

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
 Data File : VY008351.D
 Acq On : 15 Apr 2022 15:15
 Operator : KP/MD
 Sample : N2390-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-1-041422

Quant Time: Apr 16 04:58:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

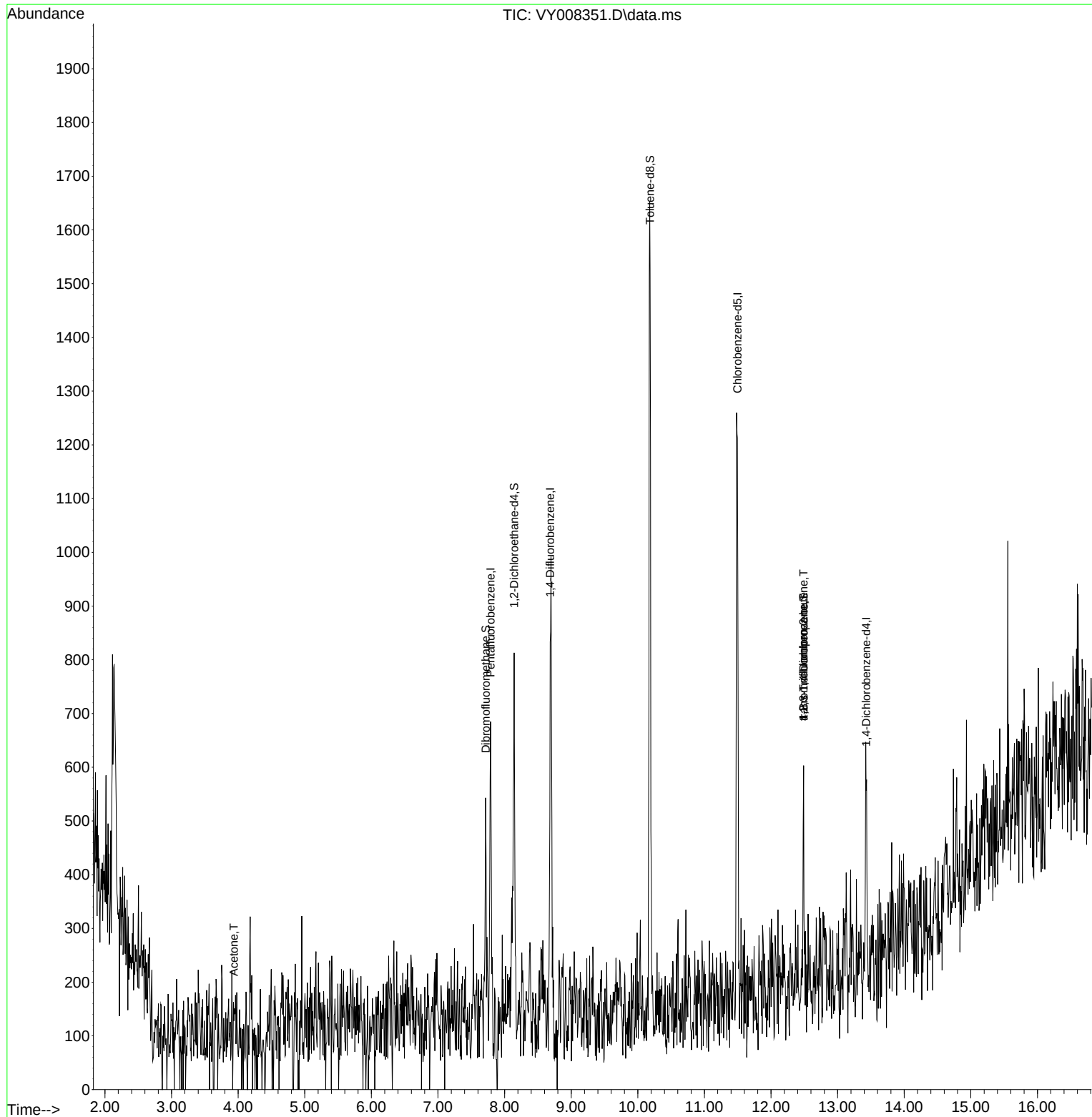
Internal Standards						
1) Pentafluorobenzene	7.789	168	564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	1159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	814	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	504	95.134	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 190.260%#	
35) Dibromofluoromethane	7.716	113	260	38.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 77.680%	
50) Toluene-d8	10.185	98	1198	52.300	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.600%	
62) 4-Bromofluorobenzene	12.489	95	113	13.116	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 26.240%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	45	35.315	ug/l #	47
76) 1,2,3-Trichloropropane	12.489	75	49	30.346	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	49	67.898	ug/l #	7

