

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072167.D
 Acq On : 14 Mar 2022 14:37
 Operator : VA/SY
 Sample : N1851-03
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUM-35

Quant Time: Mar 15 01:23:50 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	2622	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	4471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	4604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	1822	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.314	65	2504	85.693	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	171.380%#
35) Dibromofluoromethane	7.908	113	2253	71.608	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	143.220%
50) Toluene-d8	10.338	98	5608	48.747	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.500%
62) 4-Bromofluorobenzene	12.626	95	1855	41.498	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.000%

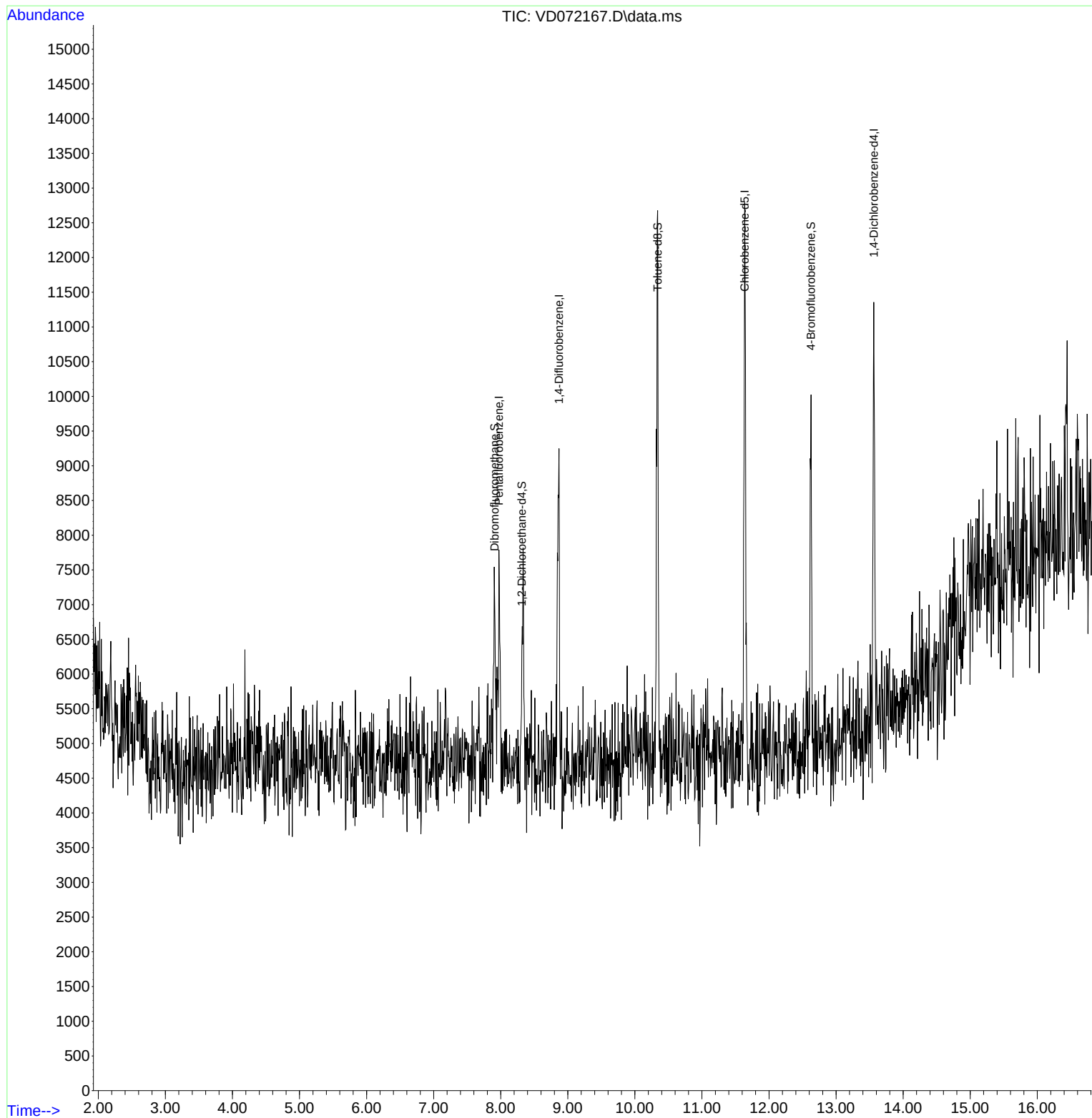
Target Compounds	Qvalue

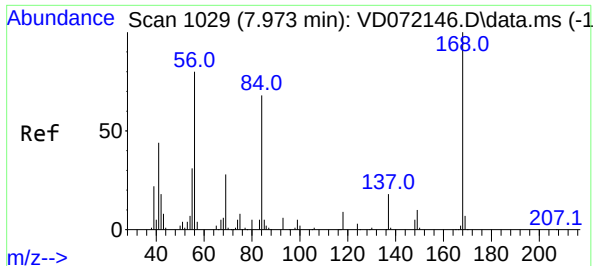
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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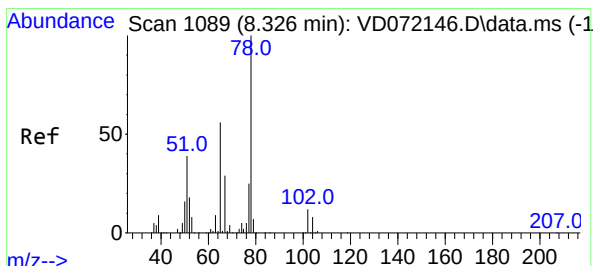
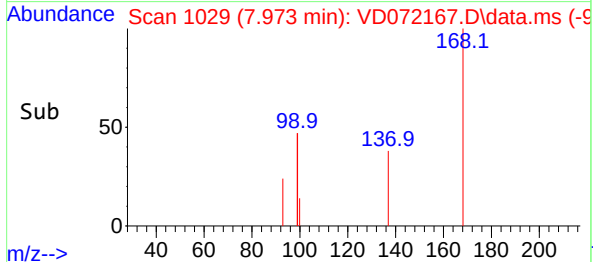
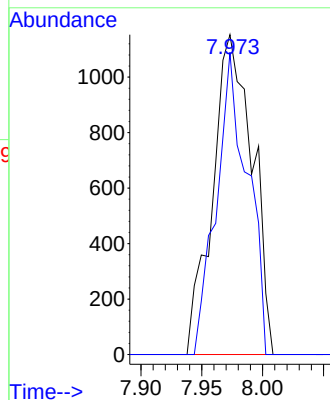
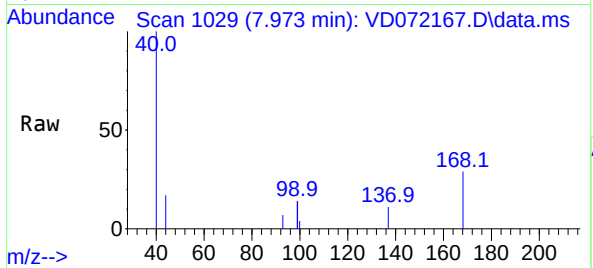




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

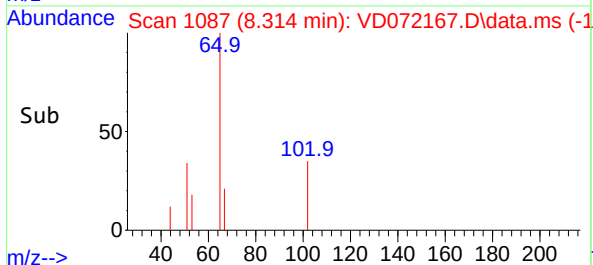
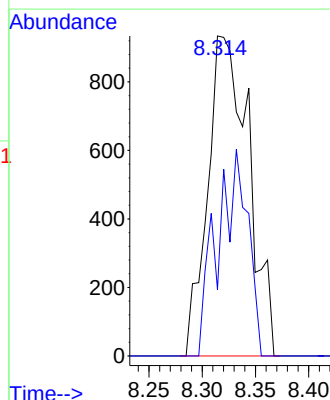
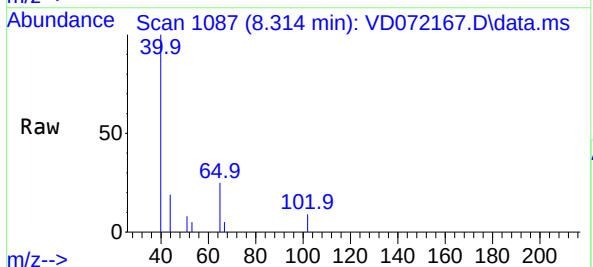
Instrument :
MSVOA_D
ClientSampleId :
DUM-35

