

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
 Data File : VY008295.D
 Acq On : 12 Apr 2022 18:06
 Operator : KP/MD
 Sample : N2364-07
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-14.5-15.0

Quant Time: Apr 13 08:16:31 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)

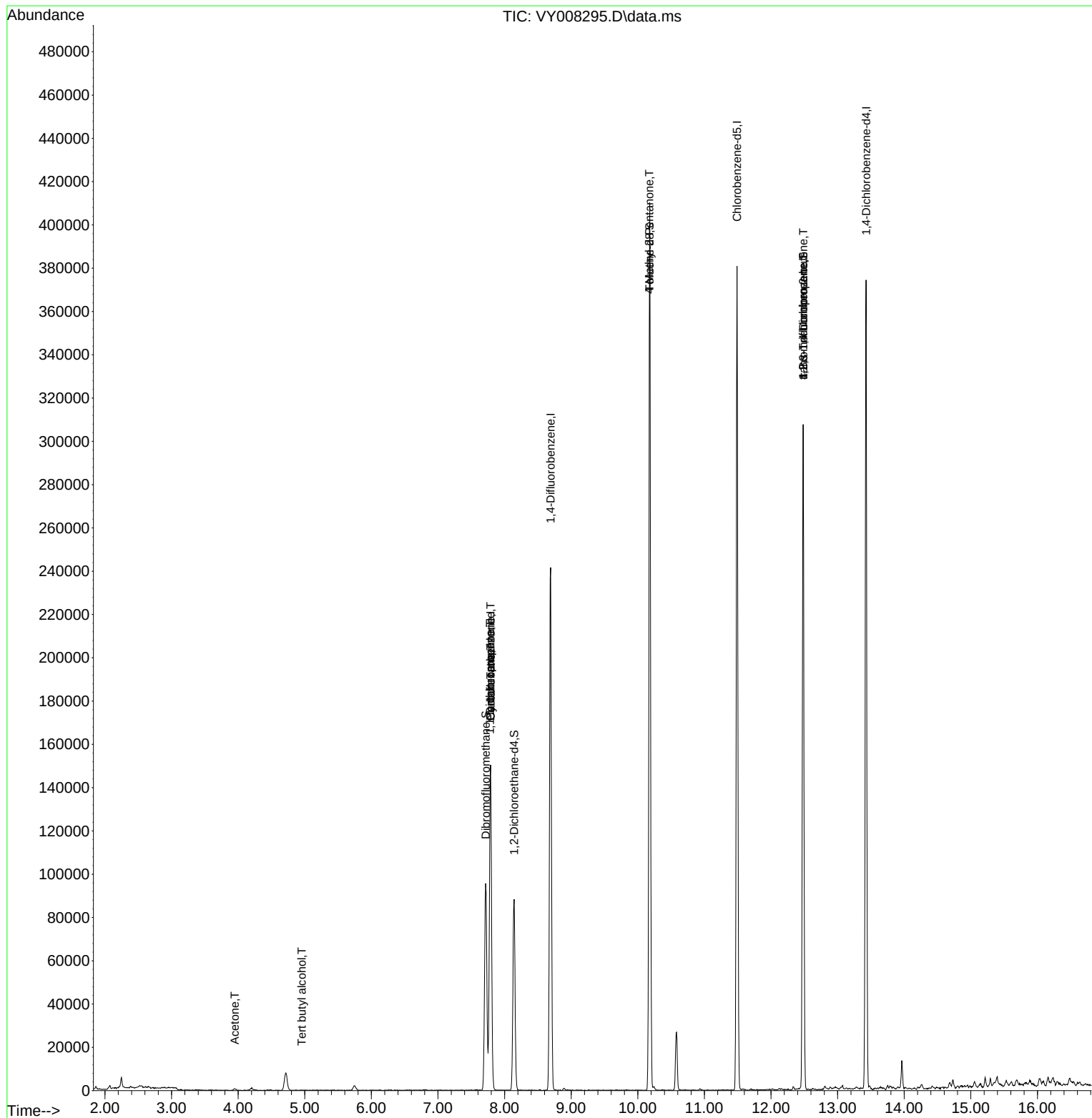
Internal Standards						
1) Pentafluorobenzene	7.789	168	118971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	219097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	211338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68739	61.510	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.020%	
35) Dibromofluoromethane	7.716	113	68797	54.365	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.720%	
50) Toluene-d8	10.179	98	268197	61.937	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.880%	
62) 4-Bromofluorobenzene	12.483	95	92283	56.661	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.320%	
Target Compounds						Qvalue
3) Chloromethane	2.119	50	236	Below Cal	#	44
5) Bromomethane	2.656	94	161	Below Cal	#	62
11) Tert butyl alcohol	4.954	59	152	1.272	ug/l #	77
16) Acetone	3.948	43	1160	4.316	ug/l	94
18) Methyl Acetate	4.479	43	175	Below Cal	#	56
20) Methylene Chloride	4.722	84	6717	Below Cal	#	75
31) Cyclohexane	7.789	56	2452	1.213	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	9086	4.496	ug/l #	52
38) Carbon Tetrachloride	7.789	117	11973	5.507	ug/l #	15
51) 4-Methyl-2-Pentanone	10.173	43	1053	1.055	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	48243	45.443	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48243	101.676	ug/l #	7

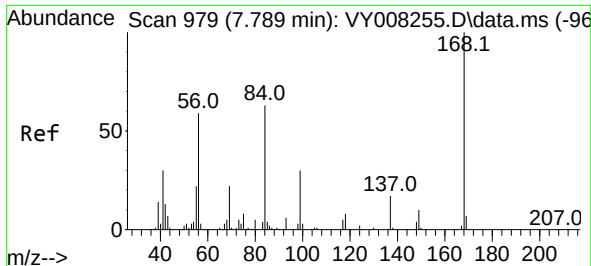
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
Data File : VY008295.D
Acq On : 12 Apr 2022 18:06
Operator : KP/MD
Sample : N2364-07
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-09-14.5-15.0

Quant Time: Apr 13 08:16:31 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

