

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072294.D
 Acq On : 18 Mar 2022 17:13
 Operator : VA/SY
 Sample : N1994-07
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-4.5-5.0RE

Quant Time: Mar 19 05:26:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	5754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	9208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	10785	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	4817	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	4650	72.515	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.020%
35) Dibromofluoromethane	7.903	113	3882	59.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.820%
50) Toluene-d8	10.332	98	11274	47.583	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.160%
62) 4-Bromofluorobenzene	12.620	95	4700	51.053	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.100%

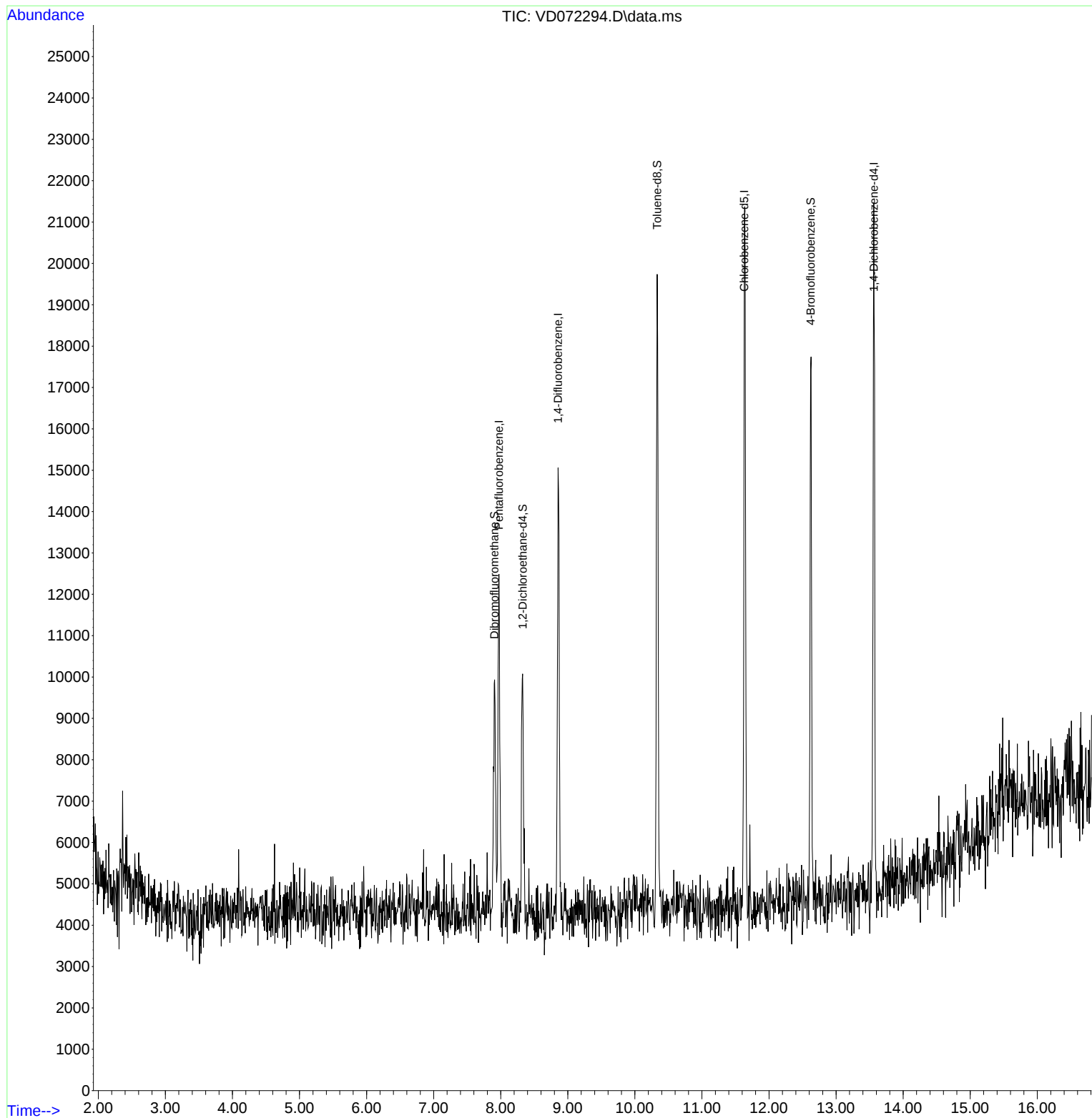
Target Compounds	Qvalue

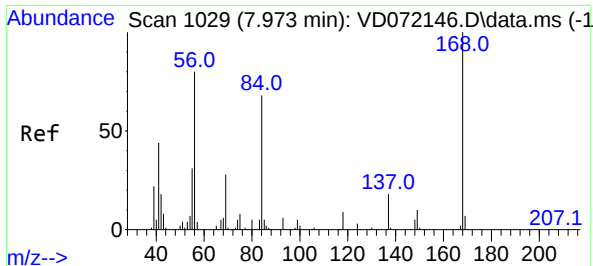
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

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Instrument :

MSVOA_D

ClientSampleId :

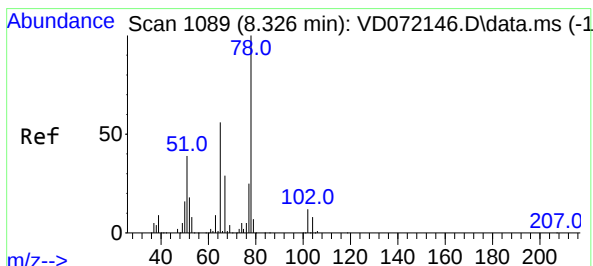
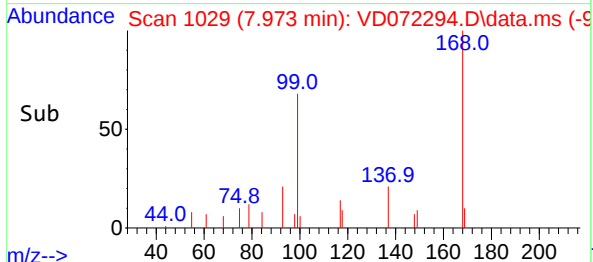
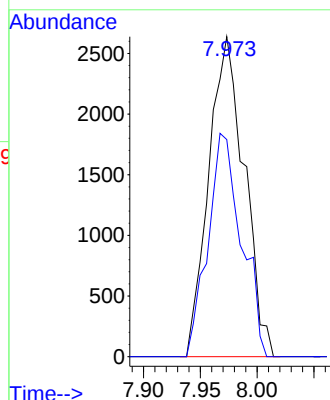
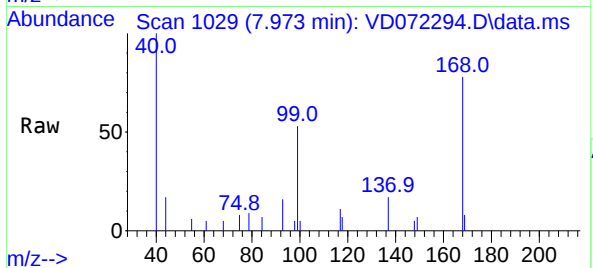
SB-03-4.5-5.0RE

