

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007953.D
 Acq On : 21 Mar 2022 14:38
 Operator : SY/MD
 Sample : N1983-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124035

Quant Time: Mar 21 16:04:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

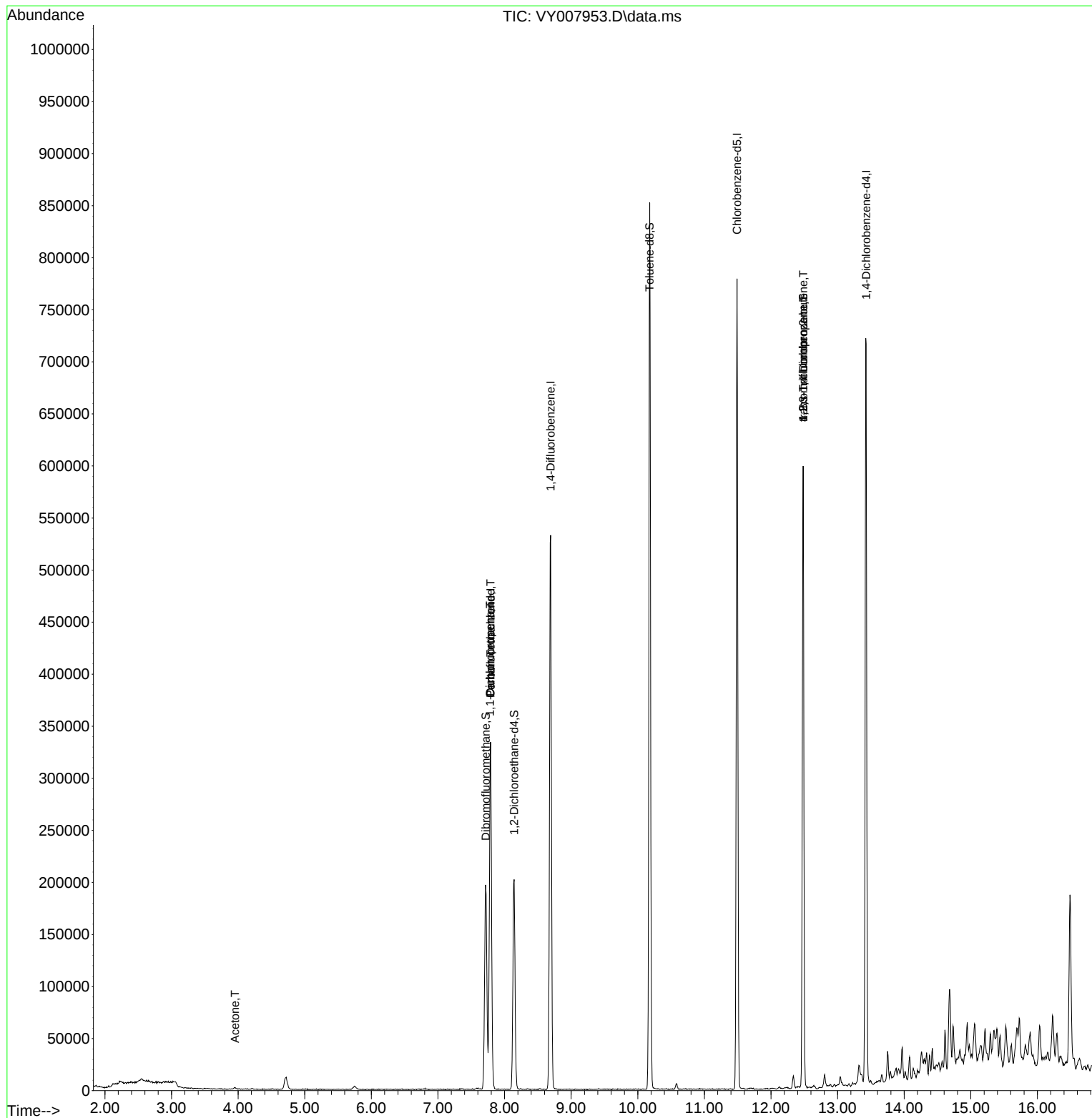
Internal Standards						
1) Pentafluorobenzene	7.789	168	246638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	457241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	411823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	153406	54.551	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.100%	
35) Dibromofluoromethane	7.716	113	140283	43.686	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.380%	
50) Toluene-d8	10.179	98	557201	58.460	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.920%	
62) 4-Bromofluorobenzene	12.483	95	193347	41.953	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.900%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	150	Below Cal	#	43
3) Chloromethane	2.113	50	745	Below Cal	#	66
4) Vinyl Chloride	2.253	62	121	Below Cal	#	43
5) Bromomethane	2.674	94	370	Below Cal	#	6
16) Acetone	3.954	43	3157	4.232	ug/l	90
17) Carbon Disulfide	4.204	76	248	Below Cal	#	75
18) Methyl Acetate	4.466	43	393	Below Cal	#	56
20) Methylene Chloride	4.723	84	8891	Below Cal	#	83
31) Cyclohexane	7.783	56	5742	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	21102	4.431	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	25714	5.052	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	100264	39.619	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	100264	83.217	ug/l	# 7

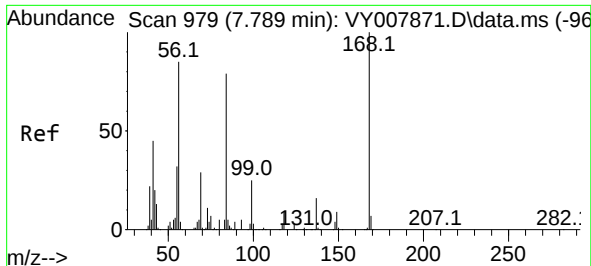
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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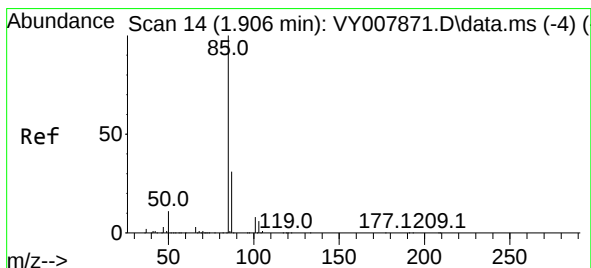
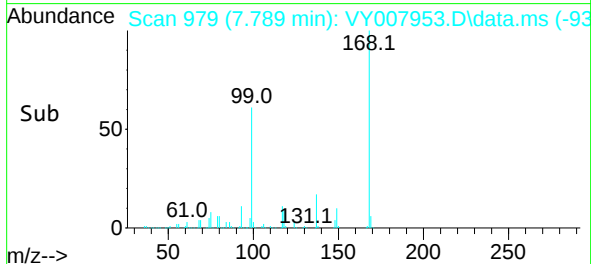
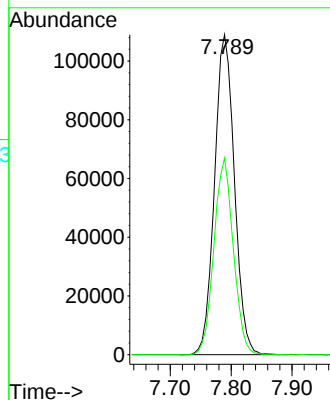
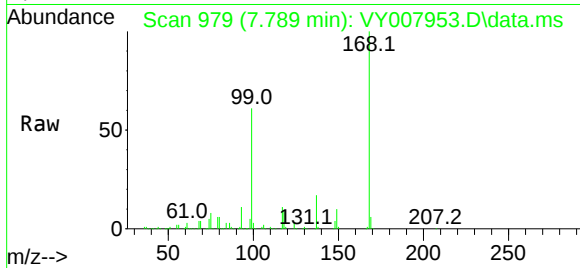




