

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060223\
 Data File : VD076315.D
 Acq On : 02 Jun 2023 15:59
 Operator : KP/SY
 Sample : 03001-01
 Misc : 5.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP16-0A

Quant Time: Jun 03 02:24:09 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)

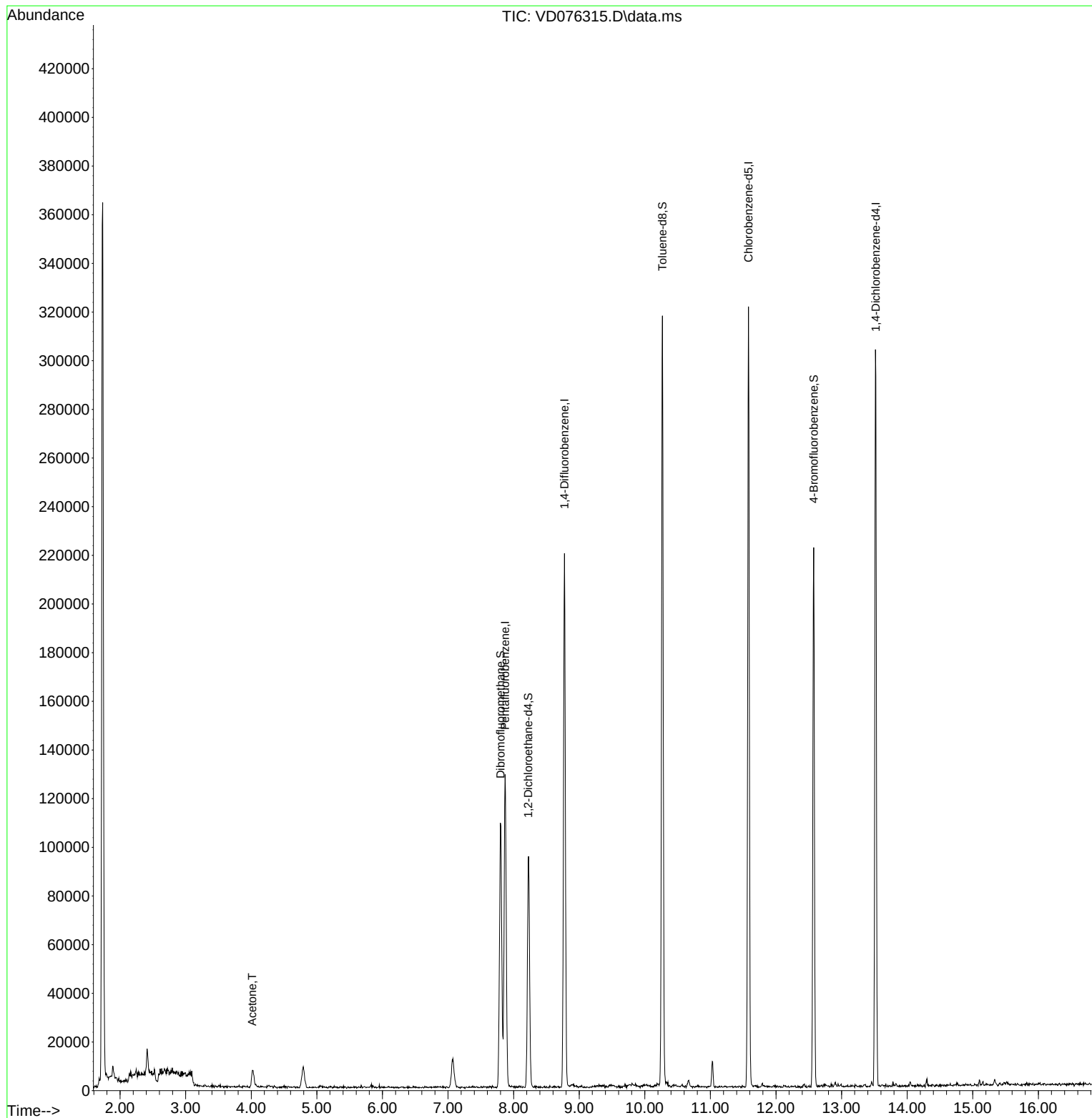
Internal Standards						
1) Pentafluorobenzene	7.869	168	108154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	205402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	200074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	90036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	73793	70.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.020%
35) Dibromofluoromethane	7.799	113	82105	60.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.100%
50) Toluene-d8	10.269	98	232742	44.520	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.040%
62) 4-Bromofluorobenzene	12.575	95	66288	45.461	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.920%
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	12613	63.084	ug/l	88

