

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061323\
 Data File : VD076405.D
 Acq On : 13 Jun 2023 15:18
 Operator : KP/SY
 Sample : 03074-06RE
 Misc : 8.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GT-06RE

Quant Time: Jun 14 05:47:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

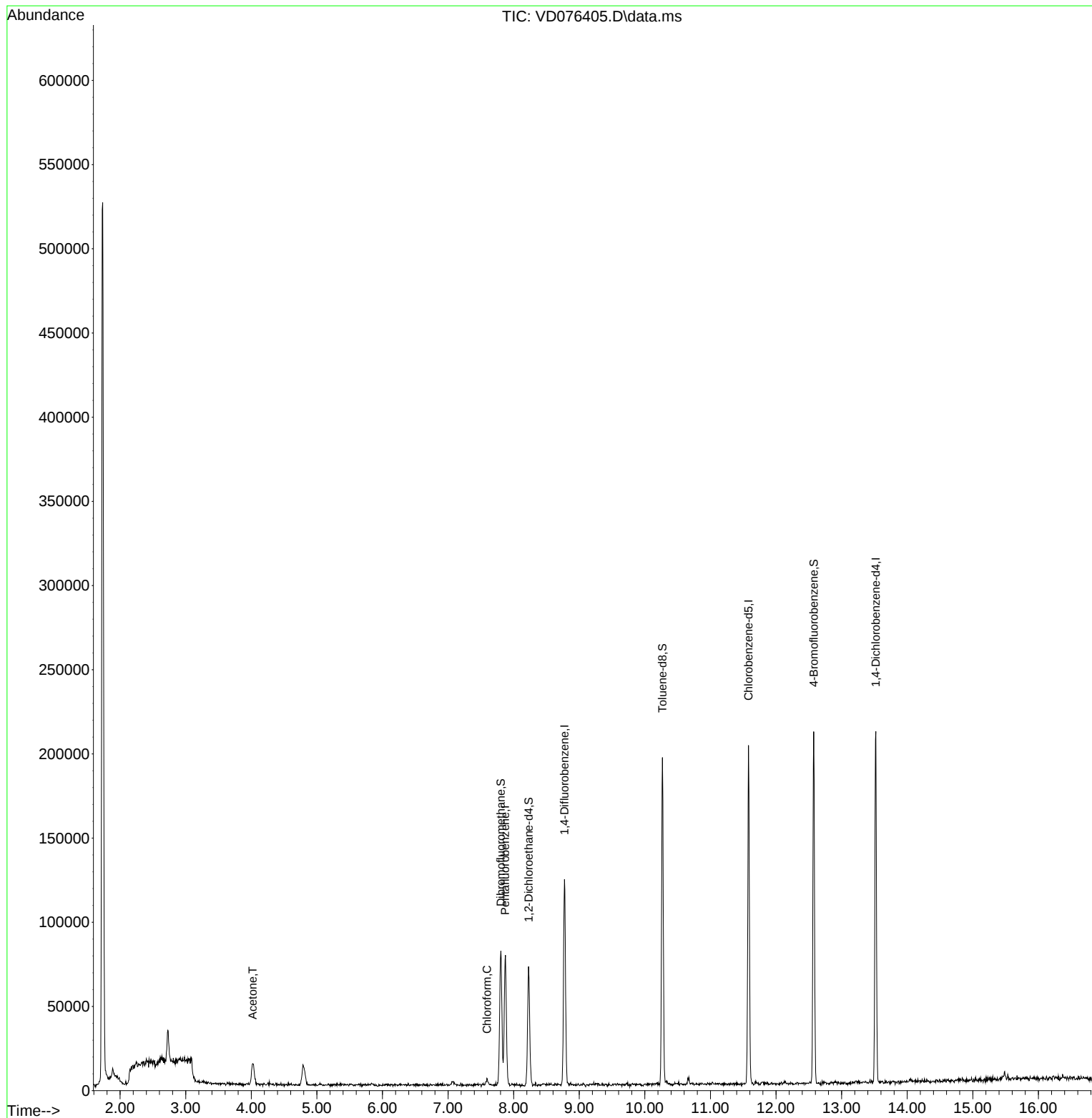
Internal Standards						
1) Pentafluorobenzene	7.869	168	58626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	108795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	108108	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	55832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52115	76.962	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.920%
35) Dibromofluoromethane	7.804	113	57454	81.709	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	163.420%#
50) Toluene-d8	10.269	98	131678	49.416	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.575	95	63134	69.064	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	138.120%
Target Compounds						
						Qvalue
16) Acetone	4.022	43	24823	166.754	ug/l #	81
30) Chloroform	7.593	83	2674	2.071	ug/l	93

