

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014586.D
 Acq On : 06 Jul 2023 14:18
 Operator : KP/MD
 Sample : 03519-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 KULLER-COMP

Quant Time: Jul 07 06:13:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

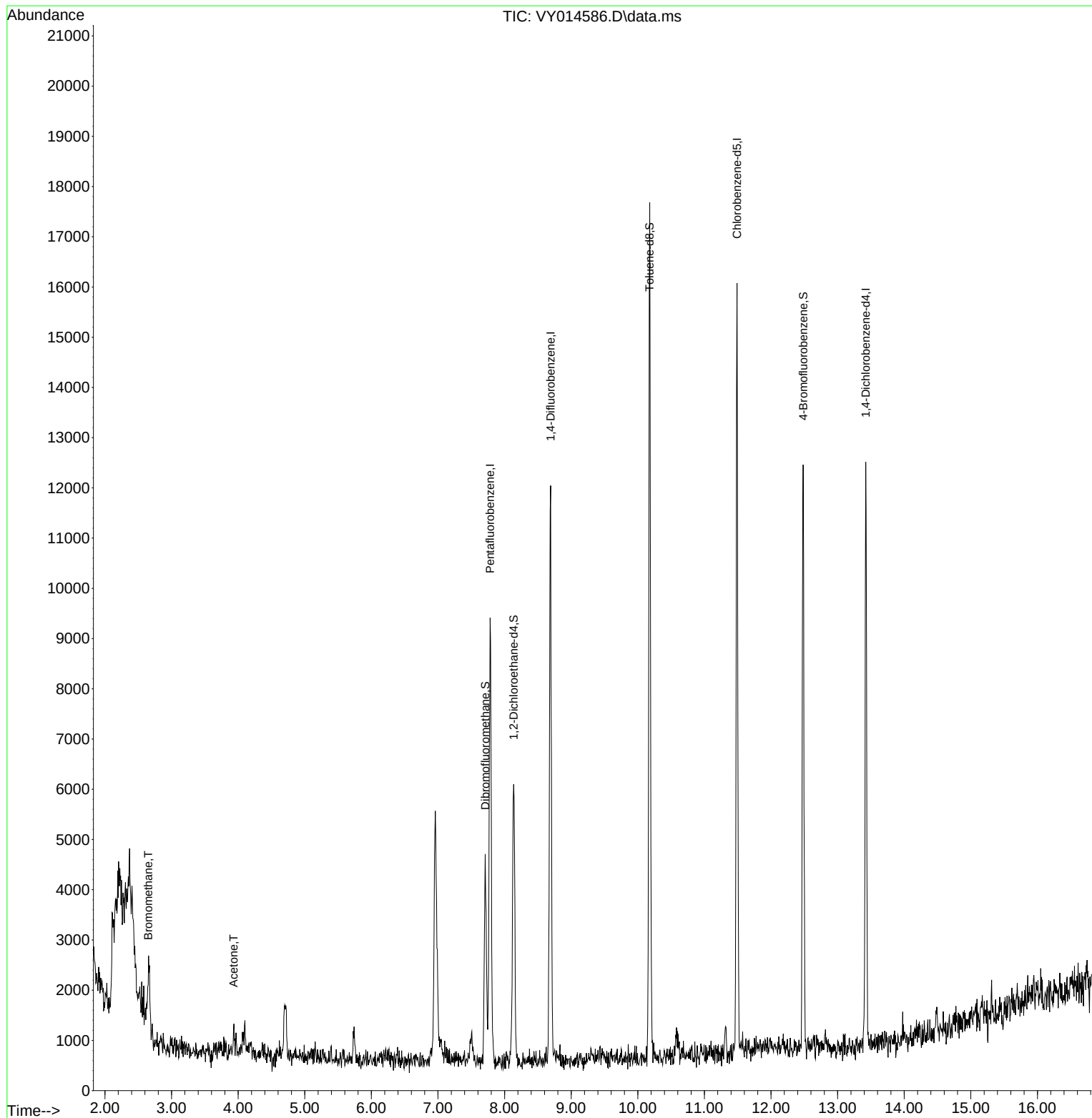
Internal Standards						
1) Pentafluorobenzene	7.783	168	7718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	10997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	9736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	4929	64.199	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.400%
35) Dibromofluoromethane	7.709	113	2889	42.661	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.320%
50) Toluene-d8	10.178	98	12946	48.359	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.720%
62) 4-Bromofluorobenzene	12.483	95	3490	37.544	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.080%
Target Compounds						
					Qvalue	
5) Bromomethane	2.649	94	913	11.428	ug/l #	56
16) Acetone	3.930	43	679	28.319	ug/l #	68