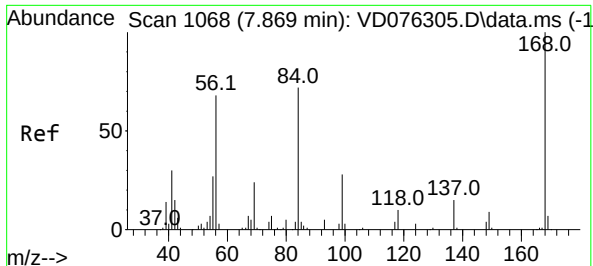
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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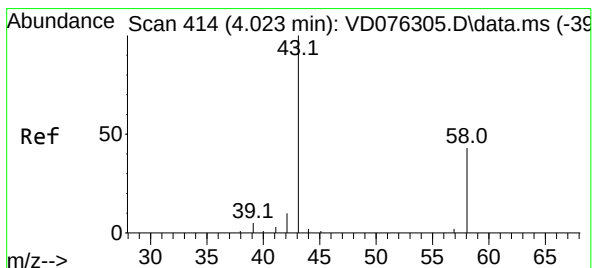
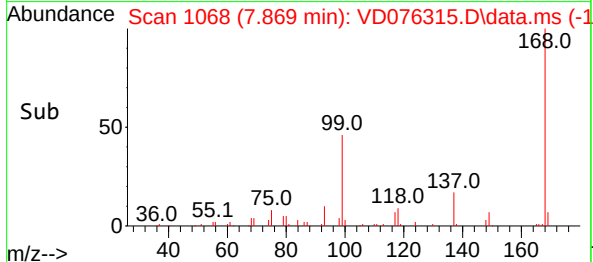
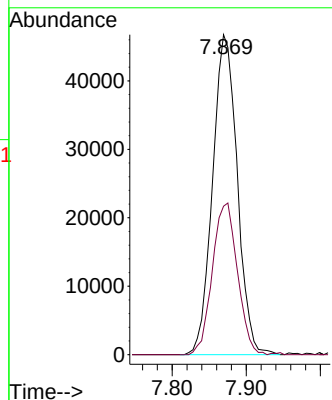
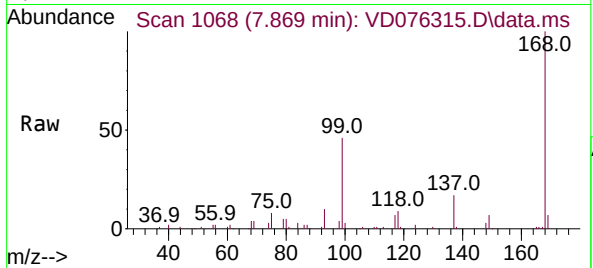




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD076315.D
Acq: 02 Jun 2023 15:59

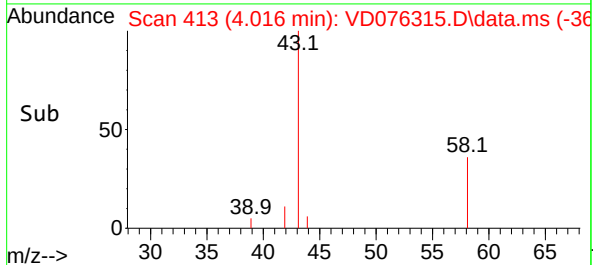
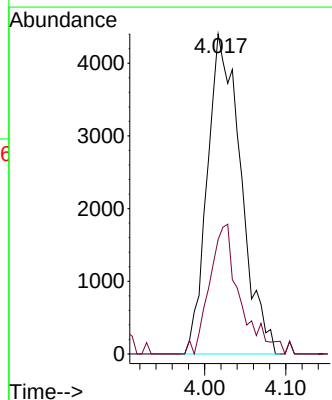
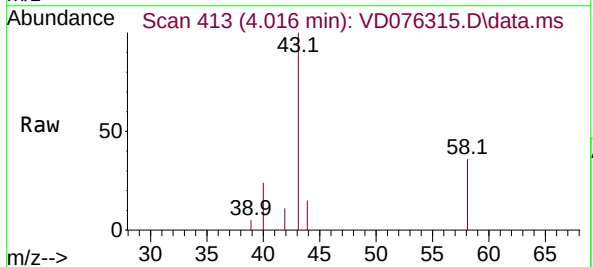
Instrument :
MSVOA_D
ClientSampleId :
TP16-0A

