

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017054.D
 Acq On : 19 Jan 2024 14:35
 Operator : SY/MD
 Sample : P1185-01
 Misc : 3.44g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7-19.5-20.0

Quant Time: Jan 19 22:22:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

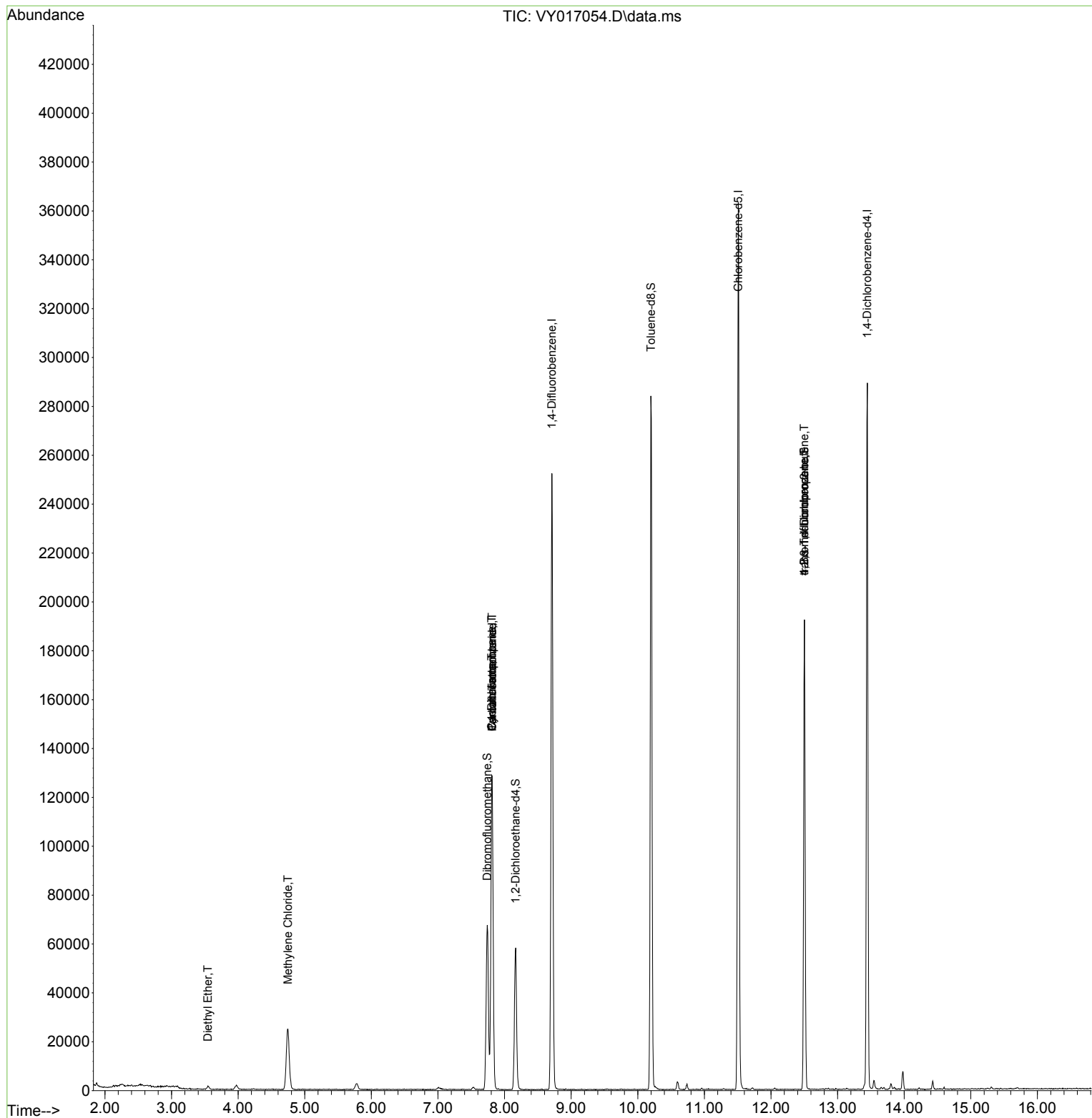
Internal Standards						
1) Pentafluorobenzene	7.813	168	100180	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	215585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	201304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	71991	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	45263	45.714	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.420%		
35) Dibromofluoromethane	7.740	113	50517	36.772	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	73.540%		
50) Toluene-d8	10.197	98	187876	39.715	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	79.420%		
62) 4-Bromofluorobenzene	12.502	95	55507	34.777	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	69.560%		
Target Compounds						
8) Diethyl Ether	3.546	74	628	1.149	ug/l	54
11) Tert butyl alcohol	4.954	59	102	Below Cal	#	75
16) Acetone	3.979	43	3039	Below Cal		93
20) Methylene Chloride	4.747	84	19480	9.170	ug/l	98
25) 2-Butanone	7.009	43	840	Below Cal	#	48
31) Cyclohexane	7.807	56	2314	1.362	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	8599	4.295	ug/l #	50
38) Carbon Tetrachloride	7.813	117	10463	5.144	ug/l #	17
76) 1,2,3-Trichloropropane	12.502	75	30732	39.338	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	30732	89.326	ug/l #	12

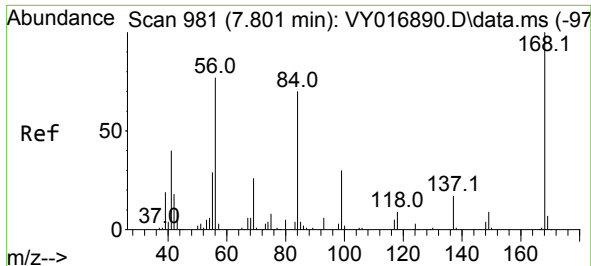
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-7-19.5-20.0

