

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033122\
 Data File : VD072490.D
 Acq On : 31 Mar 2022 15:20
 Operator : VA/SY
 Sample : N2150-03
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 362

Quant Time: Apr 01 02:50:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	340897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	621570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	687311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	337446	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	192928	46.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.560%
35) Dibromofluoromethane	7.908	113	208987	43.264	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.520%
50) Toluene-d8	10.332	98	772545	46.009	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.020%
62) 4-Bromofluorobenzene	12.626	95	325510	49.638	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.280%

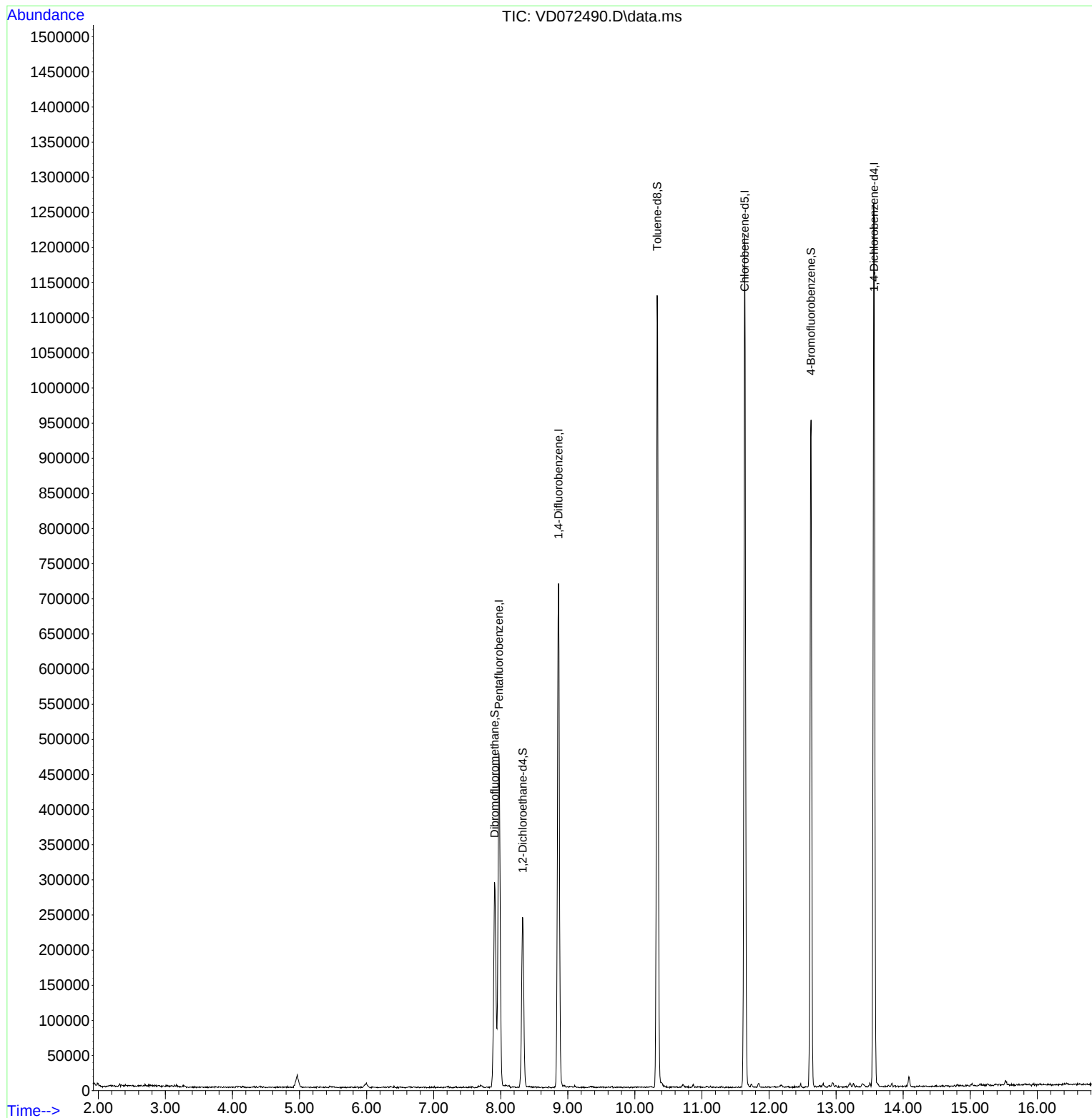
Target Compounds	Qvalue

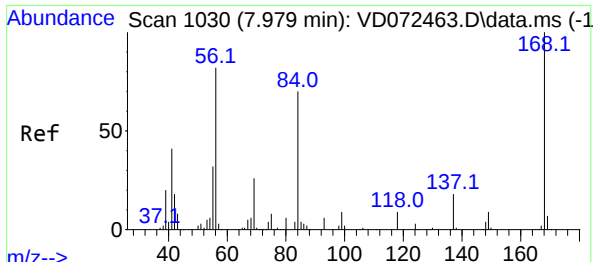
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072490.D

Acq: 31 Mar 2022 15:20

Instrument :

MSVOA_D

ClientSampleId :

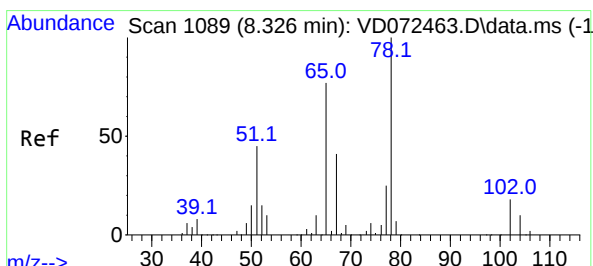
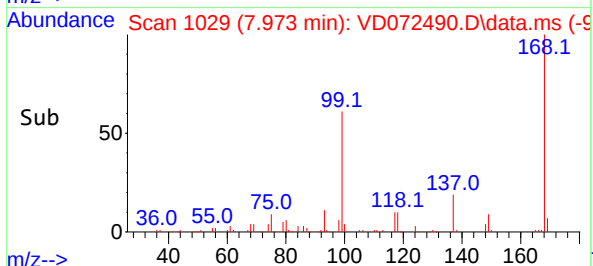
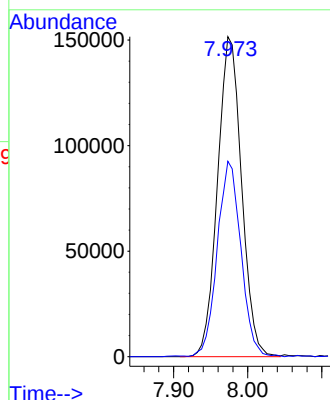
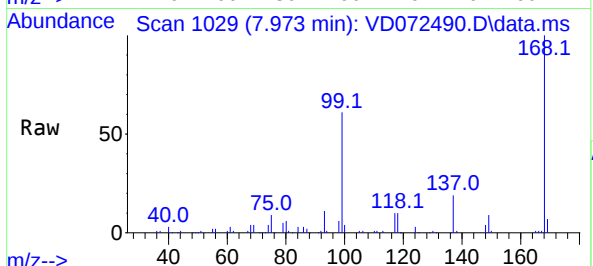
362

Tgt Ion:168 Resp: 340897

Ion Ratio Lower Upper

168 100

99 60.9 49.8 74.6



1,2-Dichloroethane-d4

Concen: 46.784 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072490.D

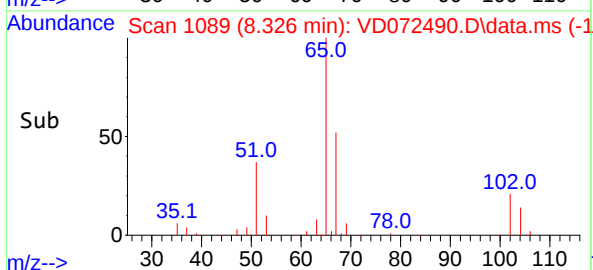
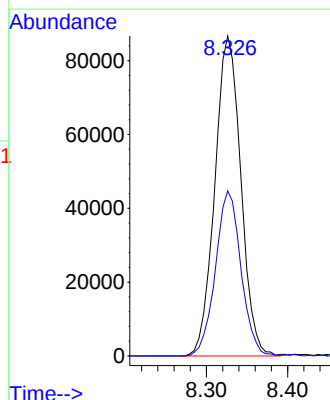
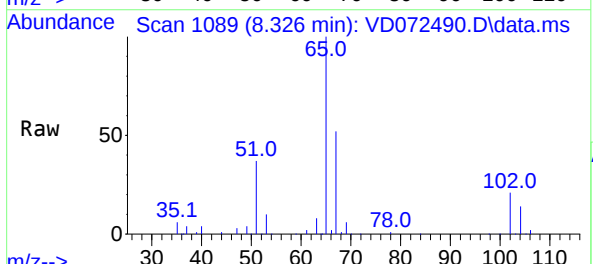
Acq: 31 Mar 2022 15:20