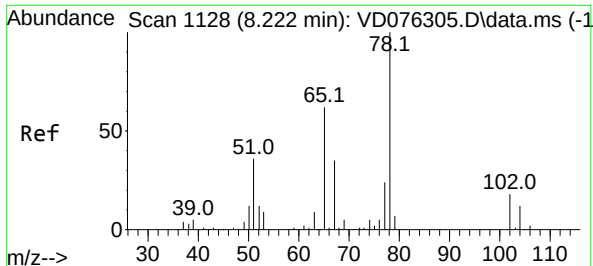
Tgt Ion:168 Resp: 108154
Ion Ratio Lower Upper
168 100
99 46.4 36.7 55.1



#16
Acetone
Concen: 63.084 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076315.D
Acq: 02 Jun 2023 15:59

Tgt Ion: 43 Resp: 12613
Ion Ratio Lower Upper
43 100
58 35.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 70.011 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VD076315.D

Acq: 02 Jun 2023 15:59

Instrument :

MSVOA_D

ClientSampleId :

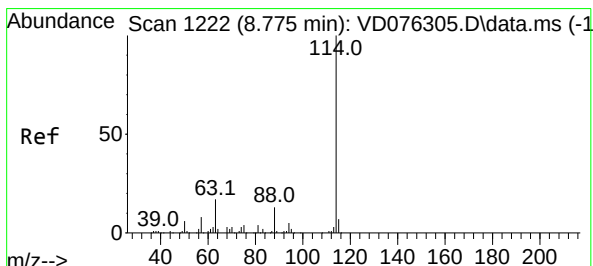
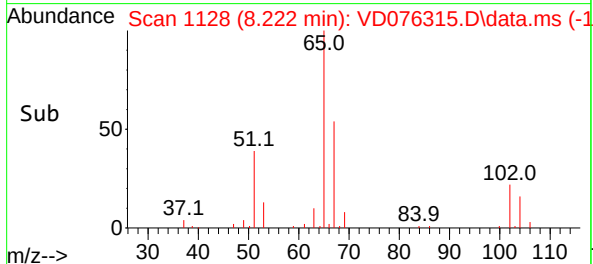
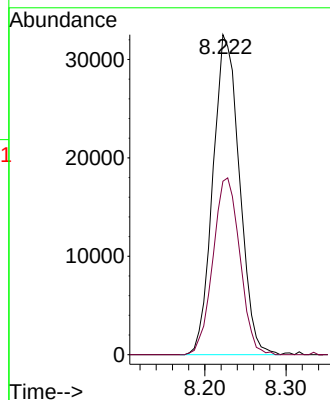
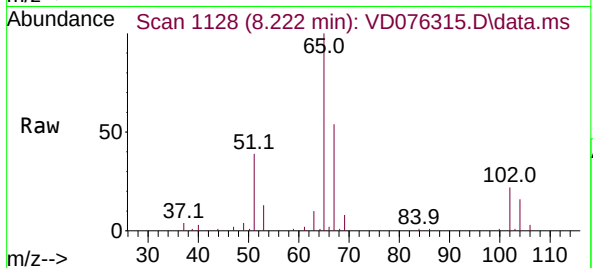
TP16-0A

