

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073296.D
 Acq On : 23 May 2022 22:34
 Operator : VA/SY
 Sample : BLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0523SBL02

Quant Time: May 24 03:30:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	2652	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.856	114	3570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	3287	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	2549	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	517	17.640	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	35.280%#
35) Dibromofluoromethane	7.914	113	853	36.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.420%
50) Toluene-d8	10.332	98	4097	47.180	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.360%
62) 4-Bromofluorobenzene	12.614	95	1507	49.450	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.900%

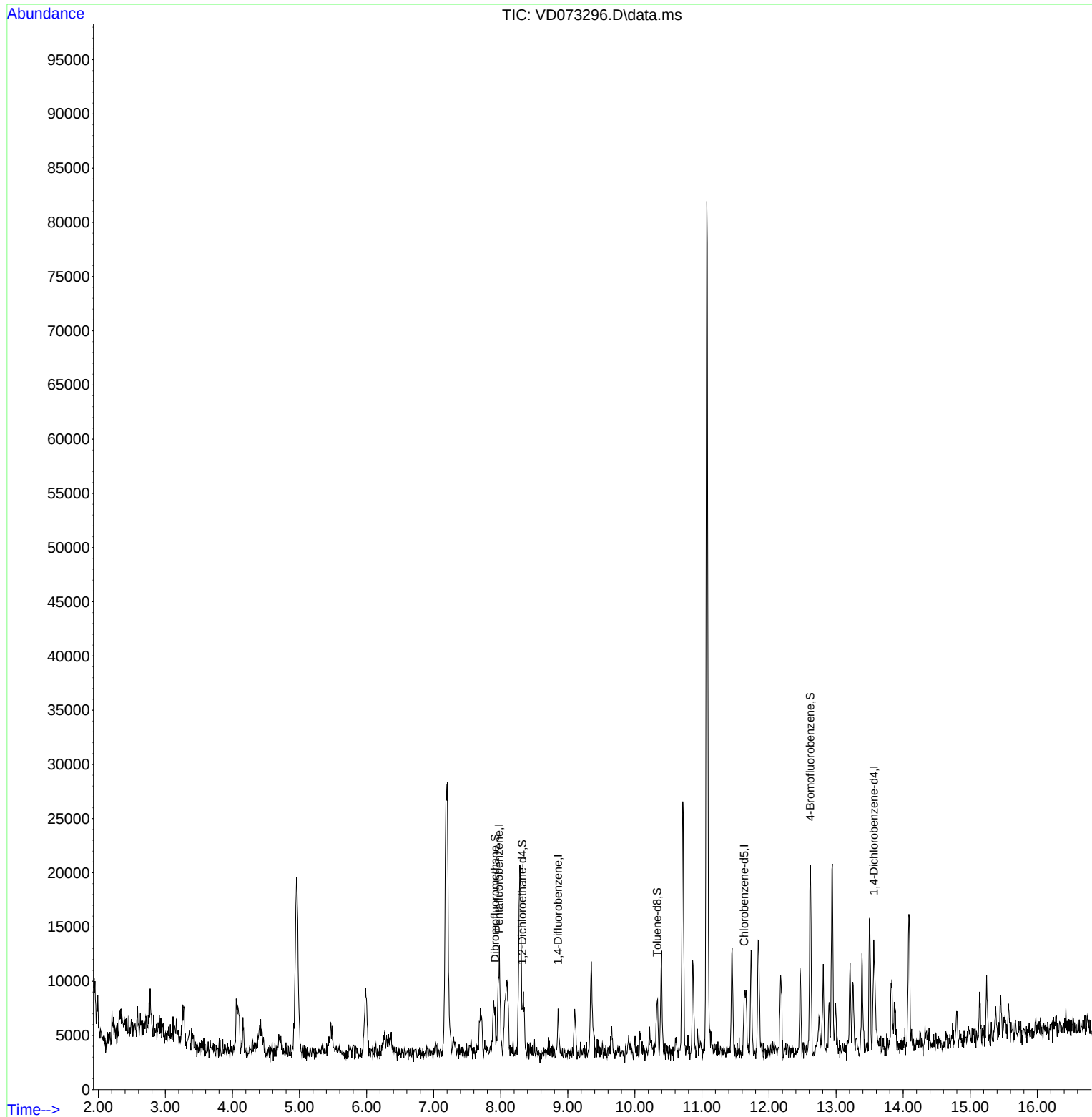
Target Compounds	Qvalue

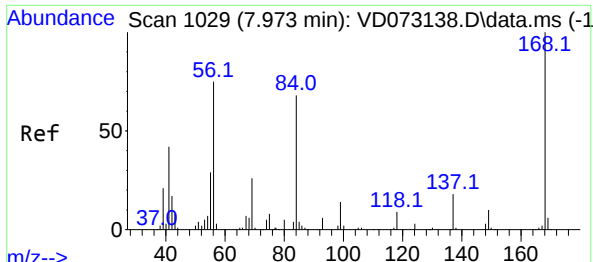
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073296.D

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Instrument :

MSVOA_D

ClientSampleId :

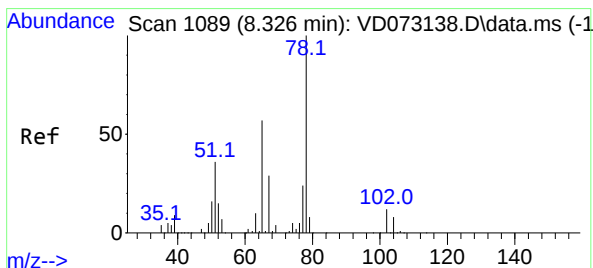
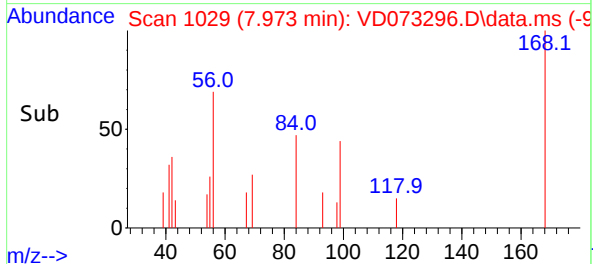
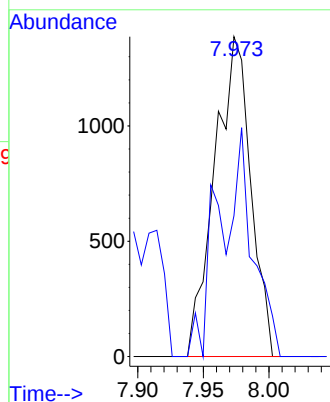
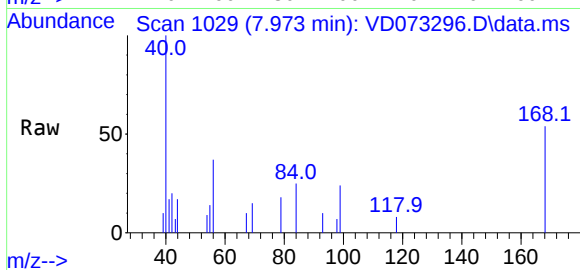
VD0523SBL02

Tgt Ion:168 Resp: 2652

Ion Ratio Lower Upper

168 100

99 44.1 49.8 74.6#



1,2-Dichloroethane-d4

Concen: 17.640 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073296.D

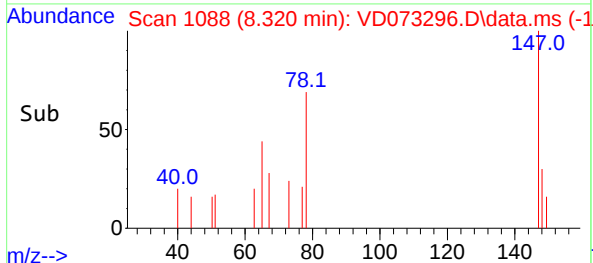
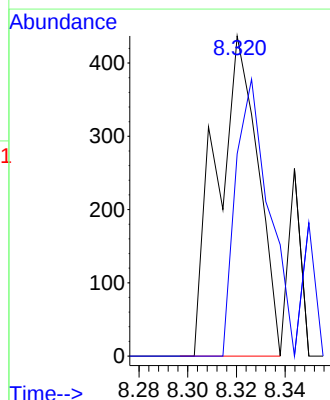
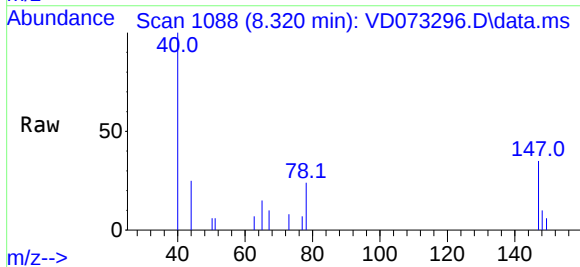
Acq: 23 May 2022 22:34