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
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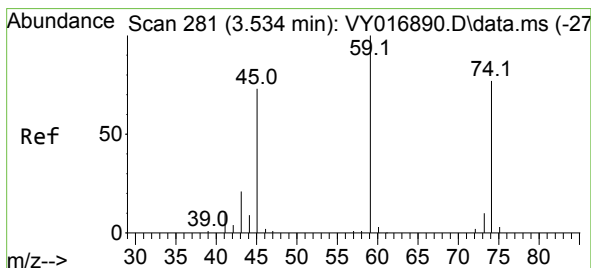
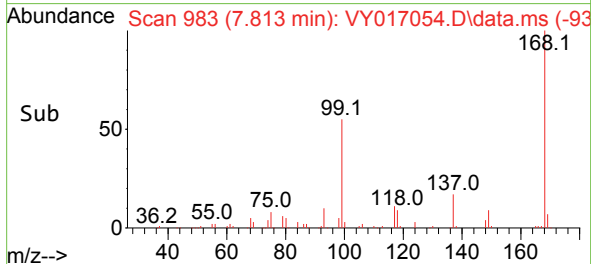
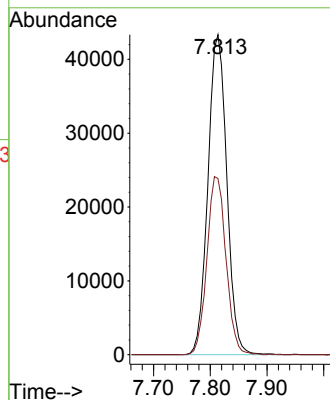
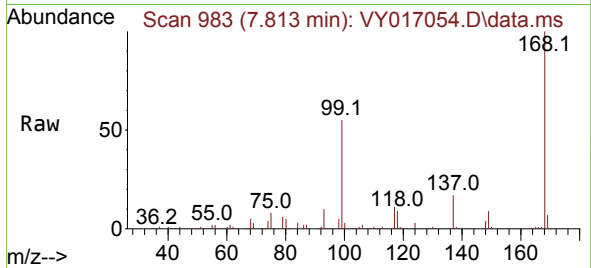




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017054.D
Acq: 19 Jan 2024 14:35

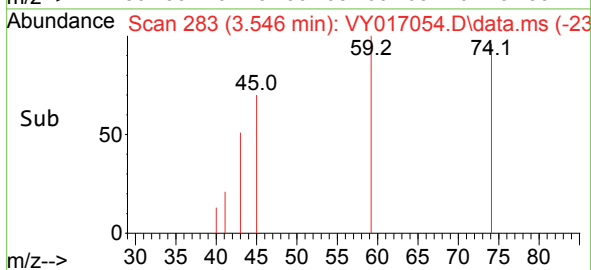
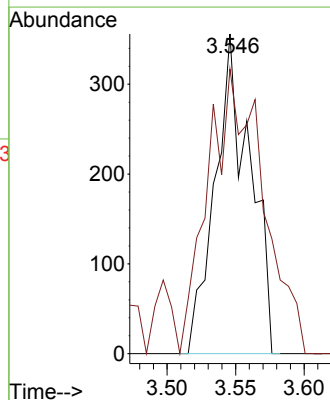
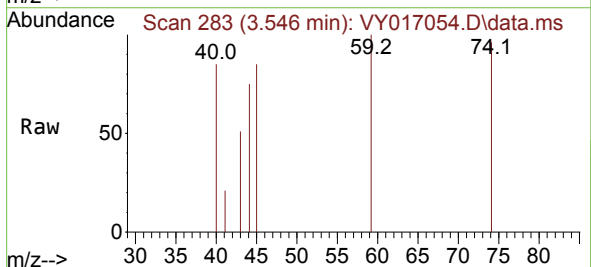
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MSVOA_Y
ClientSampleId :
SB-7-19.5-20.0

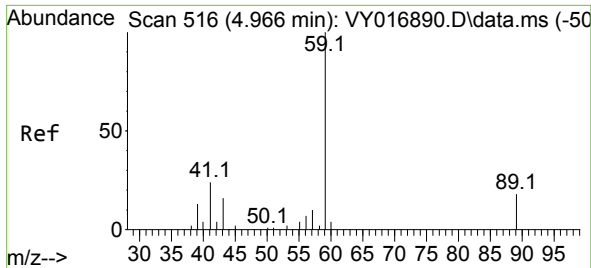
Tgt Ion:168 Resp: 100180
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4



#8
Diethyl Ether
Concen: 1.149 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.006 min
Lab File: VY017054.D
Acq: 19 Jan 2024 14:35

Tgt Ion: 74 Resp: 628
Ion Ratio Lower Upper
74 100
45 140.8 47.9 143.7

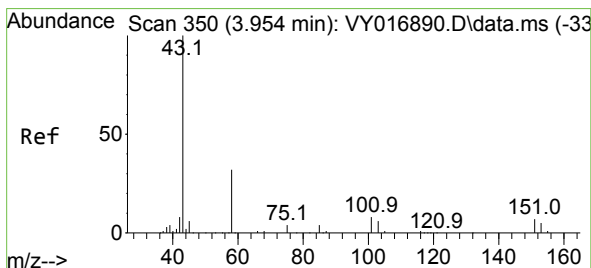
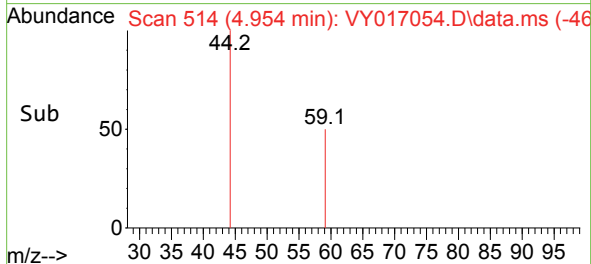
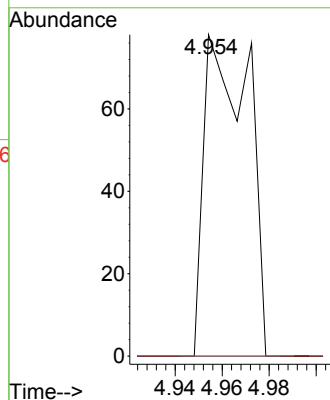
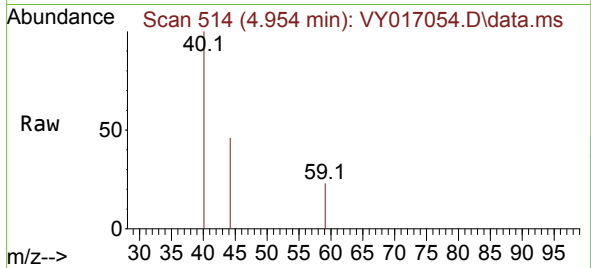




