

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010324.D
 Acq On : 03 Sep 2022 16:45
 Operator : KP/MD
 Sample : N4419-05
 Misc : 3.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 KTS2-TR-01-4-5

Quant Time: Sep 05 04:21:13 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)

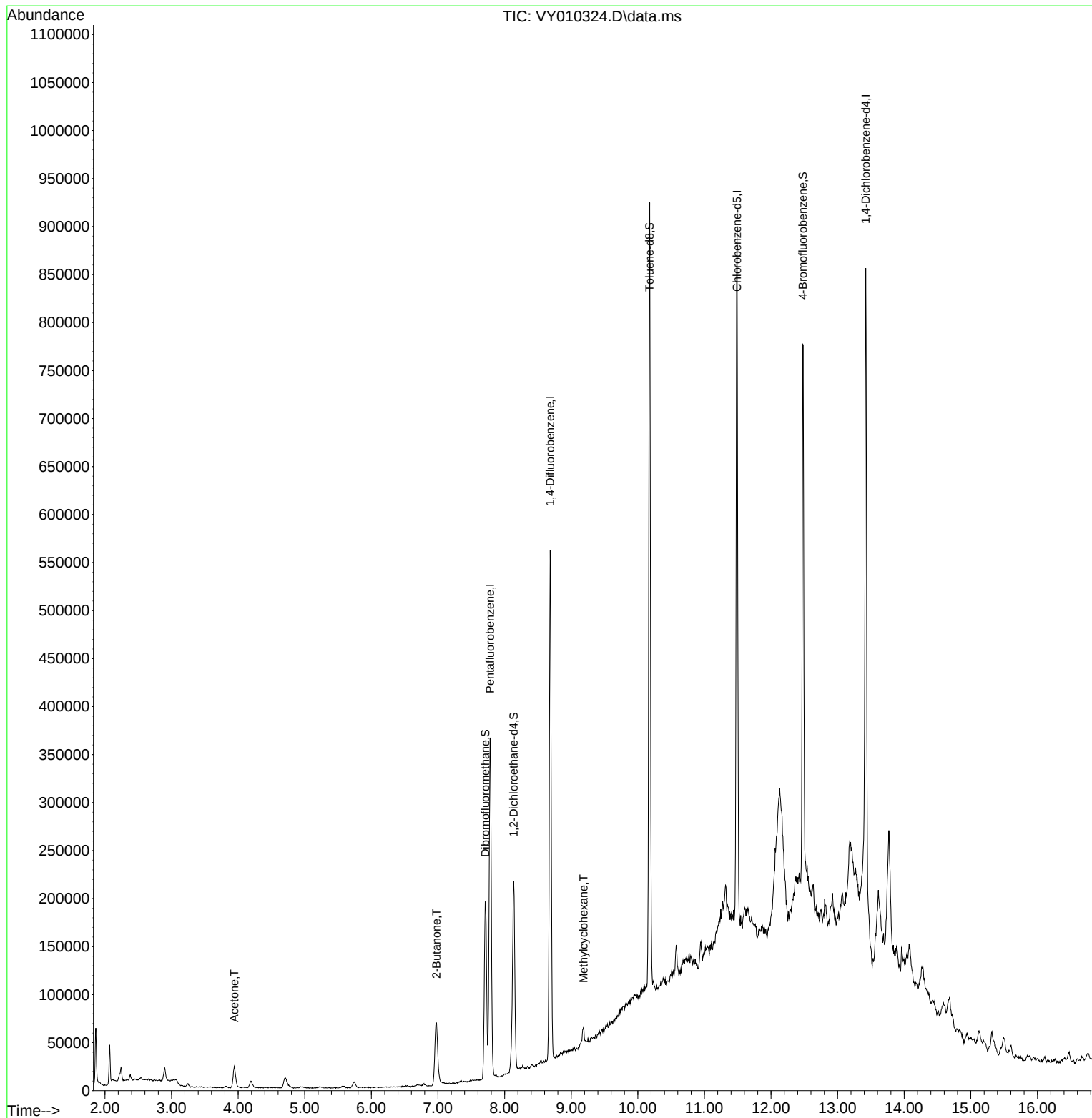
Internal Standards						
1) Pentafluorobenzene	7.783	168	278560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	459901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	403808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	164098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	146224	51.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.380%
35) Dibromofluoromethane	7.710	113	135619	44.296	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.600%
50) Toluene-d8	10.179	98	538815	52.565	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.140%
62) 4-Bromofluorobenzene	12.477	95	176551	41.997	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.000%
Target Compounds						
16) Acetone	3.942	43	37807	52.948	ug/l	90
25) 2-Butanone	6.978	43	10283	8.775	ug/l	98
39) Methylcyclohexane	9.185	83	9660	1.666	ug/l	95

