

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073707.D
 Acq On : 25 Jun 2022 14:02
 Operator : VA/SY
 Sample : N3502-07
 Misc : 3.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D-44-UC

Quant Time: Jun 27 09:37:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

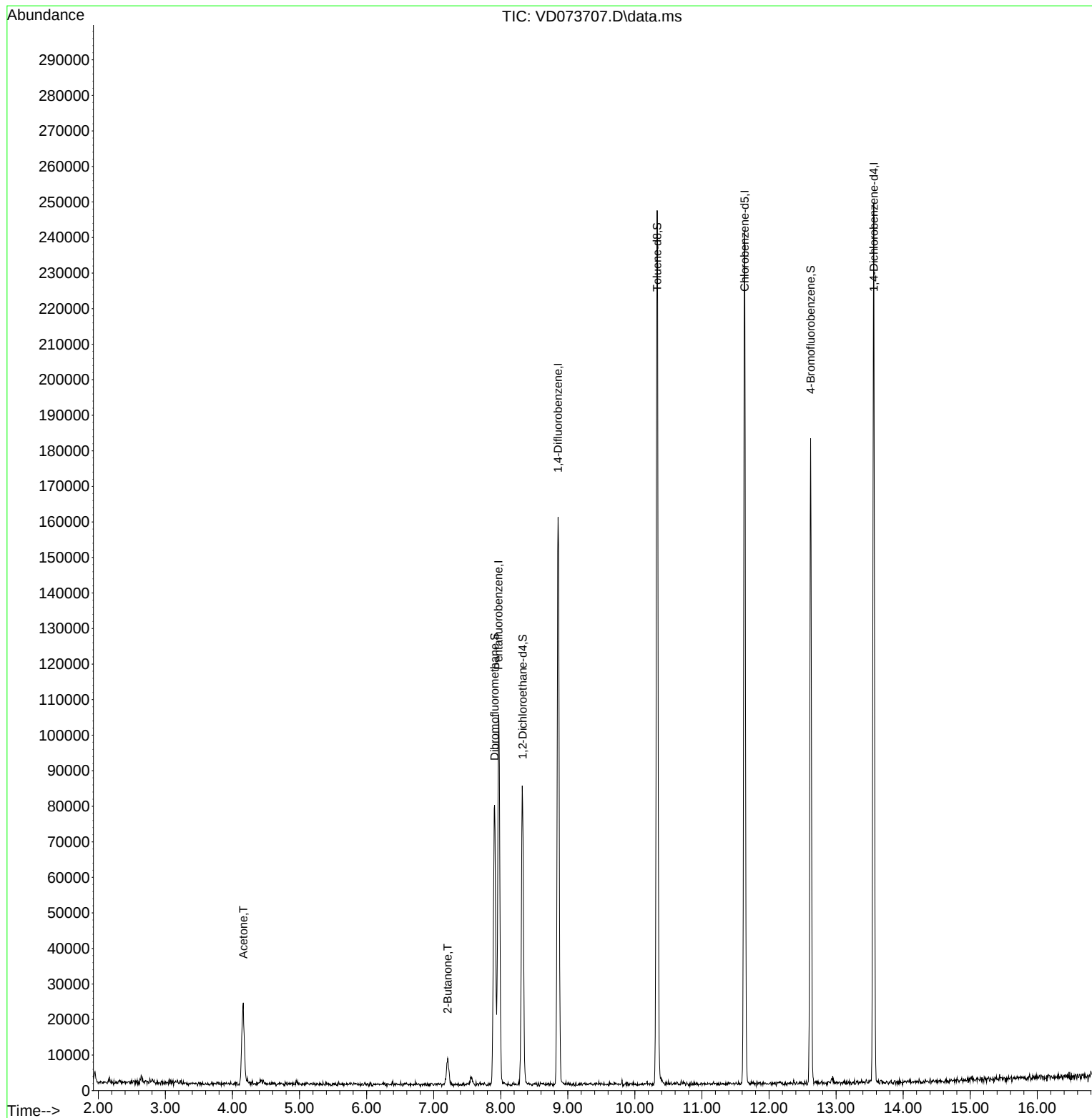
Internal Standards						
1) Pentafluorobenzene	7.967	168	73002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	138555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	144347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	66695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	68573	76.479	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.960%
35) Dibromofluoromethane	7.908	113	58343	54.054	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.100%
50) Toluene-d8	10.332	98	170884	44.094	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.180%
62) 4-Bromofluorobenzene	12.620	95	58813	40.462	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.920%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	37952	263.472	ug/l	97
25) 2-Butanone	7.208	43	10798	47.788	ug/l #	88

