

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010319.D
 Acq On : 03 Sep 2022 14:48
 Operator : KP/MD
 Sample : N4451-01
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1

Quant Time: Sep 05 04:19:37 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)

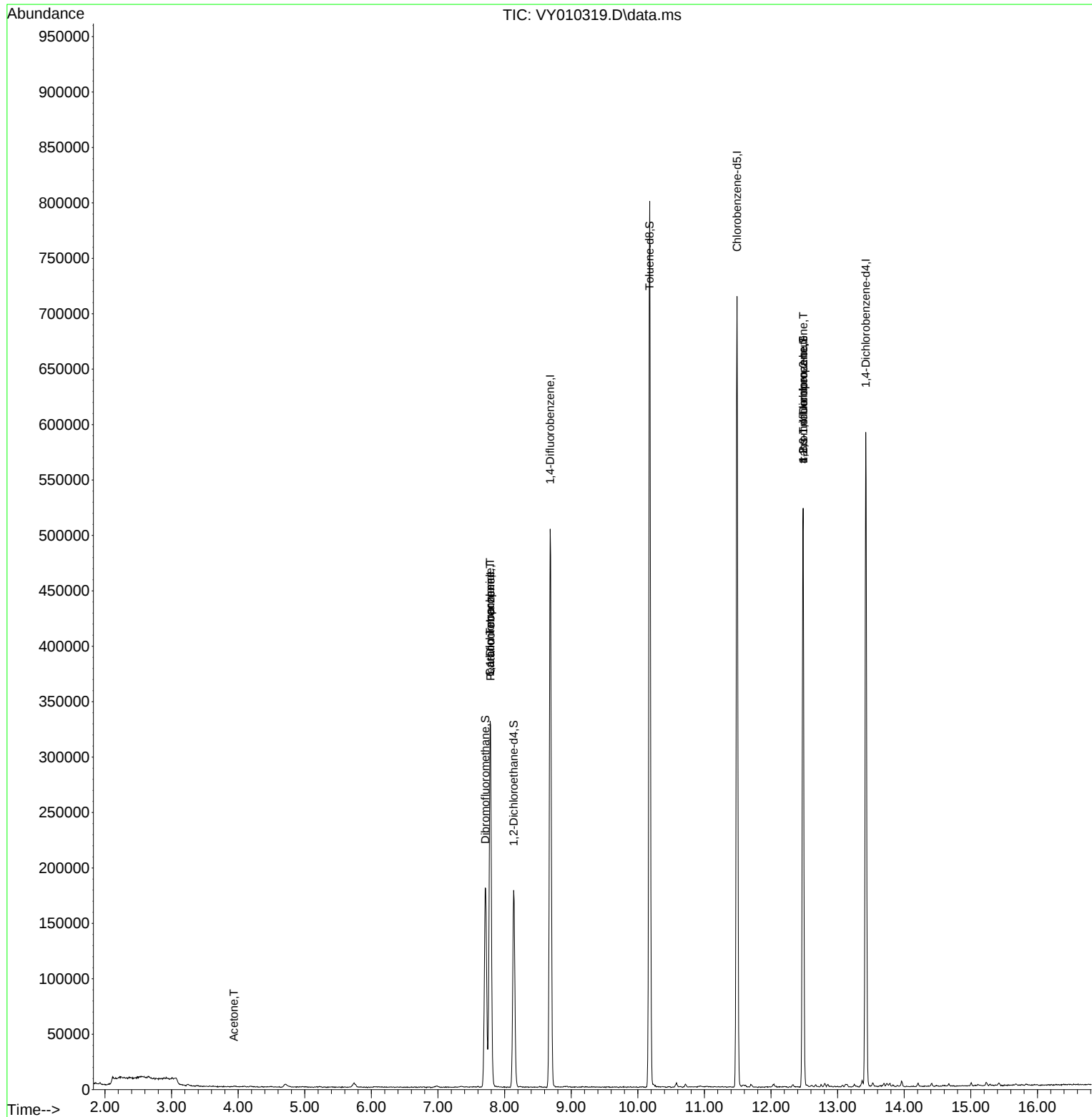
Internal Standards						
1) Pentafluorobenzene	7.789	168	266716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	442034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	389990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	139175	50.889	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.780%	
35) Dibromofluoromethane	7.710	113	130227	44.254	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.500%	
50) Toluene-d8	10.179	98	517057	52.481	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.960%	
62) 4-Bromofluorobenzene	12.483	95	162530	39.920	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.840%	
Target Compounds						Qvalue
5) Bromomethane	2.662	94	824	Below Cal	95	
16) Acetone	3.936	43	1076	1.574	ug/l #	78
36) 1,1-Dichloropropene	7.783	75	19519	4.521	ug/l #	50
38) Carbon Tetrachloride	7.783	117	25239	5.672	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.770	63	43	Below Cal	# 48	
76) 1,2,3-Trichloropropane	12.483	75	83204	44.285	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83204	92.384	ug/l #	7