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007953.D
Acq: 21 Mar 2022 14:38

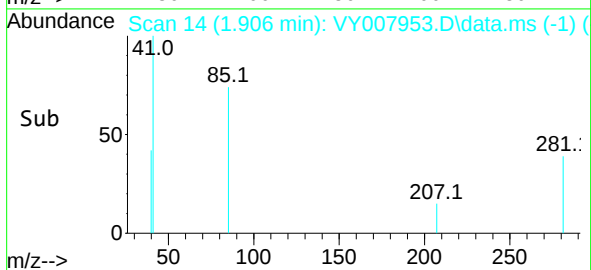
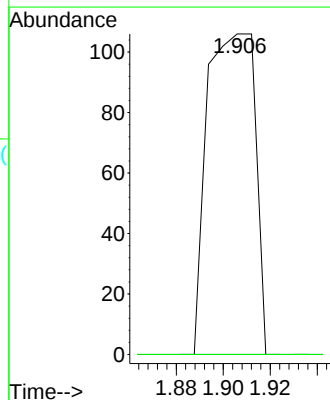
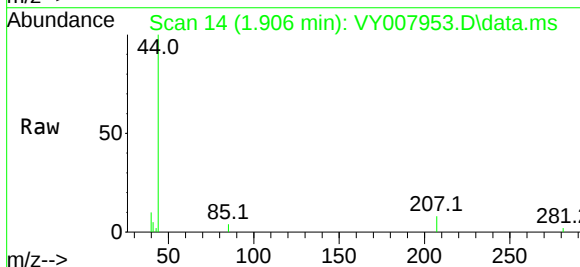
Instrument :
MSVOA_Y
ClientSampleId :
124035

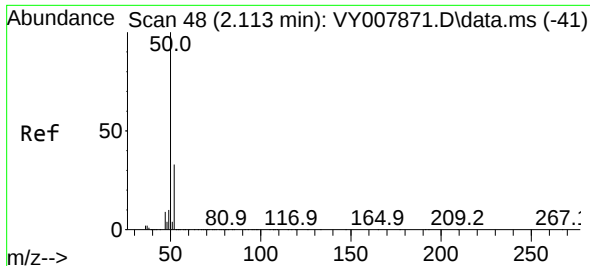
Tgt Ion:168 Resp: 246638
Ion Ratio Lower Upper
168 100
99 61.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007953.D
Acq: 21 Mar 2022 14:38

Tgt Ion: 85 Resp: 150
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

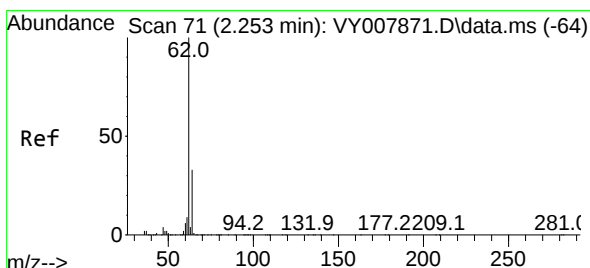
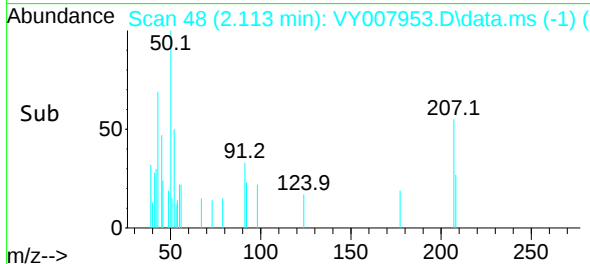
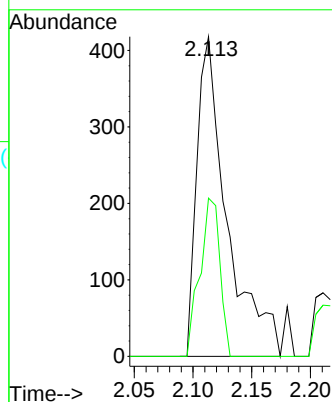
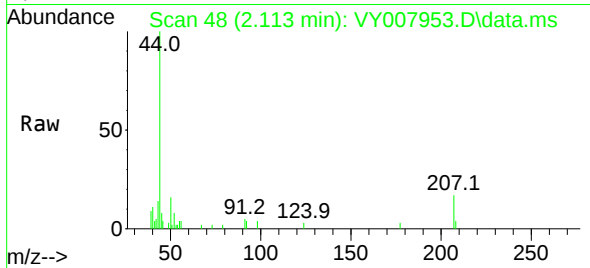




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007953.D
Acq: 21 Mar 2022 14:38