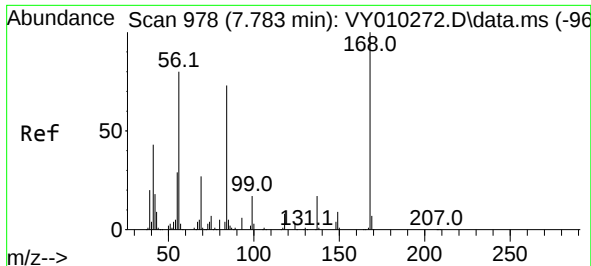
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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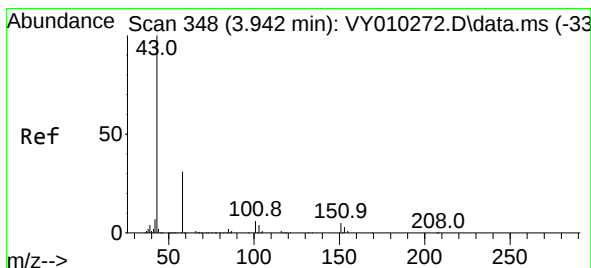
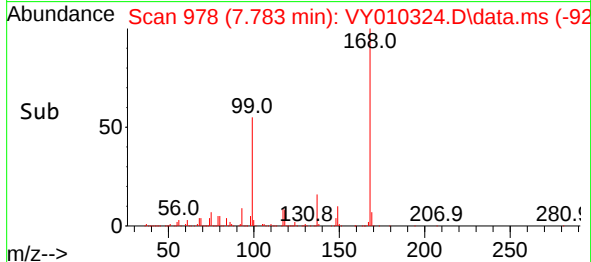
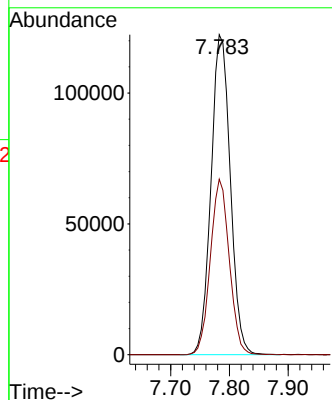
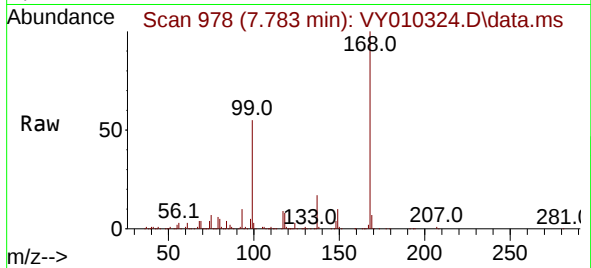




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010324.D
Acq: 03 Sep 2022 16:45