Tgt Ion: 65 Resp: 73793

Ion Ratio Lower Upper

65 100

67 56.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076315.D

Acq: 02 Jun 2023 15:59

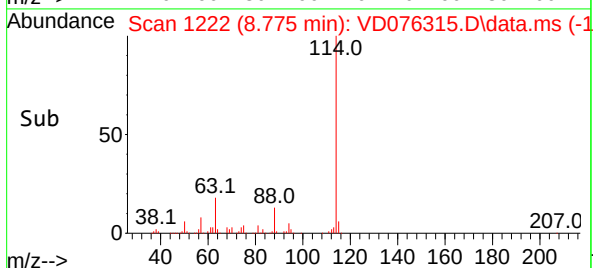
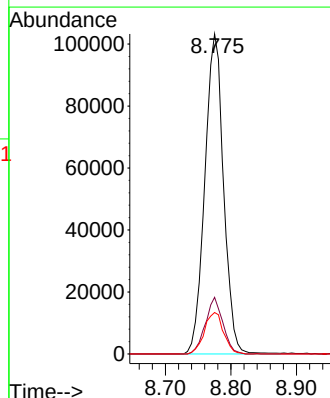
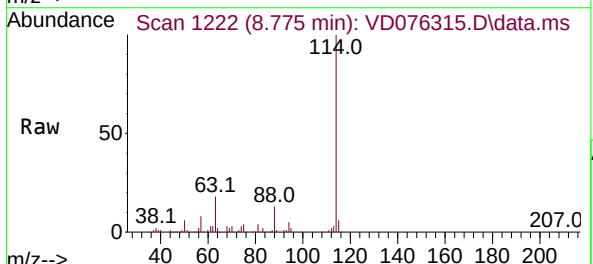
Tgt Ion:114 Resp: 205402

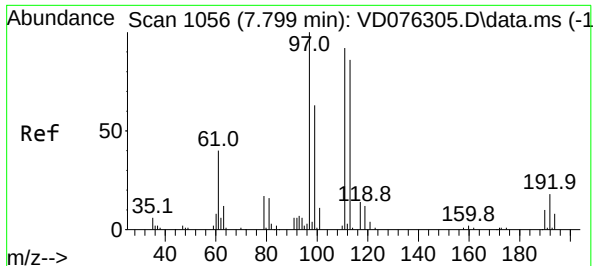
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 12.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 60.555 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD076315.D

Acq: 02 Jun 2023 15:59

Instrument :

MSVOA_D

ClientSampleId :

TP16-0A

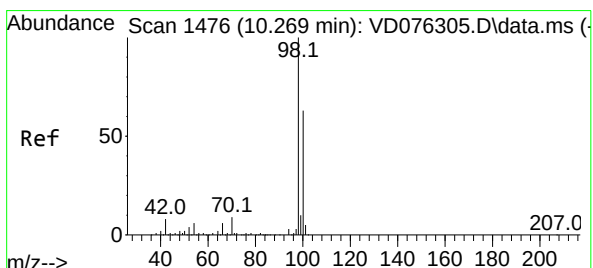
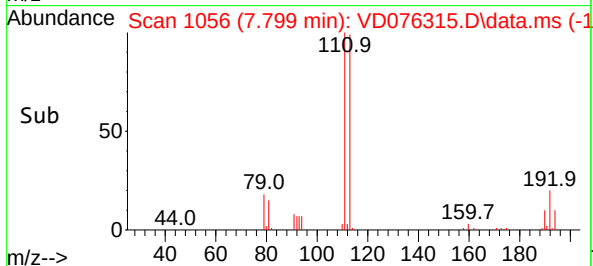
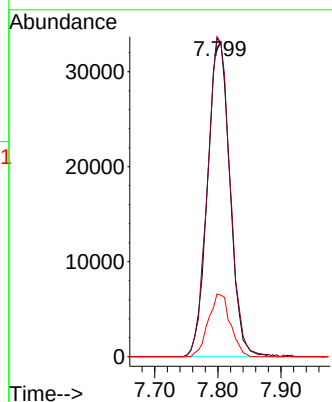
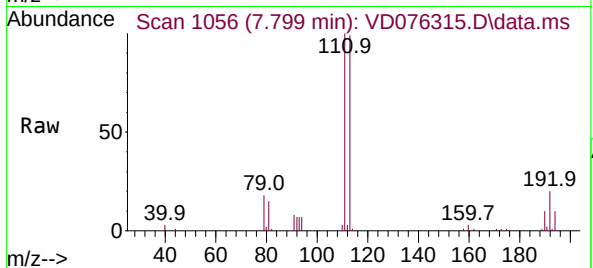
Tgt Ion:113 Resp: 82105