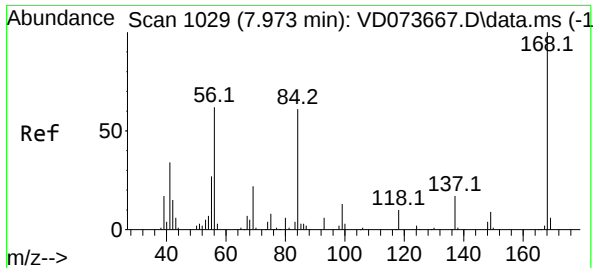
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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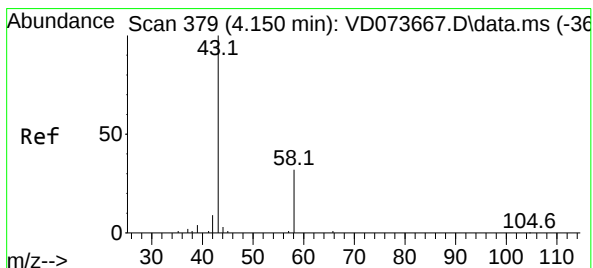
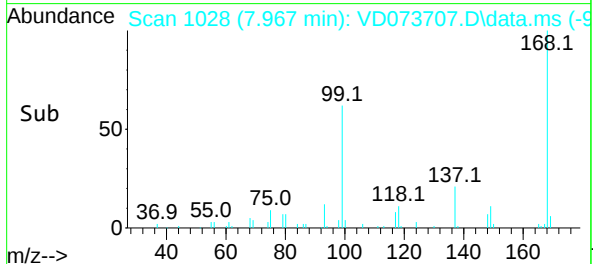
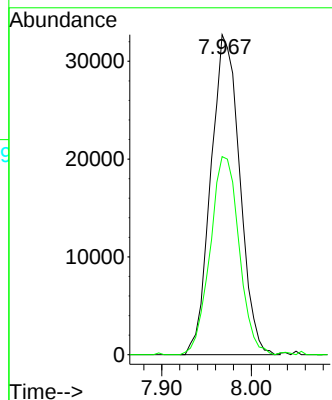
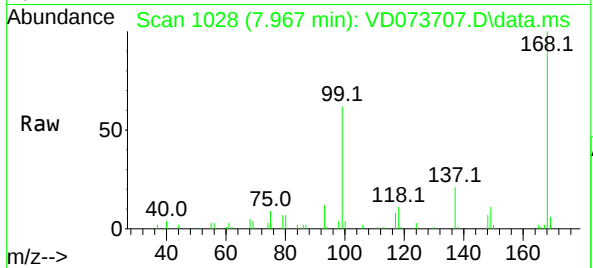




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073707.D
Acq: 25 Jun 2022 14:02

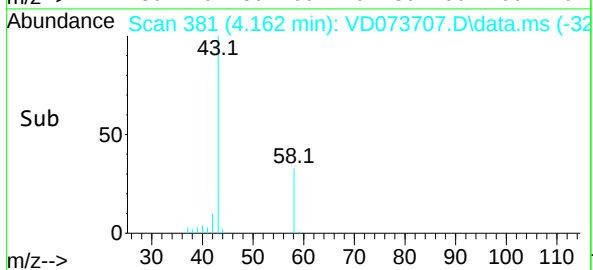
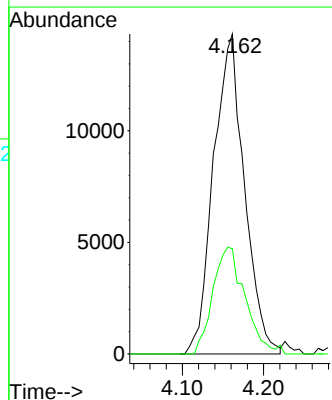
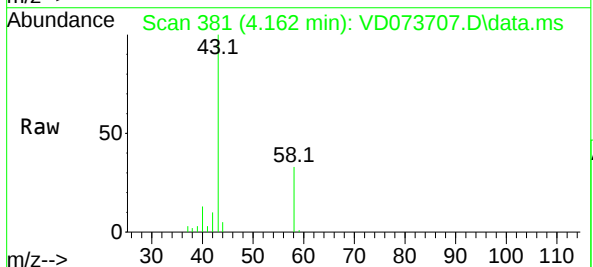
Instrument :
MSVOA_D
ClientSampleId :
D-44-UC

