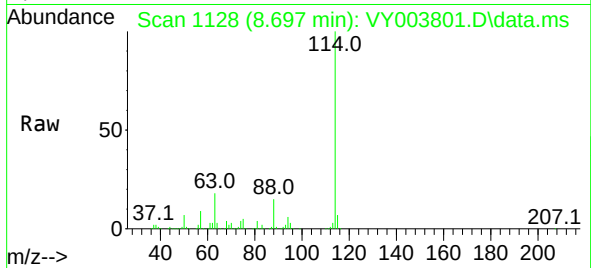




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY003801.D
Acq: 16 Dec 2020 13:52

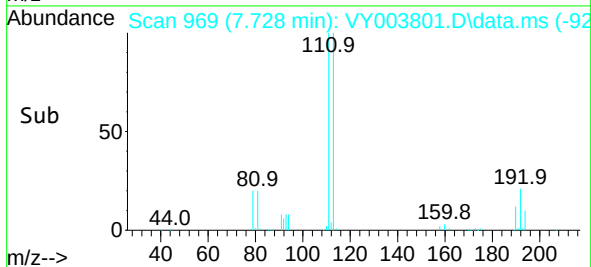
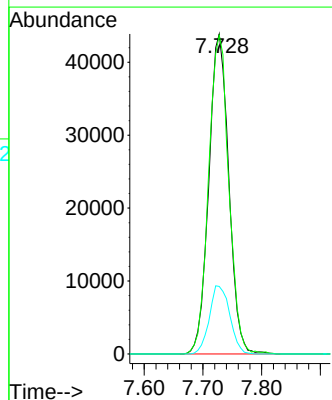
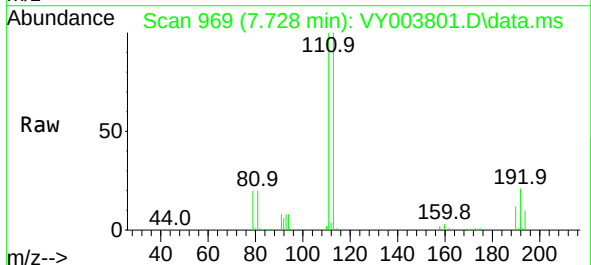
Instrument :
MSVOA_Y
ClientSampleId :

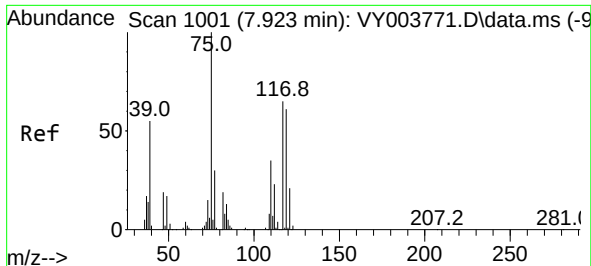
Tgt Ion:114 Resp: 333705
Ion Ratio Lower Upper
114 100
63 18.5 0.0 38.4
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 42.91 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY003801.D
Acq: 16 Dec 2020 13:52

Tgt Ion:113 Resp: 103593
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.2
192 21.8 16.7 25.1