Ion Ratio Lower Upper

113 100

111 101.6 84.7 127.1

192 19.4 16.8 25.2



#50

Toluene-d8

Concen: 44.520 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076315.D

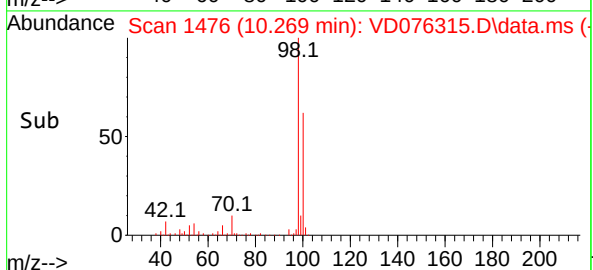
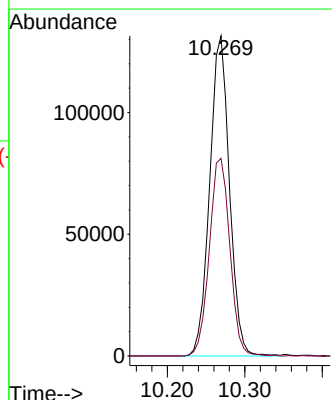
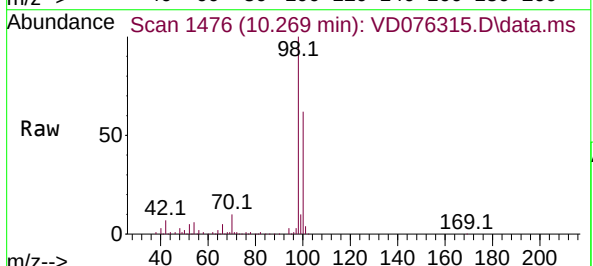
Acq: 02 Jun 2023 15:59

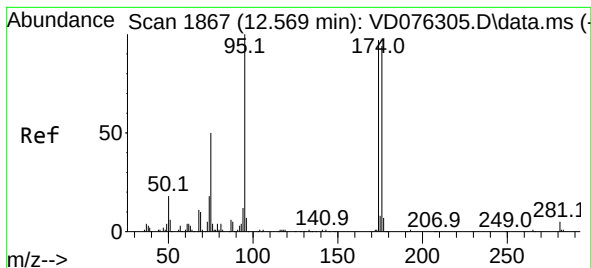
Tgt Ion: 98 Resp: 232742

Ion Ratio Lower Upper

98 100

100 64.1 50.3 75.5

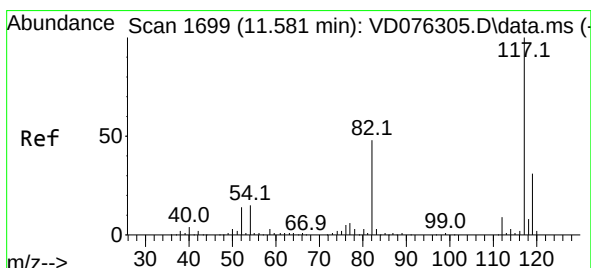
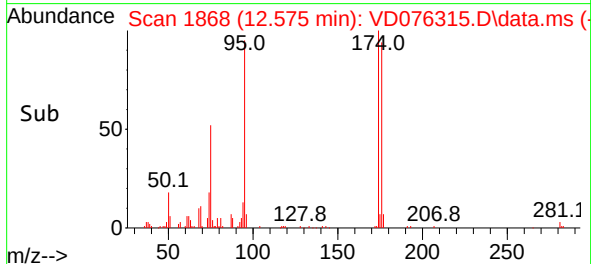
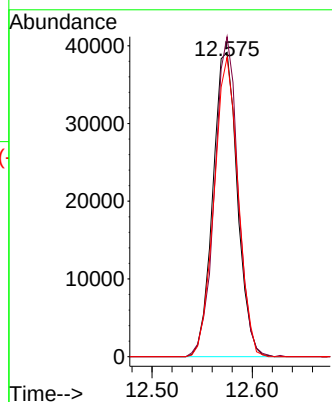
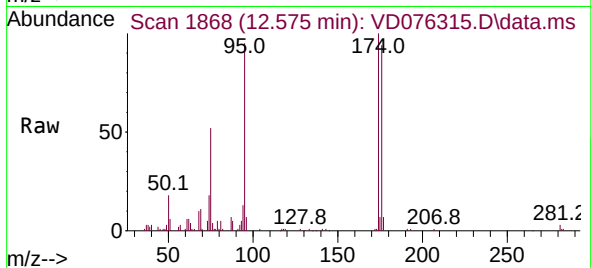