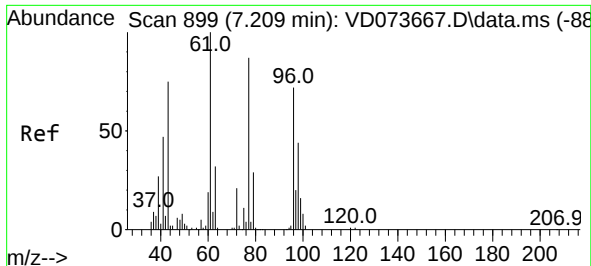
Tgt Ion:168 Resp: 73002
Ion Ratio Lower Upper
168 100
99 61.9 46.4 69.6



#16
Acetone
Concen: 263.472 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD073707.D
Acq: 25 Jun 2022 14:02

Tgt Ion: 43 Resp: 37952
Ion Ratio Lower Upper
43 100
58 32.9 25.2 37.8

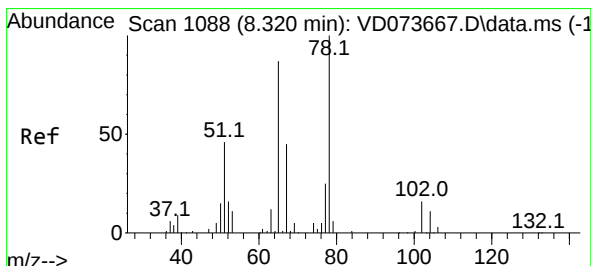
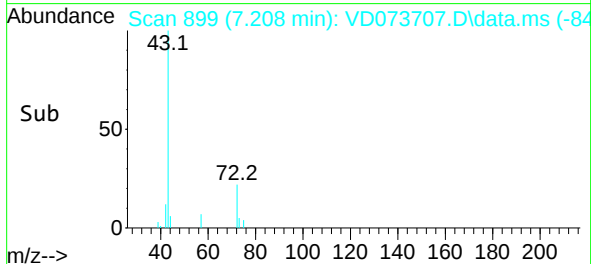
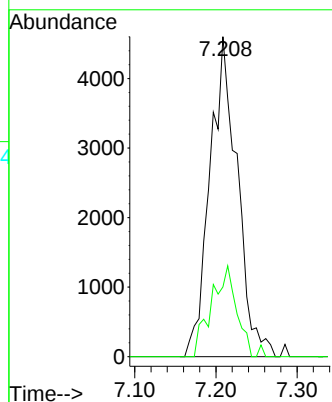
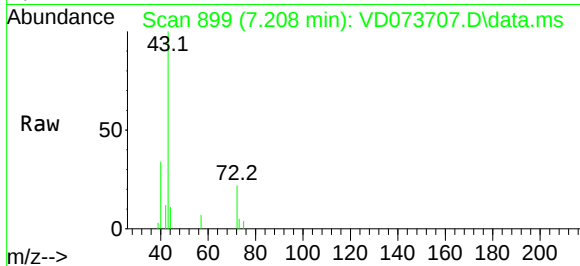




#25
2-Butanone
Concen: 47.788 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD073707.D
Acq: 25 Jun 2022 14:02

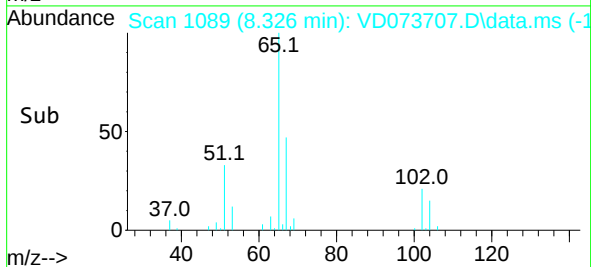
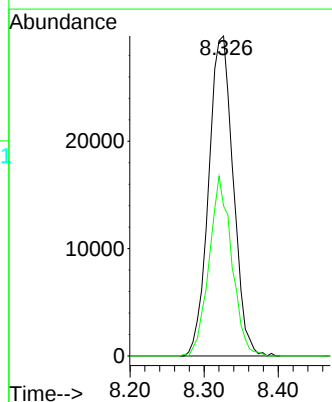
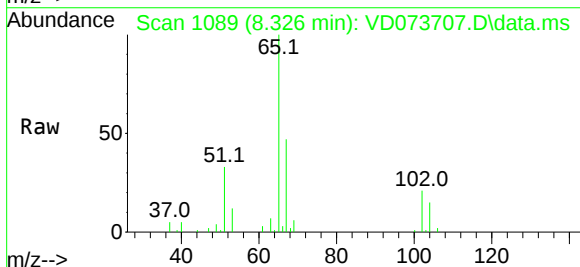
Instrument :
MSVOA_D
ClientSampleId :
D-44-UC

