

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051221\
 Data File : VY004754.D
 Acq On : 12 May 2021 13:32
 Operator : SY/MD
 Sample : M2354-01RE
 Misc : 5.96G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 13 00:56:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

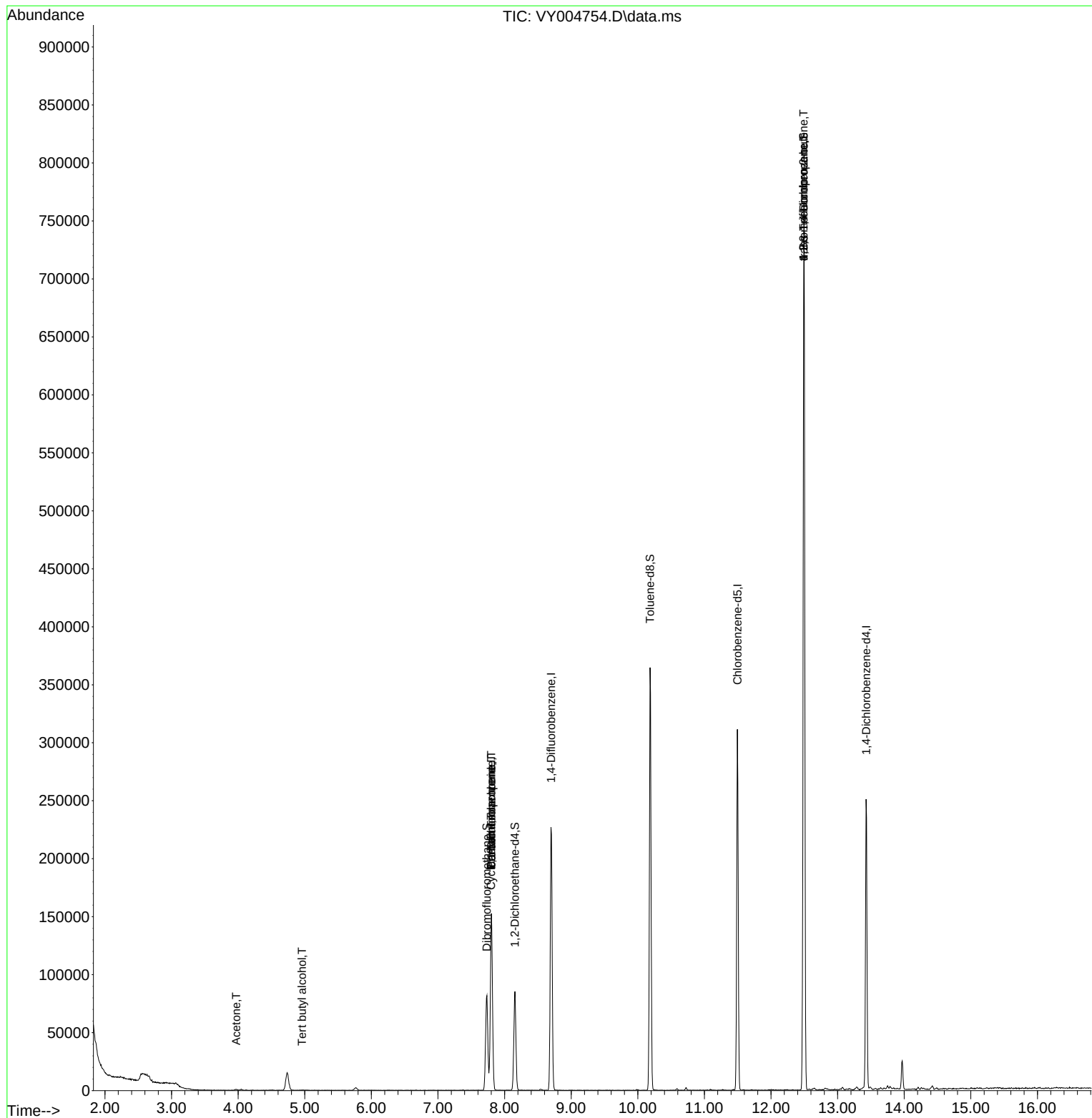
Internal Standards						
1) Pentafluorobenzene	7.801	168	111954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	186497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	155025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	63850	47.91	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.82%
35) Dibromofluoromethane	7.734	113	56176	55.02	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.04%
50) Toluene-d8	10.185	98	225071	48.80	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.60%
62) 4-Bromofluorobenzene	12.489	95	64196	41.24	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.48%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	273	2.04	ug/l #	71
16) Acetone	3.972	43	1443	4.82	ug/l #	73
20) Methylene Chloride	4.728	84	10571	Below Cal		91
31) Cyclohexane	7.795	56	2906	1.35	ug/l #	26
36) 1,1-Dichloropropene	7.801	75	9445	4.94	ug/l #	52
38) Carbon Tetrachloride	7.801	117	11314	6.59	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	41460	64.03	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	41460	111.03	ug/l #	15