#62
4-Bromofluorobenzene
Concen: 45.461 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD076315.D
Acq: 02 Jun 2023 15:59

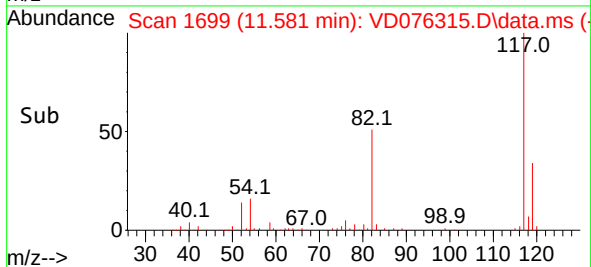
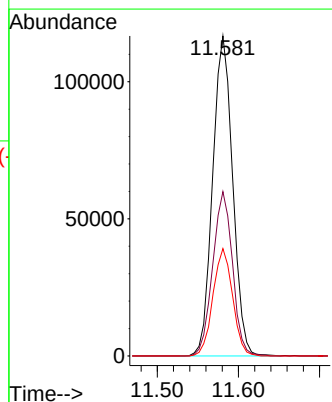
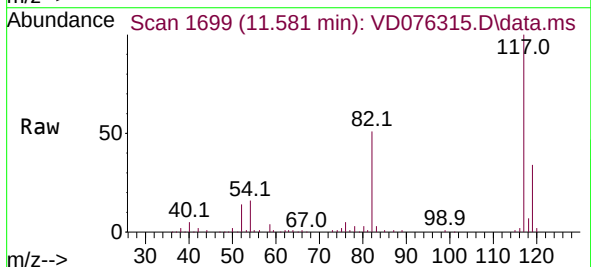
Instrument :
MSVOA_D
ClientSampleId :
TP16-0A

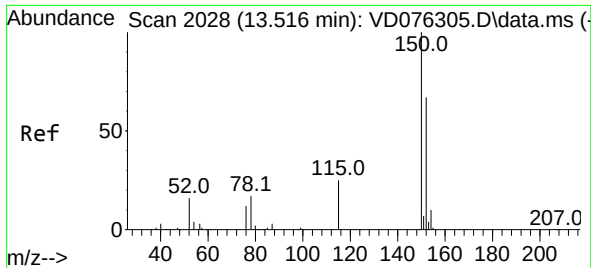
Tgt Ion: 95	Resp: 66288
Ion Ratio	Lower Upper
95 100	
174 100.5	0.0 201.8
176 96.5	0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076315.D
Acq: 02 Jun 2023 15:59

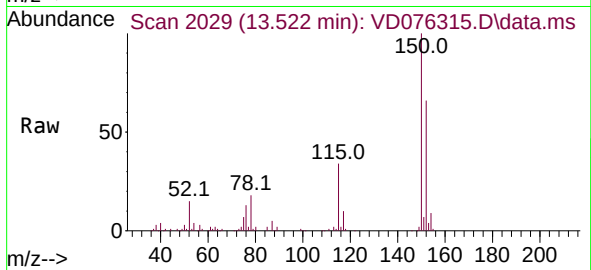
Tgt Ion: 117	Resp: 200074
Ion Ratio	Lower Upper
117 100	
82 51.4	38.3 57.5
119 33.5	25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD076315.D
 Acq: 02 Jun 2023 15:59

Instrument :
 MSVOA_D
 ClientSampleId :
 TP16-0A



Tgt Ion:152 Resp: 90036
 Ion Ratio Lower Upper
 152 100
 115 53.4 27.1 81.3
 150 158.4 0.0 353.6

