

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007544.D
 Acq On : 18 Feb 2022 14:54
 Operator : SY/MD
 Sample : N1580-03RE
 Misc : 5.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-3

Quant Time: Feb 19 04:32:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

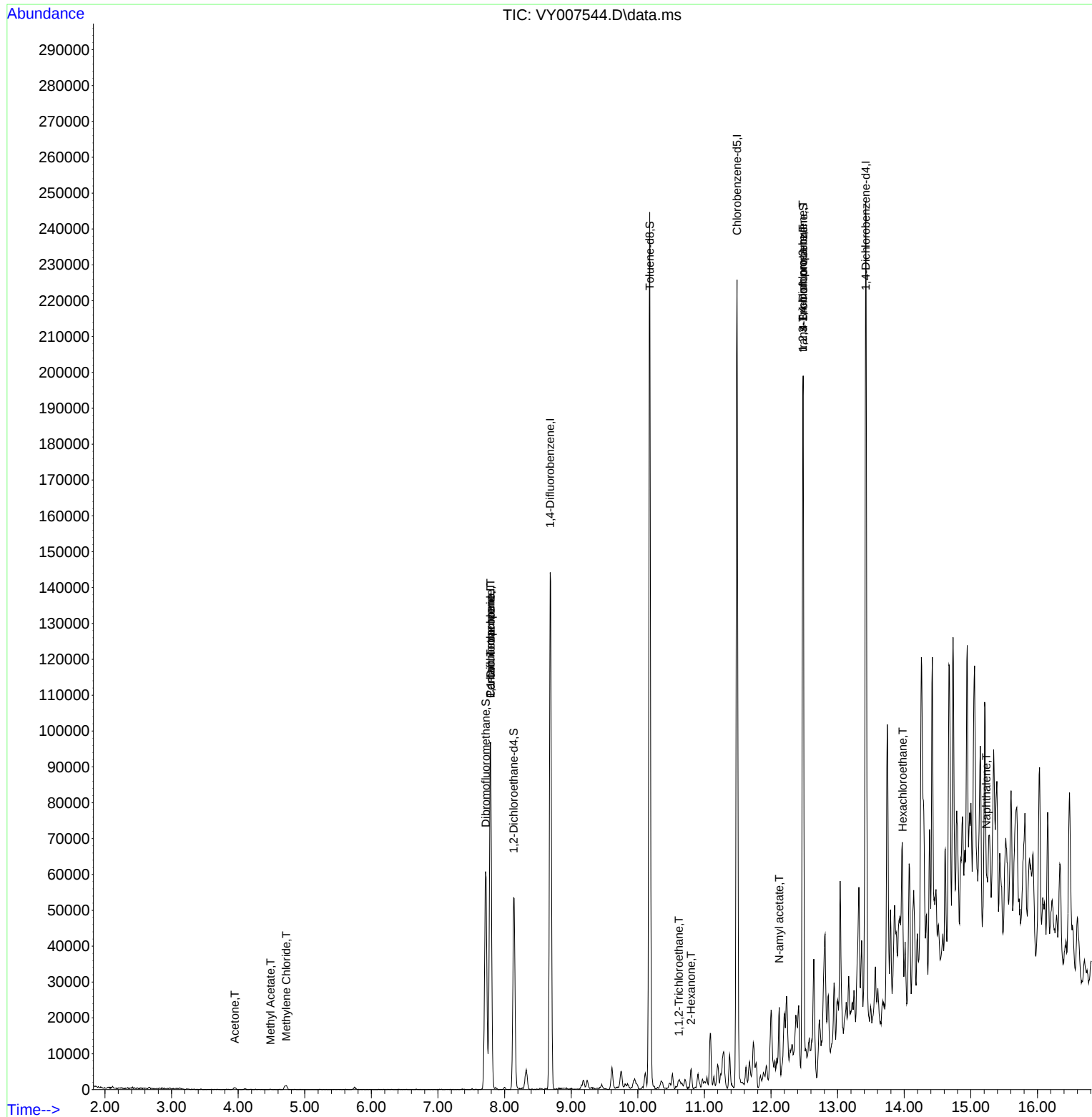
Internal Standards						
1) Pentafluorobenzene	7.789	168	73091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	127173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	125200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	44004	54.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.060%	
35) Dibromofluoromethane	7.716	113	42766	53.325	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.640%	
50) Toluene-d8	10.179	98	153000	50.229	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.460%	
62) 4-Bromofluorobenzene	12.483	95	57096	55.280	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.560%	
Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	367	Below Cal	#	85
5) Bromomethane	2.668	94	157	Below Cal	#	67
16) Acetone	3.948	43	994	4.643	ug/l	99
18) Methyl Acetate	4.485	43	79	1.532	ug/l #	56
20) Methylene Chloride	4.722	84	1056	1.203	ug/l #	60
36) 1,1-Dichloropropene	7.789	75	5405	4.160	ug/l #	52
38) Carbon Tetrachloride	7.789	117	7764	5.259	ug/l #	14
55) 1,1,2-Trichloroethane	10.618	97	1053	1.505	ug/l #	18
59) 2-Hexanone	10.801	43	1926	4.505	ug/l #	30
74) N-amyl acetate	12.123	43	3837	3.259	ug/l #	67
76) 1,2,3-Trichloropropane	12.477	75	31326	46.188	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	31326	96.000	ug/l #	8
90) Hexachloroethane	13.977	117	1101	1.260	ug/l #	6
95) Naphthalene	15.233	128	3542	1.418	ug/l #	73

