

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010334.D
 Acq On : 03 Sep 2022 20:39
 Operator : KP/MD
 Sample : N4501-11
 Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13-9.5-10.0

Quant Time: Sep 05 04:24:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

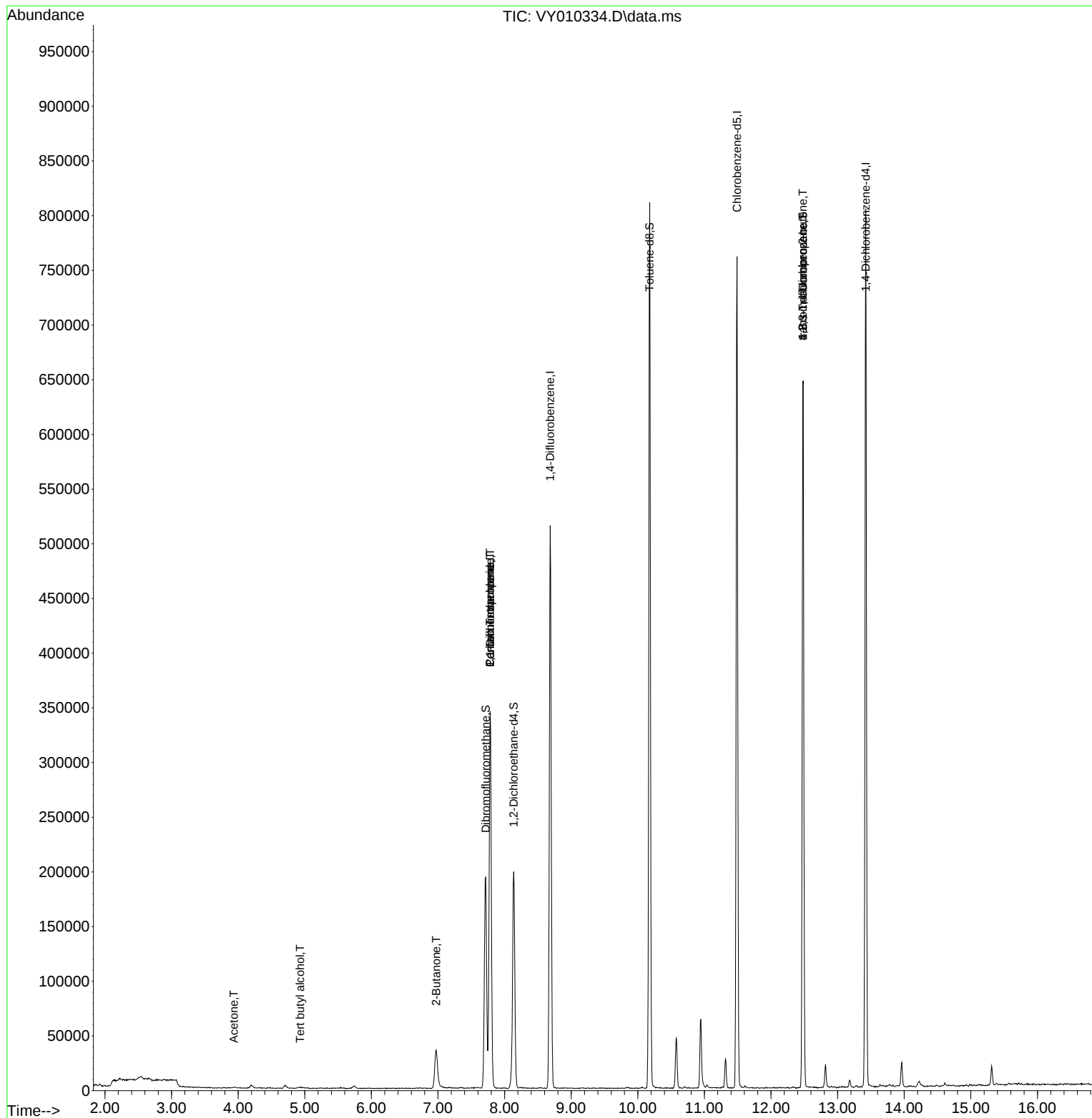
Internal Standards						
1) Pentafluorobenzene	7.783	168	277221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	452147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	429257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	208823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	152592	53.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.360%	
35) Dibromofluoromethane	7.716	113	139584	46.373	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.740%	
50) Toluene-d8	10.179	98	532605	52.850	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.700%	
62) 4-Bromofluorobenzene	12.477	95	194320	47.880	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.760%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	452	Below Cal	#	44
11) Tert butyl alcohol	4.930	59	1573	4.625	ug/l #	77
16) Acetone	3.936	43	1351	1.901	ug/l	98
25) 2-Butanone	6.972	43	2432	2.085	ug/l	93
36) 1,1-Dichloropropene	7.783	75	20433	4.627	ug/l #	51
38) Carbon Tetrachloride	7.783	117	26478	5.817	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	98891	39.794	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	98891	83.015	ug/l #	7