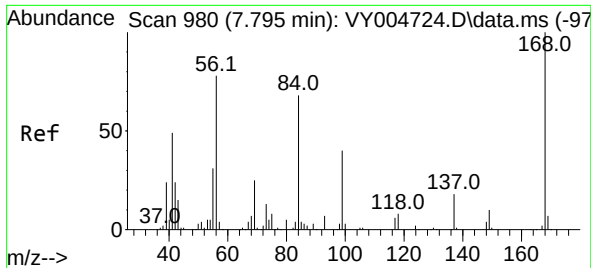
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration

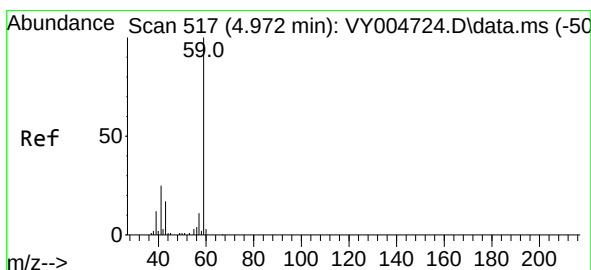
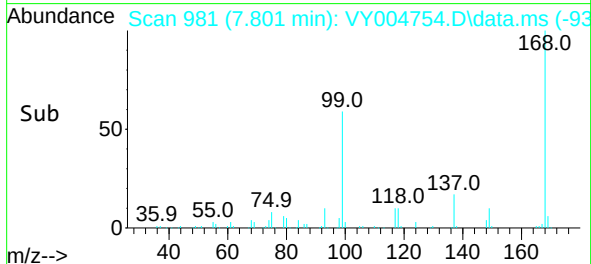
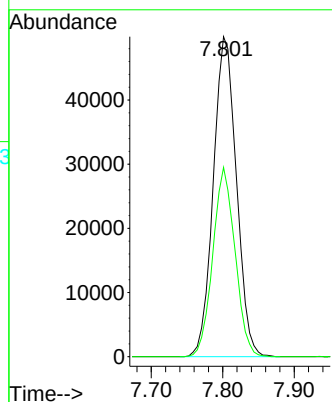
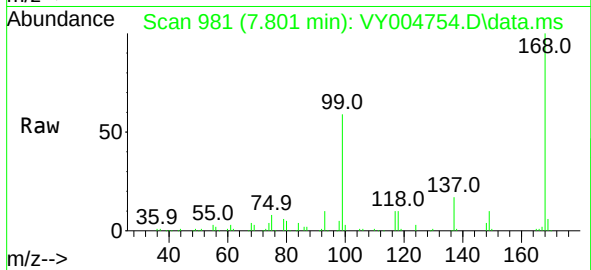




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004754.D
Acq: 12 May 2021 13:32

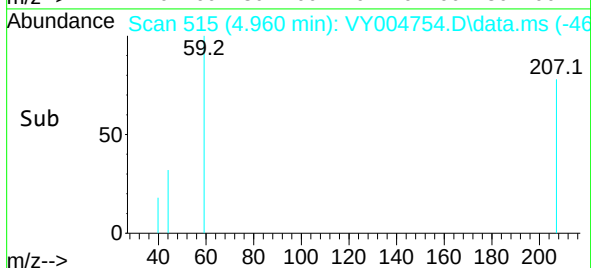
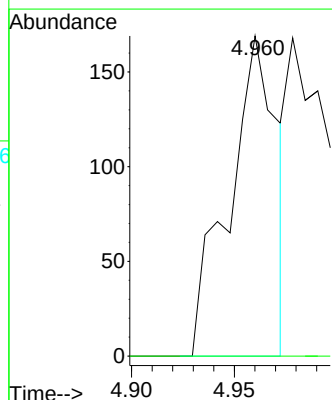
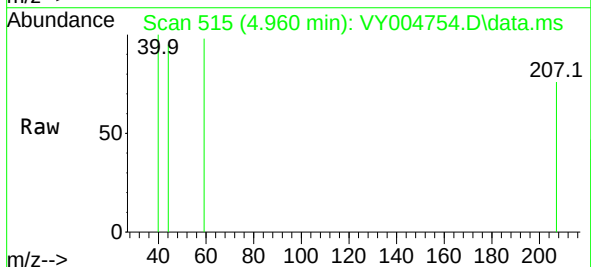
Instrument :
MSVOA_Y
ClientSampled :

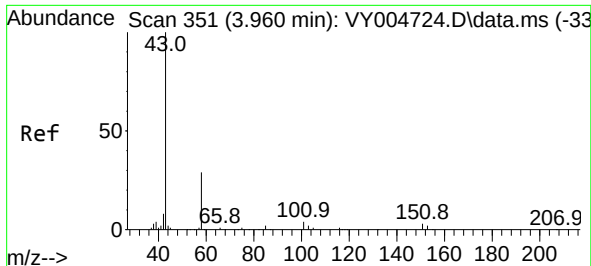
Tgt Ion:168 Resp: 111954
Ion Ratio Lower Upper
168 100
99 59.1 45.6 68.4



#11
Tert butyl alcohol
Concen: 2.04 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004754.D
Acq: 12 May 2021 13:32