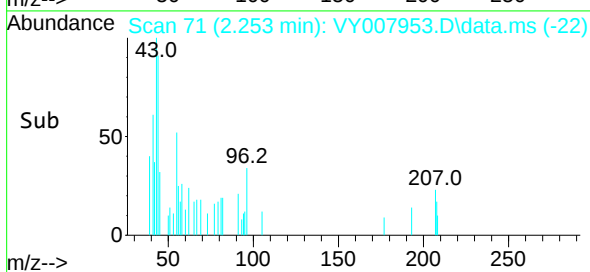
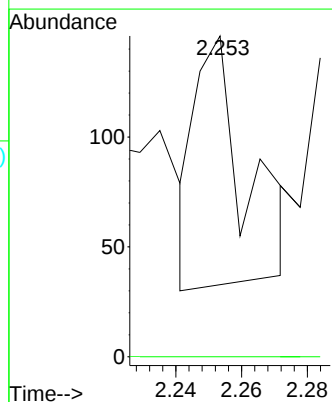
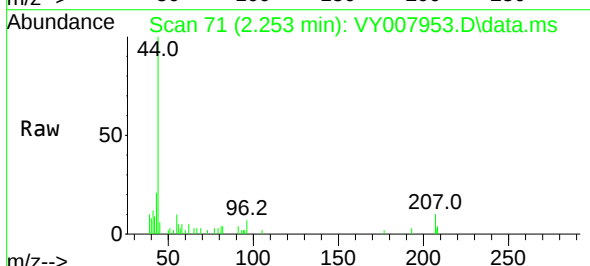
Instrument :
MSVOA_Y
ClientSampleId :
124035

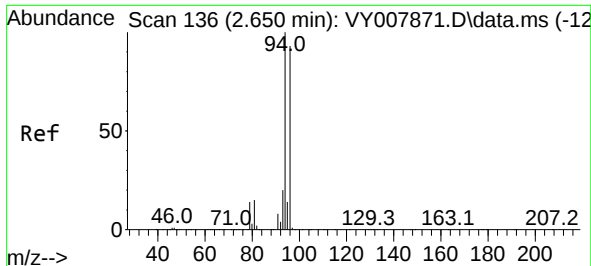
Tgt Ion: 50 Resp: 745
Ion Ratio Lower Upper
50 100
52 49.5 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY007953.D
Acq: 21 Mar 2022 14:38

Tgt Ion: 62 Resp: 121
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

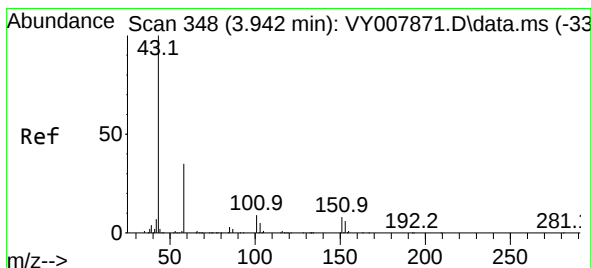
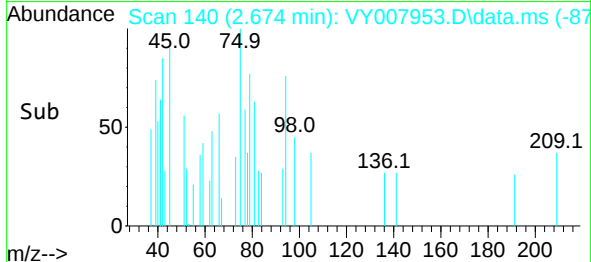
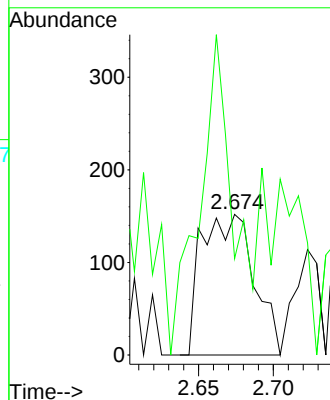
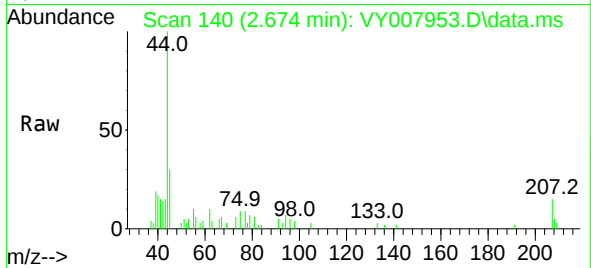




#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 14
Delta R.T. 0.024 min
Lab File: VY007953.D
Acq: 21 Mar 2022 14:38

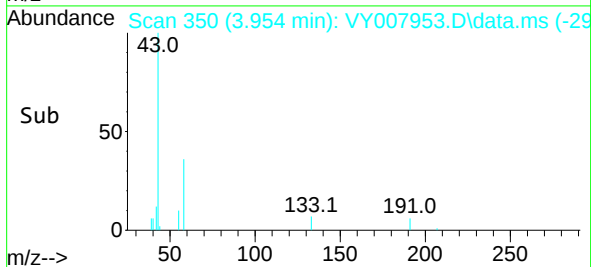
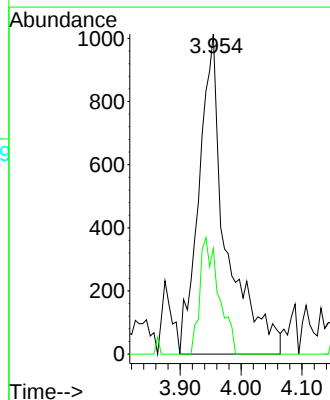
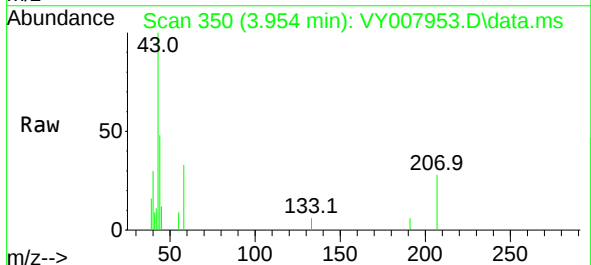
Instrument :
MSVOA_Y
ClientSampleId :
124035

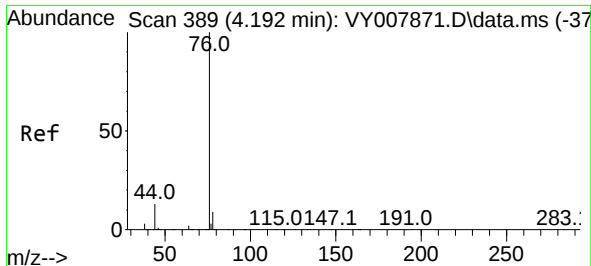
Tgt Ion: 94 Resp: 370
Ion Ratio Lower Upper
94 100
96 2.6 73.5 110.3#



#16
Acetone
Concen: 4.232 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY007953.D
Acq: 21 Mar 2022 14:38

Tgt Ion: 43 Resp: 3157
Ion Ratio Lower Upper
43 100
58 32.9 22.0 33.0





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.204 min Scan# 391

Delta R.T. 0.012 min

Lab File: VY007953.D

Acq: 21 Mar 2022 14:38

Instrument :

MSVOA_Y

ClientSampleId :