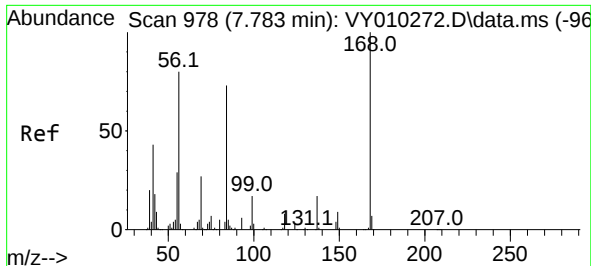
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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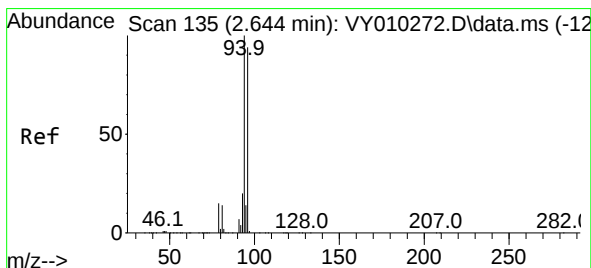
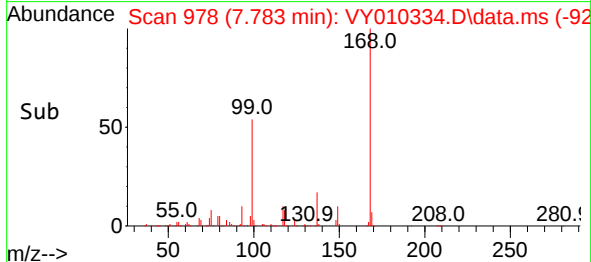
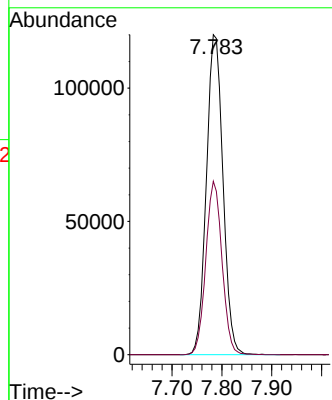
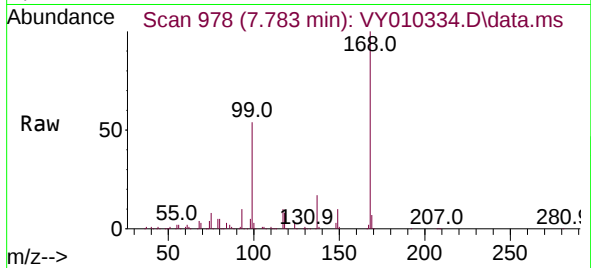




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010334.D
Acq: 03 Sep 2022 20:39

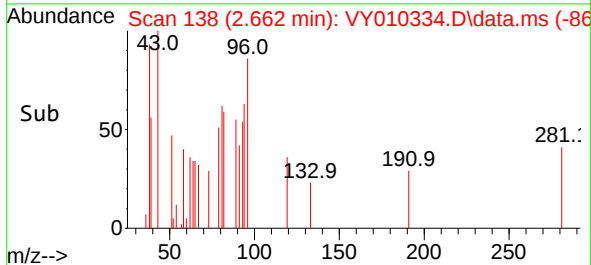
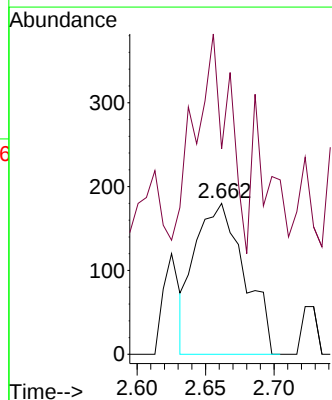
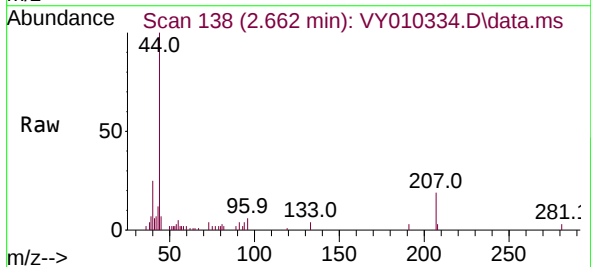
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.5-10.0

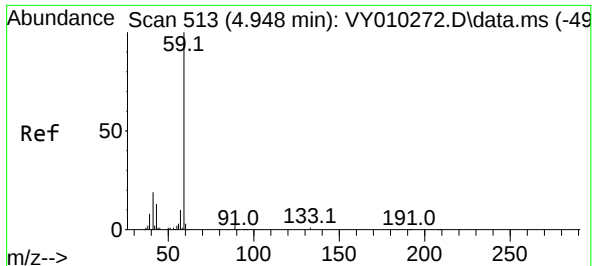
Tgt Ion:168 Resp: 277221
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.018 min
Lab File: VY010334.D
Acq: 03 Sep 2022 20:39