Tgt Ion: 59 Resp: 273
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

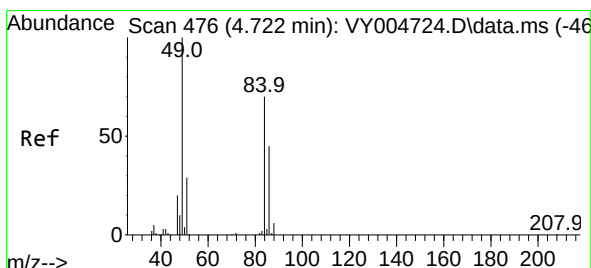
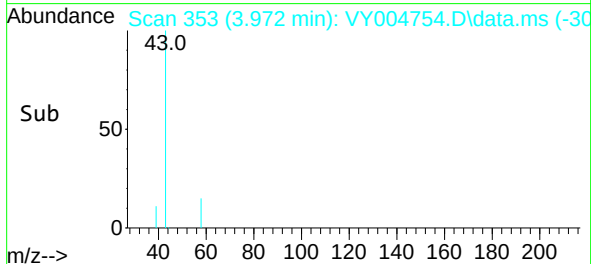
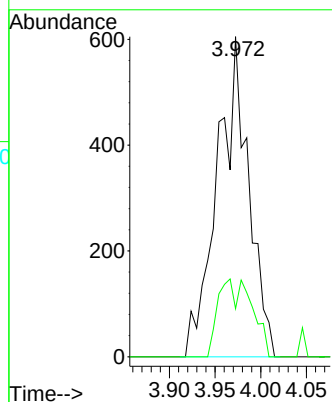
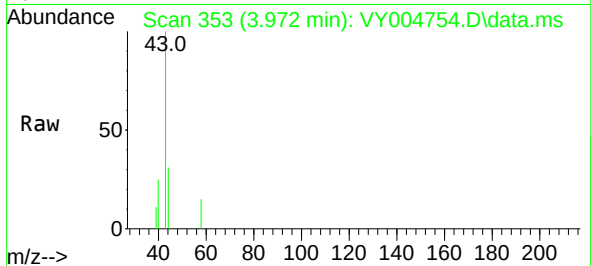




#16
Acetone
Concen: 4.82 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY004754.D
Acq: 12 May 2021 13:32

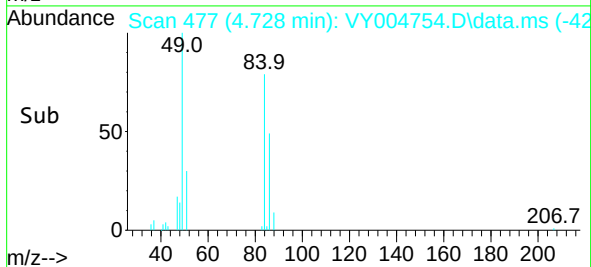
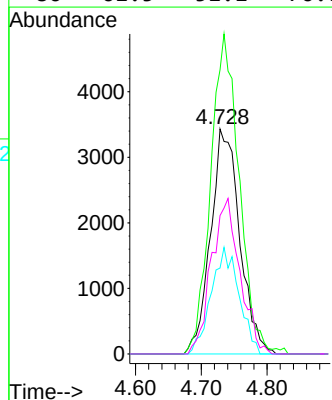
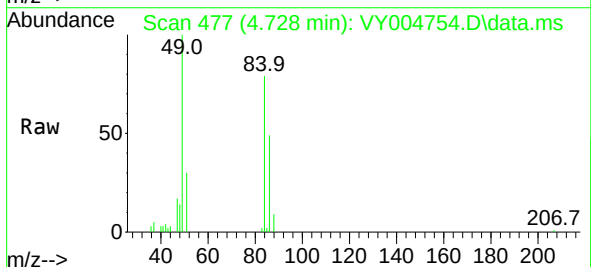
Instrument :
MSVOA_Y
ClientSampleId :

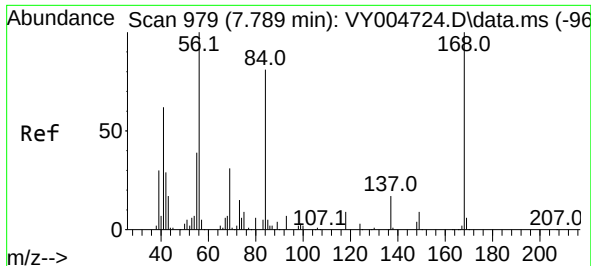
Tgt Ion: 43 Resp: 1443
Ion Ratio Lower Upper
43 100
58 15.0 23.6 35.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY004754.D
Acq: 12 May 2021 13:32

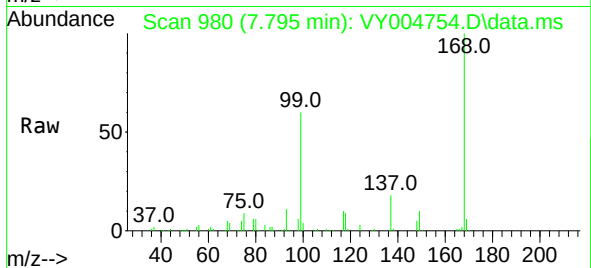
Tgt Ion: 84 Resp: 10571
Ion Ratio Lower Upper
84 100
49 126.3 113.8 170.8
51 38.2 33.5 50.3
86 61.5 51.1 76.7



