

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060223\
 Data File : VD076319.D
 Acq On : 02 Jun 2023 18:05
 Operator : KP/SY
 Sample : 02986-07
 Misc : 5.41G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-15-0A

Quant Time: Jun 03 02:25:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 05:50:45 2023
 Response via : Initial Calibration

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

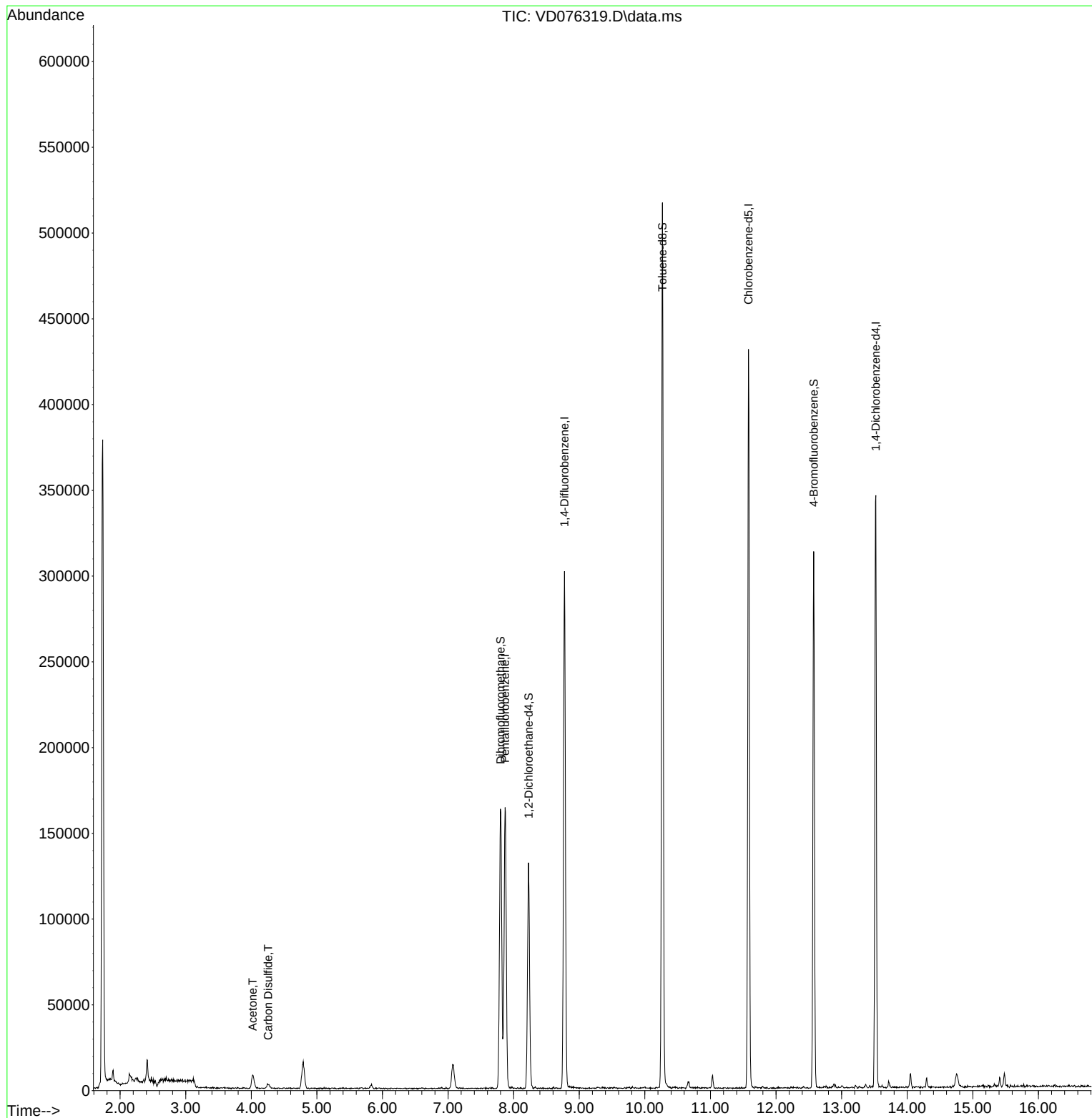
Internal Standards						
1) Pentafluorobenzene	7.869	168	142195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	293168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	268035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	105137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	94939	68.510	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.020%
35) Dibromofluoromethane	7.799	113	122813	63.461	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.920%
50) Toluene-d8	10.269	98	376114	50.407	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.575	95	93913	45.125	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.260%
Target Compounds						
16) Acetone	4.022	43	13131	45.461	ug/l	99
17) Carbon Disulfide	4.258	76	5759	1.092	ug/l #	76