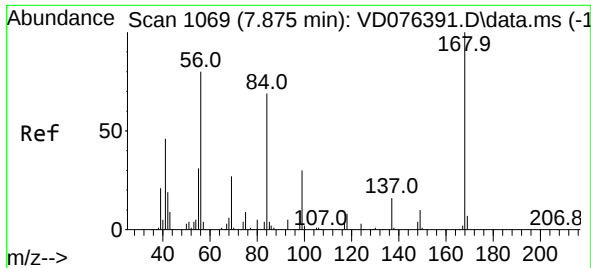
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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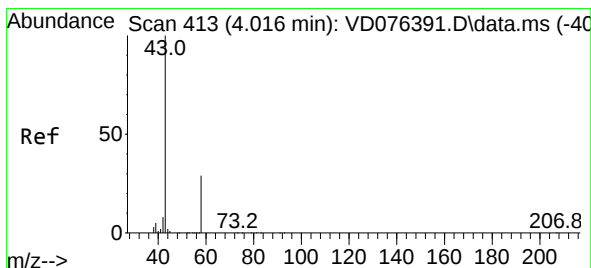
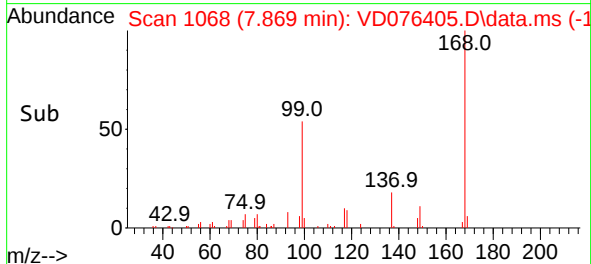
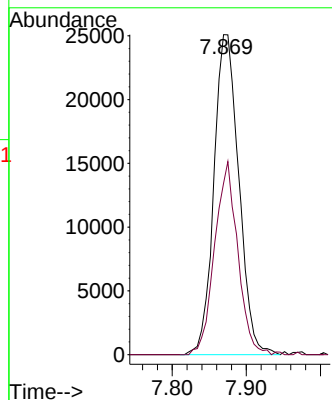
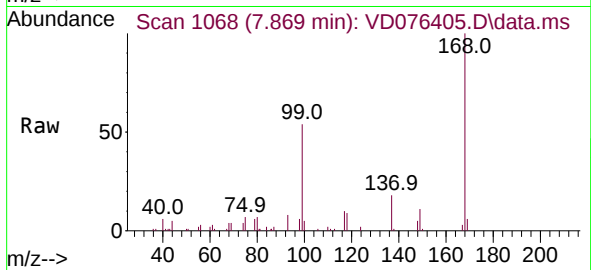




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076405.D
Acq: 13 Jun 2023 15:18

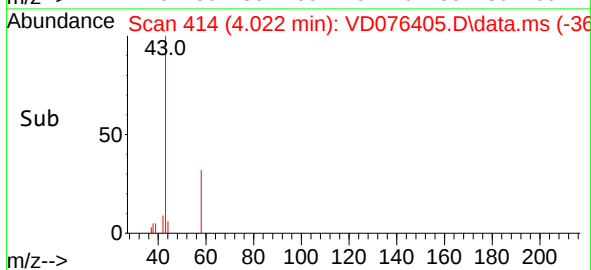
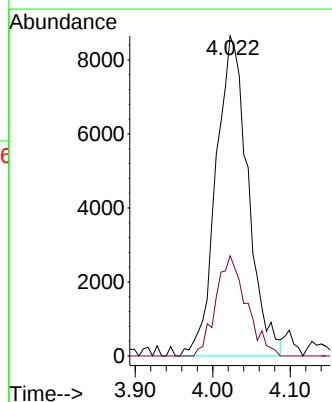
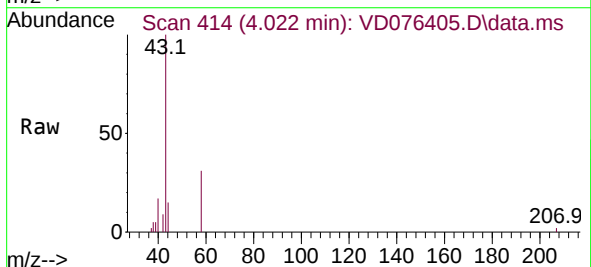
Instrument :
MSVOA_D
ClientSampleId :
GT-06RE

