

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061323\
 Data File : VD076403.D
 Acq On : 13 Jun 2023 14:18
 Operator : KP/SY
 Sample : 03074-01RE
 Misc : 6.92G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GT-01RE

Quant Time: Jun 14 05:46:44 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)

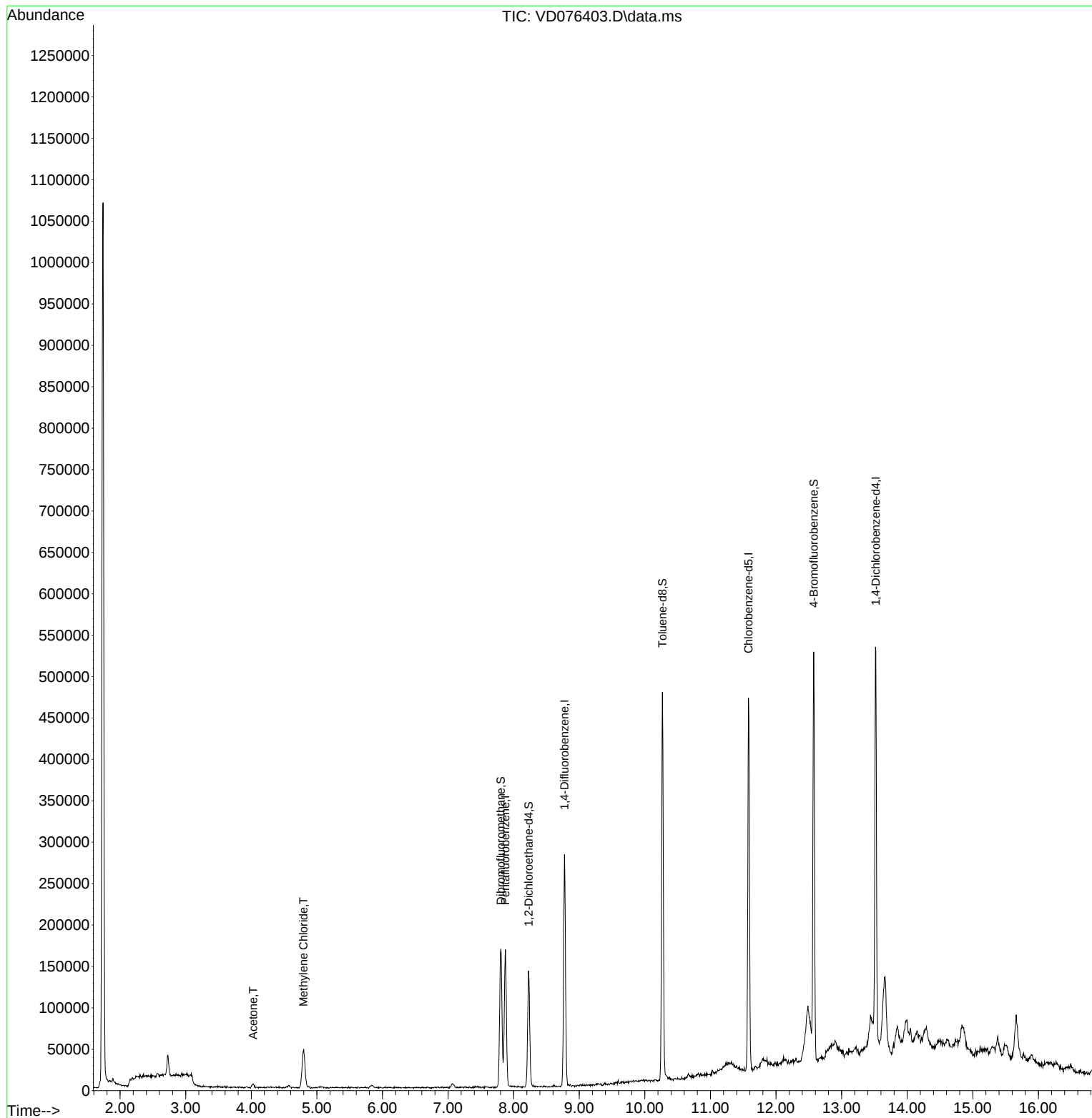
Internal Standards						
1) Pentafluorobenzene	7.875	168	127571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	239461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	255091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	128235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	105176	71.379	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.760%	
35) Dibromofluoromethane	7.804	113	123103	79.541	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 159.080%#	
50) Toluene-d8	10.269	98	321157	54.758	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.520%	
62) 4-Bromofluorobenzene	12.574	95	147864	73.489	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 146.980%#	
Target Compounds						Qvalue
16) Acetone	4.028	43	7569	23.367	ug/l	95
20) Methylene Chloride	4.793	84	34383	15.968	ug/l #	85