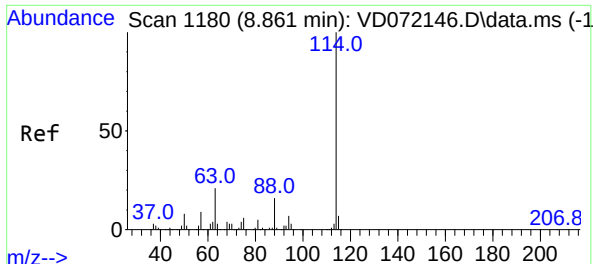
Tgt Ion:168 Resp: 2622
Ion Ratio Lower Upper
168 100
99 94.4 49.8 74.6#



#33
1,2-Dichloroethane-d4
Concen: 85.693 ug/l
RT: 8.314 min Scan# 1087
Delta R.T. -0.012 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

Tgt Ion: 65 Resp: 2504
Ion Ratio Lower Upper
65 100
67 47.7 0.0 101.4

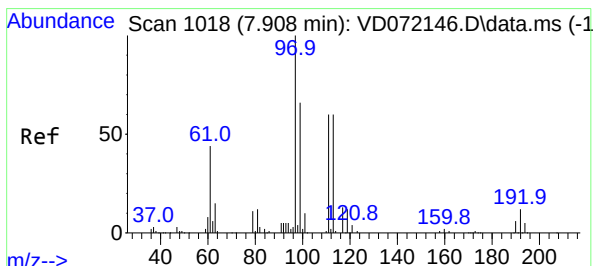
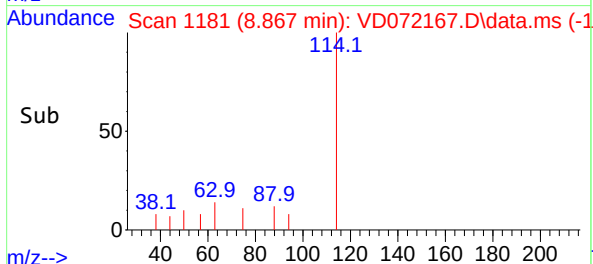
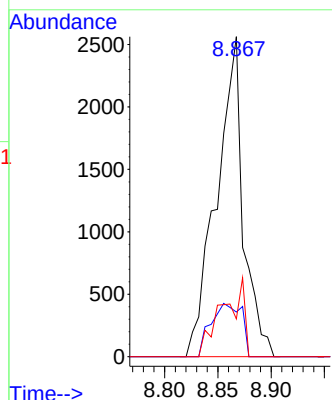
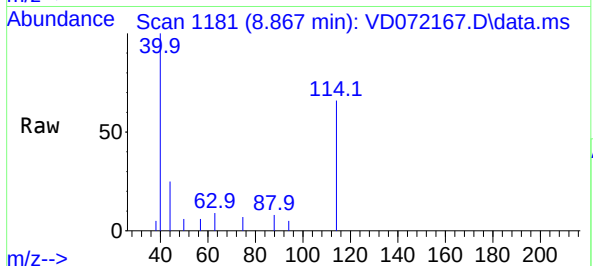




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

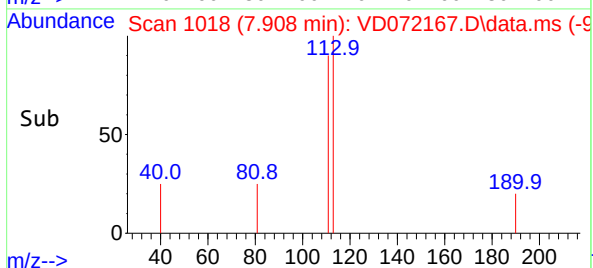
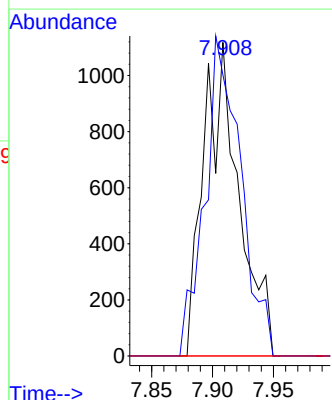
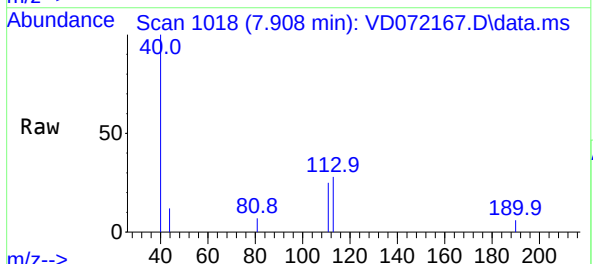
Instrument :
MSVOA_D
ClientSampleId :
DUM-35

