

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121520\
 Data File : VY003781.D
 Acq On : 15 Dec 2020 18:01
 Operator : SY/MD
 Sample : L5043-03
 Misc : 6.24G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 16 05:07:17 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)

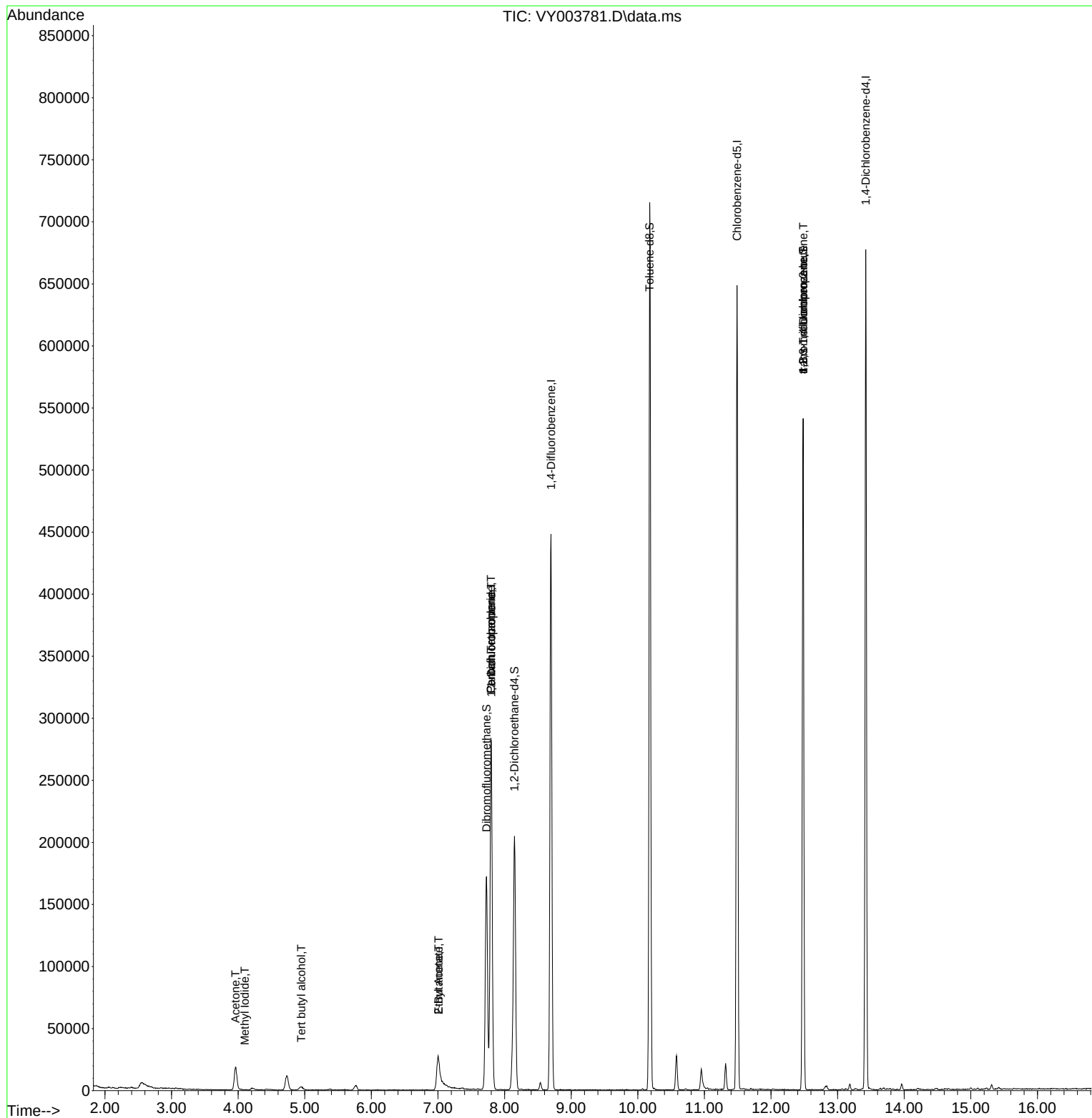
Internal Standards						
1) Pentafluorobenzene	7.795	168	228049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	385954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	352916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169822	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	148004	52.33	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.66%
35) Dibromofluoromethane	7.728	113	121108	43.38	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.76%
50) Toluene-d8	10.179	98	459621	41.58	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.16%
62) 4-Bromofluorobenzene	12.483	95	155898	41.05	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.10%
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	91	Below Cal	#	34
10) Methyl Iodide	4.101	142	133	3.78	ug/l #	66
11) Tert butyl alcohol	4.948	59	3463	12.19	ug/l #	79
16) Acetone	3.960	43	32771	50.38	ug/l	98
20) Methylene Chloride	4.729	84	8629	Below Cal		91
25) 2-Butanone	7.009	43	5677	5.40	ug/l	97
36) 1,1-Dichloropropene	7.801	75	17391	4.01	ug/l #	49
37) Ethyl Acetate	7.009	43	5677	2.16	ug/l #	75
38) Carbon Tetrachloride	7.795	117	20988	4.84	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	81322	40.42	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81322	76.55	ug/l #	6

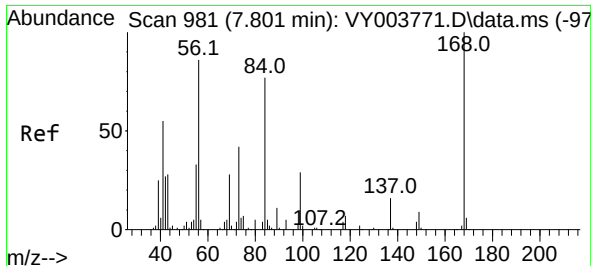
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 16 05:07:17 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

