

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071922\
 Data File : VD073863.D
 Acq On : 19 Jul 2022 16:10
 Operator : VA/SY
 Sample : N3649-07
 Misc : 7.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A-2-LC

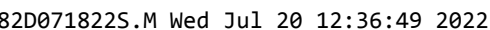
Quant Time: Jul 20 01:22:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:56:16 2022
 Response via : Initial Calibration

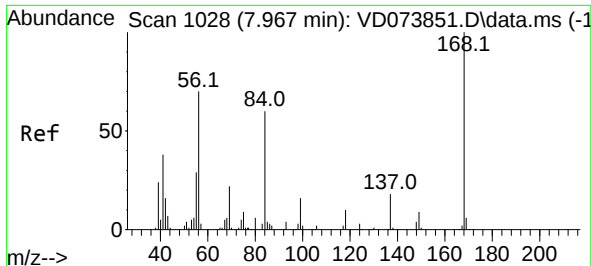
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.926	168	132238	50.000	ug/l	-0.04
34) 1,4-Difluorobenzene	8.838	114	236633	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.644	117	186090	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.567	152	74799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.303	65	62299	39.453	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.900%
35) Dibromofluoromethane	7.914	113	68783	41.202	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.400%
50) Toluene-d8	10.320	98	273575	45.142	ug/l	-0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.280%
62) 4-Bromofluorobenzene	12.632	95	88892	42.662	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.320%
Target Compounds						
					Qvalue	
3) Chloromethane	2.191	50	66200	31.696	ug/l	98
5) Bromomethane	2.691	94	18905	9.177	ug/l	93
52) Toluene	10.385	92	4857	1.101	ug/l	88
68) m/p-Xylenes	11.855	106	6740	2.437	ug/l	77
69) o-Xylene	12.167	106	3623	1.399	ug/l	47

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

Quant Time: Jul 20 01:22:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 19 01:56:16 2022
Response via : Initial Calibration

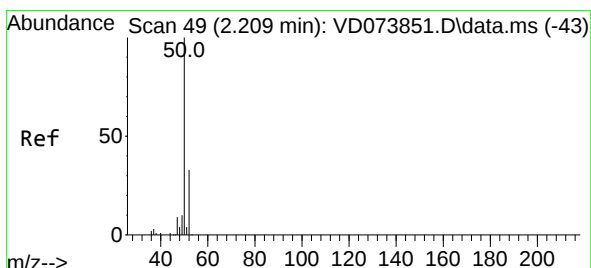
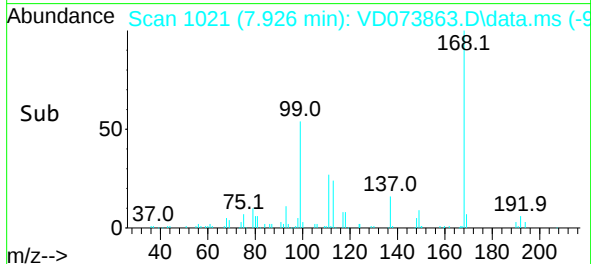
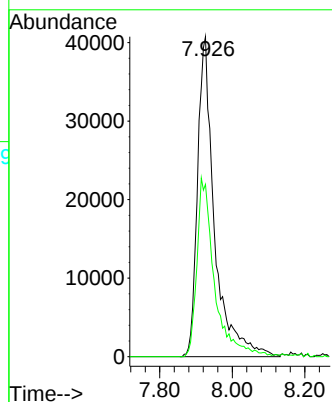
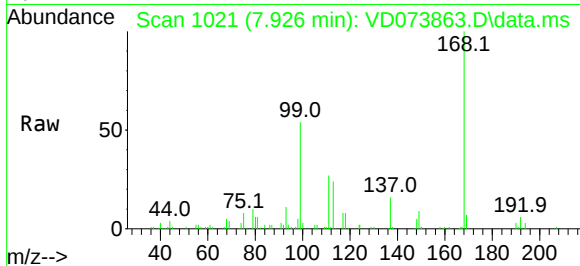




