

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033122\
 Data File : VD072489.D
 Acq On : 31 Mar 2022 14:51
 Operator : VA/SY
 Sample : N2150-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 279

Quant Time: Apr 01 02:50:13 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	371332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	663000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	735166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	359600	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	194598	43.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.640%
35) Dibromofluoromethane	7.908	113	218058	42.321	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.640%
50) Toluene-d8	10.332	98	828576	46.263	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.520%
62) 4-Bromofluorobenzene	12.626	95	342361	48.946	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.900%

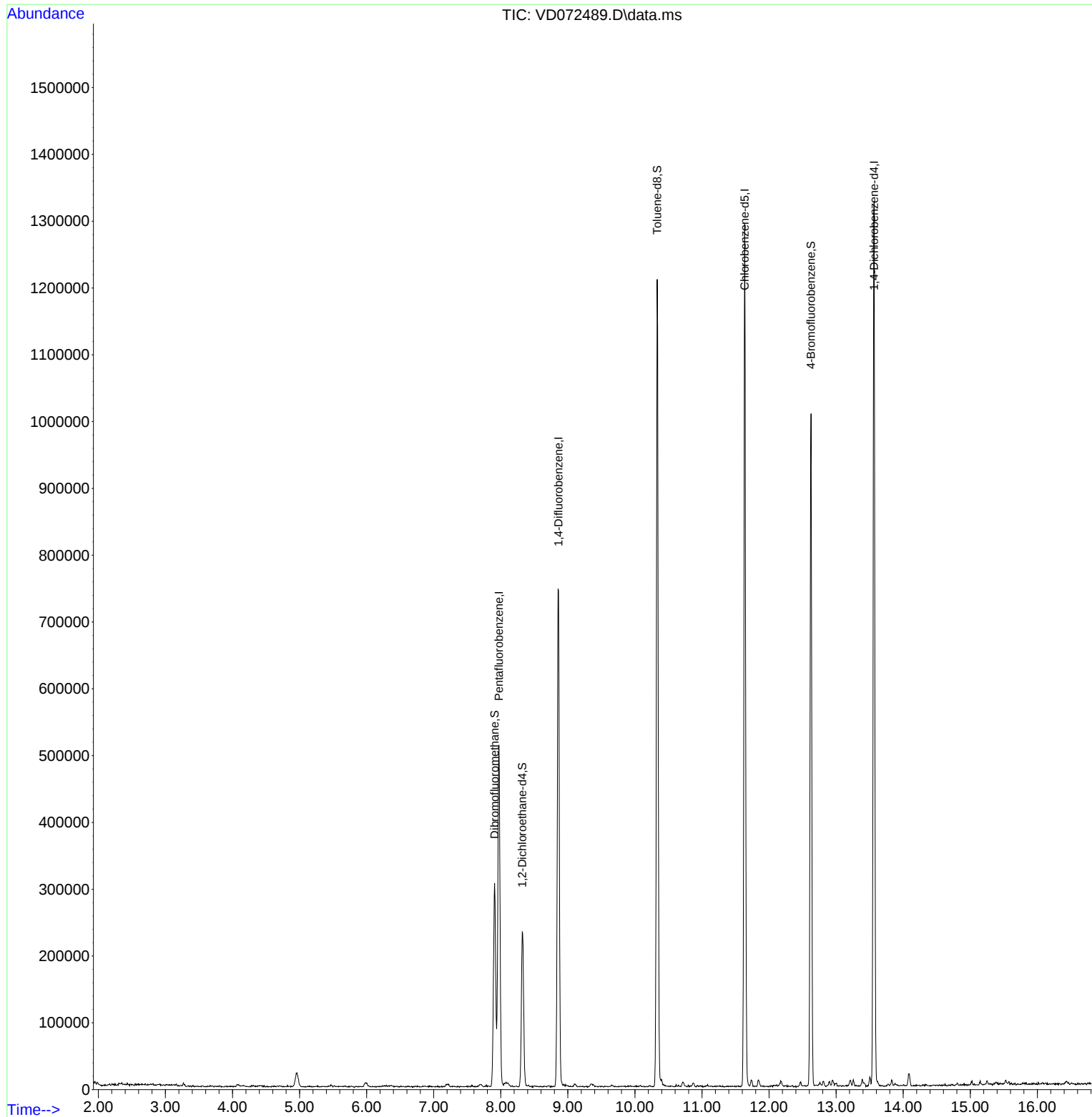
Target Compounds	Qvalue

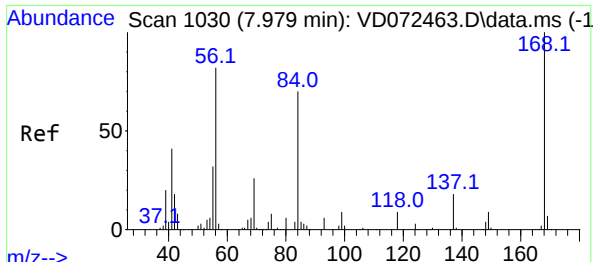
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072489.D

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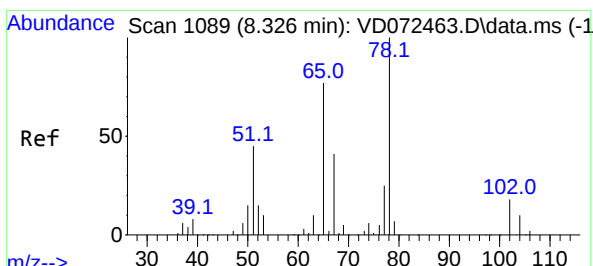
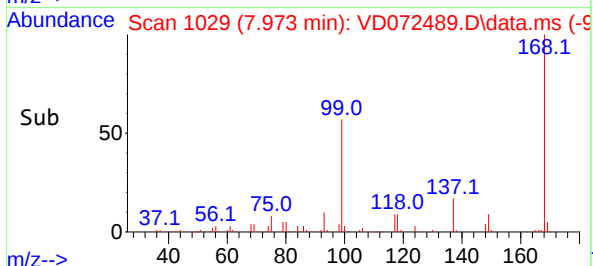
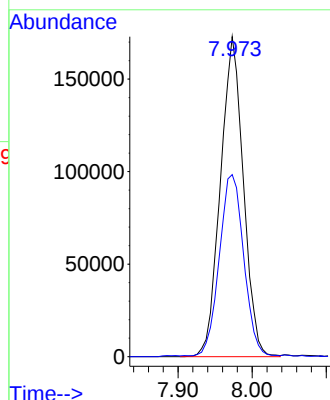
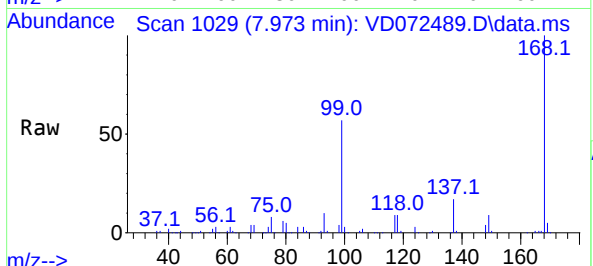
279

Tgt Ion:168 Resp: 371332

Ion Ratio Lower Upper

168 100

99 56.6 49.8 74.6



1,2-Dichloroethane-d4

Concen: 43.321 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD072489.D

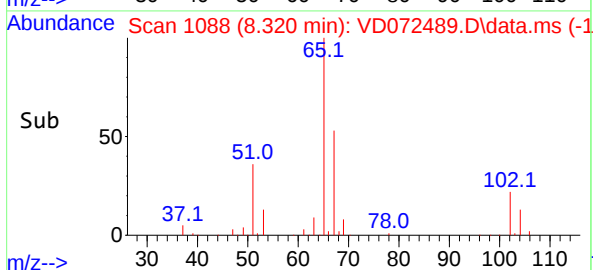
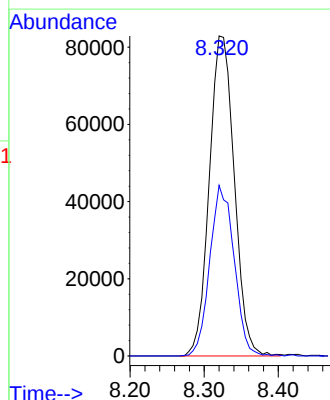
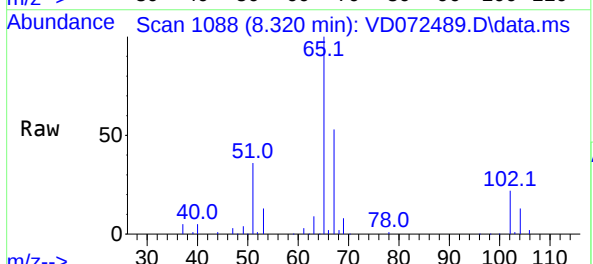
Acq: 31 Mar 2022 14:51

