

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013631.D
 Acq On : 05 May 2023 17:28
 Operator : KP/MD
 Sample : 02588-03
 Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ZONE-B-6-9-05012023

Quant Time: May 08 00:25:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

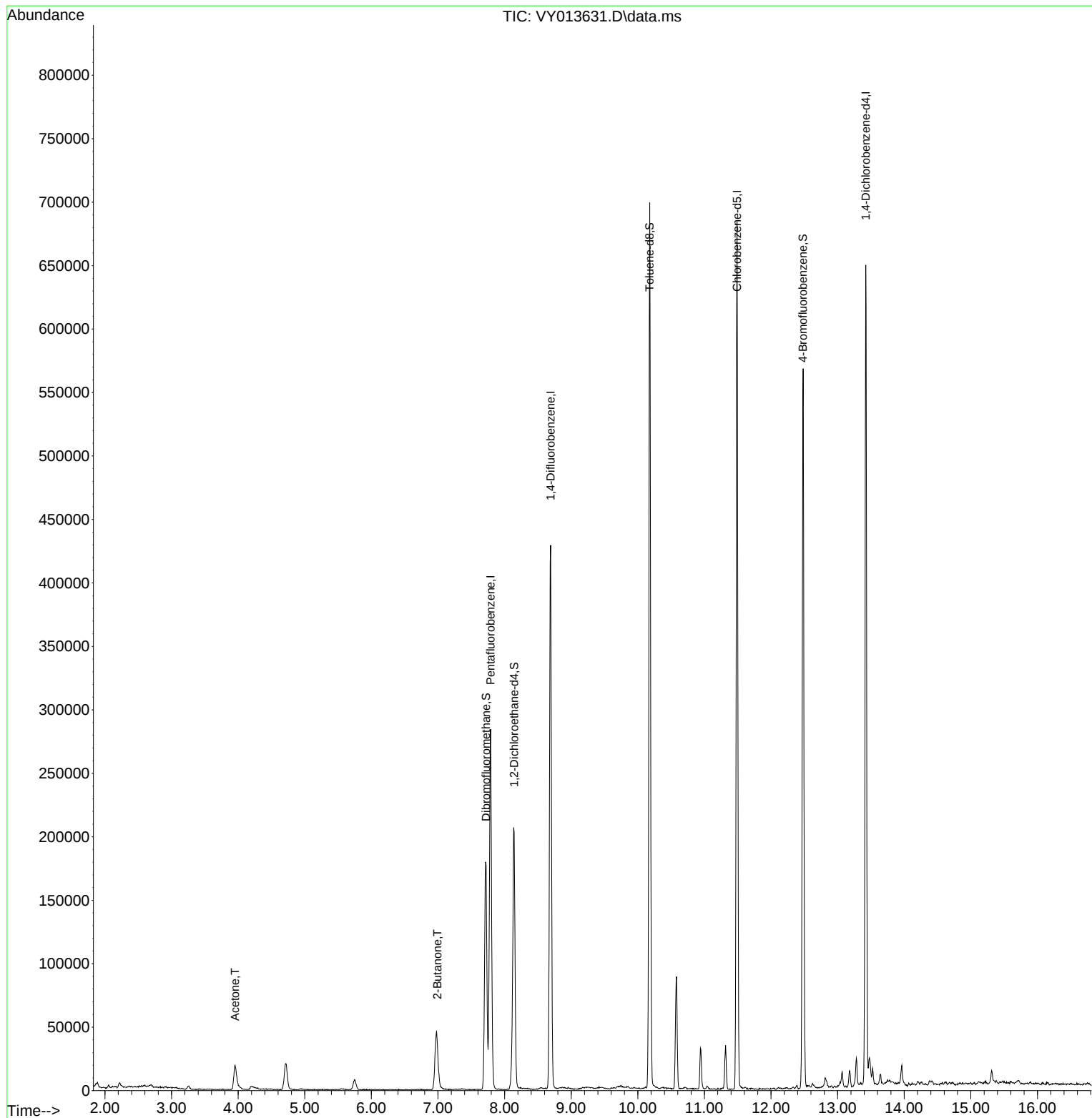
Internal Standards						
1) Pentafluorobenzene	7.789	168	214983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	362185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	359985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	160841	68.249	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.500%
35) Dibromofluoromethane	7.722	113	126279	55.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.860%
50) Toluene-d8	10.179	98	442469	54.601	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.200%
62) 4-Bromofluorobenzene	12.477	95	151382	55.412	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.820%
Target Compounds						
						Qvalue
16) Acetone	3.954	43	39827	42.913	ug/l	97
25) 2-Butanone	6.990	43	9286	7.889	ug/l #	82