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.926 min Scan# 10
Delta R.T. -0.041 min
Lab File: VD073863.D
Acq: 19 Jul 2022 16:10

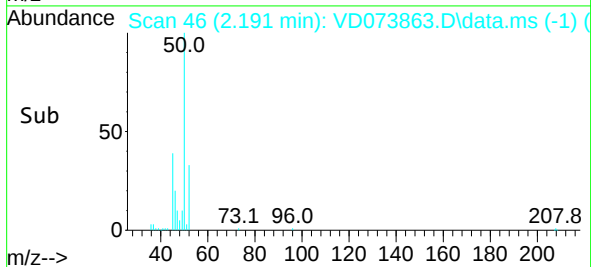
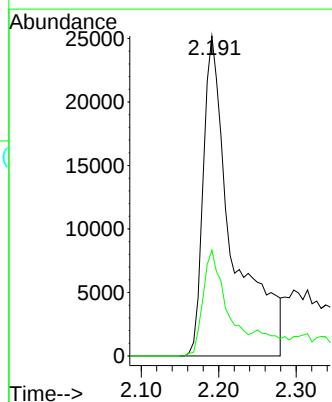
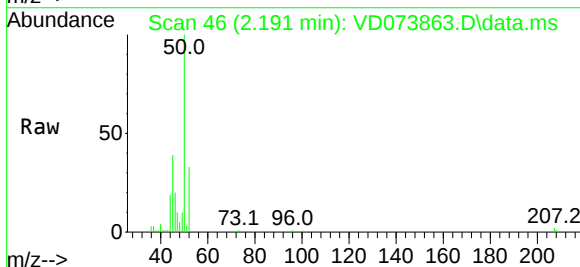
Instrument :
MSVOA_D
ClientSampleId :
A-2-LC

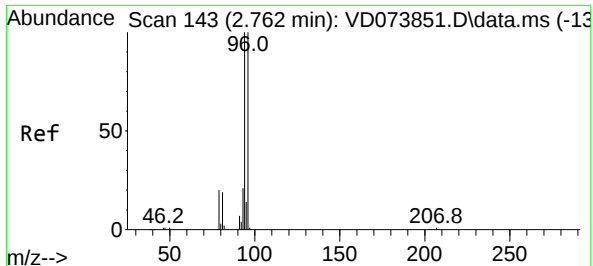
Tgt Ion:168 Resp: 132238
Ion Ratio Lower Upper
168 100
99 53.9 49.8 74.6



#3
Chloromethane
Concen: 31.696 ug/l
RT: 2.191 min Scan# 46
Delta R.T. -0.018 min
Lab File: VD073863.D
Acq: 19 Jul 2022 16:10

Tgt Ion: 50 Resp: 66200
Ion Ratio Lower Upper
50 100
52 33.1 27.4 41.0

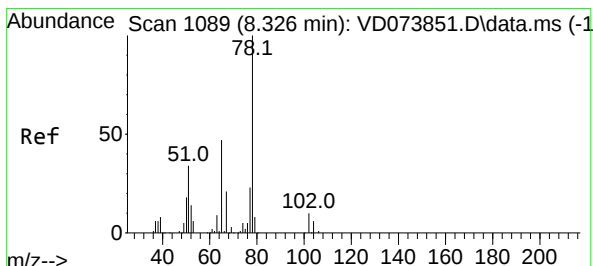
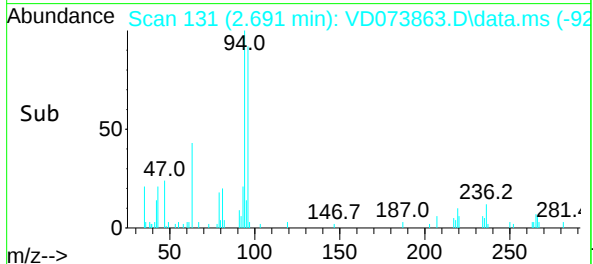
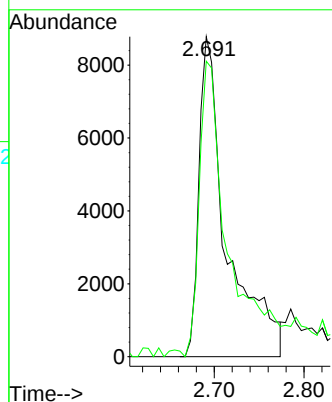
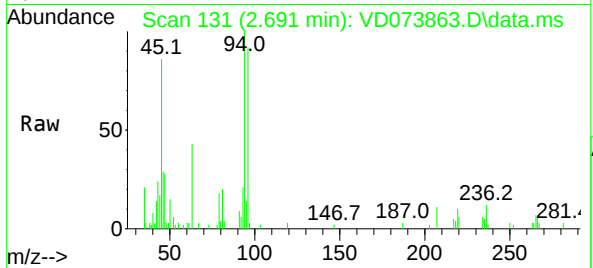