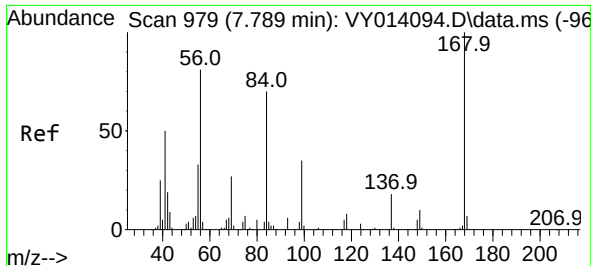
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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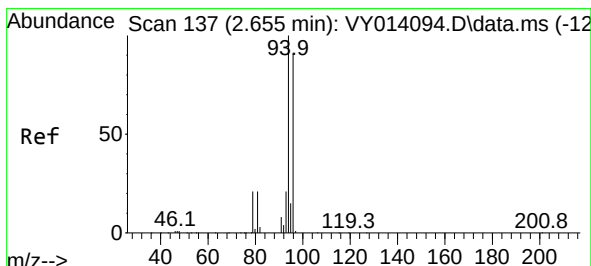
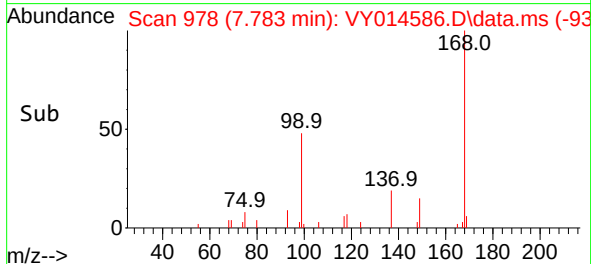
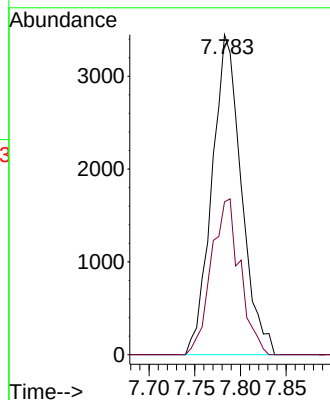
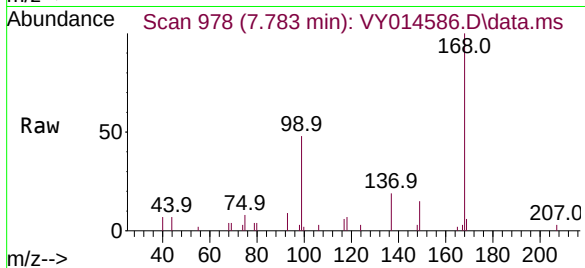




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014586.D
Acq: 06 Jul 2023 14:18

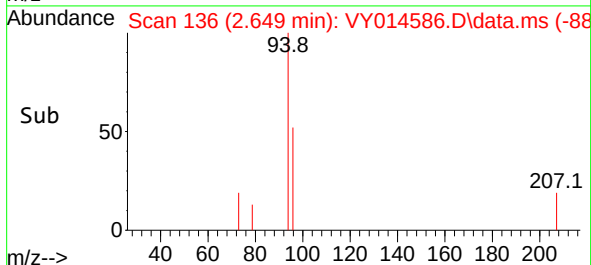
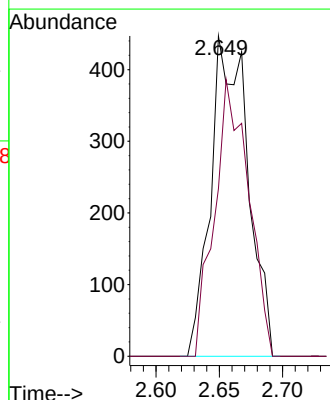
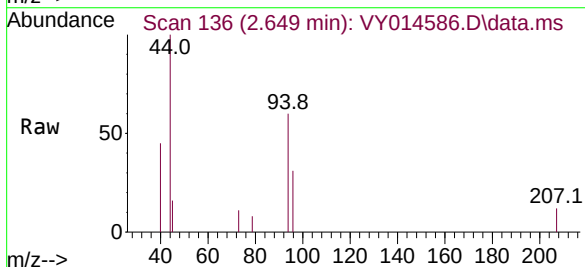
Instrument :
MSVOA_Y
ClientSampleId :
KULLER-COMP