Tgt Ion: 94 Resp: 452
Ion Ratio Lower Upper
94 100
96 38.9 73.5 110.3#





#11

Tert butyl alcohol

Concen: 4.625 ug/l

RT: 4.930 min Scan# 513

Delta R.T. -0.018 min

Lab File: VY010334.D

Acq: 03 Sep 2022 20:39

Instrument :

MSVOA_Y

ClientSampleId :

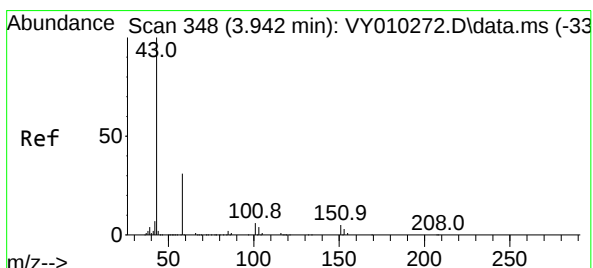
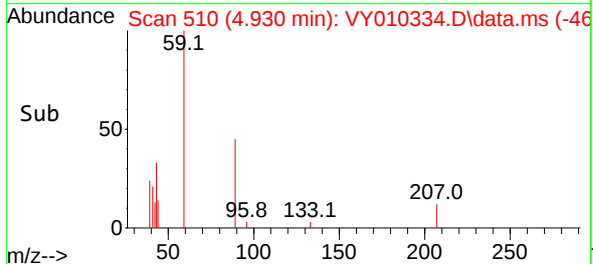
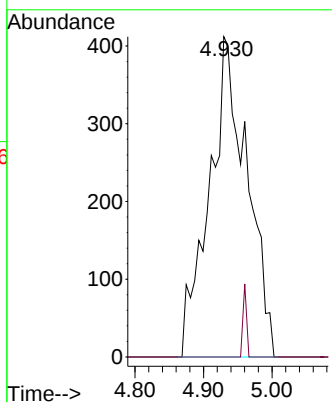
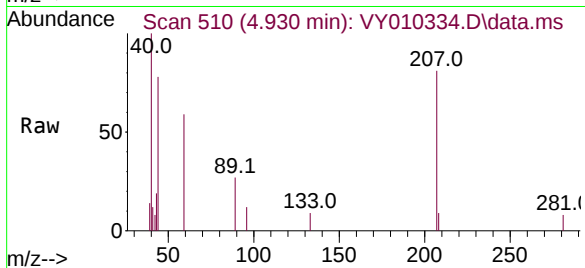
SB-13-9.5-10.0

Tgt Ion: 59 Resp: 1573

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.901 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.006 min

Lab File: VY010334.D

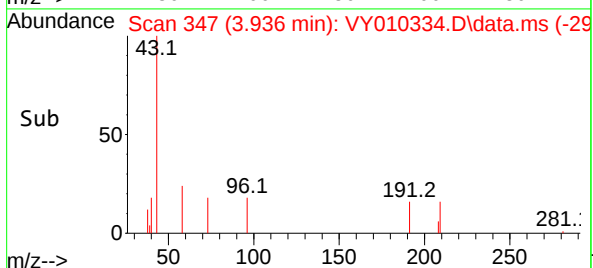
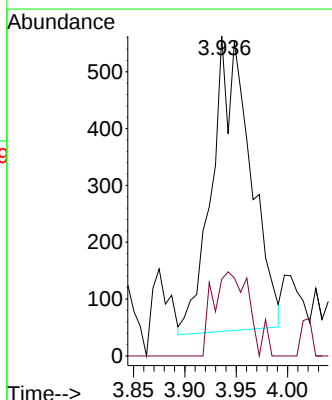
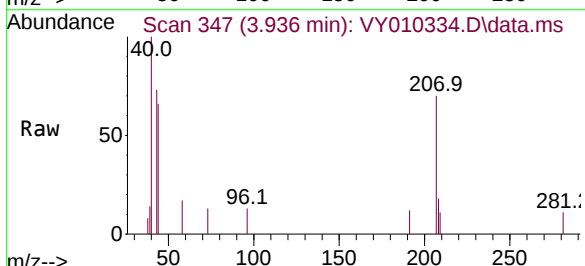
Acq: 03 Sep 2022 20:39

