

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010815.D
 Acq On : 05 Oct 2022 13:23
 Operator : KP/MD
 Sample : N4988-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-5-100422

Quant Time: Oct 06 09:17:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

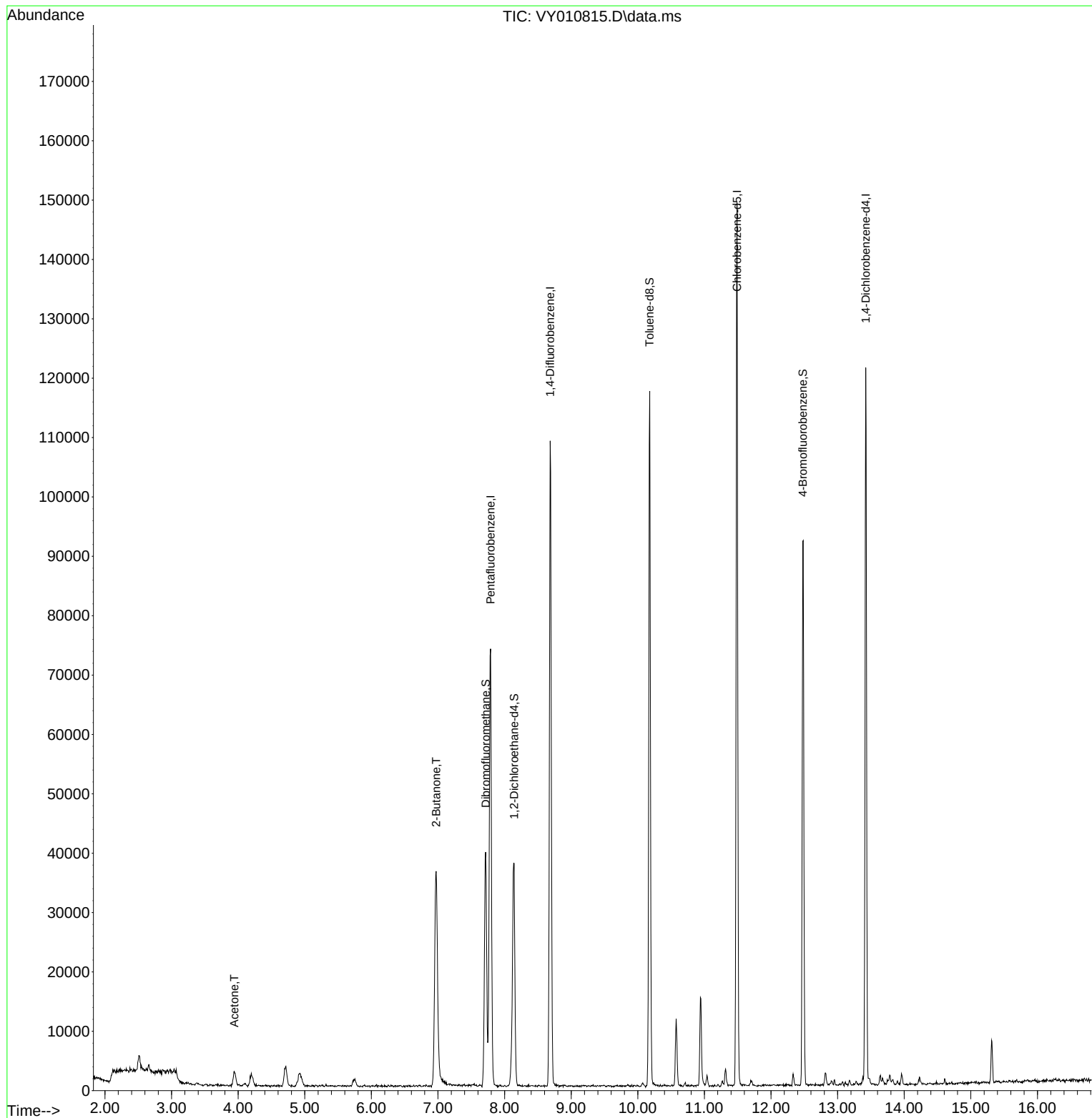
Internal Standards						
1) Pentafluorobenzene	7.789	168	57818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	92730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	82136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	31717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	29237	49.888	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.780%		
35) Dibromofluoromethane	7.716	113	28025	45.529	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.060%		
50) Toluene-d8	10.179	98	77692	36.906	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	73.820%		
62) 4-Bromofluorobenzene	12.477	95	27140	31.649	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	63.300%		
Target Compounds						
16) Acetone	3.942	43	4339	29.151	ug/l	96
25) 2-Butanone	6.972	43	2174	10.159	ug/l	97