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY017054.D
Acq: 19 Jan 2024 14:35

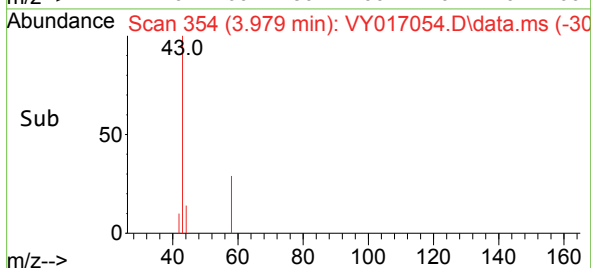
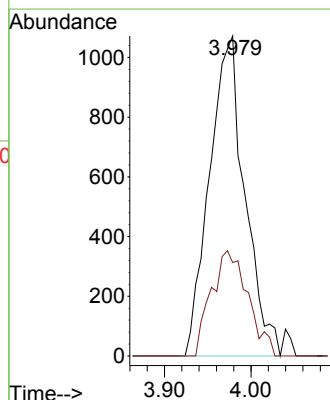
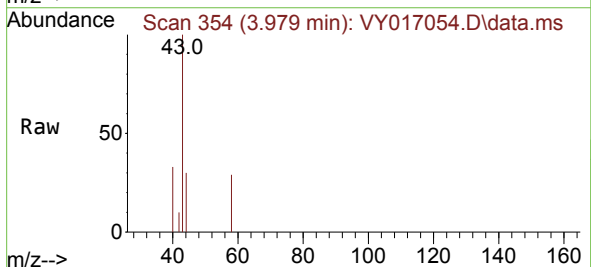
Instrument :
MSVOA_Y
ClientSampleId :
SB-7-19.5-20.0

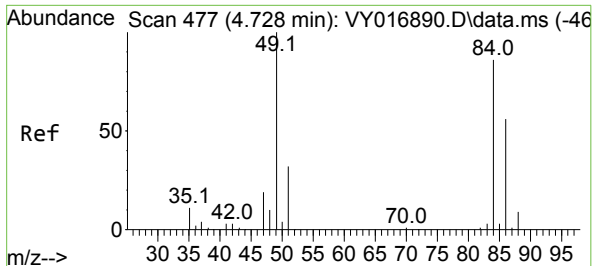
Tgt Ion: 59 Resp: 102
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#16
Acetone
Concen: Below Cal
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY017054.D
Acq: 19 Jan 2024 14:35

Tgt Ion: 43 Resp: 3039
Ion Ratio Lower Upper
43 100
58 29.2 26.6 39.8





#20

Methylene Chloride

Concen: 9.170 ug/l

RT: 4.747 min Scan# 41

Delta R.T. 0.013 min

Lab File: VY017054.D

Acq: 19 Jan 2024 14:35

Instrument :

MSVOA_Y

ClientSampleId :

SB-7-19.5-20.0

Tgt Ion: 84 Resp: 19480

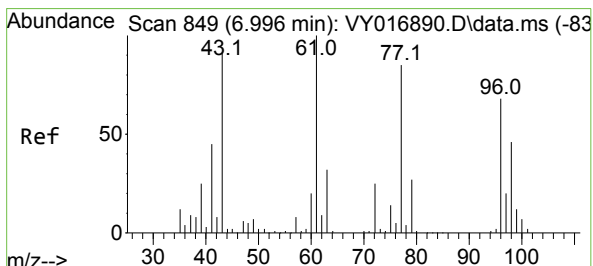
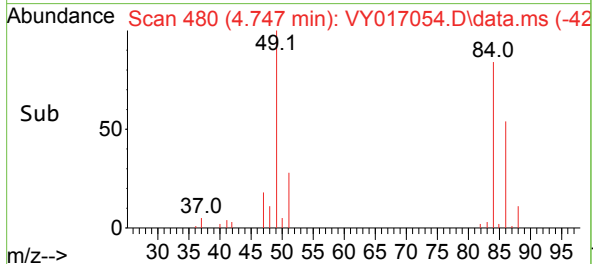
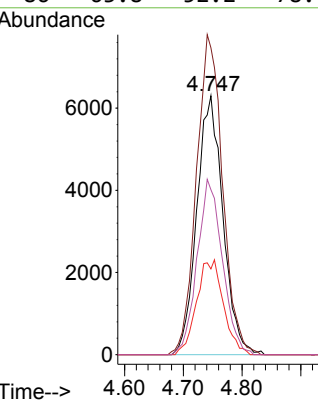
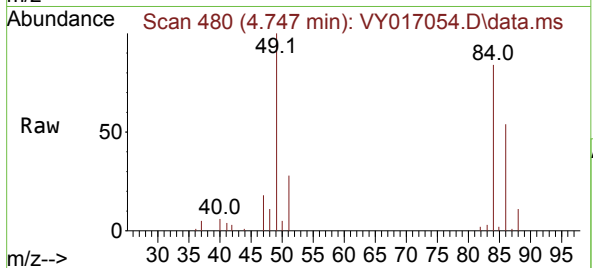
Ion Ratio Lower Upper