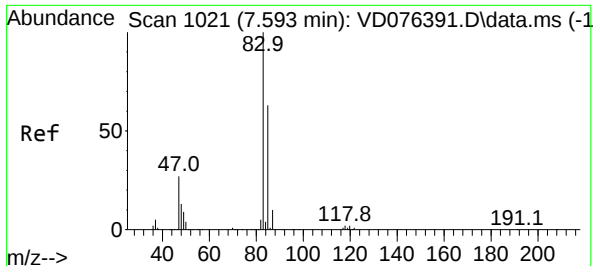
Tgt Ion:168 Resp: 58626
Ion Ratio Lower Upper
168 100
99 53.6 36.7 55.1



#16
Acetone
Concen: 166.754 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076405.D
Acq: 13 Jun 2023 15:18

Tgt Ion: 43 Resp: 24823
Ion Ratio Lower Upper
43 100
58 31.3 34.7 52.1#





#30

Chloroform

Concen: 2.071 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076405.D

Acq: 13 Jun 2023 15:18

Instrument :

MSVOA_D

ClientSampleId :

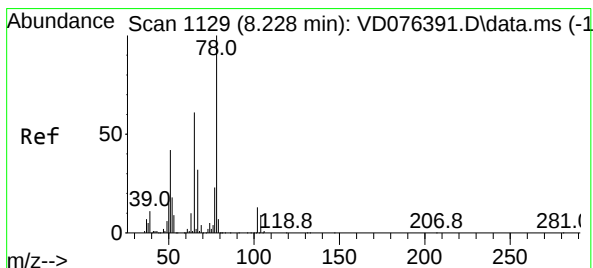
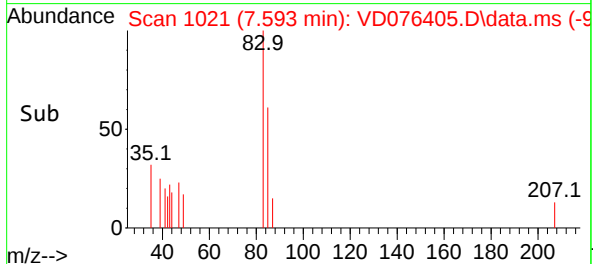
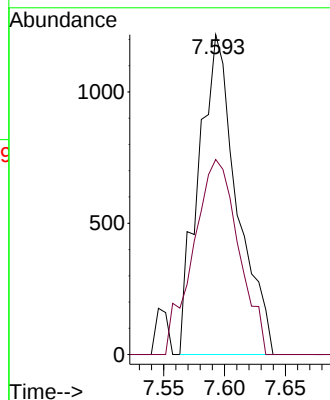
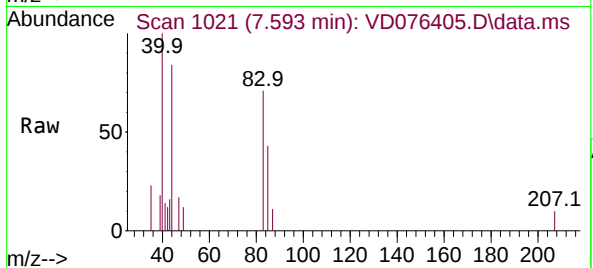
GT-06RE

Tgt Ion: 83 Resp: 2674

Ion Ratio Lower Upper

83 100

85 61.0 53.4 80.2



#33

1,2-Dichloroethane-d4

Concen: 76.962 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076405.D

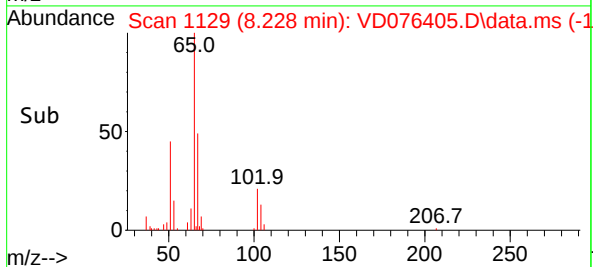
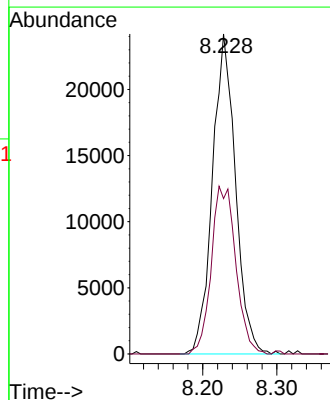
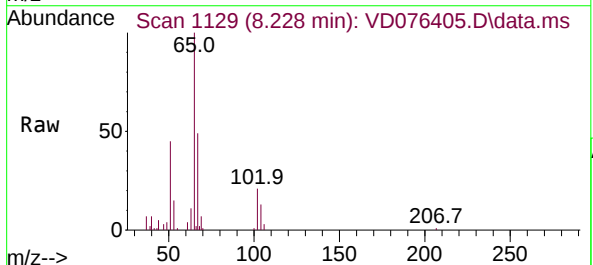
Acq: 13 Jun 2023 15:18