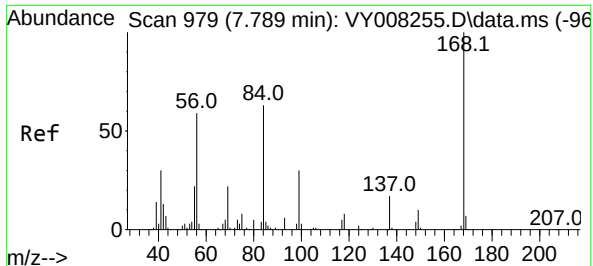
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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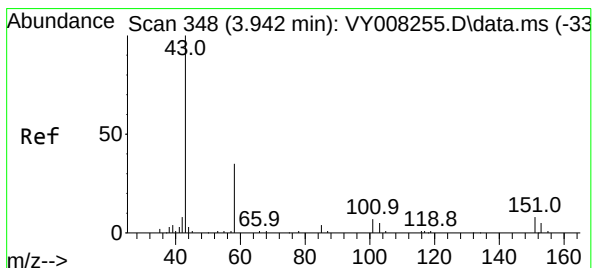
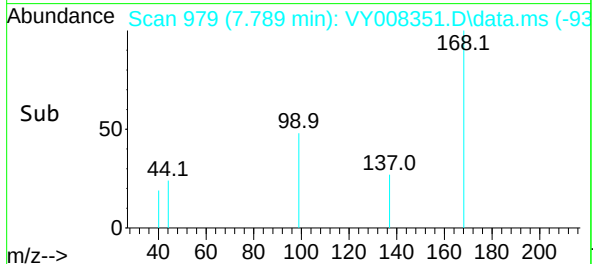
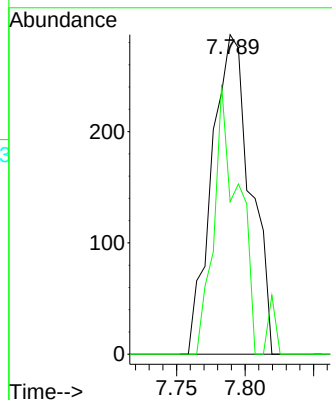
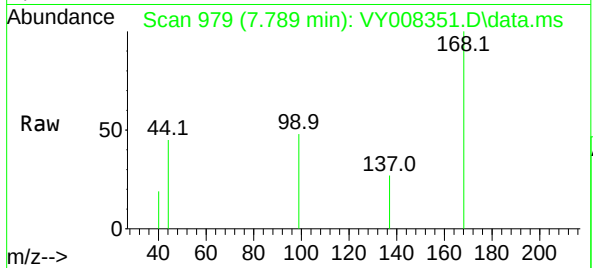




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008351.D
Acq: 15 Apr 2022 15:15

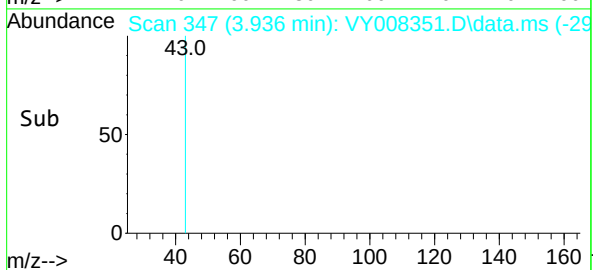
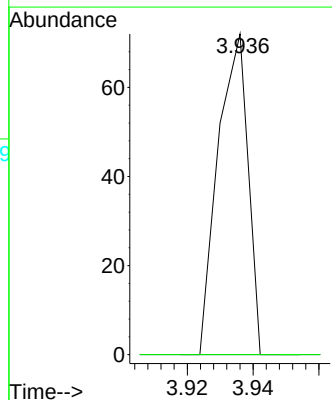
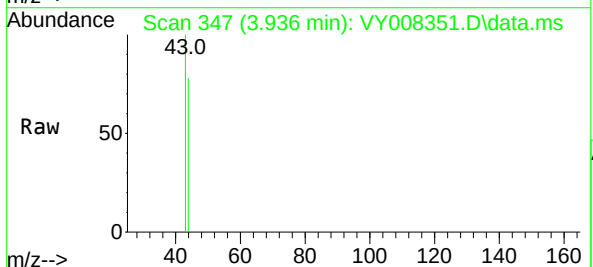
Instrument :
MSVOA_Y
ClientSampleId :
CL-1-041422