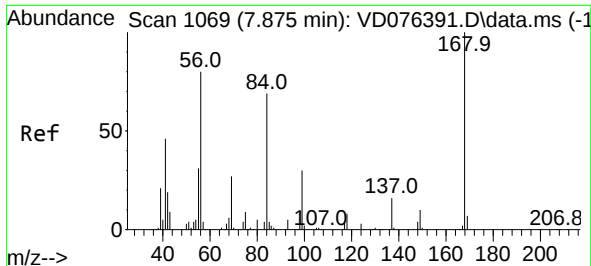
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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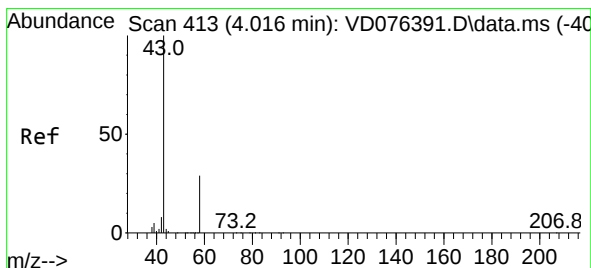
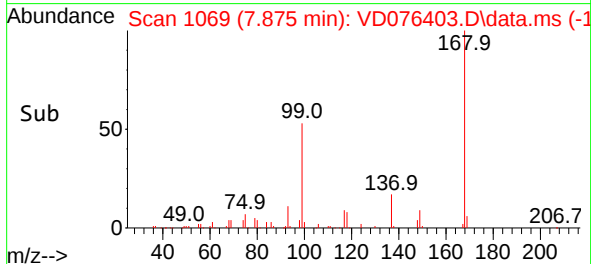
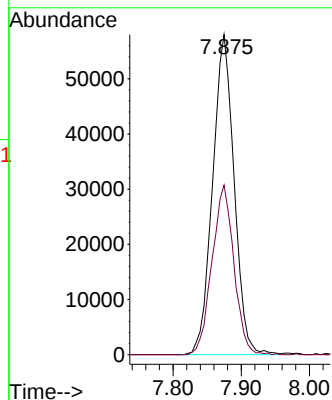
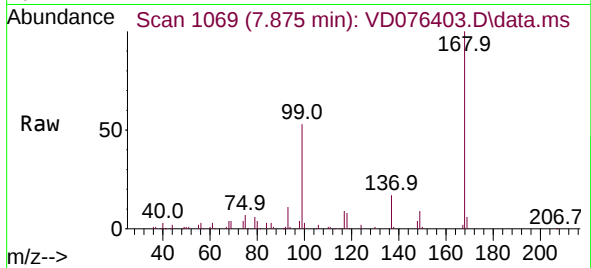




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076403.D
Acq: 13 Jun 2023 14:18