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

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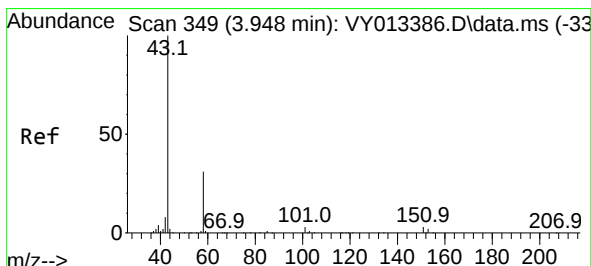
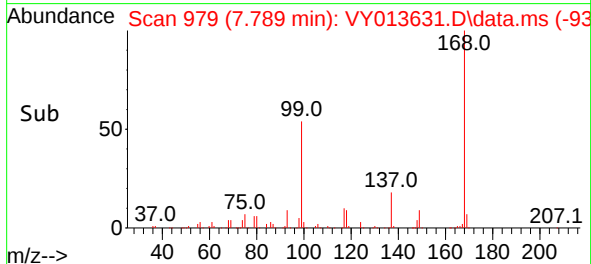
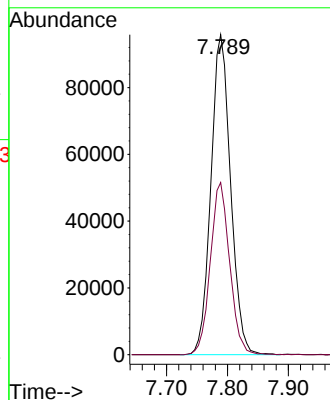
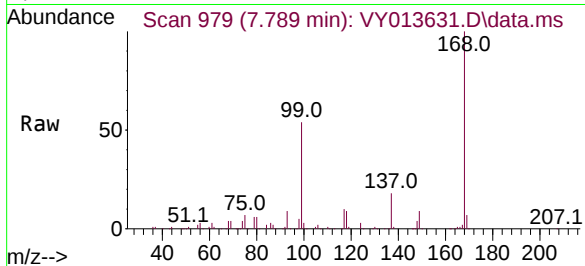




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013631.D
Acq: 05 May 2023 17:28

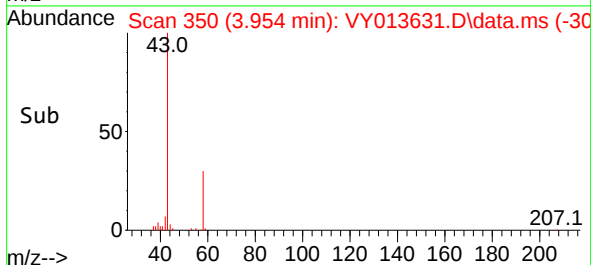
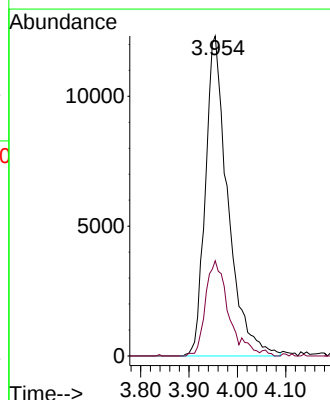
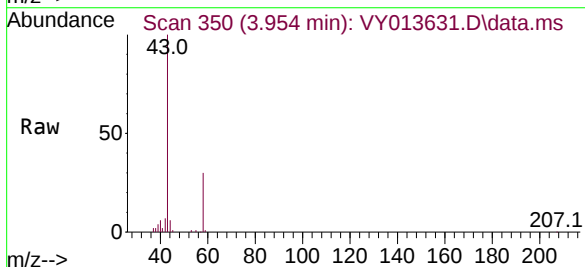
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-B-6-9-05012023