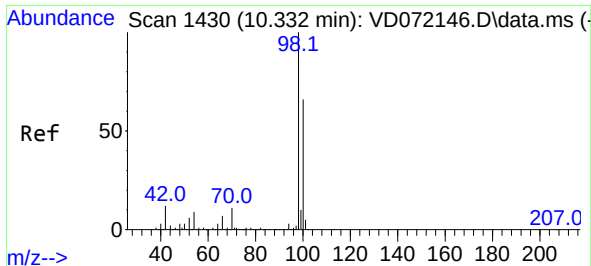
Tgt Ion:	114	Resp:	4471
Ion	Ratio	Lower	Upper
114	100		
63	13.9	0.0	46.6
88	11.8	0.0	33.2



#35
Dibromofluoromethane
Concen: 71.608 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

Tgt Ion:	113	Resp:	2253
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.8	125.6
192	0.0	14.6	21.8

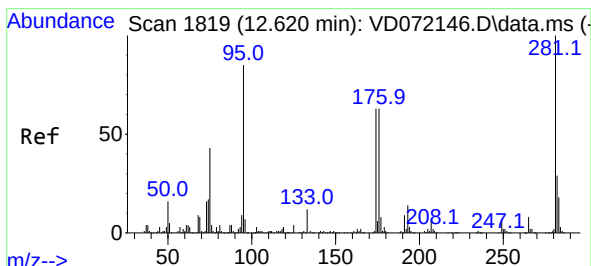
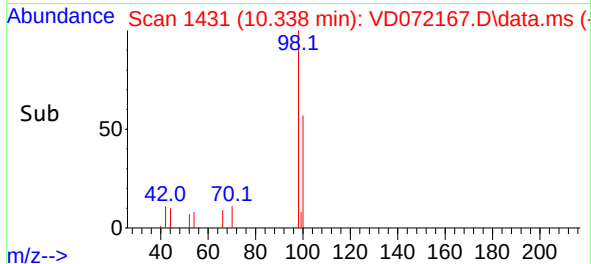
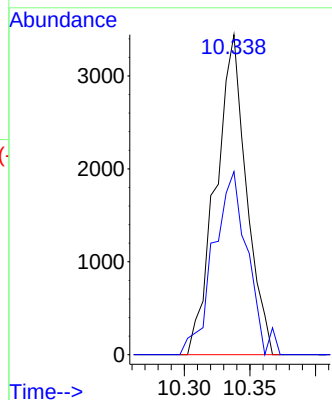
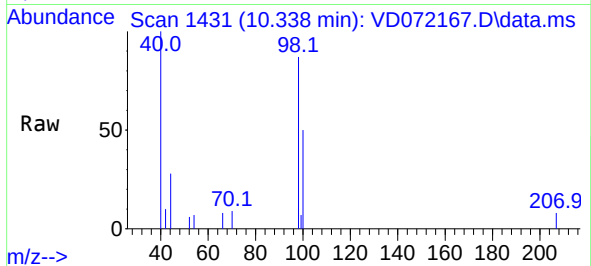




#50
Toluene-d8
Concen: 48.747 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

