

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070122\
 Data File : VD073770.D
 Acq On : 01 Jul 2022 18:08
 Operator : VA/SY
 Sample : N3562-07
 Misc : 5.80G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10A

Quant Time: Jul 05 05:10:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 04:59:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.961	168	3377	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	6621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	5319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	1611	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	2731	82.899	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	165.800%#
35) Dibromofluoromethane	7.908	113	1948	54.159	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.320%
50) Toluene-d8	10.332	98	5764	43.687	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.380%
62) 4-Bromofluorobenzene	12.620	95	2091	40.182	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.360%

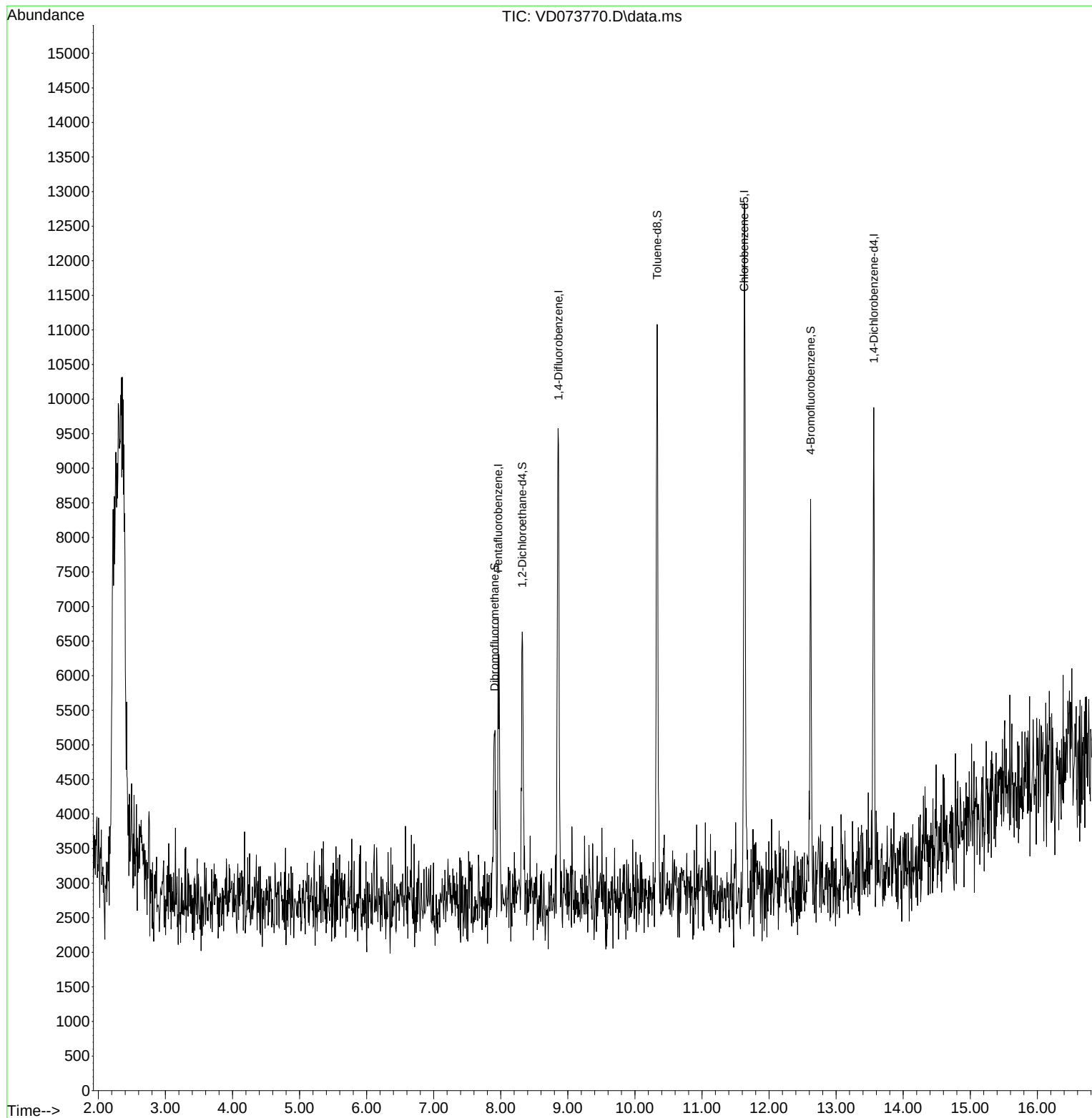
Target Compounds	Qvalue

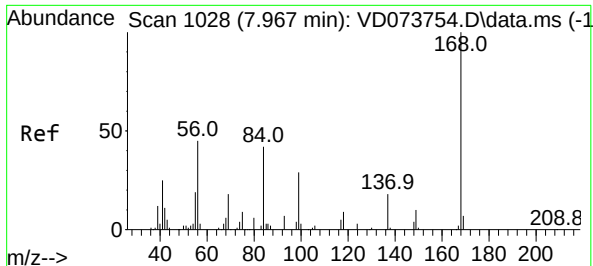
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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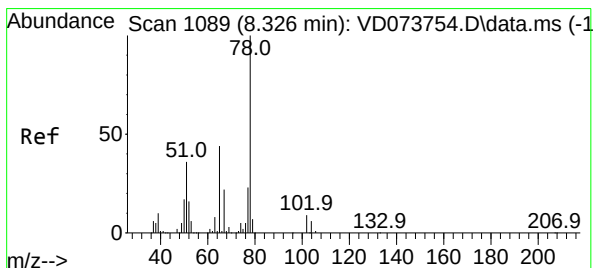
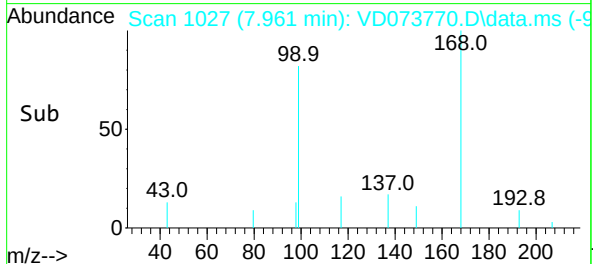
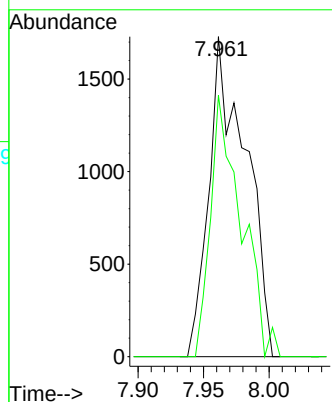
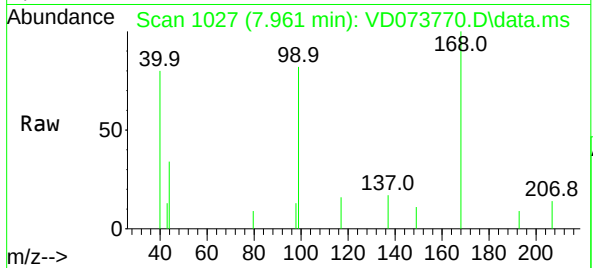




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.006 min
Lab File: VD073770.D
Acq: 01 Jul 2022 18:08

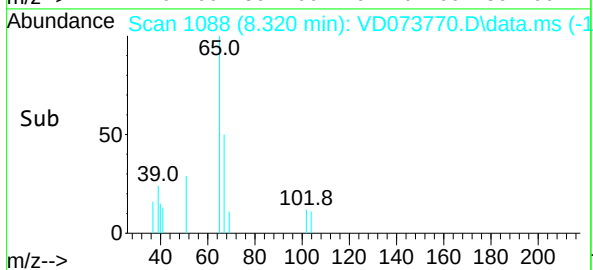
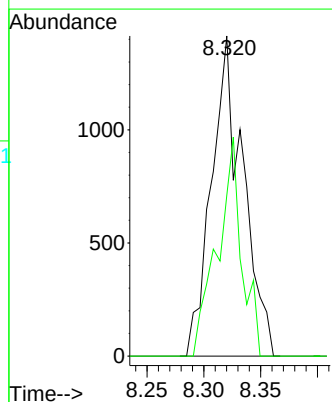
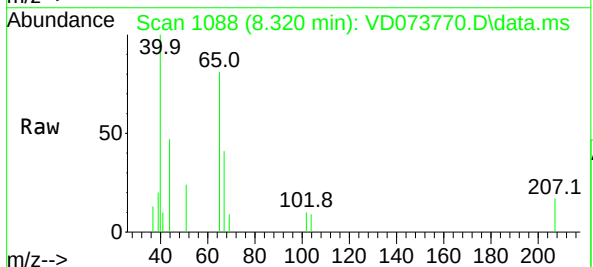
Instrument :
MSVOA_D
ClientSampleId :
SB-10A