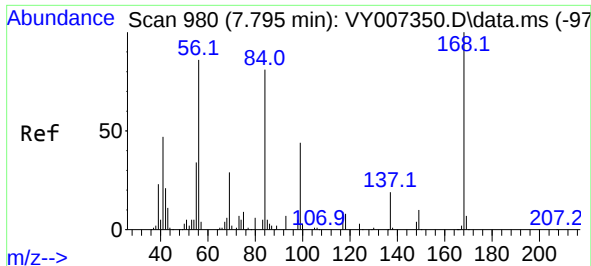
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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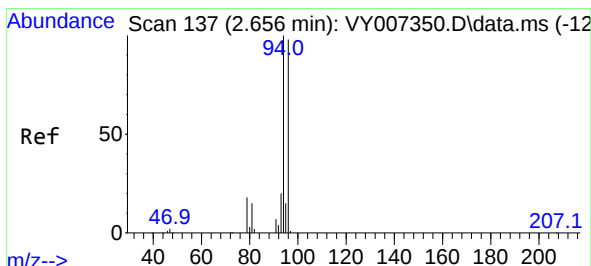
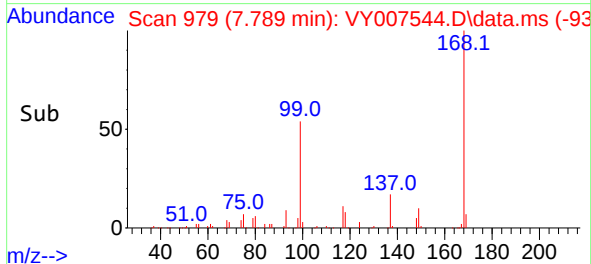
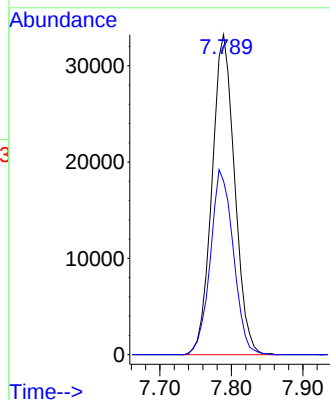
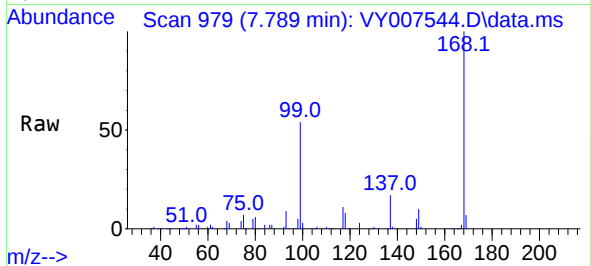




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

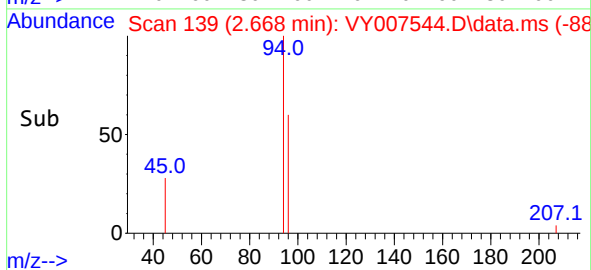
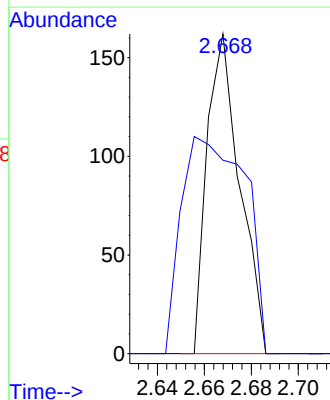
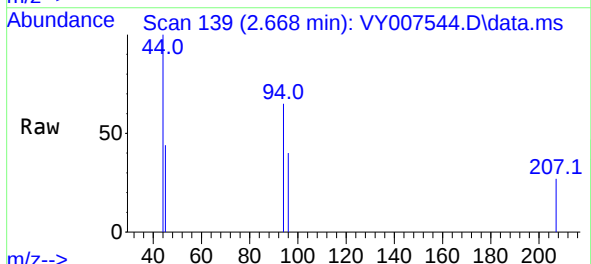
Instrument :
MSVOA_Y
ClientSampleId :
D-3

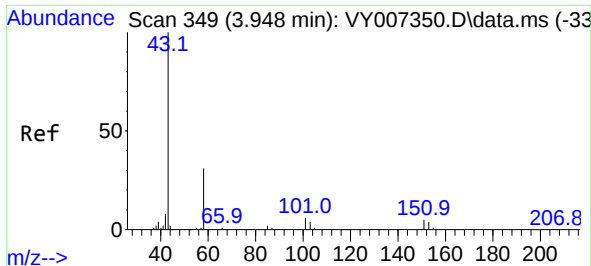
Tgt Ion:168 Resp: 73091
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

Tgt Ion: 94 Resp: 157
Ion Ratio Lower Upper
94 100
96 60.5 73.5 110.3#

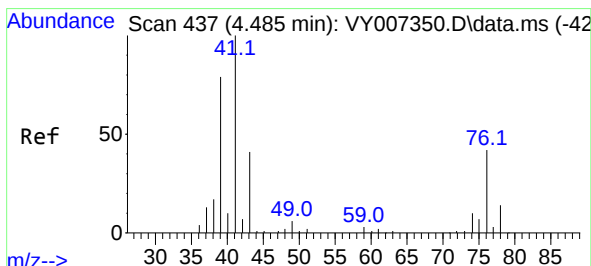
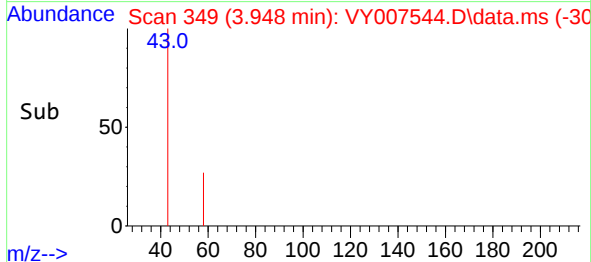
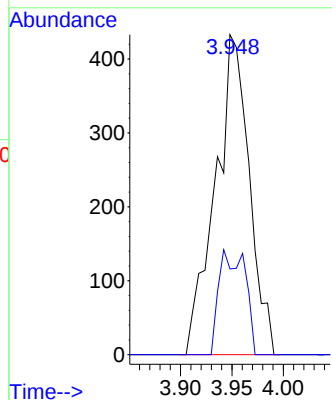
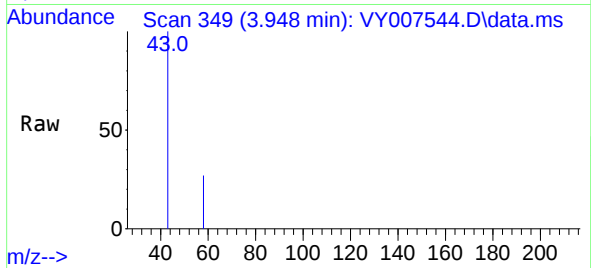




