

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
 Data File : VY008050.D
 Acq On : 26 Mar 2022 16:49
 Operator : SY/MD
 Sample : N2095-13
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13-9.0-10.0

Quant Time: Mar 28 09:30:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

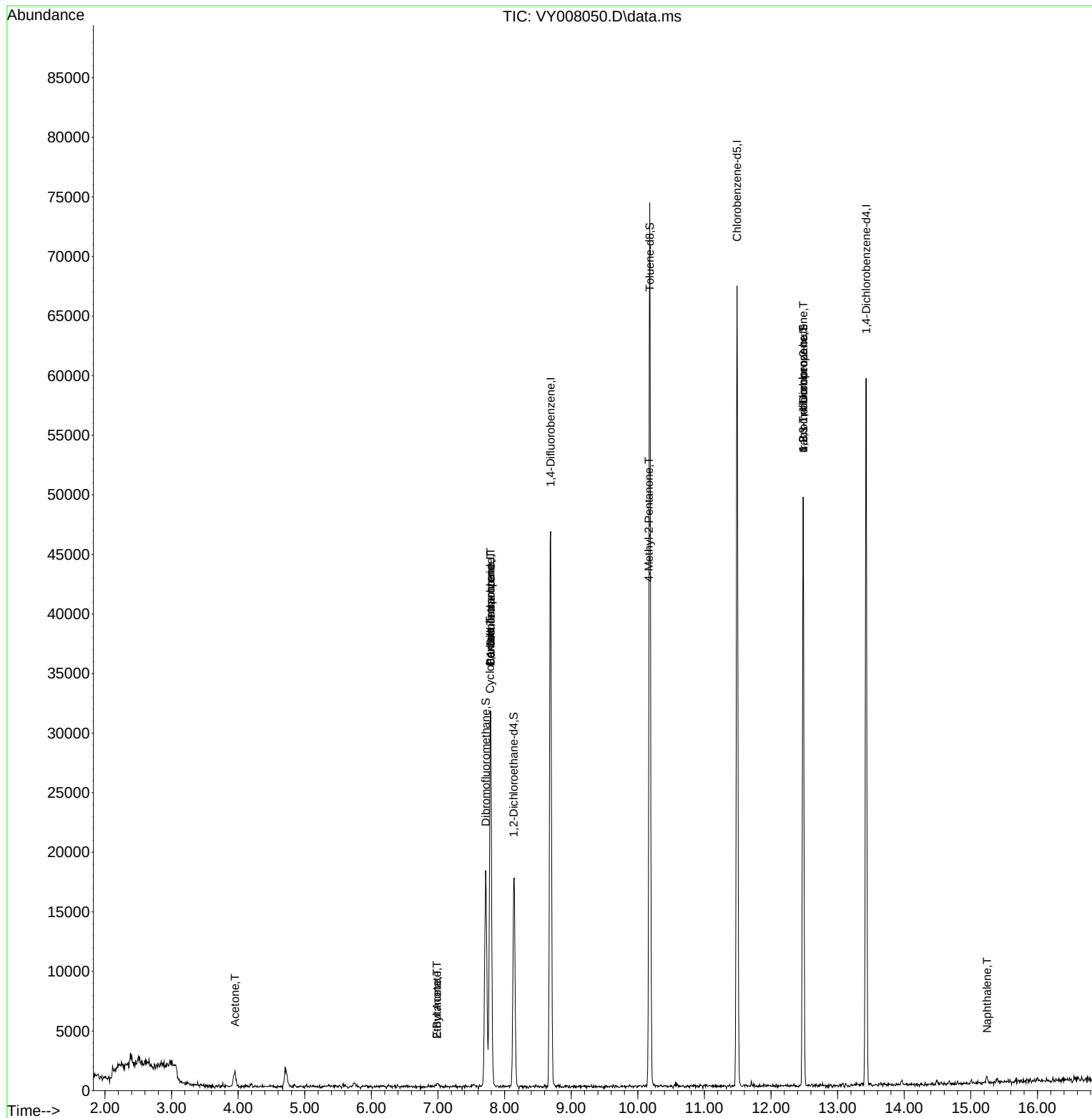
Internal Standards						
1) Pentafluorobenzene	7.789	168	24379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	42570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	36690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	13655	55.827	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.660%
35) Dibromofluoromethane	7.716	113	12866	48.205	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.400%
50) Toluene-d8	10.179	98	49915	49.639	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.280%
62) 4-Bromofluorobenzene	12.483	95	15907	44.838	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.680%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	2217	39.655	ug/l	92
20) Methylene Chloride	4.704	84	1312	Below Cal	#	85
25) 2-Butanone	6.984	43	274	3.221	ug/l #	71
31) Cyclohexane	7.783	56	511	1.118	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	1791	4.272	ug/l #	47
37) Ethyl Acetate	6.984	43	274	1.399	ug/l #	72
38) Carbon Tetrachloride	7.789	117	2480	5.428	ug/l #	16
51) 4-Methyl-2-Pentanone	10.166	43	204	1.052	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	8086	44.240	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	8086	98.705	ug/l #	7
95) Naphthalene	15.245	128	735	1.120	ug/l #	86