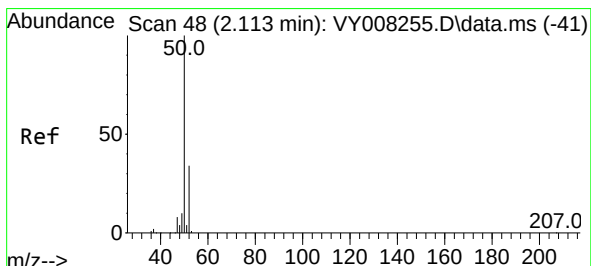
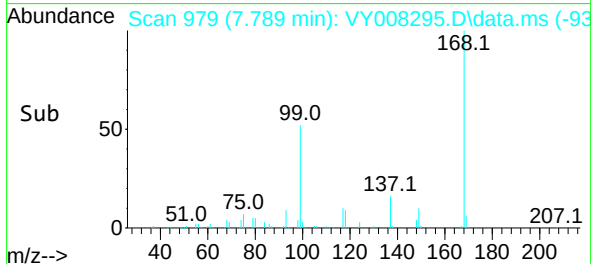
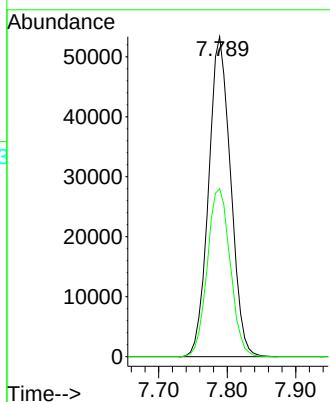
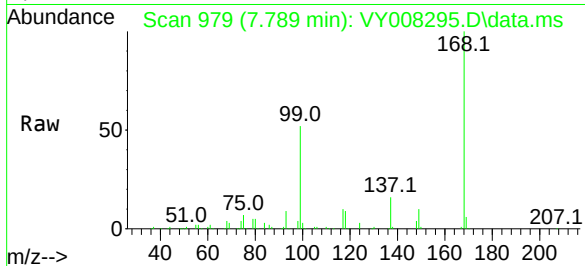




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008295.D
Acq: 12 Apr 2022 18:06

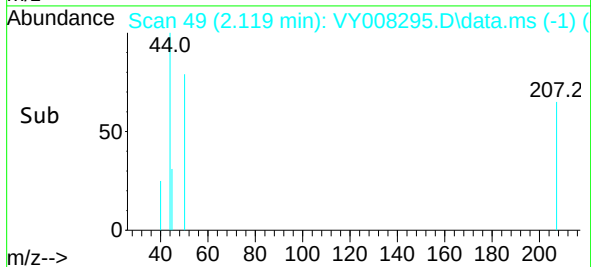
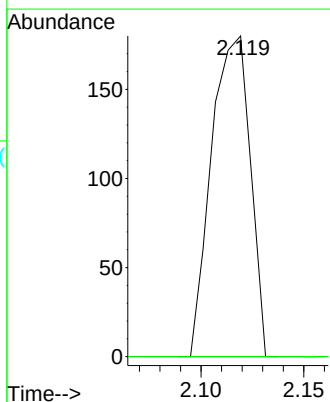
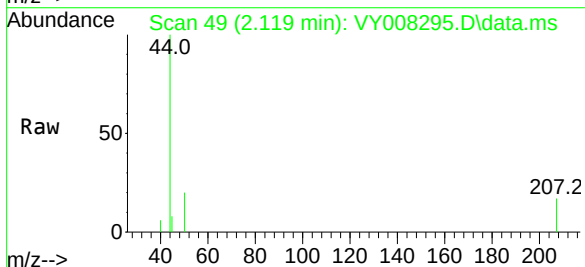
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-14.5-15.0

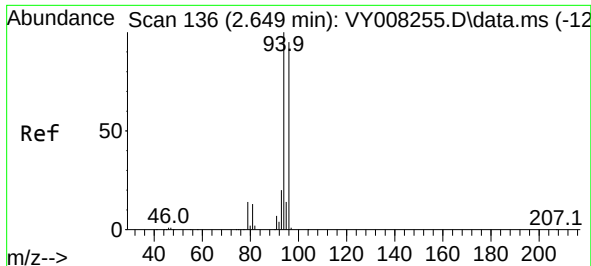
Tgt Ion:168 Resp: 118971
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008295.D
Acq: 12 Apr 2022 18:06

Tgt Ion: 50 Resp: 236
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

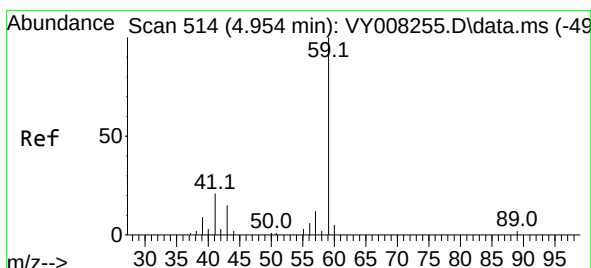
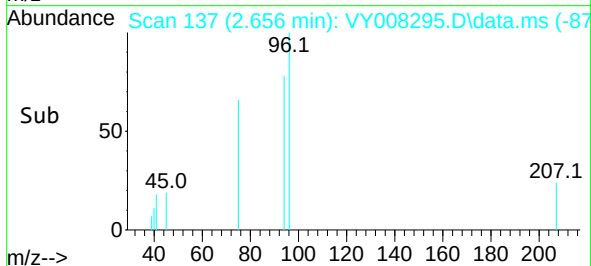
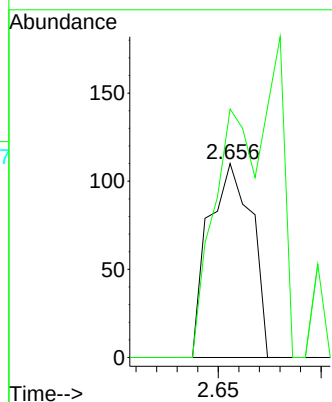
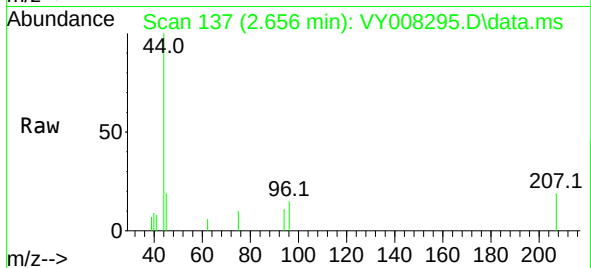