84 100

49 118.6 95.2 142.8

51 33.2 29.9 44.9

86 63.8 52.2 78.4



#25

2-Butanone

Concen: Below Cal

RT: 7.009 min Scan# 851

Delta R.T. 0.013 min

Lab File: VY017054.D

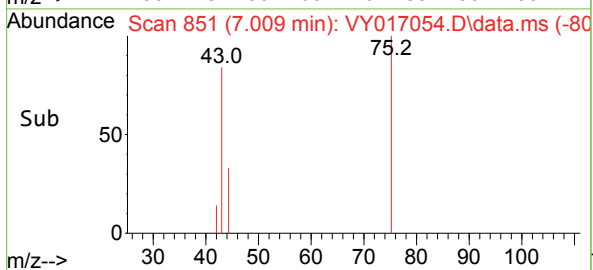
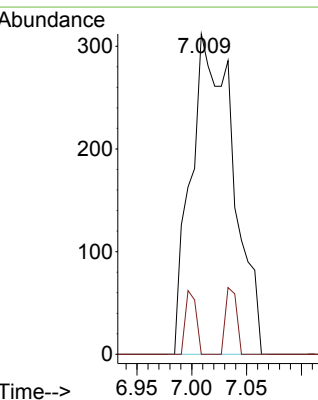
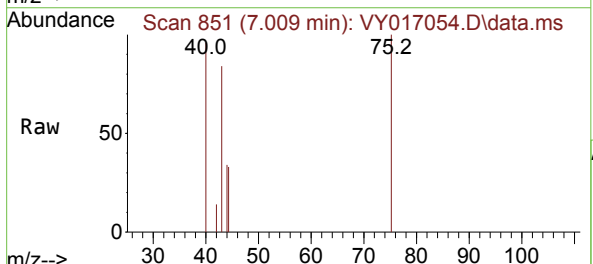
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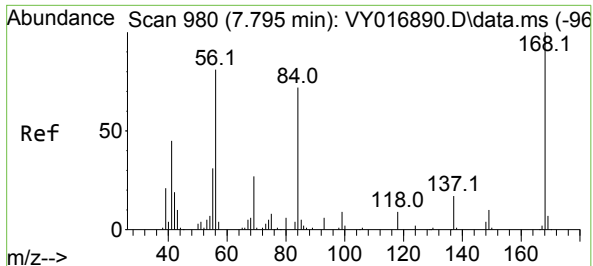
Tgt Ion: 43 Resp: 840

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#

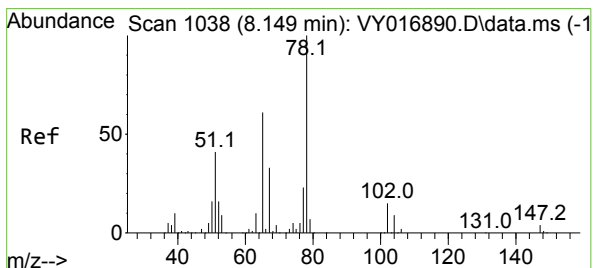
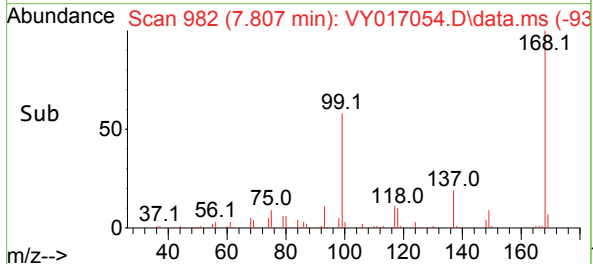
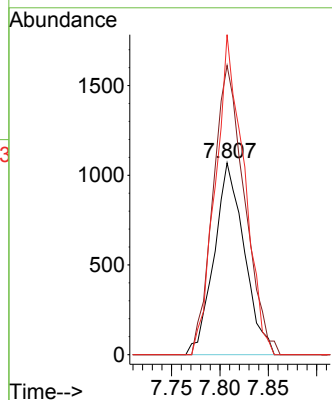
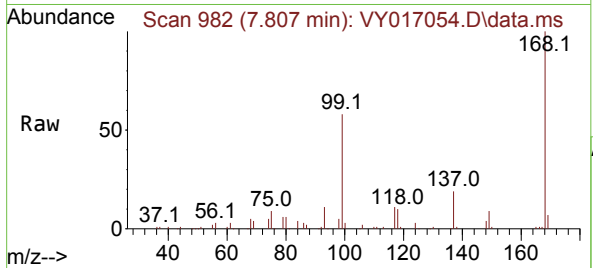




#31
Cyclohexane
Concen: 1.362 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017054.D
Acq: 19 Jan 2024 14:35