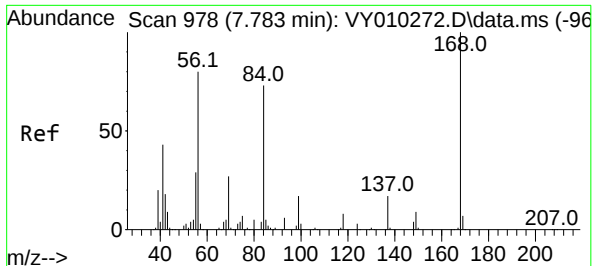
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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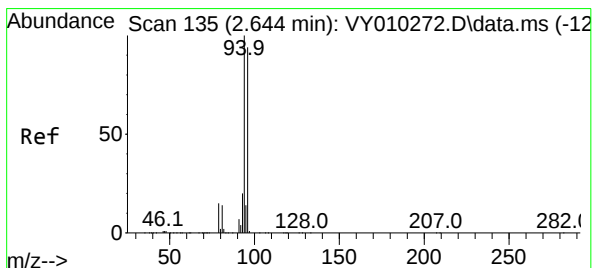
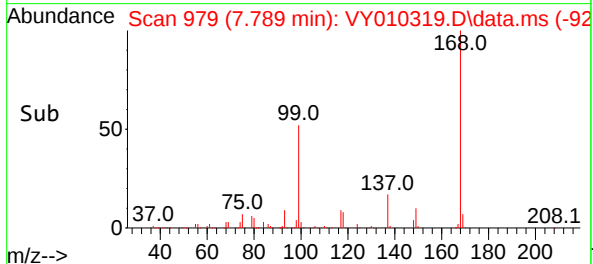
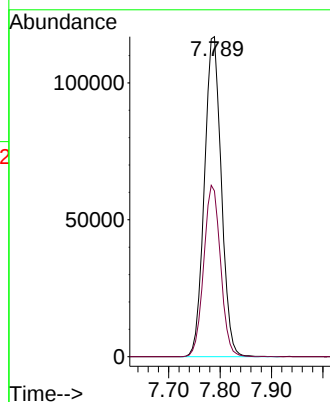
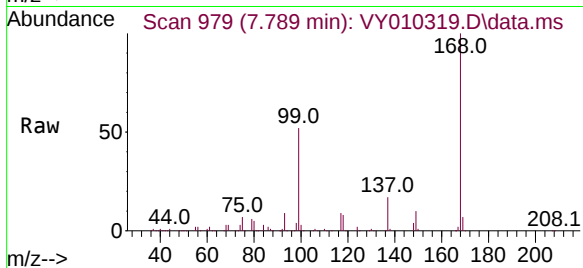




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010319.D
Acq: 03 Sep 2022 14:48

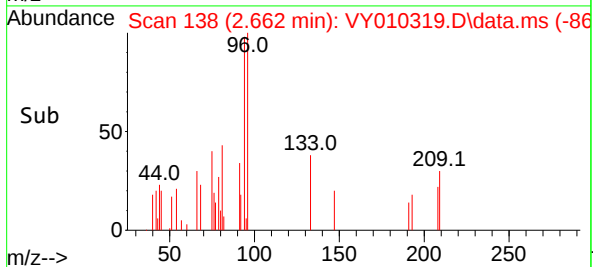
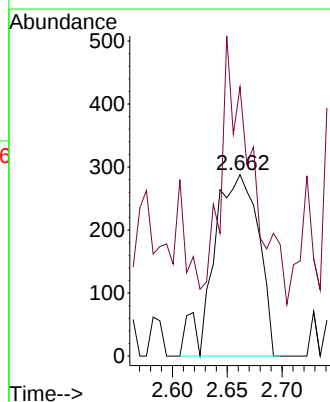
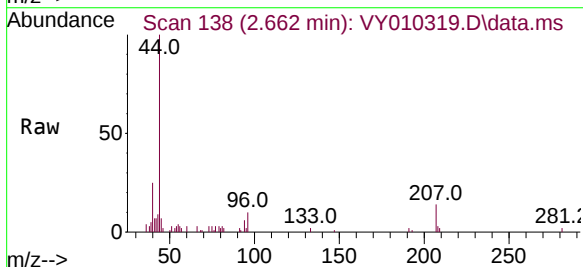
Instrument :
MSVOA_Y
ClientSampleId :
TP1