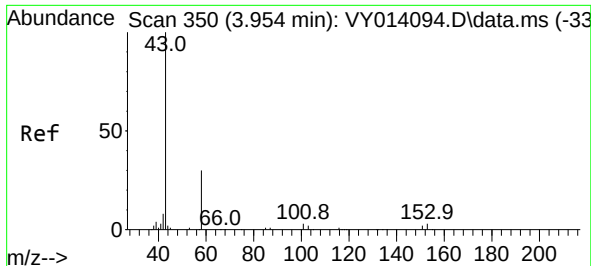
Tgt Ion:168 Resp: 7718
Ion Ratio Lower Upper
168 100
99 47.7 43.4 65.0



#5
Bromomethane
Concen: 11.428 ug/l
RT: 2.649 min Scan# 136
Delta R.T. -0.006 min
Lab File: VY014586.D
Acq: 06 Jul 2023 14:18

Tgt Ion: 94 Resp: 913
Ion Ratio Lower Upper
94 100
96 52.3 75.8 113.6#

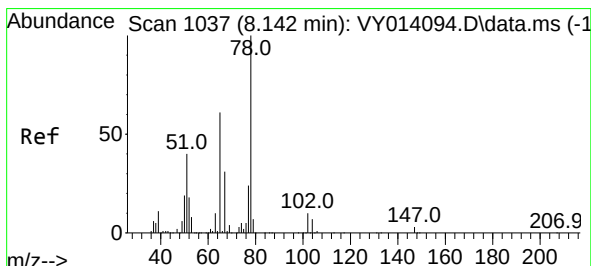
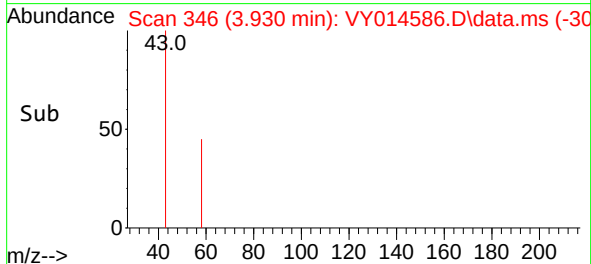
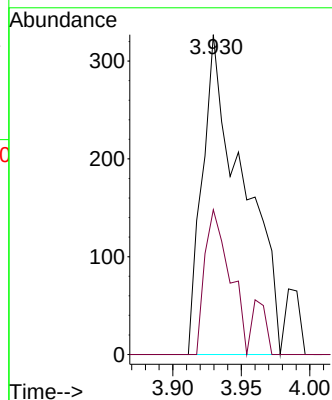
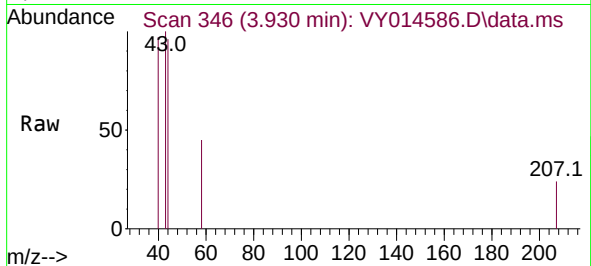




#16
Acetone
Concen: 28.319 ug/l
RT: 3.930 min Scan# 34
Delta R.T. -0.024 min
Lab File: VY014586.D
Acq: 06 Jul 2023 14:18

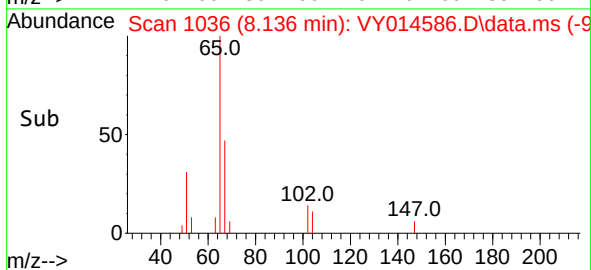
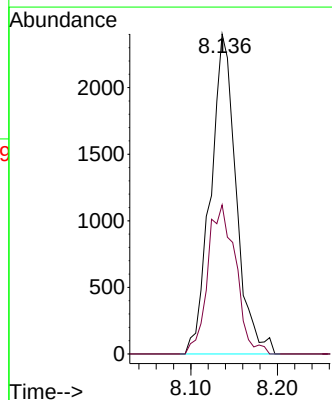
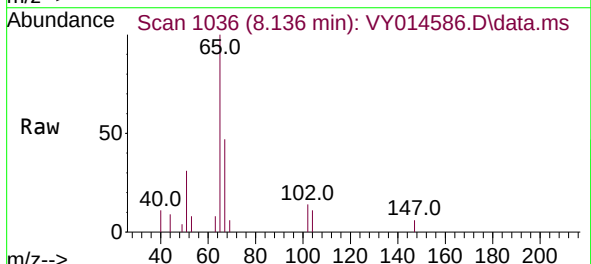
Instrument :
MSVOA_Y
ClientSampleId :
KULLER-COMP