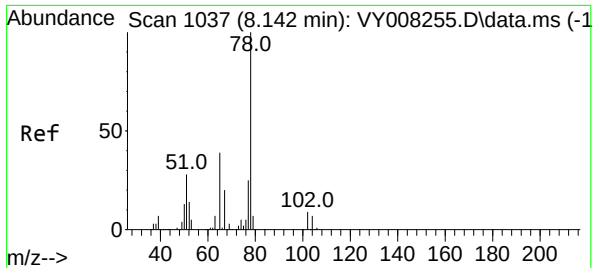
Tgt Ion:168 Resp: 564
Ion Ratio Lower Upper
168 100
99 47.7 46.9 70.3



#16
Acetone
Concen: 35.315 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY008351.D
Acq: 15 Apr 2022 15:15

Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

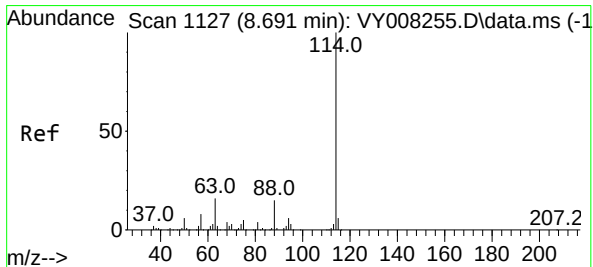
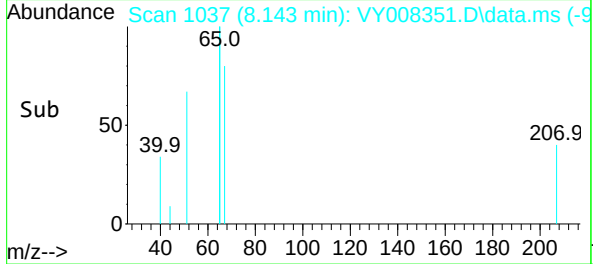
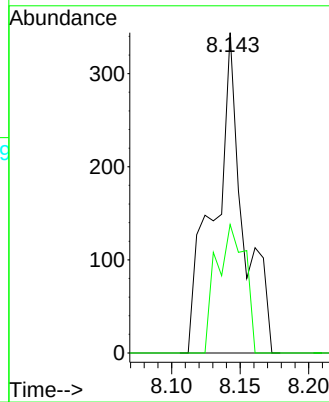
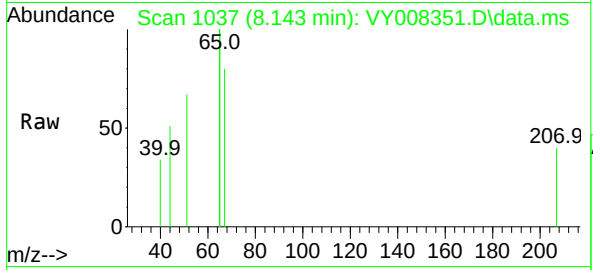




#33
 1,2-Dichloroethane-d4
 Concen: 95.134 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY008351.D
 Acq: 15 Apr 2022 15:15