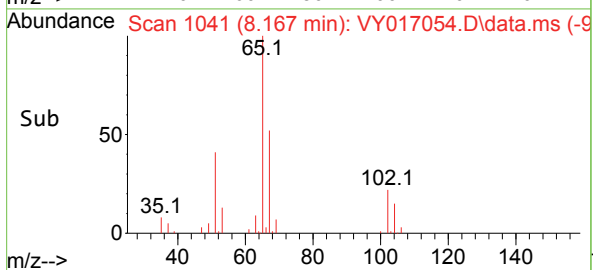
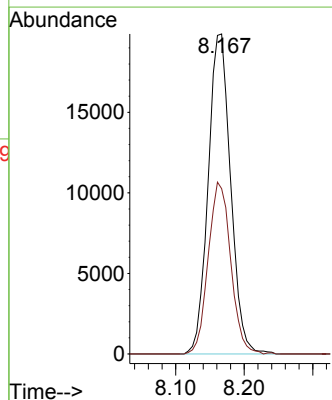
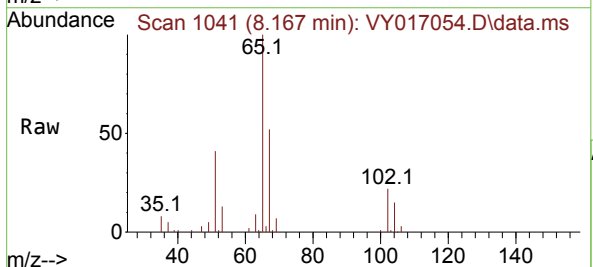
Instrument :
MSVOA_Y
ClientSampleId :
SB-7-19.5-20.0

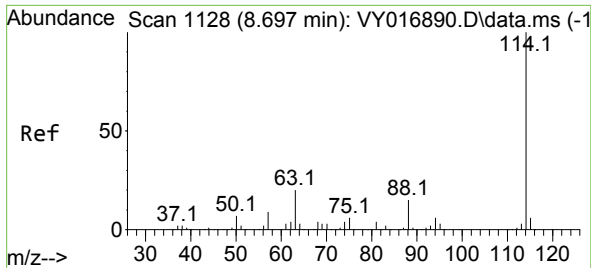
Tgt Ion: 56 Resp: 2314
Ion Ratio Lower Upper
56 100
69 150.9 27.0 40.6#
84 166.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 45.714 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY017054.D
Acq: 19 Jan 2024 14:35

Tgt Ion: 65 Resp: 45263
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.0

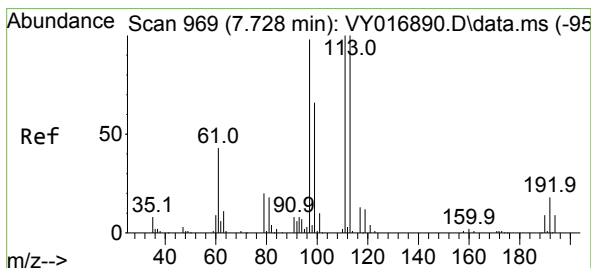
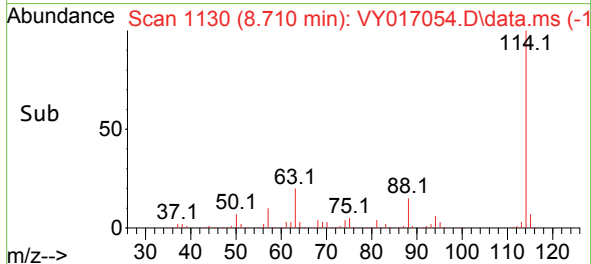
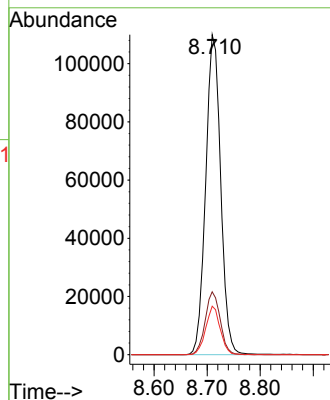
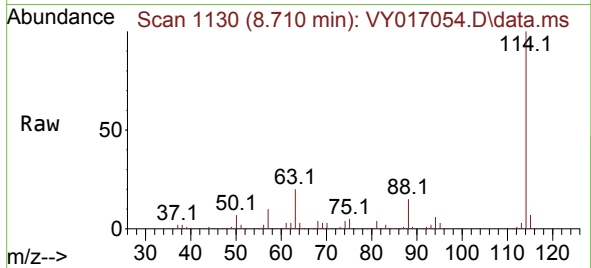




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.710 min Scan# 1128
Delta R.T. 0.007 min
Lab File: VY017054.D
Acq: 19 Jan 2024 14:35

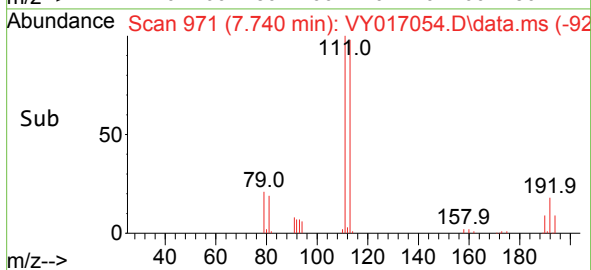
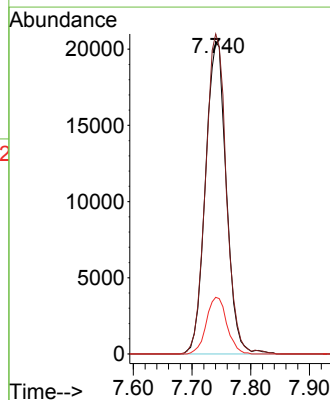
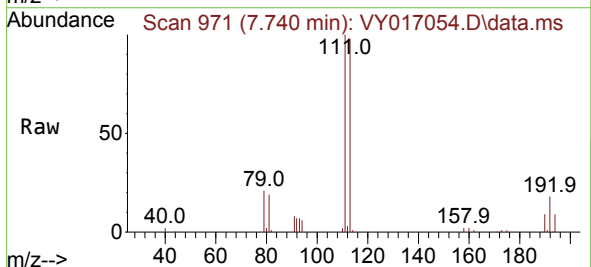
Instrument :
MSVOA_Y
ClientSampleId :
SB-7-19.5-20.0