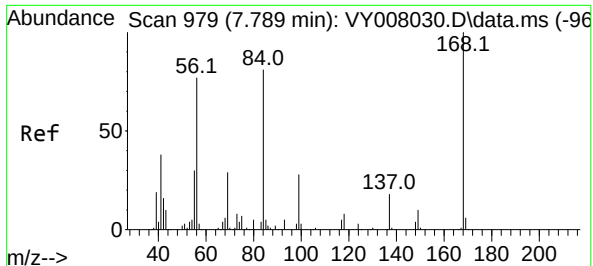
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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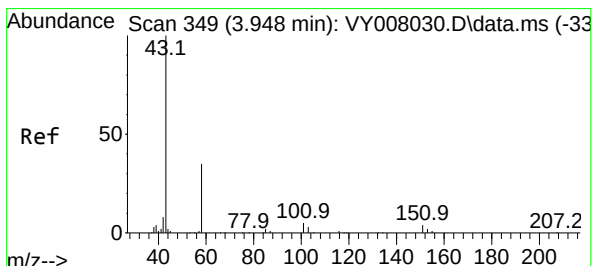
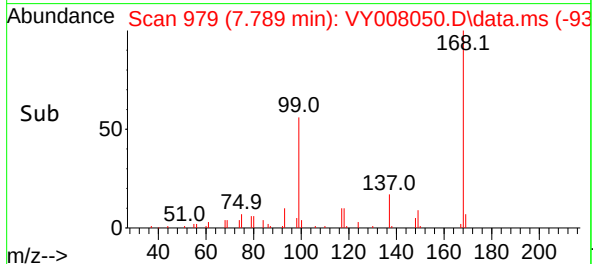
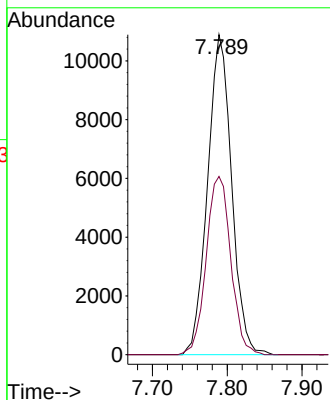
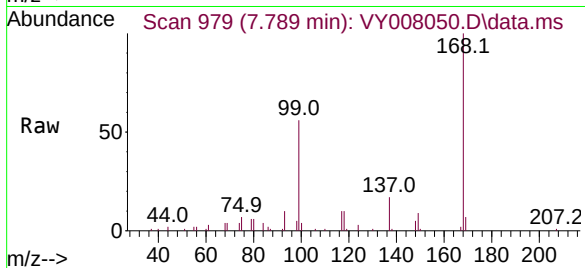




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008050.D
Acq: 26 Mar 2022 16:49

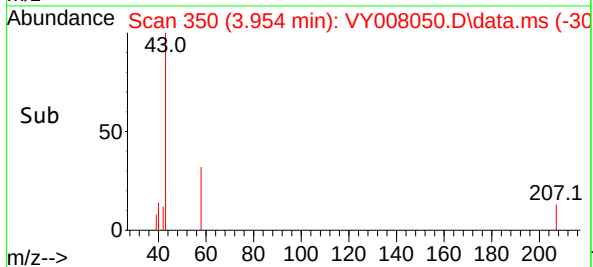
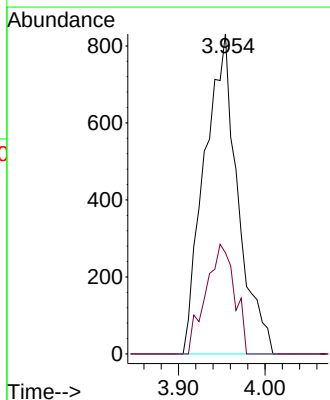
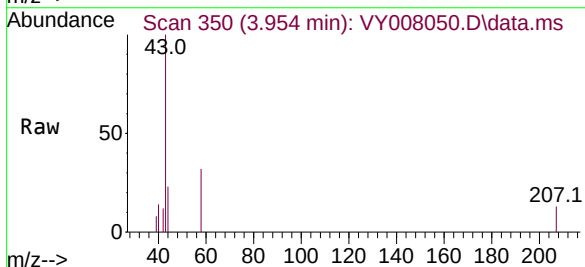
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.0-10.0

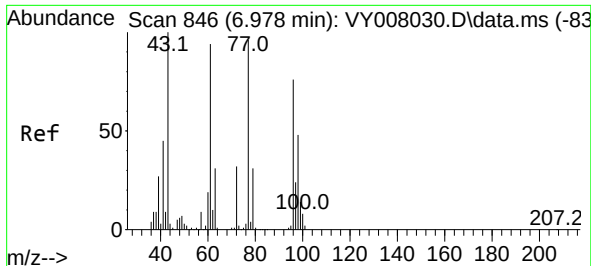
Tgt Ion:168 Resp: 24379
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#16
Acetone
Concen: 39.655 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY008050.D
Acq: 26 Mar 2022 16:49

Tgt Ion: 43 Resp: 2217
Ion Ratio Lower Upper
43 100
58 31.6 22.0 33.0





#25

2-Butanone

Concen: 3.221 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY008050.D

Acq: 26 Mar 2022 16:49

Instrument :

MSVOA_Y

ClientSampleId :

