

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
 Data File : VD070794.D
 Acq On : 21 Oct 2021 11:58
 Operator : VA/SY
 Sample : M4283-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-231

Quant Time: Oct 22 06:13:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	7468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	12225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	10840	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	3518	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	7391	83.558	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	167.120%#
35) Dibromofluoromethane	7.903	113	4706	60.119	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.240%
50) Toluene-d8	10.332	98	15156	50.509	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.020%
62) 4-Bromofluorobenzene	12.614	95	4445	43.021	ug/l	-0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.040%

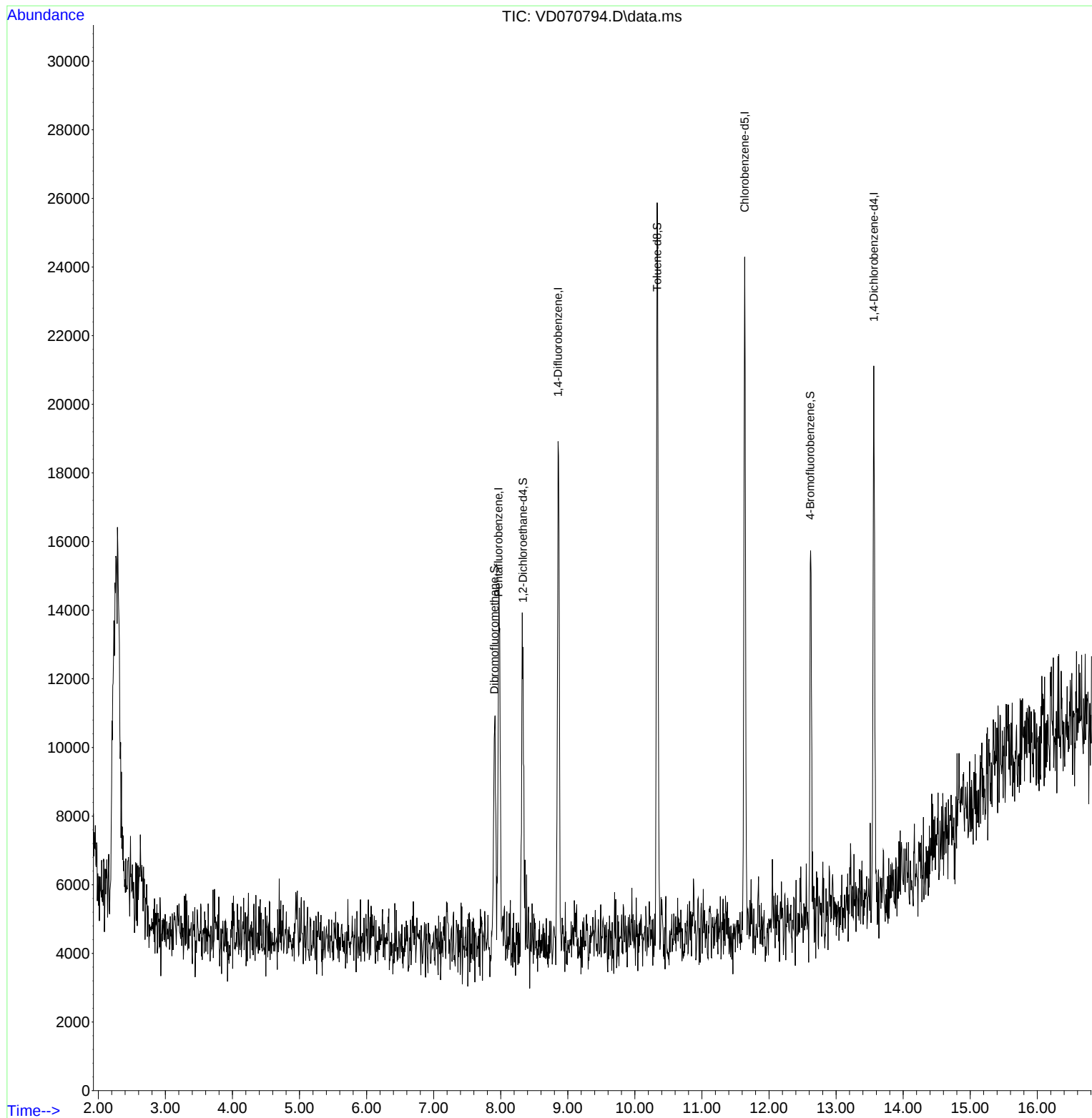
Target Compounds	Qvalue

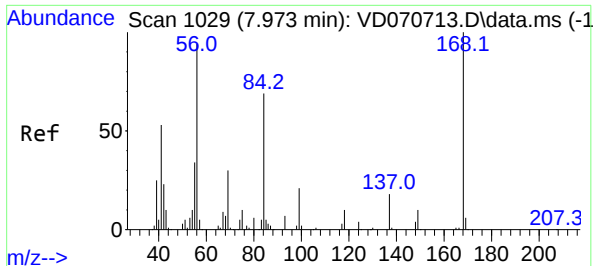
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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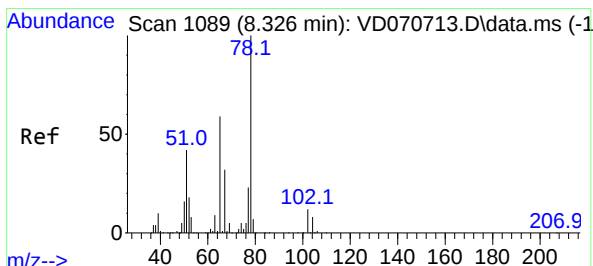
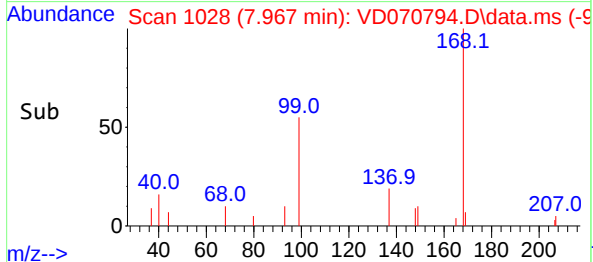
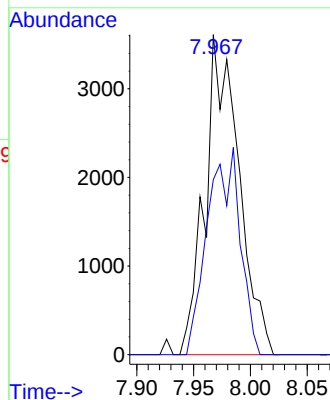
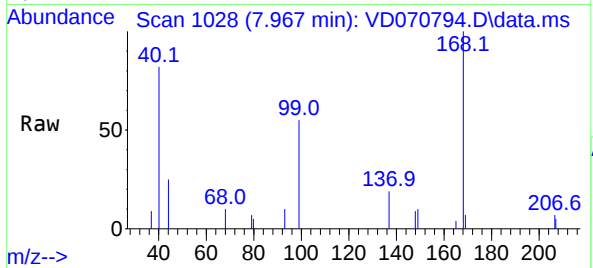




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD070794.D
Acq: 21 Oct 2021 11:58

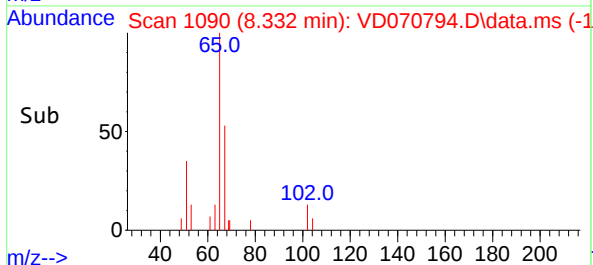
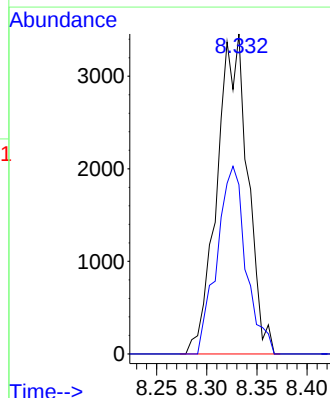
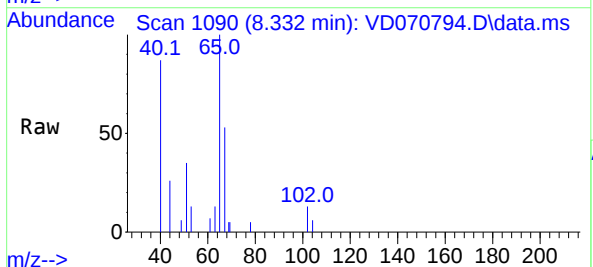
Instrument :
MSVOA_D
ClientSampled :
VNJ-231