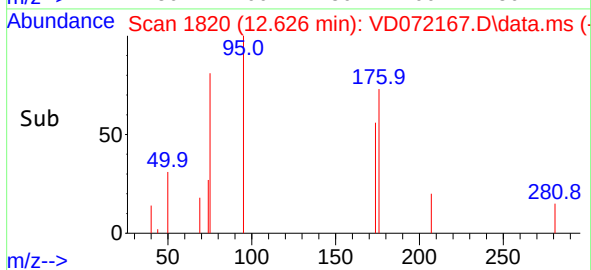
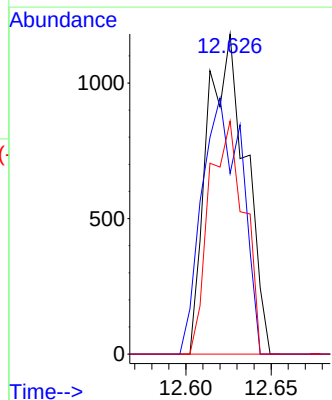
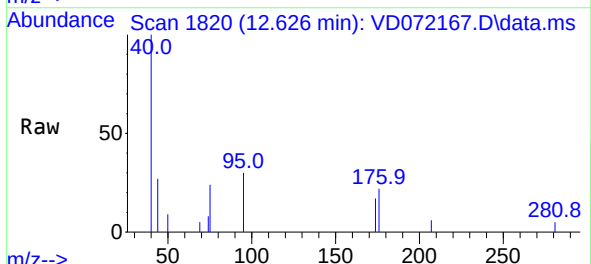
Instrument :
MSVOA_D
ClientSampleId :
DUM-35

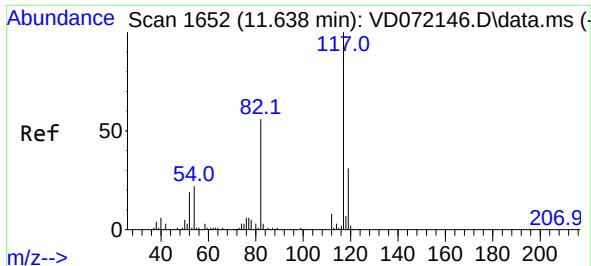
Tgt Ion: 98 Resp: 5608
Ion Ratio Lower Upper
98 100
100 63.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 41.498 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

Tgt Ion: 95 Resp: 1855
Ion Ratio Lower Upper
95 100
174 83.0 0.0 152.8
176 66.1 0.0 145.4

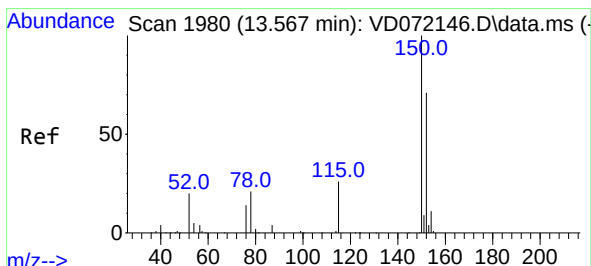
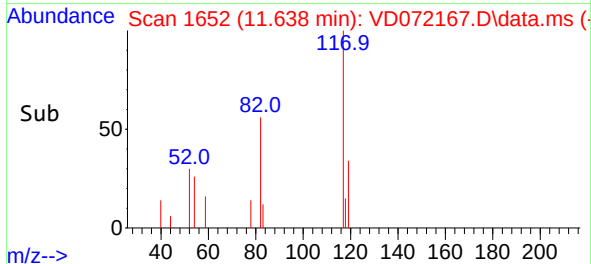
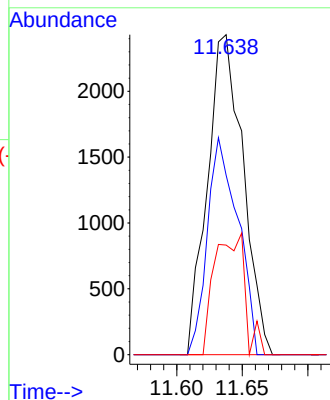
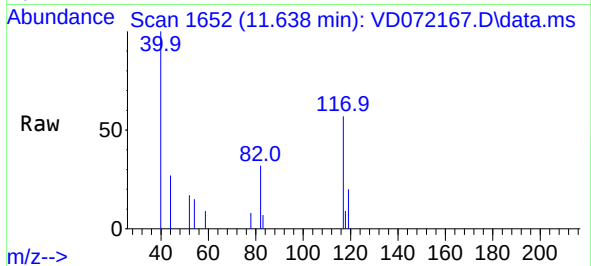




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

Instrument :
MSVOA_D
ClientSampleId :
DUM-35

Tgt Ion:	117	Resp:	4604
Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.3	67.9
119	34.2	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: VD072167.D
Acq: 14 Mar 2022 14:37

Tgt Ion:	152	Resp:	1822
Ion	Ratio	Lower	Upper
152	100		
115	56.9	31.3	93.8
150	164.3	0.0	348.6