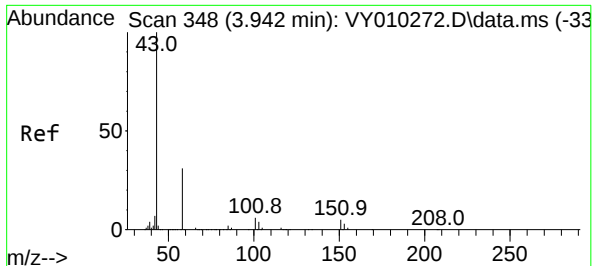
Tgt Ion:168 Resp: 266716
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.018 min
Lab File: VY010319.D
Acq: 03 Sep 2022 14:48

Tgt Ion: 94 Resp: 824
Ion Ratio Lower Upper
94 100
96 86.8 73.5 110.3

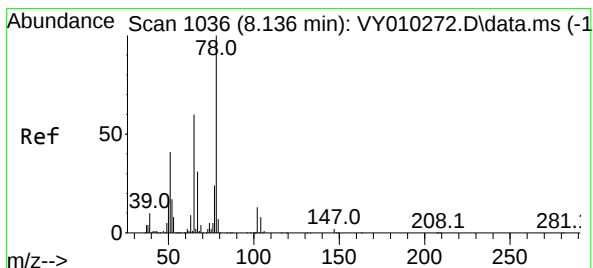
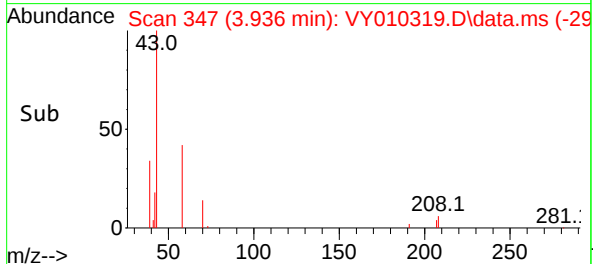
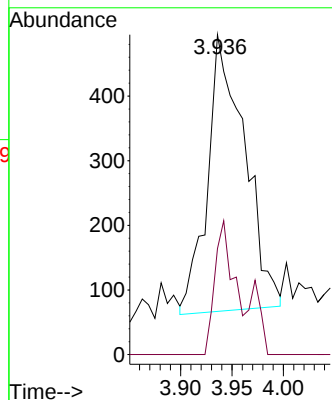
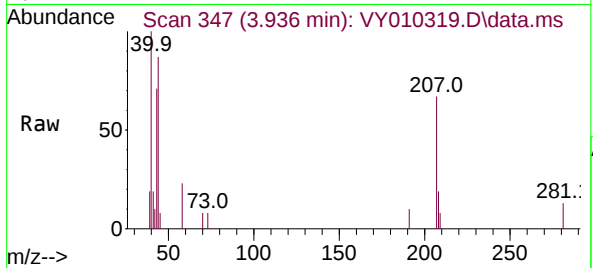




#16
Acetone
Concen: 1.574 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY010319.D
Acq: 03 Sep 2022 14:48

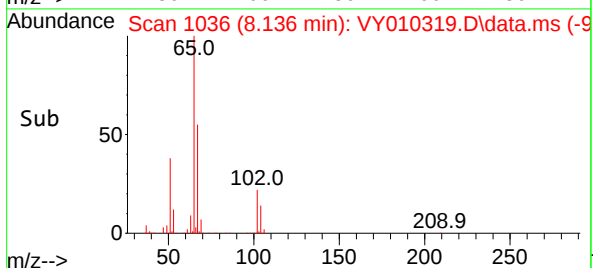
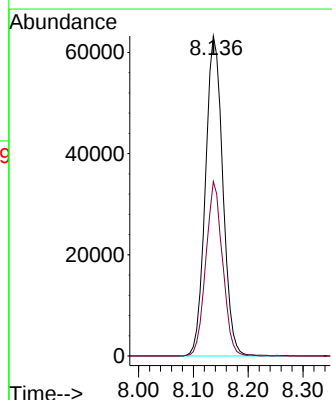
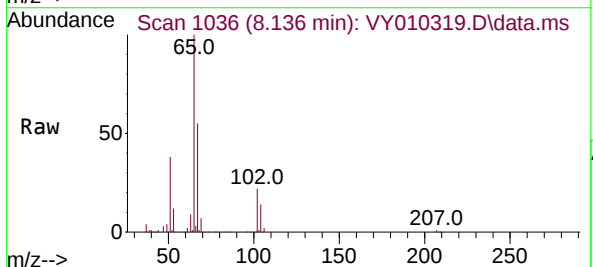
Instrument :
MSVOA_Y
ClientSampleId :
TP1