#5
Bromomethane
Concen: 9.177 ug/l
RT: 2.691 min Scan# 11
Delta R.T. -0.071 min
Lab File: VD073863.D
Acq: 19 Jul 2022 16:10

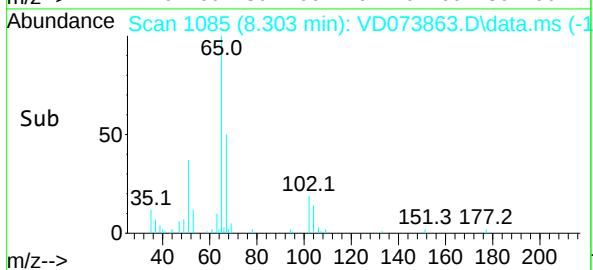
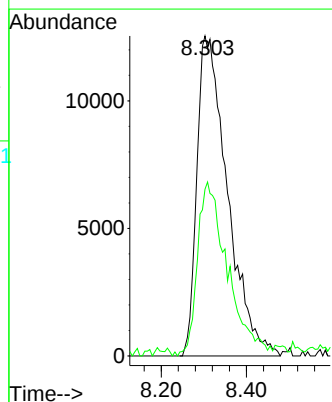
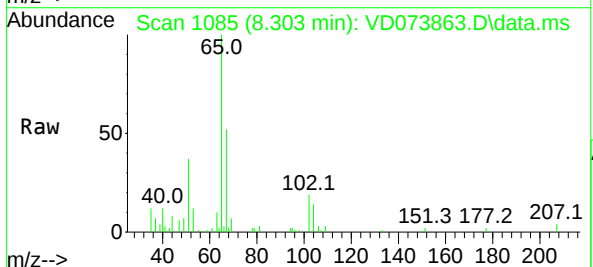
Instrument :
MSVOA_D
ClientSampleId :
A-2-LC

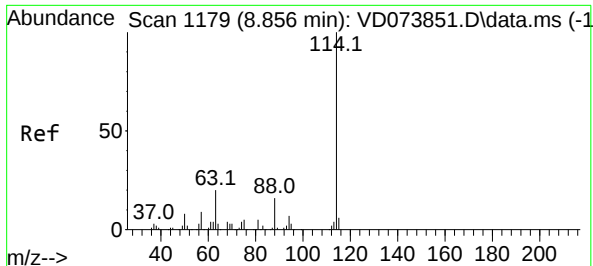
Tgt Ion: 94 Resp: 18905
Ion Ratio Lower Upper
94 100
96 90.6 77.6 116.4



#33
1,2-Dichloroethane-d4
Concen: 39.453 ug/l
RT: 8.303 min Scan# 1085
Delta R.T. -0.024 min
Lab File: VD073863.D
Acq: 19 Jul 2022 16:10

Tgt Ion: 65 Resp: 62299
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.838 min Scan# 1179

Delta R.T. -0.018 min

Lab File: VD073863.D

Acq: 19 Jul 2022 16:10

Instrument :

MSVOA_D

ClientSampleId :