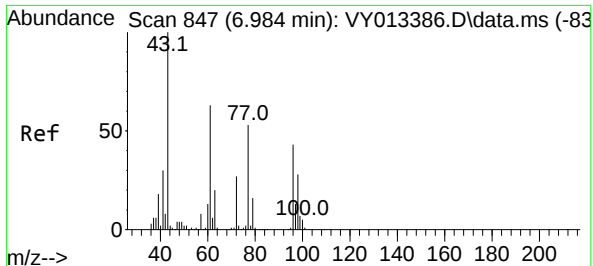
Tgt Ion:168 Resp: 214983
Ion Ratio Lower Upper
168 100
99 53.8 41.8 62.6



#16
Acetone
Concen: 42.913 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013631.D
Acq: 05 May 2023 17:28

Tgt Ion: 43 Resp: 39827
Ion Ratio Lower Upper
43 100
58 29.8 25.4 38.0





#25

2-Butanone

Concen: 7.889 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY013631.D

Acq: 05 May 2023 17:28

Instrument :

MSVOA_Y

ClientSampleId :

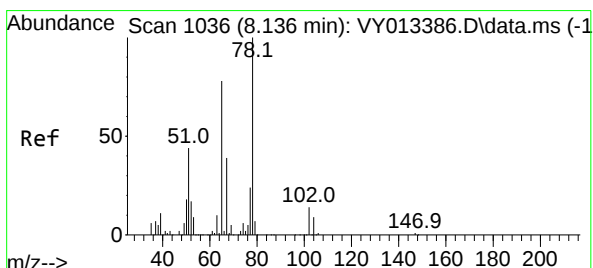
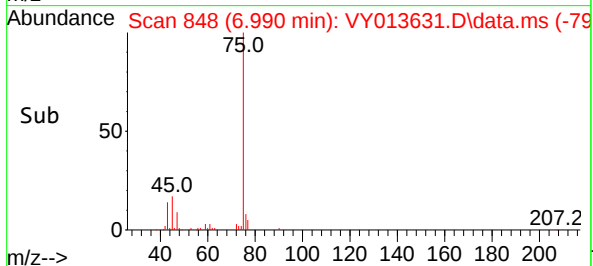
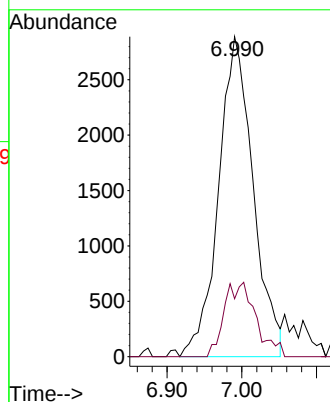
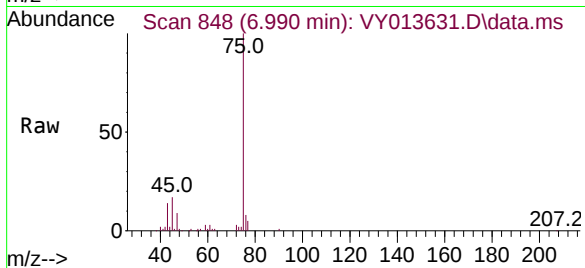
ZONE-B-6-9-05012023

Tgt Ion: 43 Resp: 9286

Ion Ratio Lower Upper

43 100

72 18.1 21.9 32.9#



#33

1,2-Dichloroethane-d4

Concen: 68.249 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY013631.D

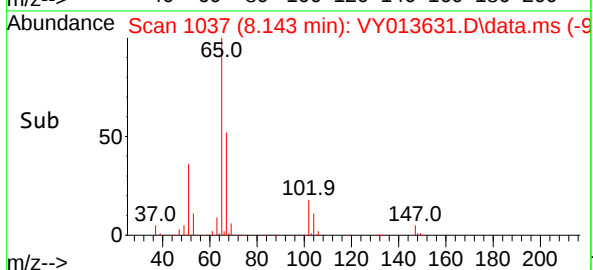
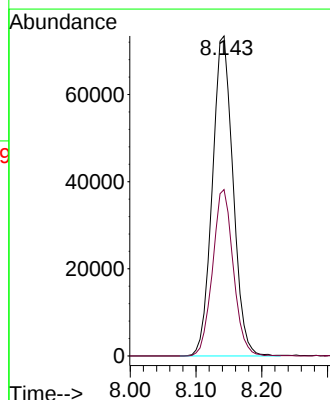
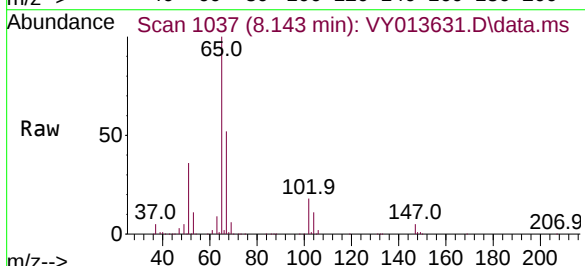
Acq: 05 May 2023 17:28