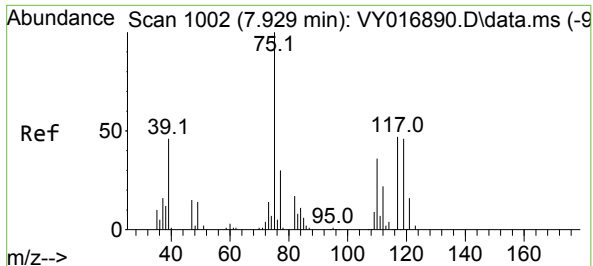
Tgt Ion:114 Resp: 215585
Ion Ratio Lower Upper
114 100
63 19.7 0.0 37.4
88 15.1 0.0 29.0



#35
Dibromofluoromethane
Concen: 36.772 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.012 min
Lab File: VY017054.D
Acq: 19 Jan 2024 14:35

Tgt Ion:113 Resp: 50517
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 17.9 14.5 21.7

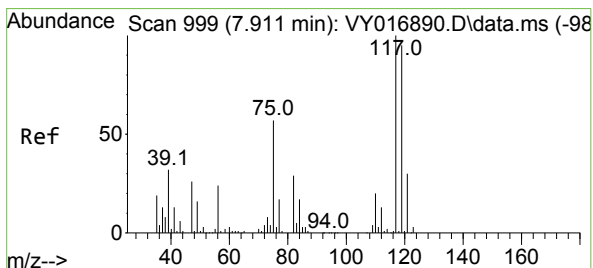
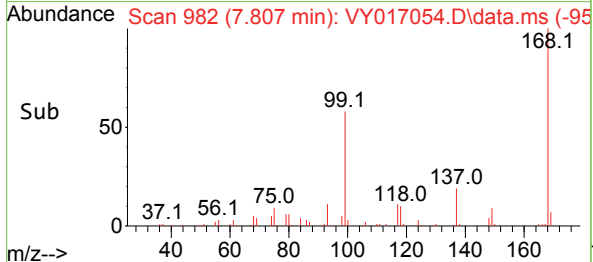
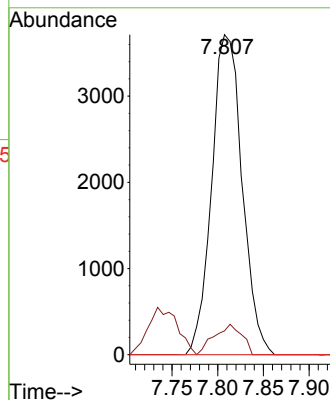
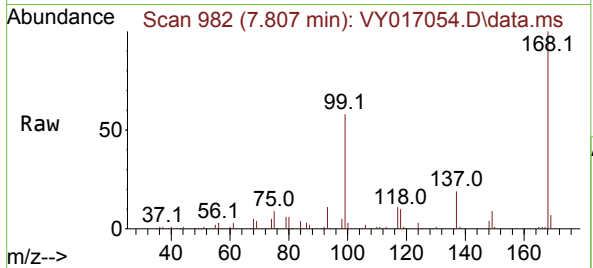




#36
1,1-Dichloropropene
Concen: 4.295 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017054.D
Acq: 19 Jan 2024 14:35

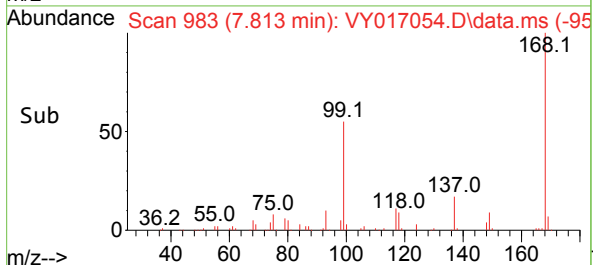
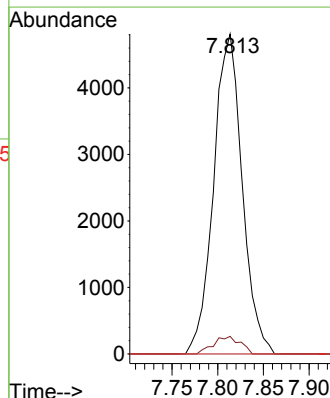
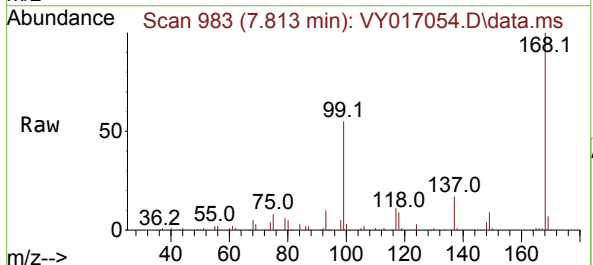
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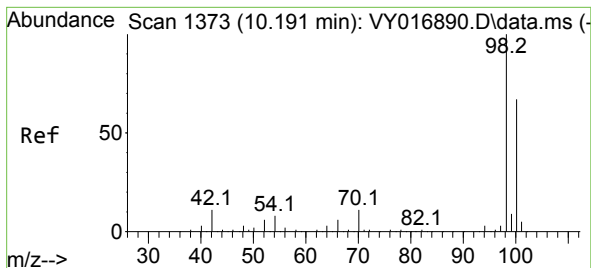
Tgt Ion: 75 Resp: 8599
Ion Ratio Lower Upper
75 100
110 8.6 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.144 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.104 min
Lab File: VY017054.D
Acq: 19 Jan 2024 14:35

Tgt Ion: 117 Resp: 10463
Ion Ratio Lower Upper
117 100
119 5.5 76.0 114.0#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 39.715 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017054.D

Acq: 19 Jan 2024 14:35

Instrument :

MSVOA_Y

ClientSampleId :