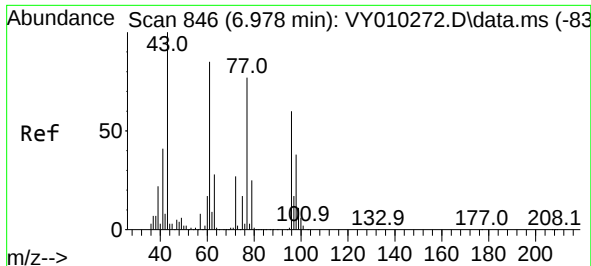
Tgt Ion: 43 Resp: 1351

Ion Ratio Lower Upper

43 100

58 26.4 22.0 33.0

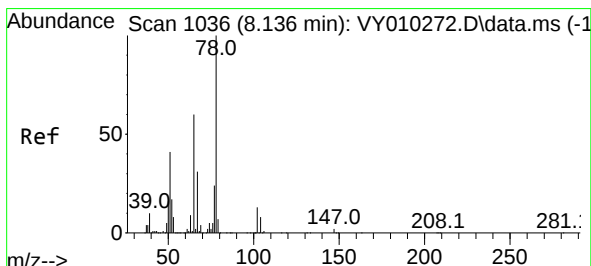
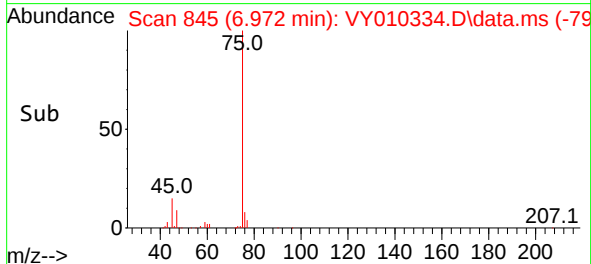
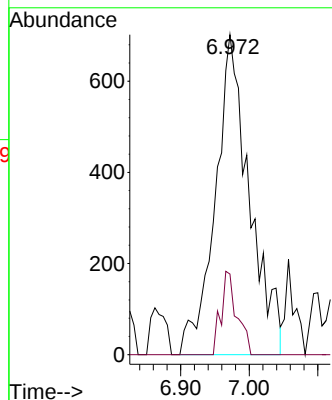
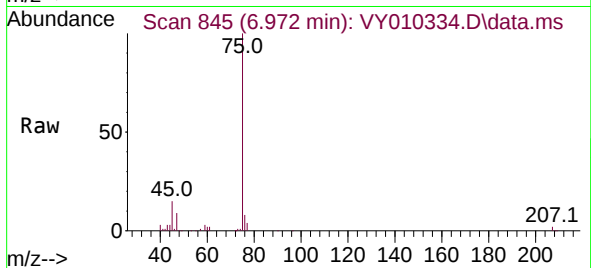




#25
2-Butanone
Concen: 2.085 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY010334.D
Acq: 03 Sep 2022 20:39

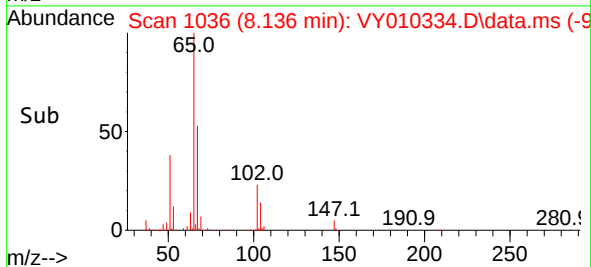
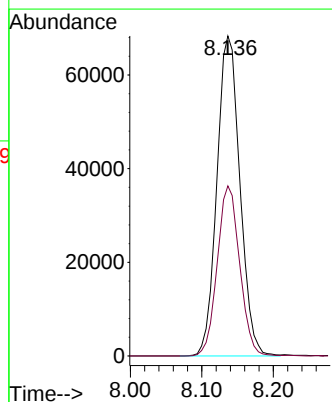
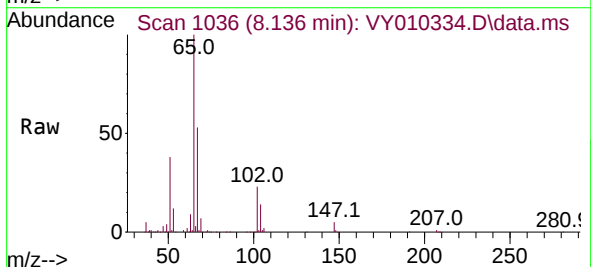
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.5-10.0

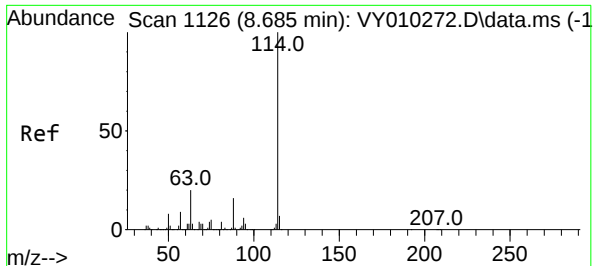
Tgt Ion: 43 Resp: 2432
Ion Ratio Lower Upper
43 100
72 25.2 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 53.681 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010334.D
Acq: 03 Sep 2022 20:39

Tgt Ion: 65 Resp: 152592
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010334.D

Acq: 03 Sep 2022 20:39

Instrument :

MSVOA_Y

ClientSampleId :