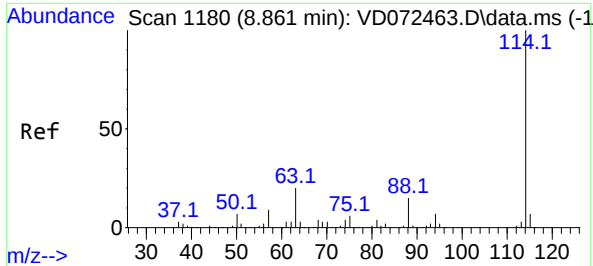
Tgt Ion: 65 Resp: 192928

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.4

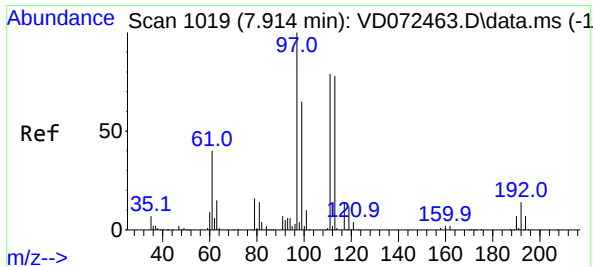
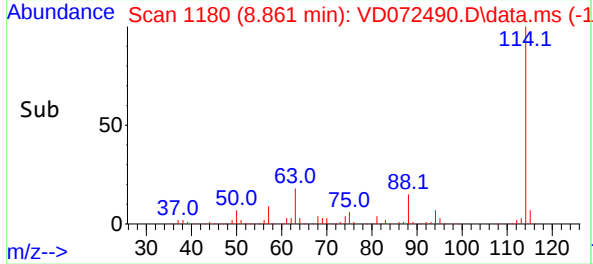
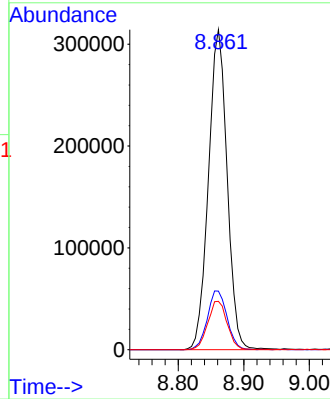
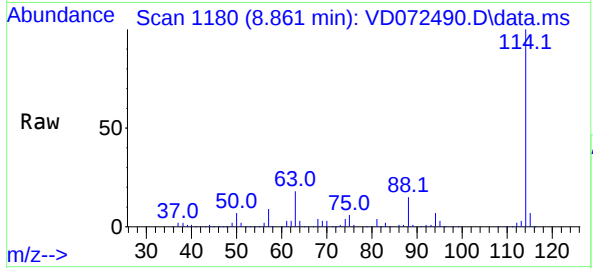




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072490.D
Acq: 31 Mar 2022 15:20