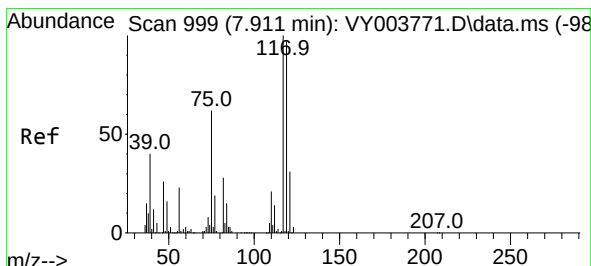
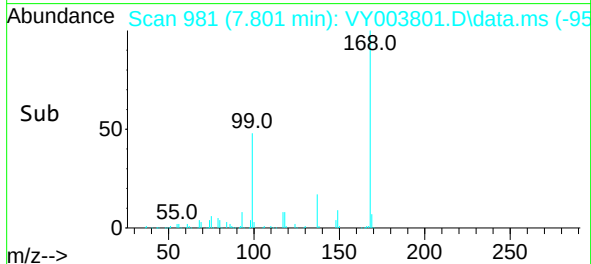
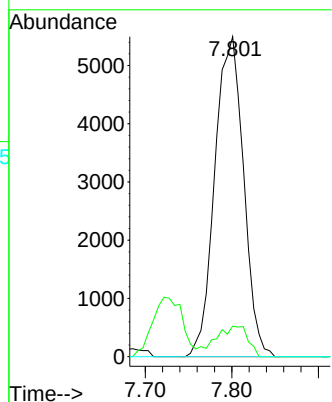
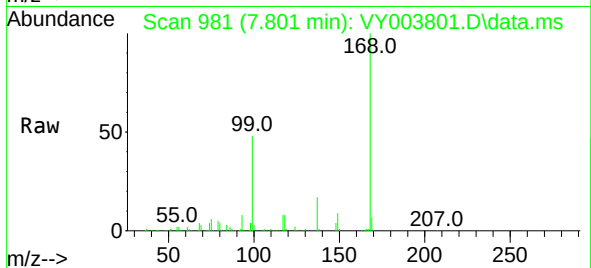




#36
 1,1-Dichloropropene
 Concen: 3.38 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.122 min
 Lab File: VY003801.D
 Acq: 16 Dec 2020 13:52

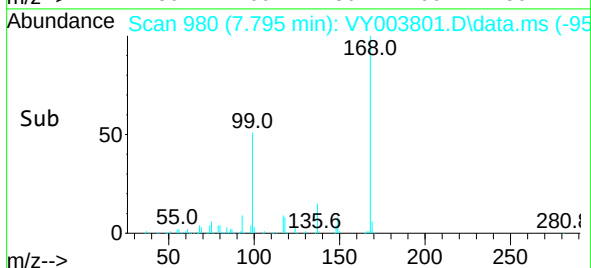
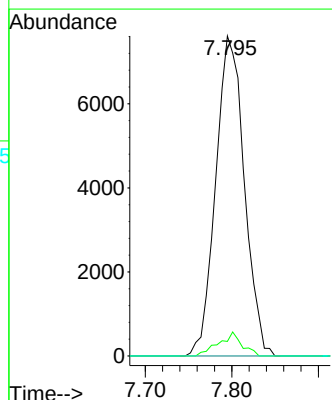
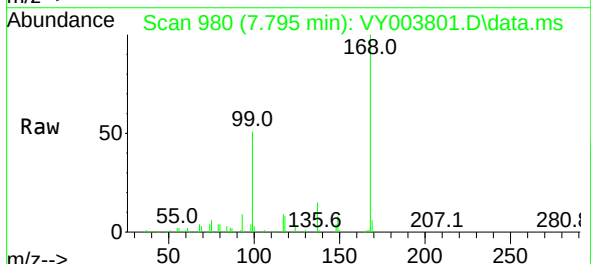
Instrument :
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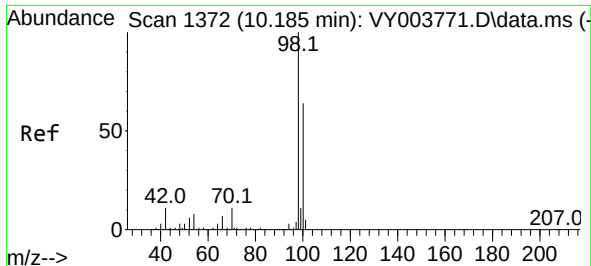
Tgt Ion: 75 Resp: 12673
 Ion Ratio Lower Upper
 75 100
 110 9.9 18.1 54.1#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 4.66 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY003801.D
 Acq: 16 Dec 2020 13:52

Tgt Ion: 117 Resp: 17472
 Ion Ratio Lower Upper
 117 100
 119 4.6 77.2 115.8#
 121 0.0 25.0 37.4#

