

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092322\
 Data File : VY010656.D
 Acq On : 23 Sep 2022 18:07
 Operator : KP/MD
 Sample : N4724-11
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-11.5-12.0

Quant Time: Sep 24 01:23:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

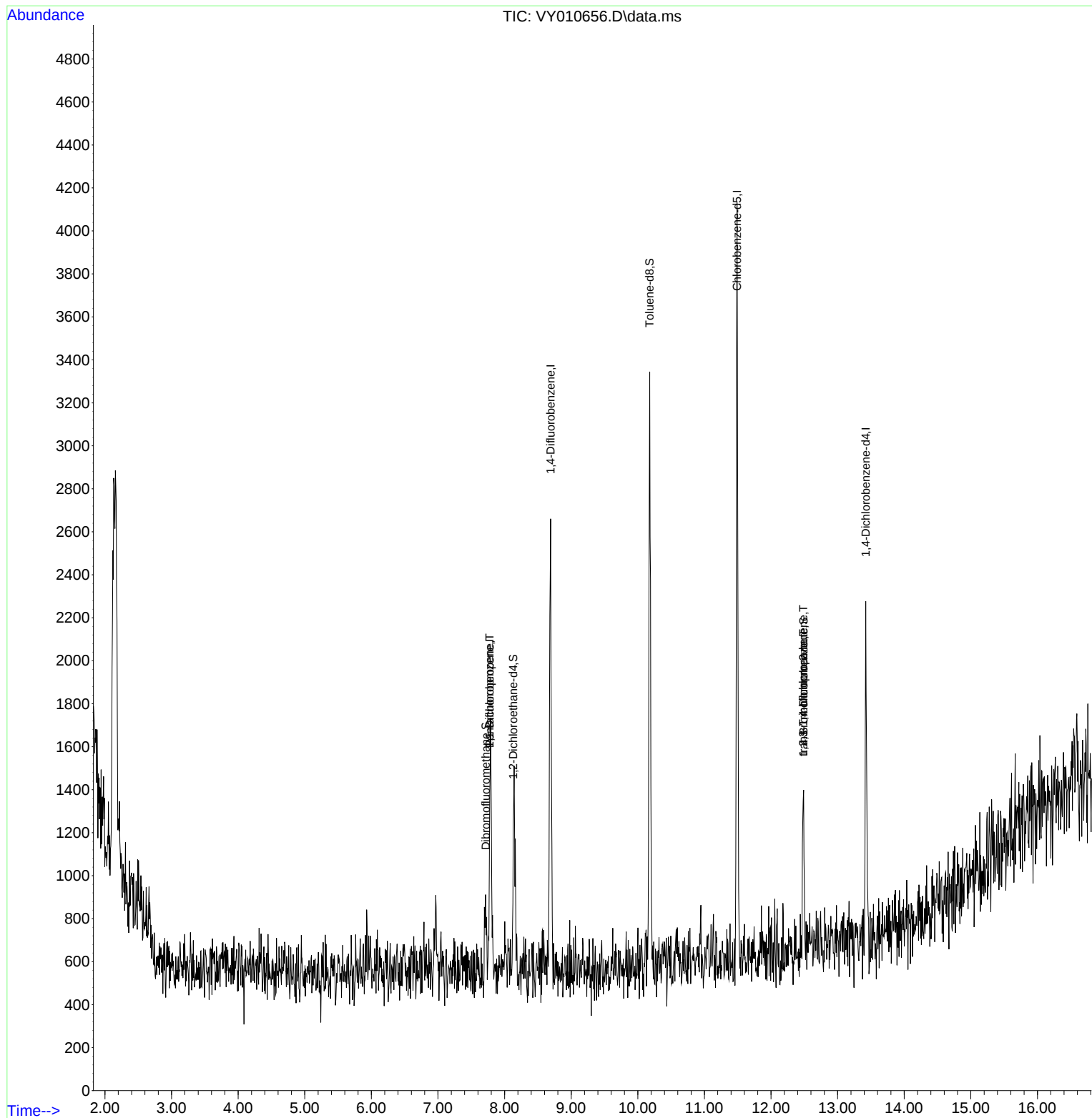
Internal Standards						
1) Pentafluorobenzene	7.777	168	1196	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	2297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	2097	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	758	66.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.520%
35) Dibromofluoromethane	7.716	113	265	18.077	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	36.160%#
50) Toluene-d8	10.179	98	2049	38.580	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.160%
62) 4-Bromofluorobenzene	12.489	95	334	14.704	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	29.400%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.704	84	40	Below Cal	#	42
36) 1,1-Dichloropropene	7.777	75	22	1.347	ug/l #	42
76) 1,2,3-Trichloropropane	12.483	75	173	42.549	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	173	94.605	ug/l #	7