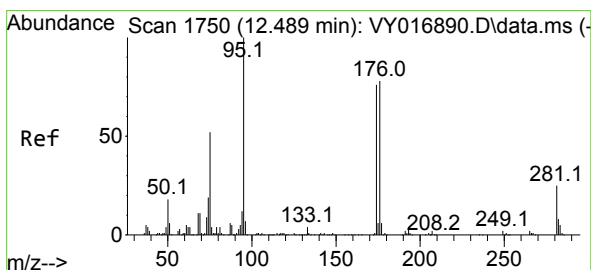
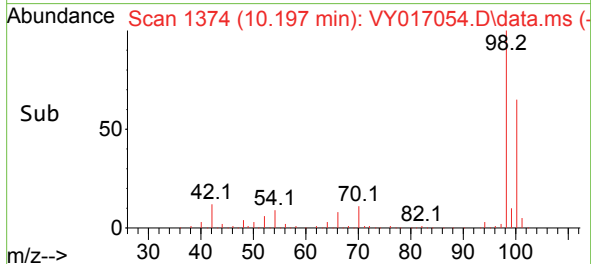
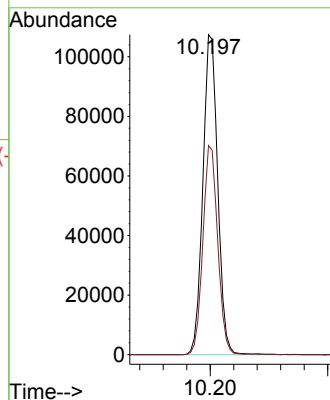
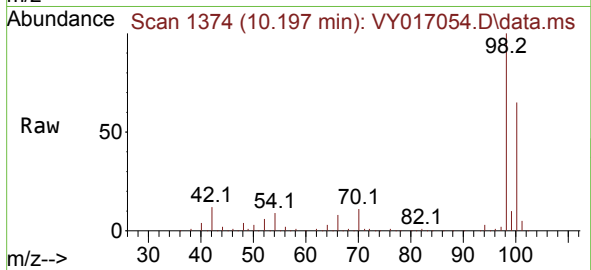
SB-7-19.5-20.0

Tgt Ion: 98 Resp: 187876

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 34.777 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.013 min

Lab File: VY017054.D

Acq: 19 Jan 2024 14:35

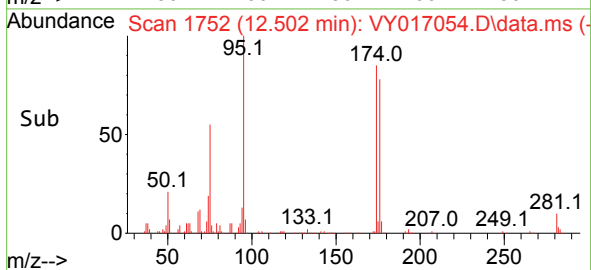
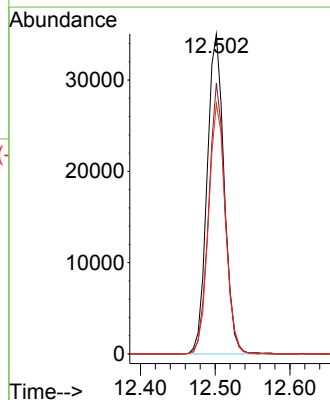
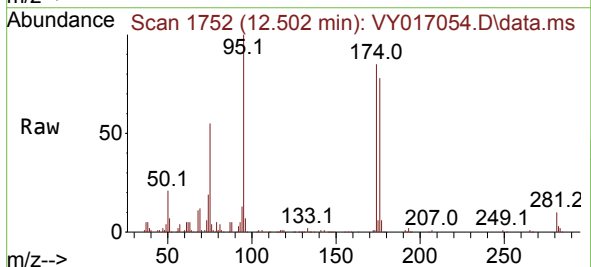
Tgt Ion: 95 Resp: 55507

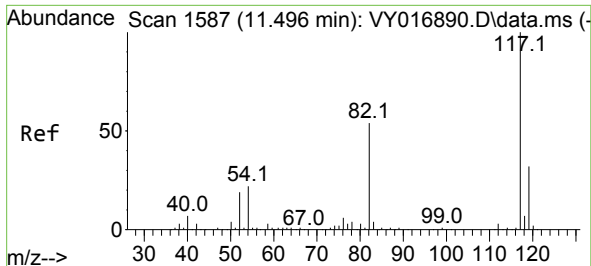
Ion Ratio Lower Upper

95 100

174 81.6 0.0 160.0

176 77.4 0.0 151.8

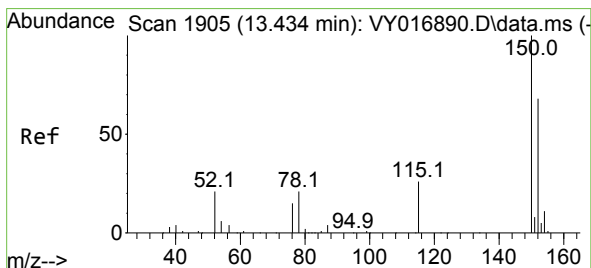
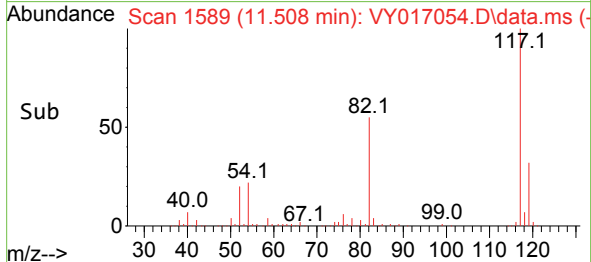
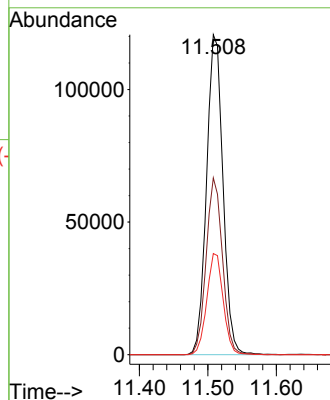
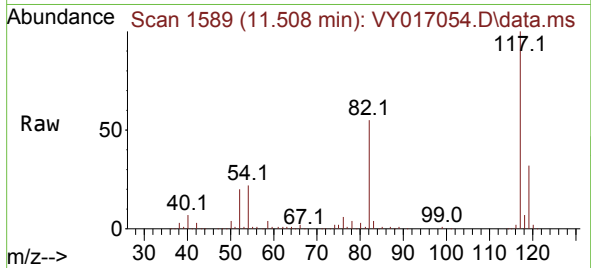




