

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033022\
 Data File : VD072481.D
 Acq On : 30 Mar 2022 16:12
 Operator : VA/SY
 Sample : N2102-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-32422

Quant Time: Mar 31 03:09:40 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	7.985	168	7642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	13231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	16381	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	6761	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	6202	67.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.180%
35) Dibromofluoromethane	7.909	113	5698	55.415	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.840%
50) Toluene-d8	10.338	98	16041	44.880	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.760%
62) 4-Bromofluorobenzene	12.626	95	6734	48.242	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.480%

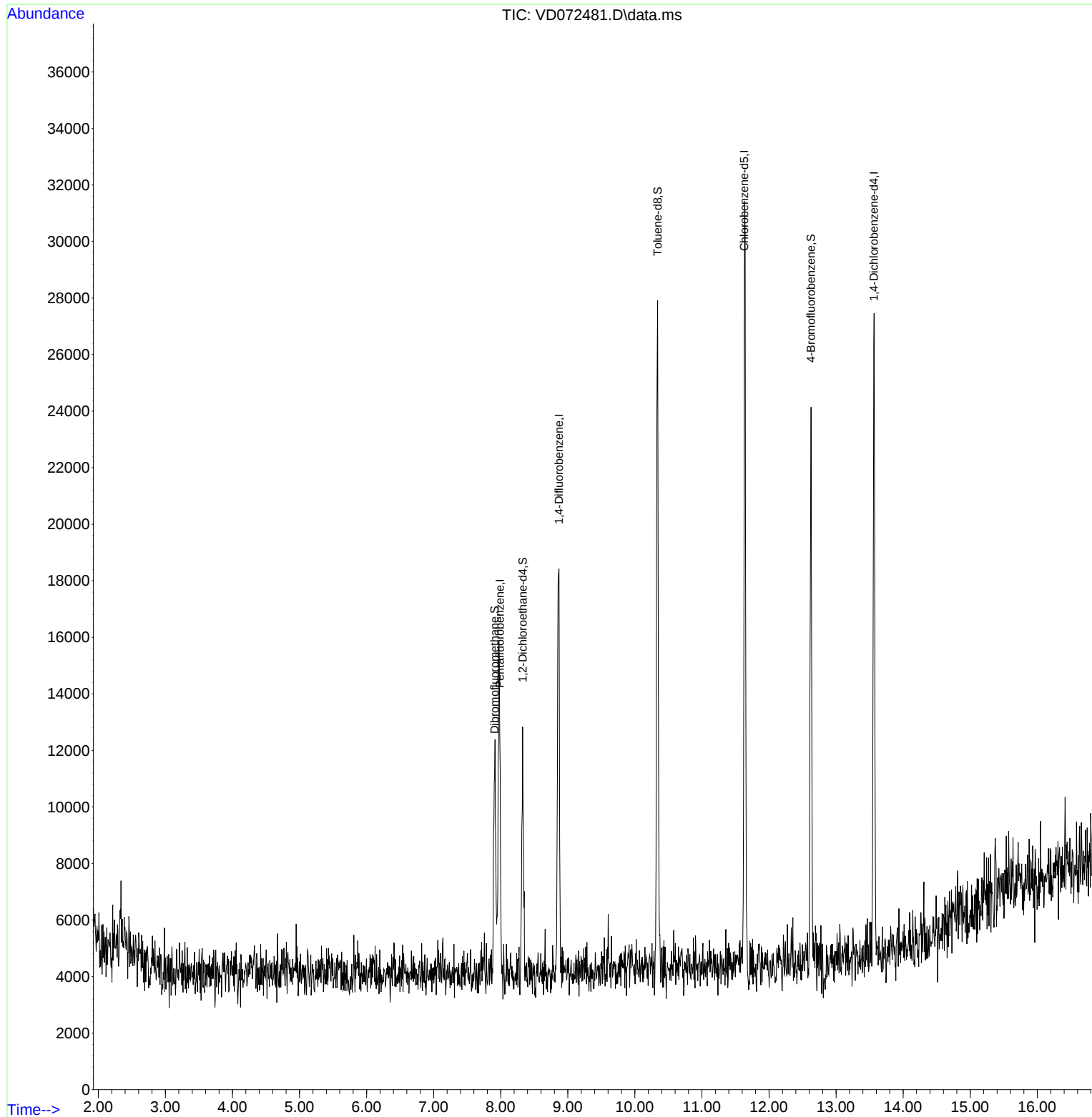
Target Compounds	Qvalue

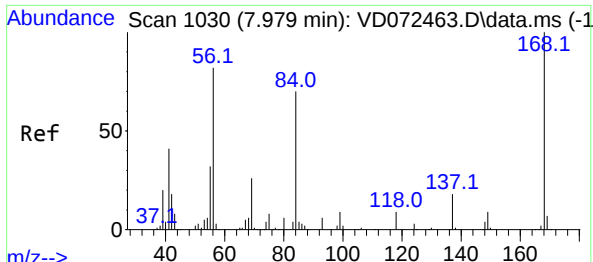
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VD072481.D

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Instrument :

MSVOA_D

ClientSampleId :

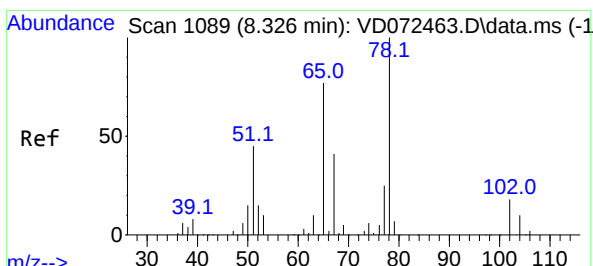
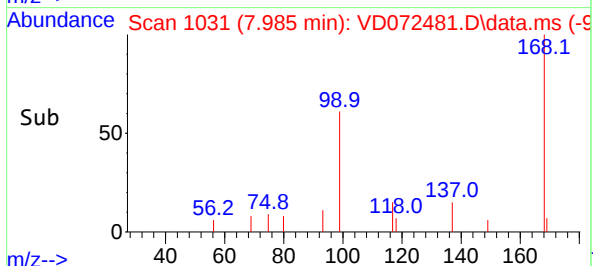
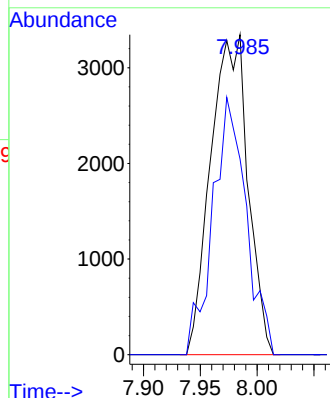
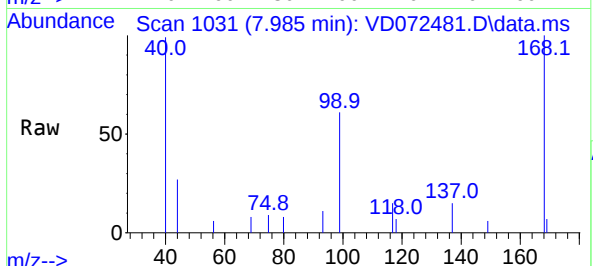
HD-02-32422

Tgt Ion:168 Resp: 7642

Ion Ratio Lower Upper

168 100

99 61.1 49.8 74.6



1,2-Dichloroethane-d4

Concen: 67.089 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072481.D

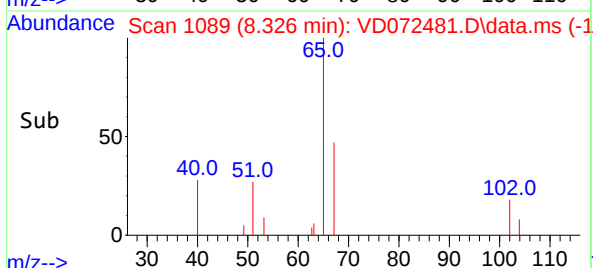
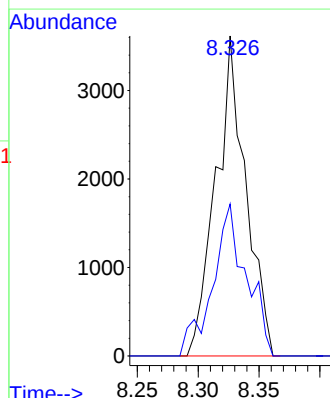
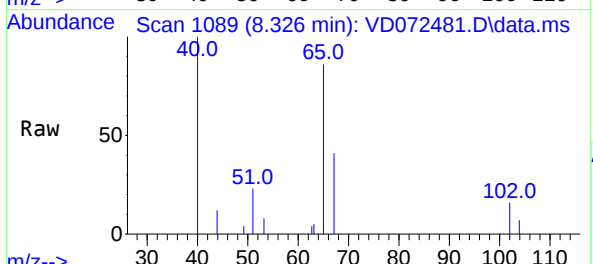
Acq: 30 Mar 2022 16:12