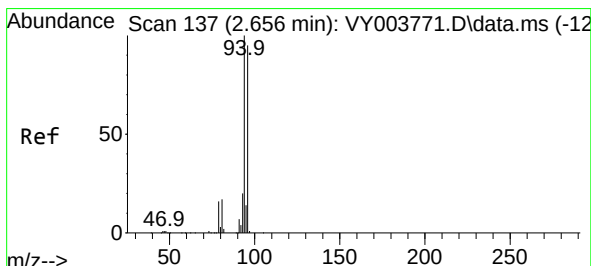
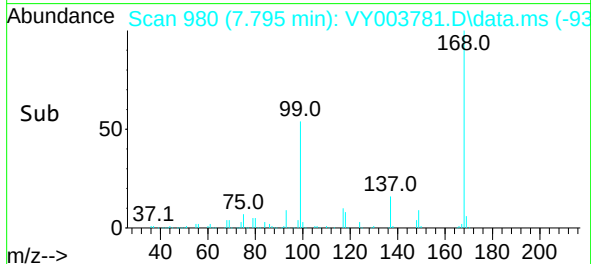
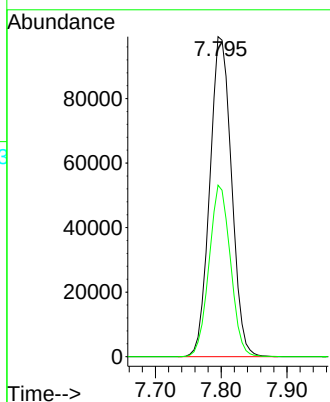
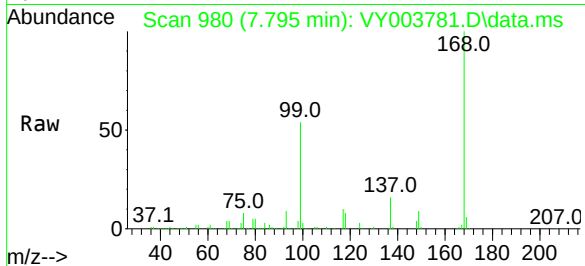




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY003781.D
Acq: 15 Dec 2020 18:01

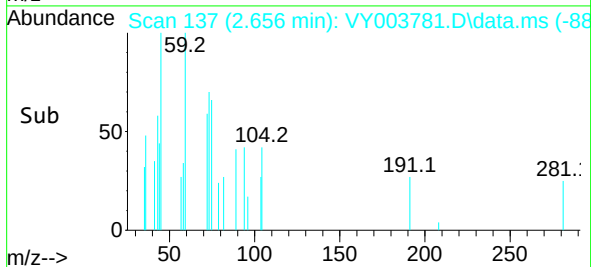
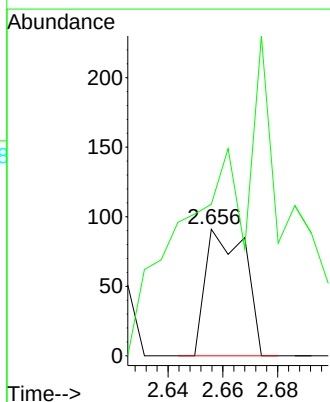
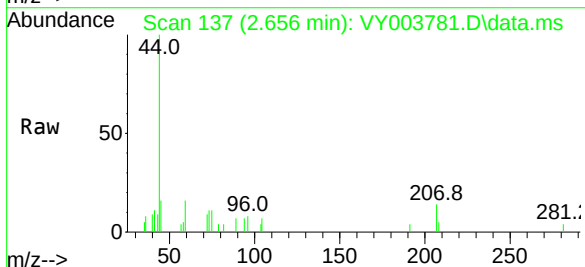
Instrument :
MSVOA_Y
ClientSampleId :

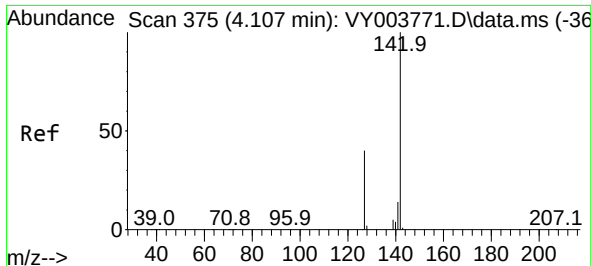
Tgt Ion:168 Resp: 228049
Ion Ratio Lower Upper
168 100
99 53.6 41.9 62.9



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY003781.D
Acq: 15 Dec 2020 18:01

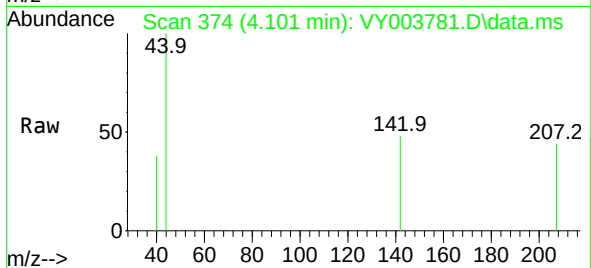
Tgt Ion: 94 Resp: 91
Ion Ratio Lower Upper
94 100
96 30.8 75.9 113.9#



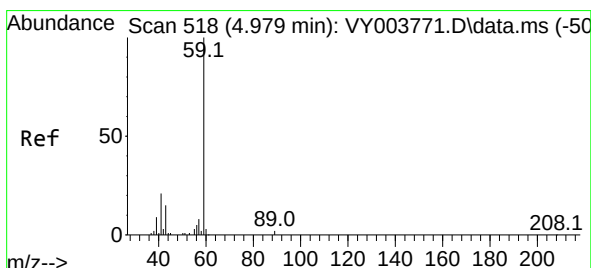
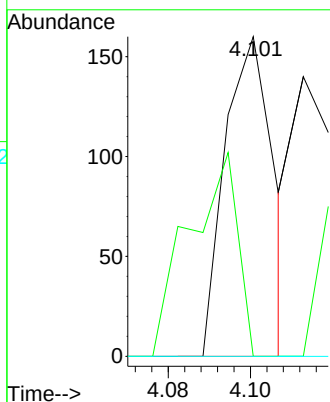
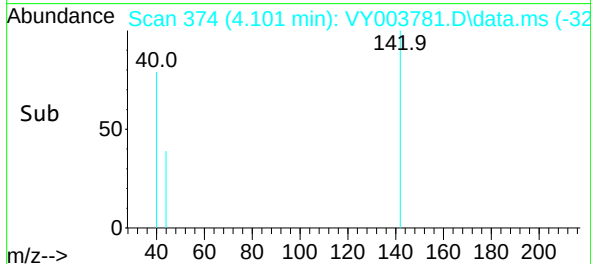