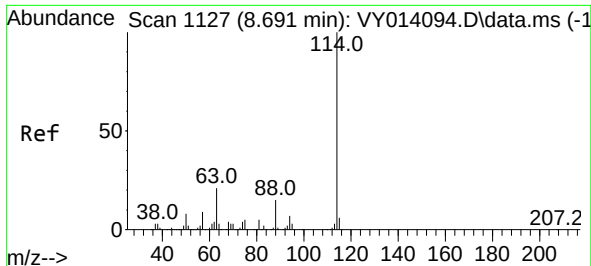
Tgt Ion: 43 Resp: 679
Ion Ratio Lower Upper
43 100
58 45.3 22.7 34.1#



#33
1,2-Dichloroethane-d4
Concen: 64.199 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014586.D
Acq: 06 Jul 2023 14:18

Tgt Ion: 65 Resp: 4929
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY014586.D

Acq: 06 Jul 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

KULLER-COMP

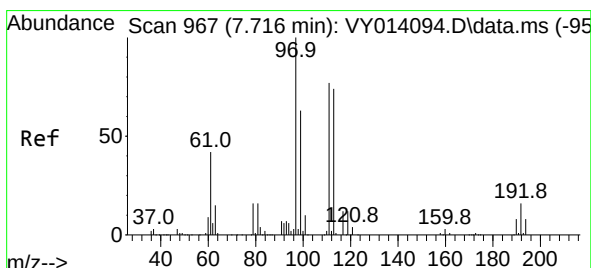
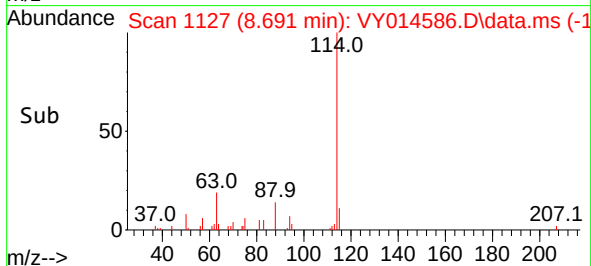
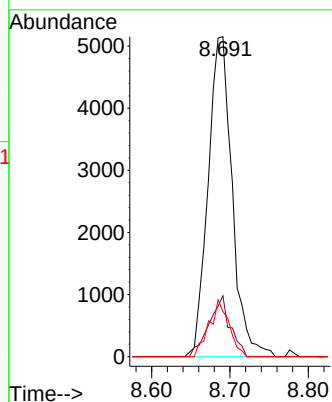
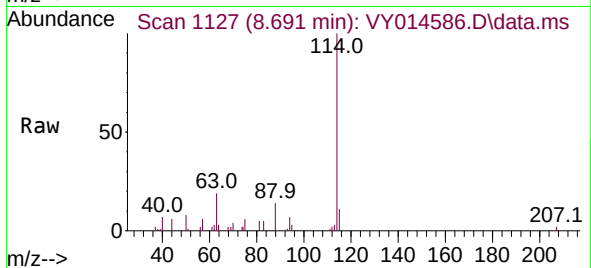
Tgt Ion:114 Resp: 10997

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 42.661 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.007 min