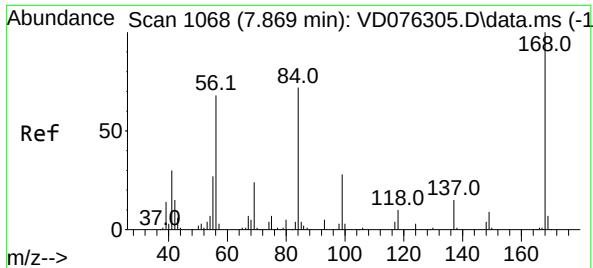
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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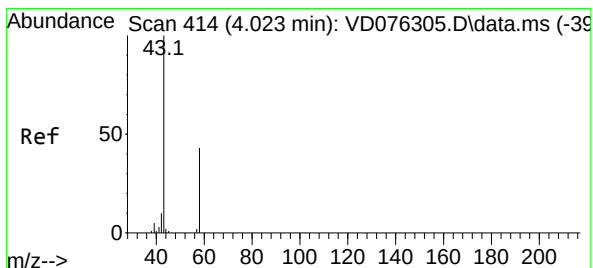
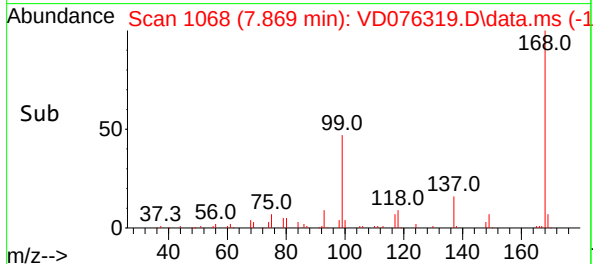
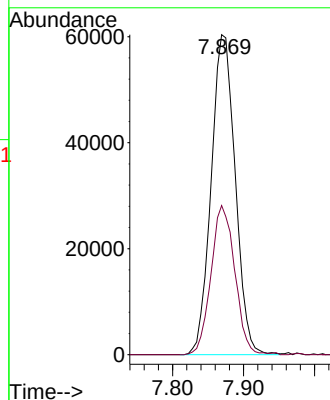
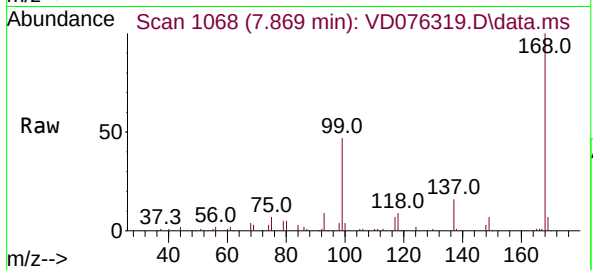




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD076319.D
Acq: 02 Jun 2023 18:05

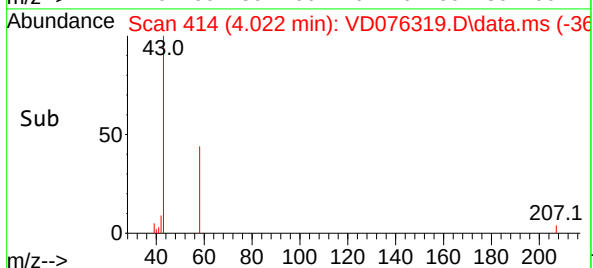
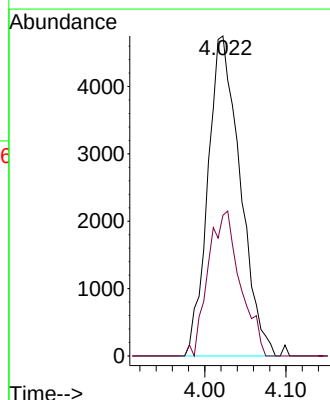
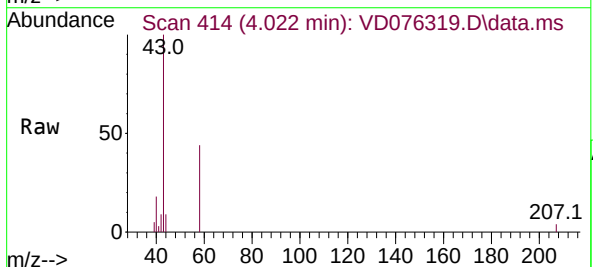
Instrument :
MSVOA_D
ClientSampleId :
TP-15-0A