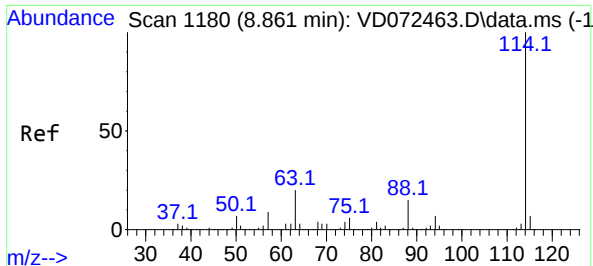
Tgt Ion: 65 Resp: 194598

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.4

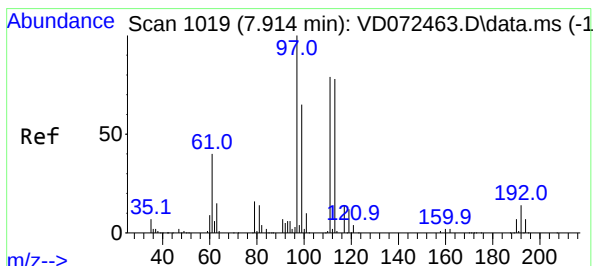
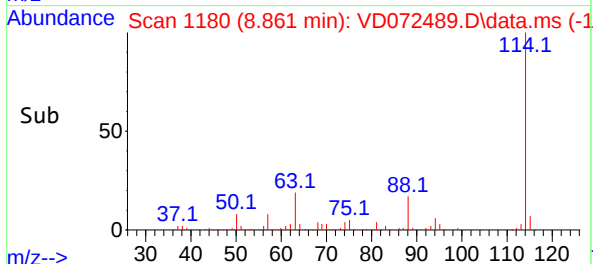
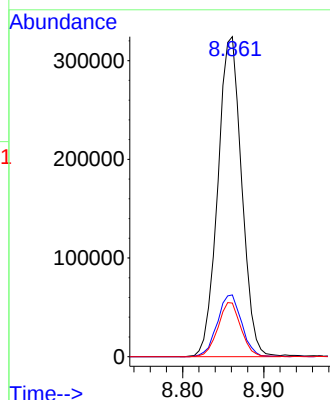
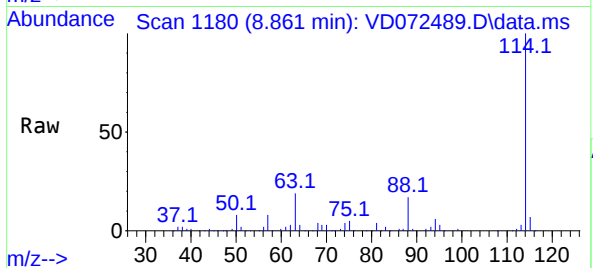




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

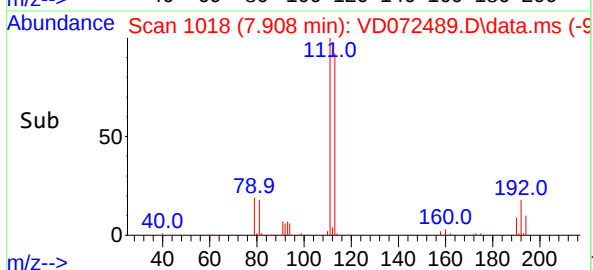
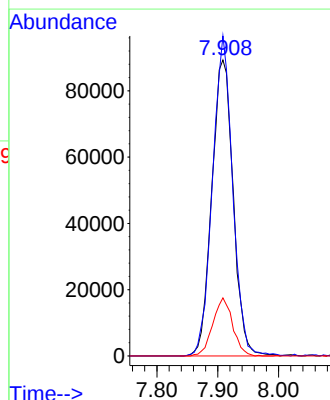
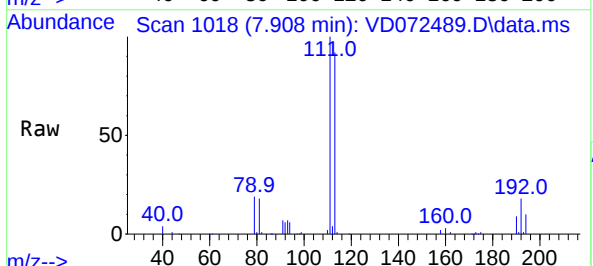
Instrument :
MSVOA_D
ClientSampleId :
279