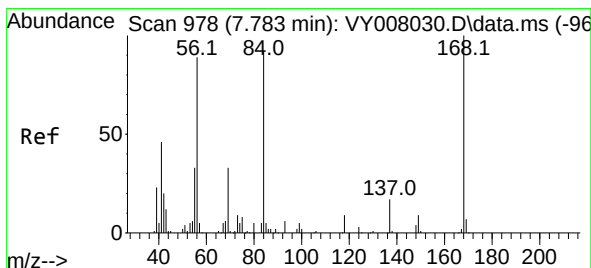
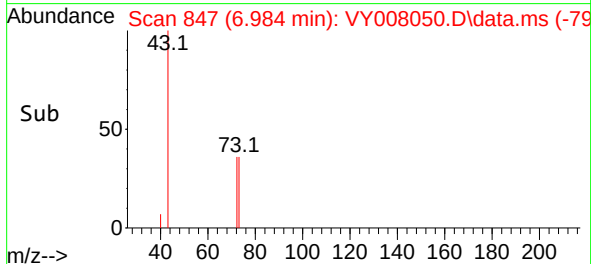
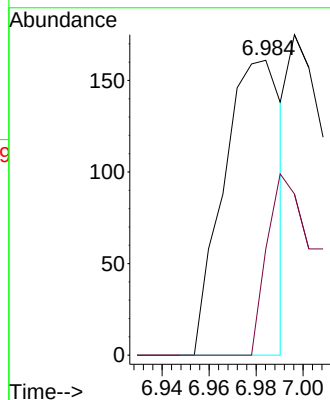
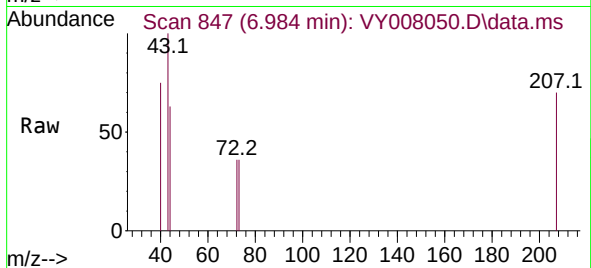
SB-13-9.0-10.0

Tgt Ion: 43 Resp: 274

Ion Ratio Lower Upper

43 100

72 36.0 17.7 26.5#



#31

Cyclohexane

Concen: 1.118 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY008050.D

Acq: 26 Mar 2022 16:49

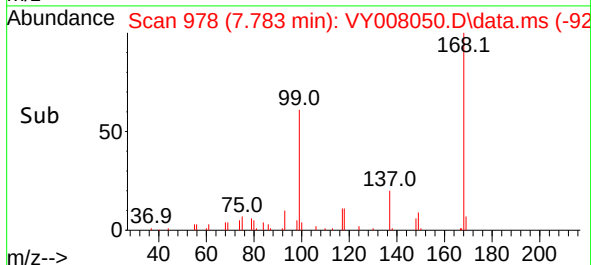
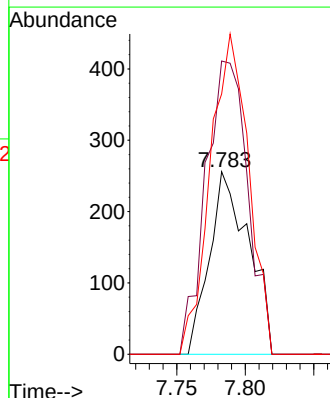
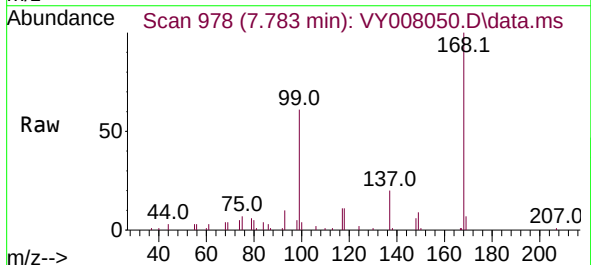
Tgt Ion: 56 Resp: 511

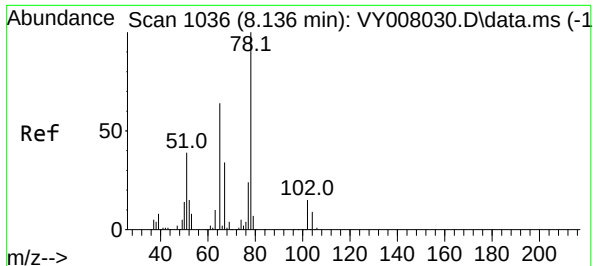
Ion Ratio Lower Upper

56 100

69 160.5 26.7 40.1#

84 142.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.827 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY008050.D

Acq: 26 Mar 2022 16:49

Instrument :

MSVOA_Y

ClientSampleId :

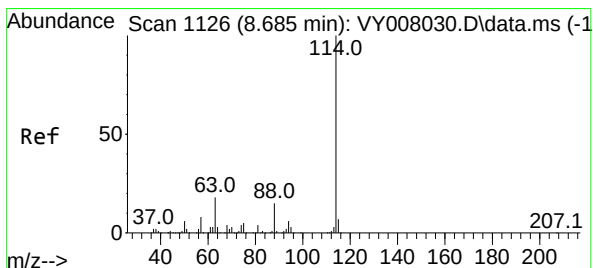
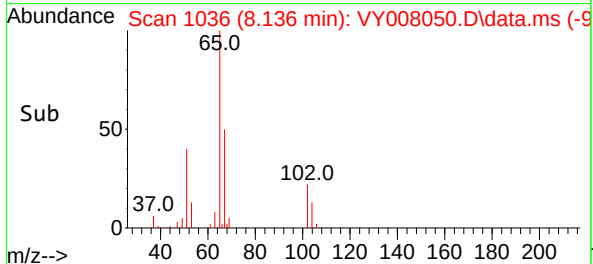
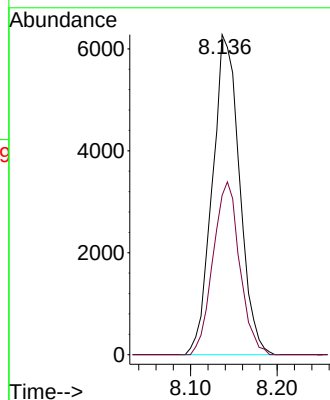
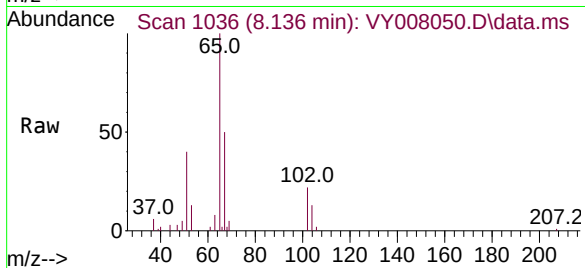
SB-13-9.0-10.0