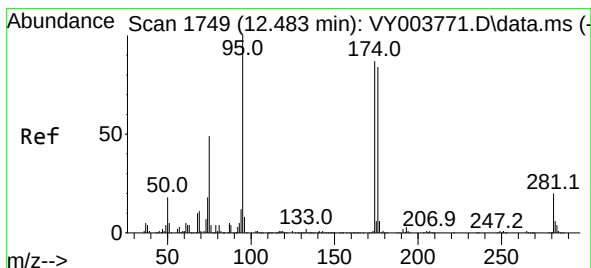
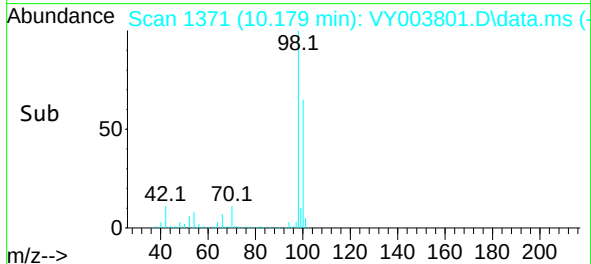
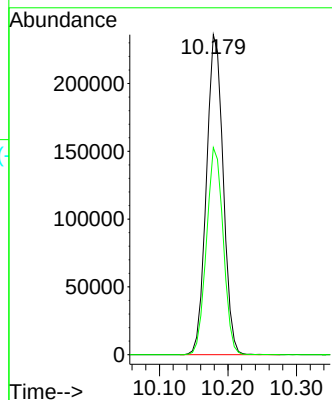
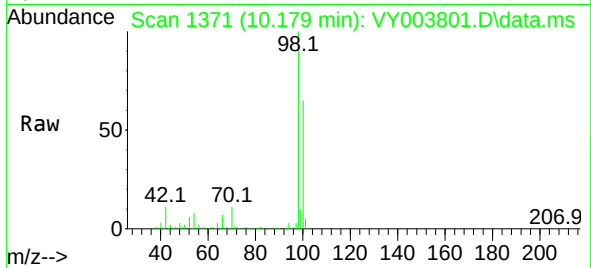




#50
Toluene-d8
Concen: 41.98 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY003801.D
Acq: 16 Dec 2020 13:52

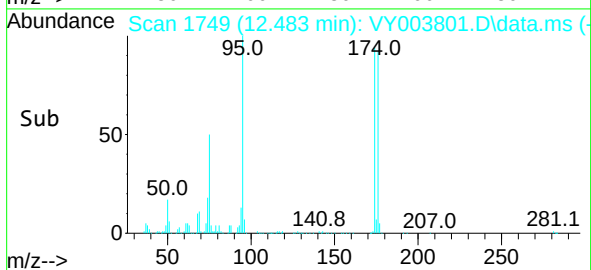
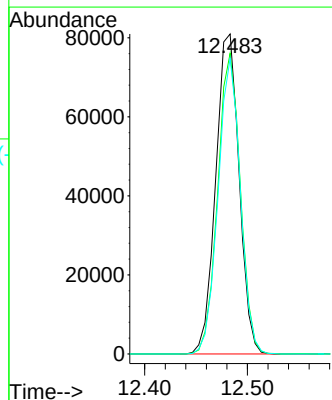
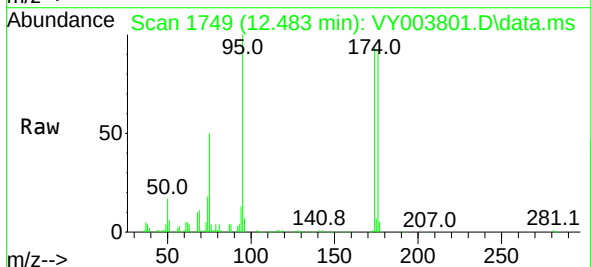
Instrument :
MSVOA_Y
ClientSampled :