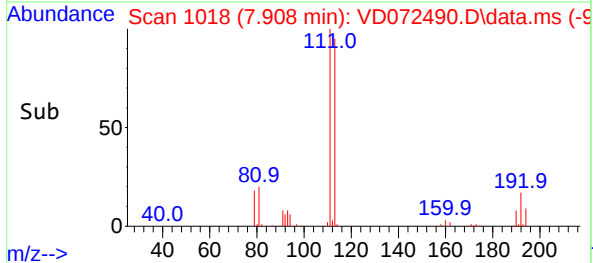
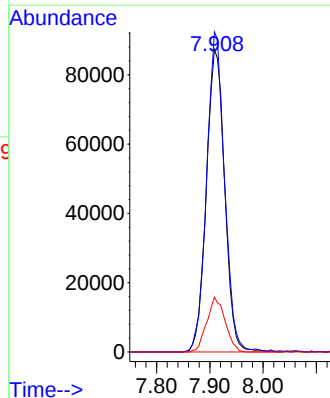
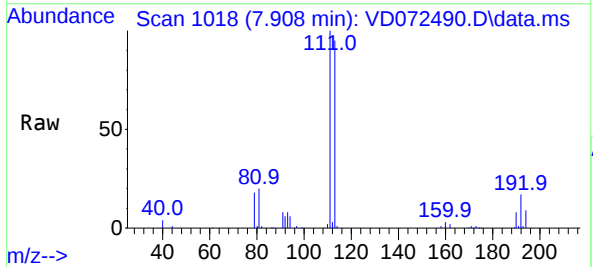
Instrument :
MSVOA_D
ClientSampleId :
362

Tgt Ion:114 Resp: 621570
Ion Ratio Lower Upper
114 100
63 18.3 0.0 46.6
88 15.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 43.264 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072490.D
Acq: 31 Mar 2022 15:20

Tgt Ion:113 Resp: 208987
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 18.1 14.6 21.8

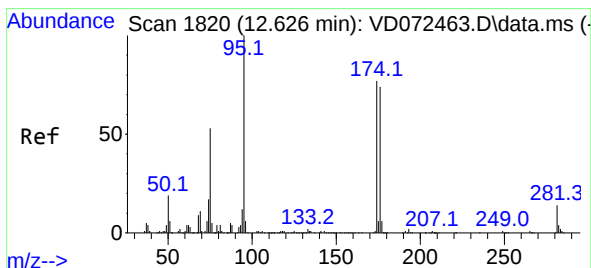
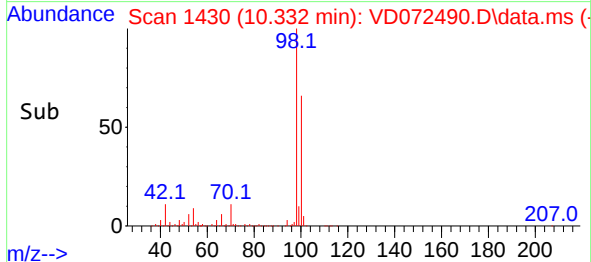
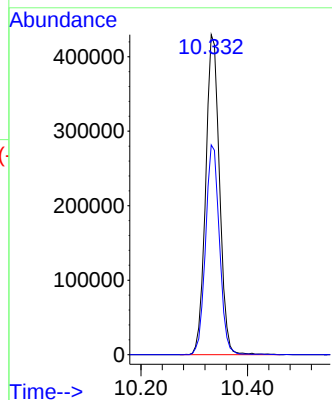
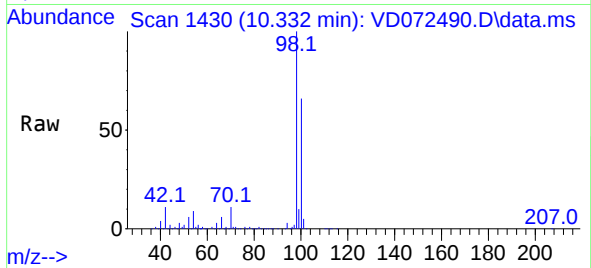




#50
Toluene-d8
Concen: 46.009 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072490.D
Acq: 31 Mar 2022 15:20