Tgt Ion:168 Resp: 5754

Ion Ratio Lower Upper

168 100

99 67.9 49.8 74.6



1,2-Dichloroethane-d4

Concen: 72.515 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072294.D

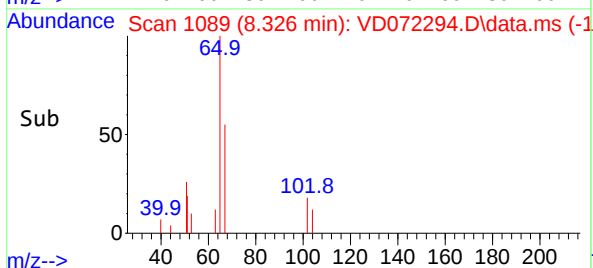
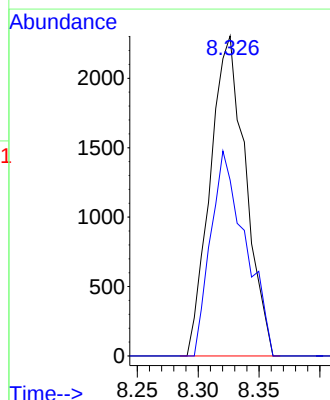
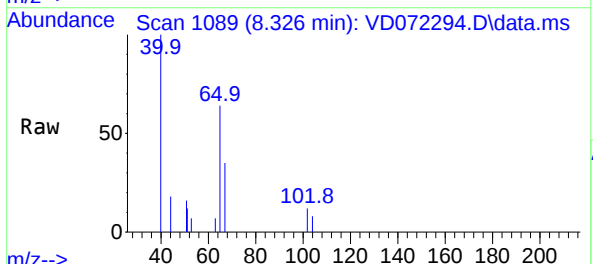
Acq: 18 Mar 2022 17:13

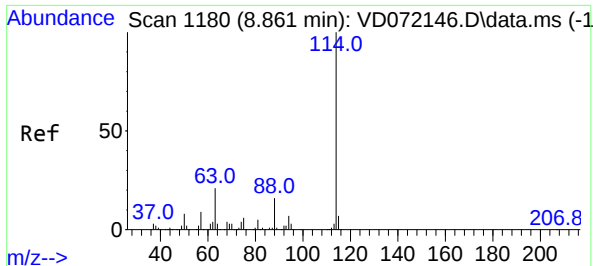
Tgt Ion: 65 Resp: 4650

Ion Ratio Lower Upper

65 100

67 62.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072294.D

Acq: 18 Mar 2022 17:13

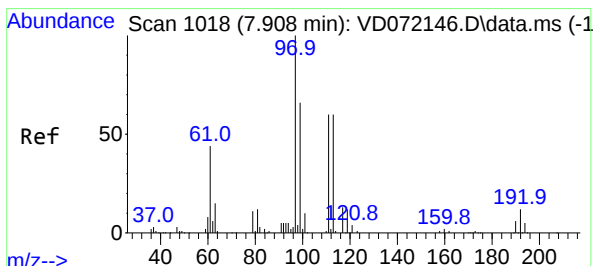
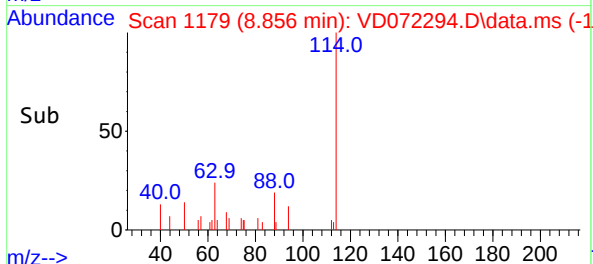
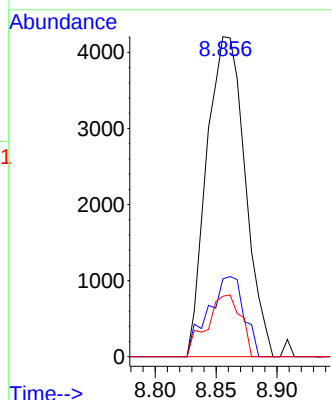
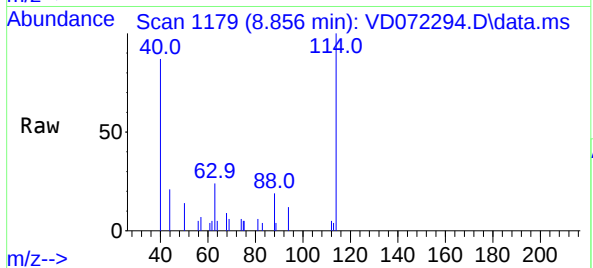
Instrument :

MSVOA_D

ClientSampleId :

SB-03-4.5-5.0RE

Tgt Ion:114	Resp:	9208
Ion	Ratio	Lower Upper
114	100	
63	24.3	0.0 46.6
88	22.8	0.0 33.2