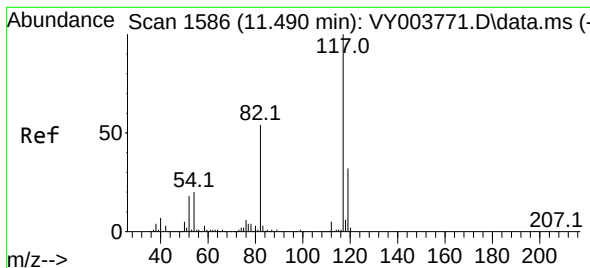
Tgt Ion: 98 Resp: 401201
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 38.89 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY003801.D
Acq: 16 Dec 2020 13:52

Tgt Ion: 95 Resp: 127689
Ion Ratio Lower Upper
95 100
174 90.8 0.0 170.8
176 88.0 0.0 165.0

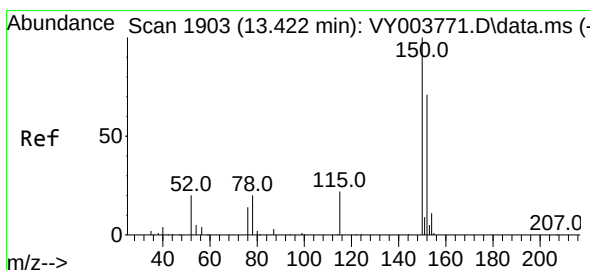
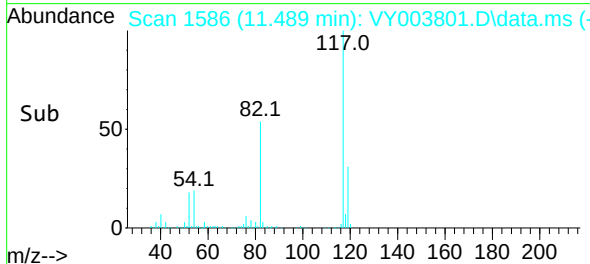
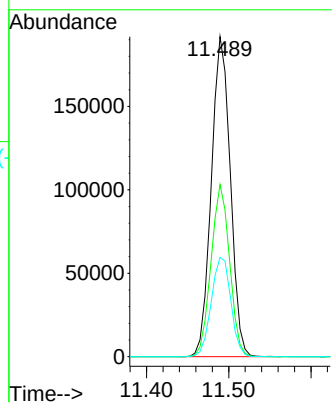
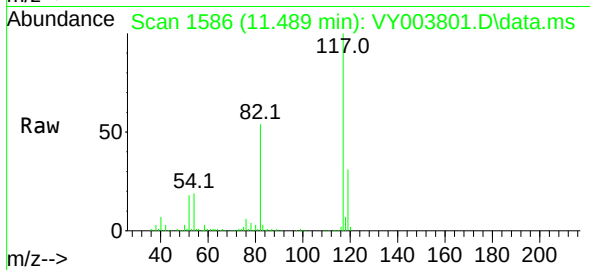




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY003801.D
Acq: 16 Dec 2020 13:52

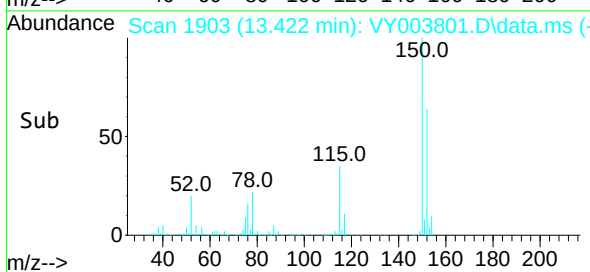
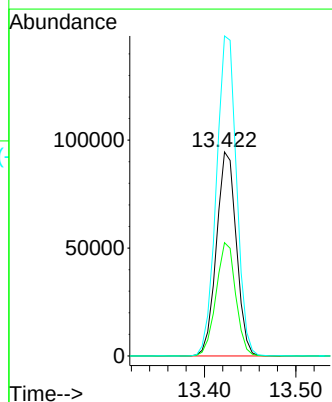
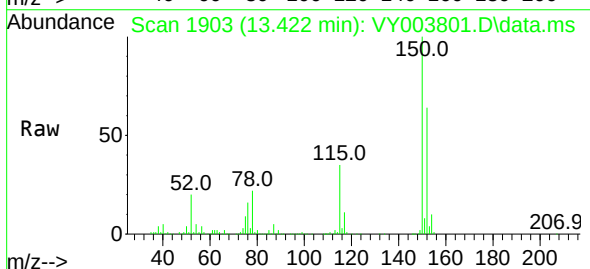
Instrument :
MSVOA_Y
ClientSampleId :