Lab File: VY014586.D

Acq: 06 Jul 2023 14:18

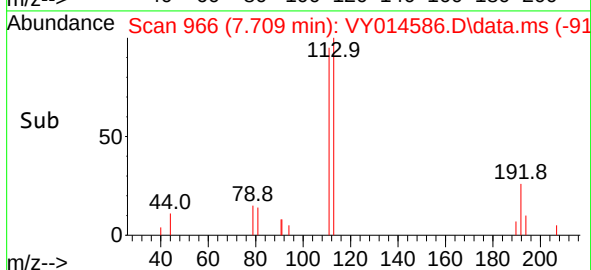
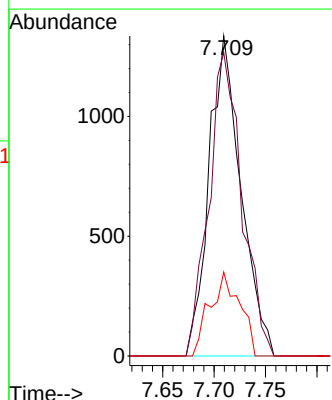
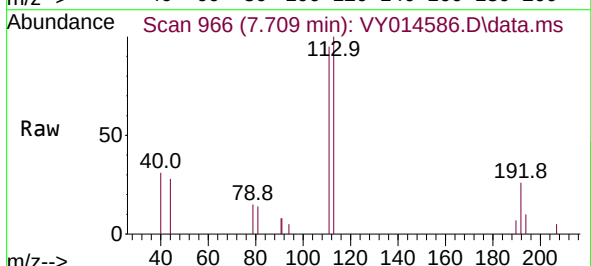
Tgt Ion:113 Resp: 2889

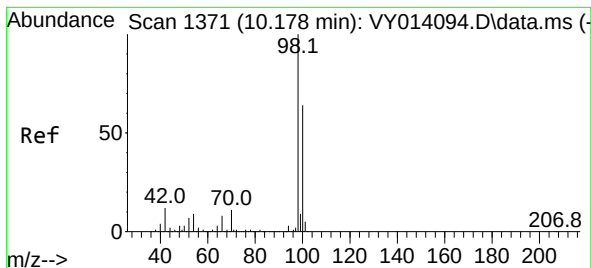
Ion Ratio Lower Upper

113 100

111 98.0 81.3 121.9

192 24.4 16.9 25.3

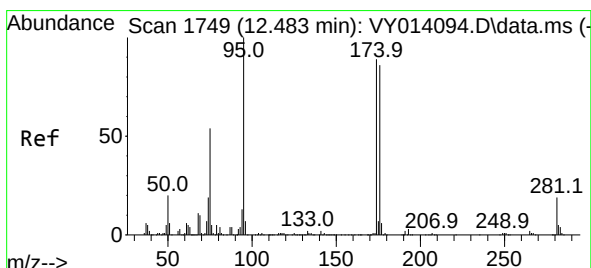
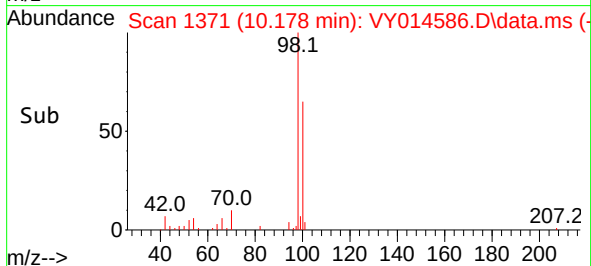
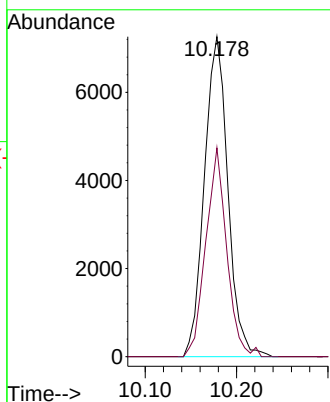
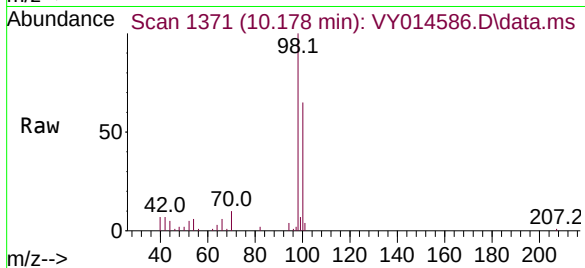




#50
Toluene-d8
Concen: 48.359 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014586.D
Acq: 06 Jul 2023 14:18