#16
Acetone
Concen: 4.643 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

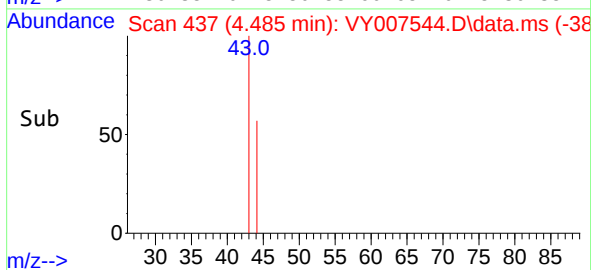
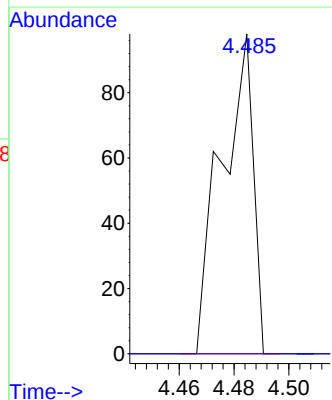
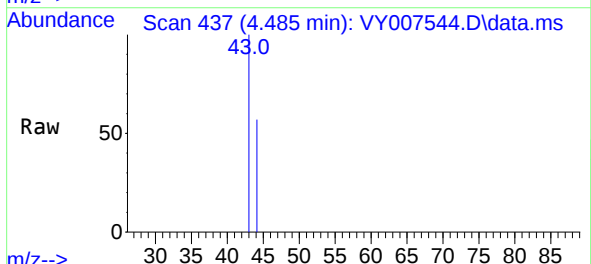
Instrument :
MSVOA_Y
ClientSampleId :
D-3

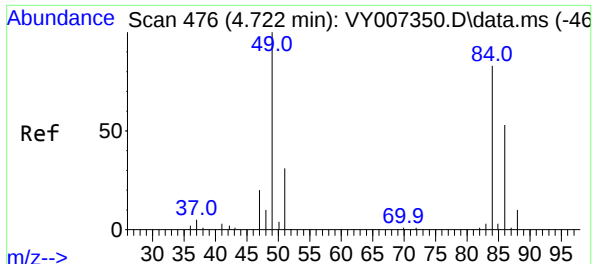
Tgt Ion: 43 Resp: 994
Ion Ratio Lower Upper
43 100
58 26.8 22.0 33.0



#18
Methyl Acetate
Concen: 1.532 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



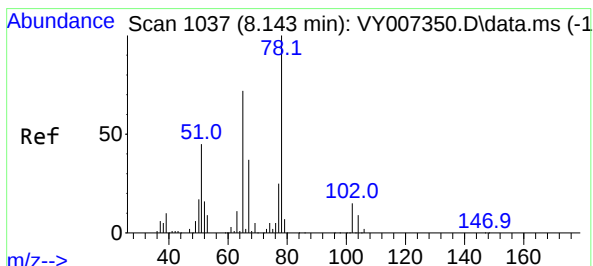
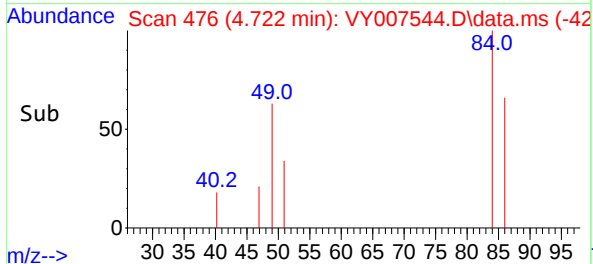
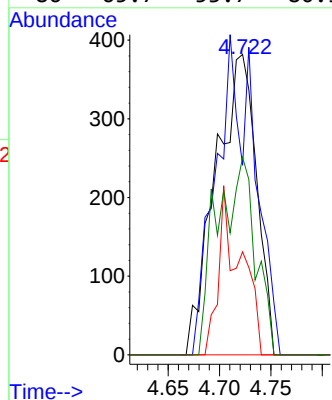
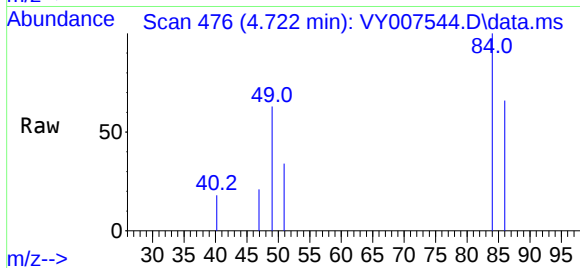


#20
Methylene Chloride
Concen: 1.203 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

Instrument :
MSVOA_Y
ClientSampleId :
D-3

Tgt Ion: 84 Resp: 1056

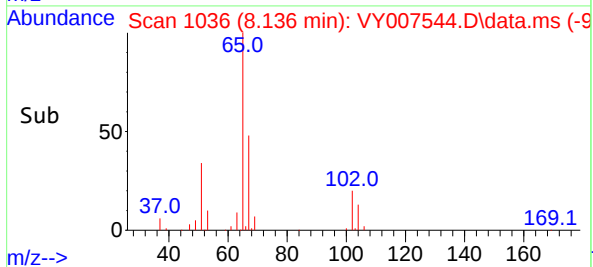
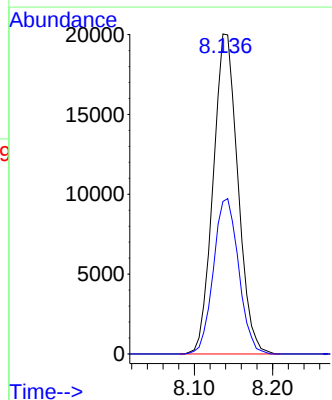
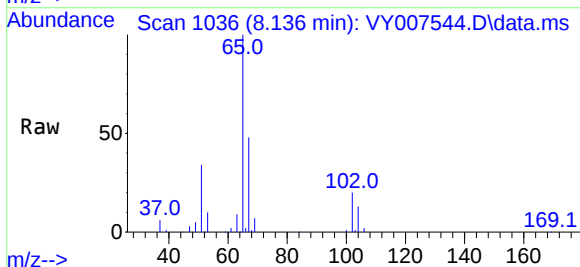
Ion	Ratio	Lower	Upper
84	100		
49	63.1	114.4	171.6#
51	34.3	35.3	52.9#
86	65.7	53.7	80.5

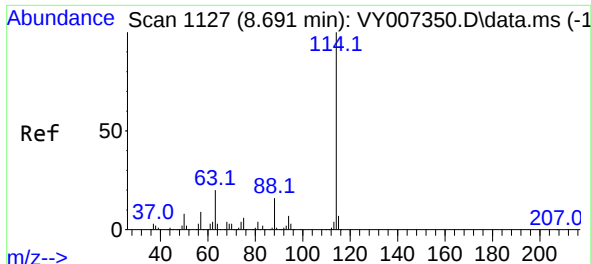


#33
1,2-Dichloroethane-d4
Concen: 54.530 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

Tgt Ion: 65 Resp: 44004

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY007544.D

Acq: 18 Feb 2022 14:54

Instrument :

