

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010322.D
 Acq On : 03 Sep 2022 15:58
 Operator : KP/MD
 Sample : N4419-07
 Misc : 3.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 KTS2-MH-01-16-17

Quant Time: Sep 05 04:20:32 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)

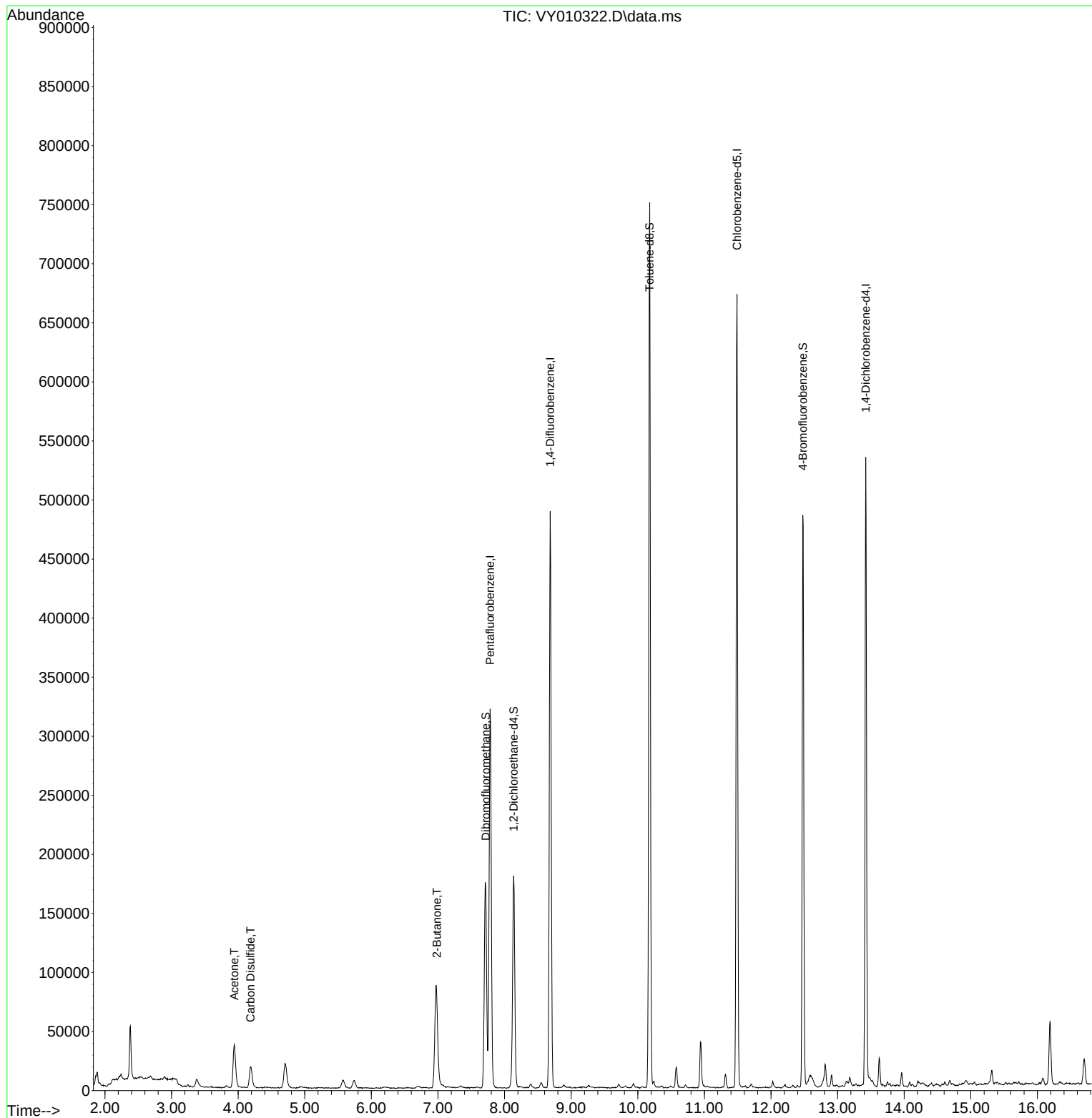
Internal Standards						
1) Pentafluorobenzene	7.783	168	257368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	418974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	369554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	136225	51.620	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.240%	
35) Dibromofluoromethane	7.716	113	127216	45.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.220%	
50) Toluene-d8	10.179	98	490997	52.579	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.160%	
62) 4-Bromofluorobenzene	12.477	95	149617	38.563	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.120%	
Target Compounds						
						Qvalue
16) Acetone	3.942	43	64106	97.171	ug/l	92
17) Carbon Disulfide	4.186	76	31777	4.072	ug/l	99
25) 2-Butanone	6.984	43	22948	21.195	ug/l	95