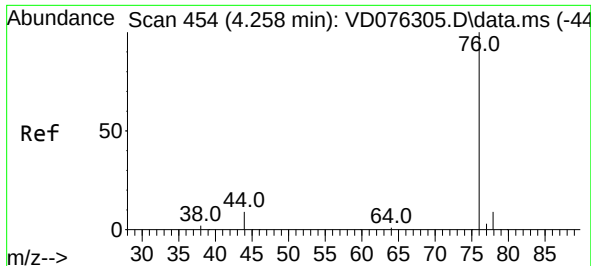
Tgt Ion:168 Resp: 142195
Ion Ratio Lower Upper
168 100
99 46.6 36.7 55.1



#16
Acetone
Concen: 45.461 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD076319.D
Acq: 02 Jun 2023 18:05

Tgt Ion: 43 Resp: 13131
Ion Ratio Lower Upper
43 100
58 44.0 34.7 52.1

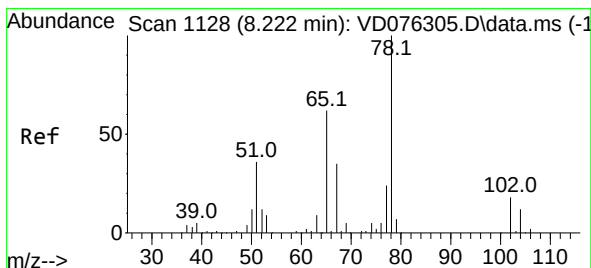
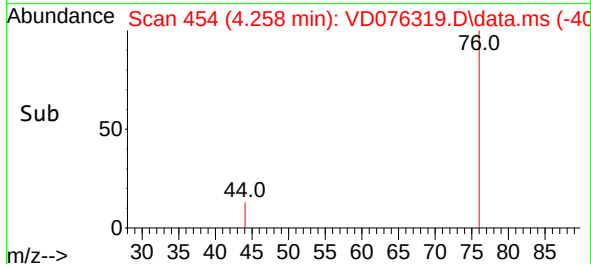
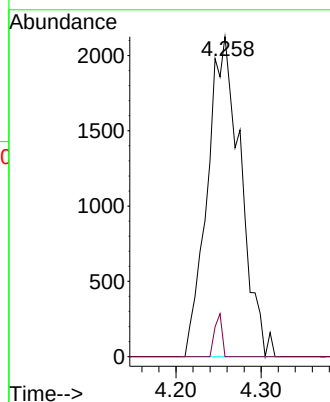
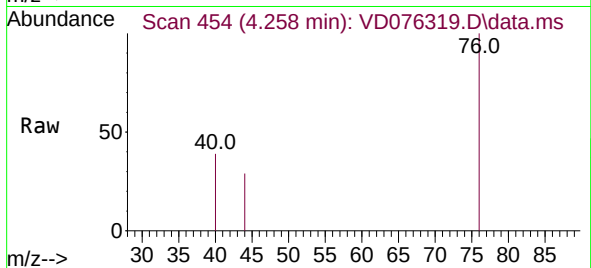




#17
Carbon Disulfide
Concen: 1.092 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD076319.D
Acq: 02 Jun 2023 18:05

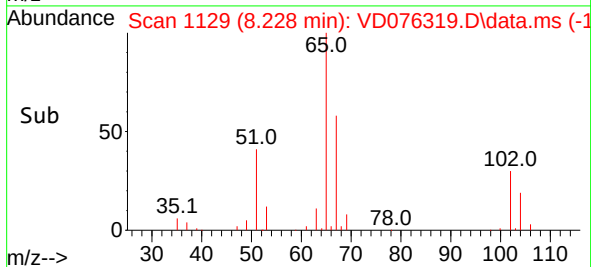
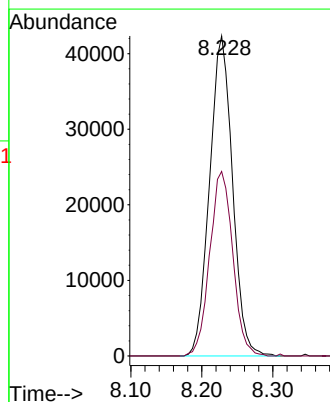
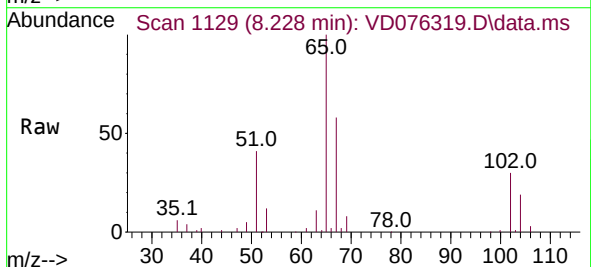
Instrument :
MSVOA_D
ClientSampleId :
TP-15-0A