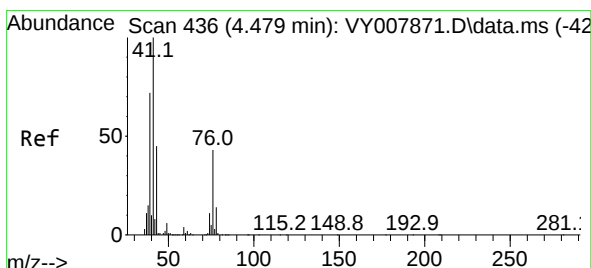
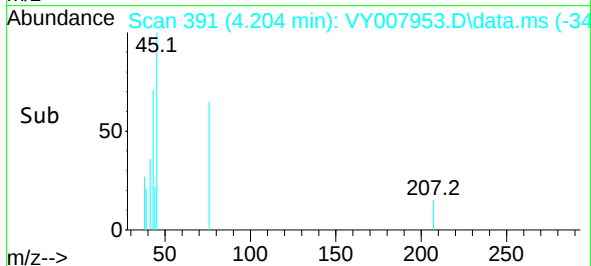
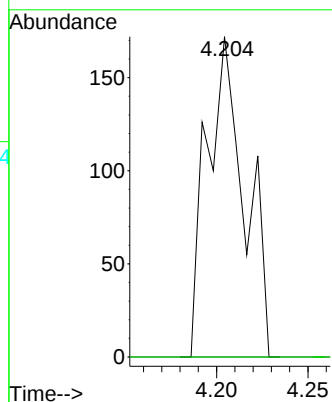
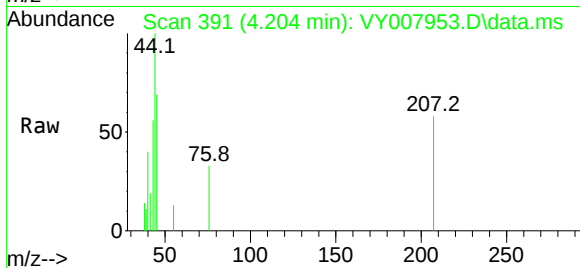
124035

Tgt Ion: 76 Resp: 248

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.466 min Scan# 434

Delta R.T. -0.006 min

Lab File: VY007953.D

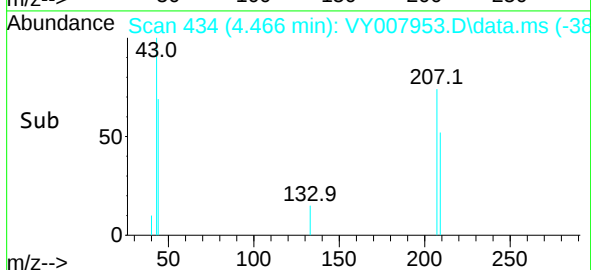
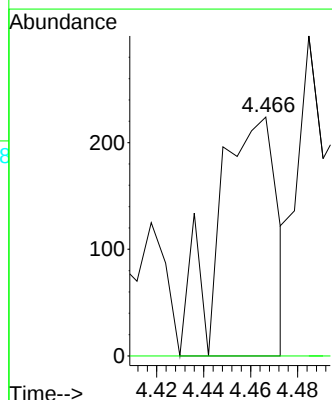
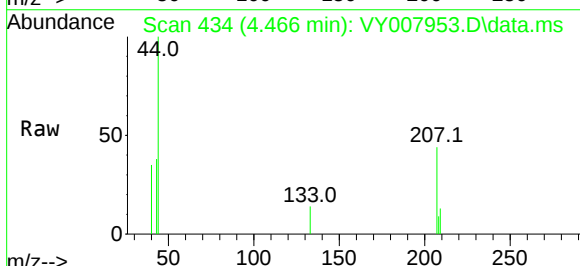
Acq: 21 Mar 2022 14:38

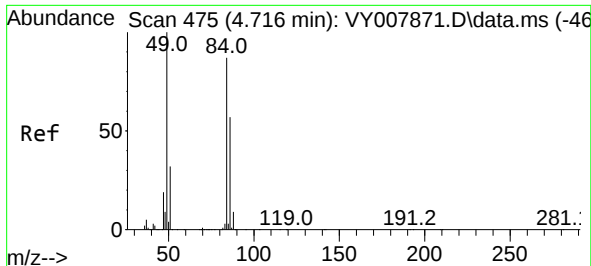
Tgt Ion: 43 Resp: 393

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.723 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY007953.D

Acq: 21 Mar 2022 14:38

Instrument :

MSVOA_Y

ClientSampleId :

124035

Tgt Ion: 84 Resp: 8891

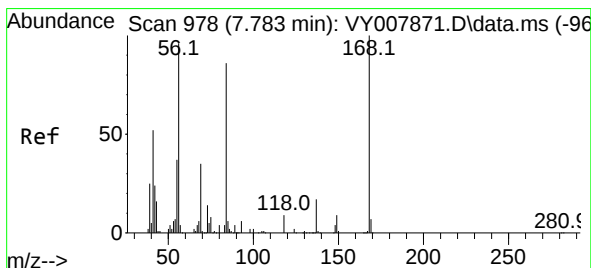
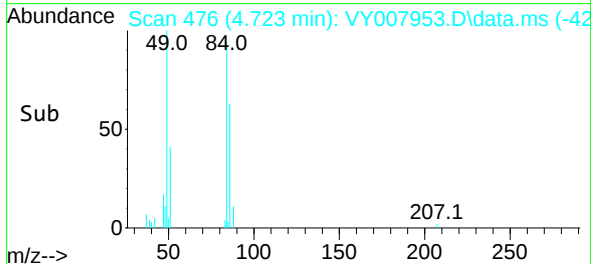
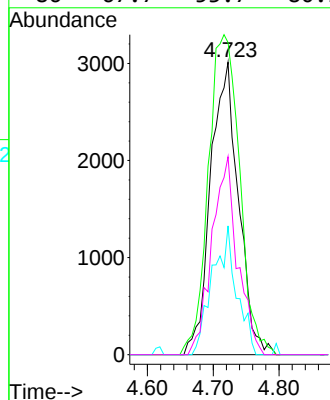
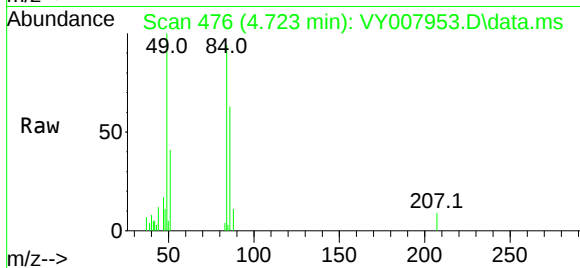
Ion Ratio Lower Upper