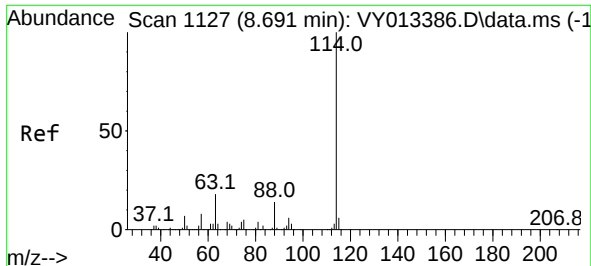
Tgt Ion: 65 Resp: 160841

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013631.D

Acq: 05 May 2023 17:28

Instrument :

MSVOA_Y

ClientSampleId :

ZONE-B-6-9-05012023

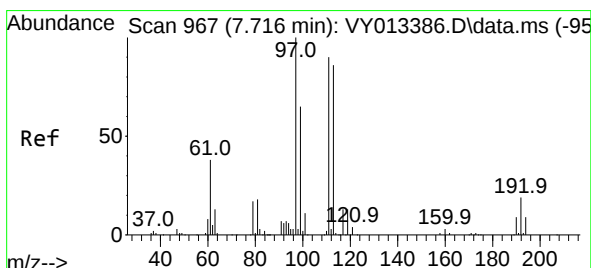
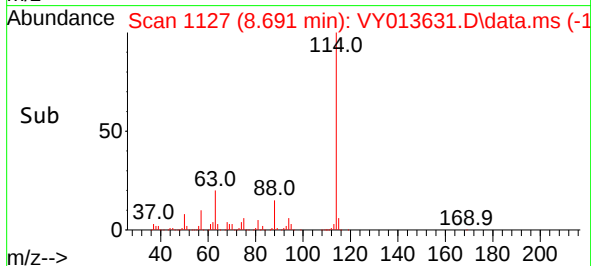
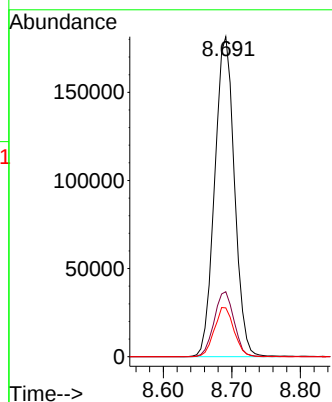
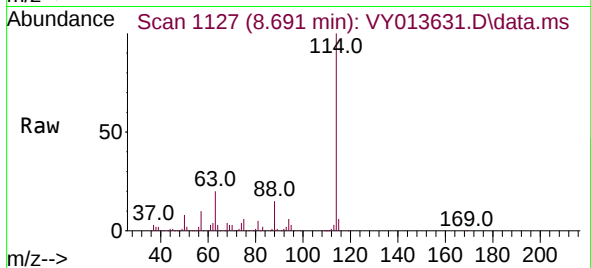
Tgt Ion:114 Resp: 362185

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.6

88 15.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 55.435 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY013631.D