Tgt Ion: 65 Resp: 13655

Ion Ratio Lower Upper

65 100

67 53.0 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: VY008050.D

Acq: 26 Mar 2022 16:49

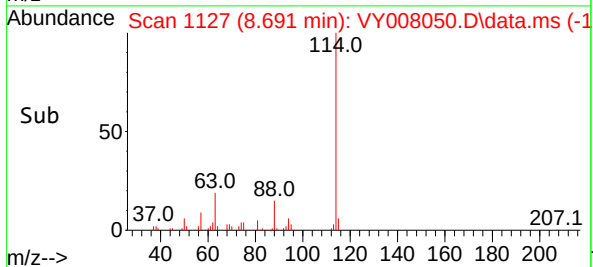
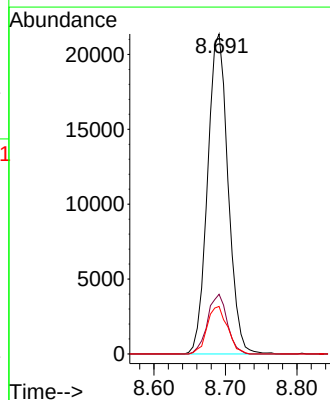
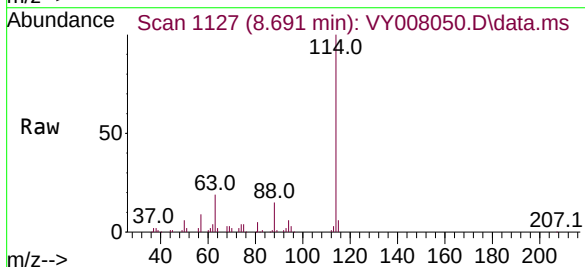
Tgt Ion: 114 Resp: 42570

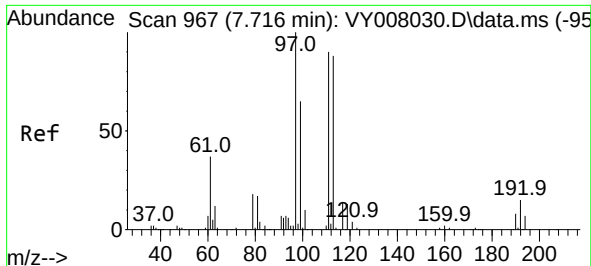
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 14.8 0.0 31.8

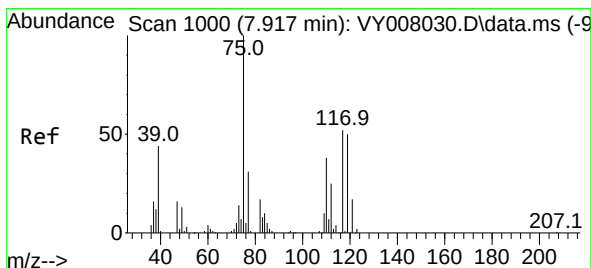
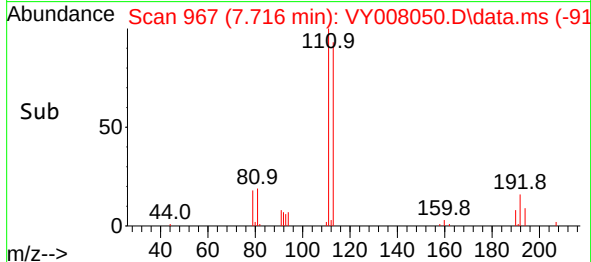
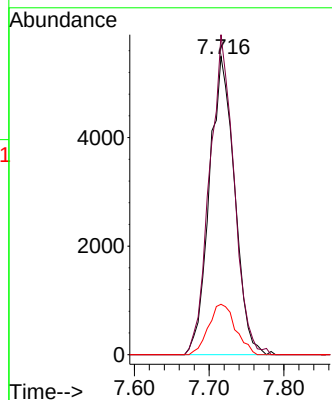
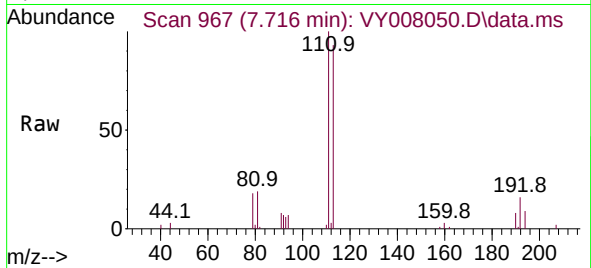




#35
Dibromofluoromethane
Concen: 48.205 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY008050.D
Acq: 26 Mar 2022 16:49

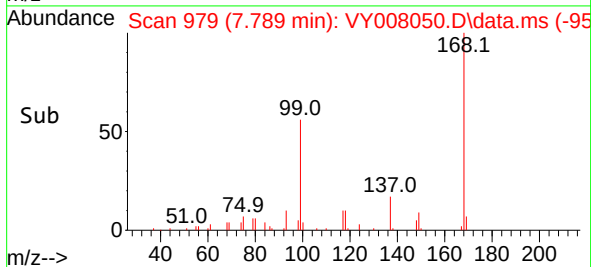
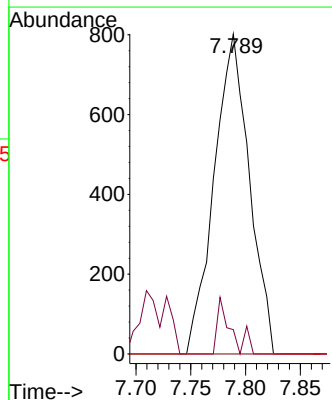
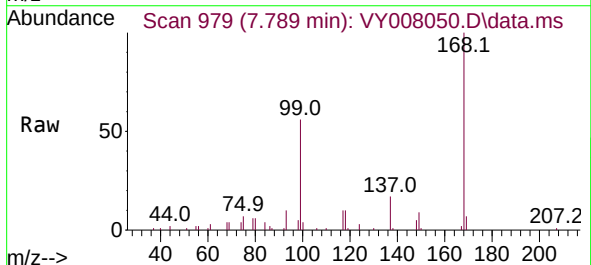
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.0-10.0