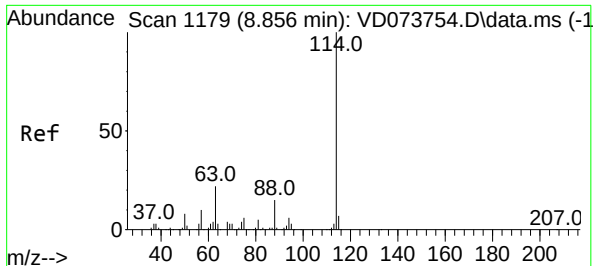
Tgt Ion:168 Resp: 3377
Ion Ratio Lower Upper
168 100
99 81.7 46.4 69.6#



#33
1,2-Dichloroethane-d4
Concen: 82.899 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073770.D
Acq: 01 Jul 2022 18:08

Tgt Ion: 65 Resp: 2731
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073770.D

Acq: 01 Jul 2022 18:08

Instrument :

MSVOA_D

ClientSampleId :

SB-10A

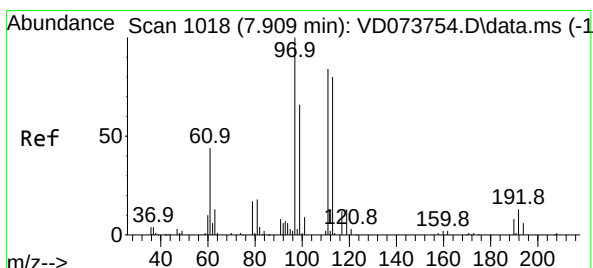
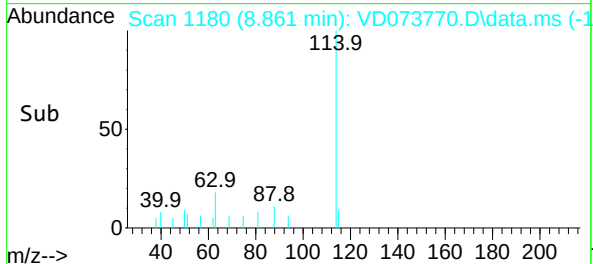
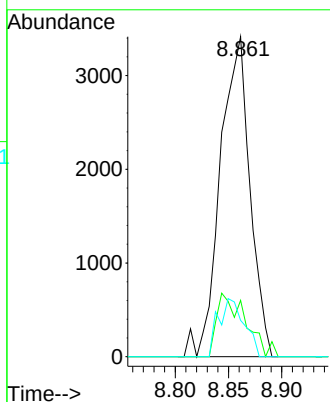
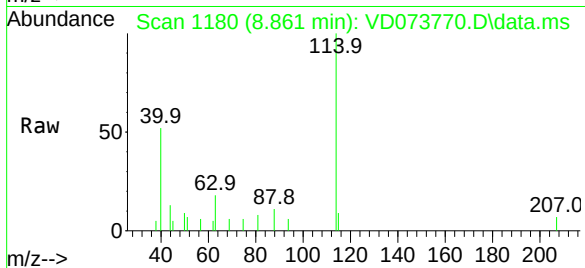
Tgt Ion:114 Resp: 6621

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.2

88 11.4 0.0 29.4



#35

Dibromofluoromethane

Concen: 54.159 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073770.D

Acq: 01 Jul 2022 18:08

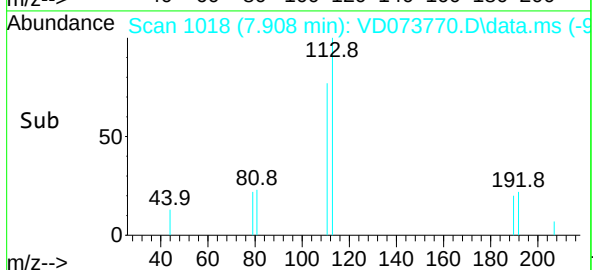
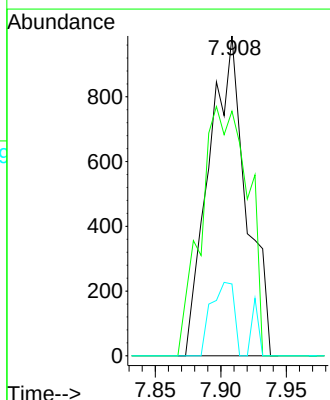
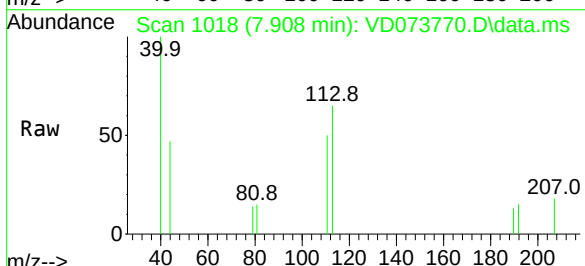
Tgt Ion:113 Resp: 1948