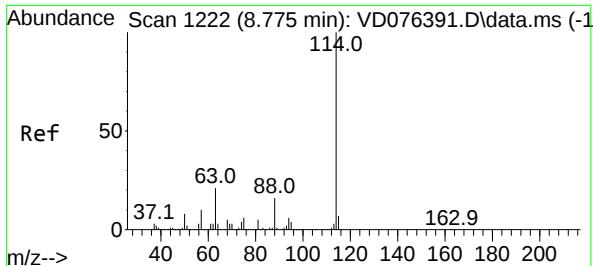
Tgt Ion: 65 Resp: 52115

Ion Ratio Lower Upper

65 100

67 55.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076405.D

Acq: 13 Jun 2023 15:18

Instrument :

MSVOA_D

ClientSampleId :

GT-06RE

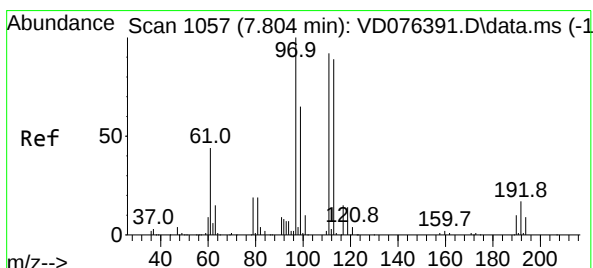
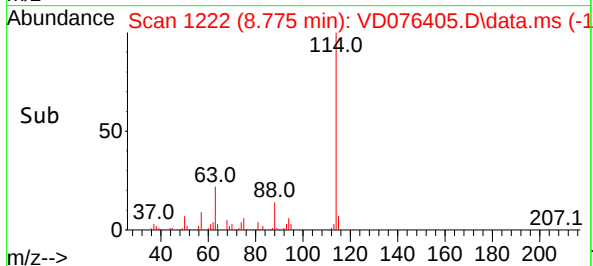
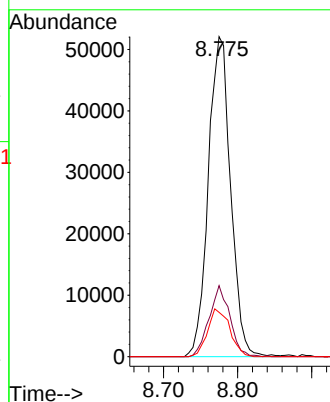
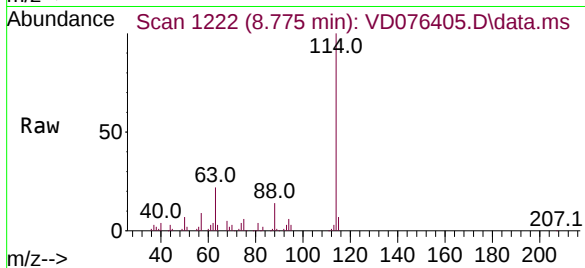
Tgt Ion:114 Resp: 108795

Ion Ratio Lower Upper

114 100

63 22.2 0.0 33.4

88 13.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 81.709 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076405.D