#10
Methyl Iodide
Concen: 3.78 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY003781.D
Acq: 15 Dec 2020 18:01

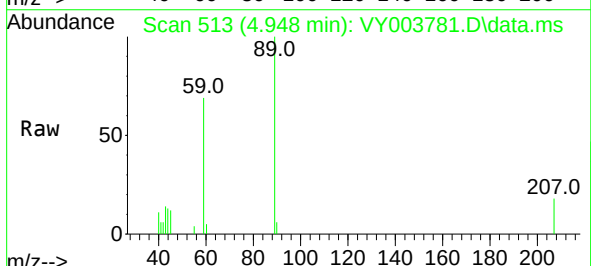
Instrument :
MSVOA_Y
ClientSampled :



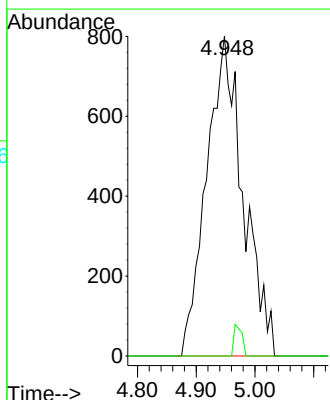
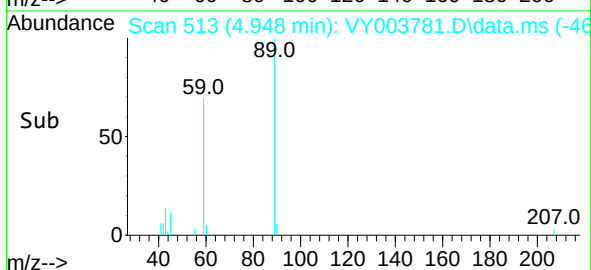
Tgt Ion:142 Resp: 133
Ion Ratio Lower Upper
142 100
127 63.2 33.7 50.5#
141 0.0 11.4 17.2#

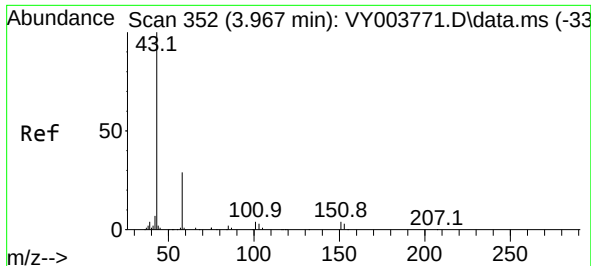


#11
Tert butyl alcohol
Concen: 12.19 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.030 min
Lab File: VY003781.D
Acq: 15 Dec 2020 18:01



Tgt Ion: 59 Resp: 3463
Ion Ratio Lower Upper
59 100
57 2.1 8.0 12.0#

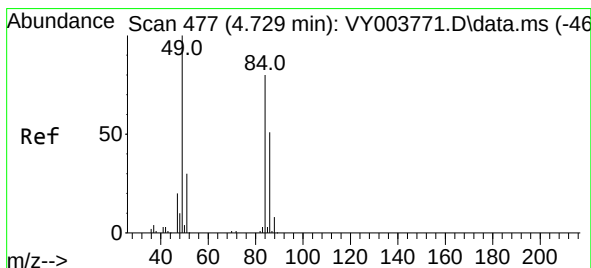
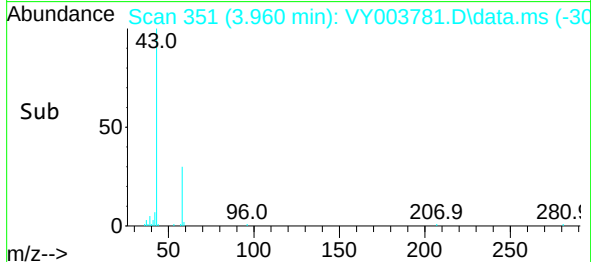
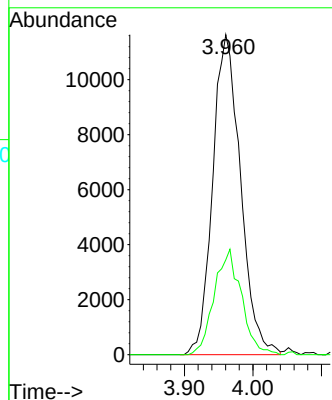
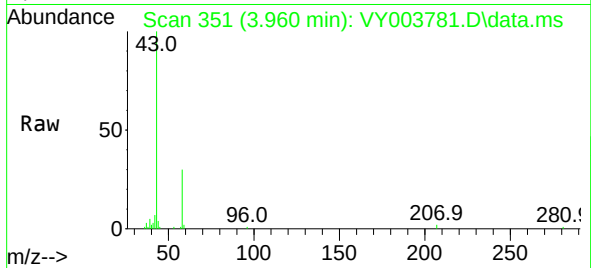




#16
Acetone
Concen: 50.38 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY003781.D
Acq: 15 Dec 2020 18:01

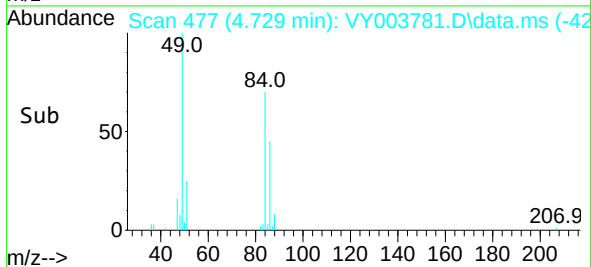
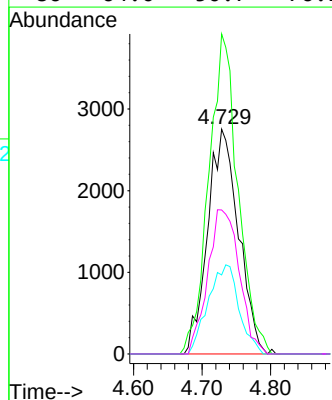
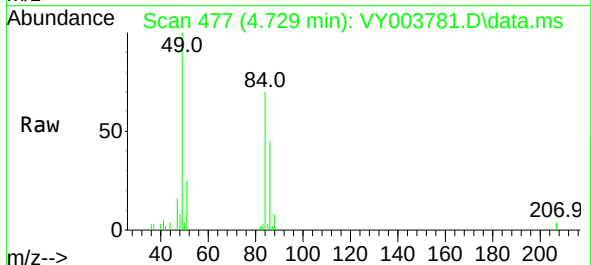
Instrument :
MSVOA_Y
ClientSampleId :