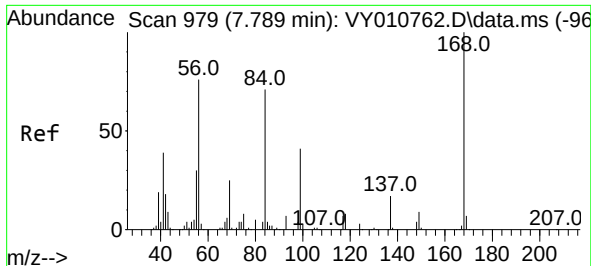
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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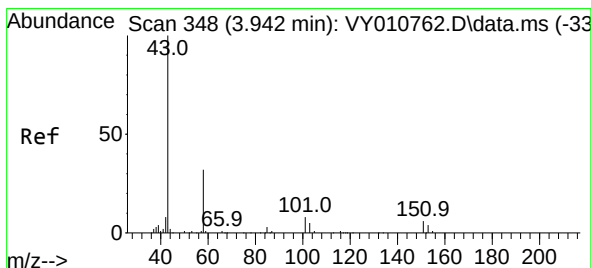
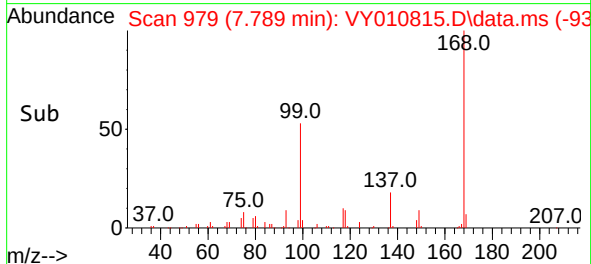
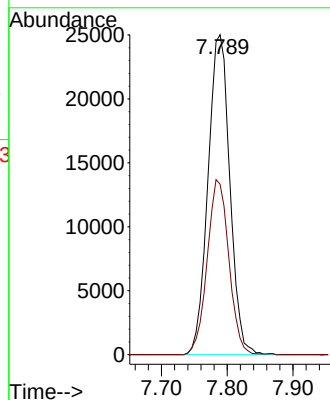
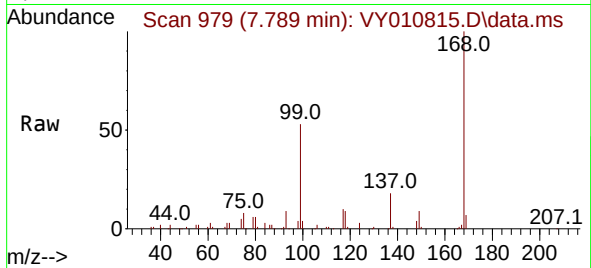




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010815.D
Acq: 05 Oct 2022 13:23

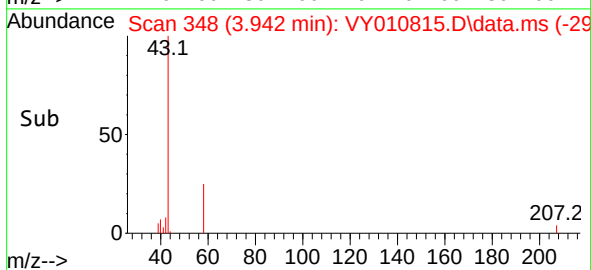
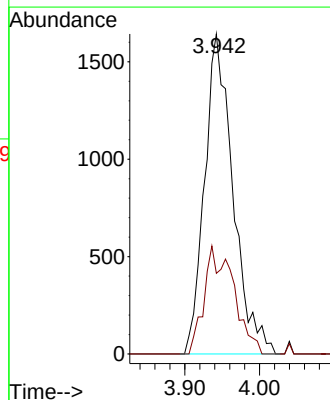
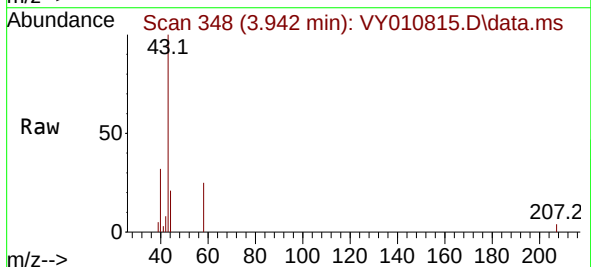
Instrument :
MSVOA_Y
ClientSampleId :
AU-5-100422