SB-13-9.5-10.0

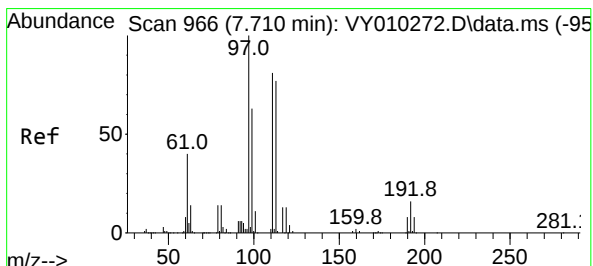
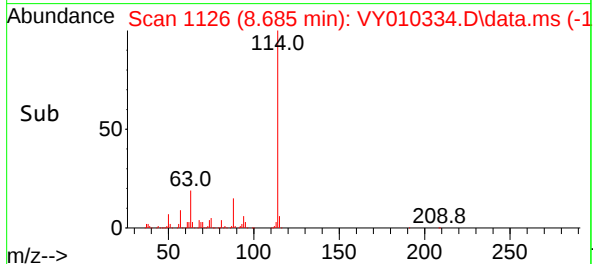
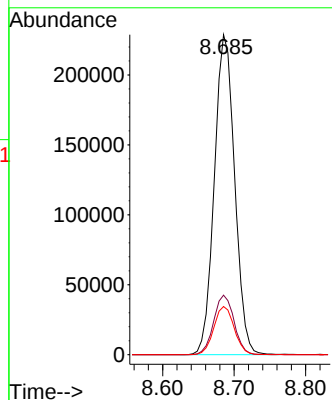
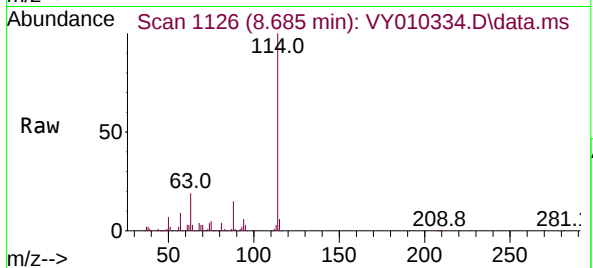
Tgt Ion:114 Resp: 452147

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.373 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010334.D

Acq: 03 Sep 2022 20:39

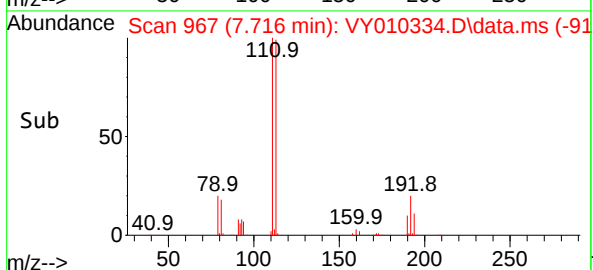
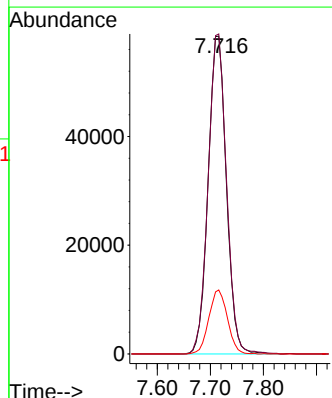
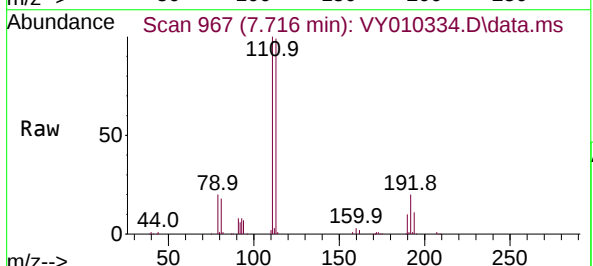
Tgt Ion:113 Resp: 139584

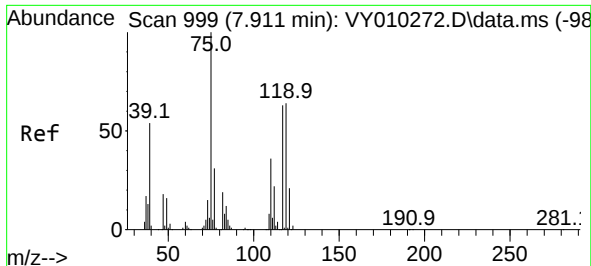
Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

192 20.6 17.6 26.4

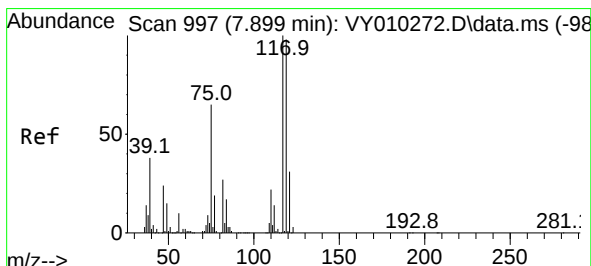
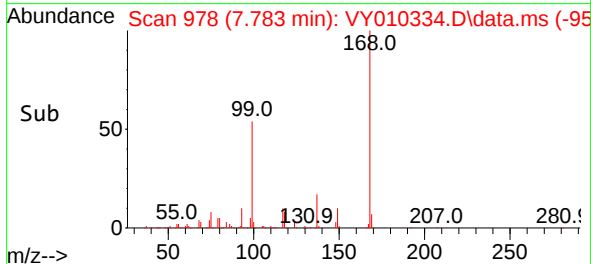
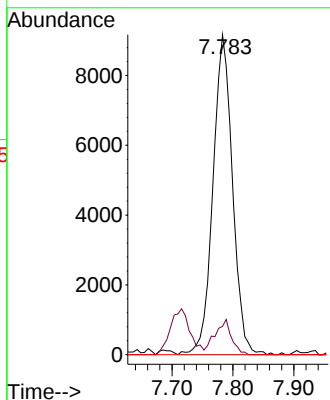
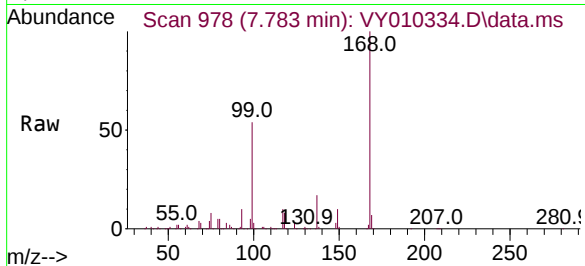