Acq: 05 May 2023 17:28

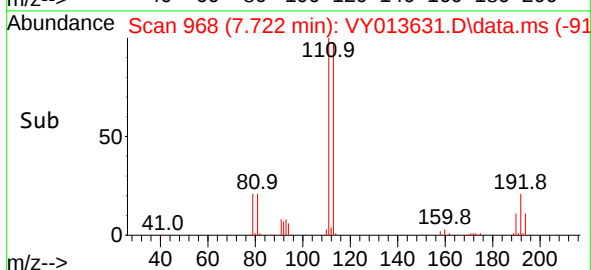
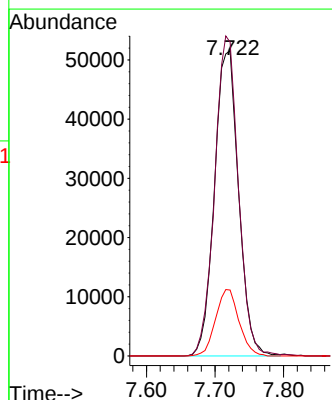
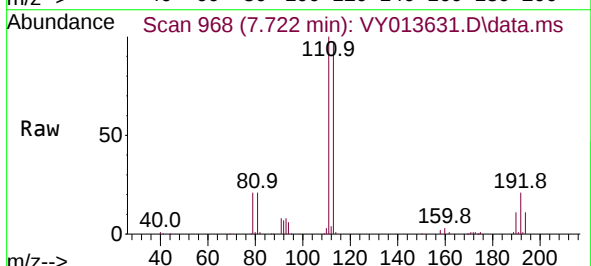
Tgt Ion:113 Resp: 126279

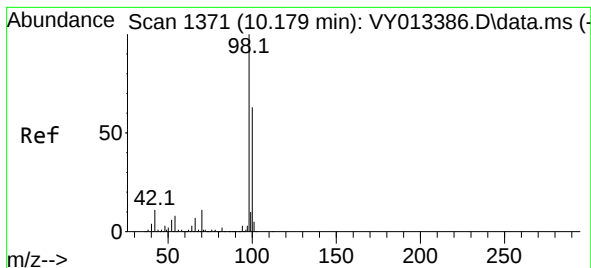
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 21.0 16.7 25.1

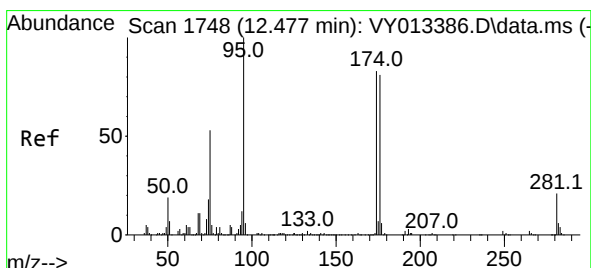
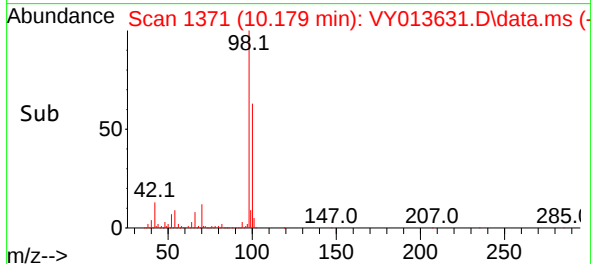
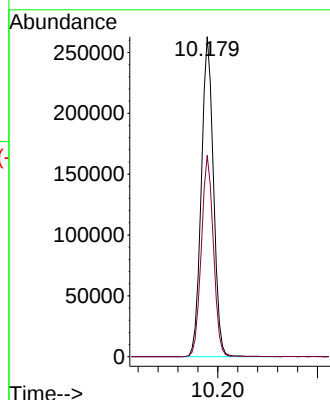
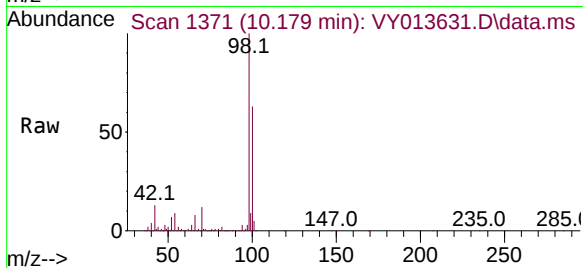




#50
Toluene-d8
Concen: 54.601 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013631.D
Acq: 05 May 2023 17:28