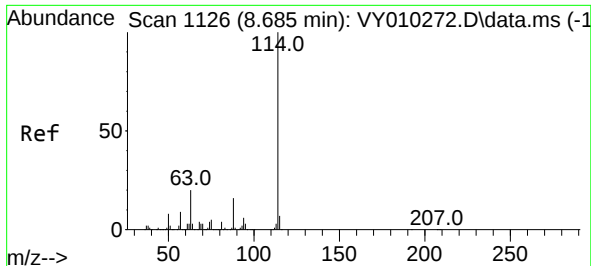
Tgt Ion: 43 Resp: 1076
Ion Ratio Lower Upper
43 100
58 39.0 22.0 33.0#



#33
1,2-Dichloroethane-d4
Concen: 50.889 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010319.D
Acq: 03 Sep 2022 14:48

Tgt Ion: 65 Resp: 139175
Ion Ratio Lower Upper
65 100
67 52.5 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: VY010319.D

Acq: 03 Sep 2022 14:48

Instrument :

MSVOA_Y

ClientSampleId :

TP1

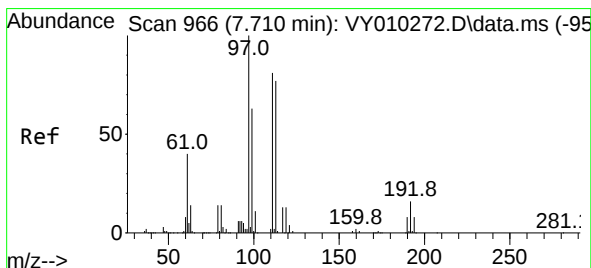
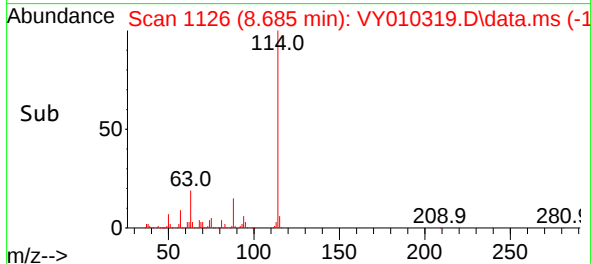
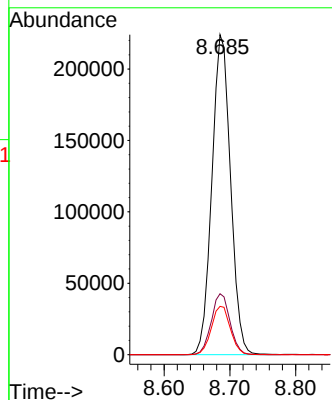
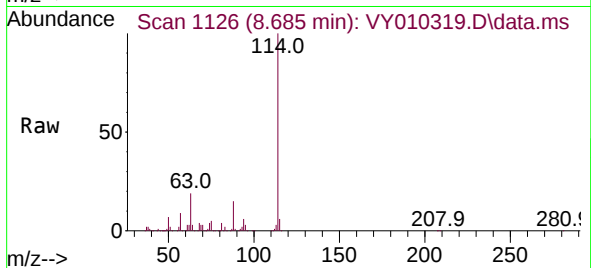
Tgt Ion:114 Resp: 442034

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.254 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010319.D

Acq: 03 Sep 2022 14:48

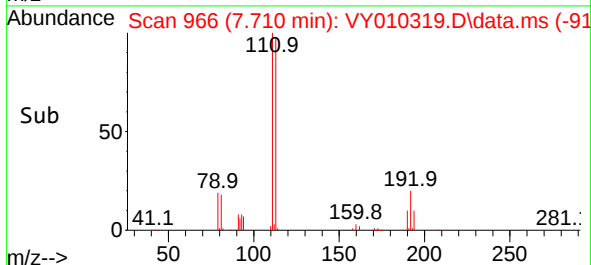
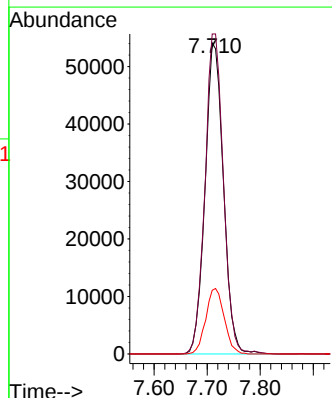
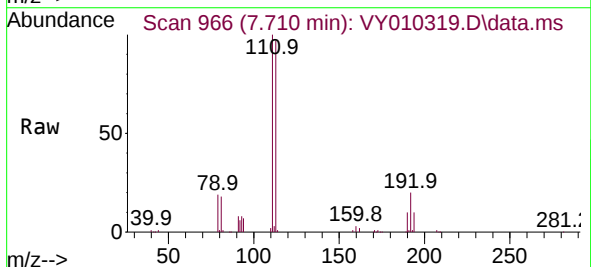
Tgt Ion:113 Resp: 130227