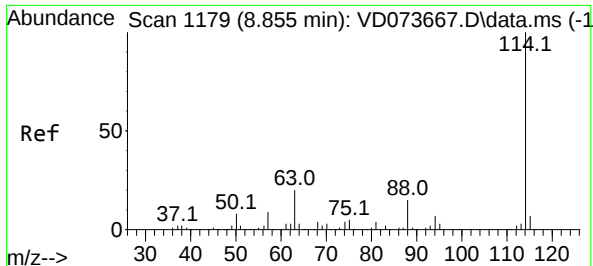
Tgt Ion: 43 Resp: 10798
Ion Ratio Lower Upper
43 100
72 21.8 22.6 33.8#



#33
1,2-Dichloroethane-d4
Concen: 76.479 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073707.D
Acq: 25 Jun 2022 14:02

Tgt Ion: 65 Resp: 68573
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073707.D

Acq: 25 Jun 2022 14:02

Instrument :

MSVOA_D

ClientSampleId :

D-44-UC

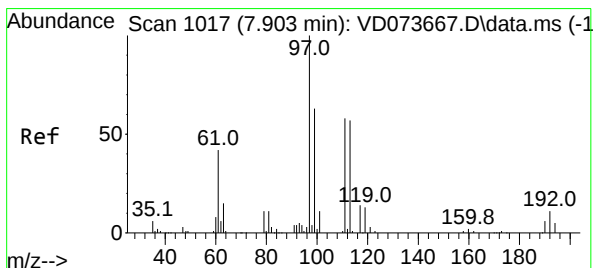
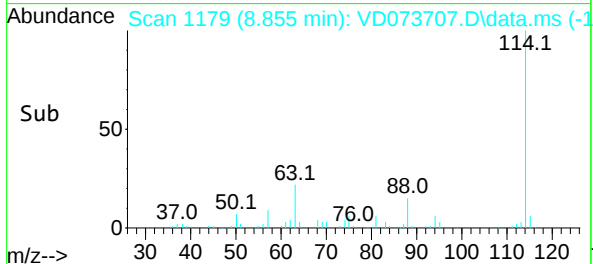
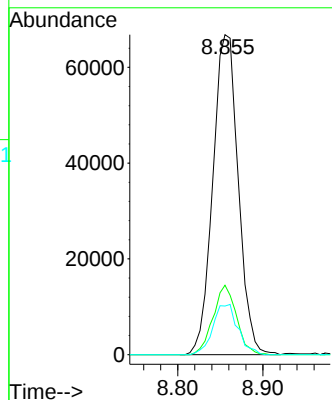
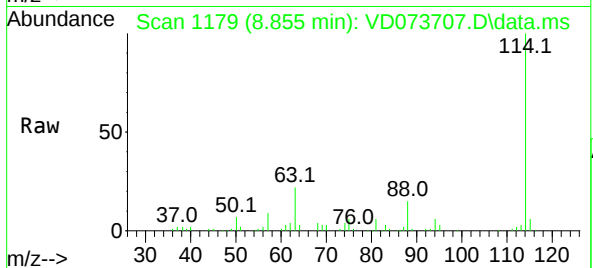
Tgt Ion:114 Resp: 138555