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008295.D
Acq: 12 Apr 2022 18:06

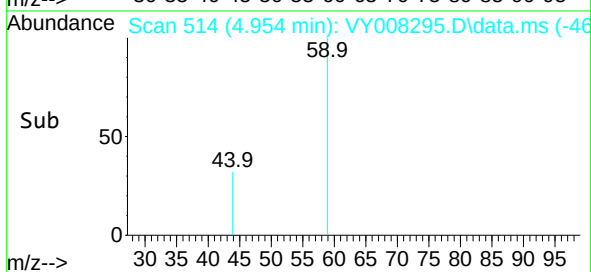
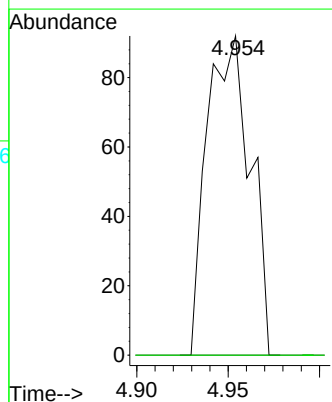
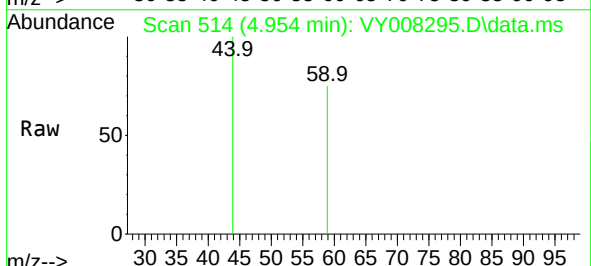
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-14.5-15.0

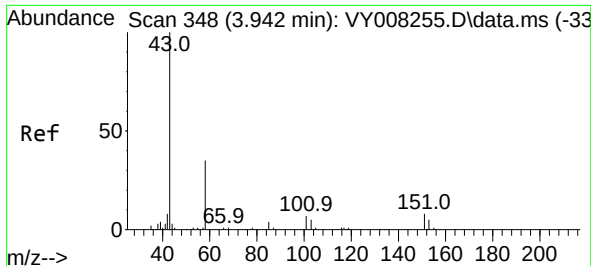
Tgt Ion: 94 Resp: 161
Ion Ratio Lower Upper
94 100
96 128.2 73.5 110.3#



#11
Tert butyl alcohol
Concen: 1.272 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY008295.D
Acq: 12 Apr 2022 18:06

Tgt Ion: 59 Resp: 152
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 4.316 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY008295.D

Acq: 12 Apr 2022 18:06

Instrument :

MSVOA_Y

ClientSampleId :

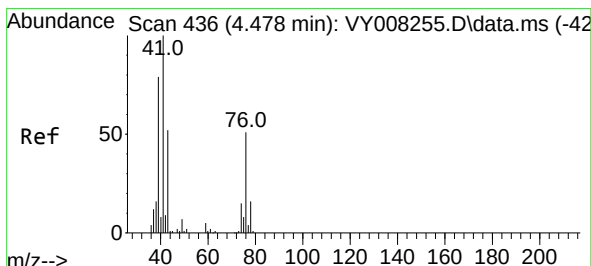
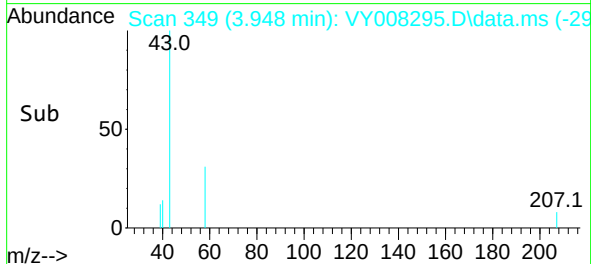
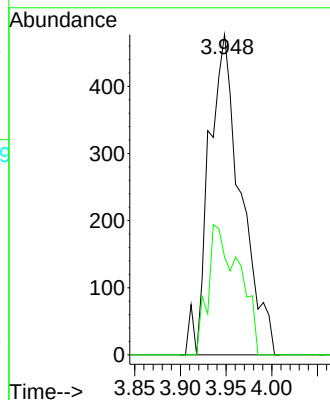
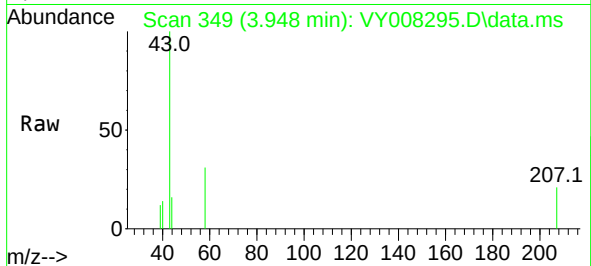
SB-09-14.5-15.0

Tgt Ion: 43 Resp: 1160

Ion Ratio Lower Upper

43 100

58 30.6 22.0 33.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY008295.D

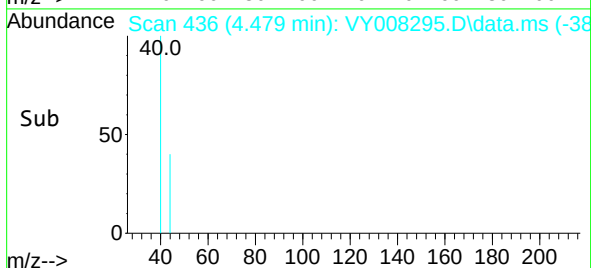
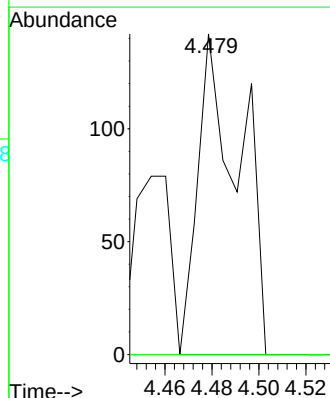
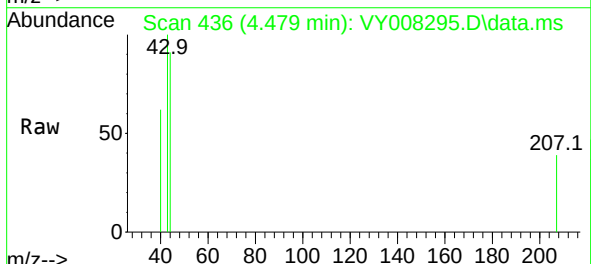
Acq: 12 Apr 2022 18:06