MSVOA_Y

ClientSampleId :

D-3

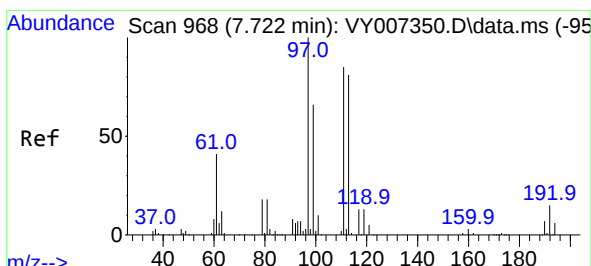
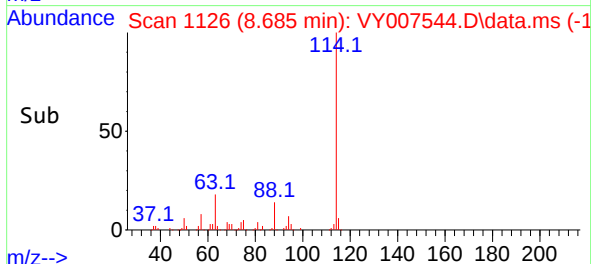
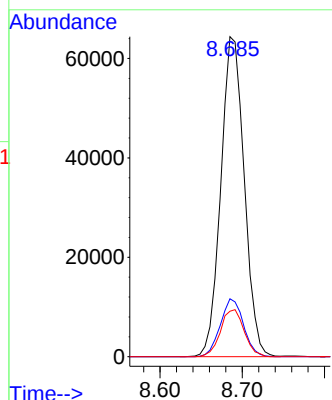
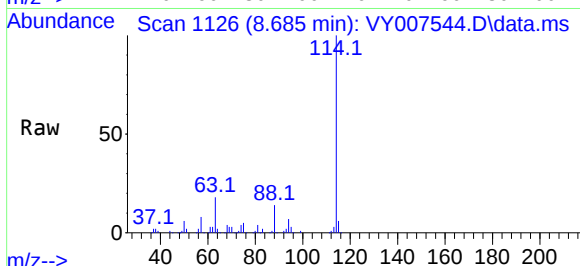
Tgt Ion:114 Resp: 127173

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.325 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007544.D

Acq: 18 Feb 2022 14:54

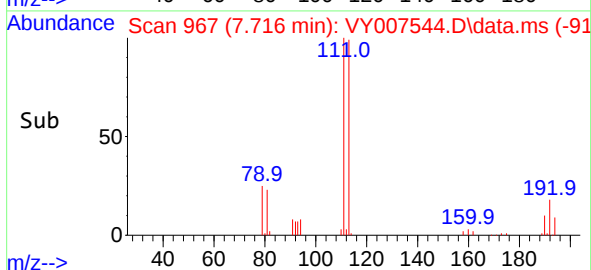
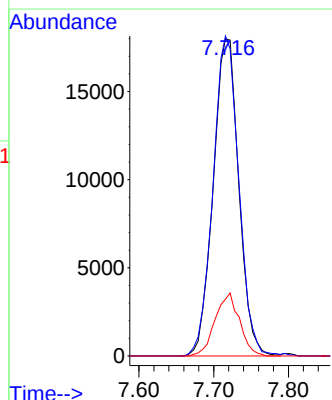
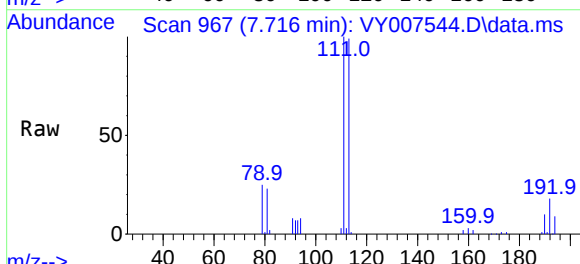
Tgt Ion:113 Resp: 42766

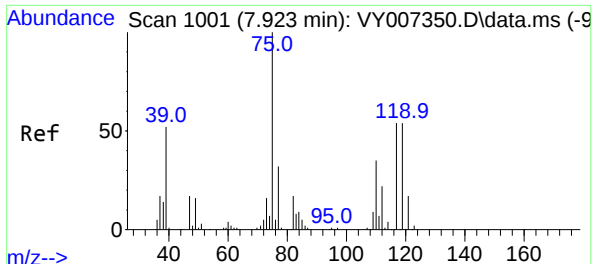
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 18.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.160 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY007544.D

Acq: 18 Feb 2022 14:54

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D-3

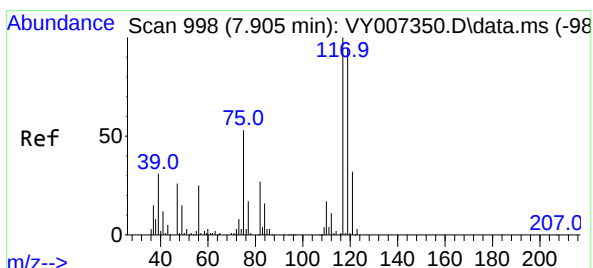
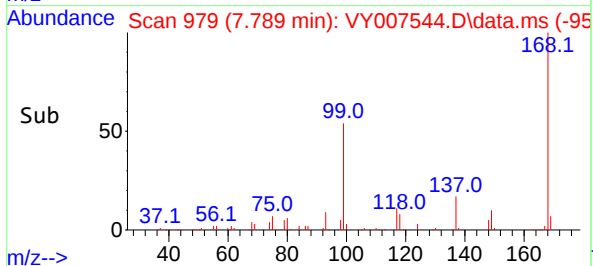
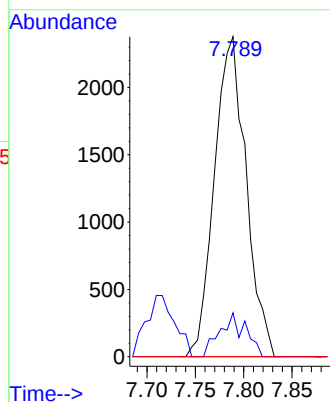
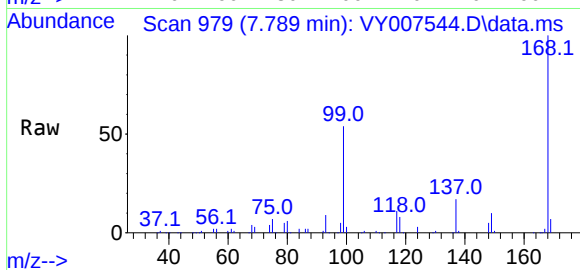
Tgt Ion: 75 Resp: 5405