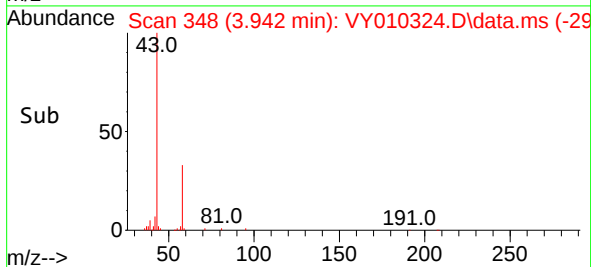
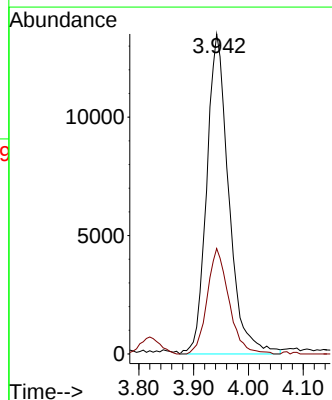
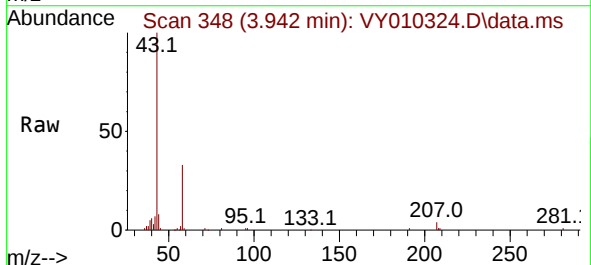
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-01-4-5

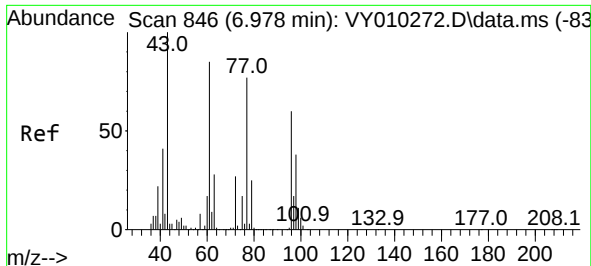
Tgt Ion:168 Resp: 278560
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#16
Acetone
Concen: 52.948 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010324.D
Acq: 03 Sep 2022 16:45

Tgt Ion: 43 Resp: 37807
Ion Ratio Lower Upper
43 100
58 33.0 22.0 33.0

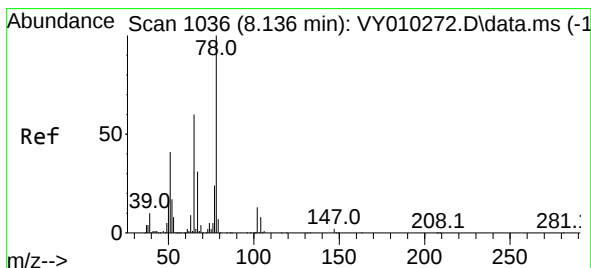
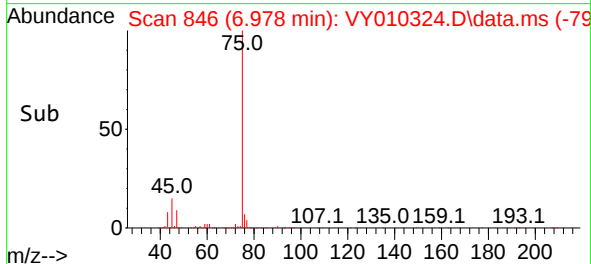
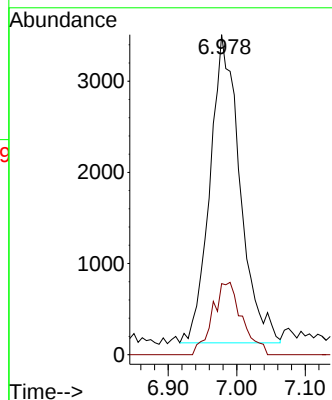
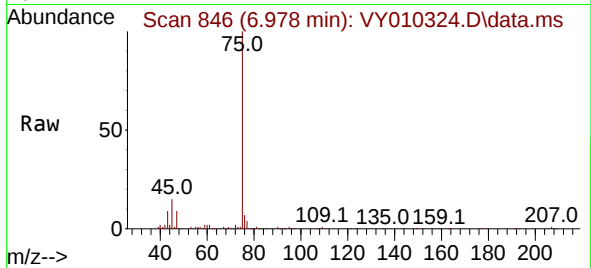




#25
2-Butanone
Concen: 8.775 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY010324.D
Acq: 03 Sep 2022 16:45