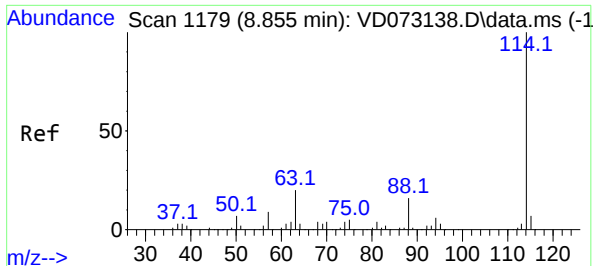
Tgt Ion: 65 Resp: 517

Ion Ratio Lower Upper

65 100

67 69.4 0.0 101.4

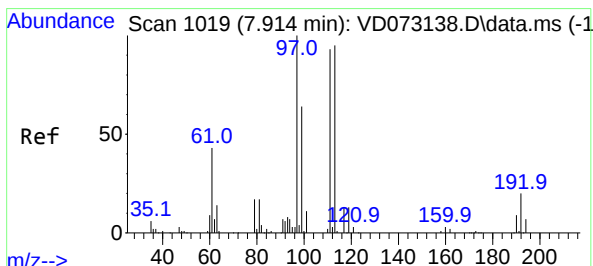
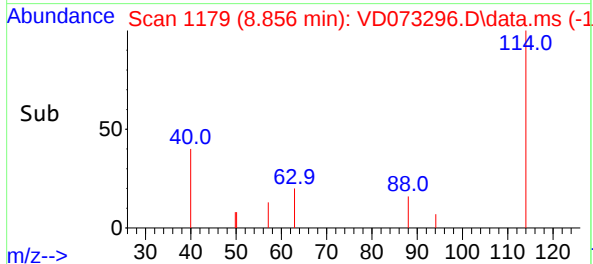
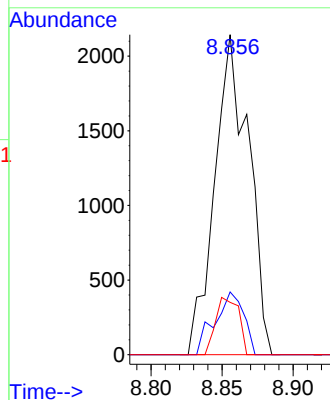
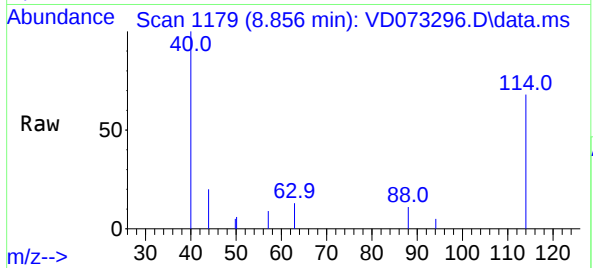




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073296.D
Acq: 23 May 2022 22:34