Acq: 13 Jun 2023 15:18

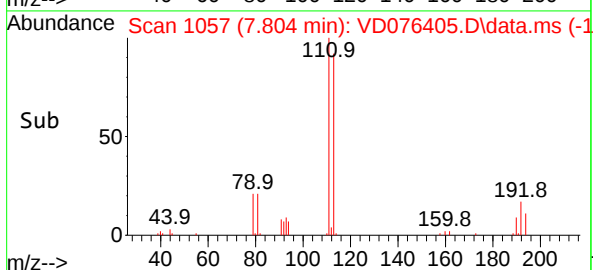
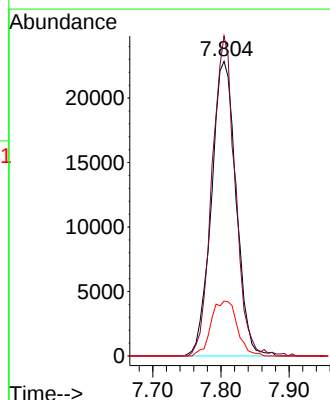
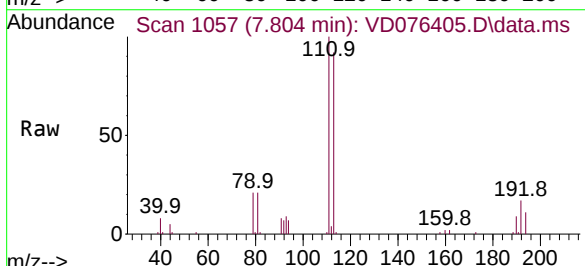
Tgt Ion:113 Resp: 57454

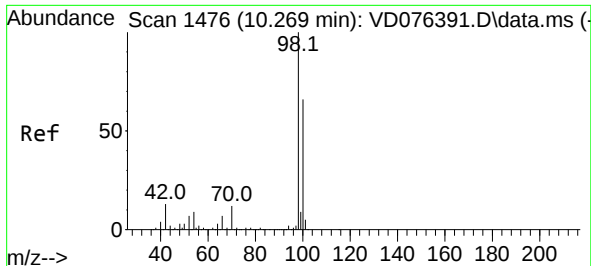
Ion Ratio Lower Upper

113 100

111 102.2 84.7 127.1

192 19.8 16.8 25.2

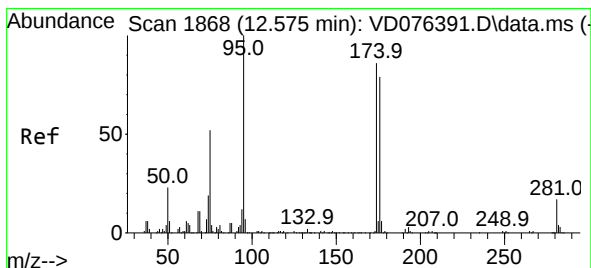
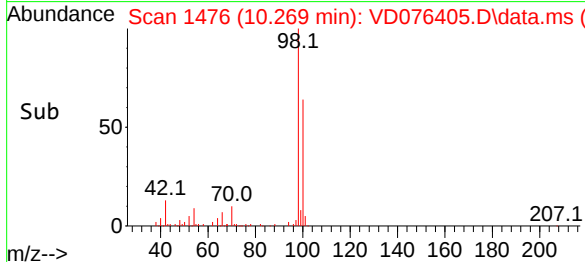
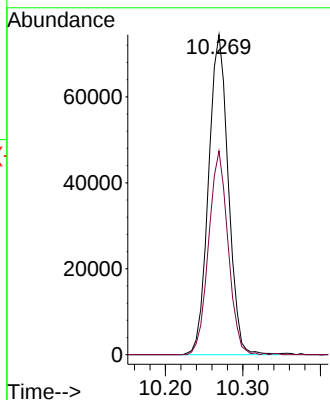
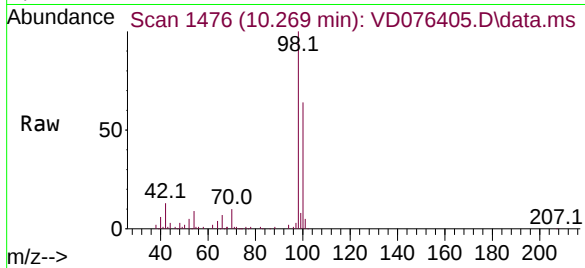




#50
Toluene-d8
Concen: 49.416 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076405.D
Acq: 13 Jun 2023 15:18