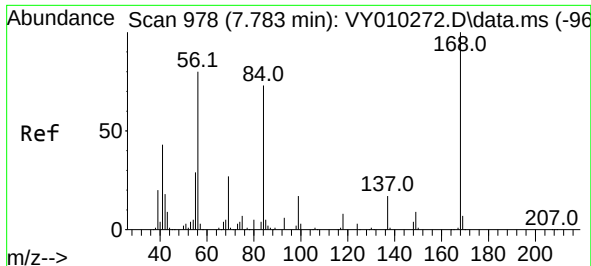
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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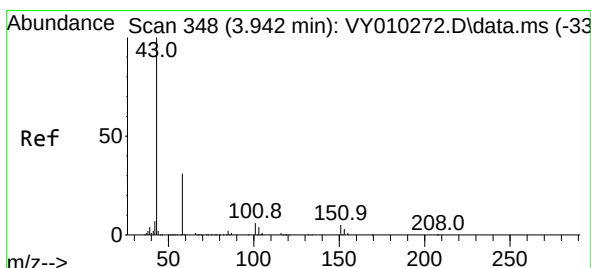
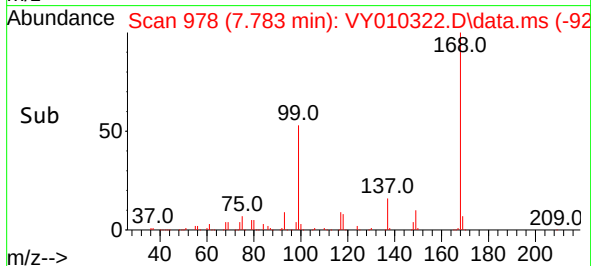
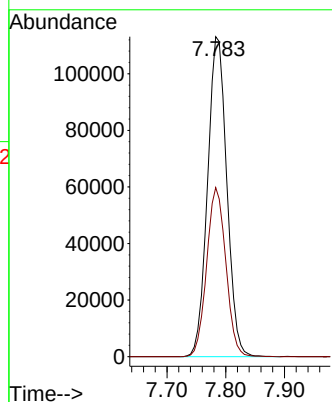
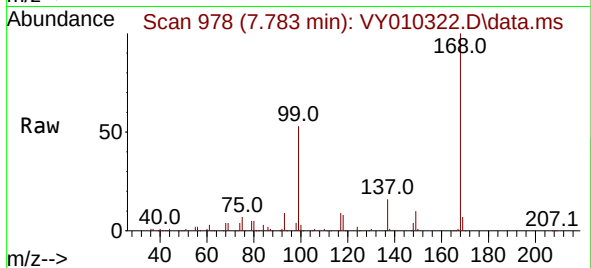




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010322.D
Acq: 03 Sep 2022 15:58

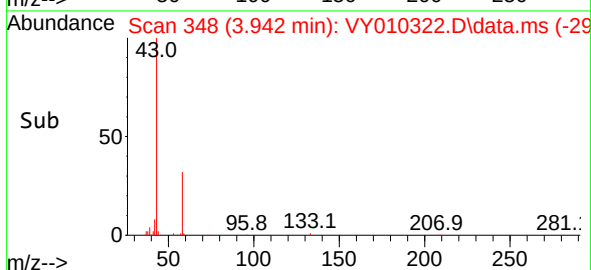
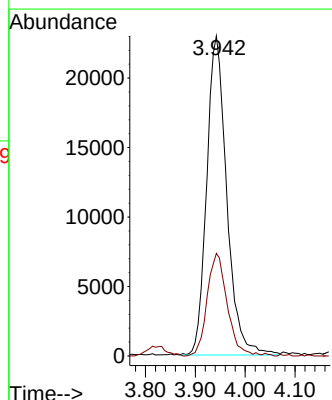
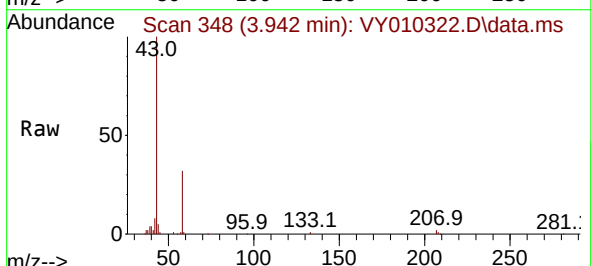
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-MH-01-16-17