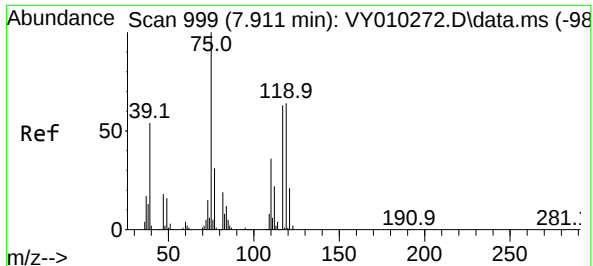
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 21.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.521 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY010319.D

Acq: 03 Sep 2022 14:48

Instrument :

MSVOA_Y

ClientSampleId :

TP1

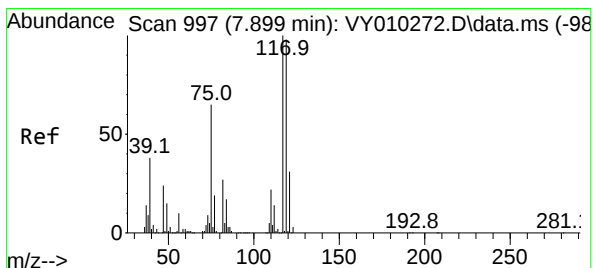
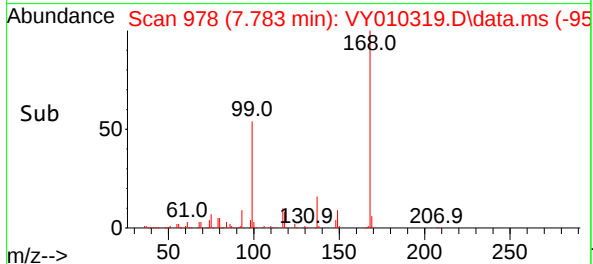
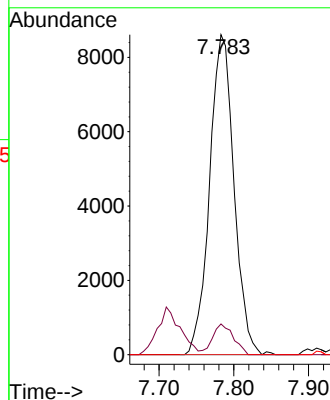
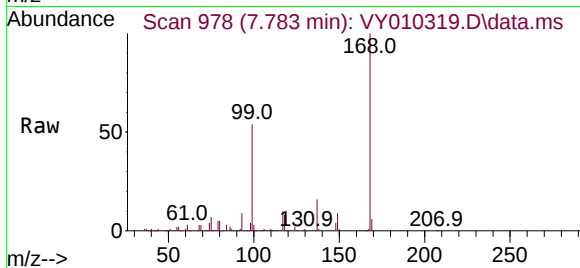
Tgt Ion: 75 Resp: 19519

Ion Ratio Lower Upper

75 100

110 8.3 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.672 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY010319.D

Acq: 03 Sep 2022 14:48

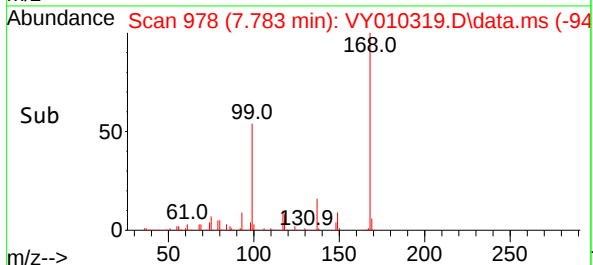
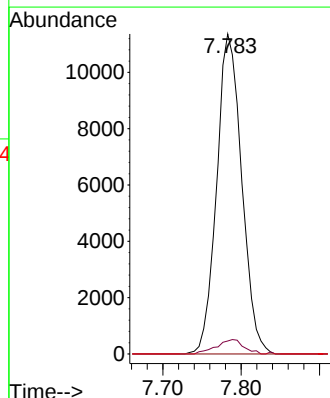
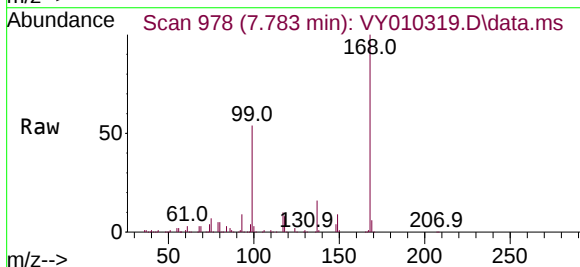
Tgt Ion: 117 Resp: 25239