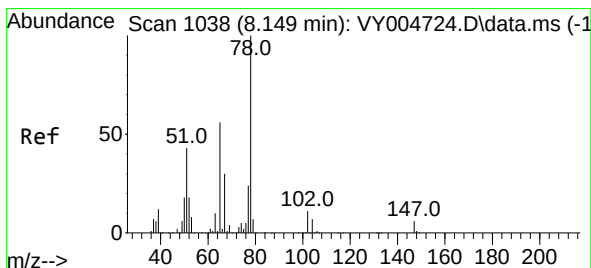
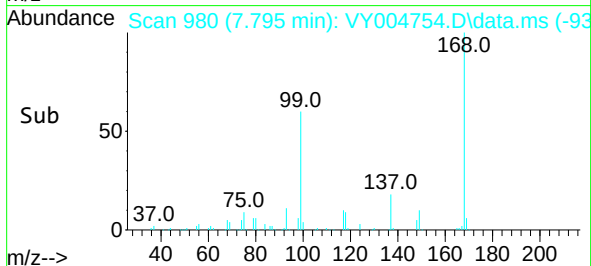
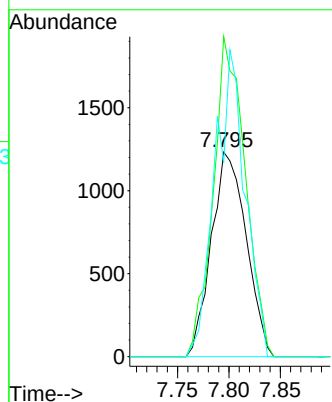


#31
Cyclohexane
Concen: 1.35 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004754.D
Acq: 12 May 2021 13:32

Instrument :
MSVOA_Y
ClientSampleId :

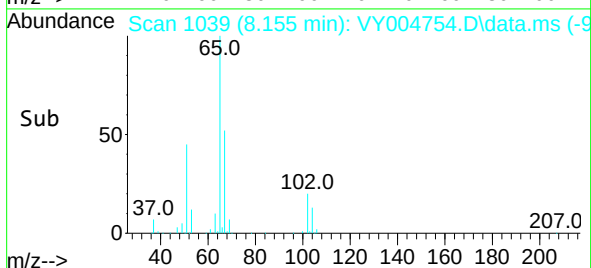
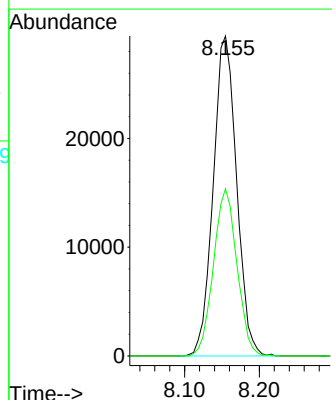
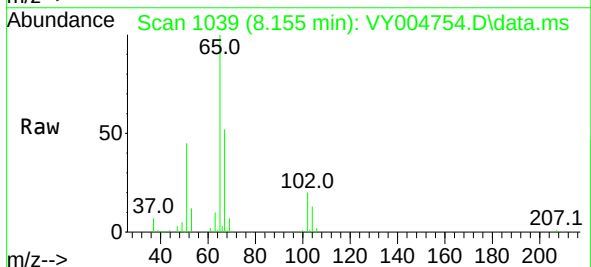


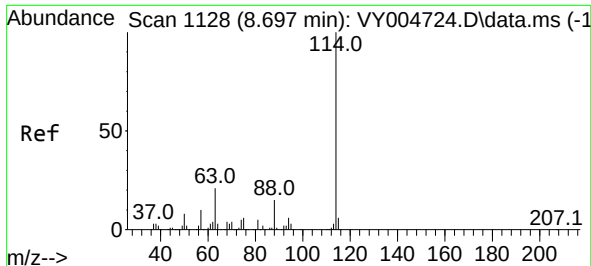
Tgt Ion: 56 Resp: 2906
Ion Ratio Lower Upper
56 100
69 156.4 24.4 36.6#
84 94.8 64.8 97.2



#33
1,2-Dichloroethane-d4
Concen: 47.91 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004754.D
Acq: 12 May 2021 13:32

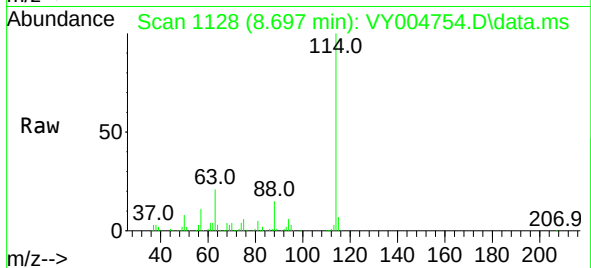
Tgt Ion: 65 Resp: 63850
Ion Ratio Lower Upper
65 100
67 52.5 0.0 108.0