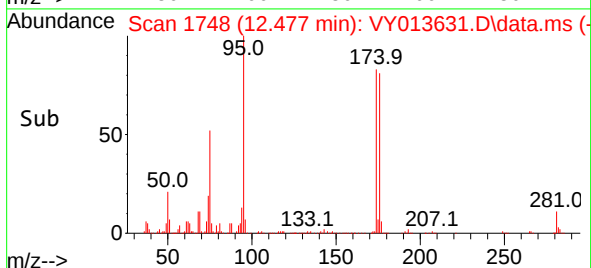
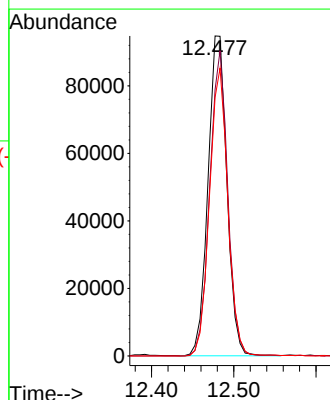
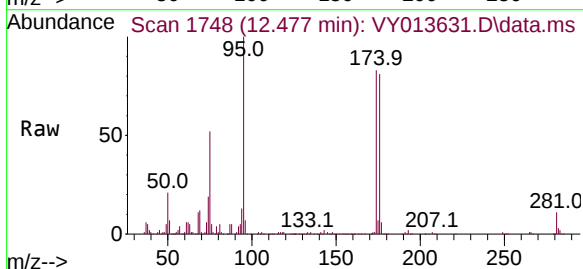
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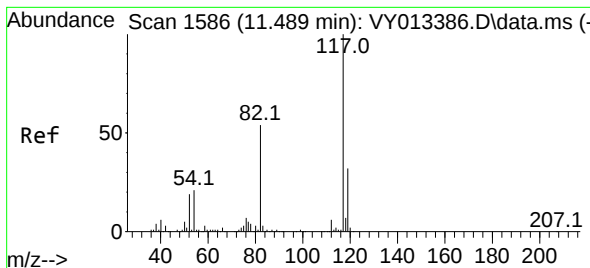
Tgt Ion: 98 Resp: 442469
Ion Ratio Lower Upper
98 100
100 62.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 55.412 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013631.D
Acq: 05 May 2023 17:28

Tgt Ion: 95 Resp: 151382
Ion Ratio Lower Upper
95 100
174 91.1 0.0 182.0
176 87.5 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013631.D

Acq: 05 May 2023 17:28

Instrument :

MSVOA_Y

ClientSampleId :

ZONE-B-6-9-05012023

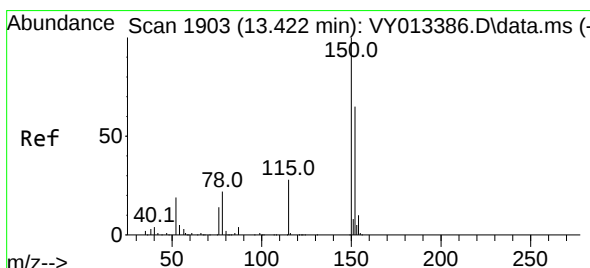
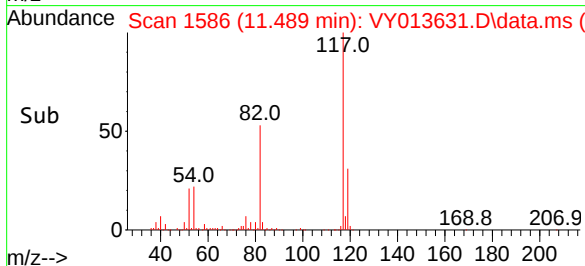
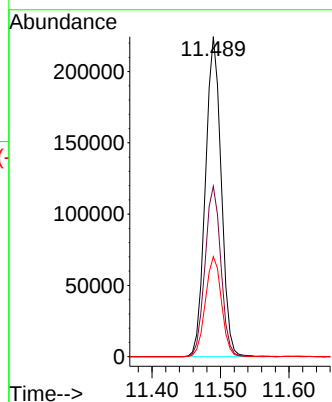
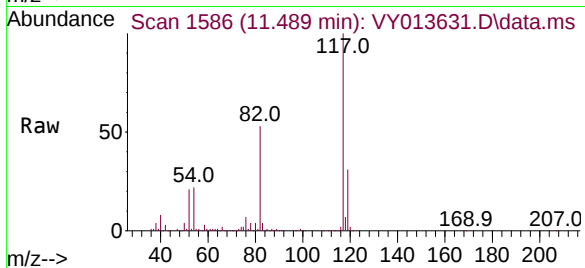
Tgt Ion:117 Resp: 359985

Ion Ratio Lower Upper

117 100

82 53.3 43.0 64.6

119 31.2 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013631.D

Acq: 05 May 2023 17:28

Tgt Ion:152 Resp: 169433

Ion Ratio Lower Upper

152 100

115 55.8 28.1 84.2

150 155.1 0.0 352.0