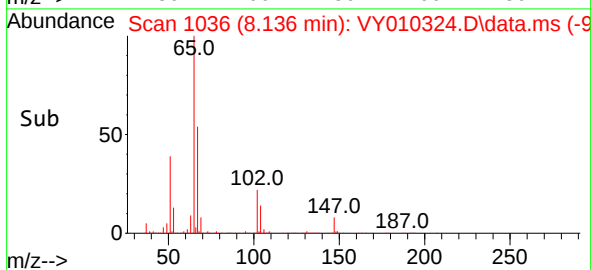
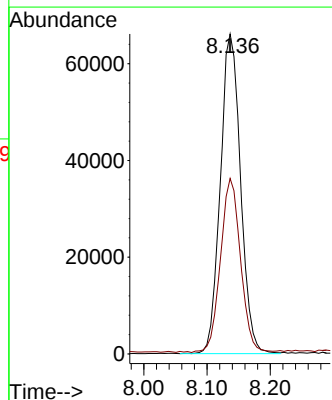
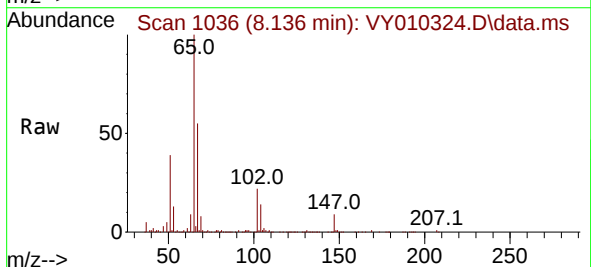
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-01-4-5

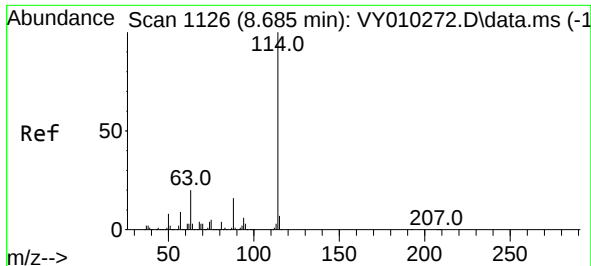
Tgt Ion: 43 Resp: 10283
Ion Ratio Lower Upper
43 100
72 23.1 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 51.193 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010324.D
Acq: 03 Sep 2022 16:45

Tgt Ion: 65 Resp: 146224
Ion Ratio Lower Upper
65 100
67 54.0 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: VY010324.D

Acq: 03 Sep 2022 16:45

Instrument :

MSVOA_Y

ClientSampleId :

KTS2-TR-01-4-5

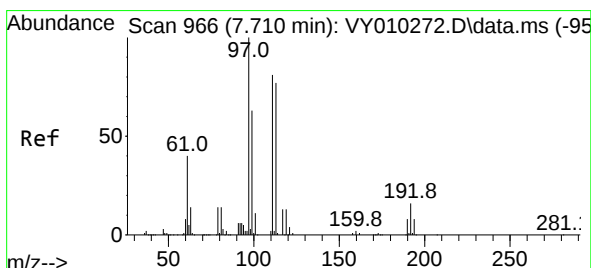
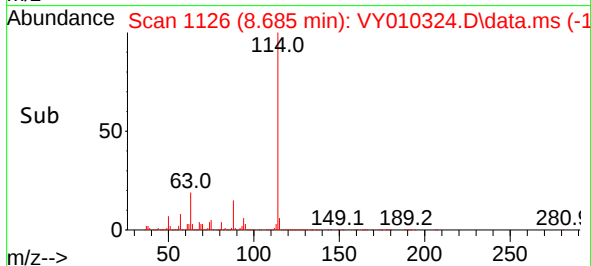
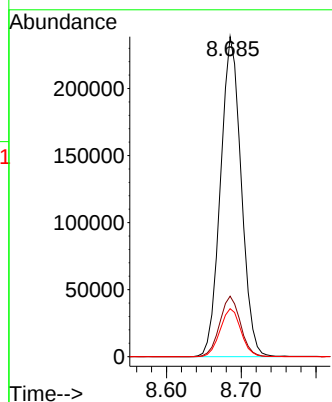
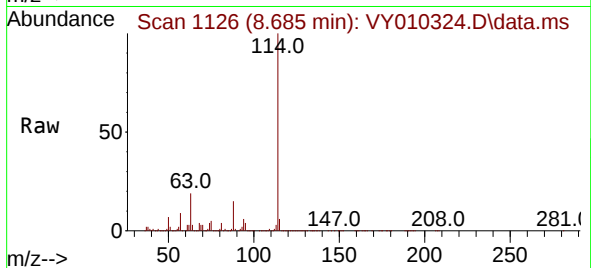
Tgt Ion:114 Resp: 459901