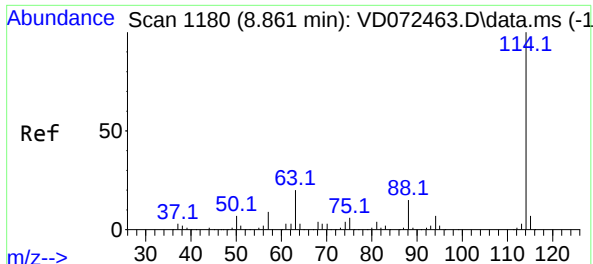
Tgt Ion: 65 Resp: 6202

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.4



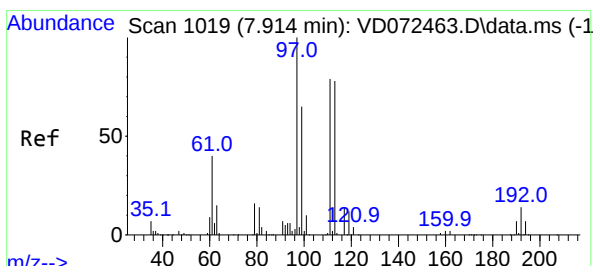
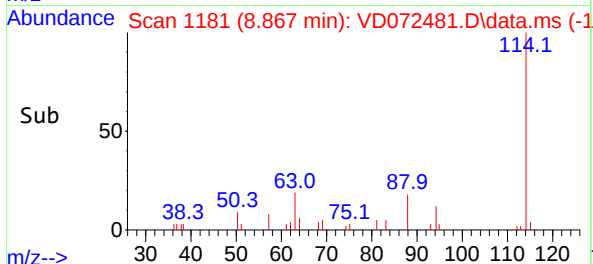
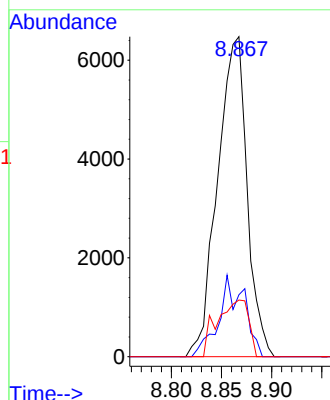
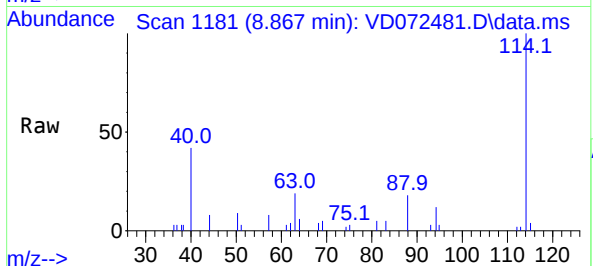