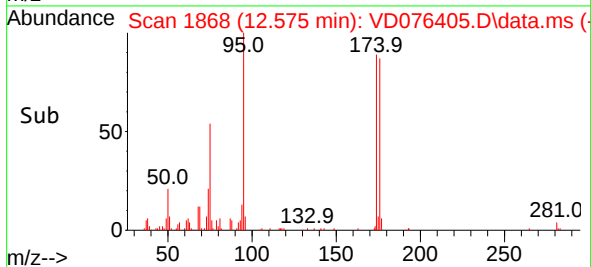
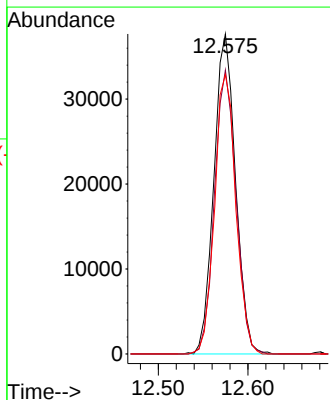
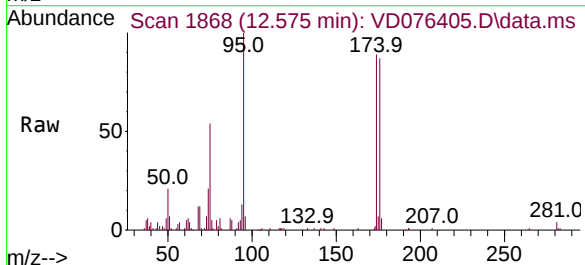
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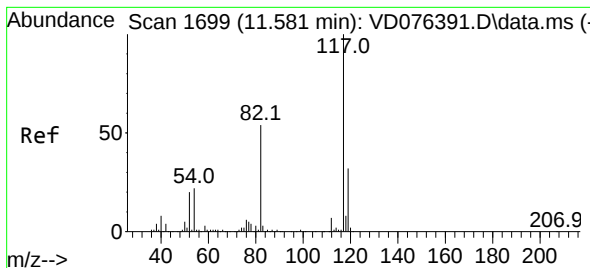
Tgt Ion: 98 Resp: 131678
Ion Ratio Lower Upper
98 100
100 62.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 69.064 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076405.D
Acq: 13 Jun 2023 15:18

Tgt Ion: 95 Resp: 63134
Ion Ratio Lower Upper
95 100
174 88.1 0.0 201.8
176 85.9 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076405.D

Acq: 13 Jun 2023 15:18

Instrument :

MSVOA_D

ClientSampleId :

GT-06RE

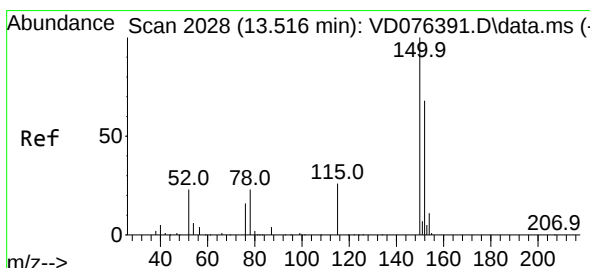
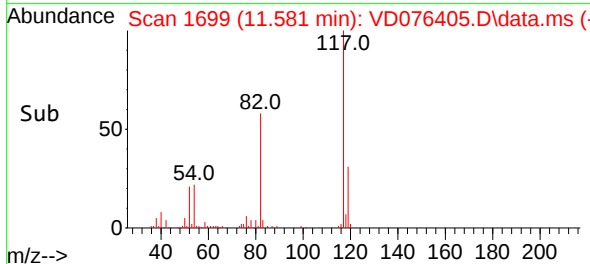
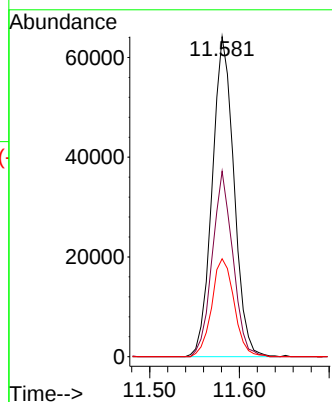
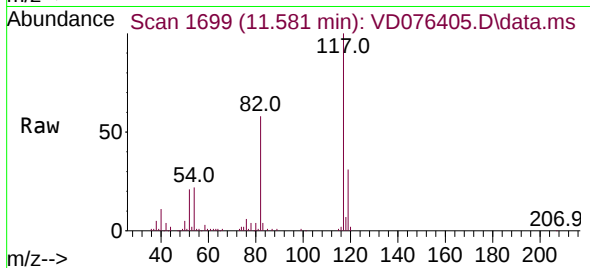
Tgt Ion:117 Resp: 108108

Ion Ratio Lower Upper

117 100

82 58.0 38.3 57.5#

119 30.6 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD076405.D

Acq: 13 Jun 2023 15:18

Tgt Ion:152 Resp: 55832

Ion Ratio Lower Upper

152 100

115 56.5 27.1 81.3

150 154.7 0.0 353.6