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.296 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010324.D

Acq: 03 Sep 2022 16:45

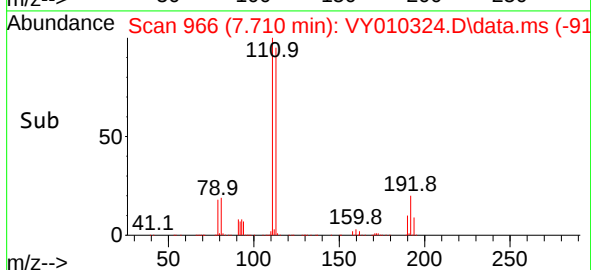
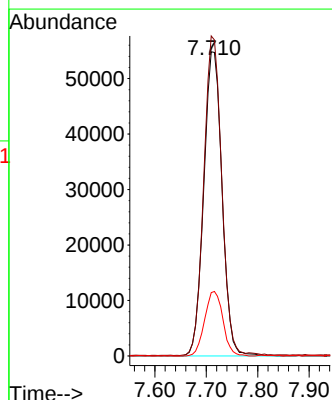
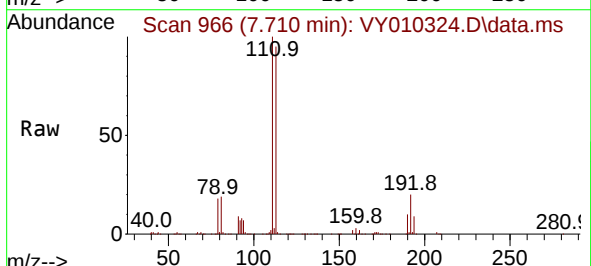
Tgt Ion:113 Resp: 135619

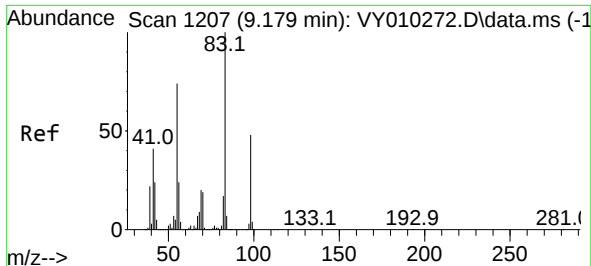
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 21.2 17.6 26.4





#39

Methylcyclohexane

Concen: 1.666 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. 0.006 min

Lab File: VY010324.D

Acq: 03 Sep 2022 16:45

Instrument :

MSVOA_Y

ClientSampleId :

KTS2-TR-01-4-5

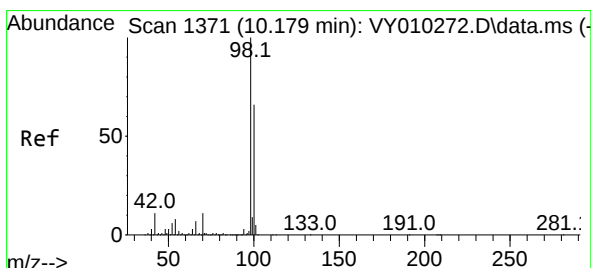
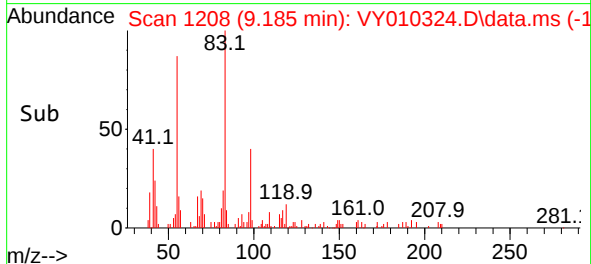
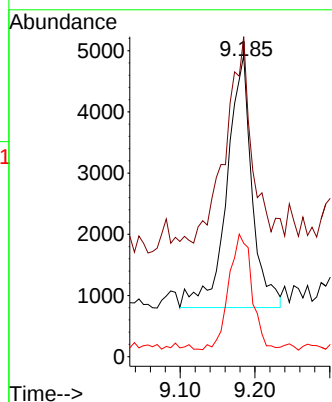
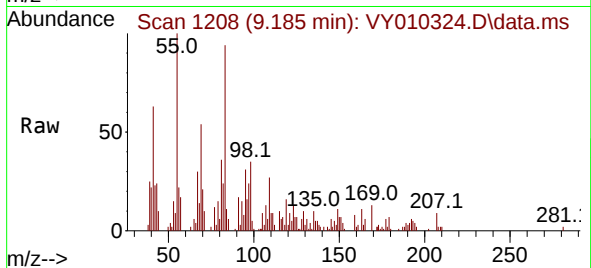
Tgt Ion: 83 Resp: 9660