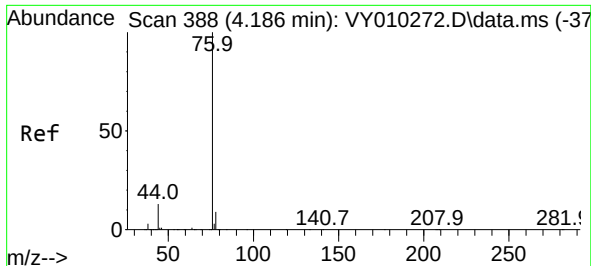
Tgt Ion:168 Resp: 257368
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#16
Acetone
Concen: 97.171 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010322.D
Acq: 03 Sep 2022 15:58

Tgt Ion: 43 Resp: 64106
Ion Ratio Lower Upper
43 100
58 31.7 22.0 33.0

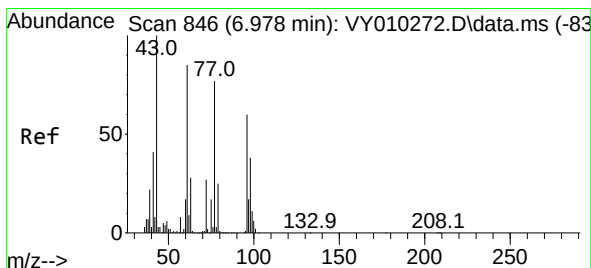
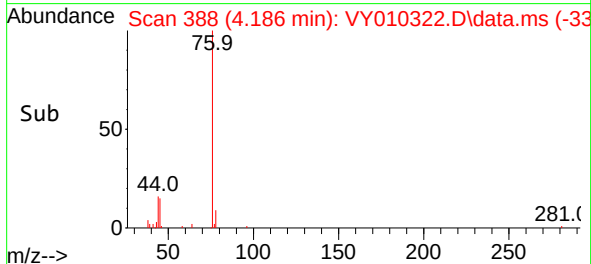
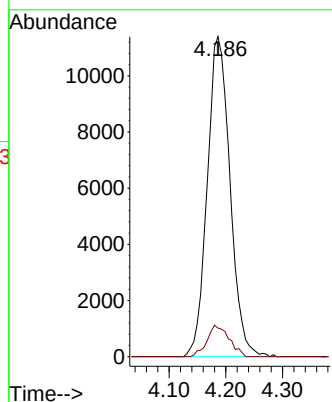
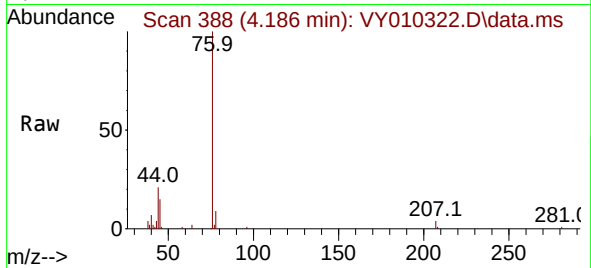




#17
Carbon Disulfide
Concen: 4.072 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY010322.D
Acq: 03 Sep 2022 15:58