Ion Ratio Lower Upper

114 100

63 21.7 0.0 39.2

88 15.2 0.0 29.4



#35

Dibromofluoromethane

Concen: 54.054 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD073707.D

Acq: 25 Jun 2022 14:02

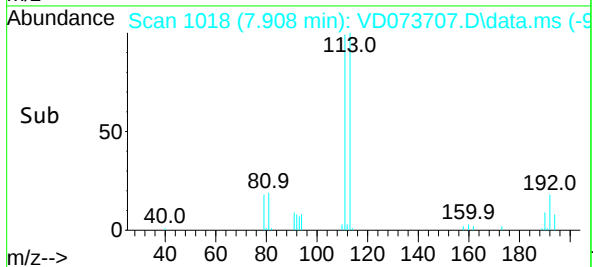
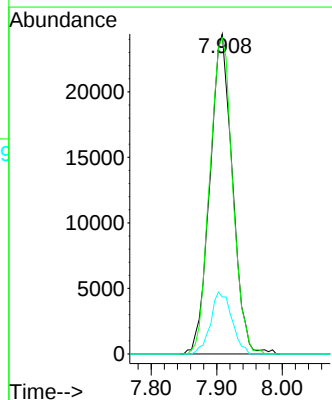
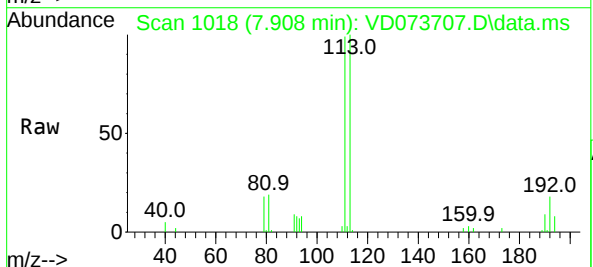
Tgt Ion:113 Resp: 58343

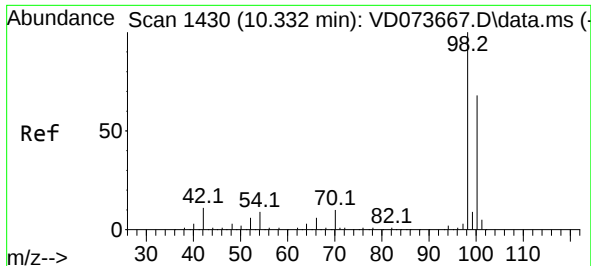
Ion Ratio Lower Upper

113 100

111 99.9 81.8 122.6

192 18.3 14.8 22.2

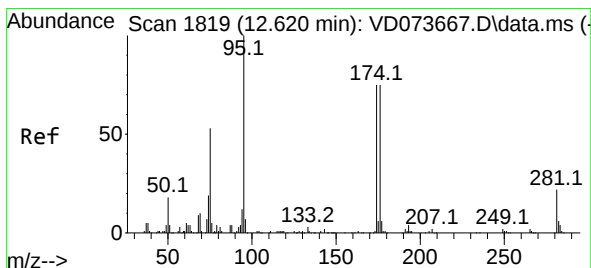
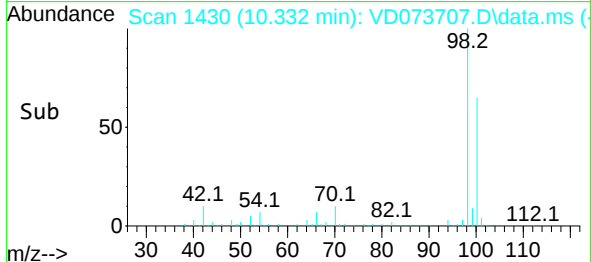
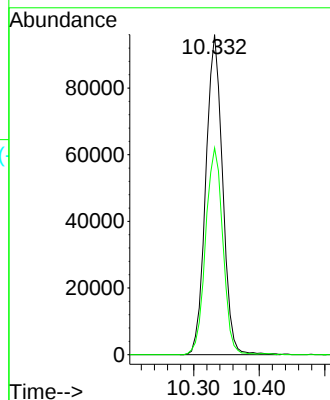
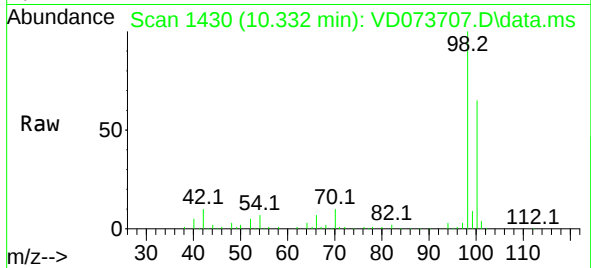




#50
Toluene-d8
Concen: 44.094 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073707.D
Acq: 25 Jun 2022 14:02