A-2-LC

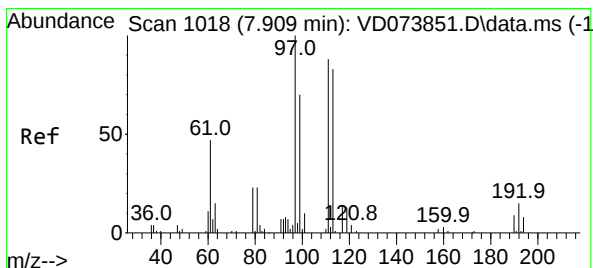
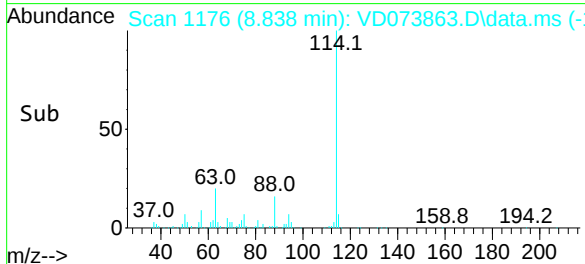
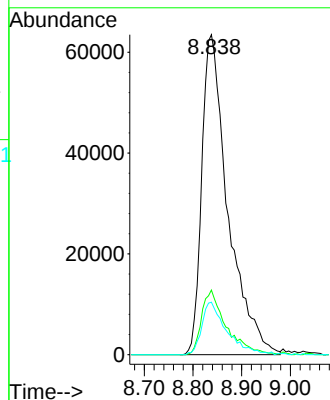
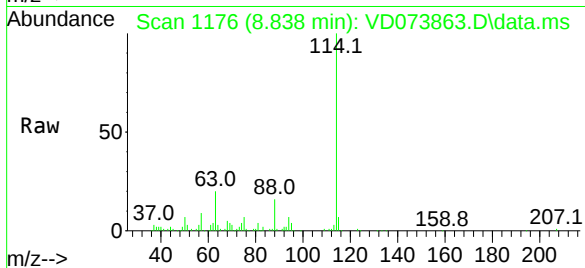
Tgt Ion:114 Resp: 236633

Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 16.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 41.202 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD073863.D

Acq: 19 Jul 2022 16:10

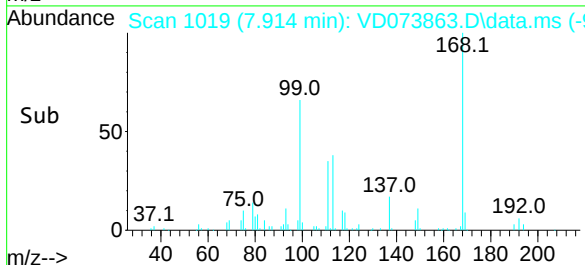
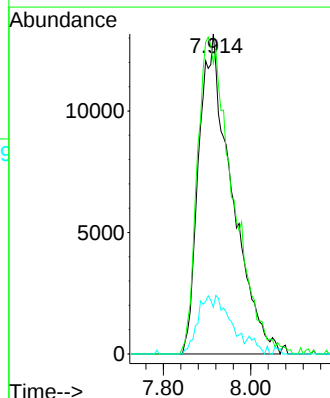
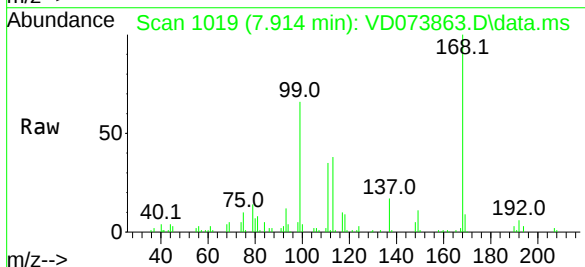
Tgt Ion:113 Resp: 68783