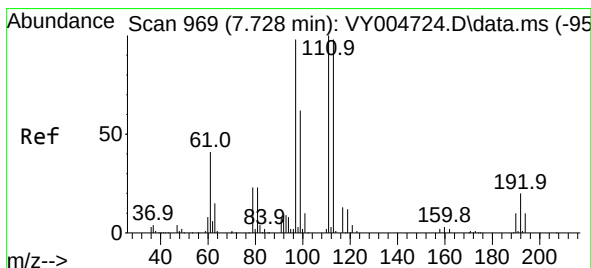
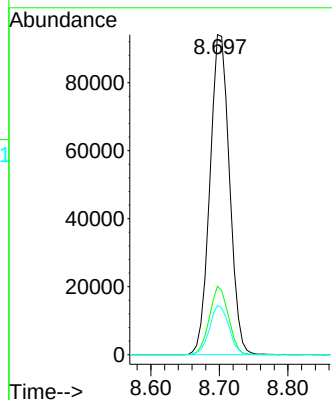
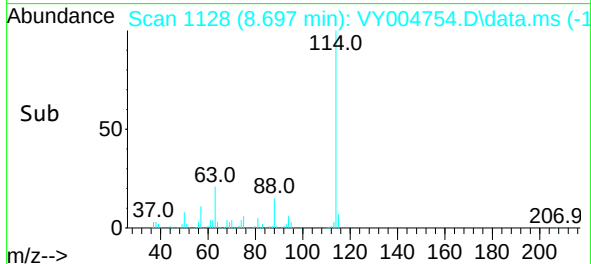


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004754.D
Acq: 12 May 2021 13:32

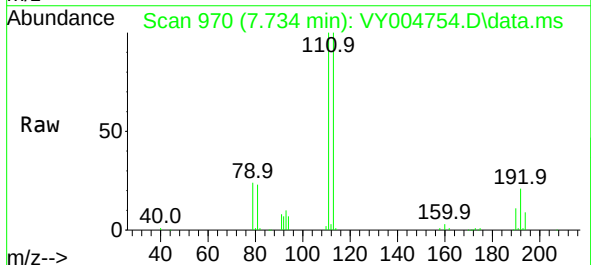
Instrument :
MSVOA_Y
ClientSampleId :



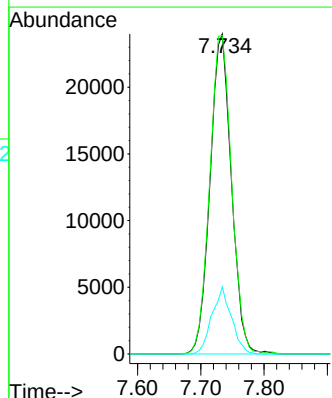
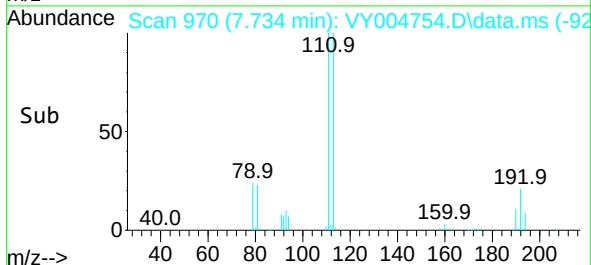
Tgt Ion:114 Resp: 186497
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.8
88 15.4 0.0 31.0

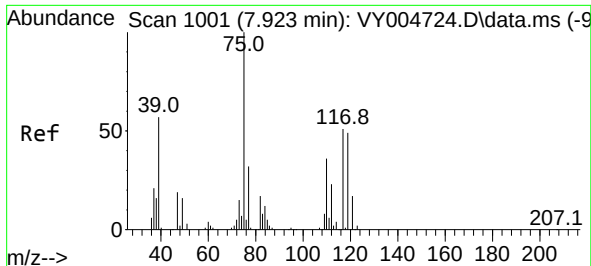


#35
Dibromofluoromethane
Concen: 55.02 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004754.D
Acq: 12 May 2021 13:32



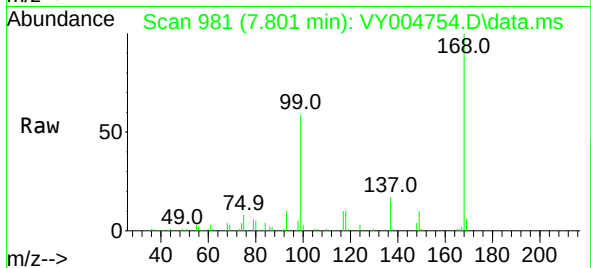
Tgt Ion:113 Resp: 56176
Ion Ratio Lower Upper
113 100
111 102.2 80.5 120.7
192 19.1 15.0 22.6