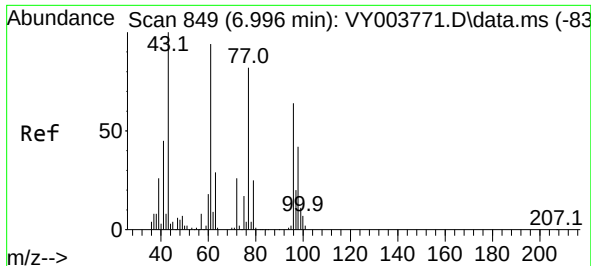
Tgt Ion: 43 Resp: 32771
Ion Ratio Lower Upper
43 100
58 29.6 22.9 34.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY003781.D
Acq: 15 Dec 2020 18:01

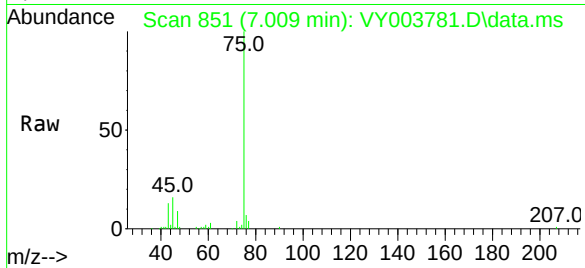
Tgt Ion: 84 Resp: 8629
Ion Ratio Lower Upper
84 100
49 142.3 100.4 150.6
51 35.1 30.3 45.5
86 64.0 50.7 76.1



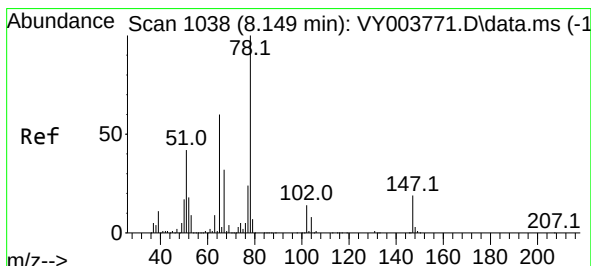
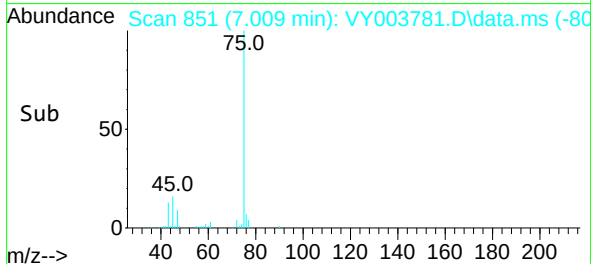
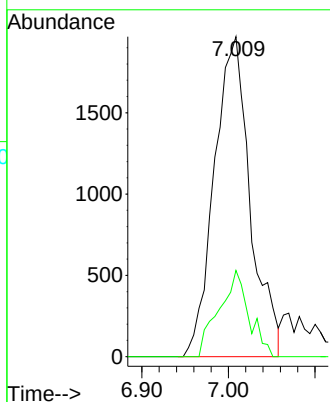


#25
2-Butanone
Concen: 5.40 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY003781.D
Acq: 15 Dec 2020 18:01

Instrument :
MSVOA_Y
ClientSampled :

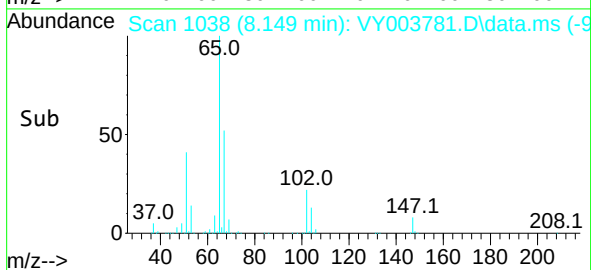
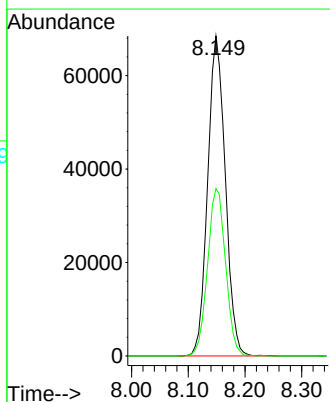
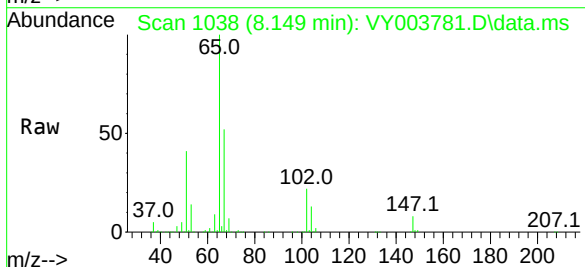


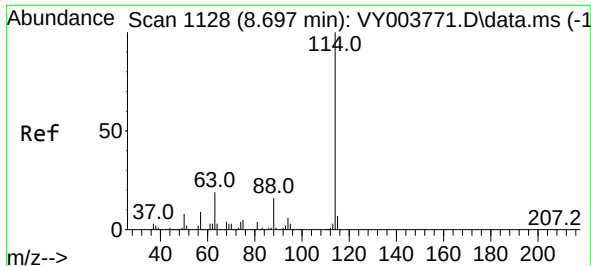
Tgt Ion: 43 Resp: 5677
Ion Ratio Lower Upper
43 100
72 26.9 20.5 30.7