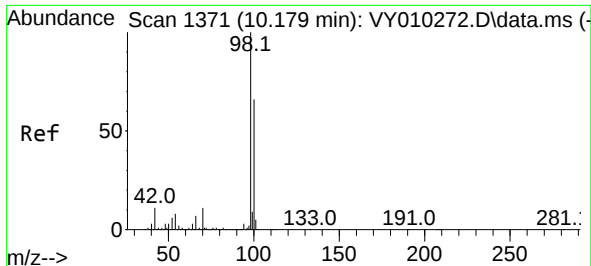
Ion Ratio Lower Upper

117 100

119 4.1 77.9 116.9#

121 0.0 24.8 37.2#

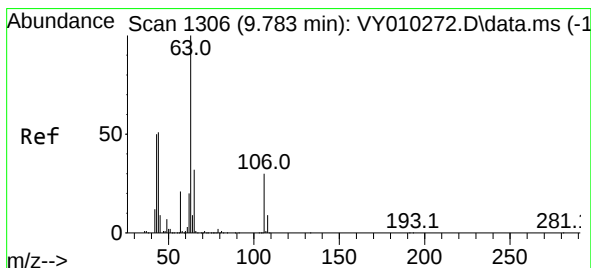
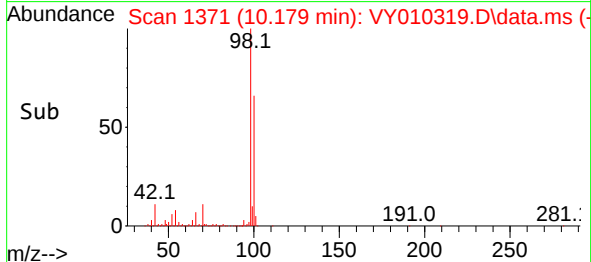
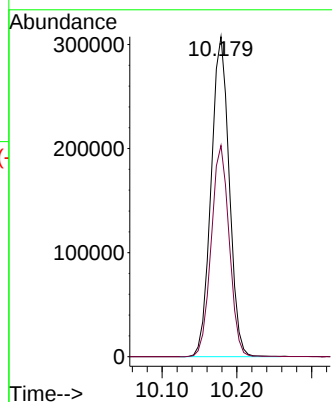
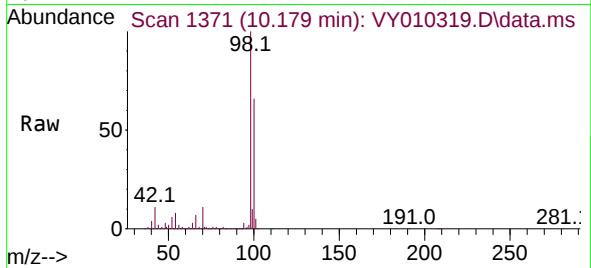




#50
Toluene-d8
Concen: 52.481 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010319.D
Acq: 03 Sep 2022 14:48

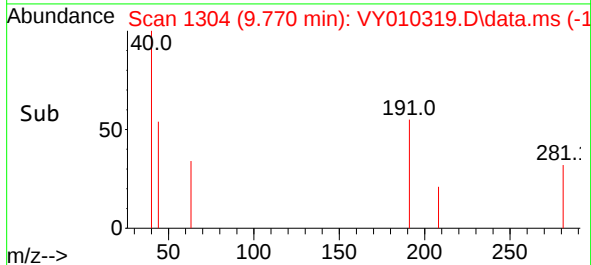
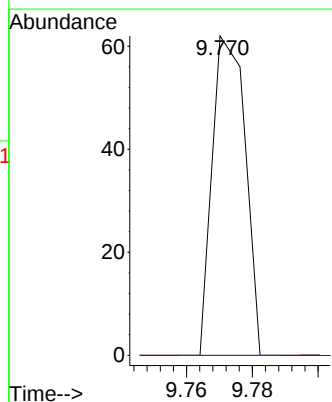
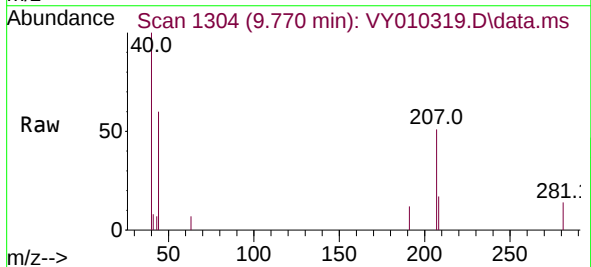
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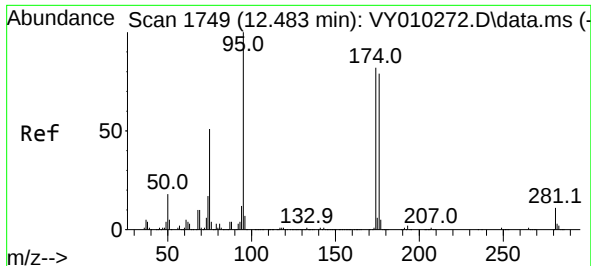
Tgt Ion: 98 Resp: 517057
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.770 min Scan# 1304
Delta R.T. -0.013 min
Lab File: VY010319.D
Acq: 03 Sep 2022 14:48