Ion Ratio Lower Upper

75 100

110 11.1 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.259 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY007544.D

Acq: 18 Feb 2022 14:54

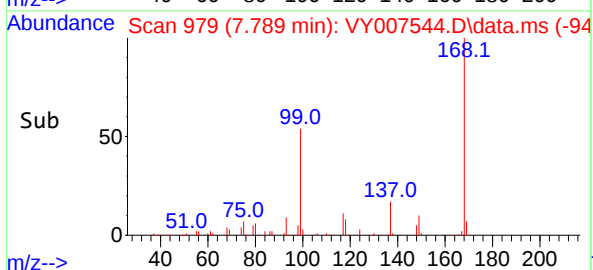
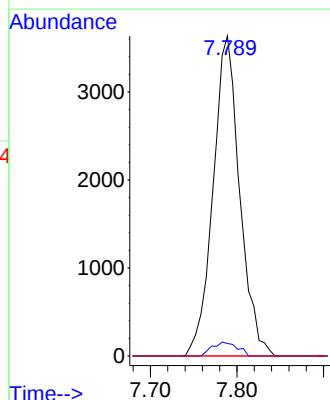
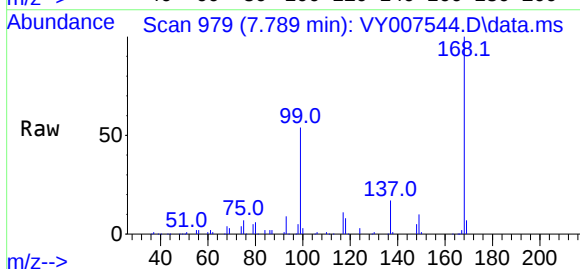
Tgt Ion: 117 Resp: 7764

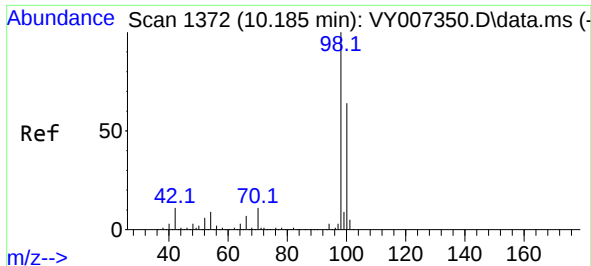
Ion Ratio Lower Upper

117 100

119 3.9 77.9 116.9#

121 0.0 24.8 37.2#

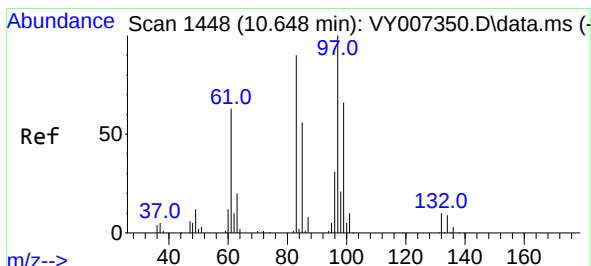
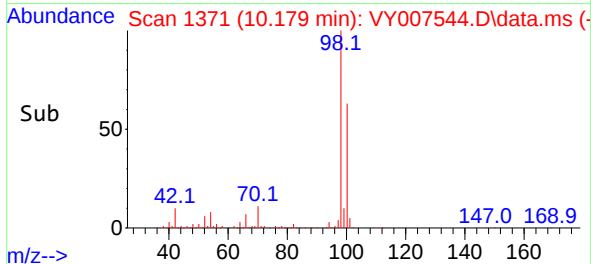
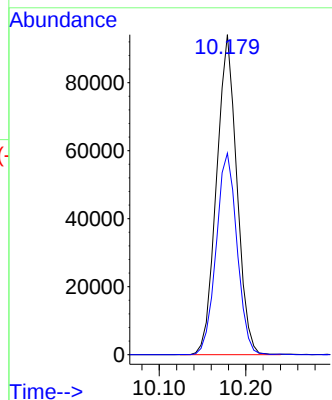
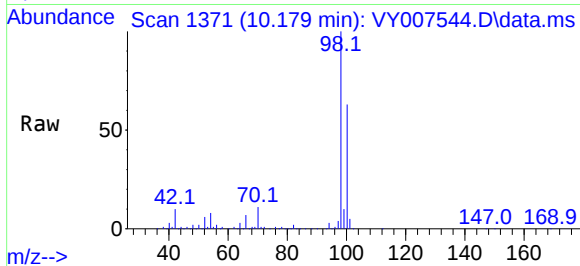




#50
Toluene-d8
Concen: 50.229 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

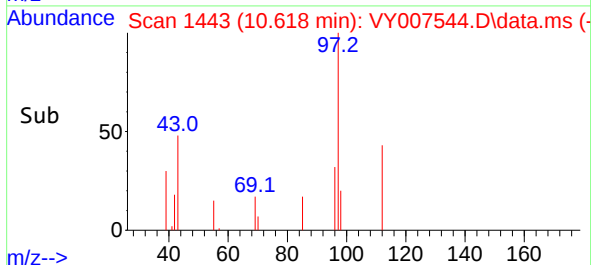
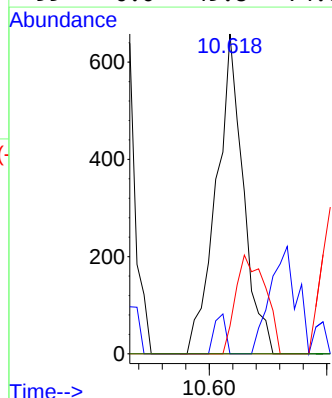
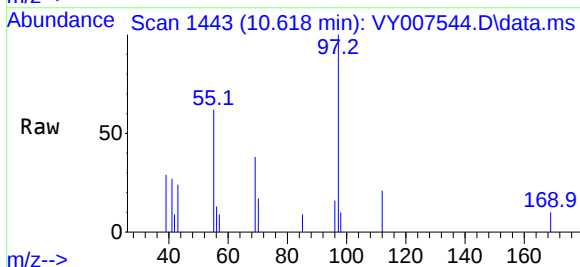
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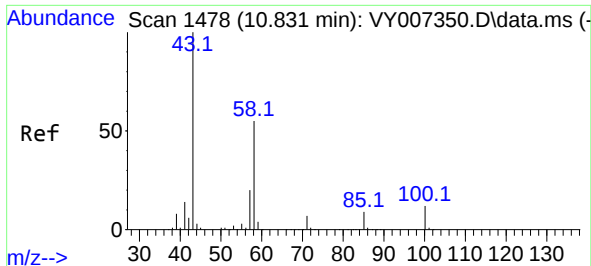
Tgt Ion: 98 Resp: 153000
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#55
1,1,2-Trichloroethane
Concen: 1.505 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.030 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