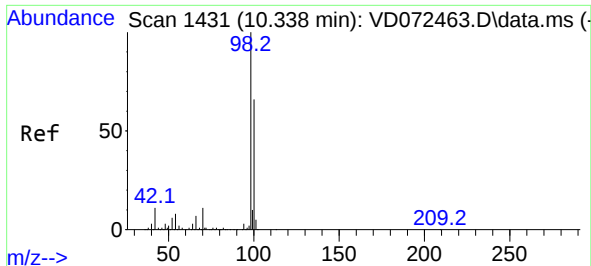
Tgt Ion:114 Resp: 663000
Ion Ratio Lower Upper
114 100
63 19.3 0.0 46.6
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 42.321 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Tgt Ion:113 Resp: 218058
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 18.2 14.6 21.8

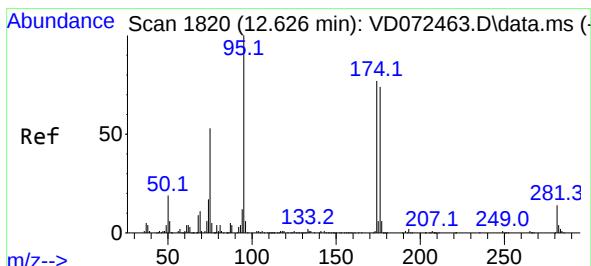
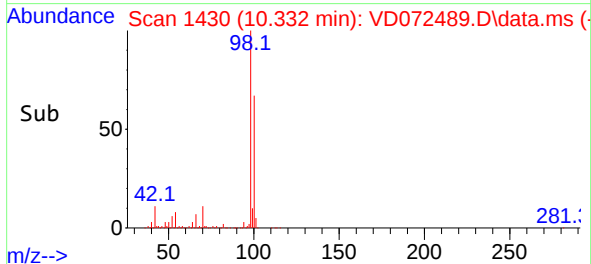
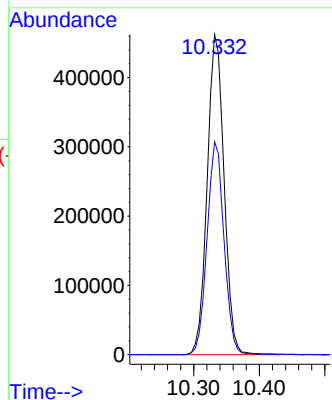
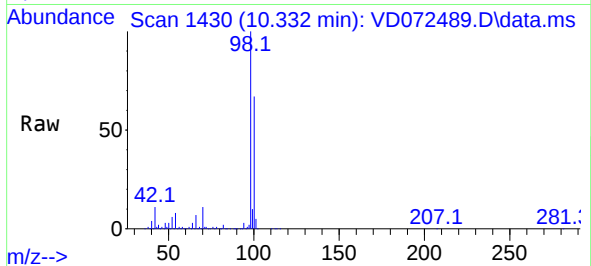




#50
Toluene-d8
Concen: 46.263 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