Tgt Ion: 63 Resp: 43
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#





#62

4-Bromofluorobenzene

Concen: 39.920 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010319.D

Acq: 03 Sep 2022 14:48

Instrument :

MSVOA_Y

ClientSampleId :

TP1

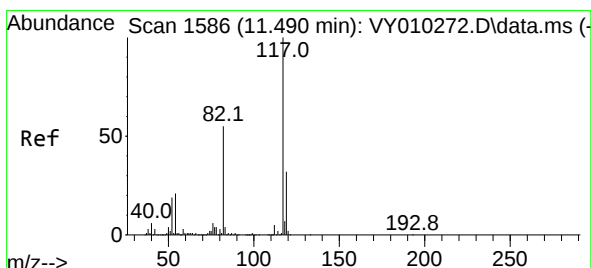
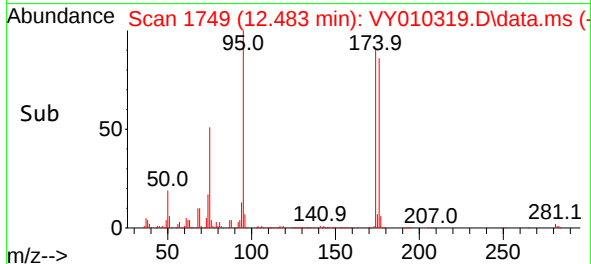
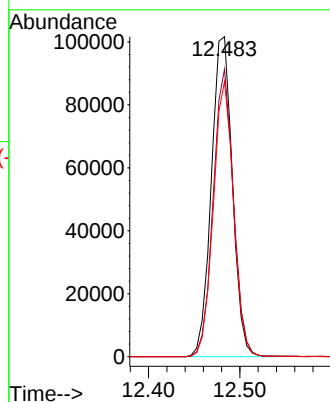
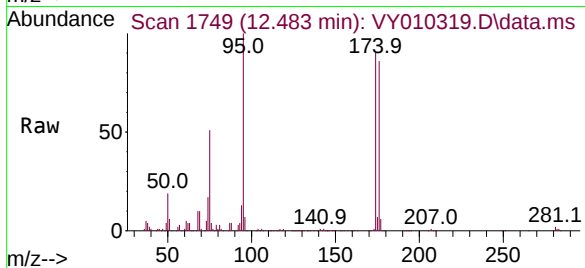
Tgt Ion: 95 Resp: 162530

Ion Ratio Lower Upper

95 100

174 86.5 0.0 177.0

176 82.9 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY010319.D

Acq: 03 Sep 2022 14:48

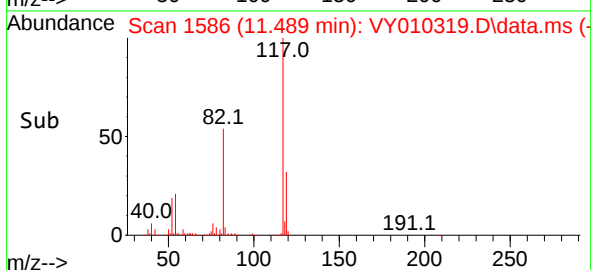
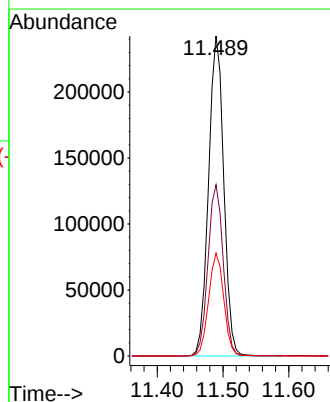
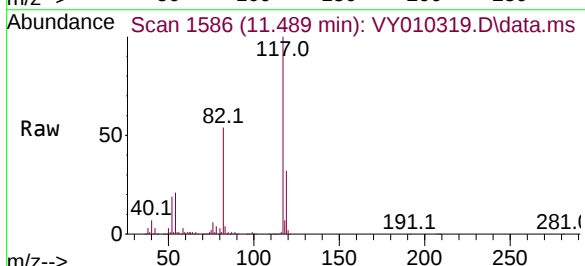
Tgt Ion: 117 Resp: 389990

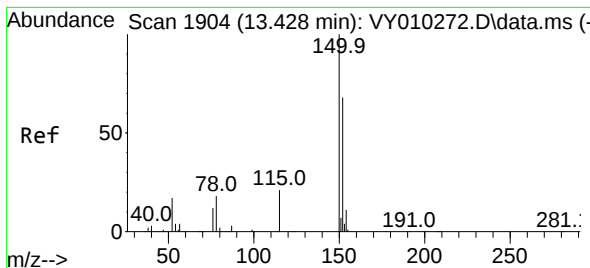
Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.4