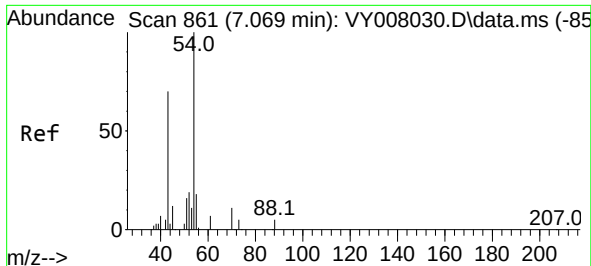
Tgt Ion:113 Resp: 12866
Ion Ratio Lower Upper
113 100
111 104.1 82.6 124.0
192 18.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.272 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008050.D
Acq: 26 Mar 2022 16:49

Tgt Ion: 75 Resp: 1791
Ion Ratio Lower Upper
75 100
110 5.5 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.399 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.085 min

Lab File: VY008050.D

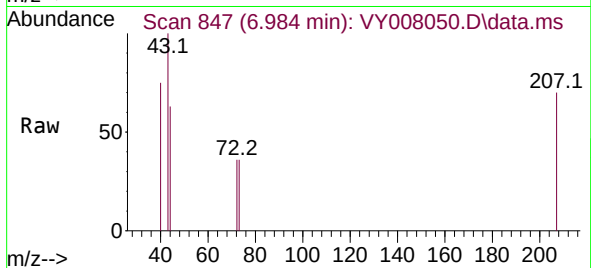
Acq: 26 Mar 2022 16:49

Instrument :

MSVOA_Y

ClientSampleId :

SB-13-9.0-10.0



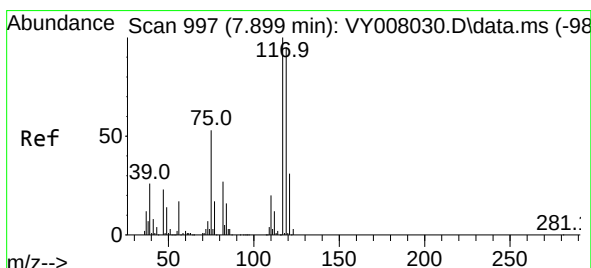
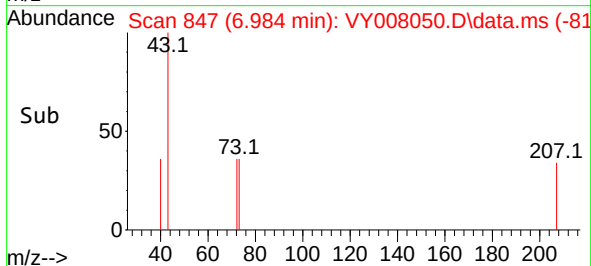
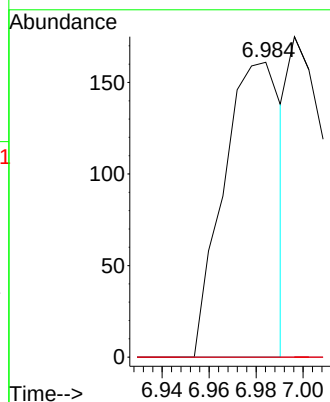
Tgt Ion: 43 Resp: 274

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.428 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008050.D

Acq: 26 Mar 2022 16:49

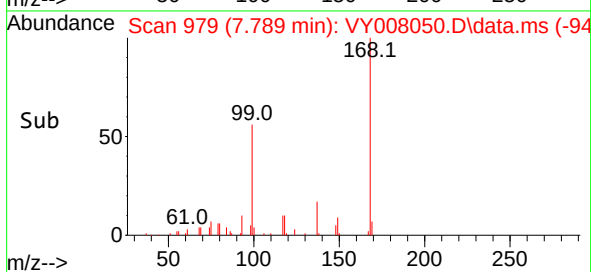
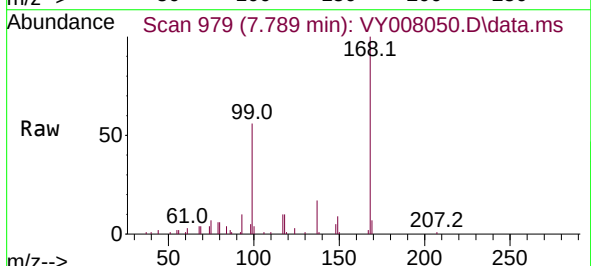
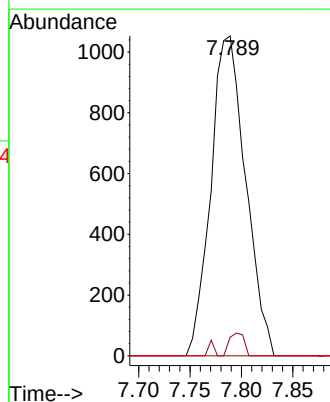
Tgt Ion: 117 Resp: 2480