84 100

49 106.7 114.4 171.6#

51 44.1 35.3 52.9

86 67.7 53.7 80.5



#31

Cyclohexane

Concen: Below Cal

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY007953.D

Acq: 21 Mar 2022 14:38

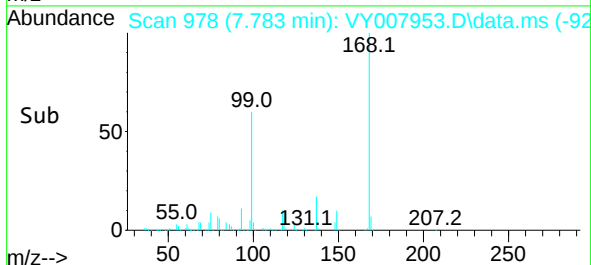
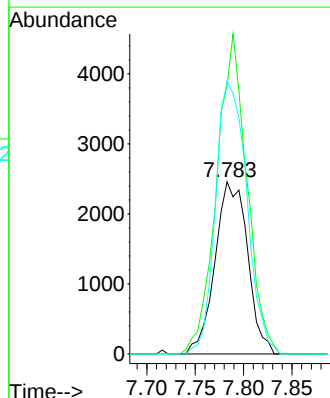
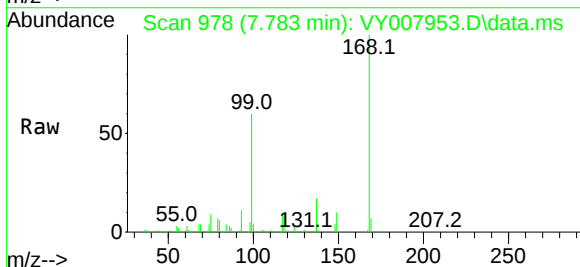
Tgt Ion: 56 Resp: 5742

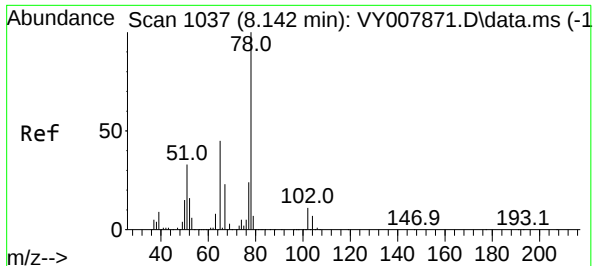
Ion Ratio Lower Upper

56 100

69 156.1 26.7 40.1#

84 158.5 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 54.551 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007953.D

Acq: 21 Mar 2022 14:38

Instrument :

MSVOA_Y

ClientSampleId :

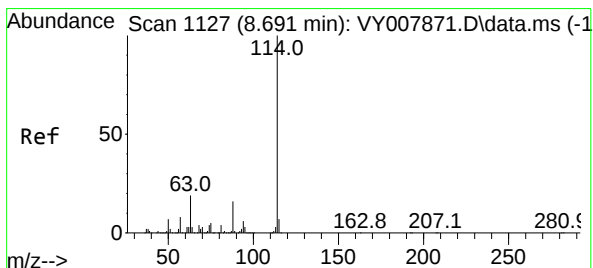
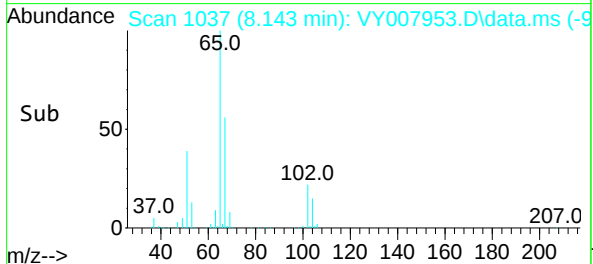
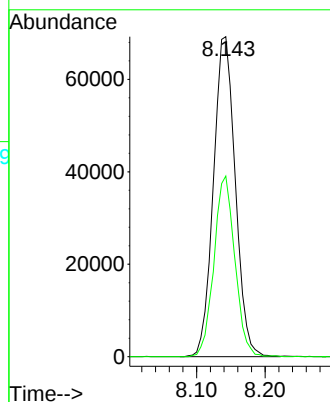
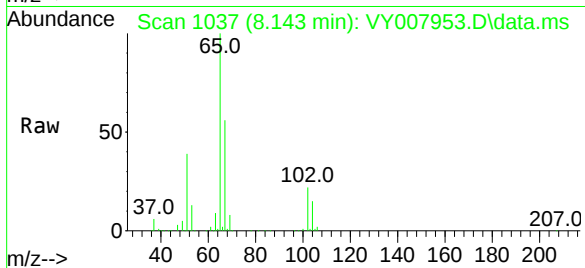
124035

Tgt Ion: 65 Resp: 153406

Ion Ratio Lower Upper

65 100

67 53.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007953.D

Acq: 21 Mar 2022 14:38

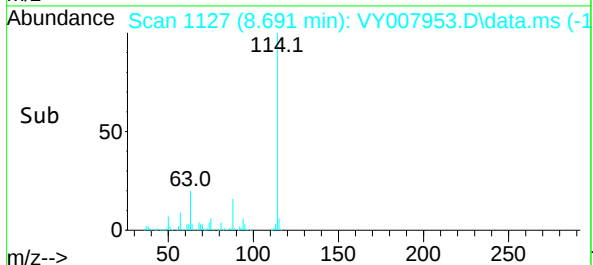
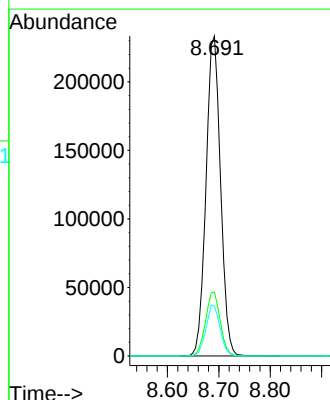
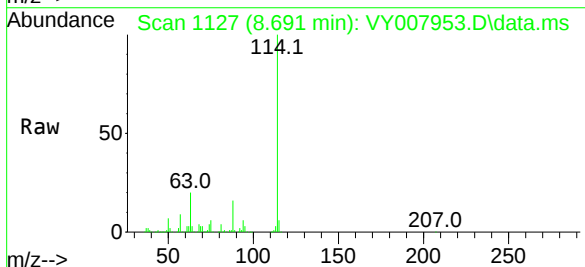
Tgt Ion: 114 Resp: 457241