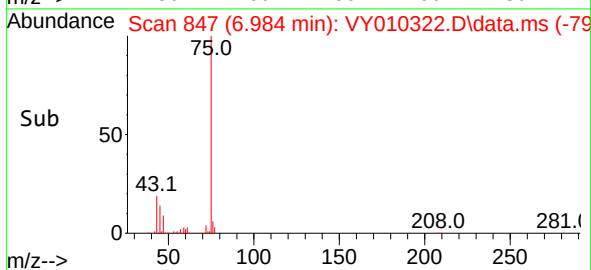
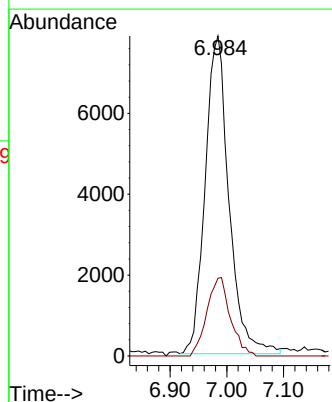
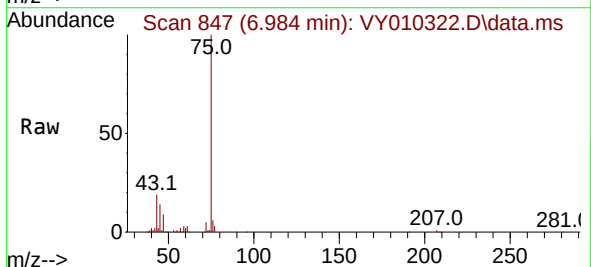
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-MH-01-16-17

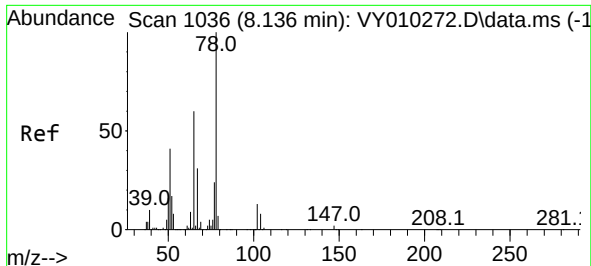
Tgt Ion: 76 Resp: 31777
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#25
2-Butanone
Concen: 21.195 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY010322.D
Acq: 03 Sep 2022 15:58

Tgt Ion: 43 Resp: 22948
Ion Ratio Lower Upper
43 100
72 24.5 17.7 26.5





#33

1,2-Dichloroethane-d4

Concen: 51.620 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY010322.D

Acq: 03 Sep 2022 15:58

Instrument :

MSVOA_Y

ClientSampleId :

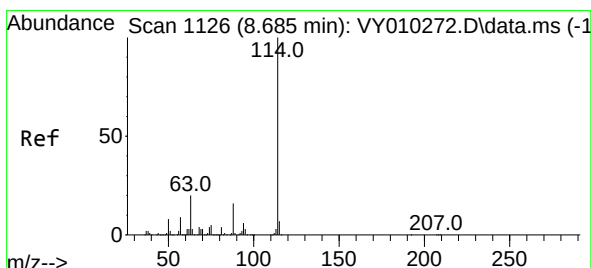
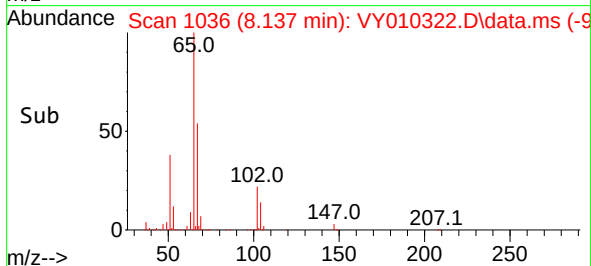
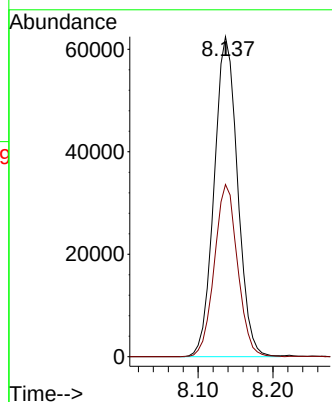
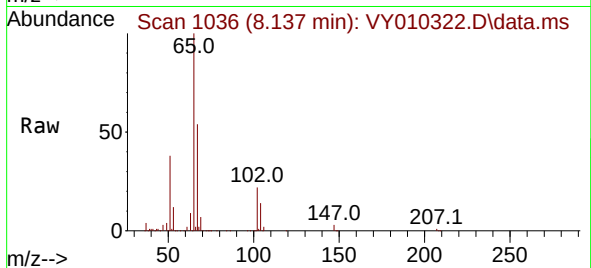
KTS2-MH-01-16-17