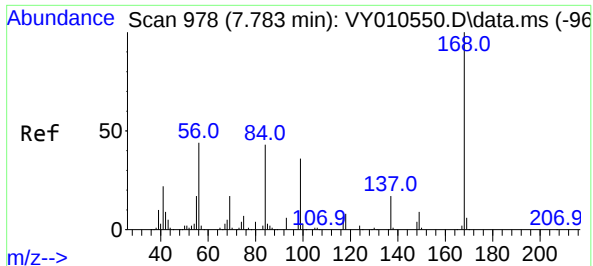
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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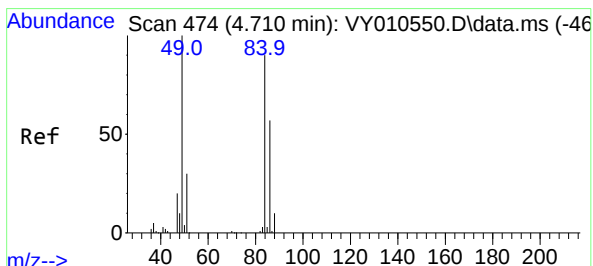
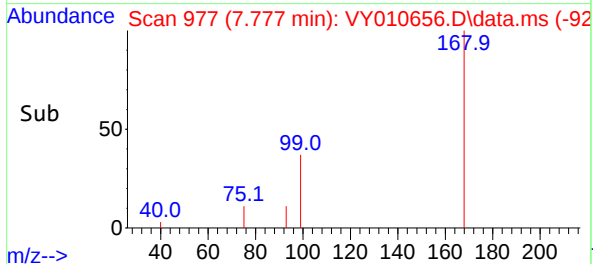
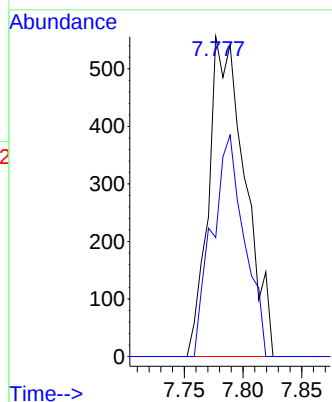
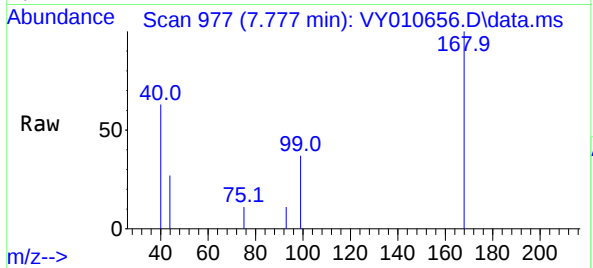




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010656.D
Acq: 23 Sep 2022 18:07