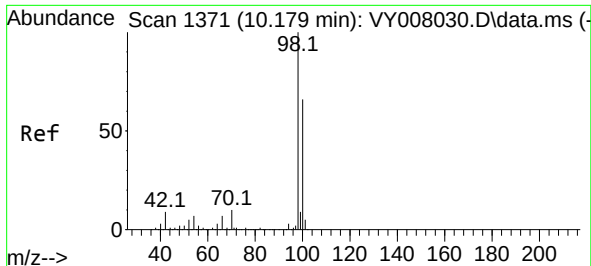
Ion Ratio Lower Upper

117 100

119 5.8 77.9 116.9#

121 0.0 24.8 37.2#

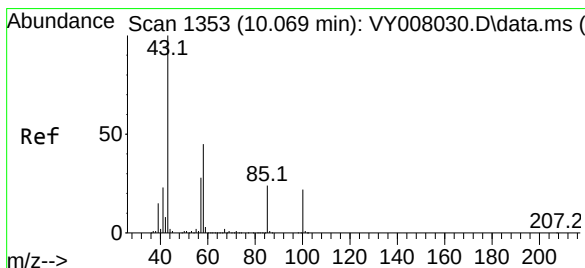
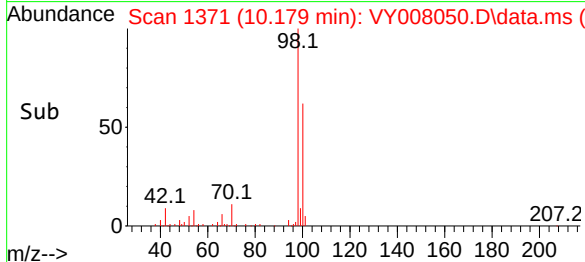
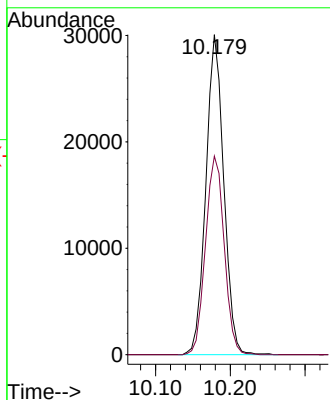
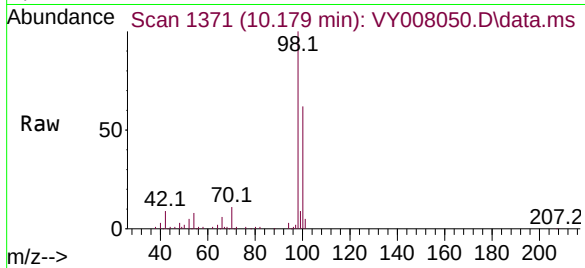




#50
Toluene-d8
Concen: 49.639 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008050.D
Acq: 26 Mar 2022 16:49

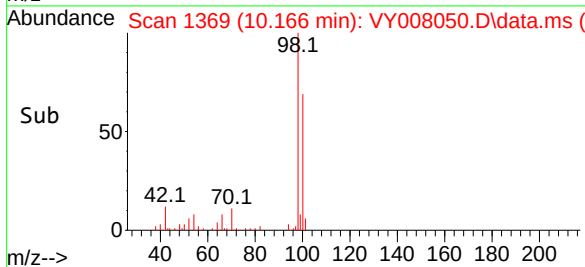
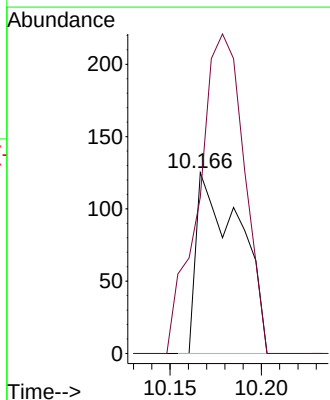
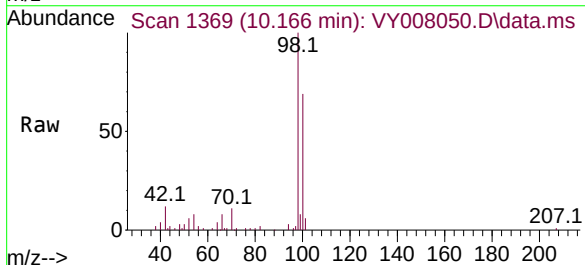
Instrument :
MSVOA_Y
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SB-13-9.0-10.0

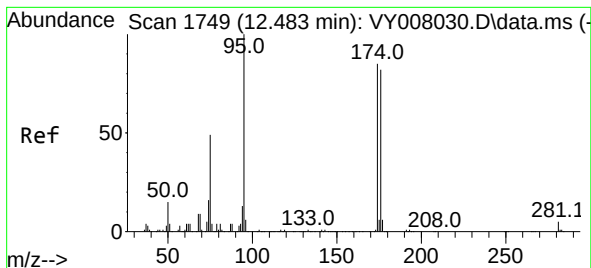
Tgt Ion: 98 Resp: 49915
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.052 ug/l
RT: 10.166 min Scan# 1369
Delta R.T. 0.097 min
Lab File: VY008050.D
Acq: 26 Mar 2022 16:49