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :
HD-02-32422

Tgt Ion:114 Resp: 13231

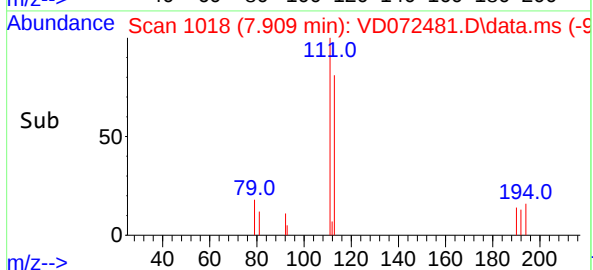
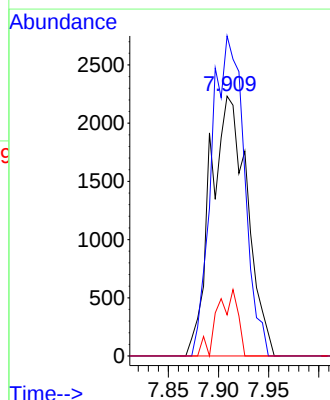
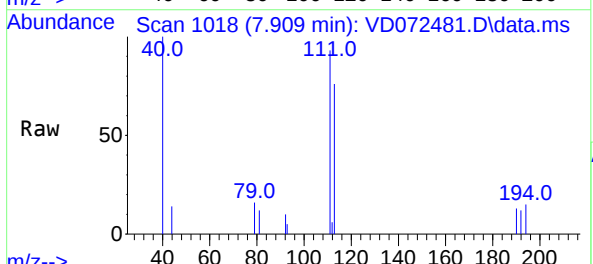
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	46.6
88	17.7	0.0	33.2



#35
Dibromofluoromethane
Concen: 55.415 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

Tgt Ion:113 Resp: 5698

Ion	Ratio	Lower	Upper
113	100		
111	109.0	83.8	125.6
192	14.2	14.6	21.8

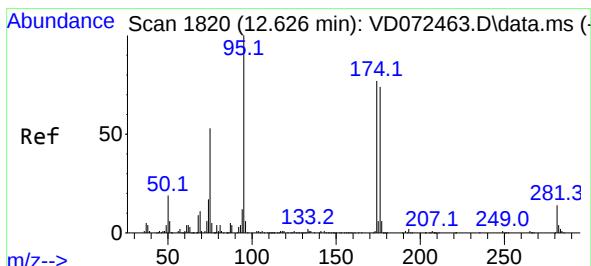
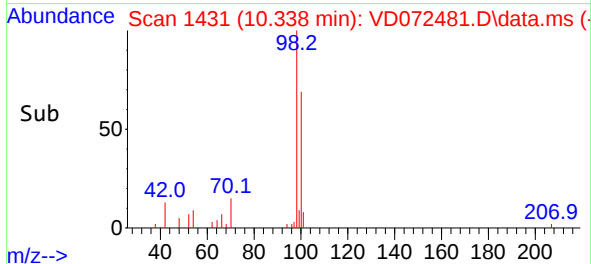
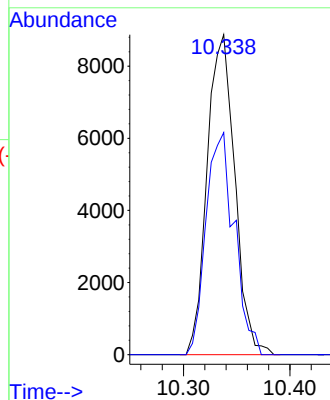
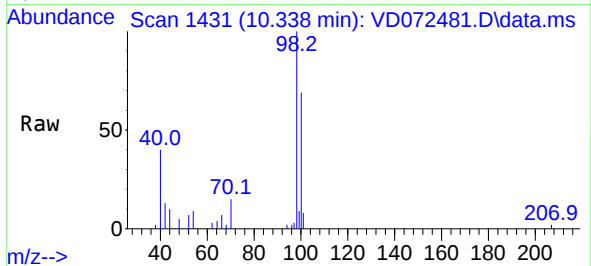




#50
Toluene-d8
Concen: 44.880 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

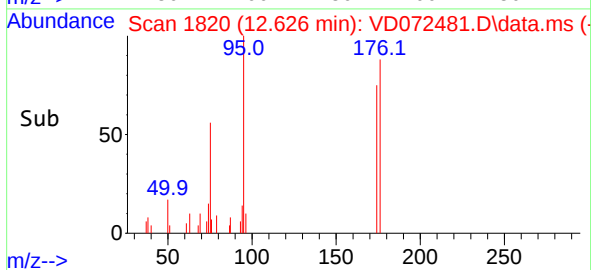
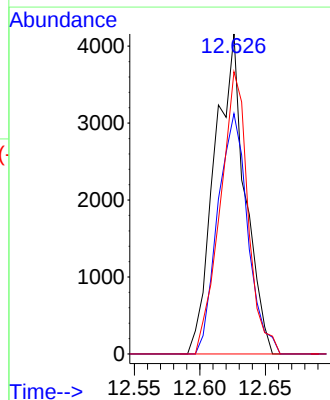
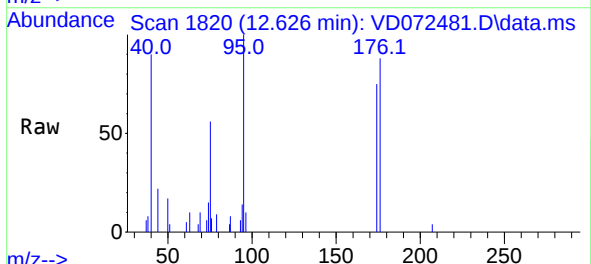
Instrument :
MSVOA_D
ClientSampleId :
HD-02-32422