#36
 1,1-Dichloropropene
 Concen: 4.627 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY010334.D
 Acq: 03 Sep 2022 20:39

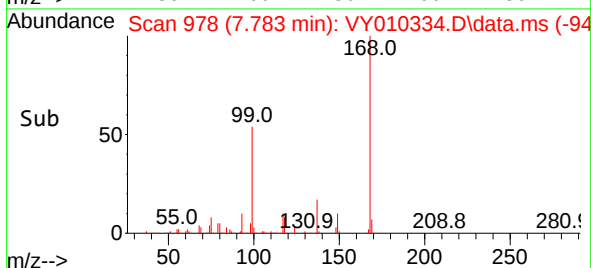
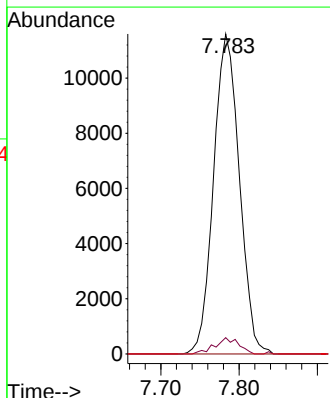
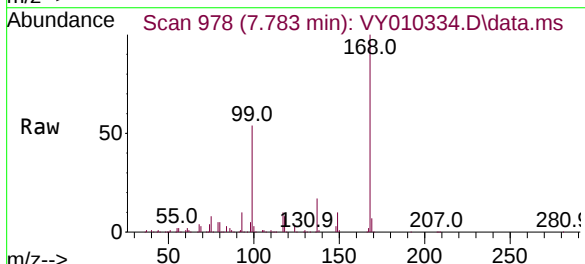
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13-9.5-10.0

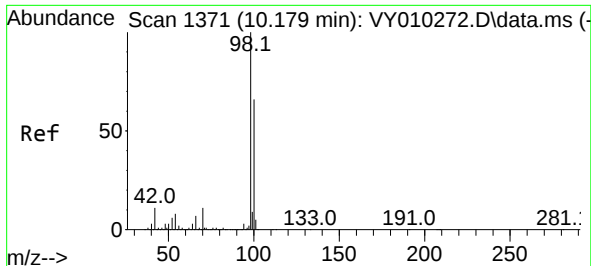
Tgt Ion: 75 Resp: 20433
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.817 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY010334.D
 Acq: 03 Sep 2022 20:39

Tgt Ion: 117 Resp: 26478
 Ion Ratio Lower Upper
 117 100
 119 5.1 77.9 116.9#
 121 0.0 24.8 37.2#

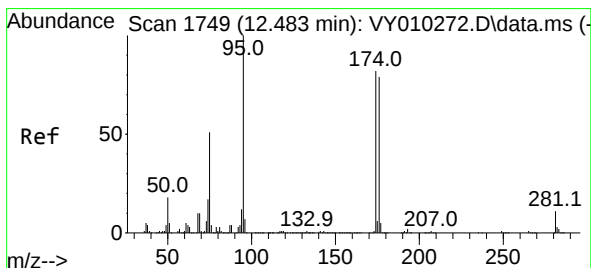
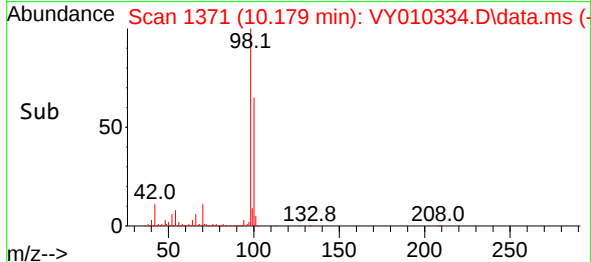
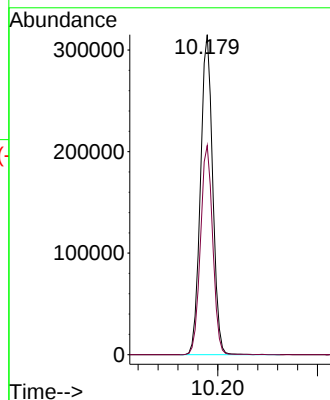
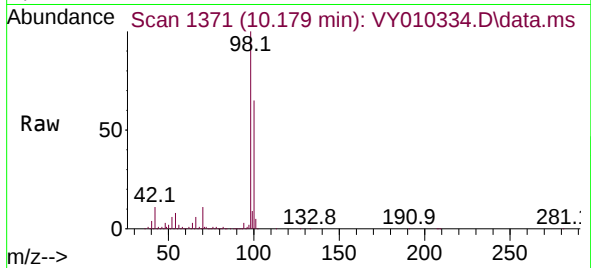