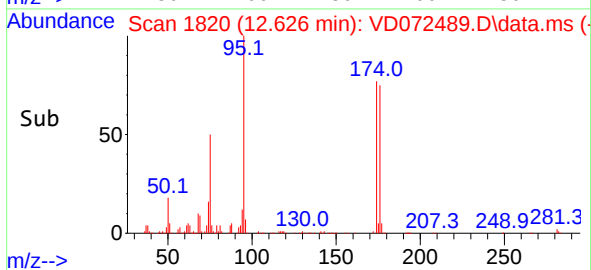
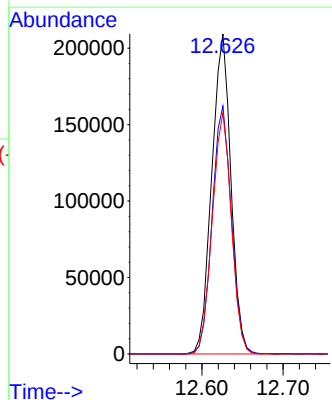
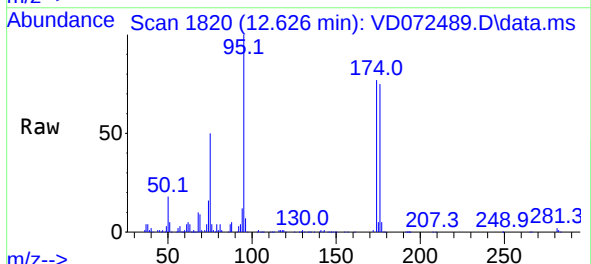
Instrument :
MSVOA_D
ClientSampleId :
279

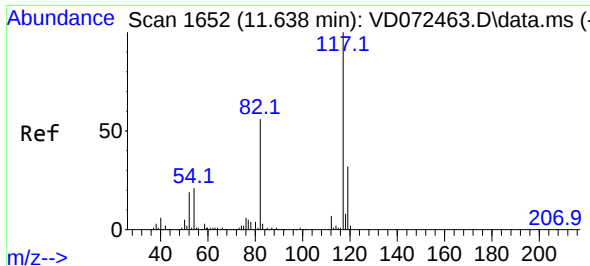
Tgt Ion: 98 Resp: 828576
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.946 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Tgt Ion: 95 Resp: 342361
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 75.3 0.0 145.4

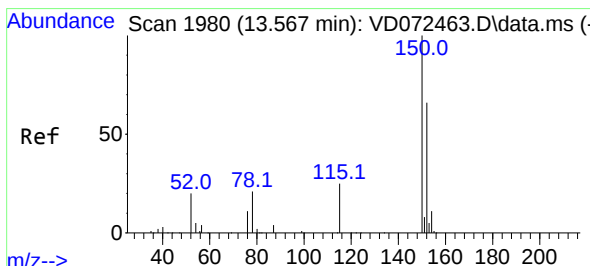
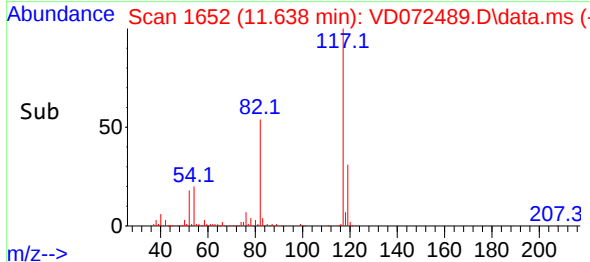
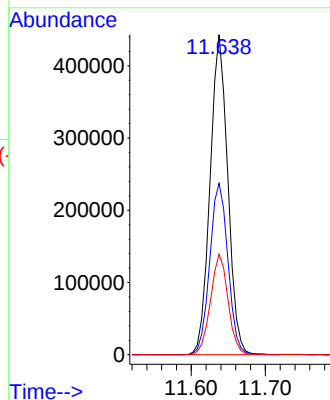
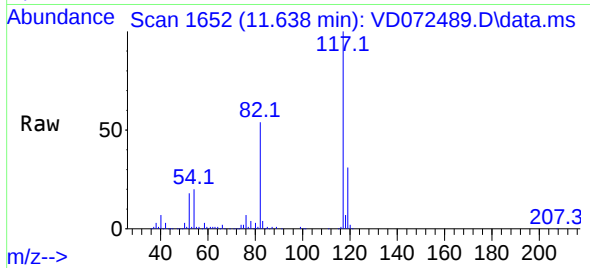




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072489.D
Acq: 31 Mar 2022 14:51

Instrument :
MSVOA_D
ClientSampleId :
279

Tgt Ion:117	Resp: 735166
Ion Ratio	Lower Upper
117 100	
82 53.5	45.3 67.9
119 31.4	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: VD072489.D
Acq: 31 Mar 2022 14:51

Tgt Ion:152	Resp: 359600		
Ion	Ratio	Lower	Upper
152	100		
115	60.0	31.3	93.8
150	156.2	0.0	348.6