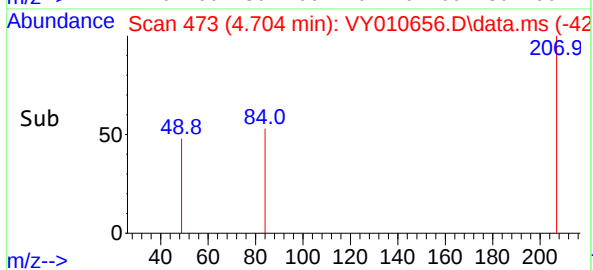
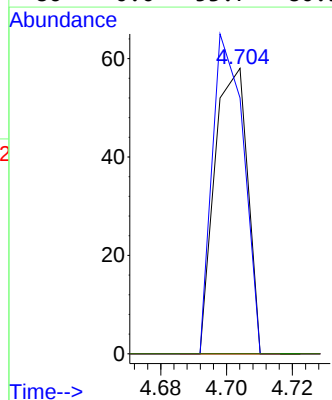
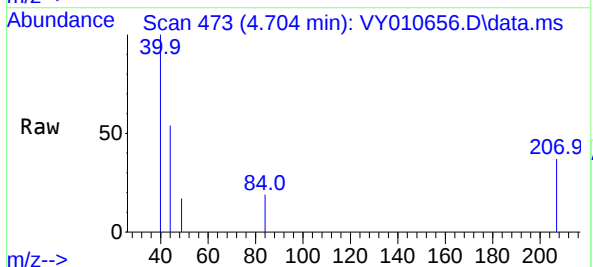
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-11.5-12.0

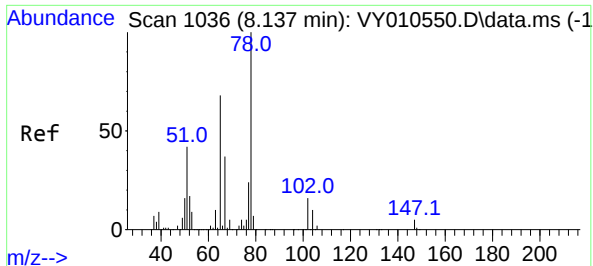
Tgt Ion:168 Resp: 1196
Ion Ratio Lower Upper
168 100
99 37.2 46.9 70.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010656.D
Acq: 23 Sep 2022 18:07

Tgt Ion: 84 Resp: 40
Ion Ratio Lower Upper
84 100
49 89.7 114.4 171.6#
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 66.262 ug/l

RT: 8.130 min Scan# 110

Delta R.T. -0.007 min

Lab File: VY010656.D

Acq: 23 Sep 2022 18:07

Instrument :

MSVOA_Y

ClientSampleId :

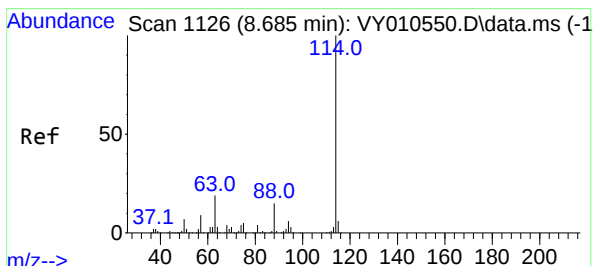
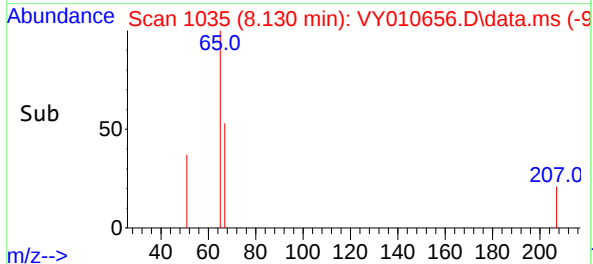
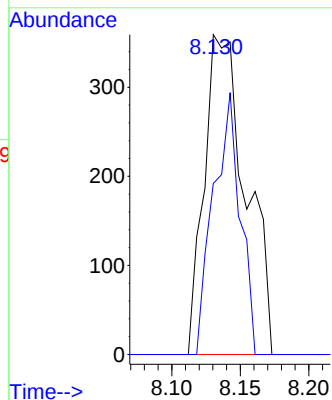
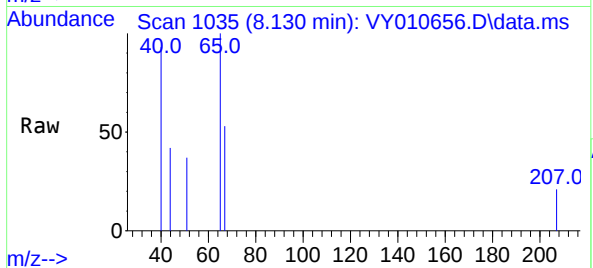
SB-03-11.5-12.0