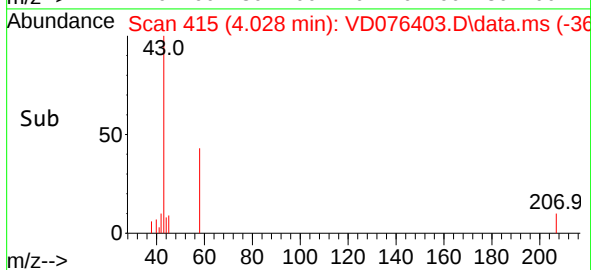
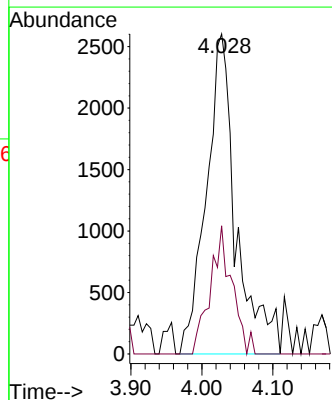
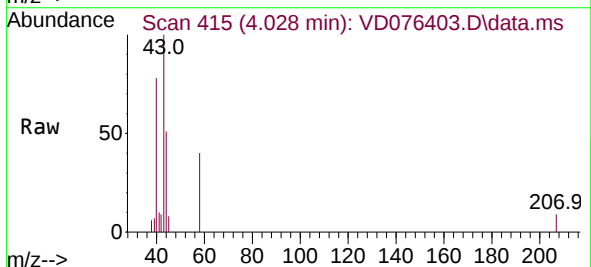
Instrument :
MSVOA_D
ClientSampleId :
GT-01RE

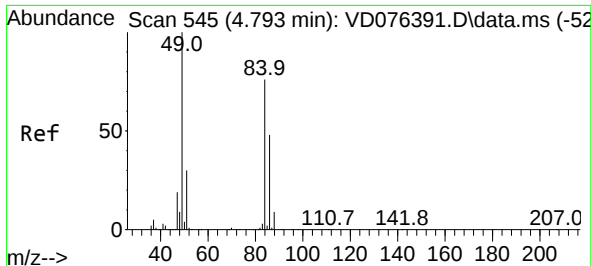
Tgt Ion:168 Resp: 127571
Ion Ratio Lower Upper
168 100
99 53.0 36.7 55.1



#16
Acetone
Concen: 23.367 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD076403.D
Acq: 13 Jun 2023 14:18

Tgt Ion: 43 Resp: 7569
Ion Ratio Lower Upper
43 100
58 40.0 34.7 52.1

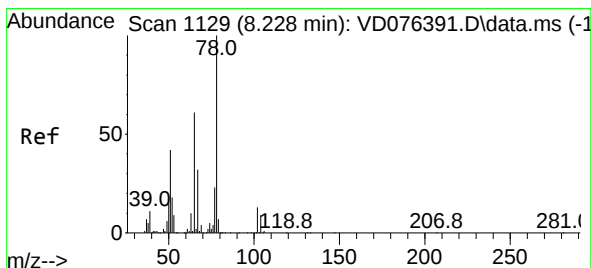
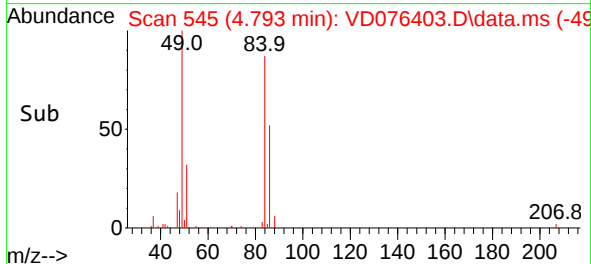
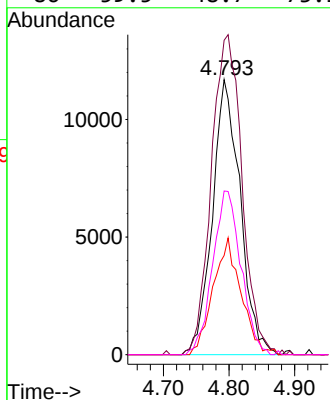
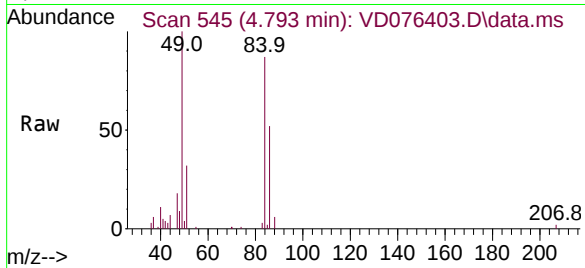