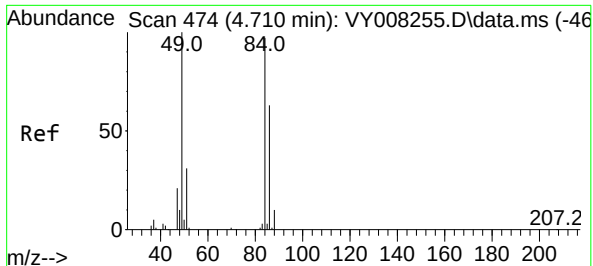
Tgt Ion: 43 Resp: 175

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 41

Delta R.T. 0.012 min

Lab File: VY008295.D

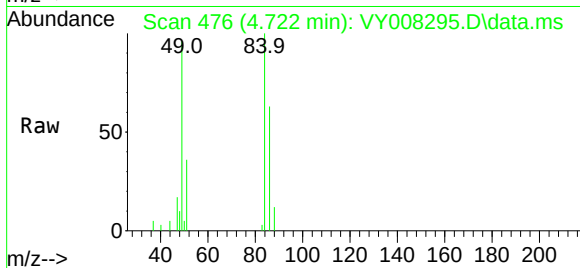
Acq: 12 Apr 2022 18:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-09-14.5-15.0



Tgt Ion: 84 Resp: 6717

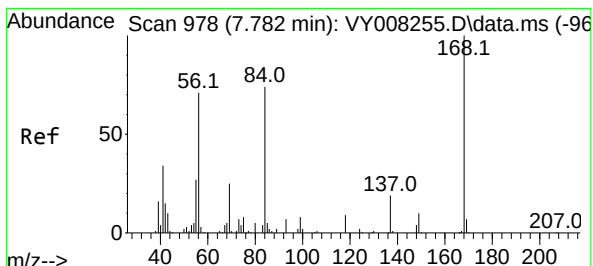
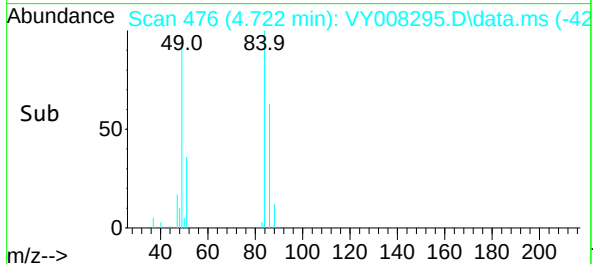
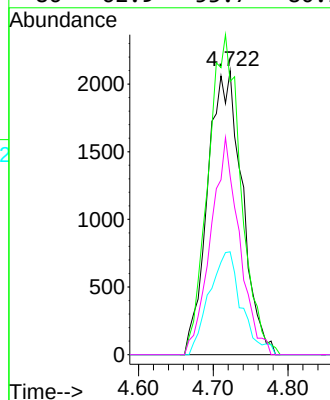
Ion Ratio Lower Upper

84 100

49 96.2 114.4 171.6#

51 36.2 35.3 52.9

86 62.9 53.7 80.5



#31

Cyclohexane

Concen: 1.213 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.007 min

Lab File: VY008295.D

Acq: 12 Apr 2022 18:06

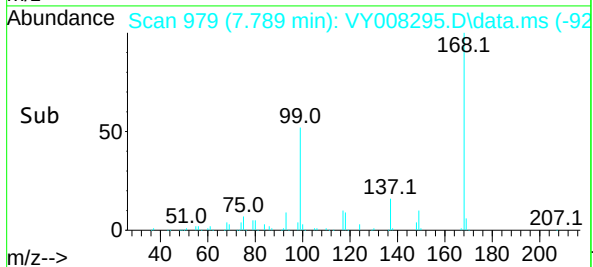
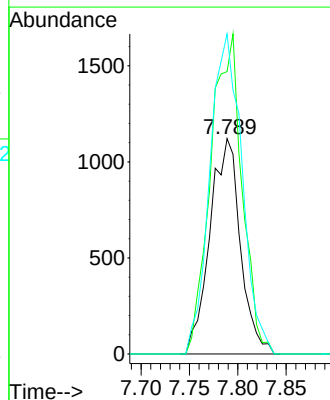
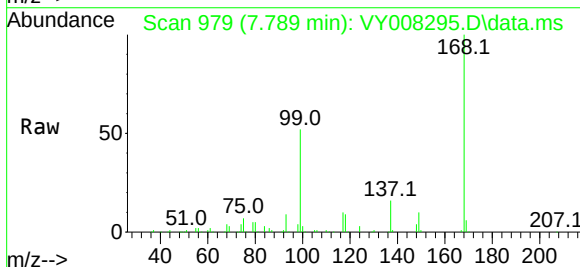
Tgt Ion: 56 Resp: 2452