Tgt Ion: 65 Resp: 136225

Ion Ratio Lower Upper

65 100

67 53.3 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: VY010322.D

Acq: 03 Sep 2022 15:58

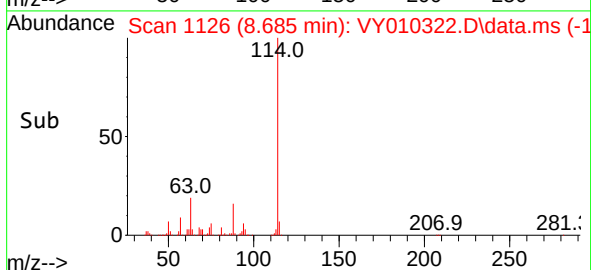
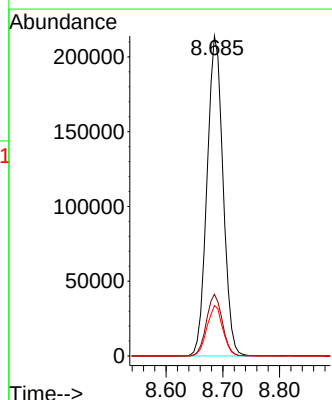
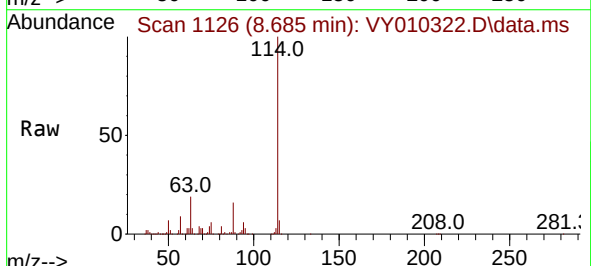
Tgt Ion:114 Resp: 418974

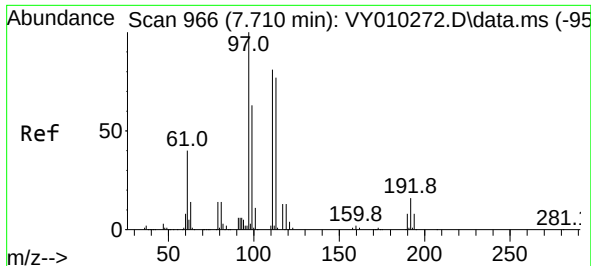
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.7 0.0 31.8

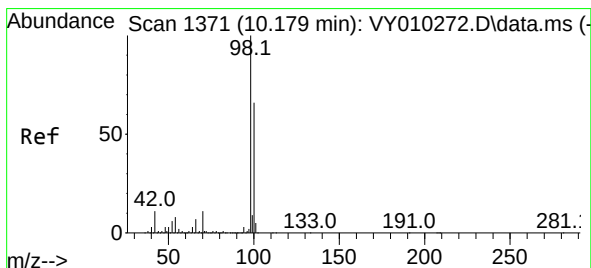
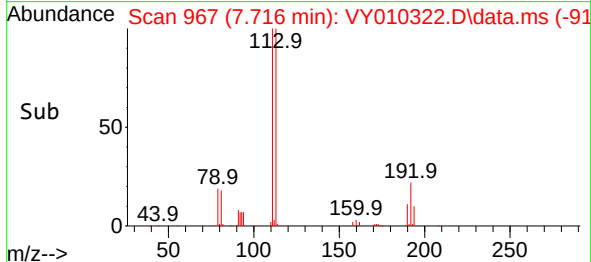
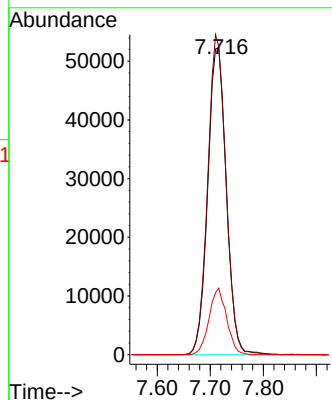
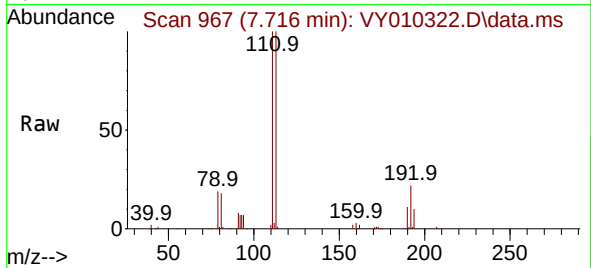