#35

Dibromofluoromethane

Concen: 59.910 ug/l

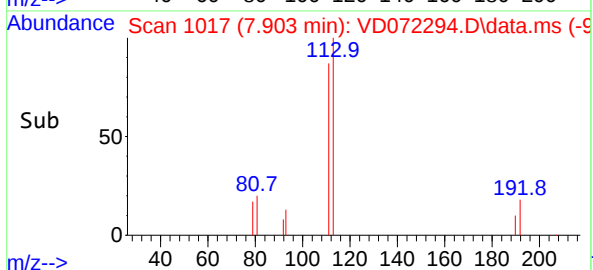
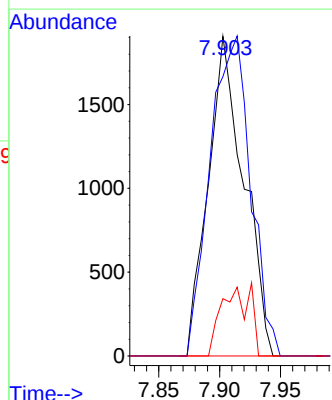
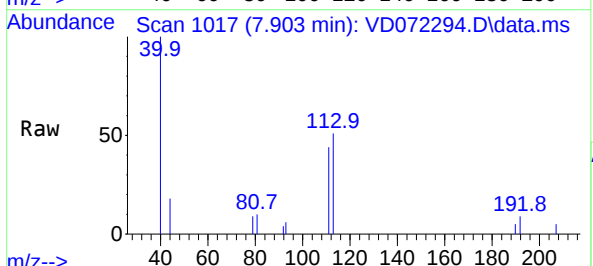
RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD072294.D

Acq: 18 Mar 2022 17:13

Tgt Ion:113	Resp:	3882
Ion	Ratio	Lower Upper
113	100	
111	113.8	83.8 125.6
192	0.0	14.6 21.8

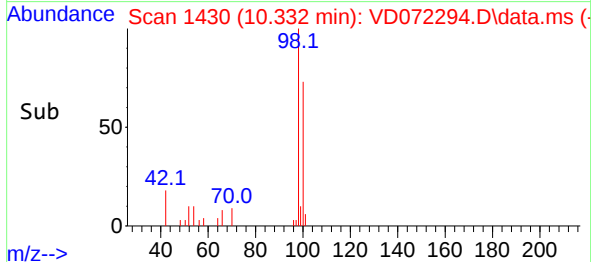
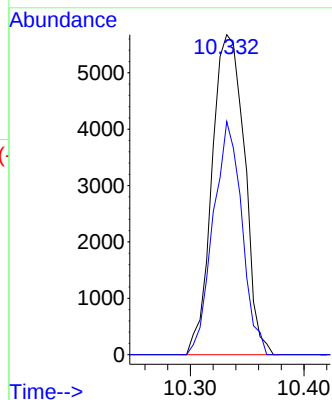
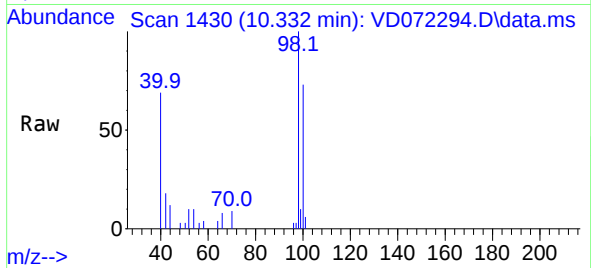




#50
Toluene-d8
Concen: 47.583 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072294.D
Acq: 18 Mar 2022 17:13