#33
1,2-Dichloroethane-d4
Concen: 52.33 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY003781.D
Acq: 15 Dec 2020 18:01

Tgt Ion: 65 Resp: 148004
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.6

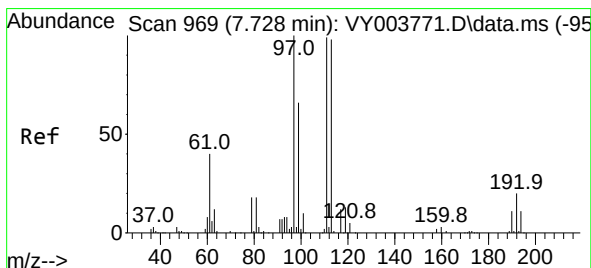
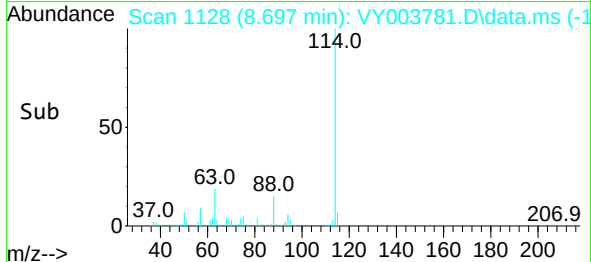
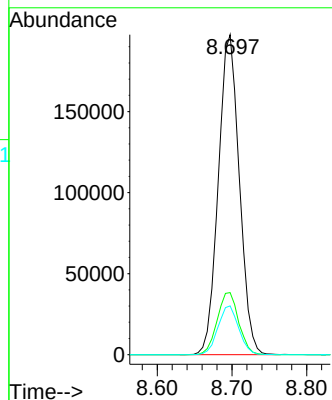
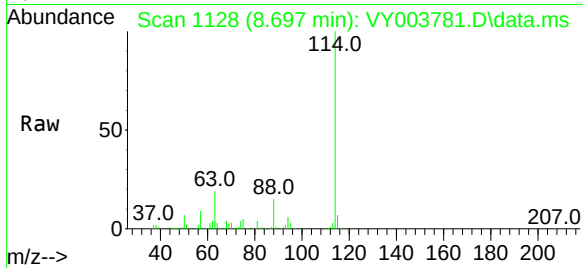




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY003781.D
Acq: 15 Dec 2020 18:01

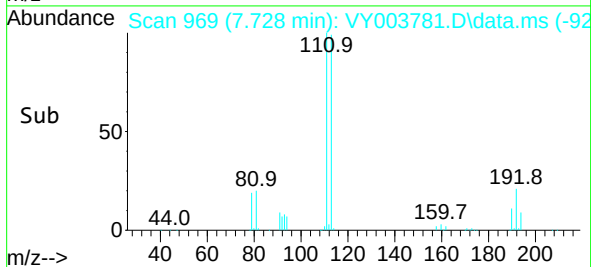
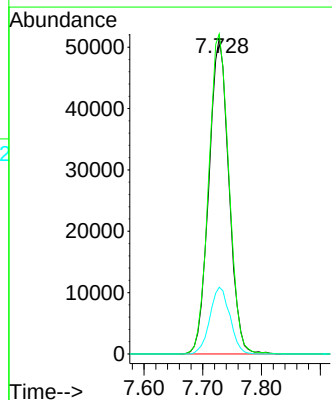
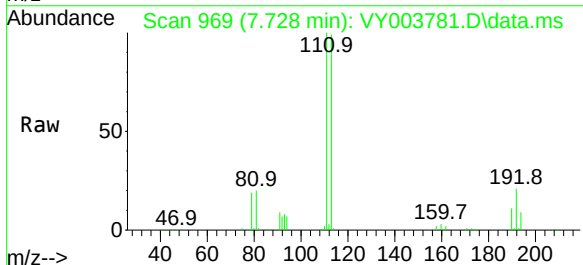
Instrument :
MSVOA_Y
ClientSampleId :

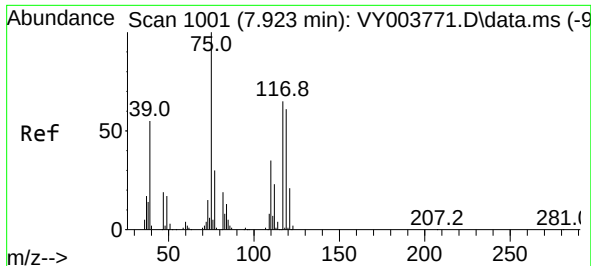
Tgt Ion:114 Resp: 385954
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.4
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 43.38 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY003781.D
Acq: 15 Dec 2020 18:01

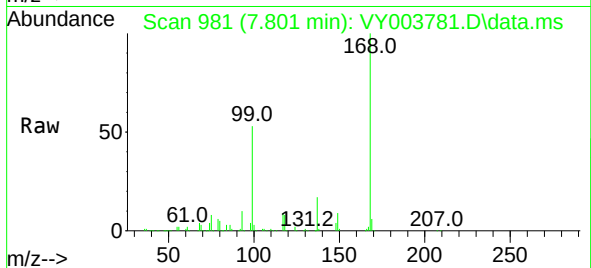
Tgt Ion:113 Resp: 121108
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 21.2 16.7 25.1