#50
Toluene-d8
Concen: 52.850 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010334.D
Acq: 03 Sep 2022 20:39

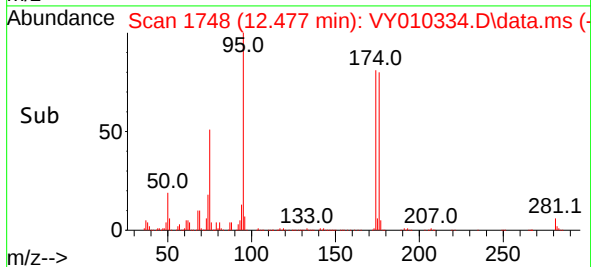
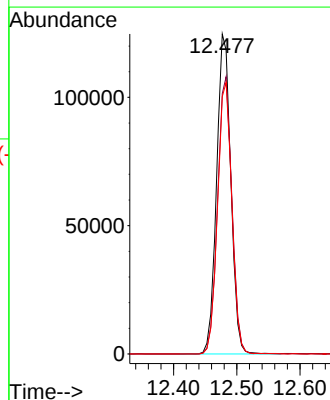
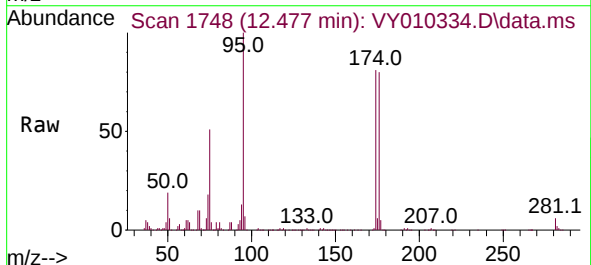
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.5-10.0

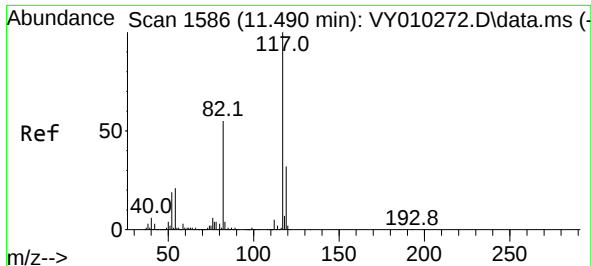
Tgt Ion: 98 Resp: 532605
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.880 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010334.D
Acq: 03 Sep 2022 20:39

Tgt Ion: 95 Resp: 194320
Ion Ratio Lower Upper
95 100
174 87.2 0.0 177.0
176 85.3 0.0 175.8

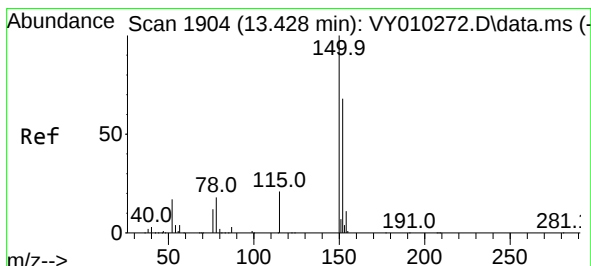
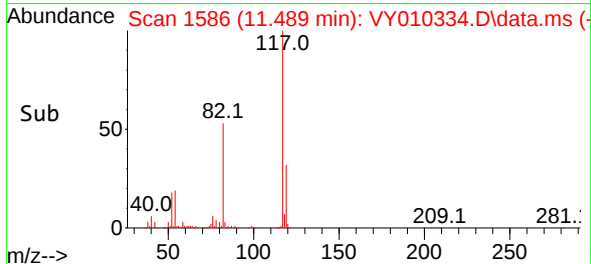
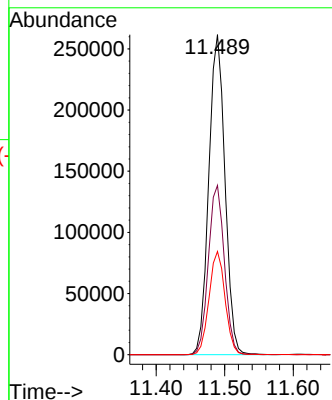
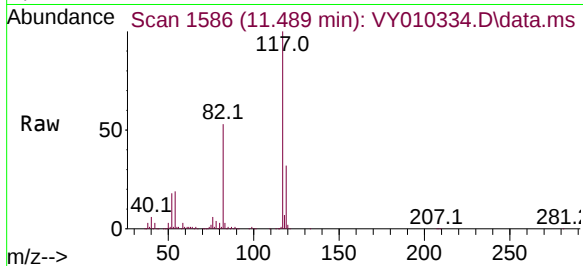