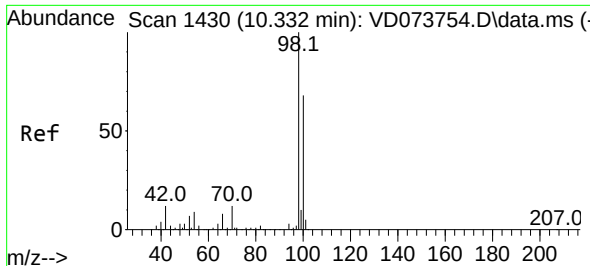
Ion Ratio Lower Upper

113 100

111 98.6 81.8 122.6

192 14.1 14.8 22.2#

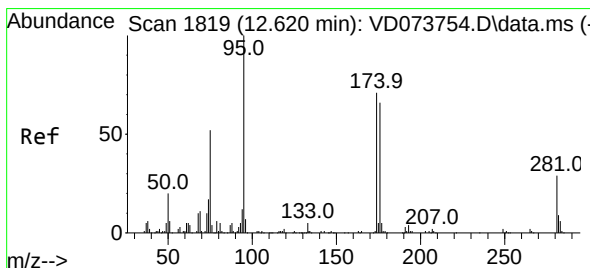
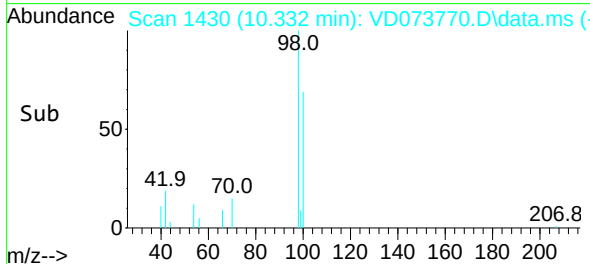
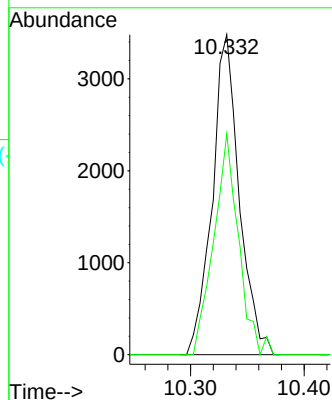
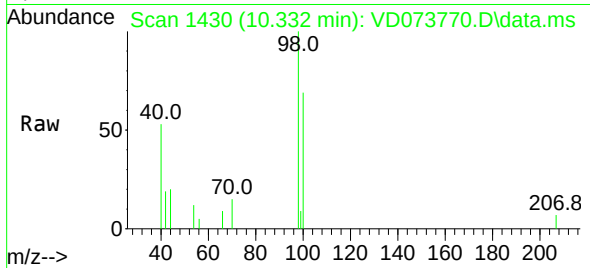




#50
Toluene-d8
Concen: 43.687 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073770.D
Acq: 01 Jul 2022 18:08