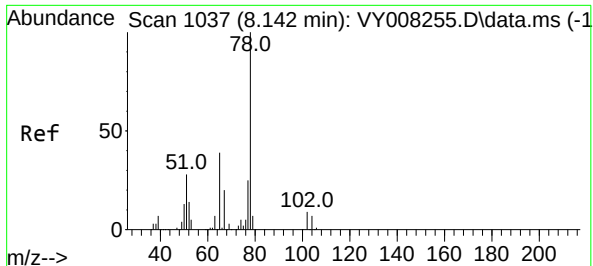
Ion Ratio Lower Upper

56 100

69 131.1 26.7 40.1#

84 148.6 67.2 100.8#



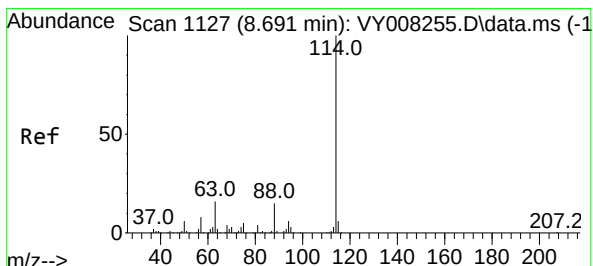
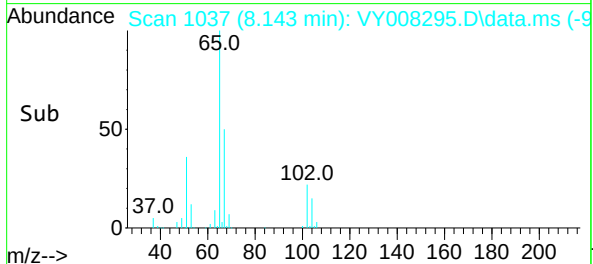
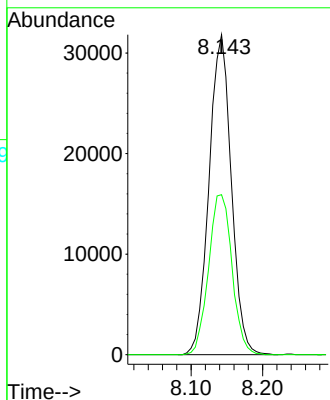
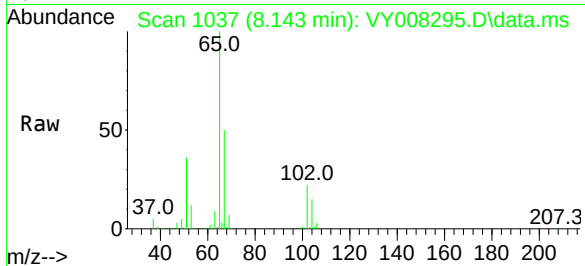


#33
 1,2-Dichloroethane-d4
 Concen: 61.510 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY008295.D
 Acq: 12 Apr 2022 18:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-14.5-15.0

Tgt Ion: 65 Resp: 68739

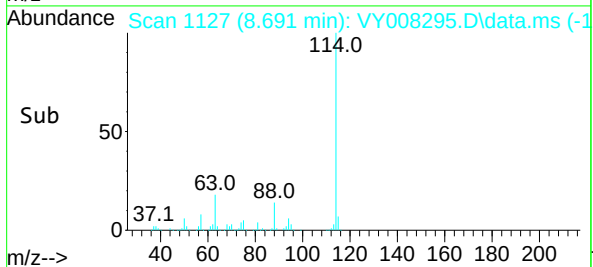
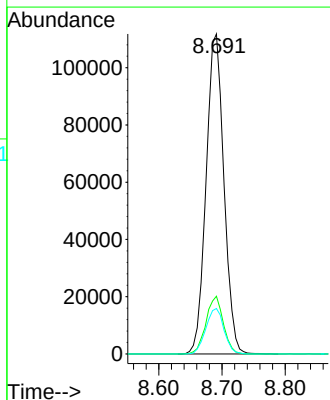
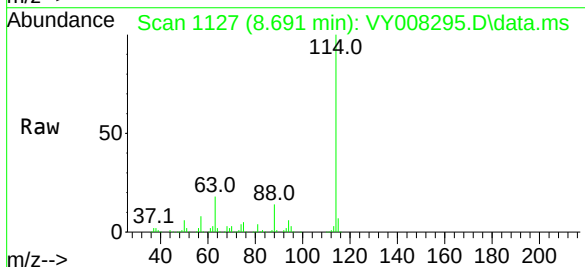
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	99.4

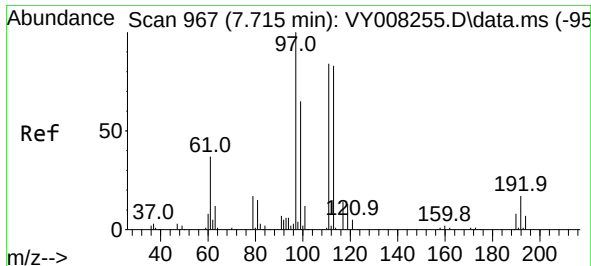


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008295.D
 Acq: 12 Apr 2022 18:06

Tgt Ion: 114 Resp: 219097

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	43.2
88	14.2	0.0	31.8

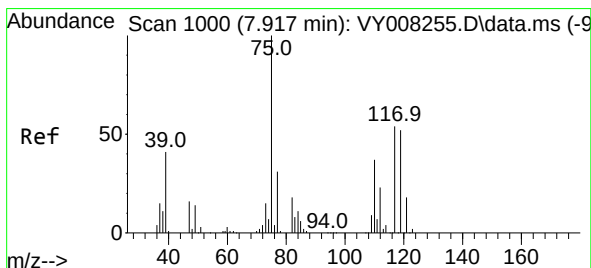
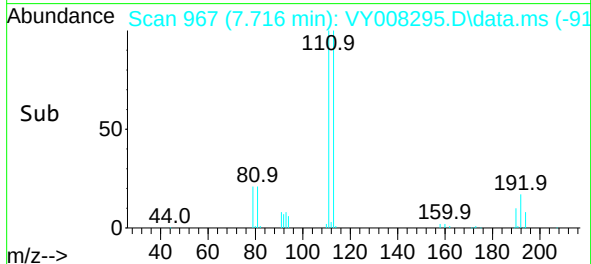
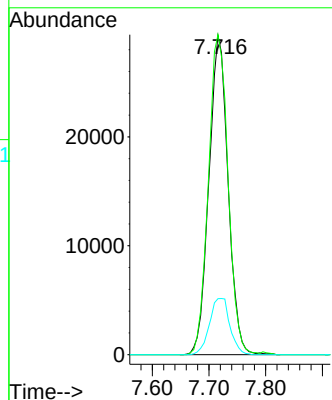
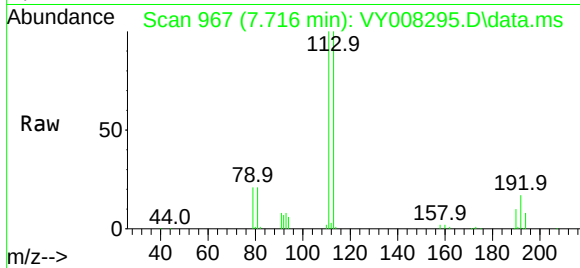