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010334.D
Acq: 03 Sep 2022 20:39

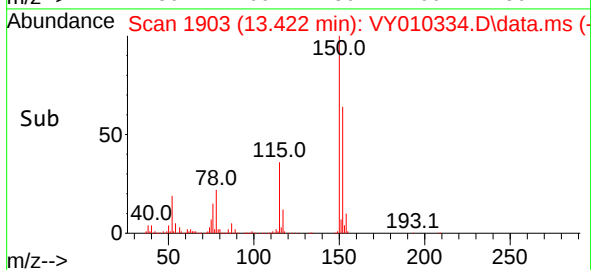
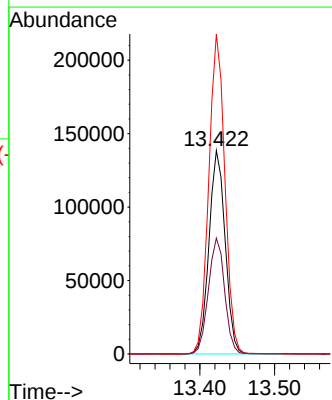
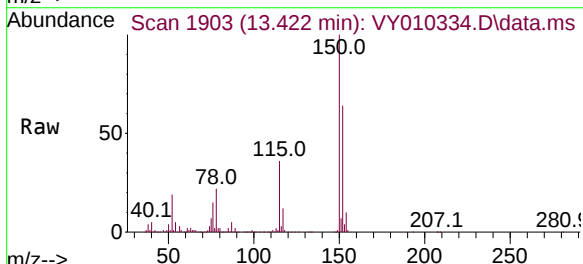
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.5-10.0

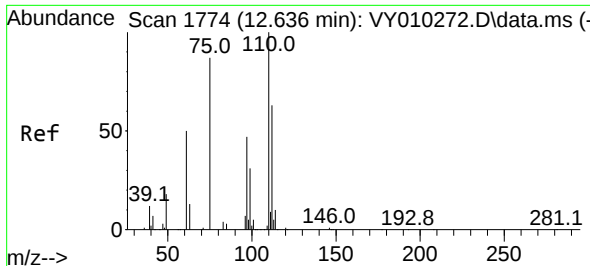
Tgt Ion:117 Resp: 429257
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY010334.D
Acq: 03 Sep 2022 20:39

Tgt Ion:152 Resp: 208823
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 156.1 0.0 347.6

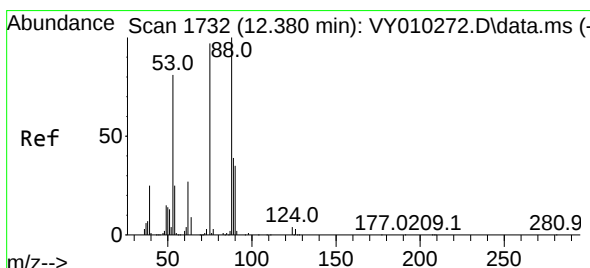
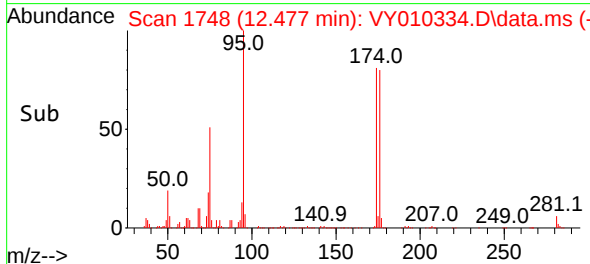
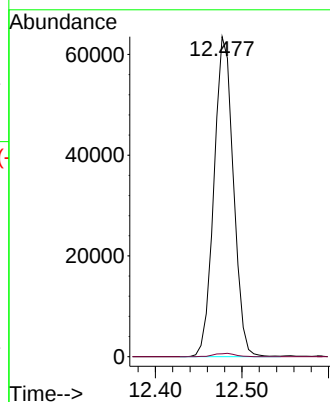
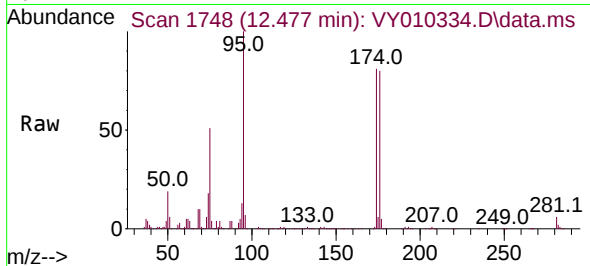




#76
1,2,3-Trichloropropane
Concen: 39.794 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY010334.D
Acq: 03 Sep 2022 20:39

Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.5-10.0

Tgt Ion: 75 Resp: 98891
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.015 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010334.D
Acq: 03 Sep 2022 20:39

Tgt Ion: 75 Resp: 98891
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