Tgt Ion: 43 Resp: 204
Ion Ratio Lower Upper
43 100
58 187.7 28.1 42.1#

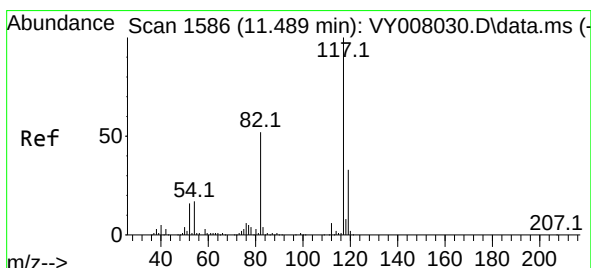
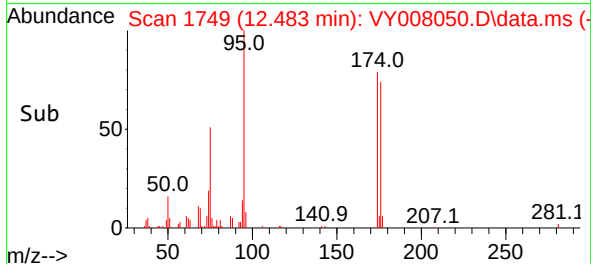
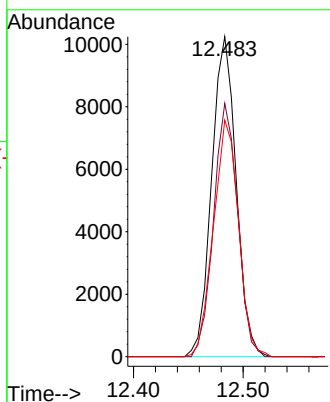
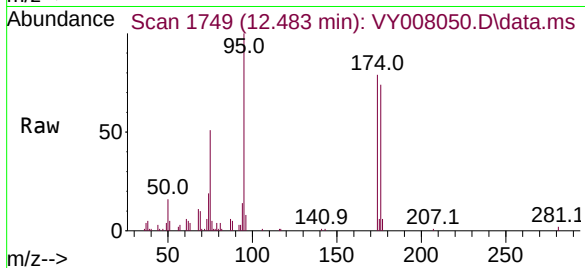




#62
4-Bromofluorobenzene
Concen: 44.838 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008050.D
Acq: 26 Mar 2022 16:49

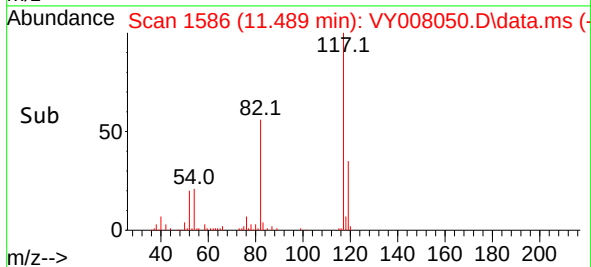
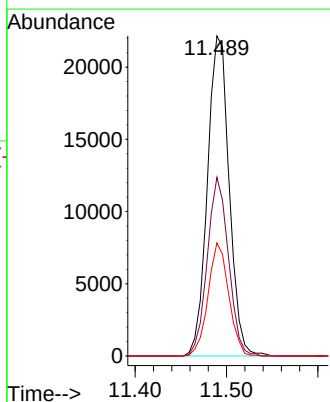
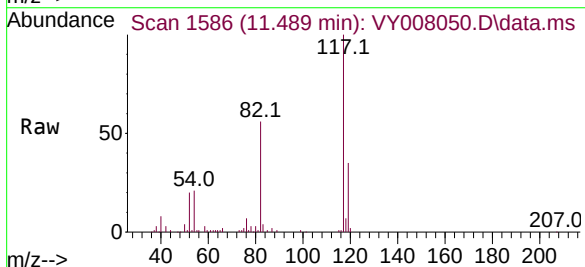
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.0-10.0

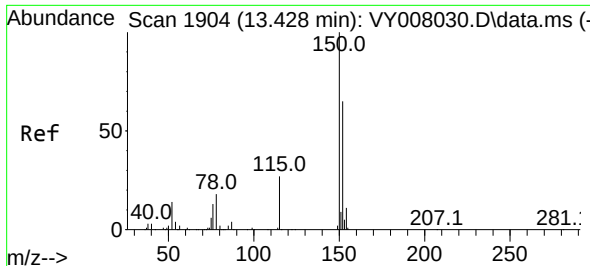
Tgt Ion: 95 Resp: 15907
Ion Ratio Lower Upper
95 100
174 77.5 0.0 177.0
176 75.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008050.D
Acq: 26 Mar 2022 16:49

Tgt Ion: 117 Resp: 36690
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 35.3 25.4 38.0

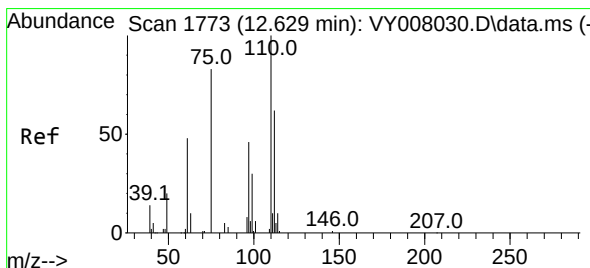
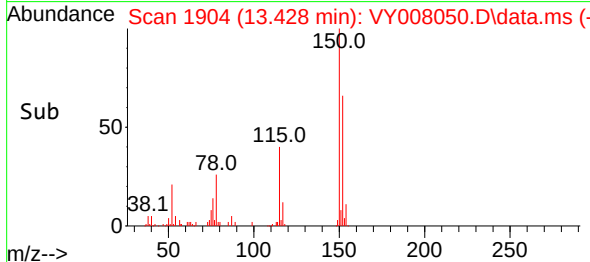
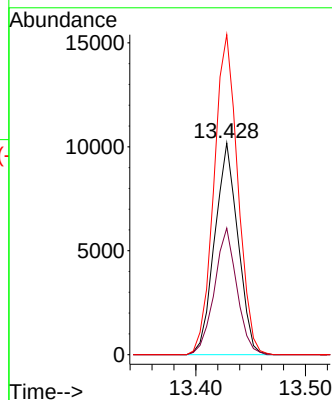
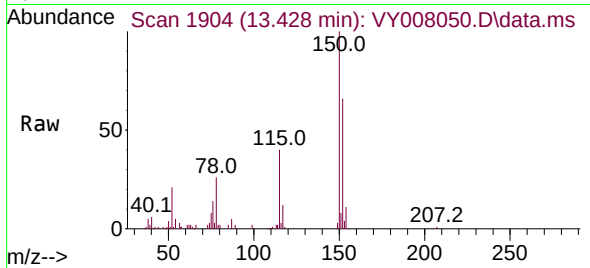