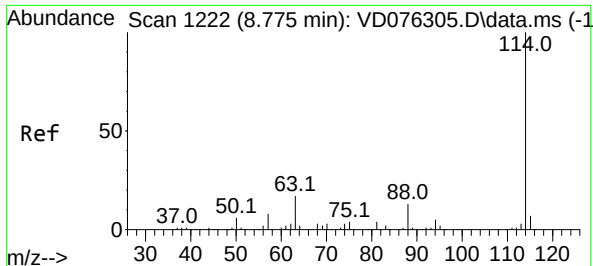
Tgt Ion: 76 Resp: 5759
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#33
1,2-Dichloroethane-d4
Concen: 68.510 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD076319.D
Acq: 02 Jun 2023 18:05

Tgt Ion: 65 Resp: 94939
Ion Ratio Lower Upper
65 100
67 58.0 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: VD076319.D

Acq: 02 Jun 2023 18:05

Instrument :

MSVOA_D

ClientSampleId :

TP-15-0A

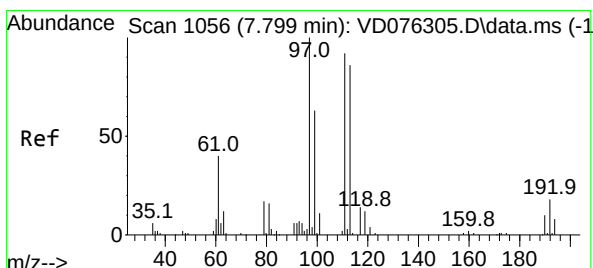
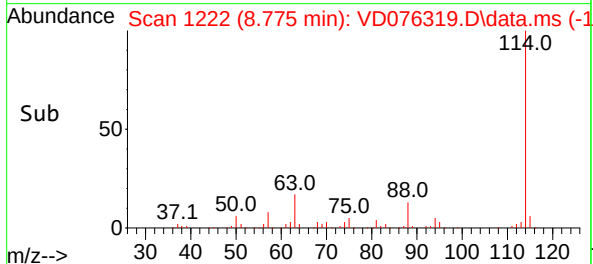
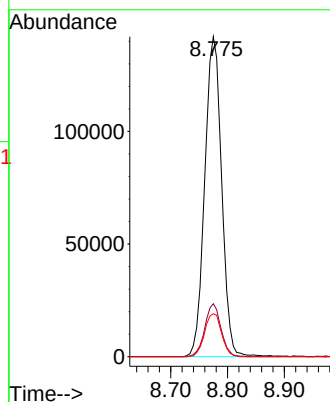
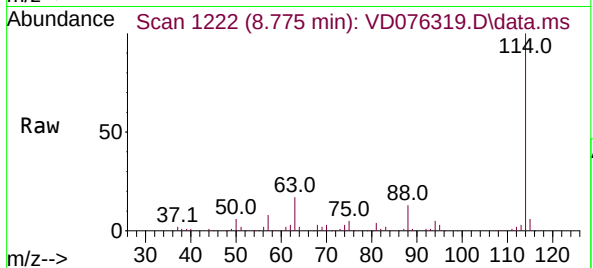
Tgt Ion:114 Resp: 293168

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 13.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 63.461 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD076319.D