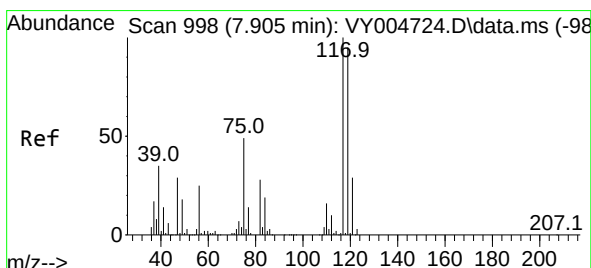
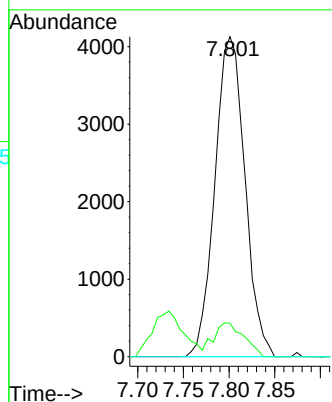
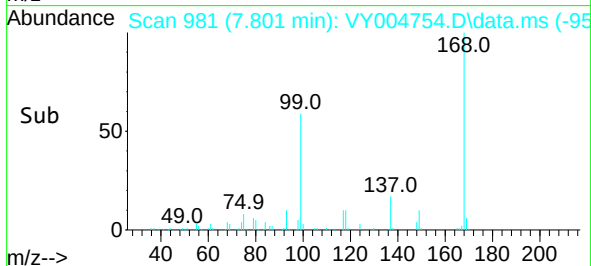


#36
1,1-Dichloropropene
Concen: 4.94 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY004754.D
Acq: 12 May 2021 13:32

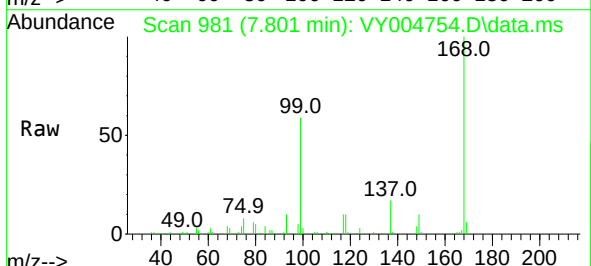
Instrument :
MSVOA_Y
ClientSampleId :



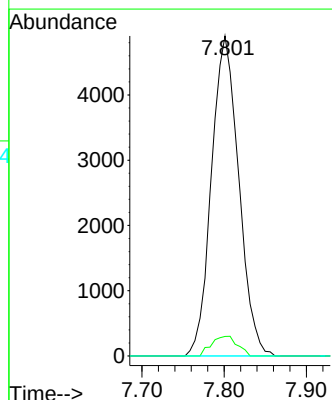
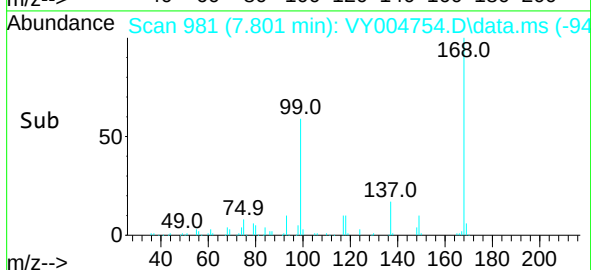
Tgt Ion: 75 Resp: 9445
Ion Ratio Lower Upper
75 100
110 10.7 17.0 50.9#
77 0.0 25.0 37.4#

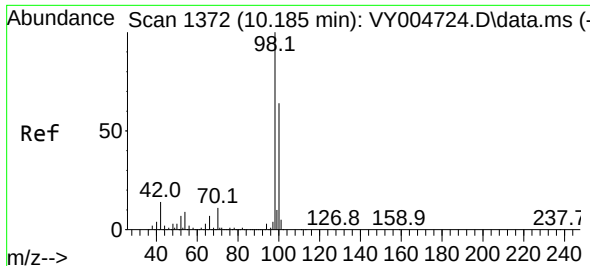


#38
Carbon Tetrachloride
Concen: 6.59 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY004754.D
Acq: 12 May 2021 13:32



Tgt Ion: 117 Resp: 11314
Ion Ratio Lower Upper
117 100
119 6.1 76.3 114.5#
121 0.0 23.0 34.6#

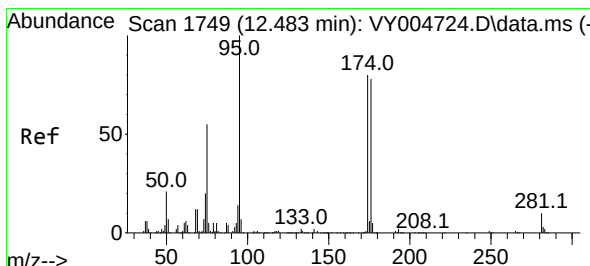
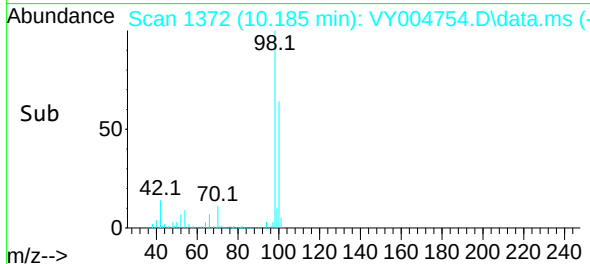
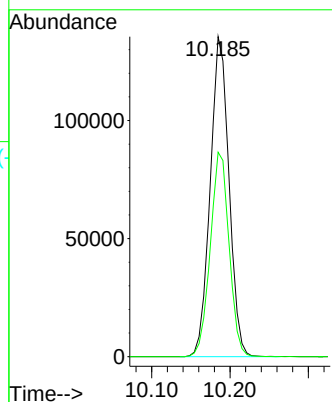
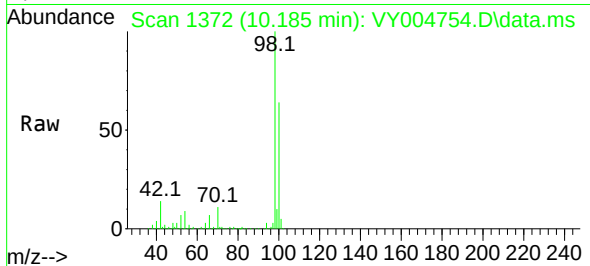