Tgt Ion: 65 Resp: 758

Ion Ratio Lower Upper

65 100

67 52.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY010656.D

Acq: 23 Sep 2022 18:07

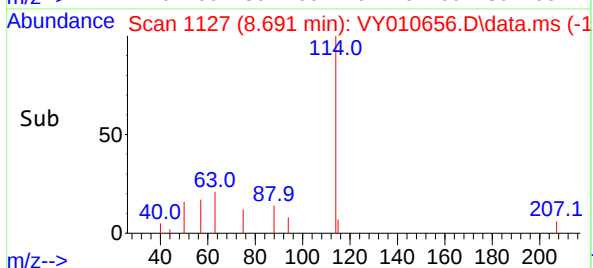
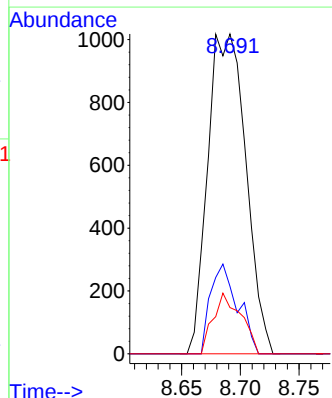
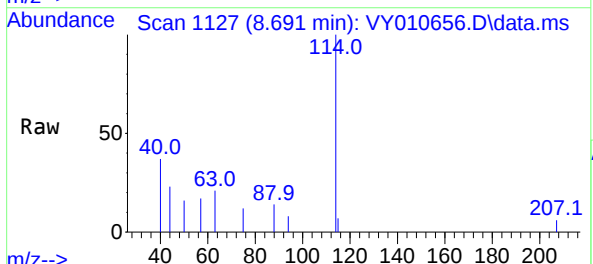
Tgt Ion: 114 Resp: 2297

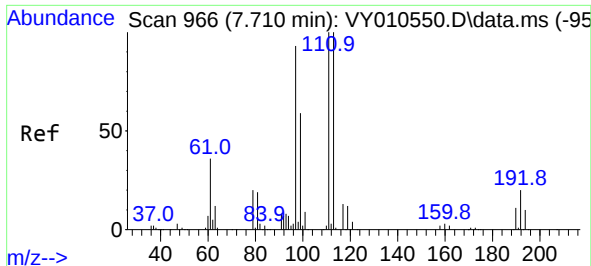
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