Acq: 02 Jun 2023 18:05

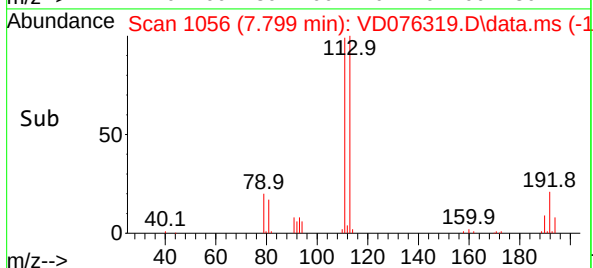
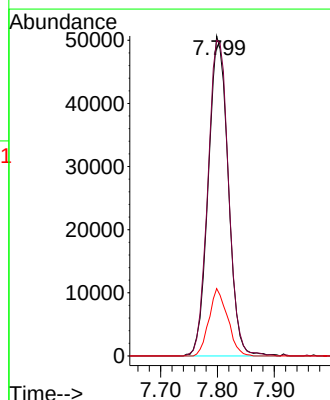
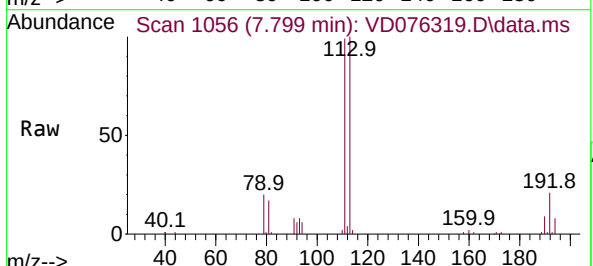
Tgt Ion:113 Resp: 122813

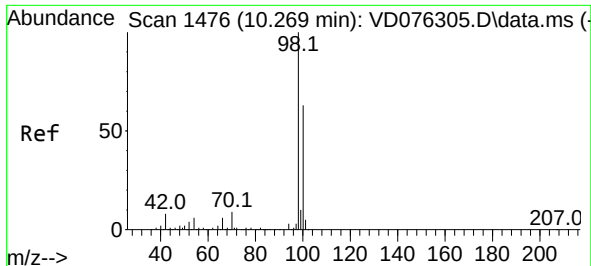
Ion Ratio Lower Upper

113 100

111 102.4 84.7 127.1

192 19.8 16.8 25.2

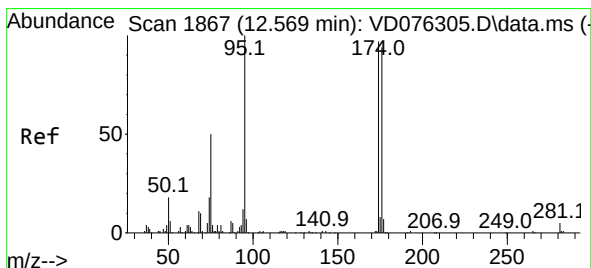
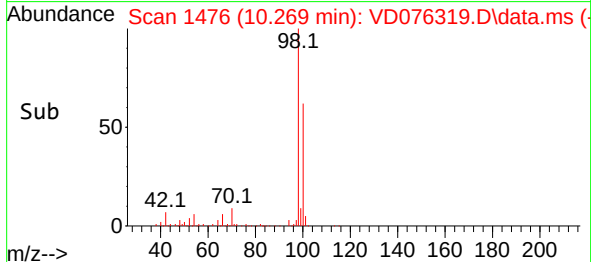
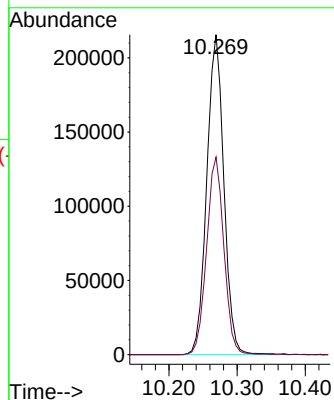
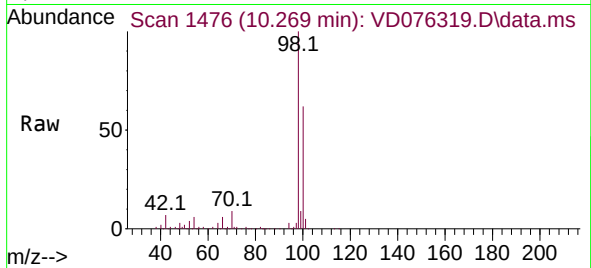




#50
Toluene-d8
Concen: 50.407 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076319.D
Acq: 02 Jun 2023 18:05