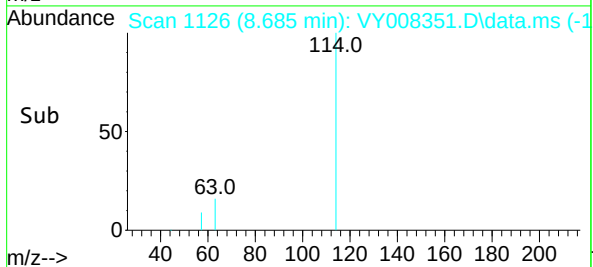
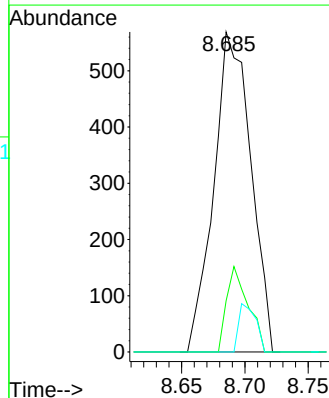
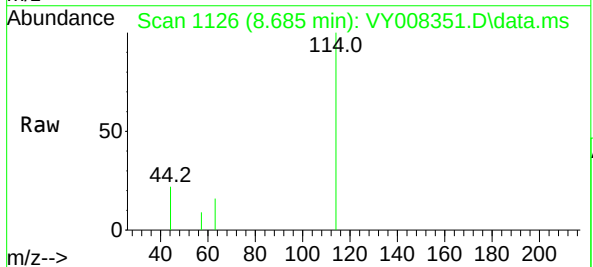
Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-1-041422

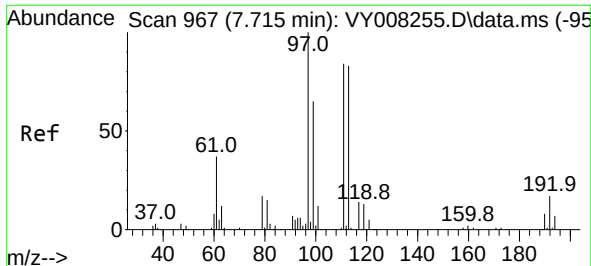
Tgt Ion: 65 Resp: 504
 Ion Ratio Lower Upper
 65 100
 67 39.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY008351.D
 Acq: 15 Apr 2022 15:15

Tgt Ion: 114 Resp: 1159
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 43.2
 88 0.0 0.0 31.8

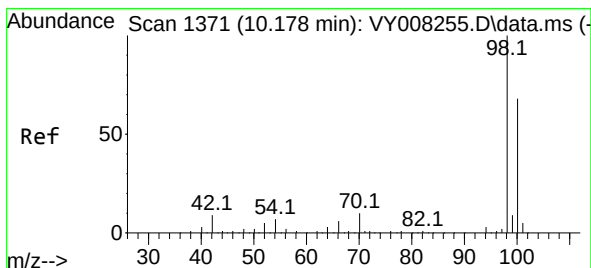
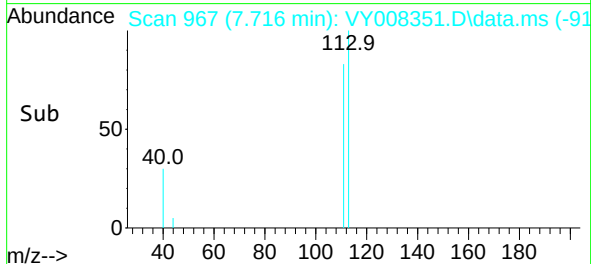
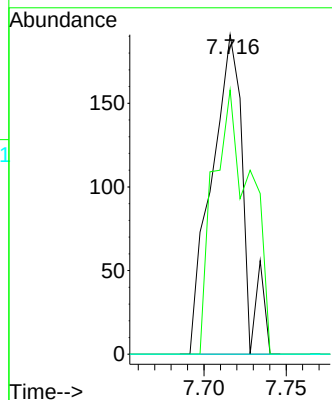
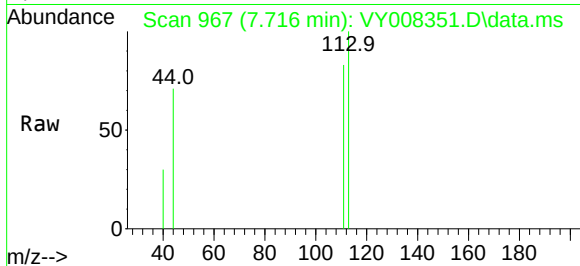




#35
Dibromofluoromethane
Concen: 38.840 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008351.D
Acq: 15 Apr 2022 15:15