#35
Dibromofluoromethane
Concen: 54.365 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY008295.D
Acq: 12 Apr 2022 18:06

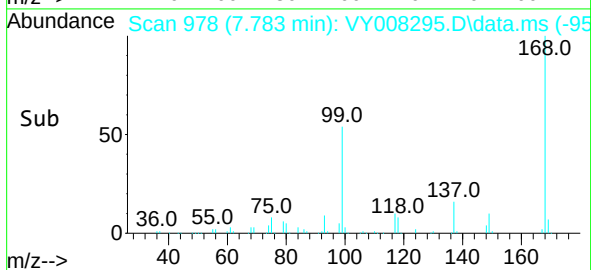
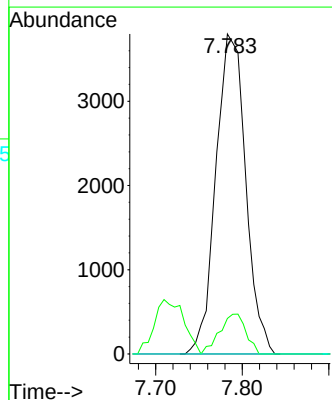
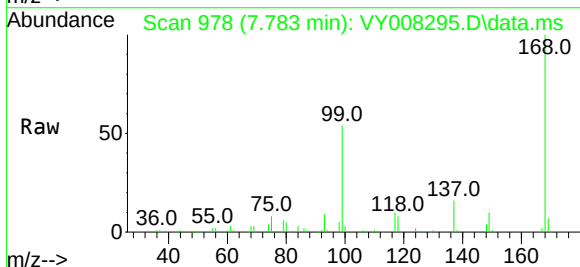
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-14.5-15.0

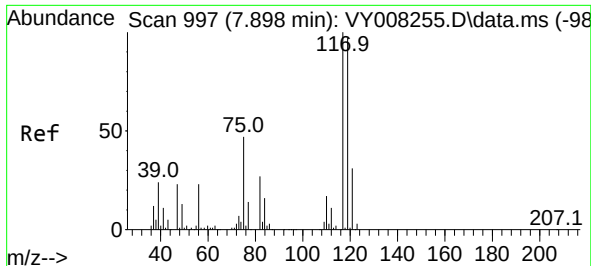
Tgt Ion:113 Resp: 68797
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 18.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.496 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008295.D
Acq: 12 Apr 2022 18:06

Tgt Ion: 75 Resp: 9086
Ion Ratio Lower Upper
75 100
110 11.0 17.1 51.2#
77 0.0 24.4 36.6#

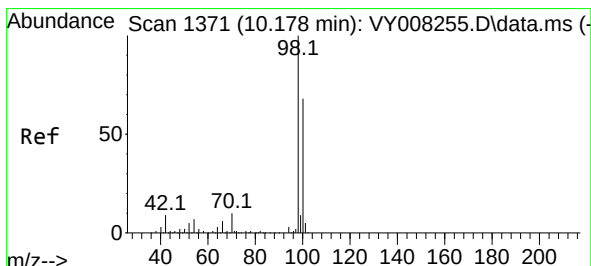
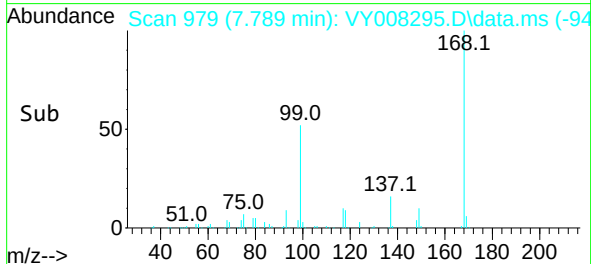
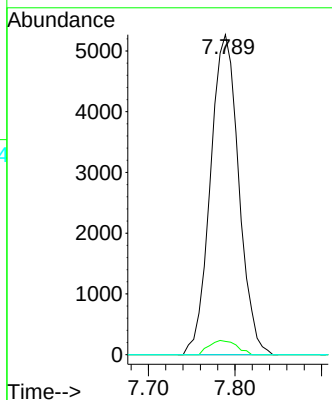
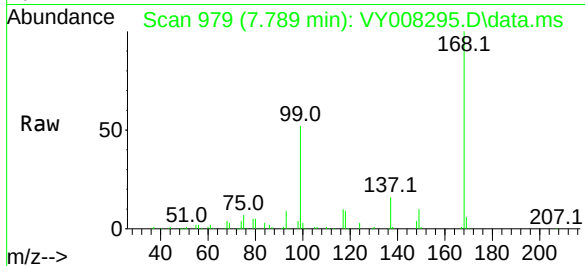




#38
Carbon Tetrachloride
Concen: 5.507 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008295.D
Acq: 12 Apr 2022 18:06

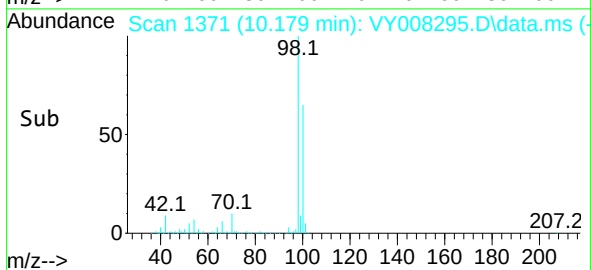
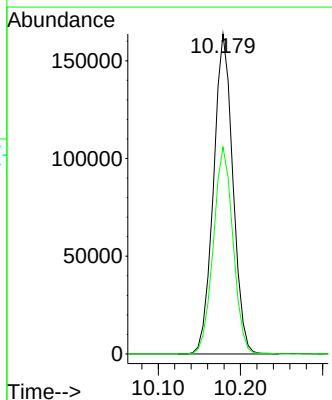
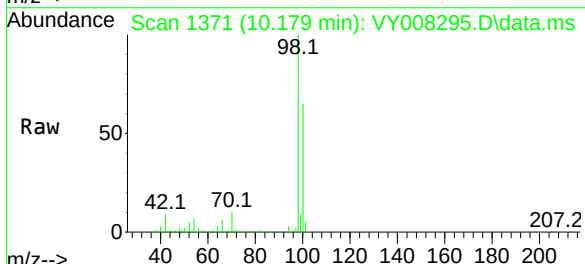
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-14.5-15.0