Tgt Ion: 97 Resp: 1053
Ion Ratio Lower Upper
97 100
83 0.0 69.8 104.8#
85 8.7 44.3 66.5#
99 0.0 49.8 74.6#

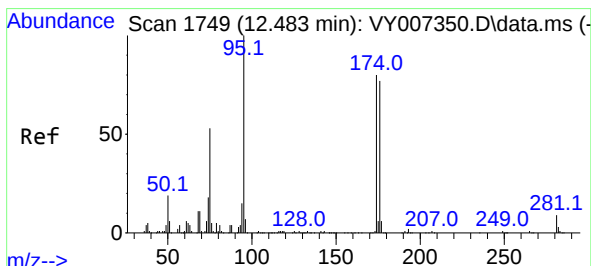
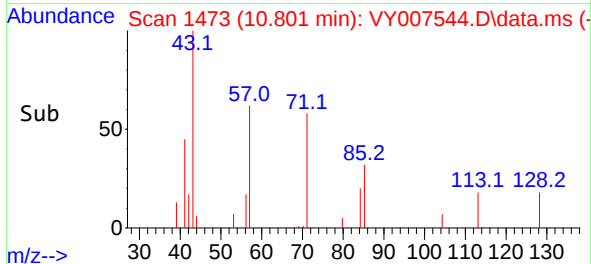
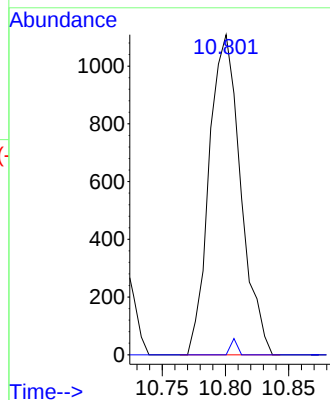
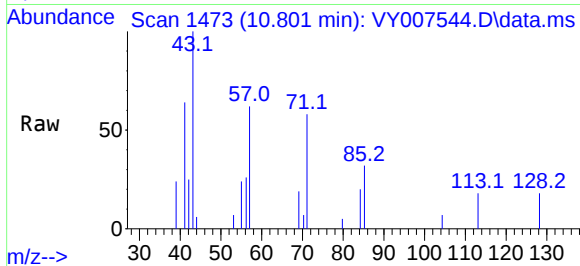




#59
2-Hexanone
Concen: 4.505 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

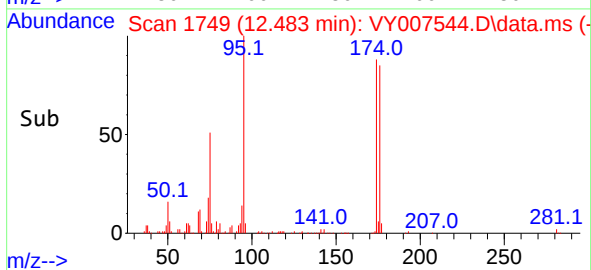
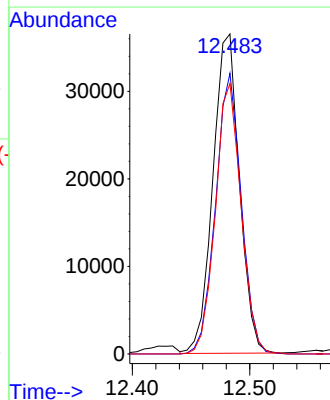
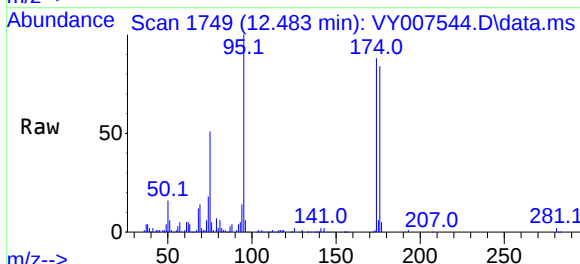
Instrument :
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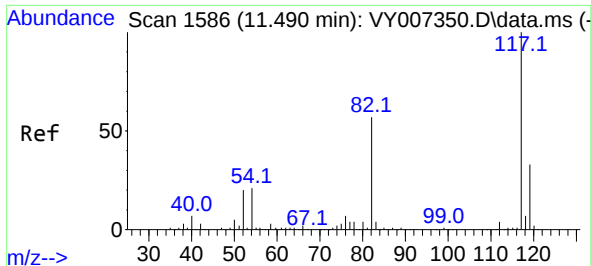
Tgt Ion: 43 Resp: 1926
Ion Ratio Lower Upper
43 100
58 1.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 55.280 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

Tgt Ion: 95 Resp: 57096
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 82.2 0.0 175.8

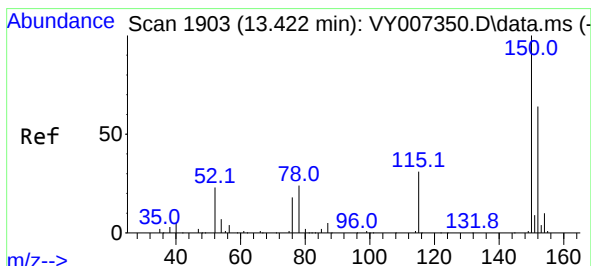
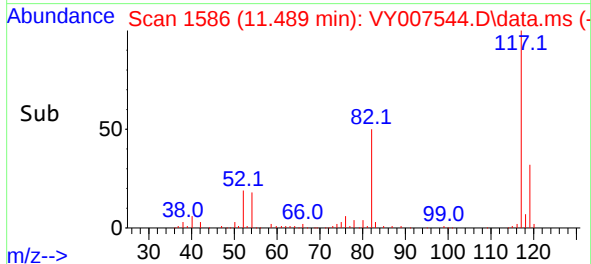
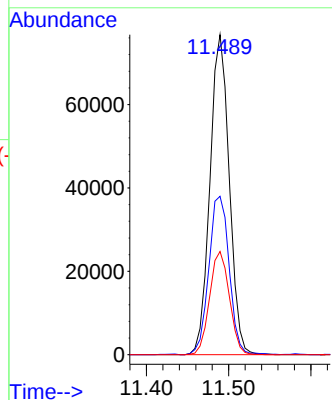
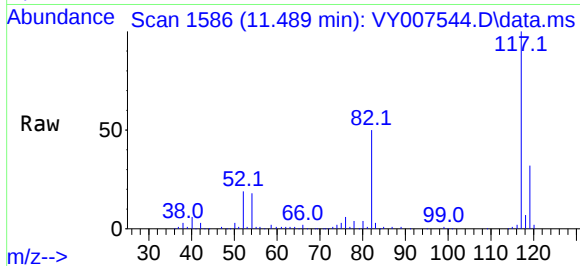