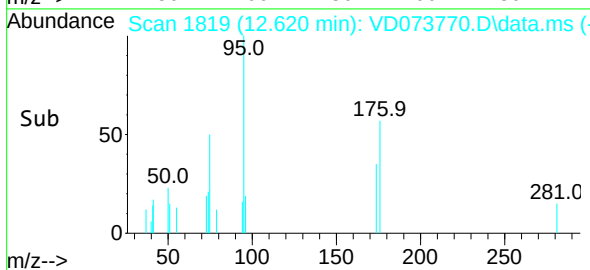
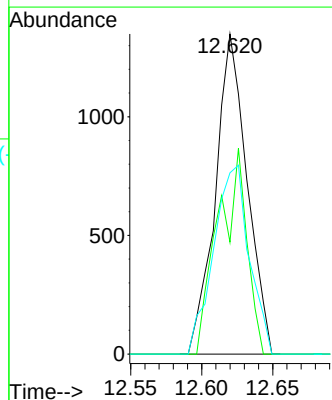
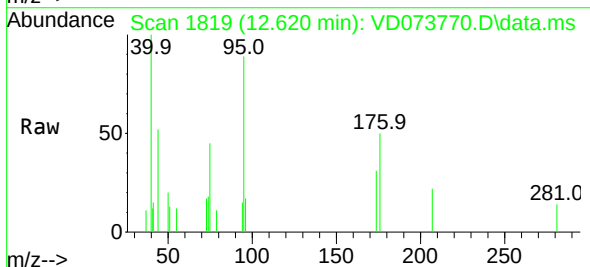
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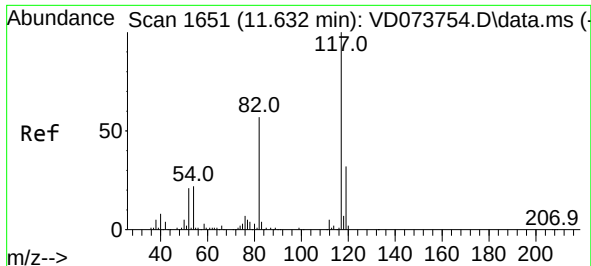
Tgt Ion: 98 Resp: 5764
Ion Ratio Lower Upper
98 100
100 63.3 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 40.182 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073770.D
Acq: 01 Jul 2022 18:08

Tgt Ion: 95 Resp: 2091
Ion Ratio Lower Upper
95 100
174 58.0 0.0 158.4
176 66.3 0.0 154.8

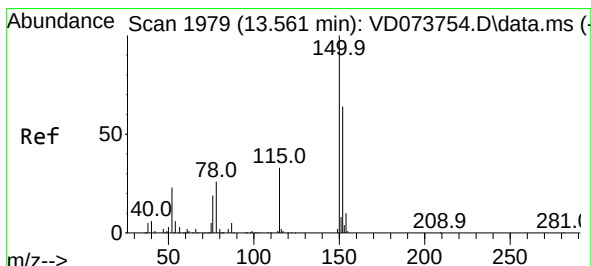
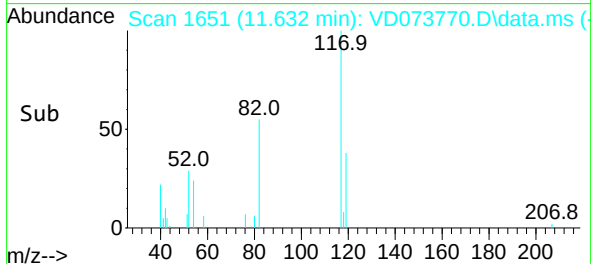
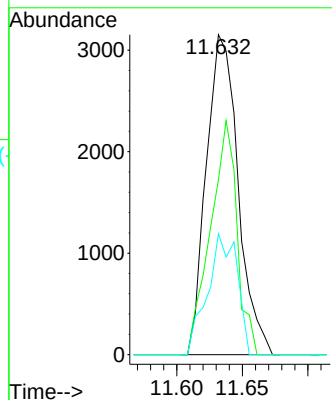
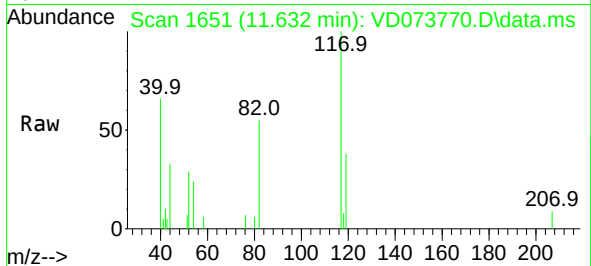




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VD073770.D
Acq: 01 Jul 2022 18:08

Instrument :
MSVOA_D
ClientSampleId :
SB-10A

Tgt Ion:117	Resp:	5319
Ion	Ratio	Lower Upper
117	100	
82	54.6	41.5 62.3
119	37.8	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: VD073770.D
Acq: 01 Jul 2022 18:08

Tgt Ion:152	Resp:	1611
Ion	Ratio	Lower Upper
152	100	
115	73.3	30.6 91.6
150	157.6	0.0 355.0