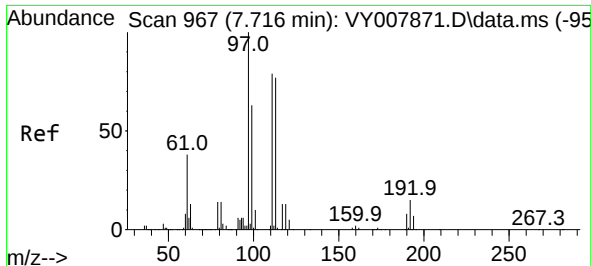
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.6 0.0 31.8

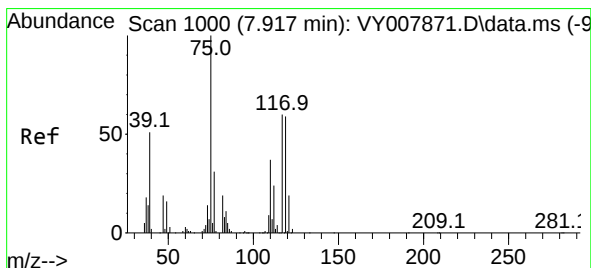
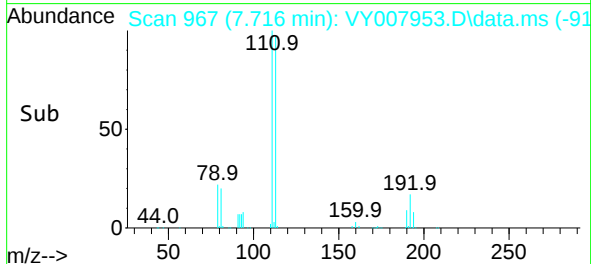
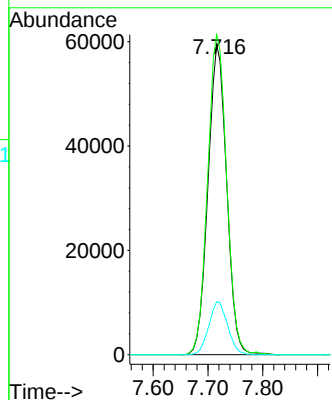
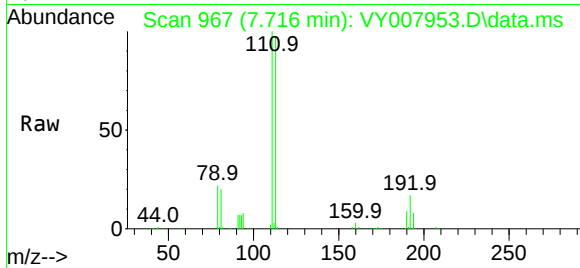




#35
Dibromofluoromethane
Concen: 43.686 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY007953.D
Acq: 21 Mar 2022 14:38

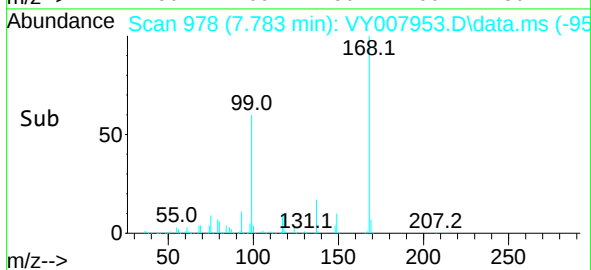
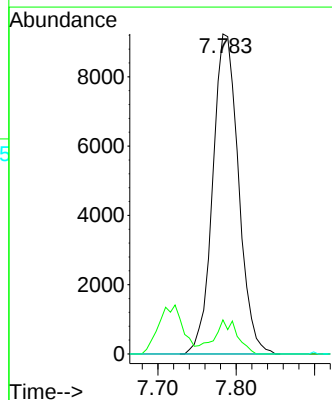
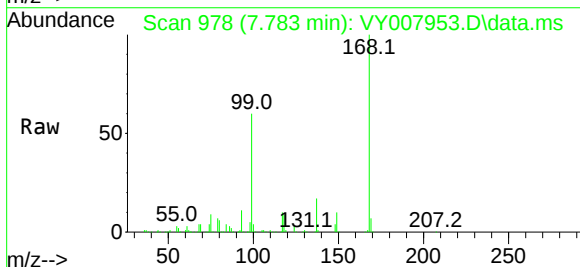
Instrument :
MSVOA_Y
ClientSampleId :
124035

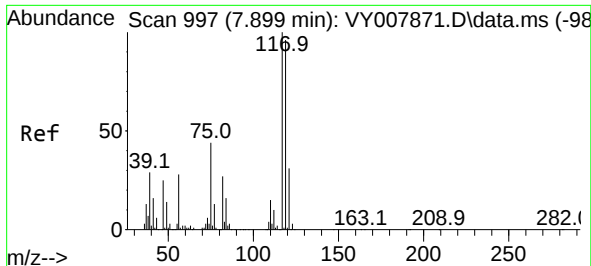
Tgt Ion:113 Resp: 140283
Ion Ratio Lower Upper
113 100
111 105.2 82.6 124.0
192 17.2 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.431 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY007953.D
Acq: 21 Mar 2022 14:38

Tgt Ion: 75 Resp: 21102
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#

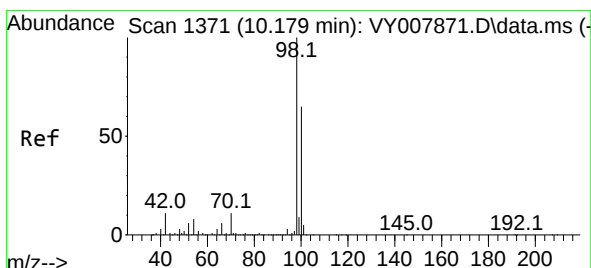
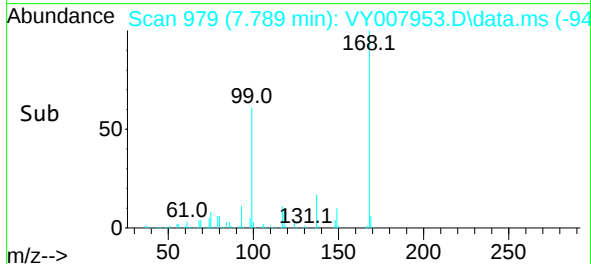
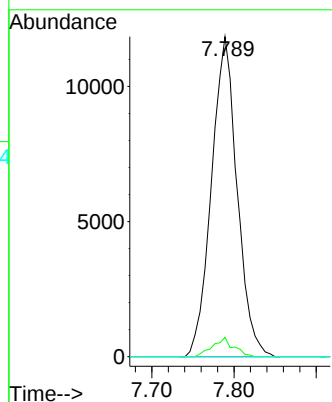
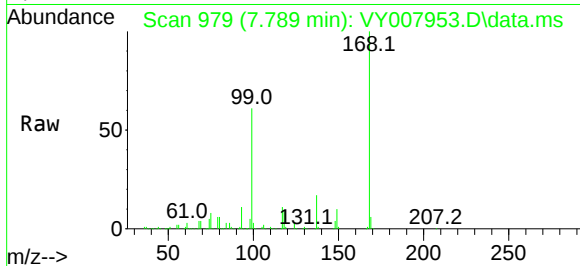