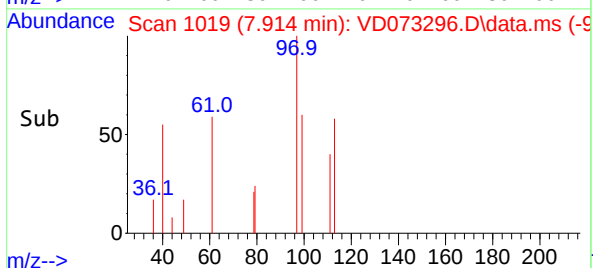
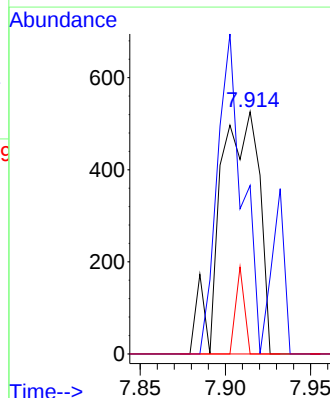
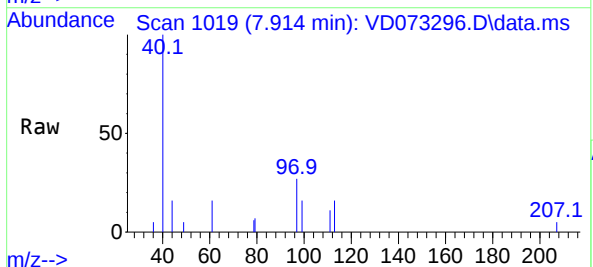
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBL02

Tgt Ion:114	Resp:	3570
Ion Ratio	Lower	Upper
114	100	
63	19.6	0.0 46.6
88	16.4	0.0 33.2



#35
Dibromofluoromethane
Concen: 36.210 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD073296.D
Acq: 23 May 2022 22:34

Tgt Ion:113	Resp:	853
Ion Ratio	Lower	Upper
113	100	
111	84.1	83.8 125.6
192	7.9	14.6 21.8

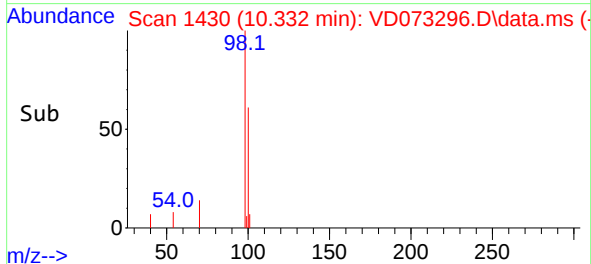
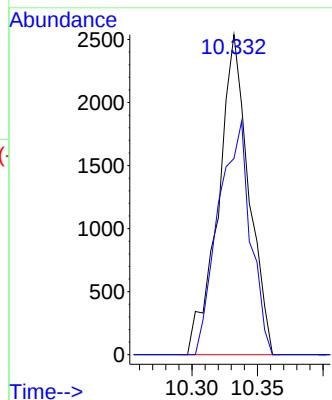
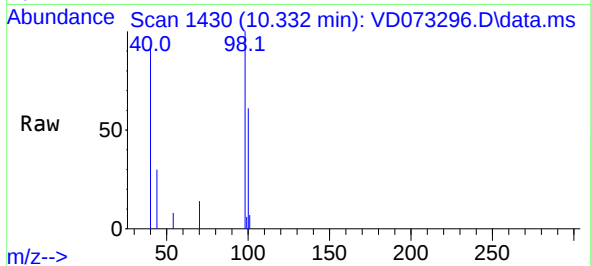




#50
Toluene-d8
Concen: 47.180 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073296.D
Acq: 23 May 2022 22:34

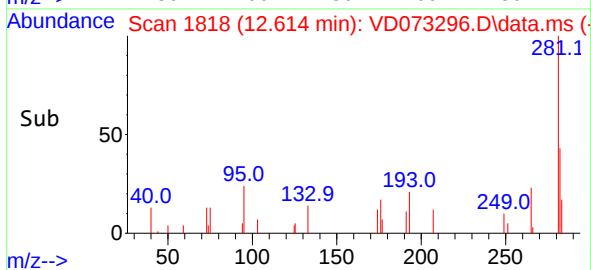
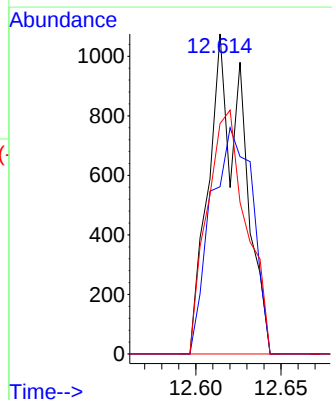
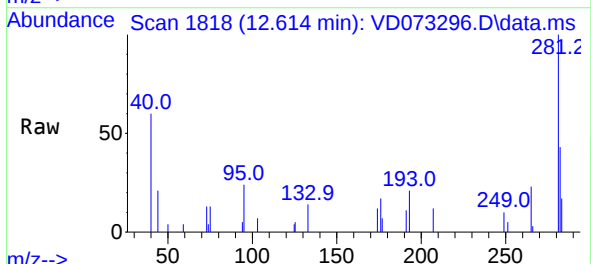
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBL02