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008050.D
 Acq: 26 Mar 2022 16:49

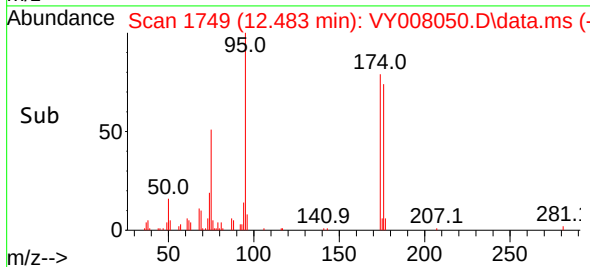
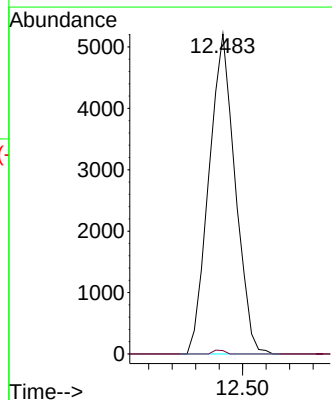
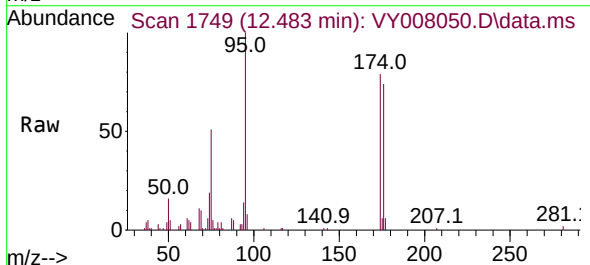
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13-9.0-10.0

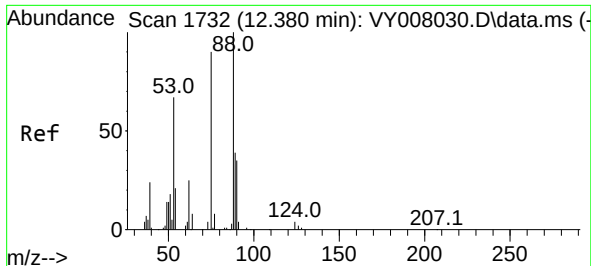
Tgt Ion:152 Resp: 14994
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.2 84.7
 150 155.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 44.240 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008050.D
 Acq: 26 Mar 2022 16:49

Tgt Ion: 75 Resp: 8086
 Ion Ratio Lower Upper
 75 100
 77 0.5 0.0 0.0#

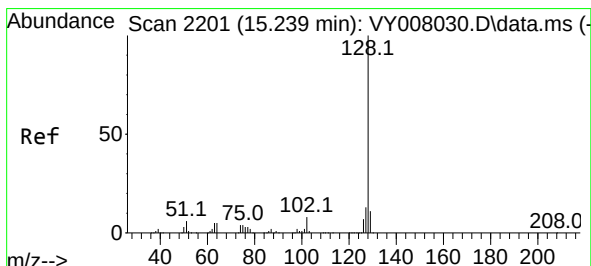
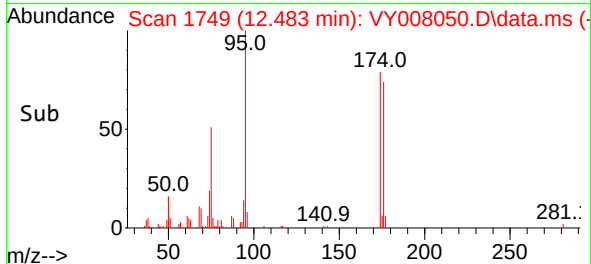
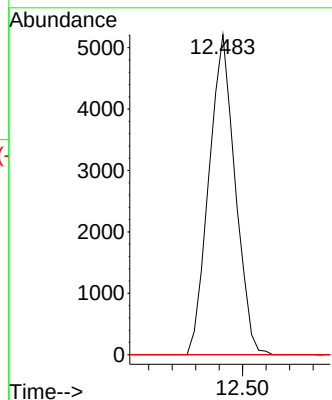
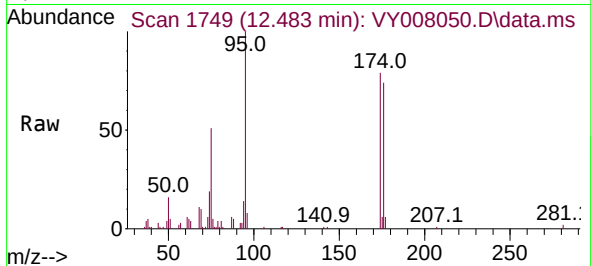




#81
trans-1,4-Dichloro-2-butene
Concen: 98.705 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY008050.D
Acq: 26 Mar 2022 16:49

Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.0-10.0

Tgt Ion: 75 Resp: 8086
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 1.120 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY008050.D
Acq: 26 Mar 2022 16:49

Tgt Ion: 128 Resp: 735
Ion Ratio Lower Upper
128 100
127 6.9 11.0 16.4#
129 6.5 8.4 12.6#