#20
Methylene Chloride
Concen: 15.968 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD076403.D
Acq: 13 Jun 2023 14:18

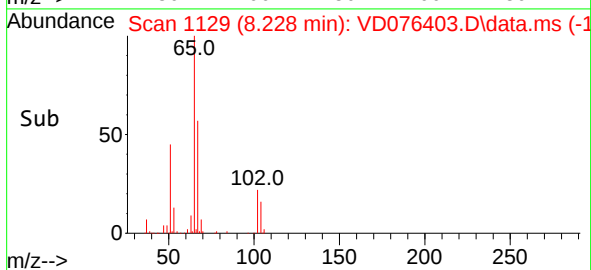
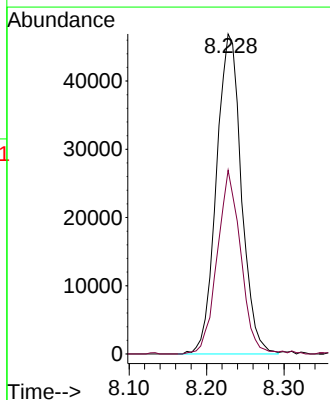
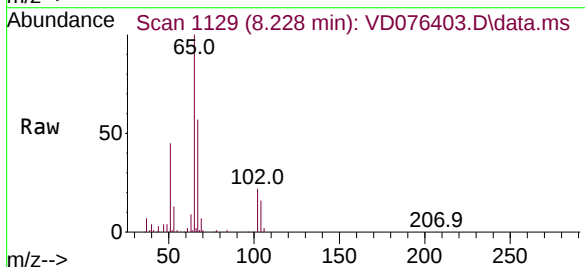
Instrument :
MSVOA_D
ClientSampleId :
GT-01RE

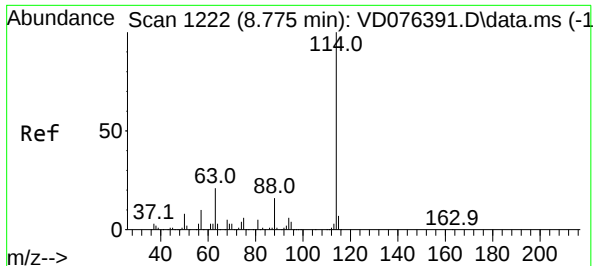
Tgt Ion: 84 Resp: 34383
Ion Ratio Lower Upper
84 100
49 114.3 71.4 107.2#
51 36.1 24.5 36.7
86 59.5 48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 71.379 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076403.D
Acq: 13 Jun 2023 14:18

Tgt Ion: 65 Resp: 105176
Ion Ratio Lower Upper
65 100
67 54.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076403.D

Acq: 13 Jun 2023 14:18

Instrument :

MSVOA_D

ClientSampleId :