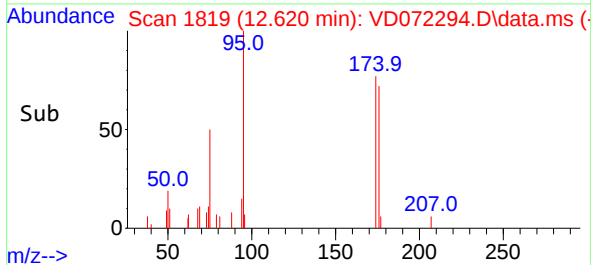
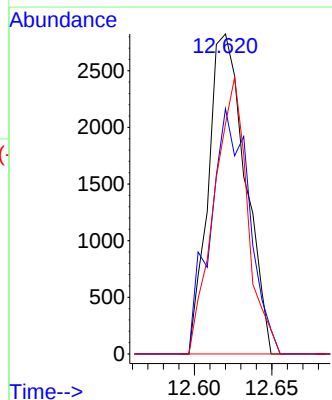
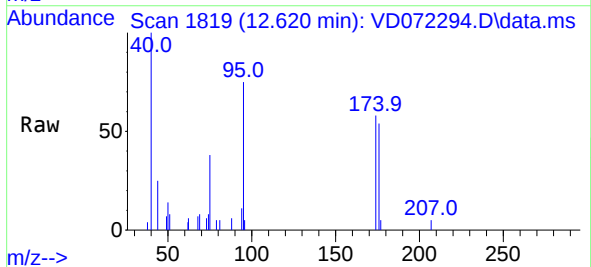
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Tgt Ion: 98 Resp: 11274
Ion Ratio Lower Upper
98 100
100 64.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.053 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072294.D
Acq: 18 Mar 2022 17:13

Tgt Ion: 95 Resp: 4700
Ion Ratio Lower Upper
95 100
174 80.5 0.0 152.8
176 77.7 0.0 145.4

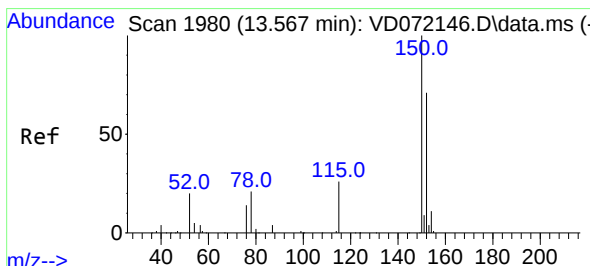
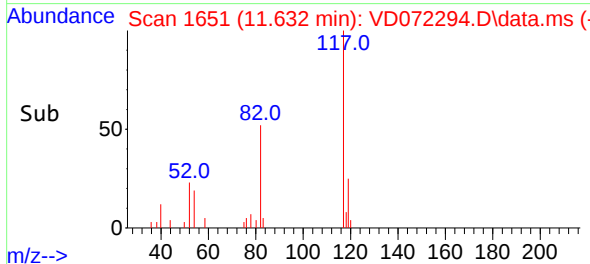
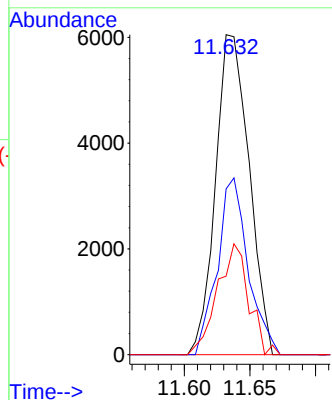
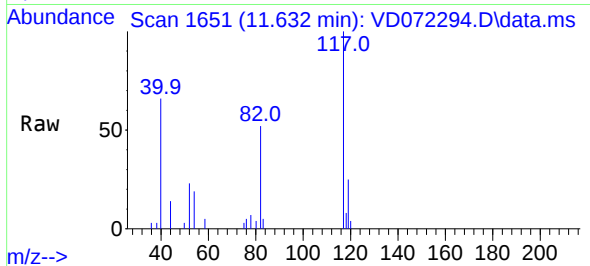




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VD072294.D
Acq: 18 Mar 2022 17:13

Instrument :
MSVOA_D
ClientSampleId :
SB-03-4.5-5.0RE

Tgt Ion:117 Resp: 10785
Ion Ratio Lower Upper
117 100
82 51.8 45.3 67.9
119 24.6 26.6 40.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072294.D
Acq: 18 Mar 2022 17:13

Tgt Ion:152 Resp: 4817
Ion Ratio Lower Upper
152 100
115 53.3 31.3 93.8
150 148.1 0.0 348.6