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

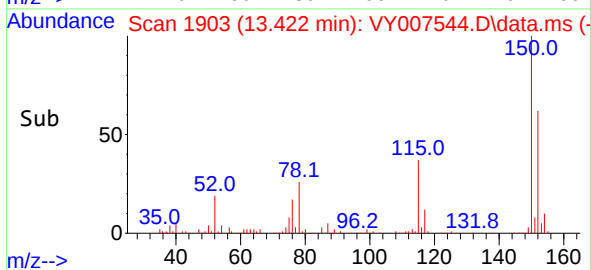
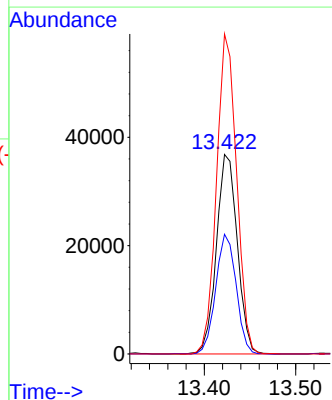
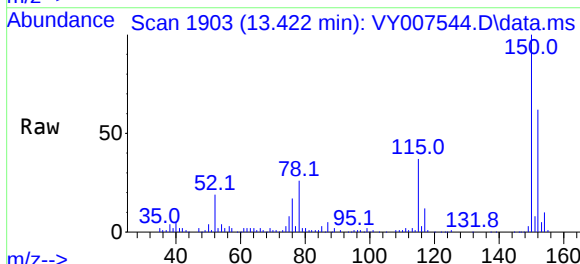
Instrument :
MSVOA_Y
ClientSampleId :
D-3

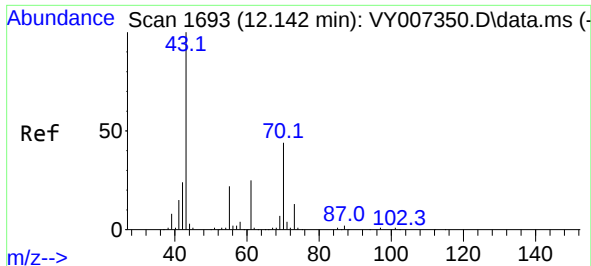
Tgt Ion:117 Resp: 125200
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

Tgt Ion:152 Resp: 58698
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 153.9 0.0 347.6

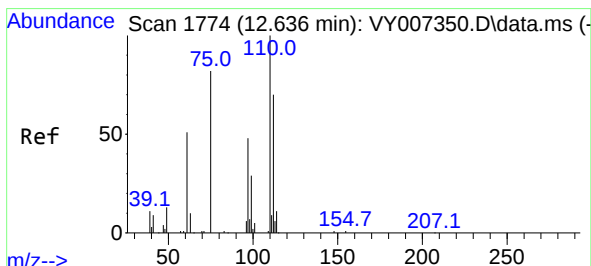
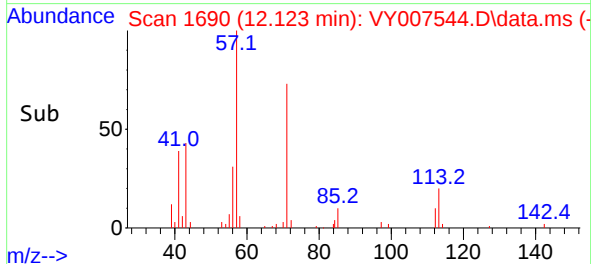
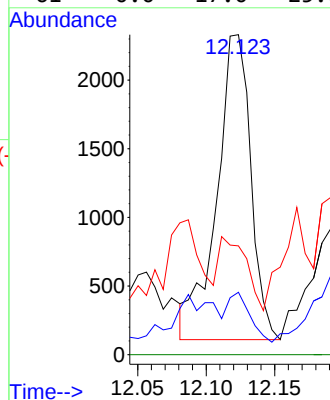
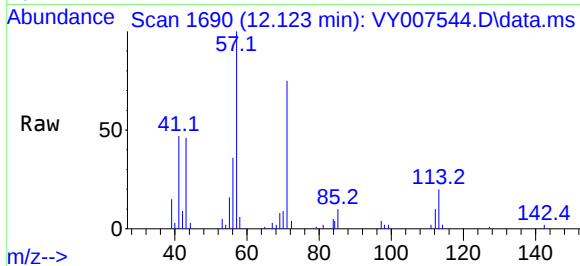




#74
N-amy1 acetate
Concen: 3.259 ug/l
RT: 12.123 min Scan# 1
Delta R.T. -0.019 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

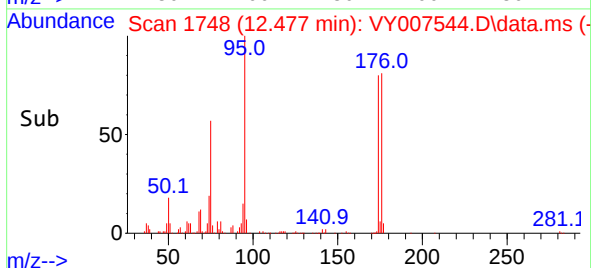
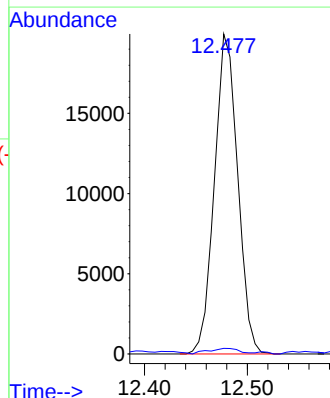
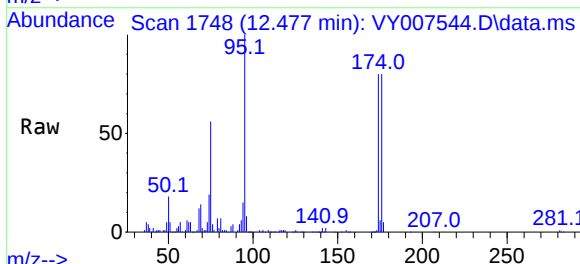
Instrument :
MSVOA_Y
ClientSampleId :
D-3