GT-01RE

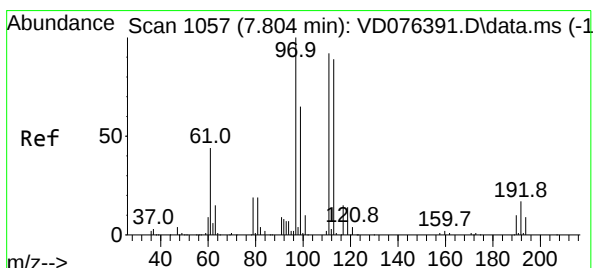
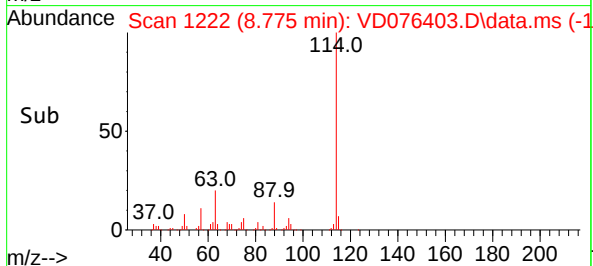
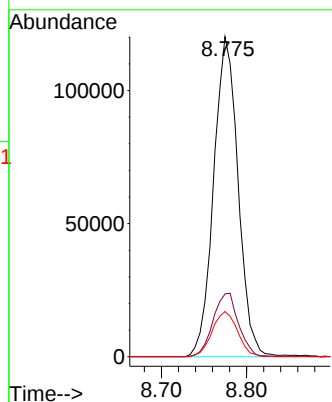
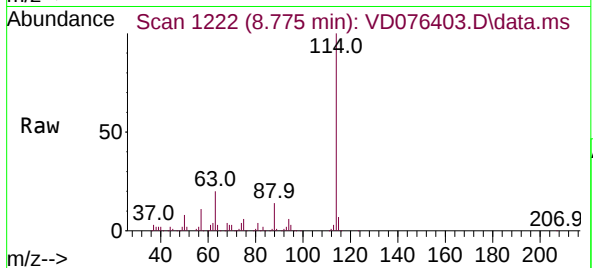
Tgt Ion:114 Resp: 239461

Ion Ratio Lower Upper

114 100

63 19.6 0.0 33.4

88 14.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 79.541 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076403.D

Acq: 13 Jun 2023 14:18

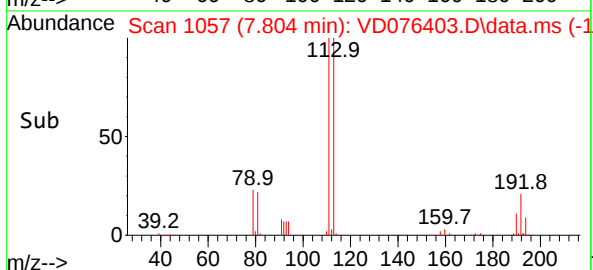
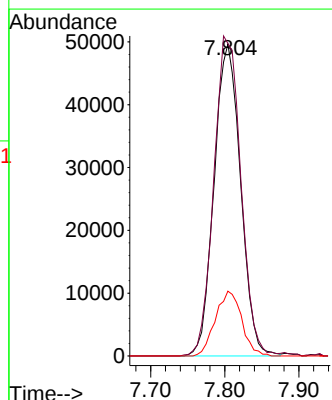
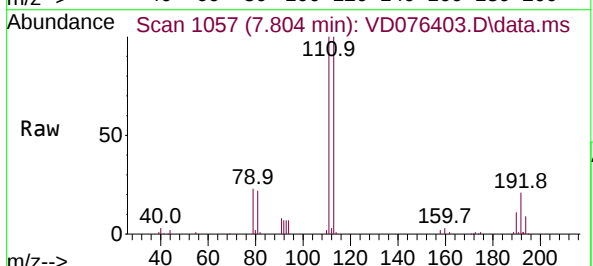
Tgt Ion:113 Resp: 123103