88 14.4 0.0 31.8

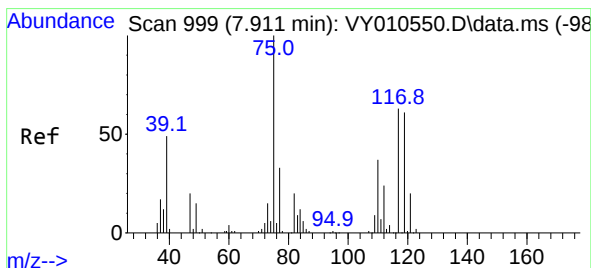
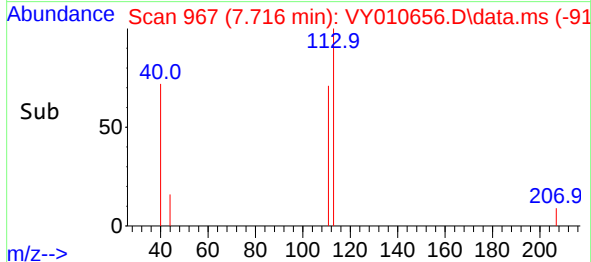
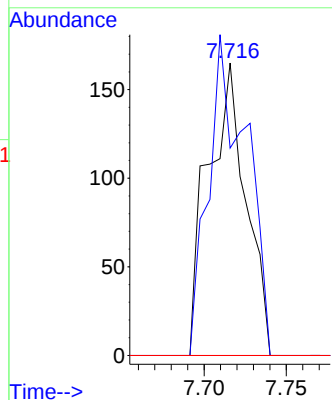
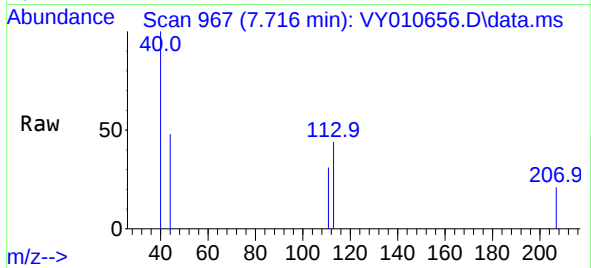




#35
Dibromofluoromethane
Concen: 18.077 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010656.D
Acq: 23 Sep 2022 18:07

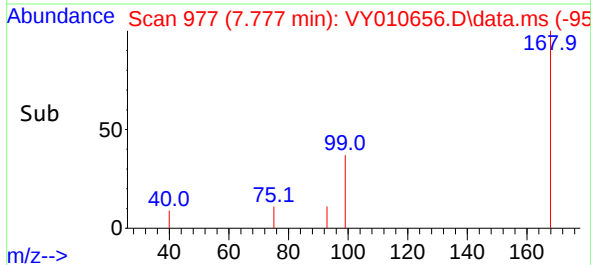
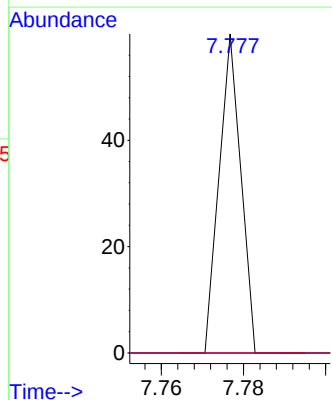
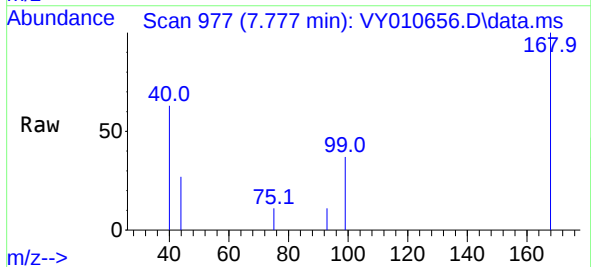
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-11.5-12.0

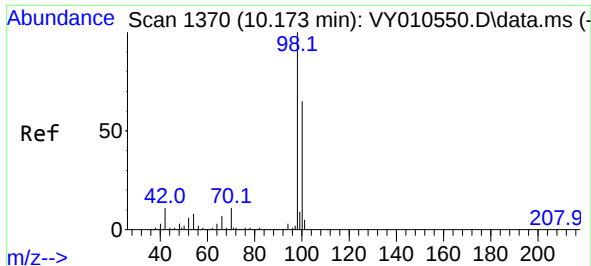
Tgt Ion:113 Resp: 265
Ion Ratio Lower Upper
113 100
111 109.4 82.6 124.0
192 0.0 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 1.347 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY010656.D
Acq: 23 Sep 2022 18:07

Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#

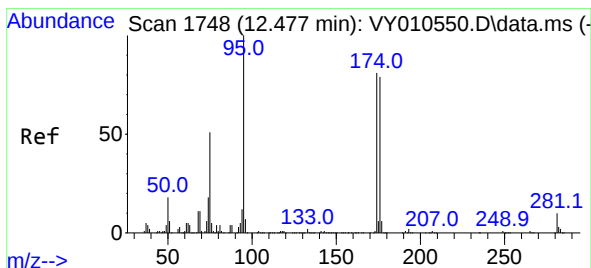
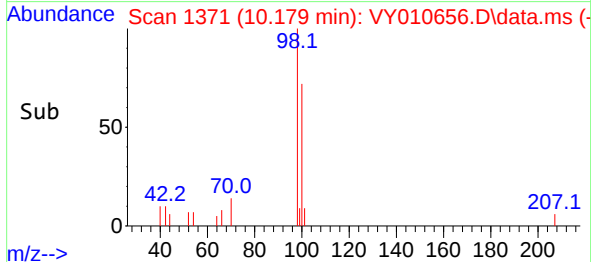
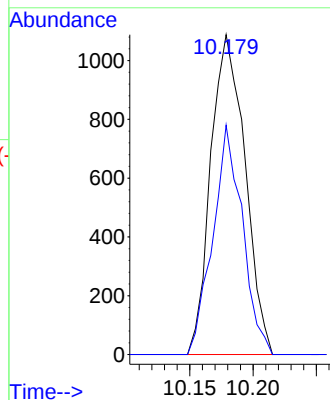
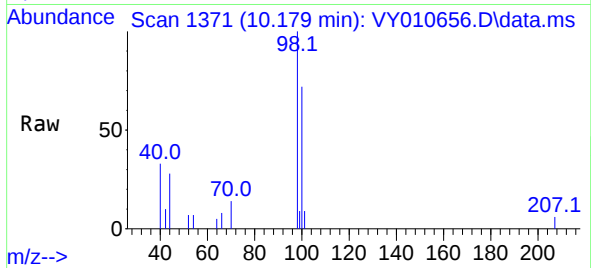




#50
Toluene-d8
Concen: 38.580 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010656.D
Acq: 23 Sep 2022 18:07

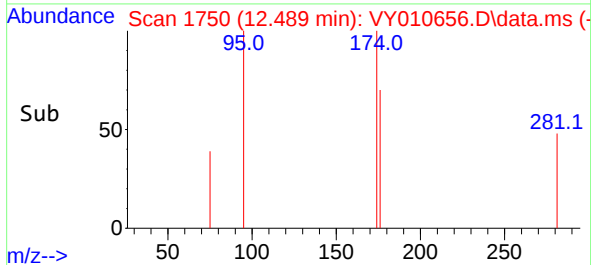
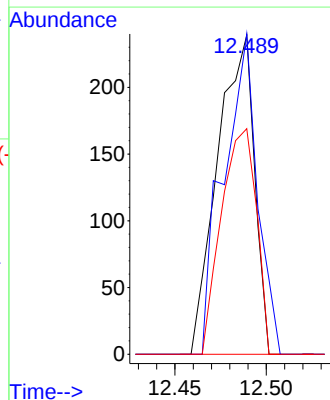
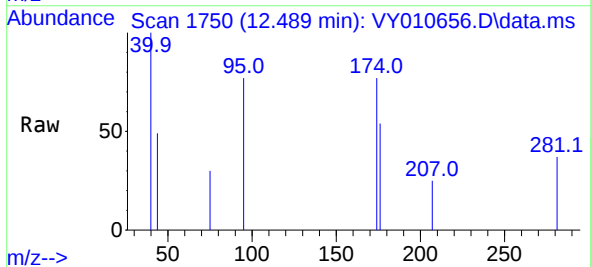
Instrument :
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ClientSampleId :
SB-03-11.5-12.0