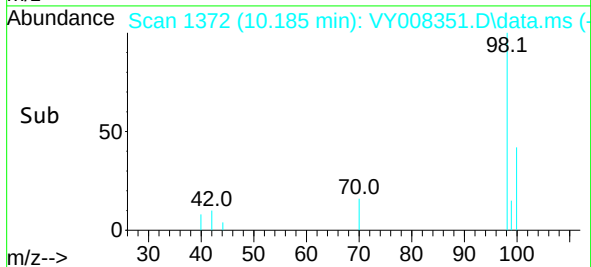
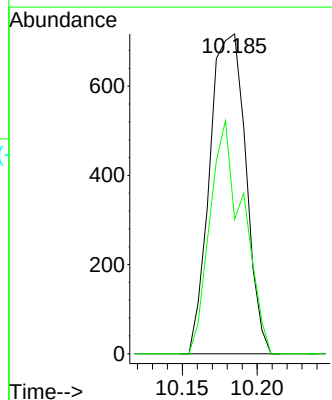
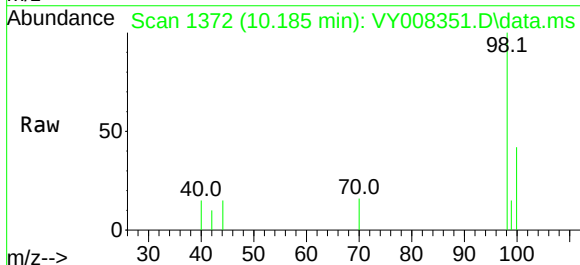
Instrument :
MSVOA_Y
ClientSampleId :
CL-1-041422

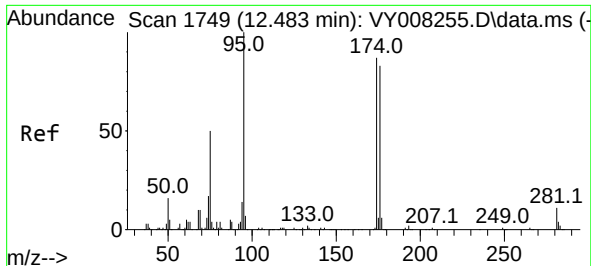
Tgt Ion:113 Resp: 260
Ion Ratio Lower Upper
113 100
111 95.0 82.6 124.0
192 0.0 17.6 26.4#



#50
Toluene-d8
Concen: 52.300 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY008351.D
Acq: 15 Apr 2022 15:15

Tgt Ion: 98 Resp: 1198
Ion Ratio Lower Upper
98 100
100 67.4 50.2 75.2

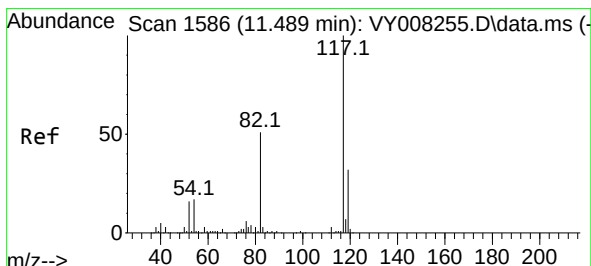
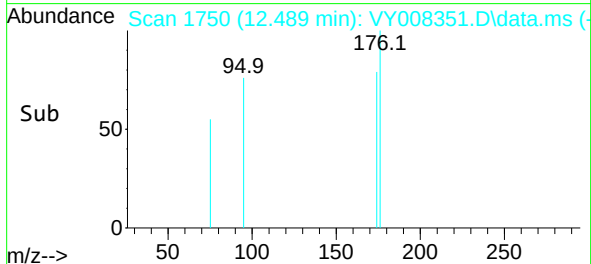
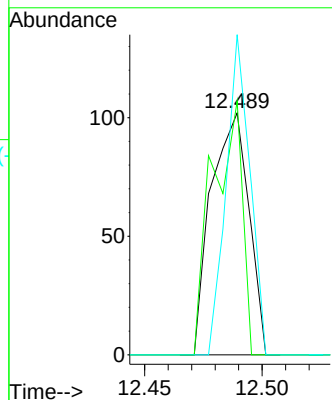
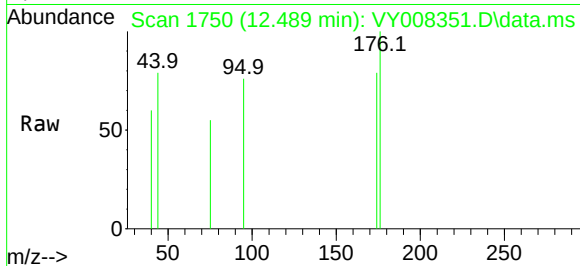