Tgt Ion:168 Resp: 7468
Ion Ratio Lower Upper
168 100
99 54.7 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 83.558 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070794.D
Acq: 21 Oct 2021 11:58

Tgt Ion: 65 Resp: 7391
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.2

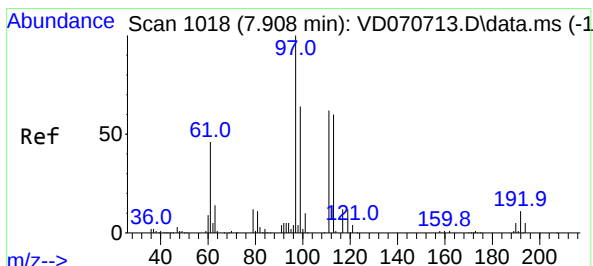
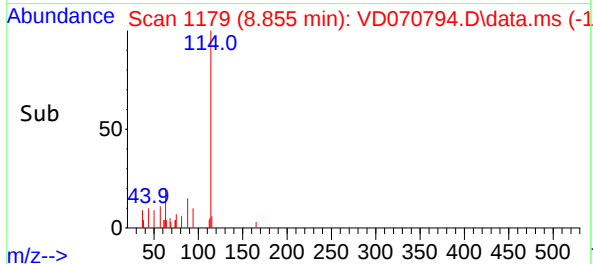
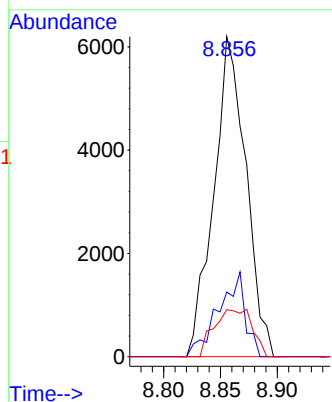
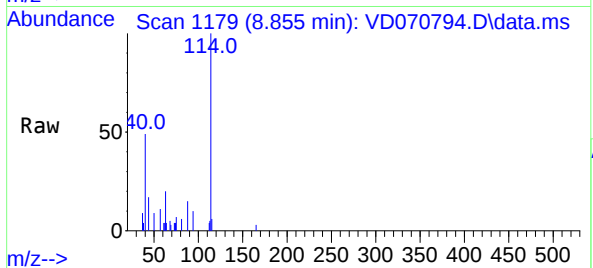




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070794.D
Acq: 21 Oct 2021 11:58

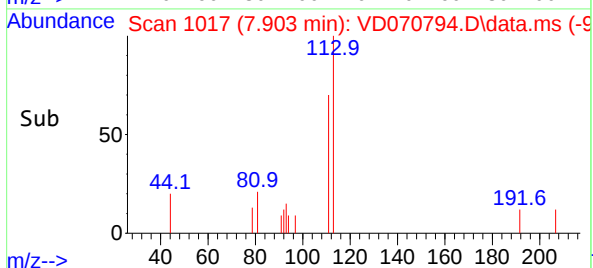
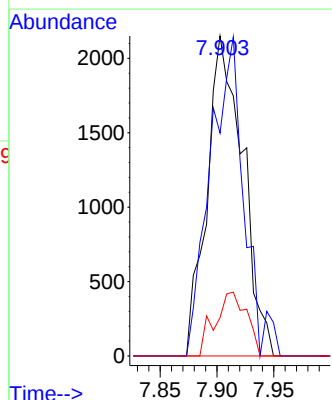
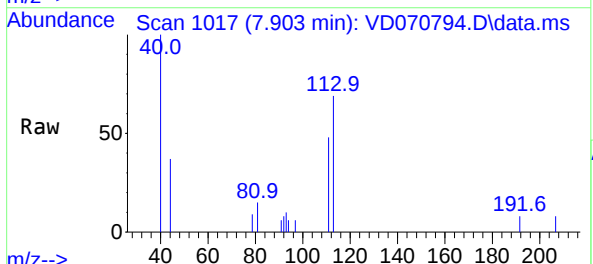
Instrument :
MSVOA_D
ClientSampleId :
VNJ-231