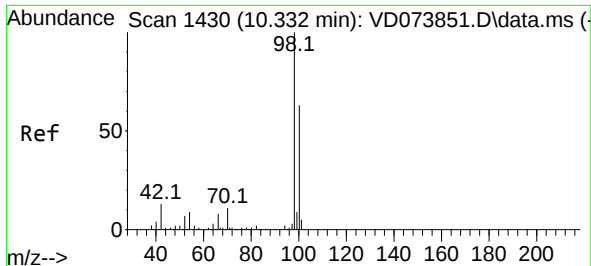
Ion Ratio Lower Upper

113 100

111 106.3 83.8 125.6

192 8.7 14.6 21.8#

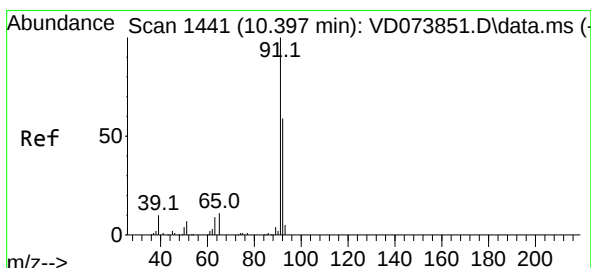
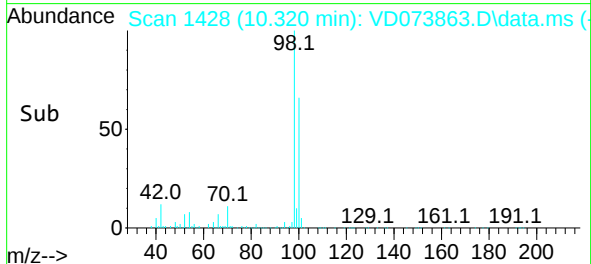
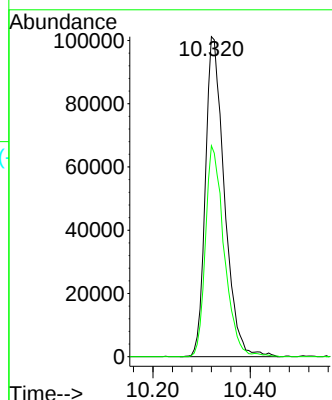
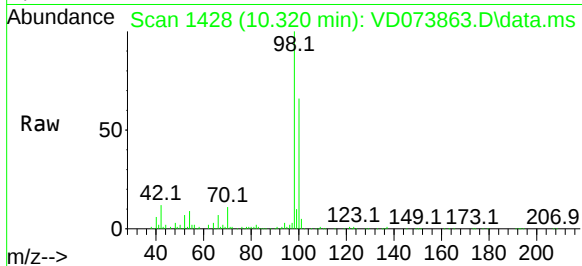




#50
Toluene-d8
Concen: 45.142 ug/l
RT: 10.320 min Scan# 1430
Delta R.T. -0.012 min
Lab File: VD073863.D
Acq: 19 Jul 2022 16:10

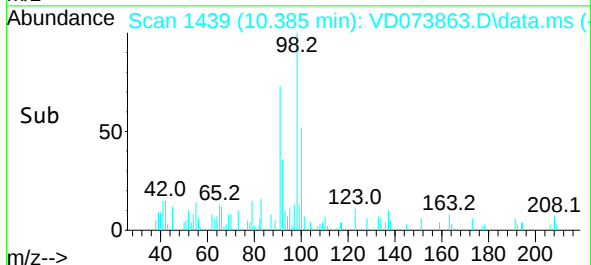
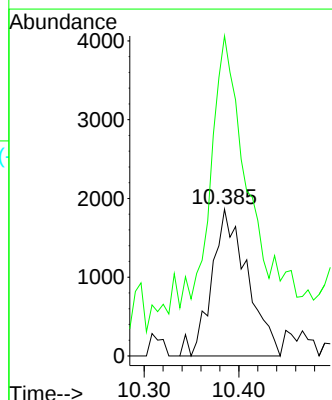
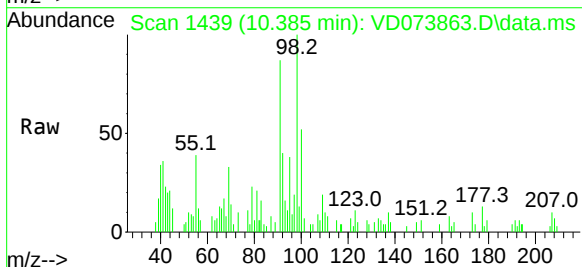
Instrument :
MSVOA_D
ClientSampleId :
A-2-LC