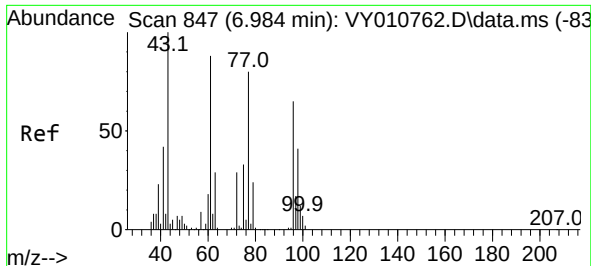
Tgt Ion:168 Resp: 57818
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#16
Acetone
Concen: 29.151 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010815.D
Acq: 05 Oct 2022 13:23

Tgt Ion: 43 Resp: 4339
Ion Ratio Lower Upper
43 100
58 25.2 22.0 33.0

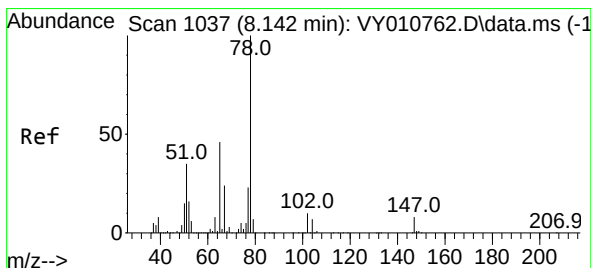
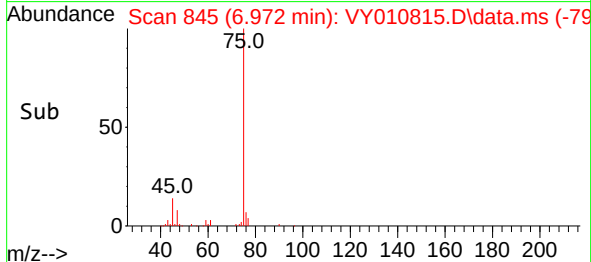
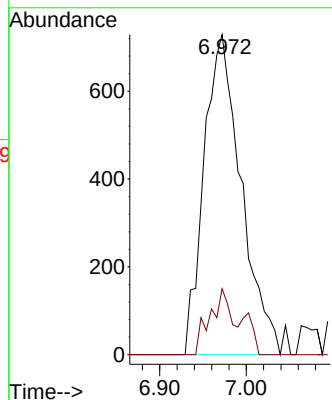
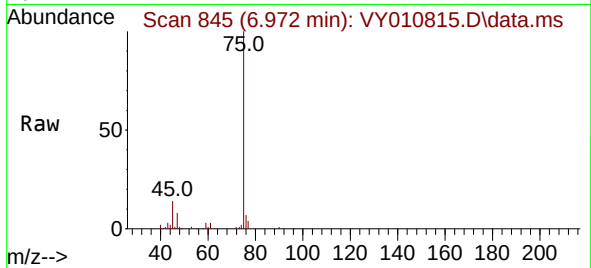




#25
2-Butanone
Concen: 10.159 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY010815.D
Acq: 05 Oct 2022 13:23

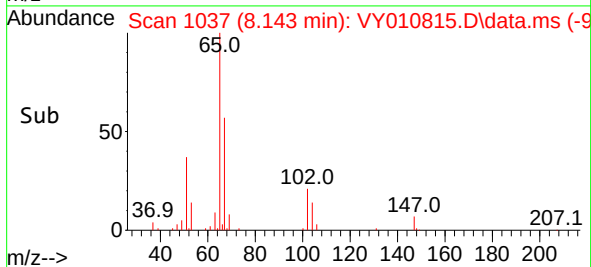
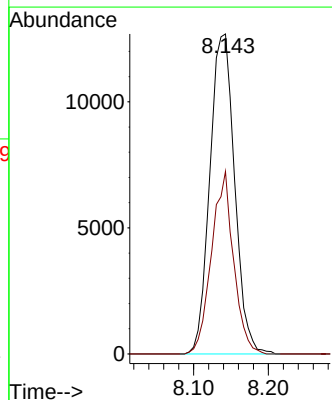
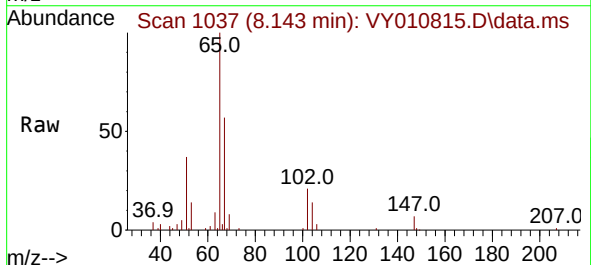
Instrument :
MSVOA_Y
ClientSampleId :
AU-5-100422