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017054.D
Acq: 19 Jan 2024 14:35

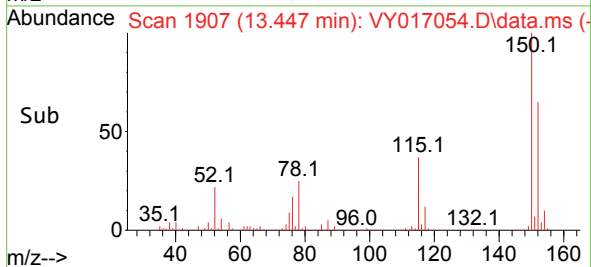
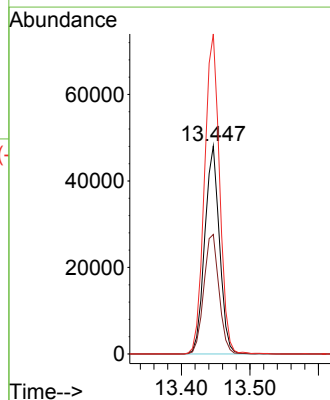
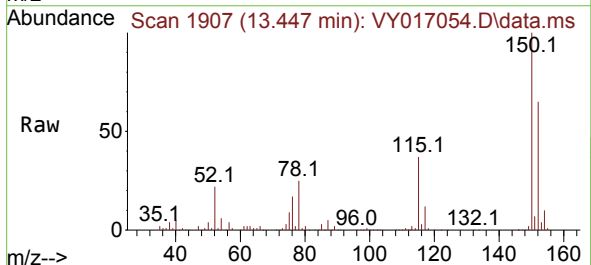
Instrument :
MSVOA_Y
ClientSampleId :
SB-7-19.5-20.0

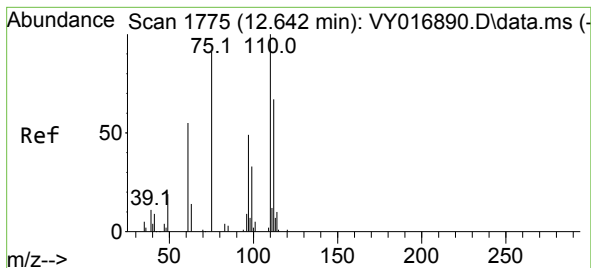
Tgt Ion:117 Resp: 201304
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.8
119 31.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.013 min
Lab File: VY017054.D
Acq: 19 Jan 2024 14:35

Tgt Ion:152 Resp: 71991
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.0
150 157.8 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 39.338 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. -0.140 min

Lab File: VY017054.D

Acq: 19 Jan 2024 14:35

Instrument :

MSVOA_Y

ClientSampleId :

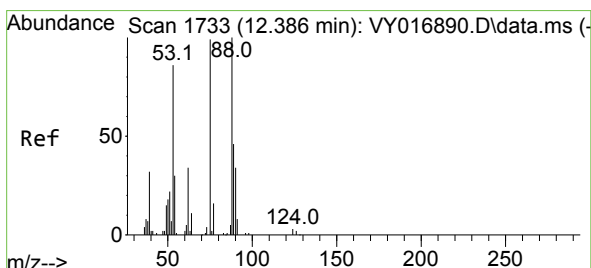
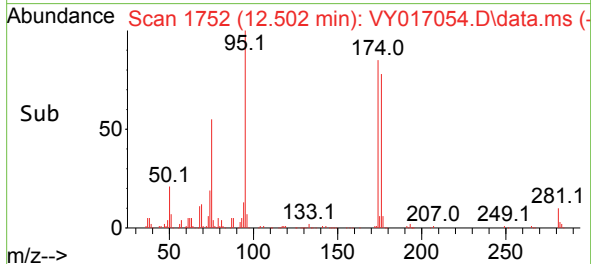
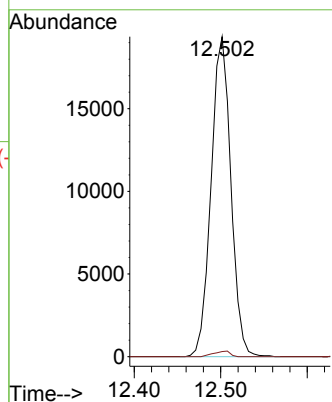
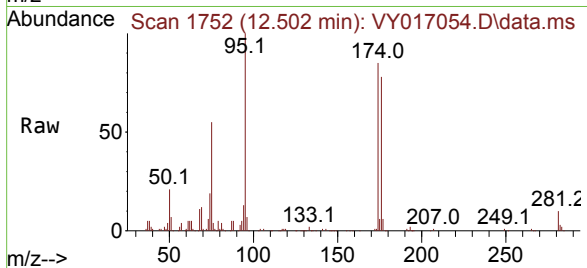
SB-7-19.5-20.0

Tgt Ion: 75 Resp: 30732

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.326 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.117 min

Lab File: VY017054.D

Acq: 19 Jan 2024 14:35

Tgt Ion: 75 Resp: 30732

Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

89 0.0 36.5 54.7#