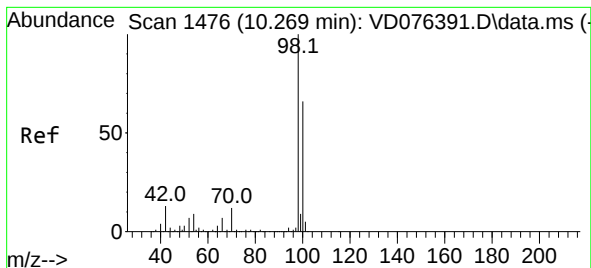
Ion Ratio Lower Upper

113 100

111 104.9 84.7 127.1

192 20.6 16.8 25.2





#50

Toluene-d8

Concen: 54.758 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076403.D

Acq: 13 Jun 2023 14:18

Instrument :

MSVOA_D

ClientSampleId :

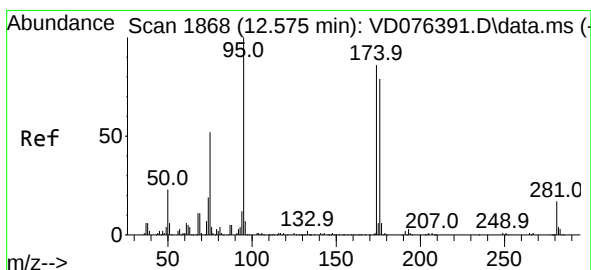
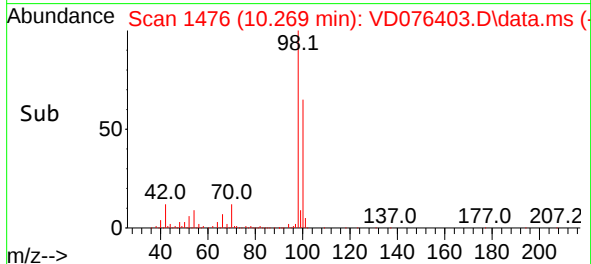
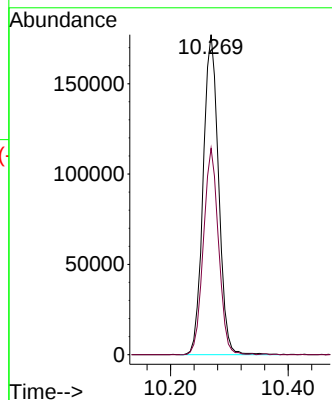
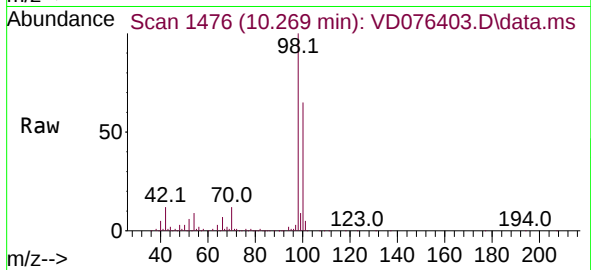
GT-01RE

Tgt Ion: 98 Resp: 321157

Ion Ratio Lower Upper

98 100

100 63.3 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 73.489 ug/l

RT: 12.574 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD076403.D

Acq: 13 Jun 2023 14:18

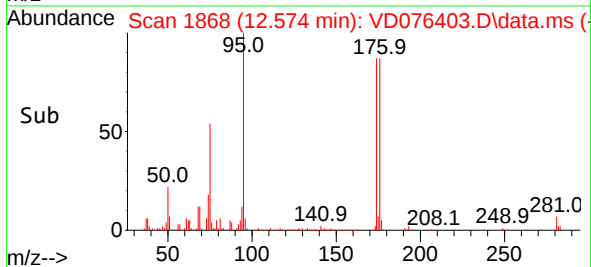
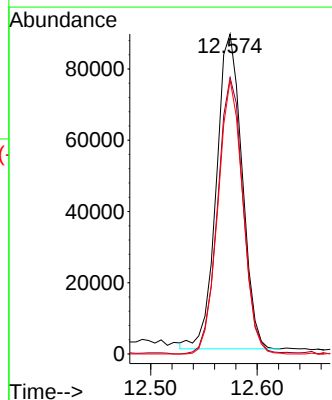
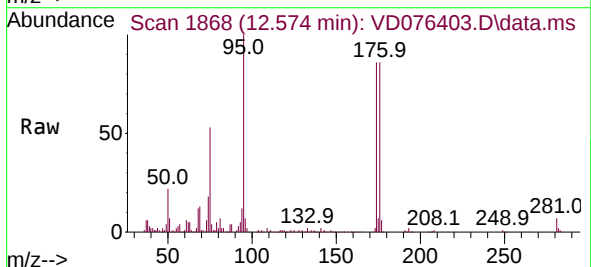
Tgt Ion: 95 Resp: 147864