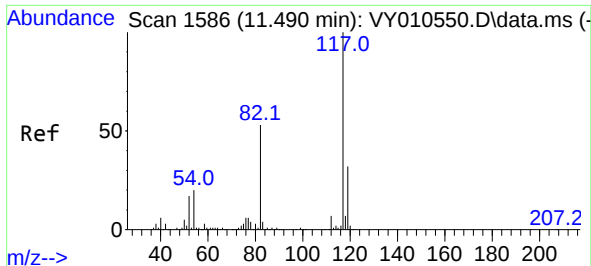
Tgt Ion: 98 Resp: 2049
Ion Ratio Lower Upper
98 100
100 61.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 14.704 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY010656.D
Acq: 23 Sep 2022 18:07

Tgt Ion: 95 Resp: 334
Ion Ratio Lower Upper
95 100
174 92.2 0.0 177.0
176 67.4 0.0 175.8

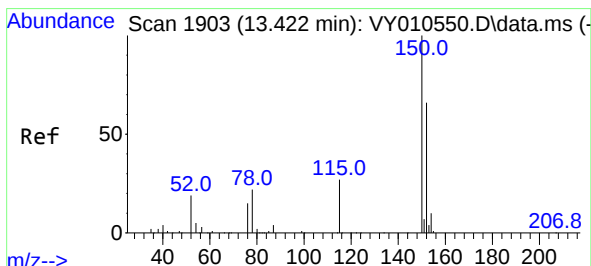
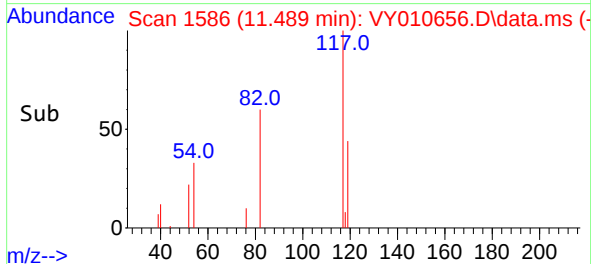
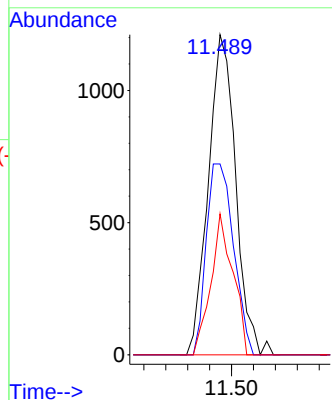
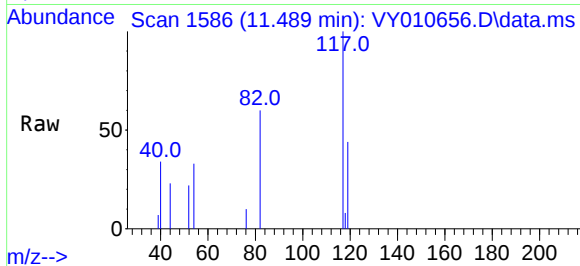




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010656.D
Acq: 23 Sep 2022 18:07

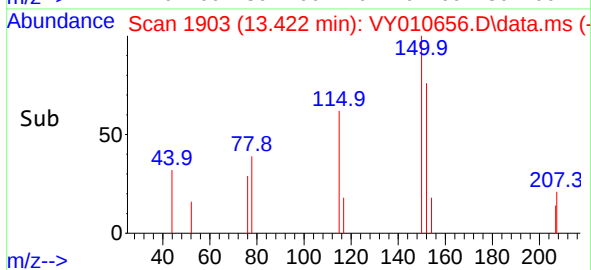
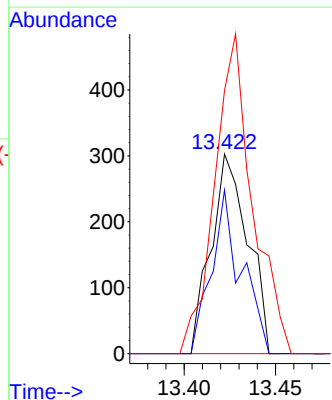
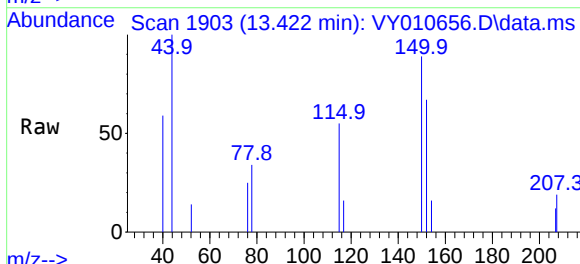
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SB-03-11.5-12.0