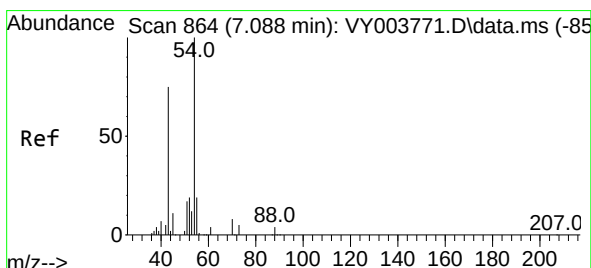
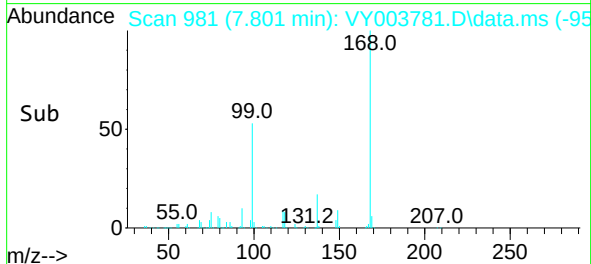
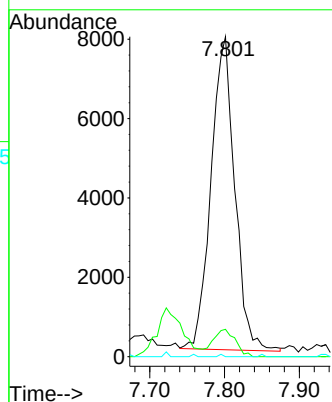


#36
1,1-Dichloropropene
Concen: 4.01 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY003781.D
Acq: 15 Dec 2020 18:01

Instrument :
MSVOA_Y
ClientSampleId :

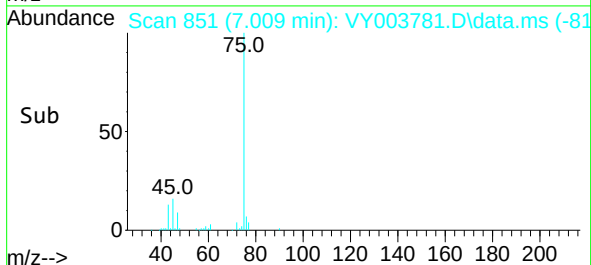
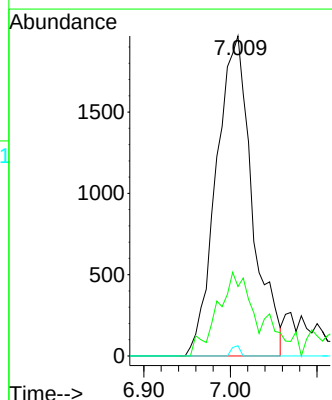
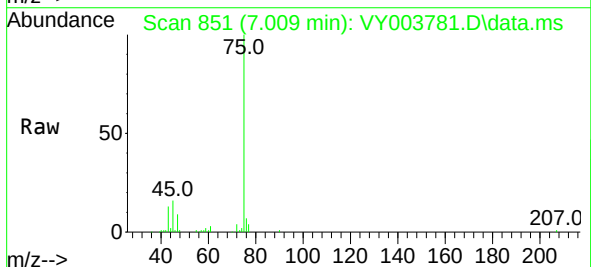


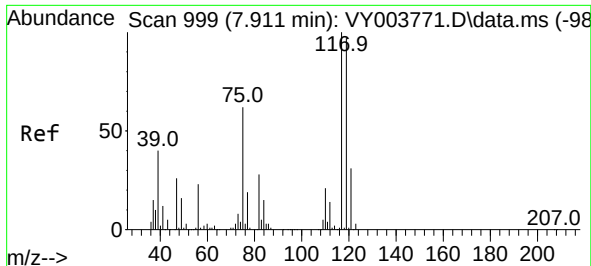
Tgt Ion: 75 Resp: 17391
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.1#
77 0.1 24.6 36.8#



#37
Ethyl Acetate
Concen: 2.16 ug/l
RT: 7.009 min Scan# 851
Delta R.T. -0.079 min
Lab File: VY003781.D
Acq: 15 Dec 2020 18:01

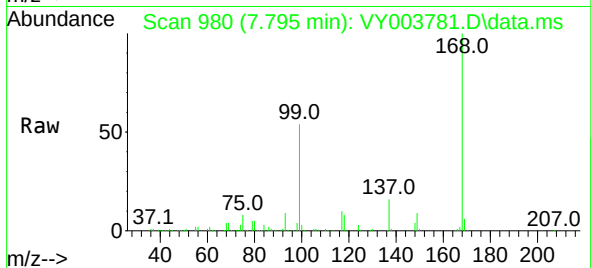
Tgt Ion: 43 Resp: 5677
Ion Ratio Lower Upper
43 100
61 23.8 11.0 16.4#
70 0.7 8.1 12.1#



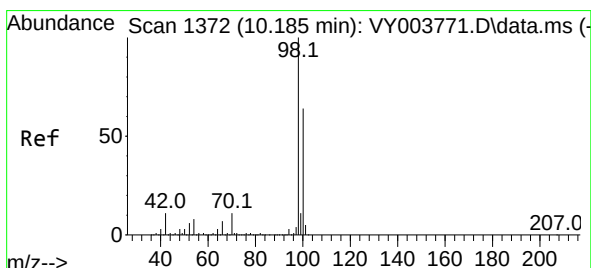
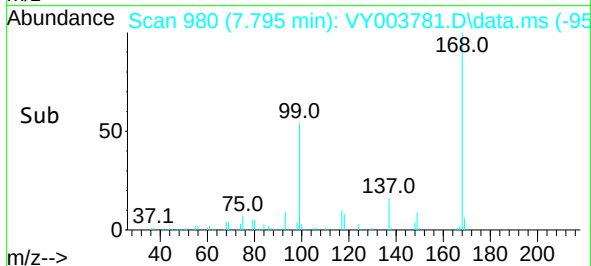
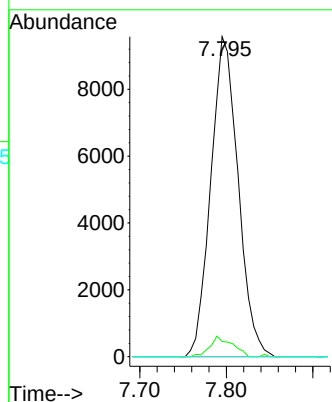


#38
Carbon Tetrachloride
Concen: 4.84 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY003781.D
Acq: 15 Dec 2020 18:01

Instrument :
MSVOA_Y
ClientSampleId :