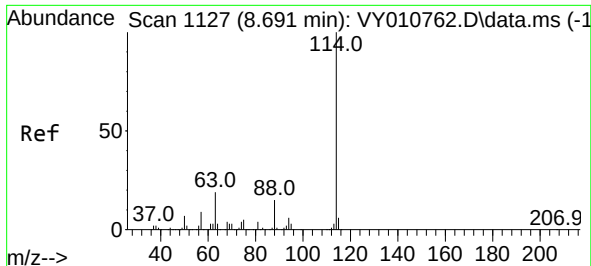
Tgt Ion: 43 Resp: 2174
Ion Ratio Lower Upper
43 100
72 20.6 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 49.888 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY010815.D
Acq: 05 Oct 2022 13:23

Tgt Ion: 65 Resp: 29237
Ion Ratio Lower Upper
65 100
67 50.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010815.D

Acq: 05 Oct 2022 13:23

Instrument :

MSVOA_Y

ClientSampleId :

AU-5-100422

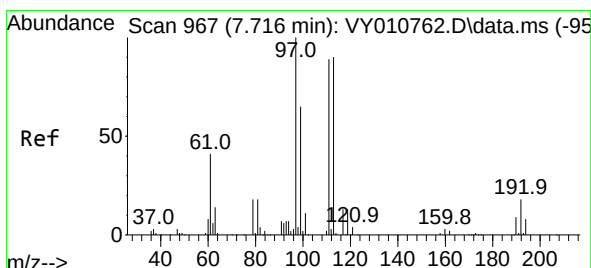
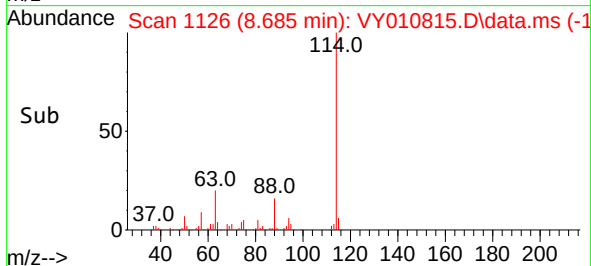
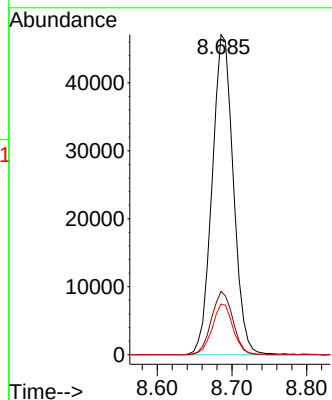
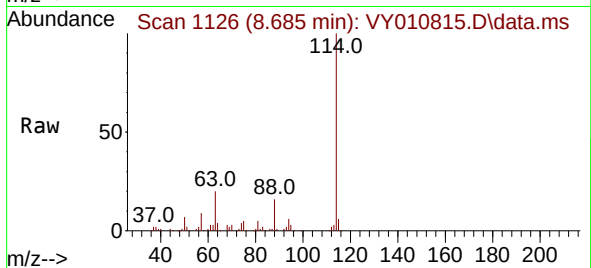
Tgt Ion:114 Resp: 92730

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.529 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010815.D