#62
4-Bromofluorobenzene
Concen: 13.116 ug/l
RT: 12.489 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY008351.D
Acq: 15 Apr 2022 15:15

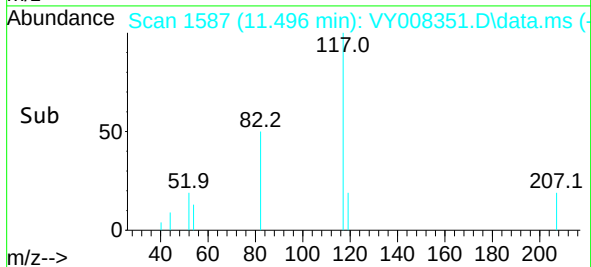
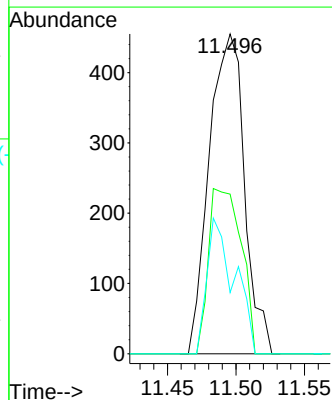
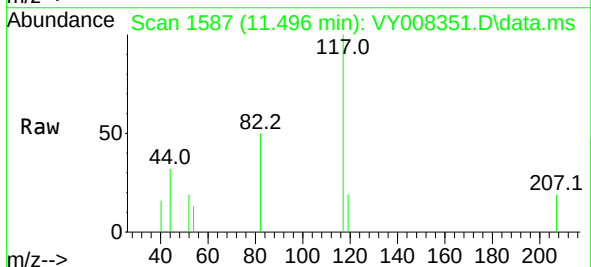
Instrument :
MSVOA_Y
ClientSampleId :
CL-1-041422

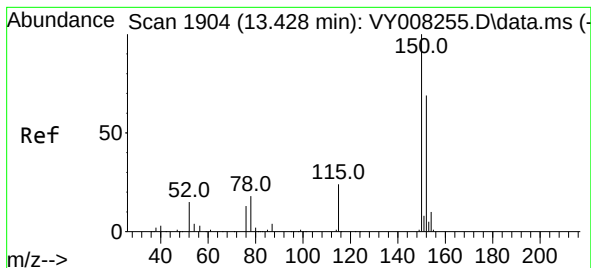
Tgt Ion: 95 Resp: 113
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 84.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008351.D
Acq: 15 Apr 2022 15:15

Tgt Ion: 117 Resp: 814
Ion Ratio Lower Upper
117 100
82 49.9 43.0 64.4
119 19.1 25.4 38.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008351.D

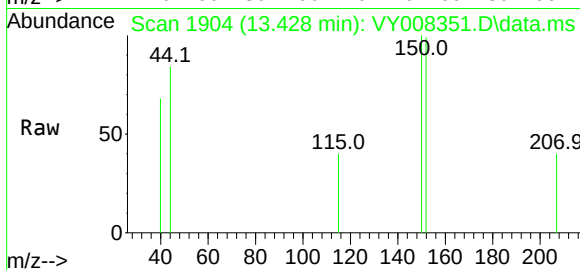
Acq: 15 Apr 2022 15:15

Instrument :

MSVOA_Y

ClientSampleId :