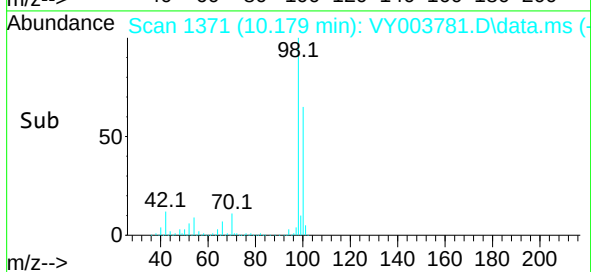
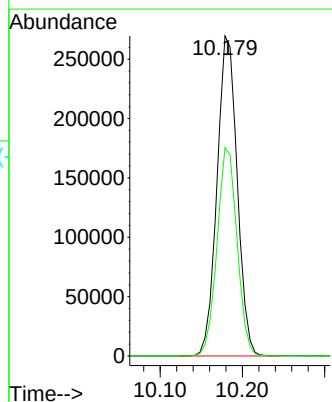
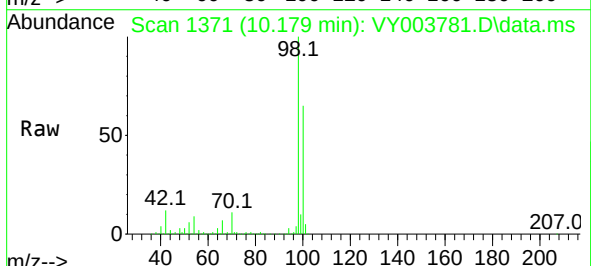


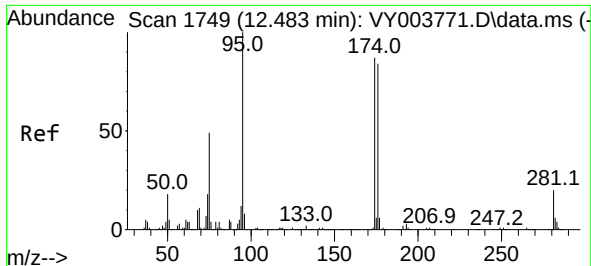
Tgt Ion:117 Resp: 20988
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 41.58 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY003781.D
Acq: 15 Dec 2020 18:01

Tgt Ion: 98 Resp: 459621
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4

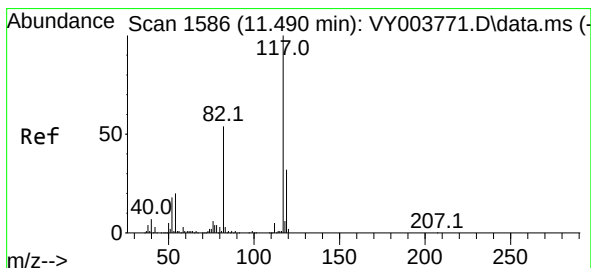
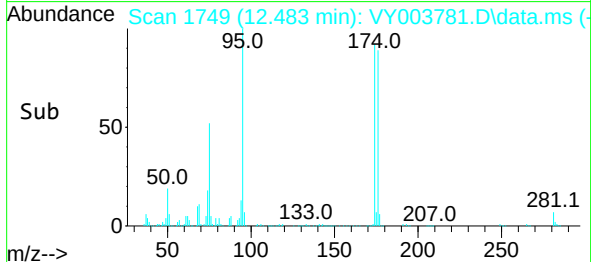
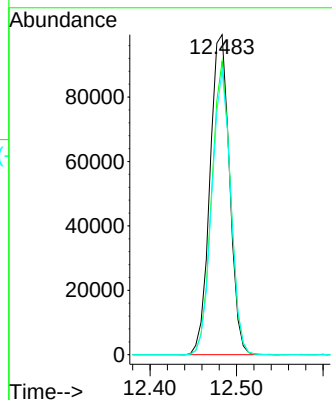
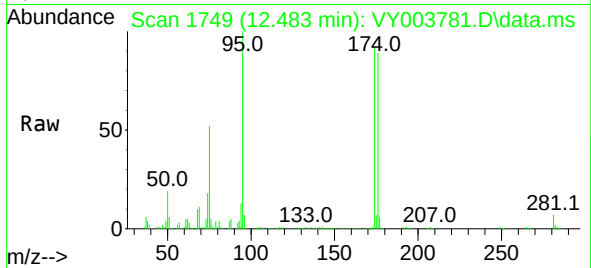




#62
4-Bromofluorobenzene
Concen: 41.05 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003781.D
Acq: 15 Dec 2020 18:01

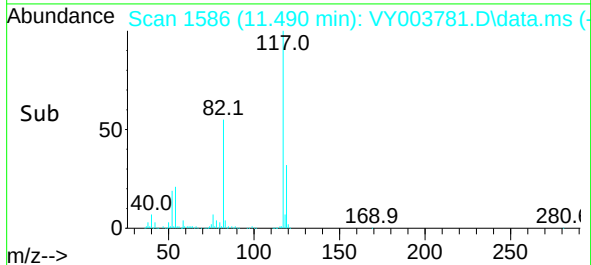
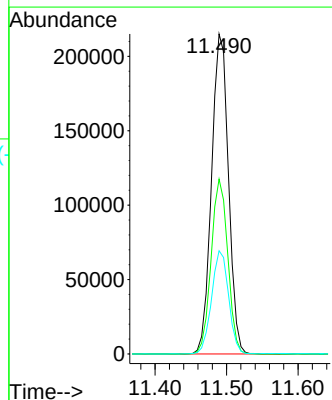
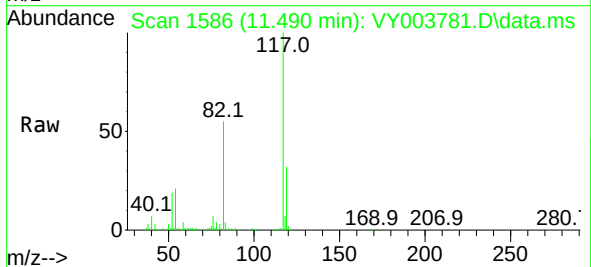
Instrument :
MSVOA_Y
ClientSampleId :