Acq: 05 Oct 2022 13:23

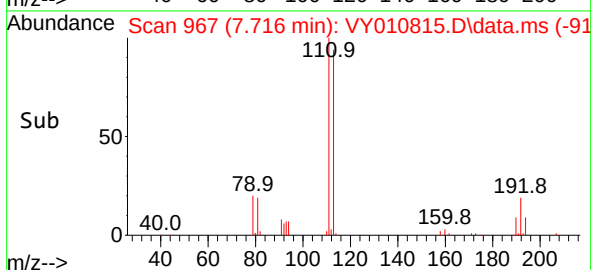
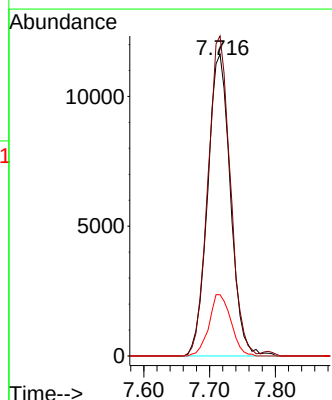
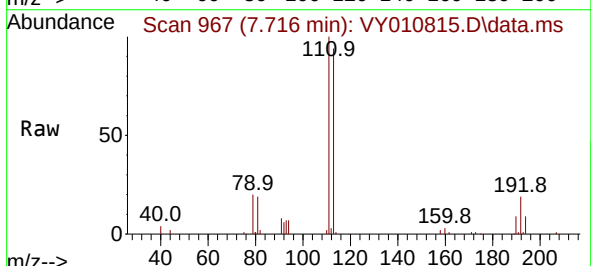
Tgt Ion:113 Resp: 28025

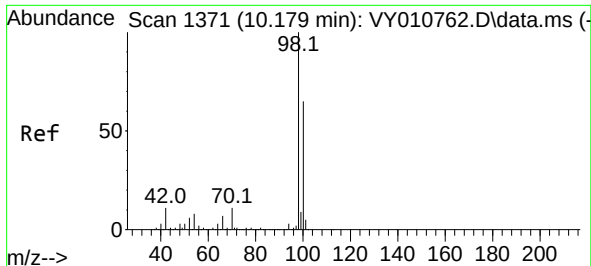
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 19.6 17.6 26.4

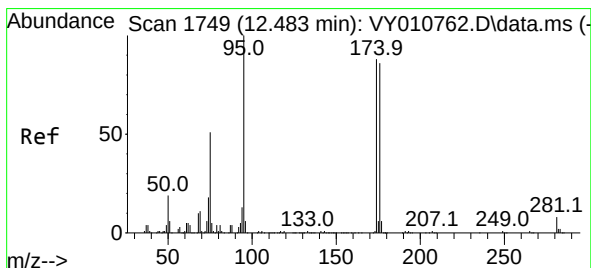
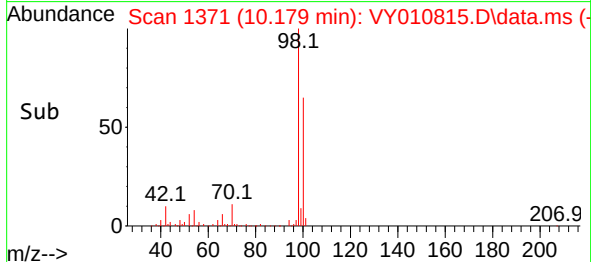
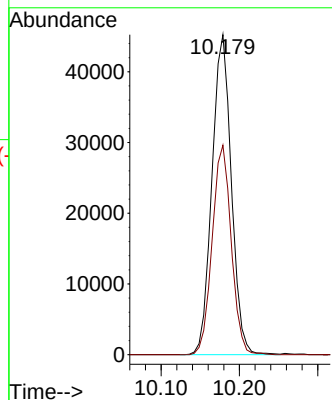
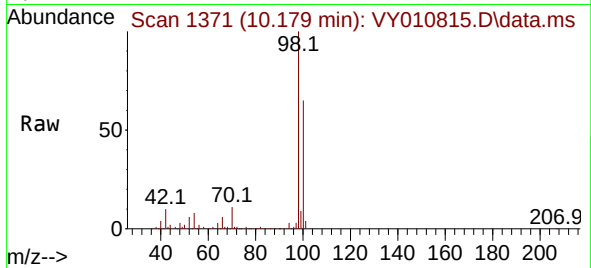




#50
Toluene-d8
Concen: 36.906 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010815.D
Acq: 05 Oct 2022 13:23