Ion Ratio Lower Upper

83 100

55 81.2 66.5 99.7

98 41.5 37.9 56.9



#50

Toluene-d8

Concen: 52.565 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010324.D

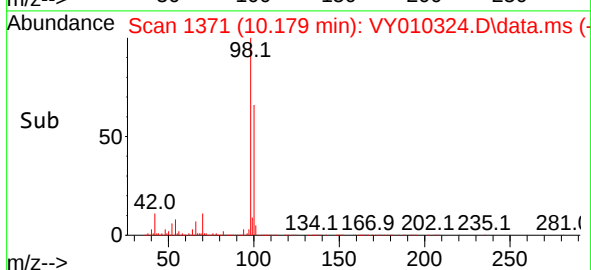
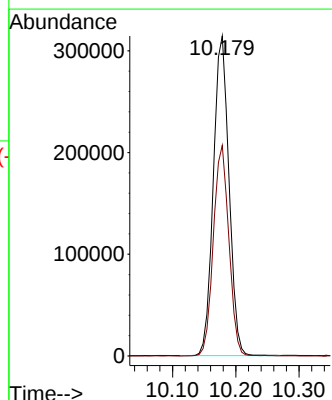
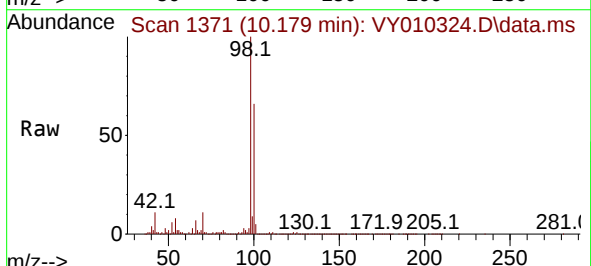
Acq: 03 Sep 2022 16:45