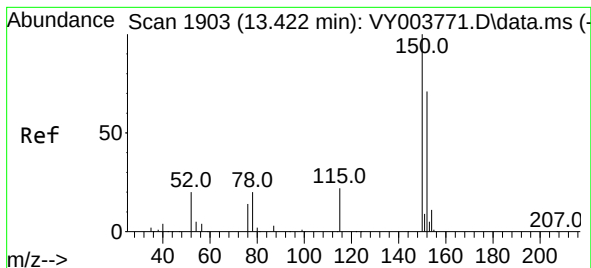
Tgt Ion: 95 Resp: 155898
Ion Ratio Lower Upper
95 100
174 88.2 0.0 170.8
176 85.7 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003781.D
Acq: 15 Dec 2020 18:01

Tgt Ion: 117 Resp: 352916
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.6
119 32.3 25.7 38.5

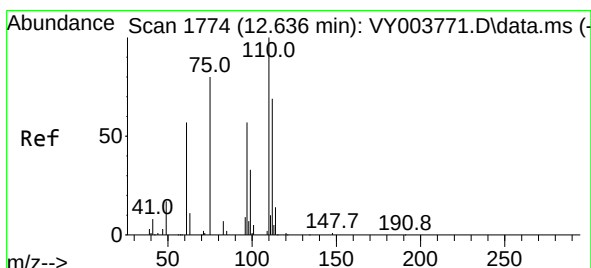
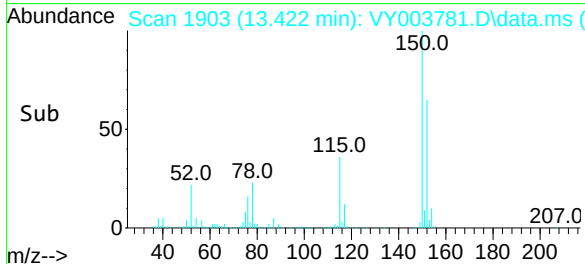
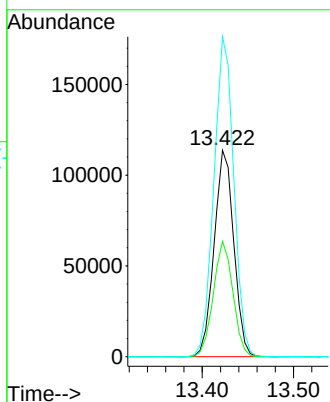
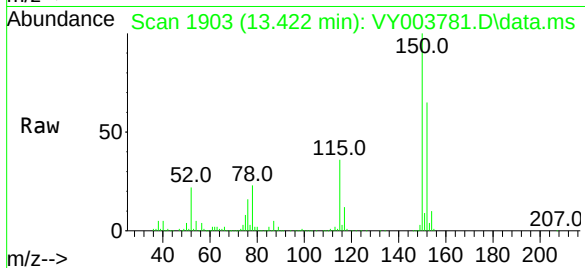




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY003781.D
 Acq: 15 Dec 2020 18:01

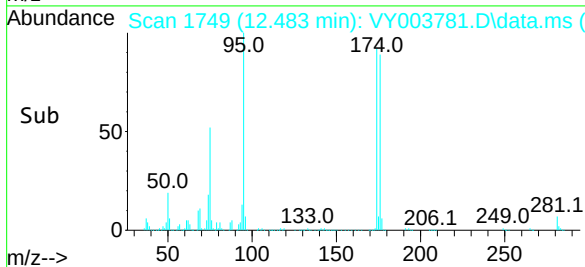
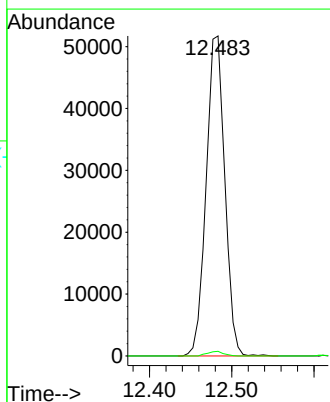
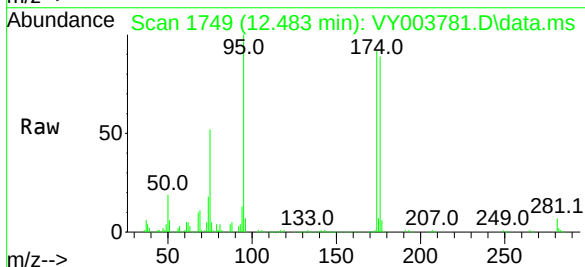
Instrument :
 MSVOA_Y
 ClientSampleId :

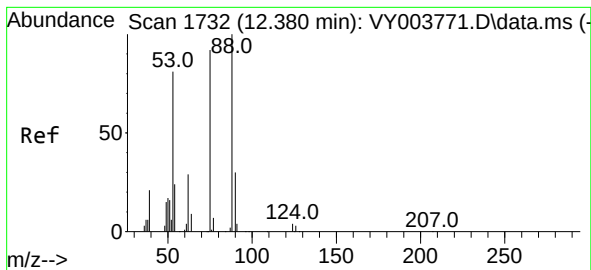
Tgt Ion:152 Resp: 169822
 Ion Ratio Lower Upper
 152 100
 115 55.5 28.0 83.9
 150 157.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.42 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY003781.D
 Acq: 15 Dec 2020 18:01

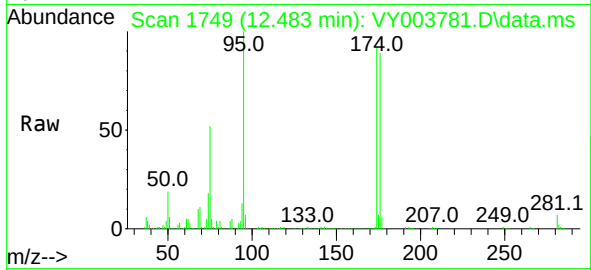
Tgt Ion: 75 Resp: 81322
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.55 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY003781.D
 Acq: 15 Dec 2020 18:01

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 81322
 Ion Ratio Lower Upper
 75 100
 53 0.1 70.4 105.6#
 89 0.1 0.0 0.0#