#35
Dibromofluoromethane
Concen: 45.610 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010322.D
Acq: 03 Sep 2022 15:58

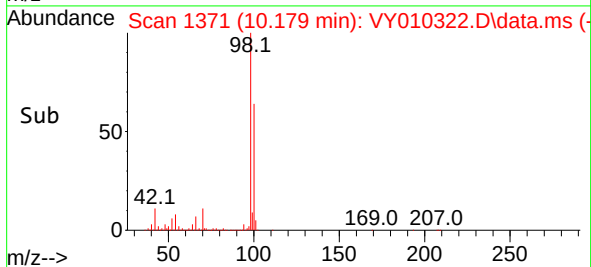
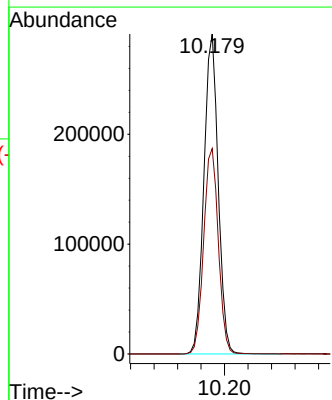
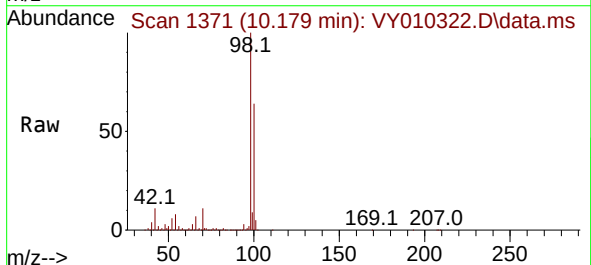
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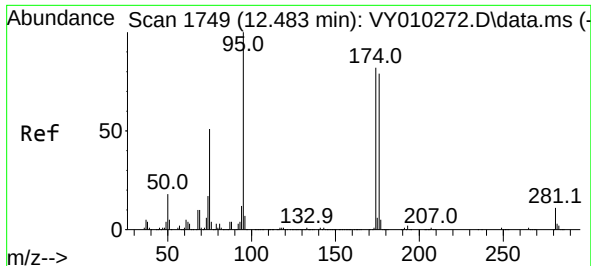
Tgt Ion:113 Resp: 127216
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 20.5 17.6 26.4



#50
Toluene-d8
Concen: 52.579 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010322.D
Acq: 03 Sep 2022 15:58

Tgt Ion: 98 Resp: 490997
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 38.563 ug/l

RT: 12.477 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY010322.D

Acq: 03 Sep 2022 15:58

Instrument :

MSVOA_Y

ClientSampleId :

KTS2-MH-01-16-17

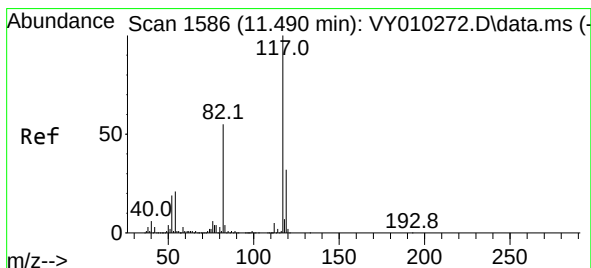
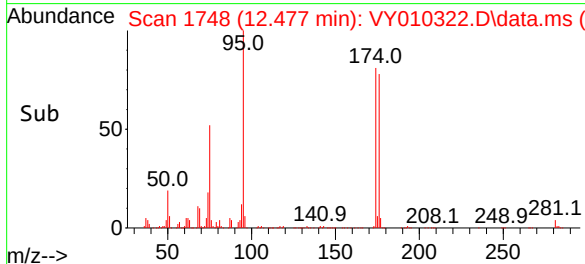
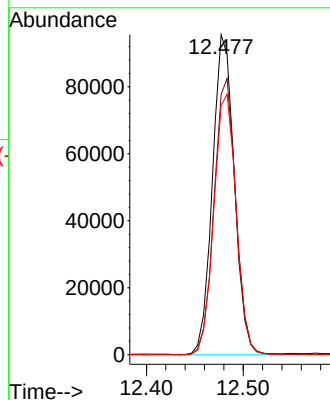
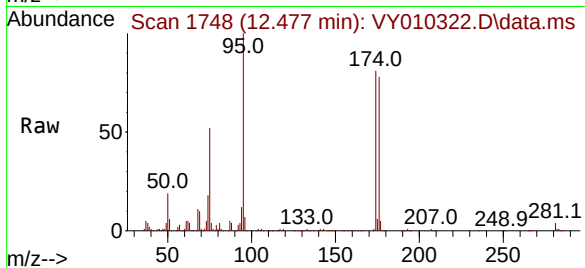
Tgt Ion: 95 Resp: 149617