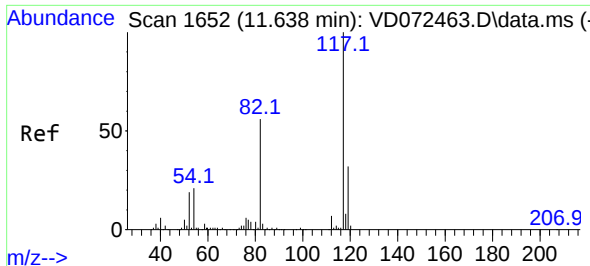
Tgt Ion: 98 Resp: 16041
Ion Ratio Lower Upper
98 100
100 71.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.242 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

Tgt Ion: 95 Resp: 6734
Ion Ratio Lower Upper
95 100
174 73.8 0.0 152.8
176 80.2 0.0 145.4

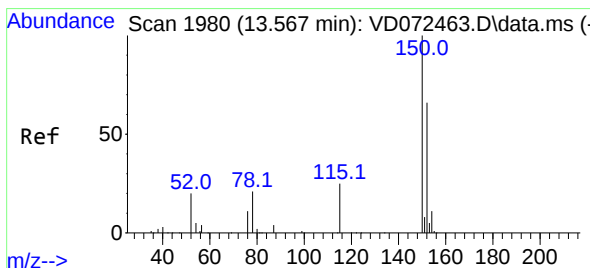
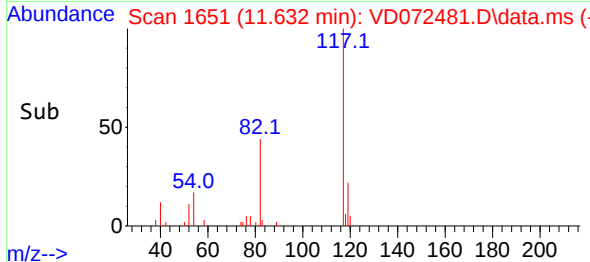
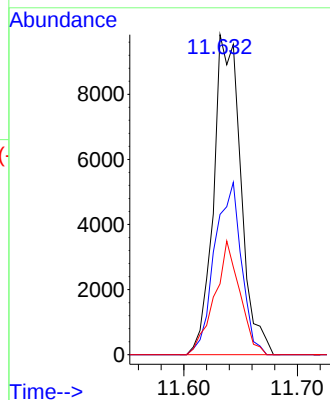
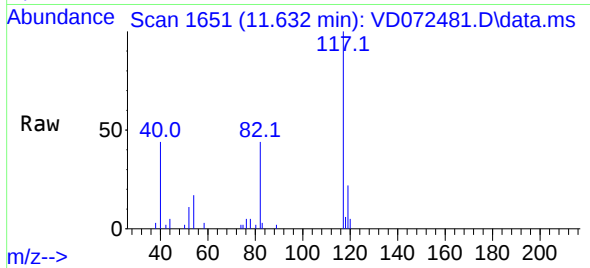




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD072481.D
Acq: 30 Mar 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :
HD-02-32422

Tgt Ion:117	Resp:	16381
Ion	Ratio	Lower Upper
117	100	
82	43.8	45.3 67.9#
119	22.2	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: VD072481.D
Acq: 30 Mar 2022 16:12

Tgt Ion:152	Resp:	6761
Ion	Ratio	Lower Upper
152	100	
115	61.2	31.3 93.8
150	138.4	0.0 348.6