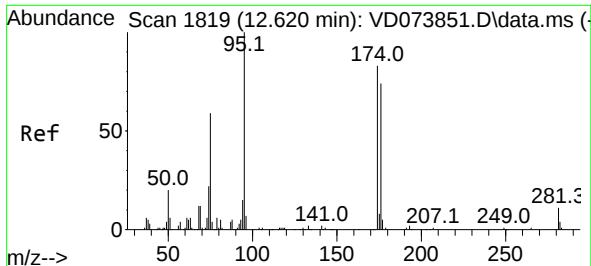
Tgt Ion: 98 Resp: 273575
Ion Ratio Lower Upper
98 100
100 64.4 52.4 78.6



#52
Toluene
Concen: 1.101 ug/l
RT: 10.385 min Scan# 1439
Delta R.T. -0.012 min
Lab File: VD073863.D
Acq: 19 Jul 2022 16:10

Tgt Ion: 92 Resp: 4857
Ion Ratio Lower Upper
92 100
91 157.3 139.6 209.4

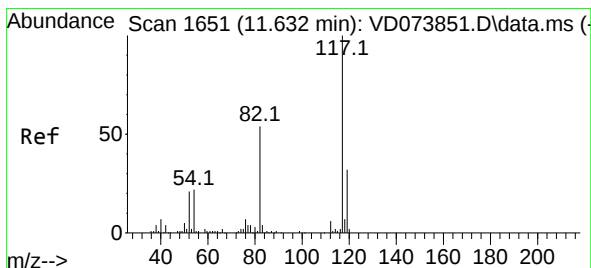
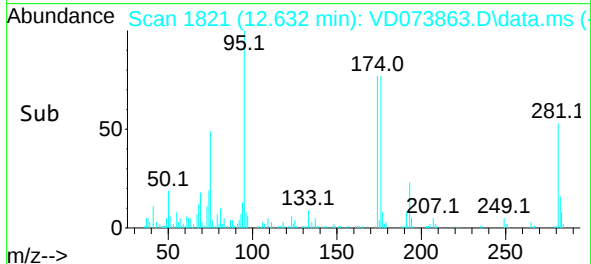
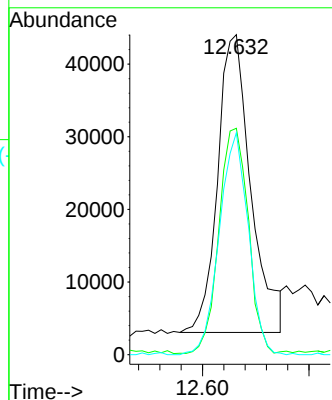
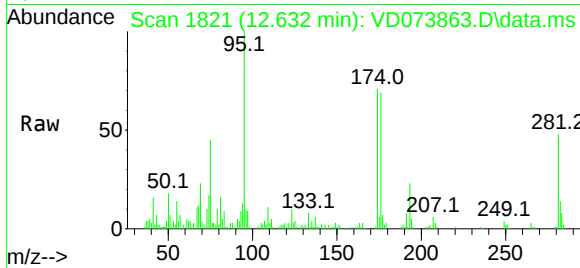




#62
4-Bromofluorobenzene
Concen: 42.662 ug/l
RT: 12.632 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD073863.D
Acq: 19 Jul 2022 16:10