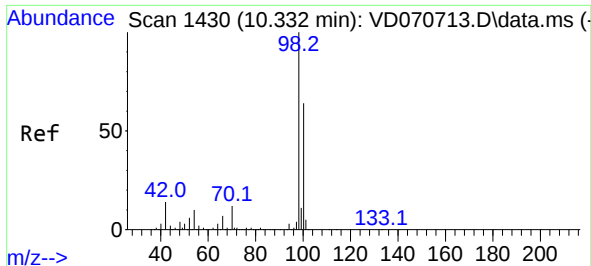
Tgt Ion:114	Resp:	12225
Ion Ratio	Lower	Upper
114	100	
63	20.2	0.0 41.8
88	14.7	0.0 32.6



#35
Dibromofluoromethane
Concen: 60.119 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD070794.D
Acq: 21 Oct 2021 11:58

Tgt Ion:113	Resp:	4706
Ion Ratio	Lower	Upper
113	100	
111	94.2	83.1 124.7
192	17.5	12.7 19.1

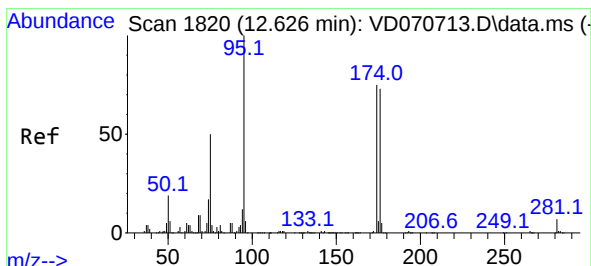
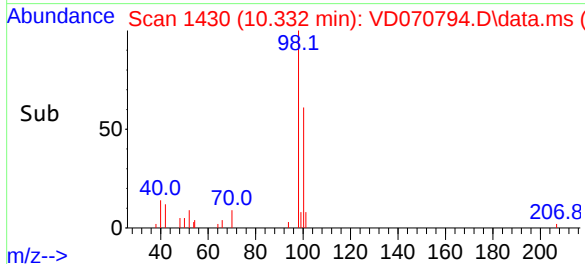
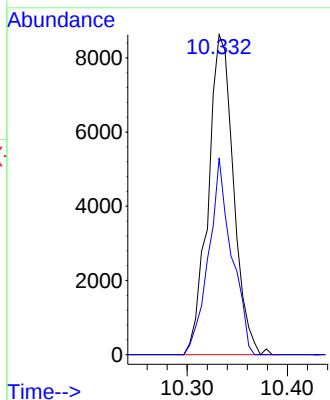
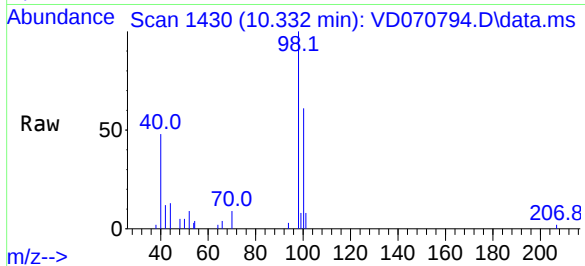




#50
Toluene-d8
Concen: 50.509 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070794.D
Acq: 21 Oct 2021 11:58

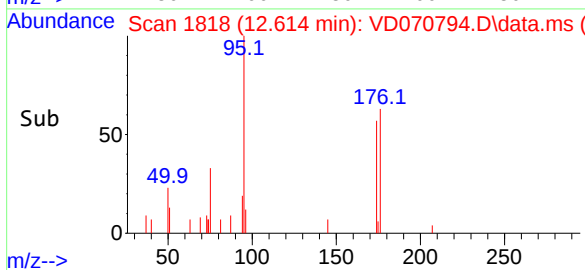
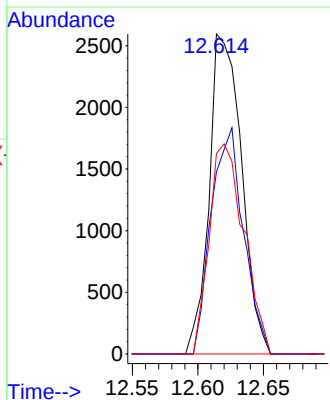
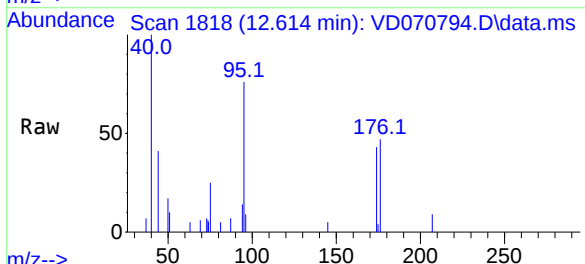
Instrument :
MSVOA_D
ClientSampleId :
VNJ-231