CL-1-041422



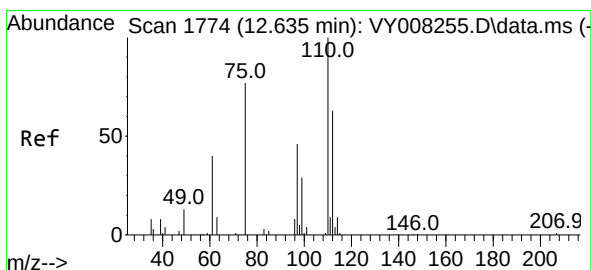
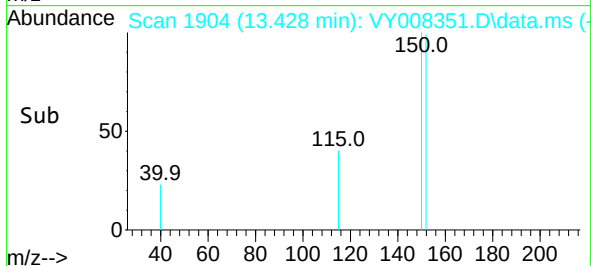
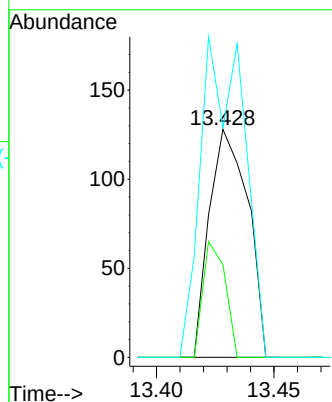
Tgt Ion:152 Resp: 146

Ion Ratio Lower Upper

152 100

115 29.5 28.2 84.7

150 157.5 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 30.346 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY008351.D

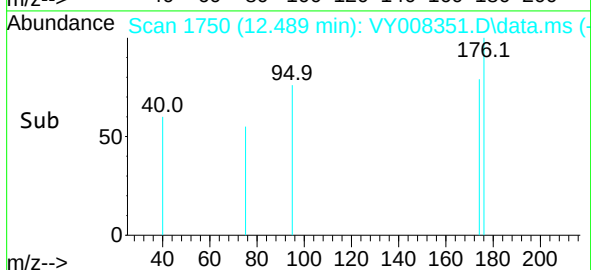
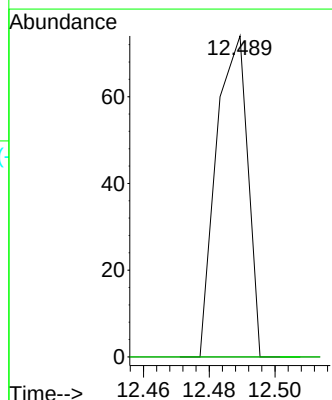
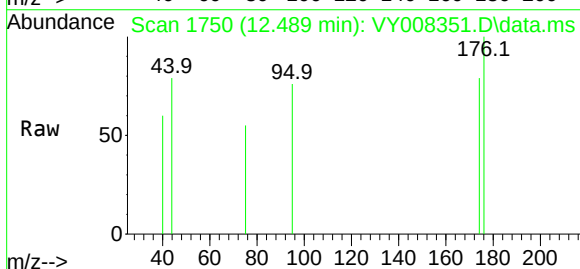
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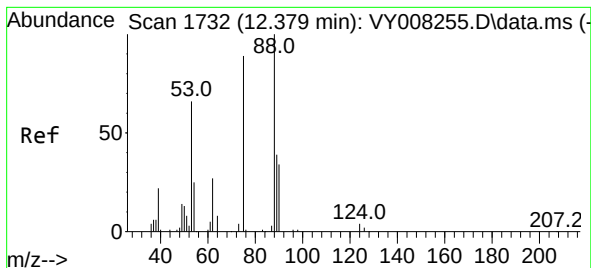
Tgt Ion: 75 Resp: 49

Ion Ratio Lower Upper

75 100

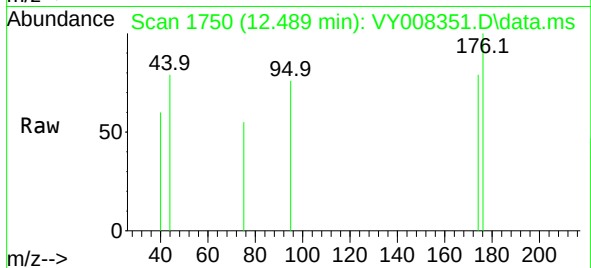
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.898 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY008351.D
 Acq: 15 Apr 2022 15:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-1-041422



Tgt Ion: 75 Resp: 49
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