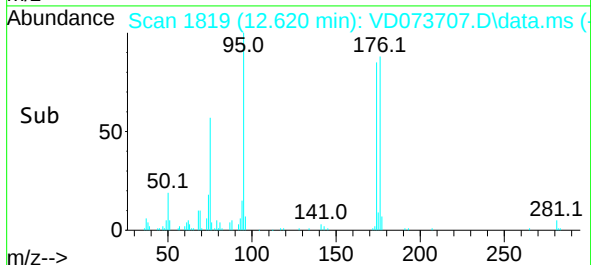
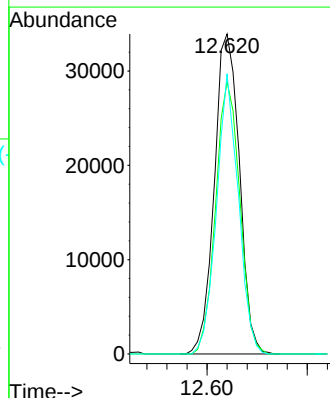
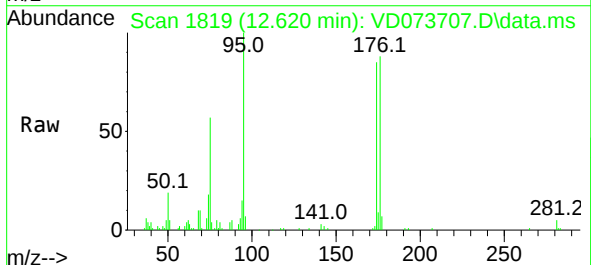
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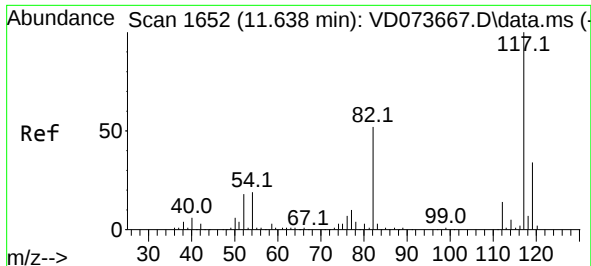
Tgt Ion: 98 Resp: 170884
Ion Ratio Lower Upper
98 100
100 66.4 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 40.462 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073707.D
Acq: 25 Jun 2022 14:02

Tgt Ion: 95 Resp: 58813
Ion Ratio Lower Upper
95 100
174 81.9 0.0 158.4
176 76.2 0.0 154.8

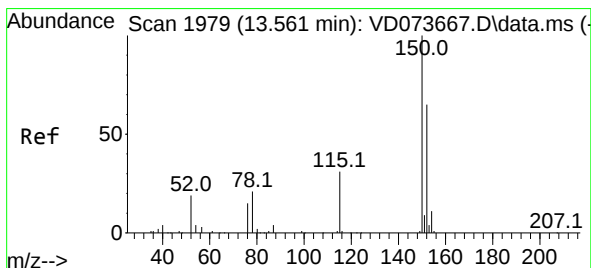
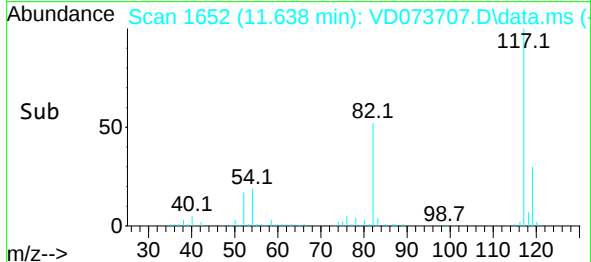
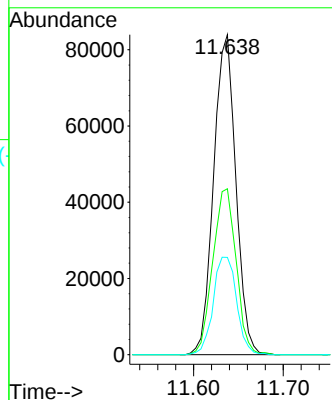
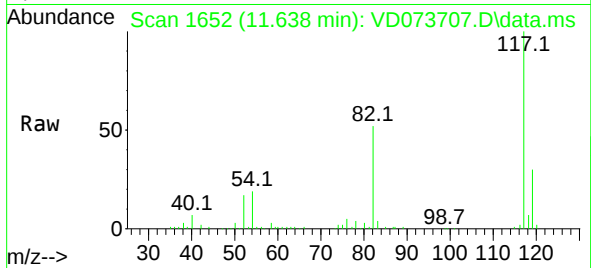




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073707.D
Acq: 25 Jun 2022 14:02

Instrument :
MSVOA_D
ClientSampleId :
D-44-UC

Tgt Ion:117 Resp: 144347
Ion Ratio Lower Upper
117 100
82 51.8 41.5 62.3
119 30.4 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073707.D
Acq: 25 Jun 2022 14:02

Tgt Ion:152 Resp: 66695
Ion Ratio Lower Upper
152 100
115 59.2 30.6 91.6
150 156.8 0.0 355.0