#38
Carbon Tetrachloride
Concen: 5.052 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007953.D
Acq: 21 Mar 2022 14:38

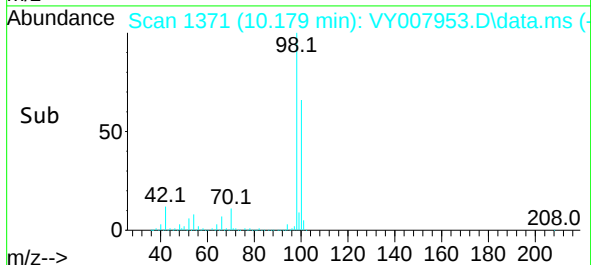
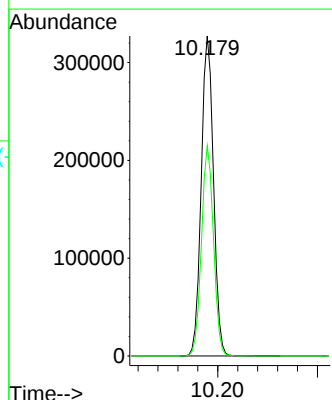
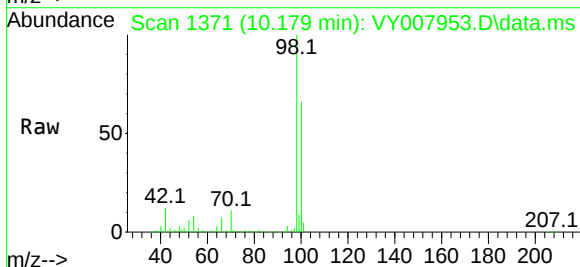
Instrument :
MSVOA_Y
ClientSampleId :
124035

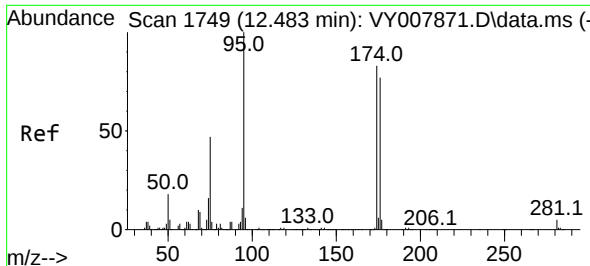
Tgt Ion:117 Resp: 25714
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 58.460 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007953.D
Acq: 21 Mar 2022 14:38

Tgt Ion: 98 Resp: 557201
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

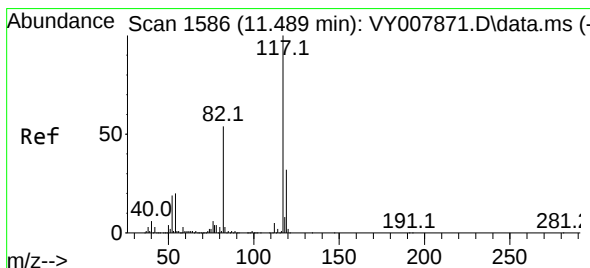
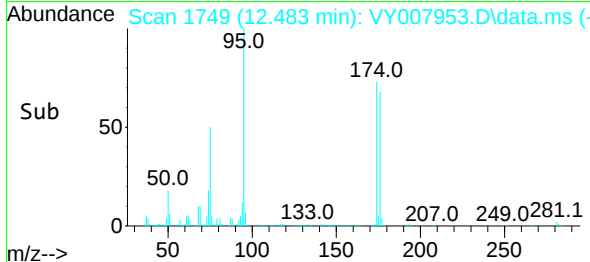
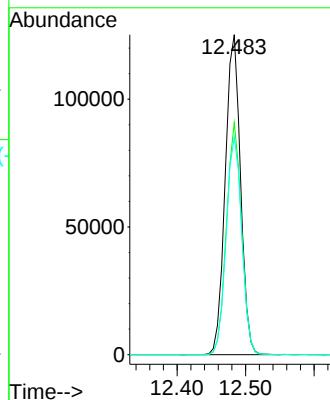
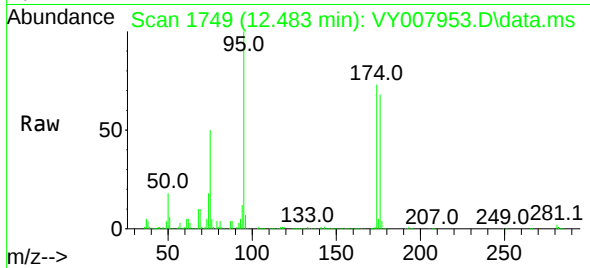




#62
4-Bromofluorobenzene
Concen: 41.953 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007953.D
Acq: 21 Mar 2022 14:38

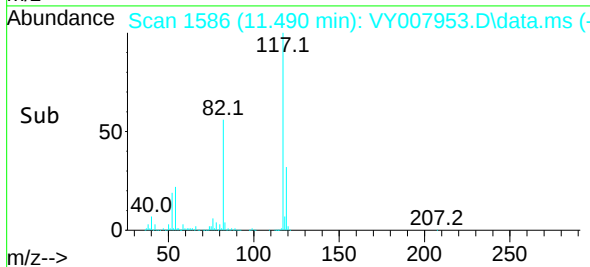
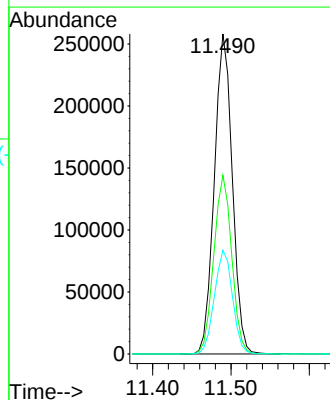
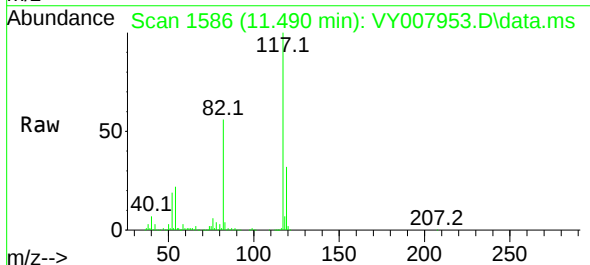
Instrument :
MSVOA_Y
ClientSampleId :
124035