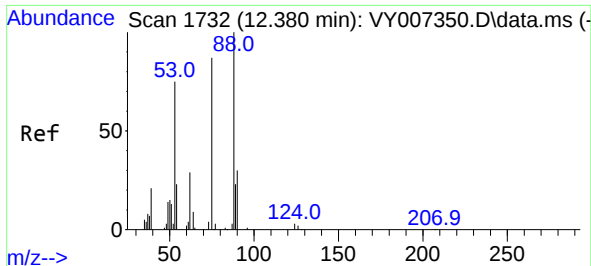
Tgt Ion:	43	Resp:	3837
Ion	Ratio	Lower	Upper
43	100		
70	10.5	28.7	43.1#
55	19.1	17.3	25.9
61	0.0	17.0	25.6#



#76
1,2,3-Trichloropropane
Concen: 46.188 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

Tgt Ion:	75	Resp:	31326
Ion	Ratio	Lower	Upper
75	100		
77	2.3	0.0	0.0#

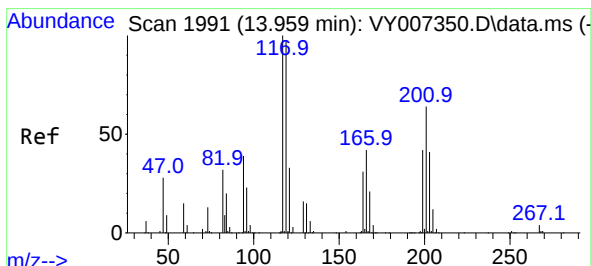
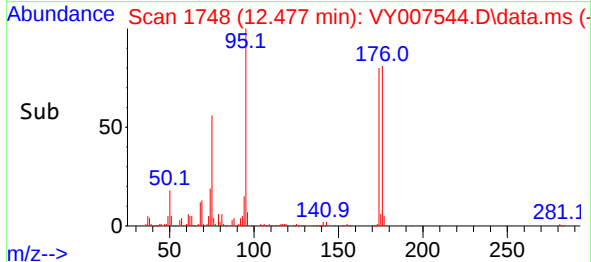
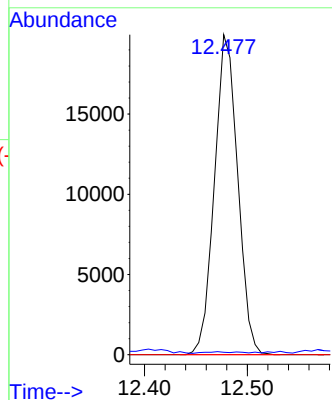
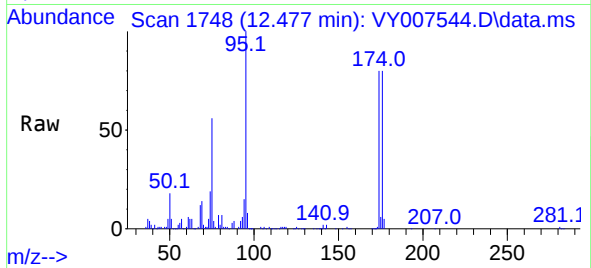




#81
trans-1,4-Dichloro-2-butene
Concen: 96.000 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

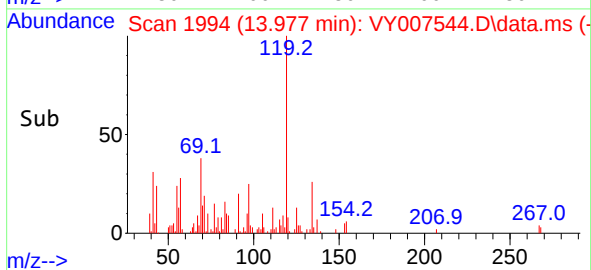
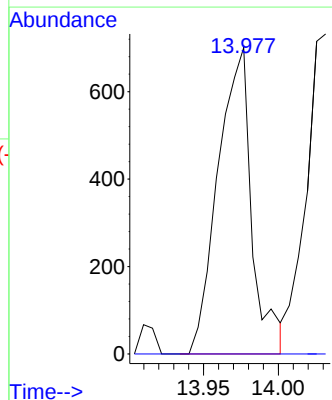
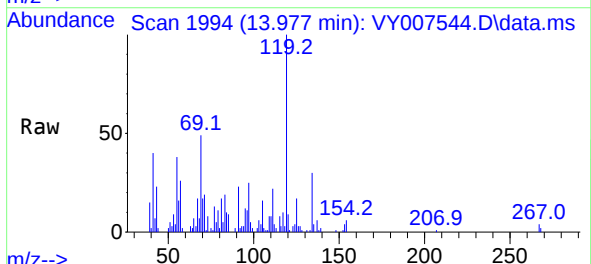
Instrument :
MSVOA_Y
ClientSampleId :
D-3

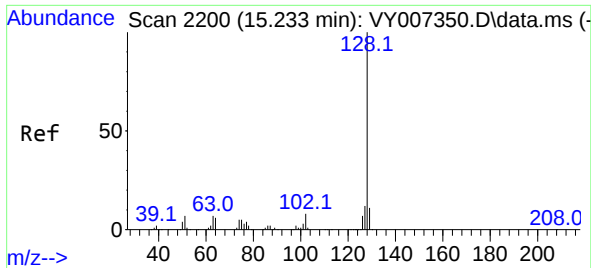
Tgt Ion: 75 Resp: 31326
Ion Ratio Lower Upper
75 100
53 0.5 85.3 127.9#
89 0.0 37.0 55.4#



#90
Hexachloroethane
Concen: 1.260 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.018 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

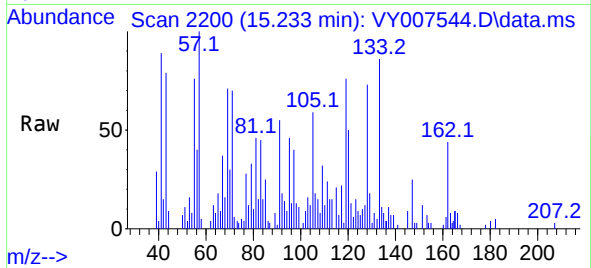
Tgt Ion: 117 Resp: 1101
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#





#95
Naphthalene
Concen: 1.418 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY007544.D
Acq: 18 Feb 2022 14:54

Instrument :
MSVOA_Y
ClientSampleId :
D-3



Tgt Ion:128 Resp: 3542
Ion Ratio Lower Upper
128 100
127 31.9 11.0 16.4#
129 9.5 8.4 12.6