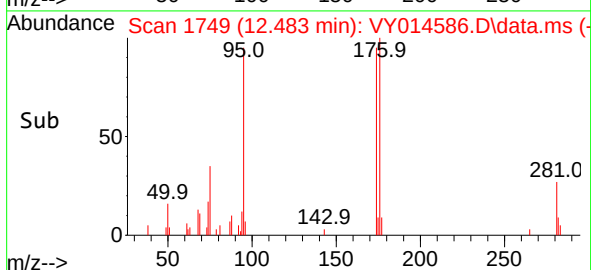
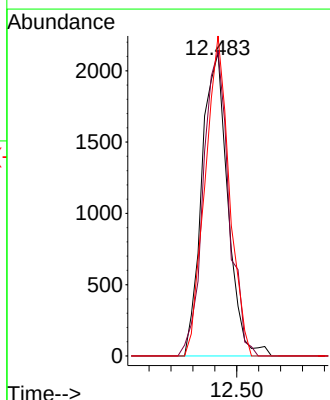
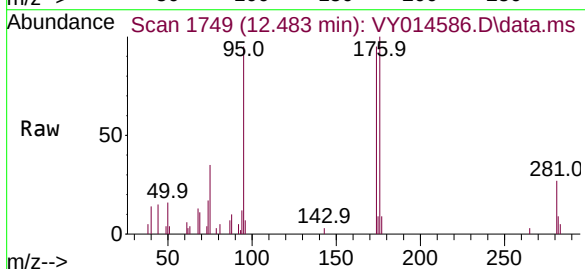
Instrument :
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ClientSampleId :
KULLER-COMP

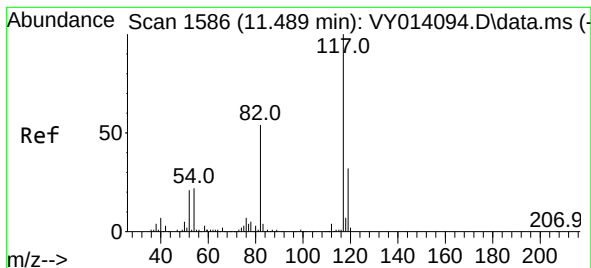
Tgt Ion: 98 Resp: 12946
Ion Ratio Lower Upper
98 100
100 58.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 37.544 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY014586.D
Acq: 06 Jul 2023 14:18

Tgt Ion: 95 Resp: 3490
Ion Ratio Lower Upper
95 100
174 98.9 0.0 178.2
176 98.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014586.D

Acq: 06 Jul 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

KULLER-COMP

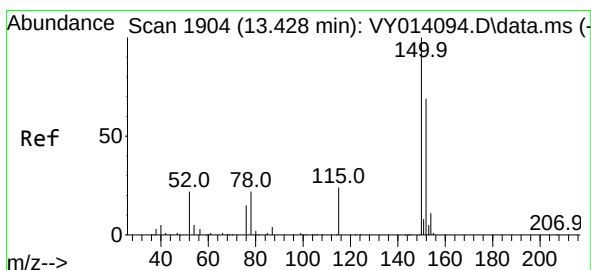
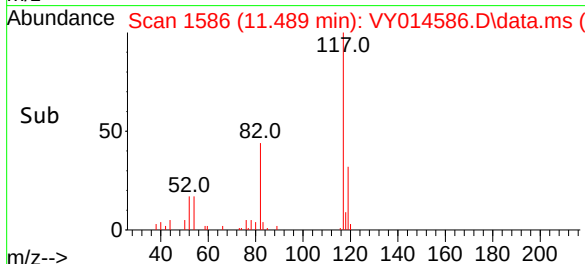
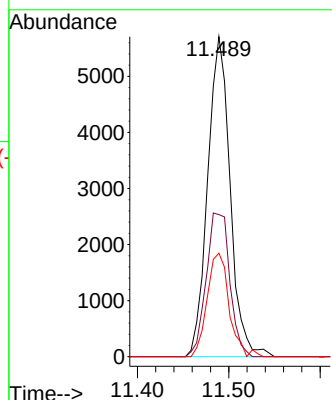
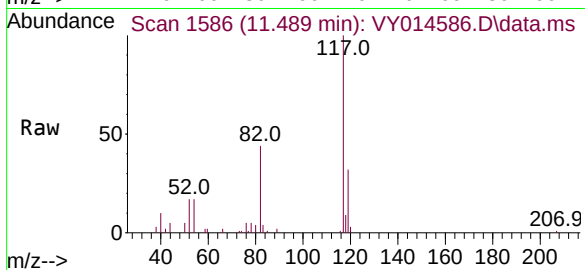
Tgt Ion:117 Resp: 9736

Ion Ratio Lower Upper

117 100

82 44.4 43.4 65.0

119 32.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014586.D

Acq: 06 Jul 2023 14:18

Tgt Ion:152 Resp: 3955

Ion Ratio Lower Upper

152 100

115 46.6 28.8 86.5

150 147.1 0.0 348.8