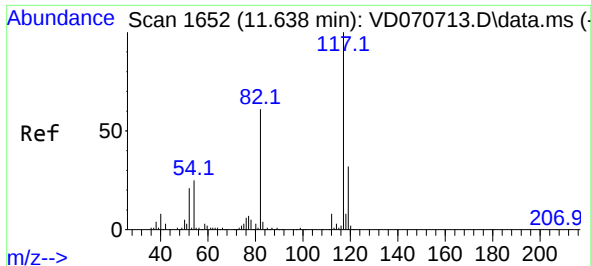
Tgt Ion: 98 Resp: 15156
Ion Ratio Lower Upper
98 100
100 56.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 43.021 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.012 min
Lab File: VD070794.D
Acq: 21 Oct 2021 11:58

Tgt Ion: 95 Resp: 4445
Ion Ratio Lower Upper
95 100
174 70.8 0.0 138.0
176 70.7 0.0 135.6

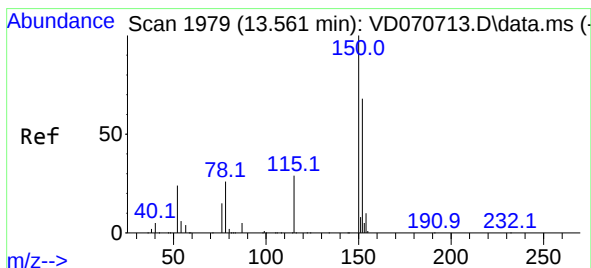
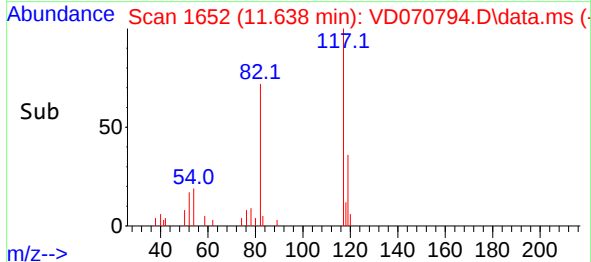
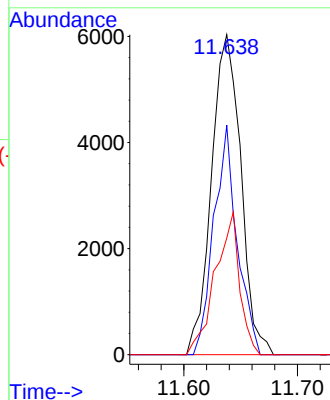
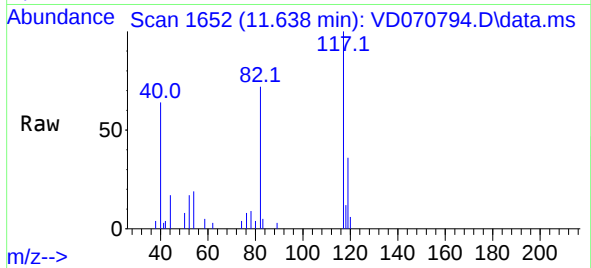




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070794.D
Acq: 21 Oct 2021 11:58

Instrument :
MSVOA_D
ClientSampleId :
VNJ-231

Tgt Ion:117 Resp: 10840
Ion Ratio Lower Upper
117 100
82 71.8 45.4 68.2#
119 36.5 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070794.D
Acq: 21 Oct 2021 11:58

Tgt Ion:152 Resp: 3518
Ion Ratio Lower Upper
152 100
115 71.7 31.9 95.7
150 166.1 0.0 350.0