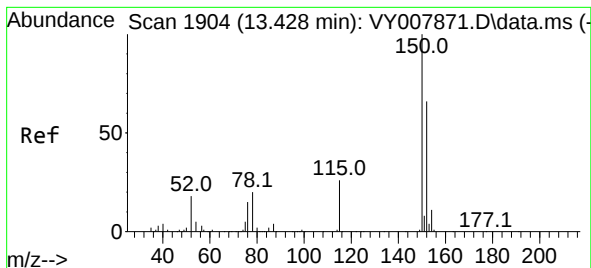
Tgt Ion: 95 Resp: 193347
Ion Ratio Lower Upper
95 100
174 71.8 0.0 177.0
176 69.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007953.D
Acq: 21 Mar 2022 14:38

Tgt Ion: 117 Resp: 411823
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 32.4 25.4 38.0

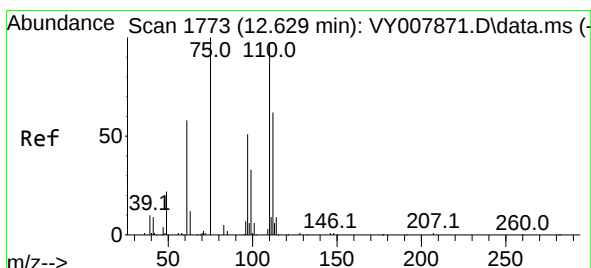
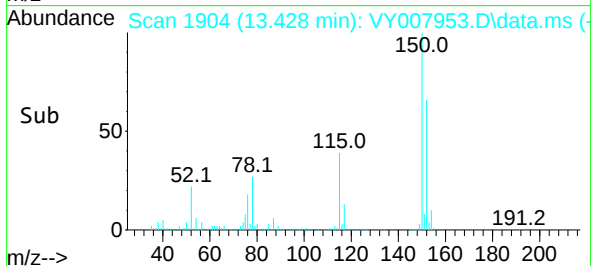
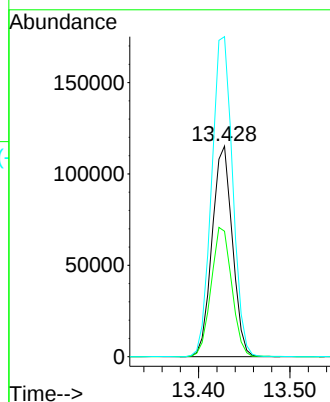
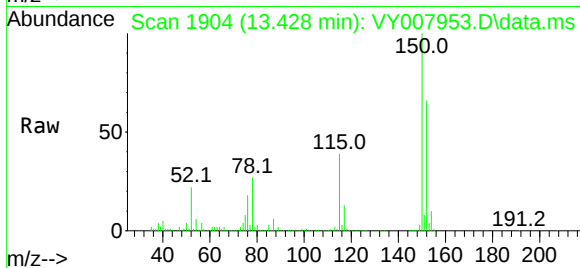




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VY007953.D
 Acq: 21 Mar 2022 14:38

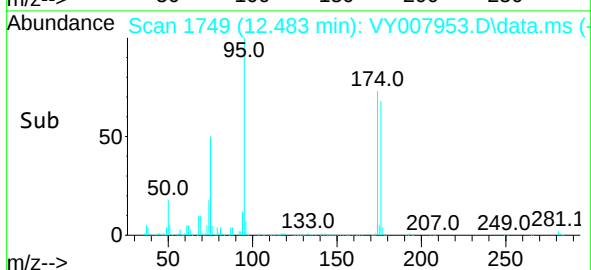
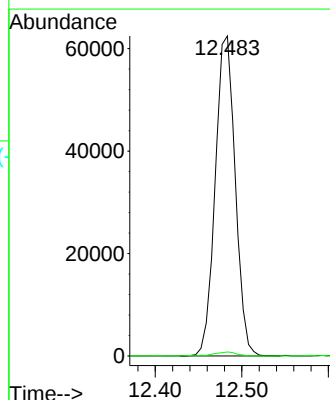
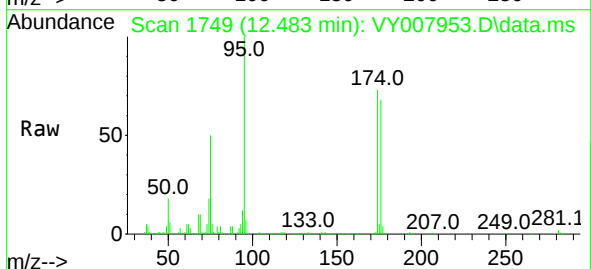
Instrument :
 MSVOA_Y
 ClientSampleId :
 124035

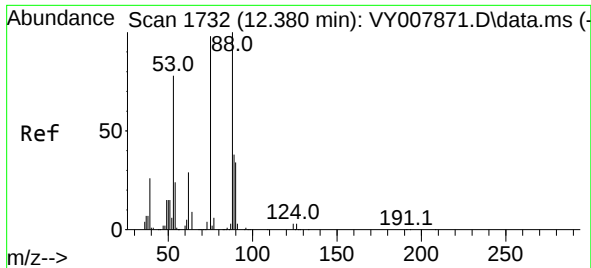
Tgt Ion:152 Resp: 177550
 Ion Ratio Lower Upper
 152 100
 115 62.6 28.2 84.7
 150 157.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 39.619 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007953.D
 Acq: 21 Mar 2022 14:38

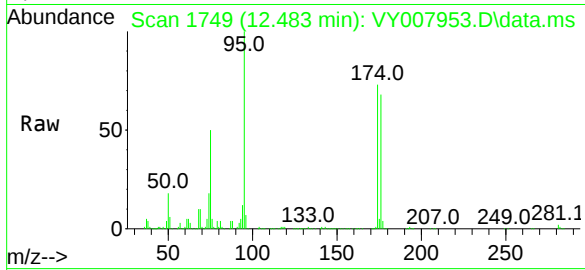
Tgt Ion: 75 Resp: 100264
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.217 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007953.D
 Acq: 21 Mar 2022 14:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 124035



Tgt Ion: 75 Resp: 100264
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