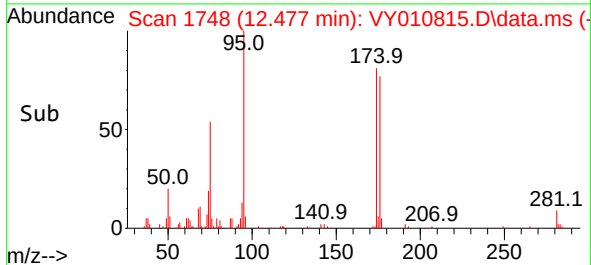
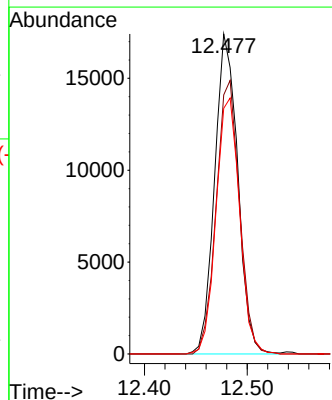
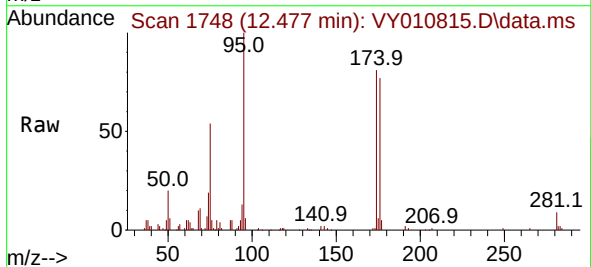
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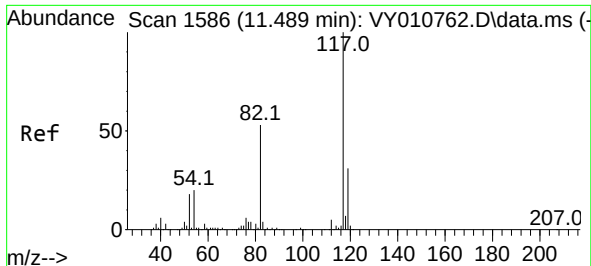
Tgt Ion: 98 Resp: 77692
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.649 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010815.D
Acq: 05 Oct 2022 13:23

Tgt Ion: 95 Resp: 27140
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 81.6 0.0 175.8

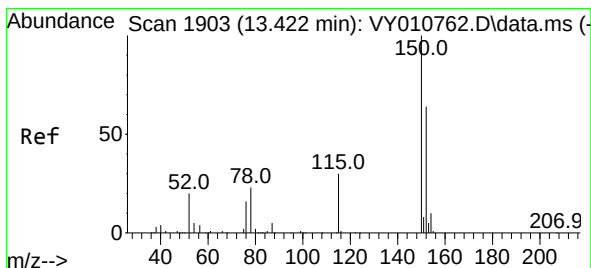
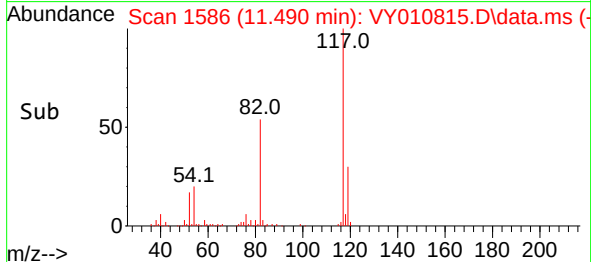
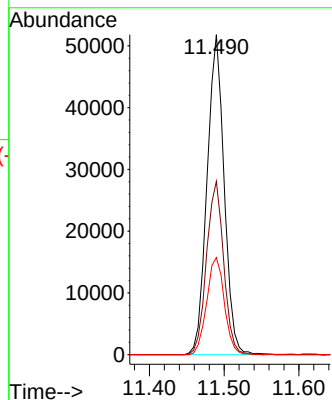
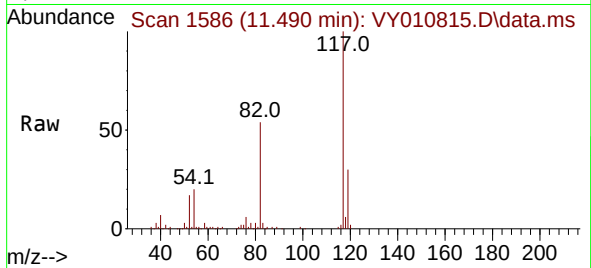




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY010815.D
Acq: 05 Oct 2022 13:23

Instrument :
MSVOA_Y
ClientSampleId :
AU-5-100422

Tgt Ion:117 Resp: 82136
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 30.3 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: VY010815.D
Acq: 05 Oct 2022 13:23

Tgt Ion:152 Resp: 31717
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 155.6 0.0 347.6