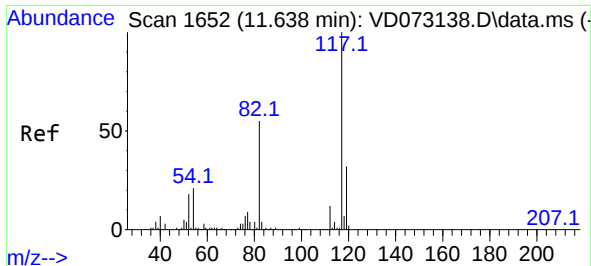
Tgt Ion: 98 Resp: 4097
Ion Ratio Lower Upper
98 100
100 76.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.450 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD073296.D
Acq: 23 May 2022 22:34

Tgt Ion: 95 Resp: 1507
Ion Ratio Lower Upper
95 100
174 85.6 0.0 152.8
176 86.5 0.0 145.4

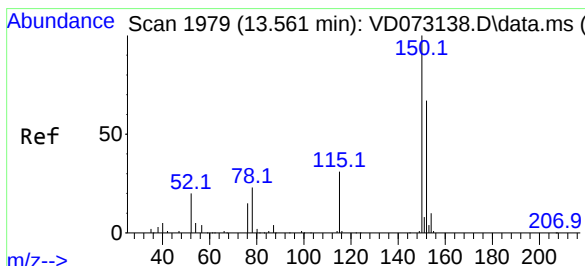
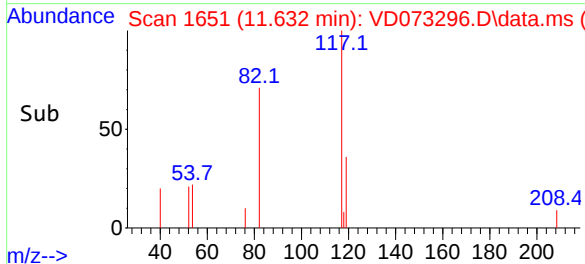
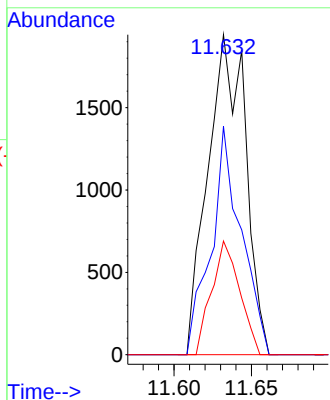
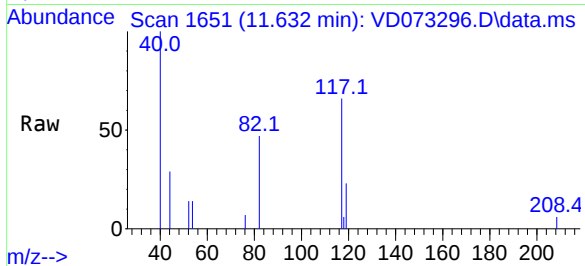




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073296.D
Acq: 23 May 2022 22:34

Instrument :
MSVOA_D
ClientSampleId :
VD0523SBL02

Tgt Ion:117 Resp: 3287
Ion Ratio Lower Upper
117 100
82 71.3 45.3 67.9#
119 35.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073296.D
Acq: 23 May 2022 22:34

Tgt Ion:152 Resp: 2549
Ion Ratio Lower Upper
152 100
115 56.3 31.3 93.8
150 146.4 0.0 348.6