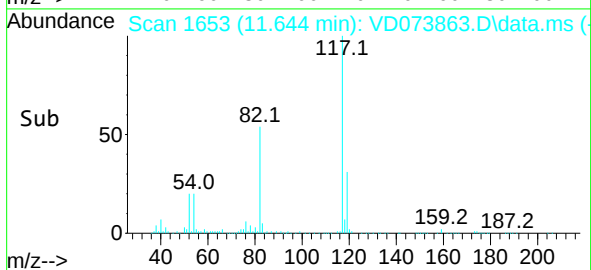
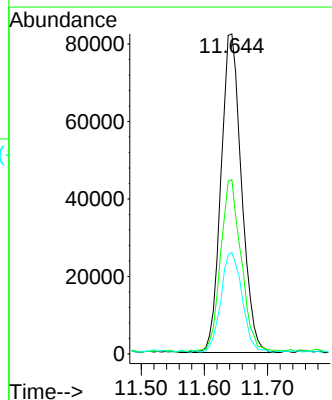
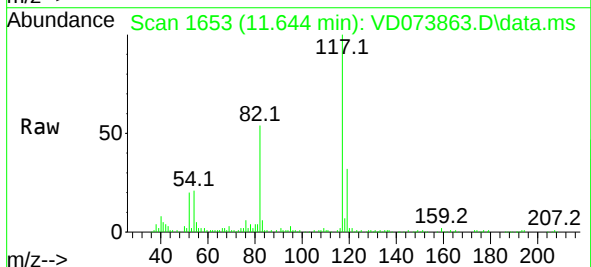
Instrument :
MSVOA_D
ClientSampleId :
A-2-LC

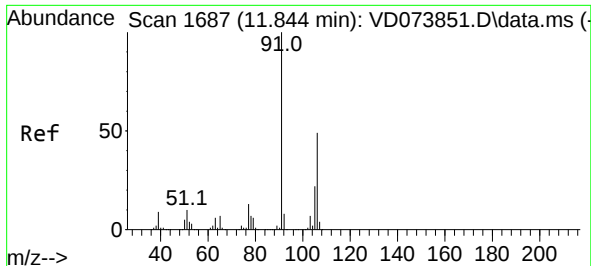
Tgt Ion: 95 Resp: 88892
Ion Ratio Lower Upper
95 100
174 66.5 0.0 152.8
176 64.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.012 min
Lab File: VD073863.D
Acq: 19 Jul 2022 16:10

Tgt Ion: 117 Resp: 186090
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 31.1 26.6 40.0

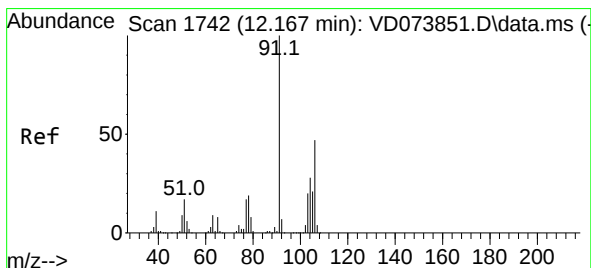
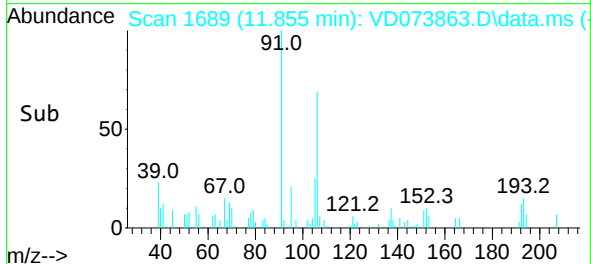
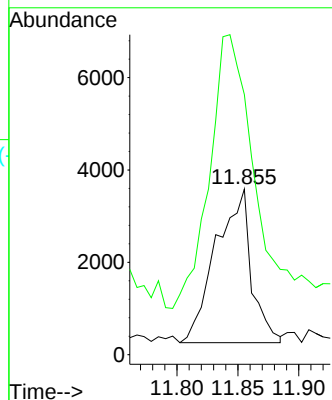
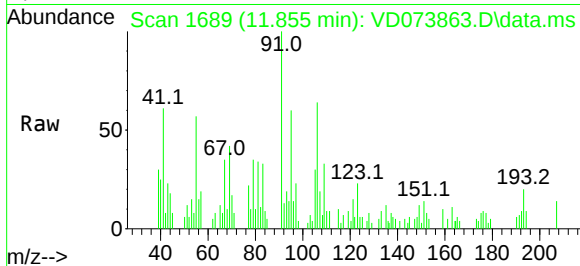