119 32.1 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY010319.D

Acq: 03 Sep 2022 14:48

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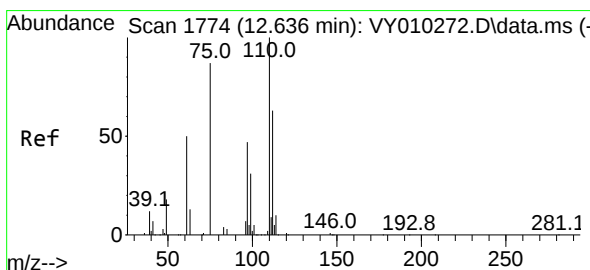
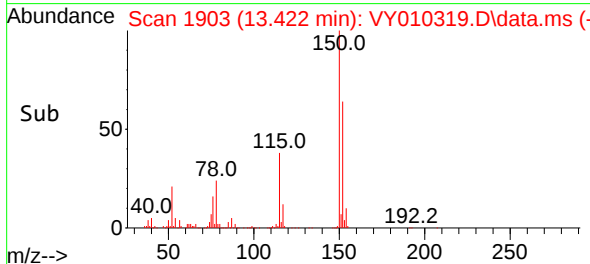
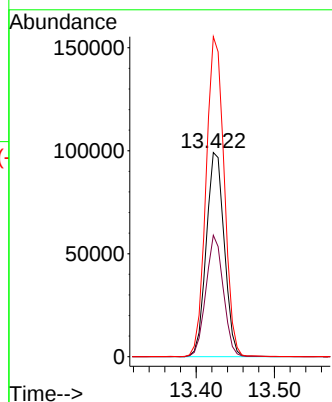
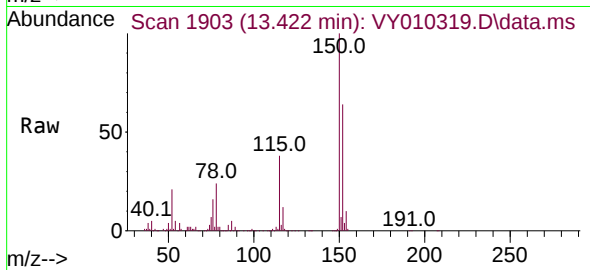
Tgt Ion:152 Resp: 157879

Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 157.7 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 44.285 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY010319.D

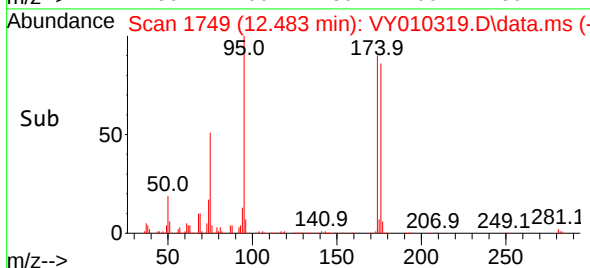
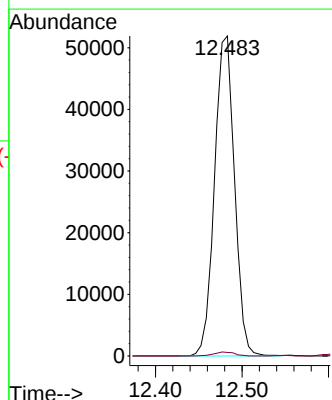
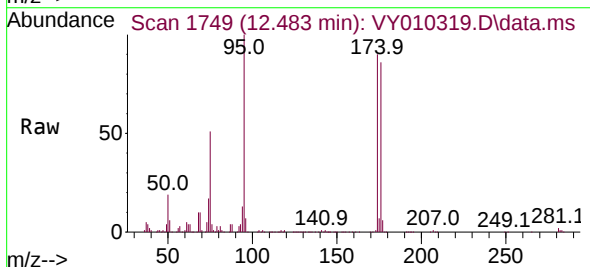
Acq: 03 Sep 2022 14:48

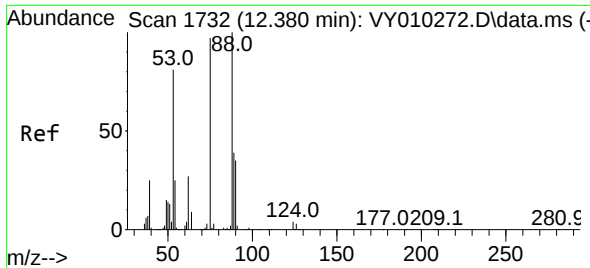
Tgt Ion: 75 Resp: 83204

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.384 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010319.D
 Acq: 03 Sep 2022 14:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1

Tgt Ion: 75 Resp: 83204
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