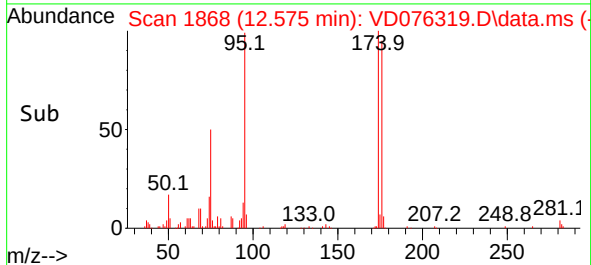
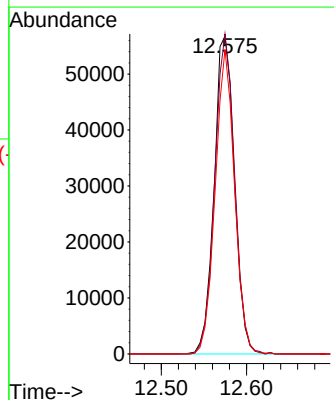
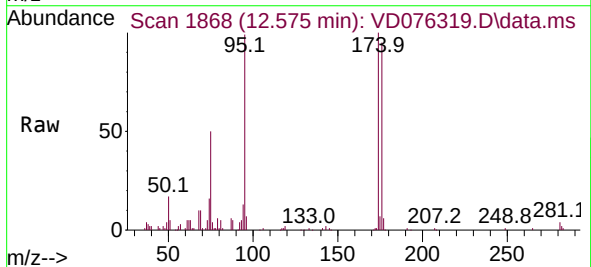
Instrument :
MSVOA_D
ClientSampleId :
TP-15-0A

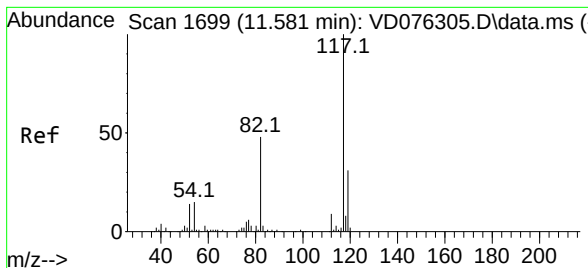
Tgt Ion: 98 Resp: 376114
Ion Ratio Lower Upper
98 100
100 62.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 45.125 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD076319.D
Acq: 02 Jun 2023 18:05

Tgt Ion: 95 Resp: 93913
Ion Ratio Lower Upper
95 100
174 98.6 0.0 201.8
176 91.1 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: VD076319.D

Acq: 02 Jun 2023 18:05

Instrument :

MSVOA_D

ClientSampleId :

TP-15-0A

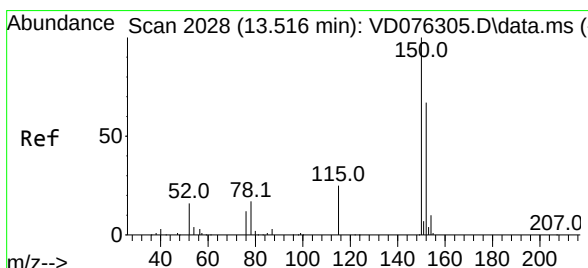
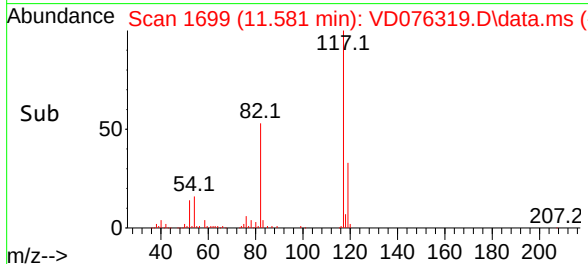
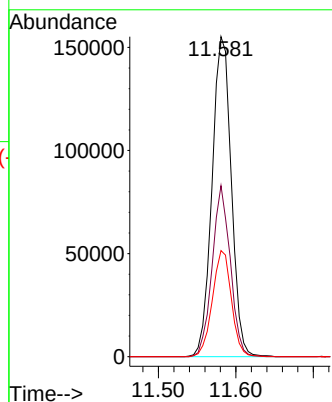
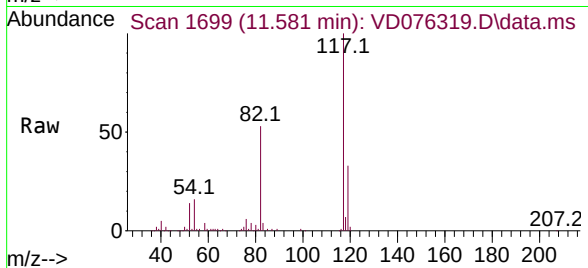
Tgt Ion:117 Resp: 268035

Ion Ratio Lower Upper

117 100

82 53.5 38.3 57.5

119 33.1 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: VD076319.D

Acq: 02 Jun 2023 18:05

Tgt Ion:152 Resp: 105137

Ion Ratio Lower Upper

152 100

115 50.5 27.1 81.3

150 153.8 0.0 353.6