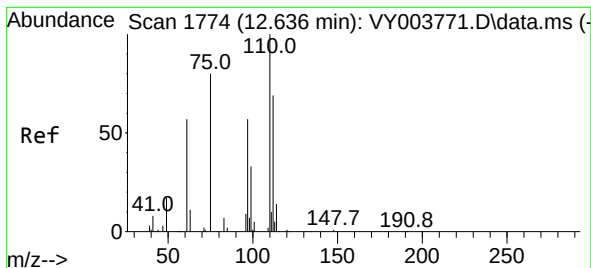
Tgt Ion:117 Resp: 307341
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.6
119 31.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY003801.D
Acq: 16 Dec 2020 13:52

Tgt Ion:152 Resp: 142982
Ion Ratio Lower Upper
152 100
115 55.0 28.0 83.9
150 159.0 0.0 347.6

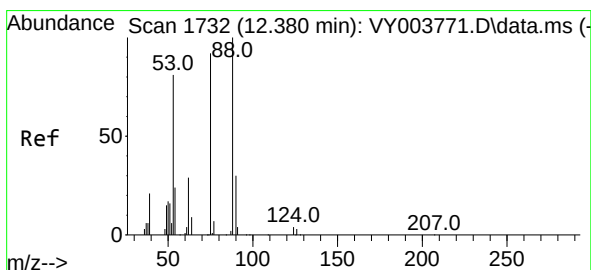
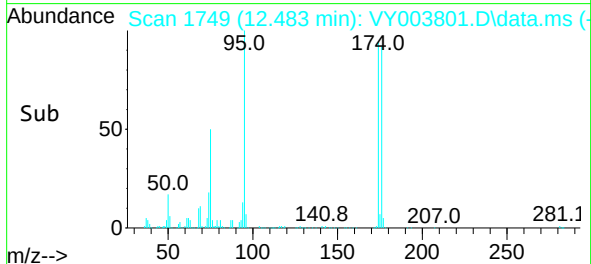
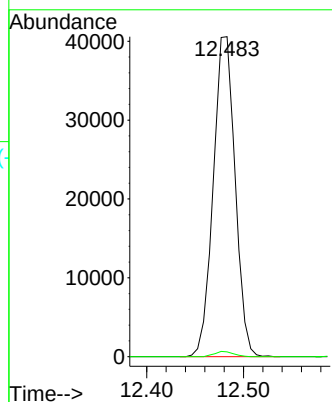
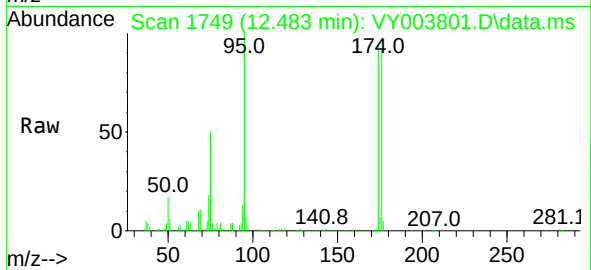




#76
1,2,3-Trichloropropane
Concen: 37.68 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY003801.D
Acq: 16 Dec 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 63816
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.35 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY003801.D
Acq: 16 Dec 2020 13:52

Tgt Ion: 75 Resp: 63816
Ion Ratio Lower Upper
75 100
53 0.0 70.4 105.6#
89 0.1 0.0 0.0#