Ion Ratio Lower Upper

95 100

174 86.4 0.0 177.0

176 83.1 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY010322.D

Acq: 03 Sep 2022 15:58

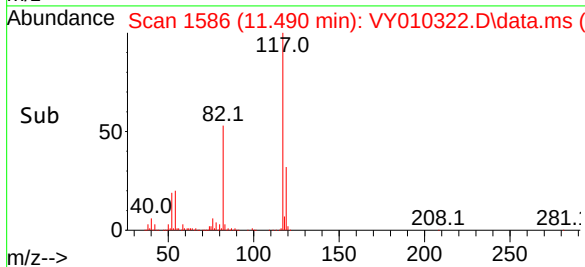
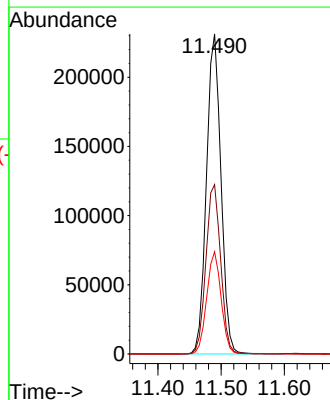
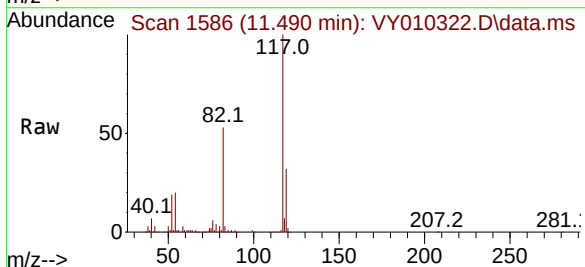
Tgt Ion: 117 Resp: 369554

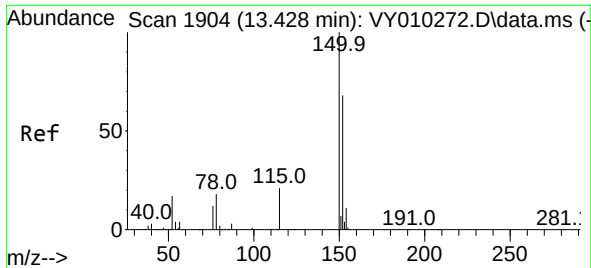
Ion Ratio Lower Upper

117 100

82 52.9 43.0 64.4

119 31.9 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: VY010322.D

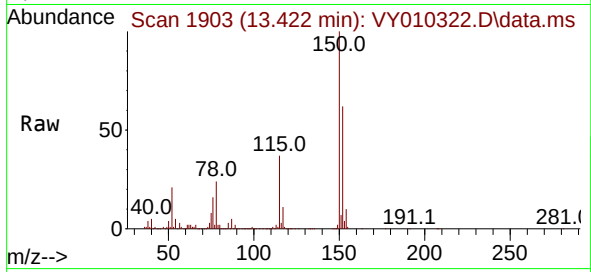
Acq: 03 Sep 2022 15:58

Instrument :

MSVOA_Y

ClientSampleId :

KTS2-MH-01-16-17



Tgt Ion:152 Resp: 138083

Ion Ratio Lower Upper

152 100

115 58.2 28.2 84.7

150 158.7 0.0 347.6