#50
Toluene-d8
Concen: 48.80 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004754.D
Acq: 12 May 2021 13:32

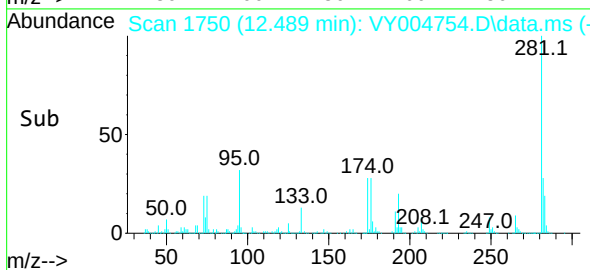
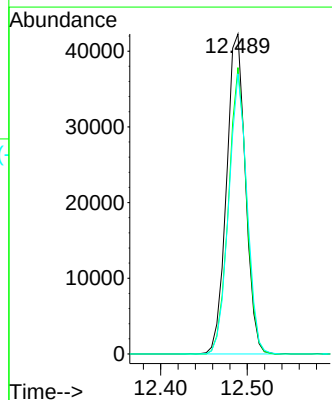
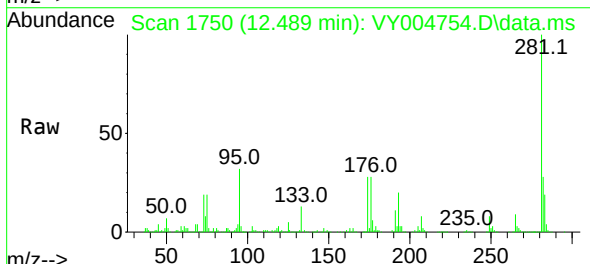
Instrument :
MSVOA_Y
ClientSampleId :

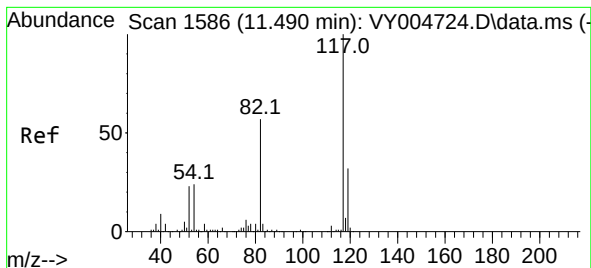
Tgt Ion: 98 Resp: 225071
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 41.24 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004754.D
Acq: 12 May 2021 13:32

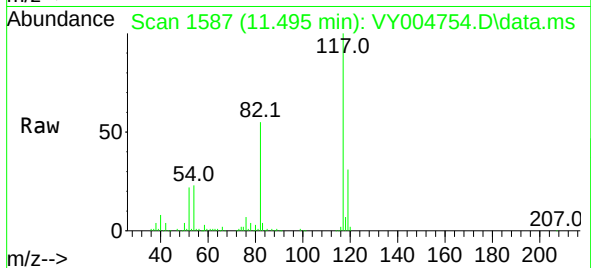
Tgt Ion: 95 Resp: 64196
Ion Ratio Lower Upper
95 100
174 85.2 0.0 164.2
176 84.7 0.0 159.0



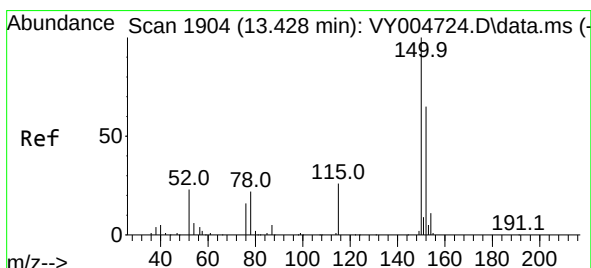
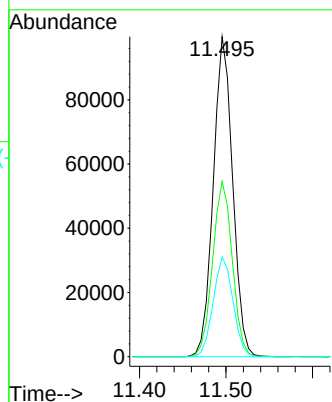
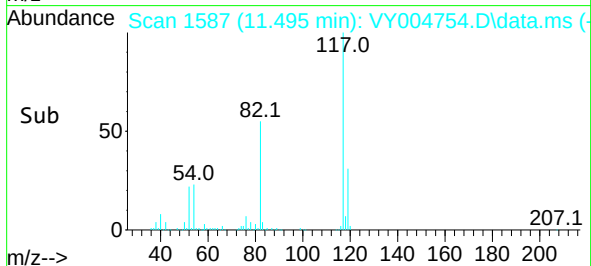