#68
m/p-Xylenes
Concen: 2.437 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.012 min
Lab File: VD073863.D
Acq: 19 Jul 2022 16:10

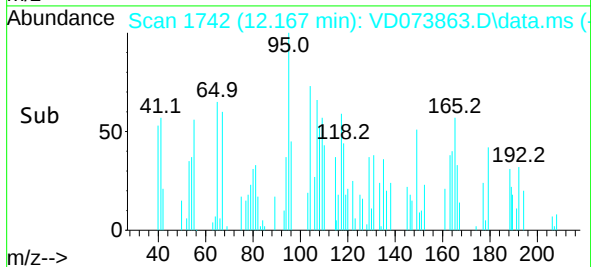
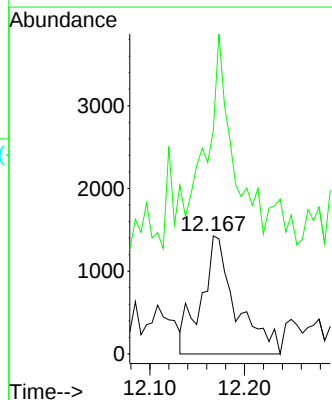
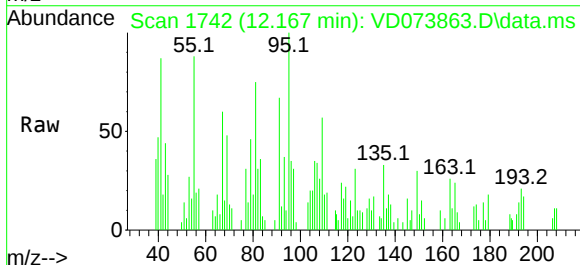
Instrument :
MSVOA_D
ClientSampleId :
A-2-LC

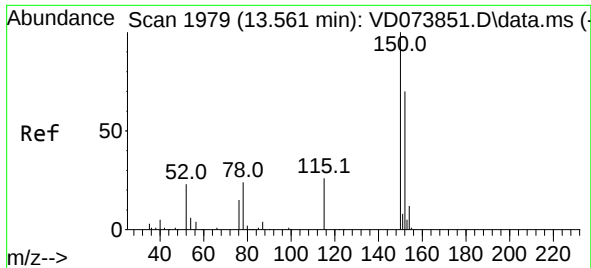
Tgt Ion:106 Resp: 6740
Ion Ratio Lower Upper
106 100
91 239.7 163.7 245.5



#69
o-Xylene
Concen: 1.399 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD073863.D
Acq: 19 Jul 2022 16:10

Tgt Ion:106 Resp: 3623
Ion Ratio Lower Upper
106 100
91 134.9 110.4 331.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1979

Delta R.T. 0.006 min

Lab File: VD073863.D

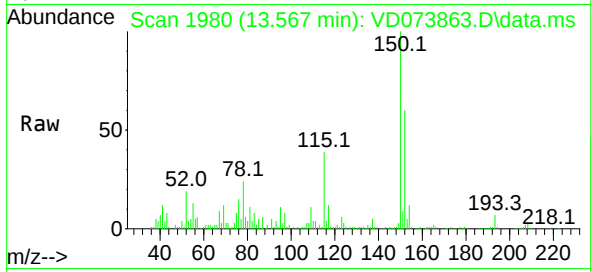
Acq: 19 Jul 2022 16:10

Instrument :

MSVOA_D

ClientSampleId :

A-2-LC



Tgt Ion:152 Resp: 74799

Ion Ratio Lower Upper

152 100

115 58.4 31.3 93.8

150 155.3 0.0 348.6