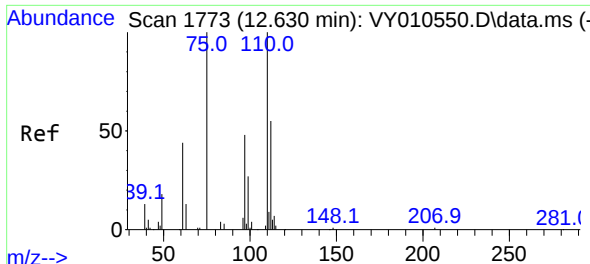
Tgt Ion:	117	Resp:	2097
Ion	Ratio	Lower	Upper
117	100		
82	59.6	43.0	64.4
119	44.0	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010656.D
Acq: 23 Sep 2022 18:07

Tgt Ion:	152	Resp:	426
Ion	Ratio	Lower	Upper
152	100		
115	66.4	28.2	84.7
150	163.8	0.0	347.6

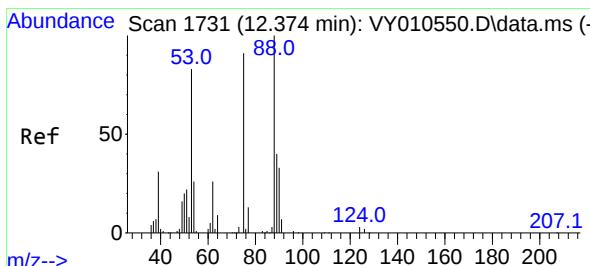
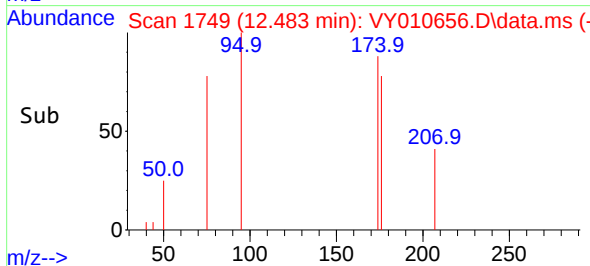
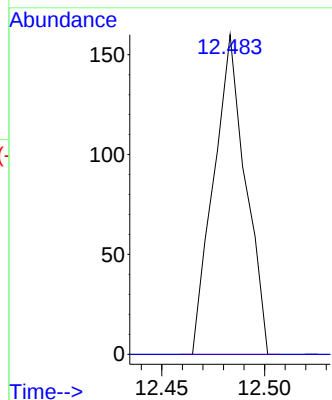
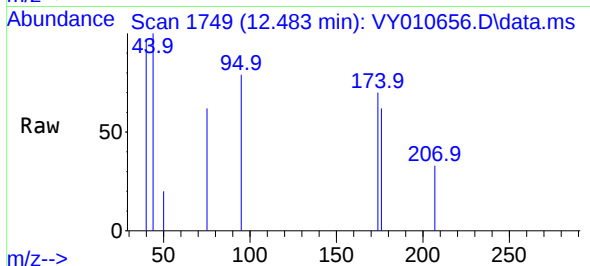




#76
1,2,3-Trichloropropane
Concen: 42.549 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY010656.D
Acq: 23 Sep 2022 18:07

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-11.5-12.0

Tgt Ion: 75 Resp: 173
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 94.605 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY010656.D
Acq: 23 Sep 2022 18:07

Tgt Ion: 75 Resp: 173
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