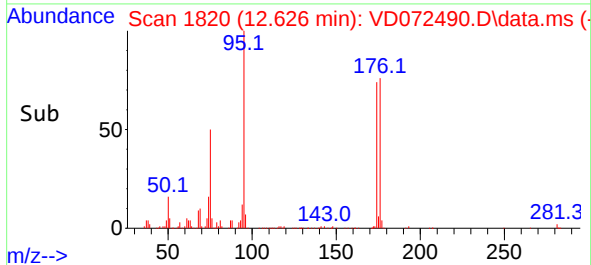
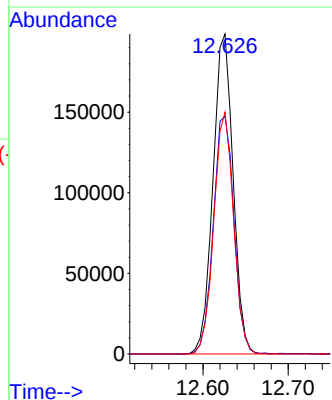
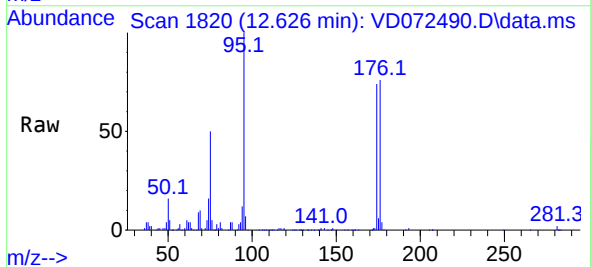
Instrument :
MSVOA_D
ClientSampleId :
362

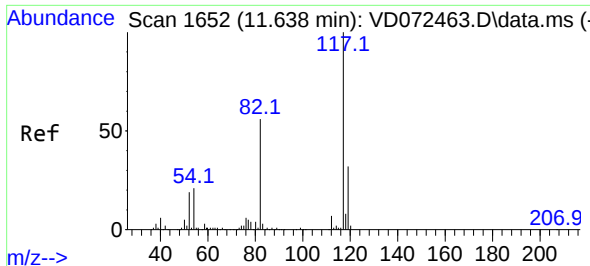
Tgt Ion: 98 Resp: 772545
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.638 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072490.D
Acq: 31 Mar 2022 15:20

Tgt Ion: 95 Resp: 325510
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.8
176 74.3 0.0 145.4

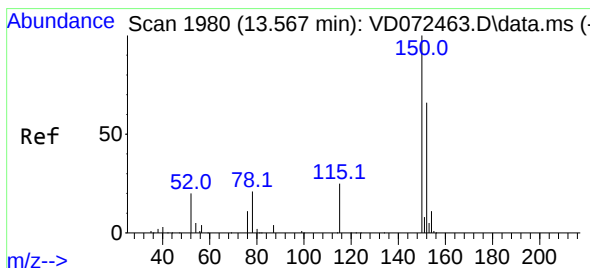
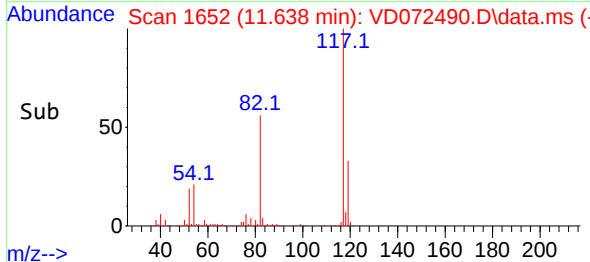
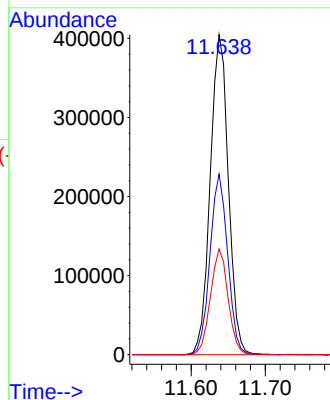
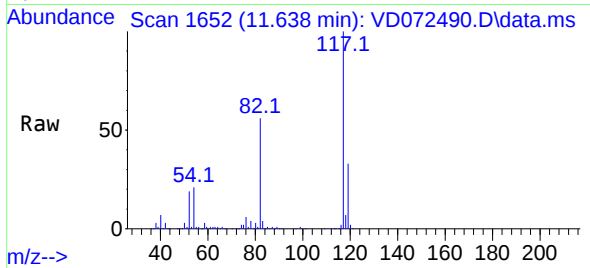




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072490.D
Acq: 31 Mar 2022 15:20

Instrument :
MSVOA_D
ClientSampleId :
362

Tgt	Ion:117	Resp:	687311
Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.3	67.9
119	33.0	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072490.D
Acq: 31 Mar 2022 15:20

Tgt Ion:152	Resp:	337446	
Ion	Ratio	Lower	Upper
152	100		
115	61.4	31.3	93.8
150	158.1	0.0	348.6