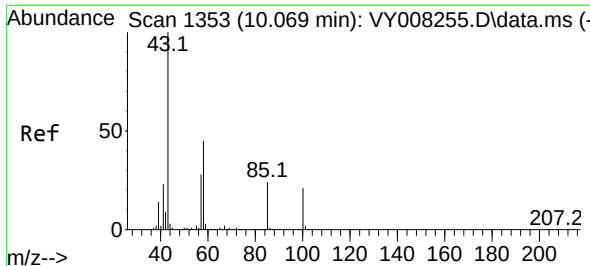
Tgt Ion:117 Resp: 11973
Ion Ratio Lower Upper
117 100
119 4.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 61.937 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008295.D
Acq: 12 Apr 2022 18:06

Tgt Ion: 98 Resp: 268197
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

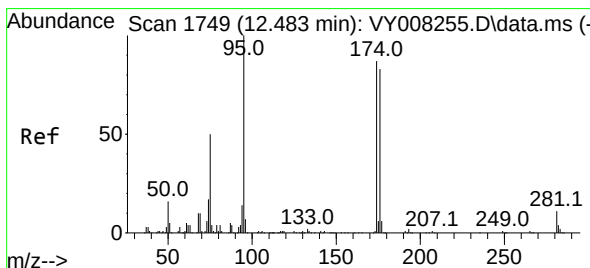
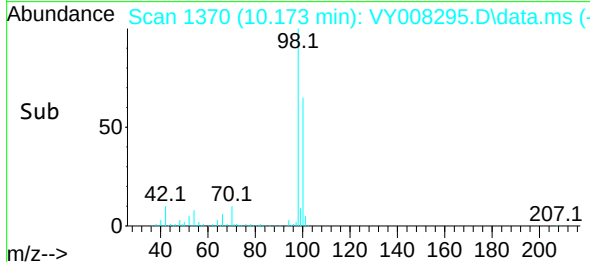
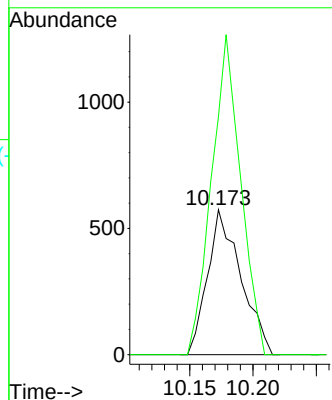
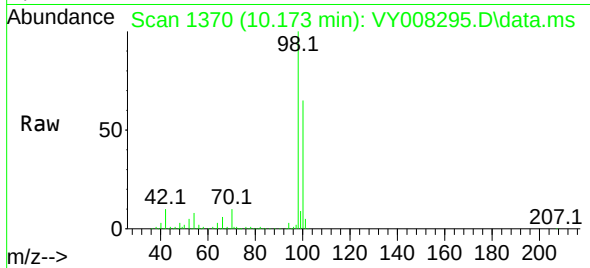




#51
4-Methyl-2-Pentanone
Concen: 1.055 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY008295.D
Acq: 12 Apr 2022 18:06

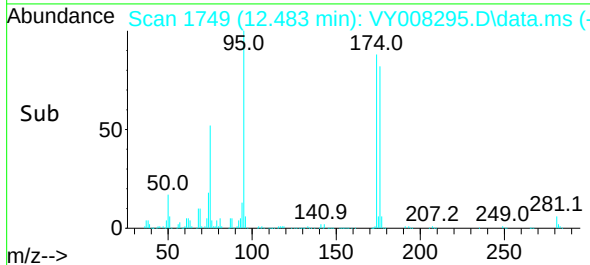
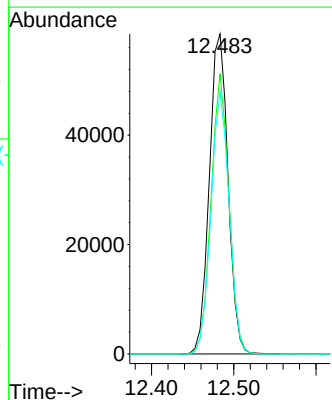
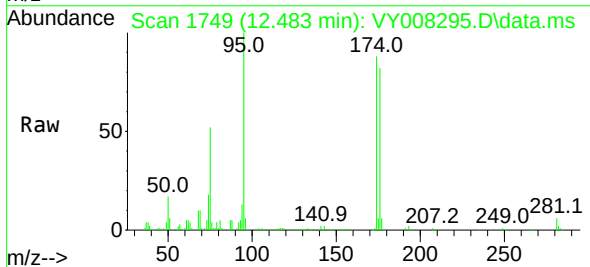
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-14.5-15.0

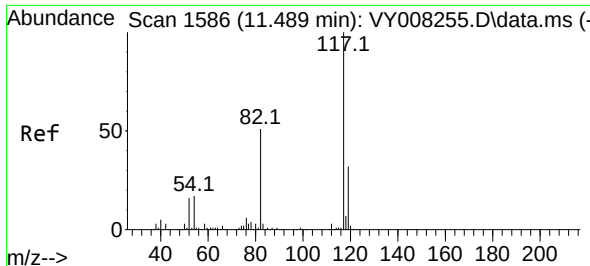
Tgt Ion: 43 Resp: 1053
Ion Ratio Lower Upper
43 100
58 192.7 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 56.661 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008295.D
Acq: 12 Apr 2022 18:06

Tgt Ion: 95 Resp: 92283
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 80.1 0.0 175.8