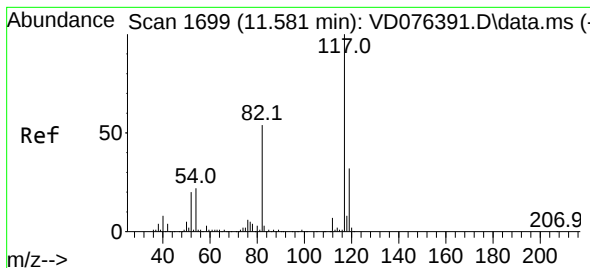
Ion Ratio Lower Upper

95 100

174 87.3 0.0 201.8

176 84.2 0.0 191.8

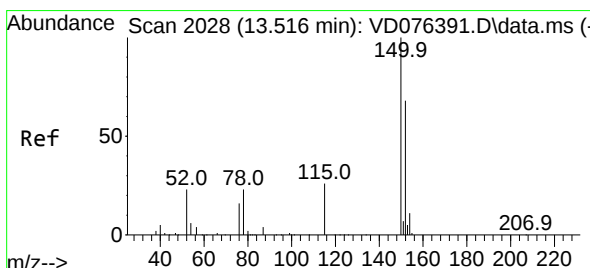
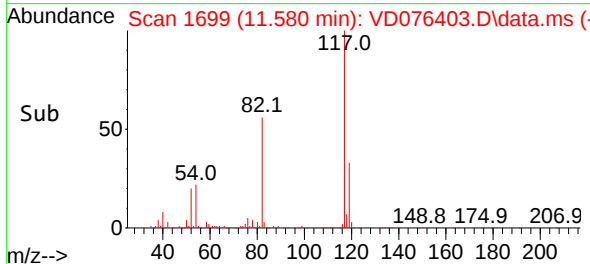
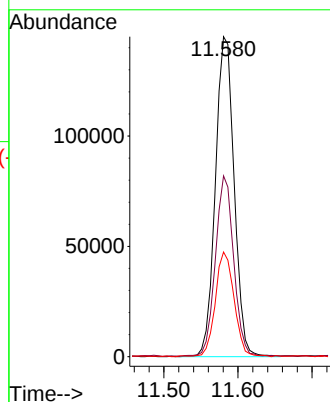
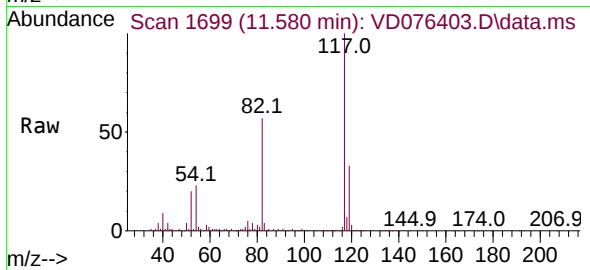




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076403.D
Acq: 13 Jun 2023 14:18

Instrument :
MSVOA_D
ClientSampleId :
GT-01RE

Tgt Ion:117 Resp: 255091
Ion Ratio Lower Upper
117 100
82 56.4 38.3 57.5
119 32.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.521 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD076403.D
Acq: 13 Jun 2023 14:18

Tgt Ion:152 Resp: 128235
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 154.9 0.0 353.6