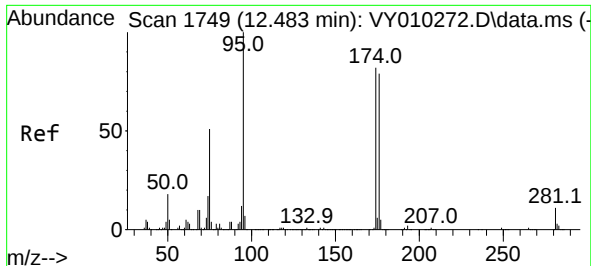
Tgt Ion: 98 Resp: 538815

Ion Ratio Lower Upper

98 100

100 65.3 50.2 75.2

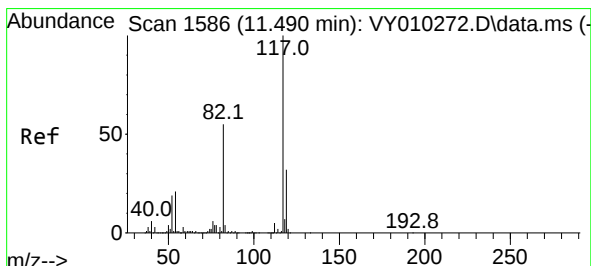
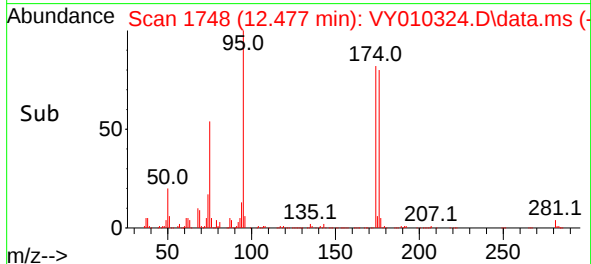
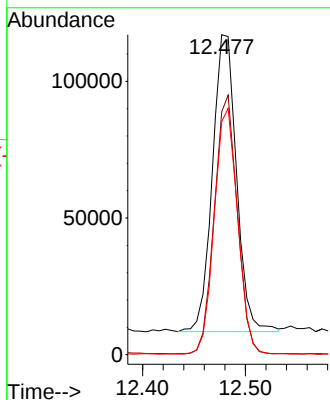
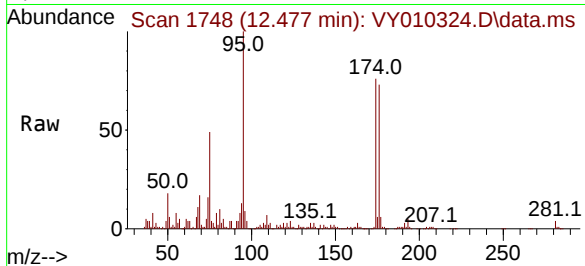




#62
4-Bromofluorobenzene
Concen: 41.997 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010324.D
Acq: 03 Sep 2022 16:45

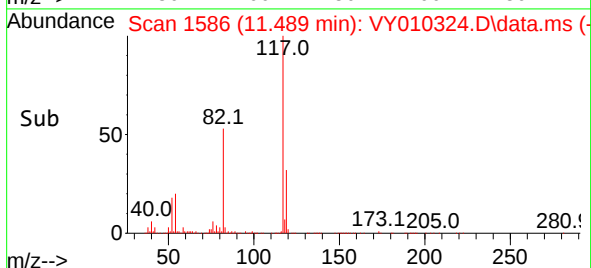
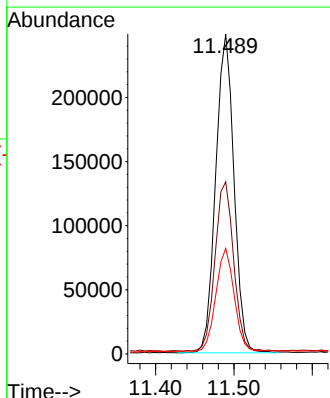
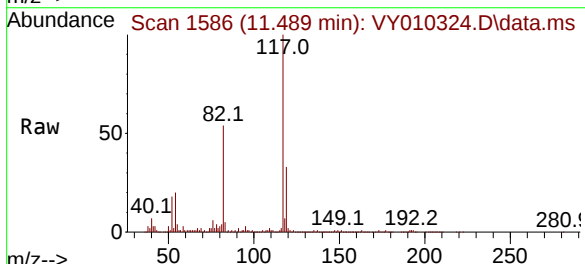
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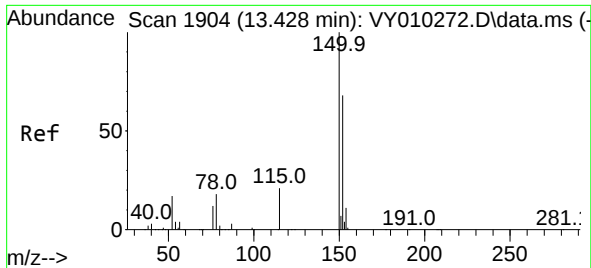
Tgt Ion: 95 Resp: 176551
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 80.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010324.D
Acq: 03 Sep 2022 16:45

Tgt Ion: 117 Resp: 403808
Ion Ratio Lower Upper
117 100
82 53.0 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. -0.006 min
 Lab File: VY010324.D
 Acq: 03 Sep 2022 16:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 KTS2-TR-01-4-5

Tgt Ion:152 Resp: 164098

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.2	84.7
150	153.4	0.0	347.6