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004754.D
Acq: 12 May 2021 13:32

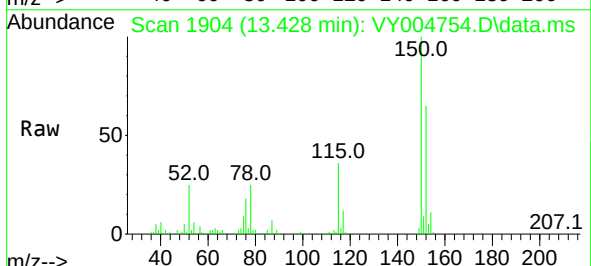
Instrument :
MSVOA_Y
ClientSampleId :



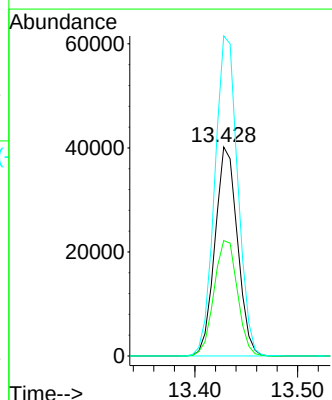
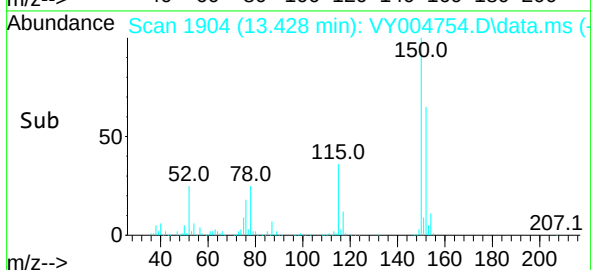
Tgt Ion:117 Resp: 155025
Ion Ratio Lower Upper
117 100
82 54.8 45.4 68.2
119 31.1 25.8 38.6

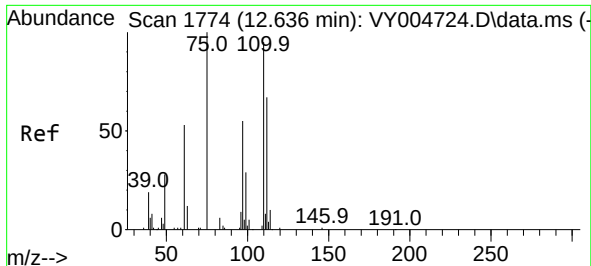


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004754.D
Acq: 12 May 2021 13:32



Tgt Ion:152 Resp: 60960
Ion Ratio Lower Upper
152 100
115 57.5 29.4 88.3
150 156.4 0.0 349.8

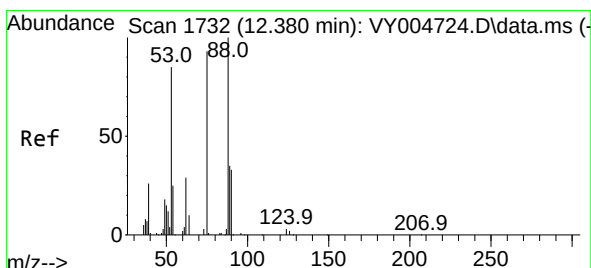
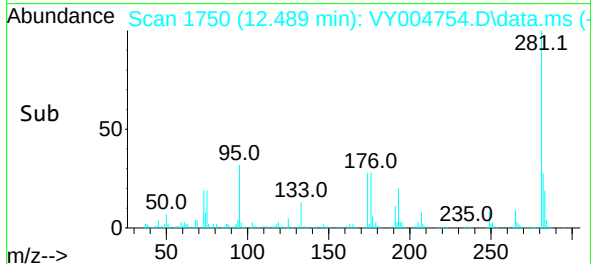
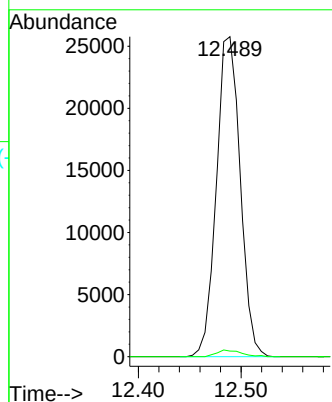
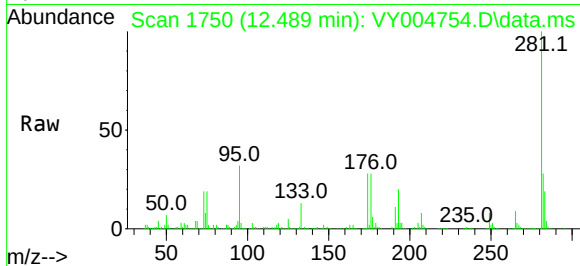




#76
1,2,3-Trichloropropane
Concen: 64.03 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY004754.D
Acq: 12 May 2021 13:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 41460
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.03 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY004754.D
Acq: 12 May 2021 13:32

Tgt Ion: 75 Resp: 41460
Ion Ratio Lower Upper
75 100
53 0.1 73.9 110.9#
89 4.5 35.5 53.3#