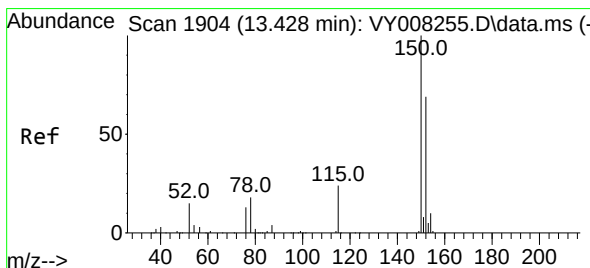
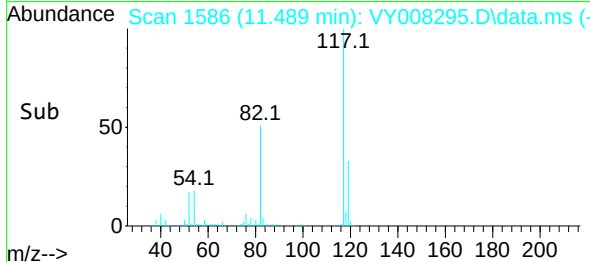
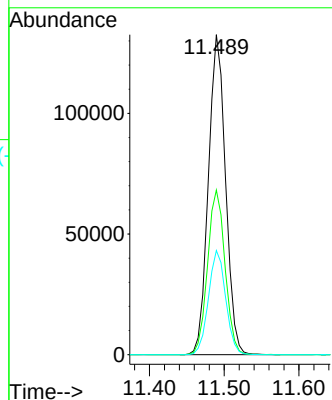
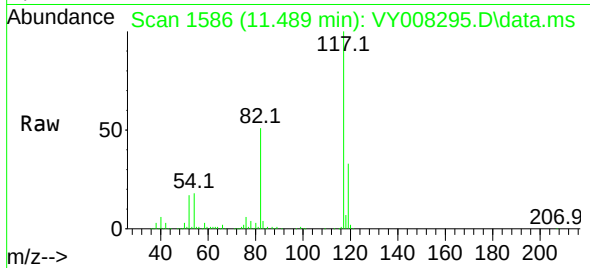




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008295.D
Acq: 12 Apr 2022 18:06

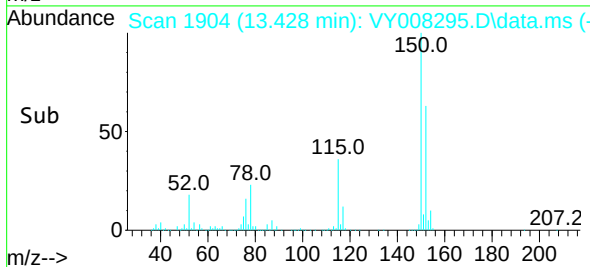
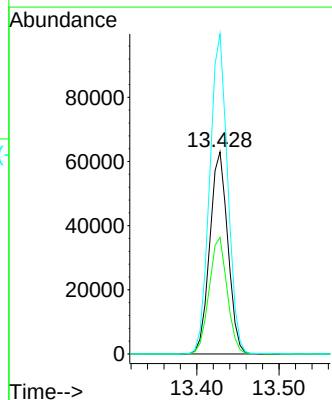
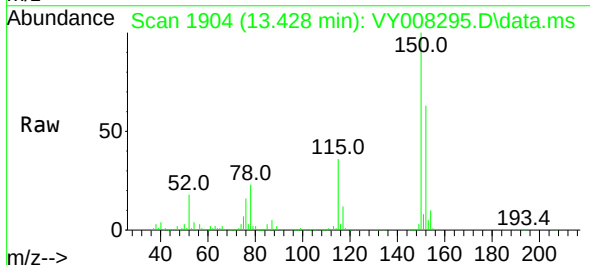
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-14.5-15.0

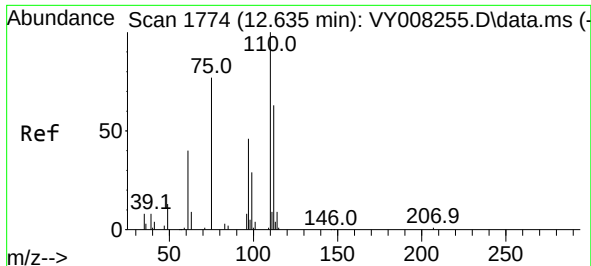
Tgt Ion:117 Resp: 211338
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008295.D
Acq: 12 Apr 2022 18:06

Tgt Ion:152 Resp: 95990
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 157.4 0.0 347.6

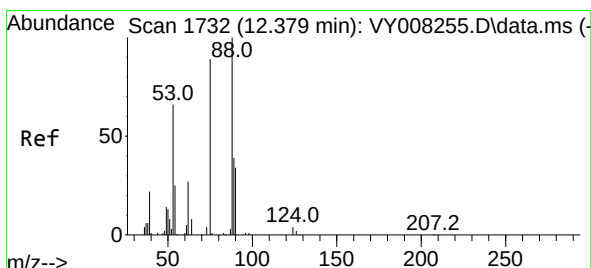
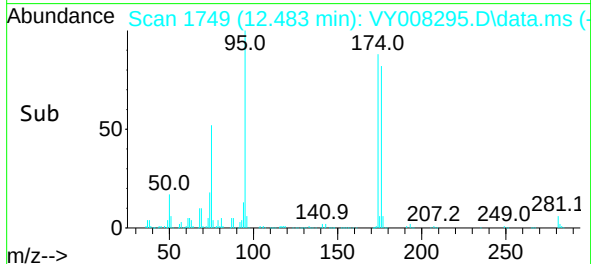
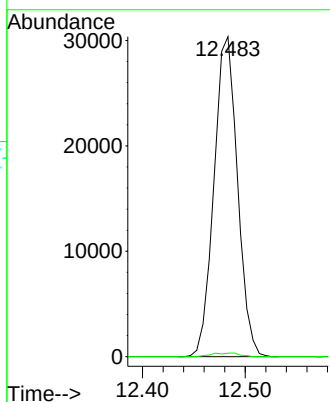
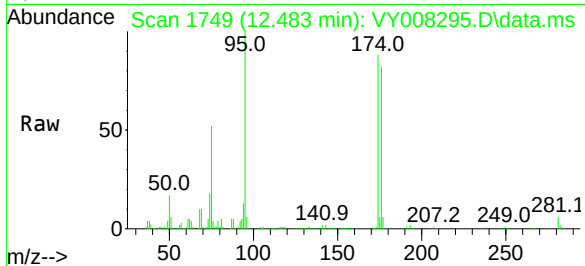




#76
1,2,3-Trichloropropane
Concen: 45.443 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008295.D
Acq: 12 Apr 2022 18:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-09-14.5-15.0

Tgt Ion: 75 Resp: 48243
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.676 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008295.D
Acq: 12 Apr 2022 18:06

Tgt Ion: 75 Resp: 48243
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

