

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072983.D
 Acq On : 13 May 2022 09:08
 Operator : VA/SY
 Sample : N2817-19
 Misc : 5.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-1824-01

Quant Time: May 13 09:21:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	317898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	570435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	546576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	208874	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	185056	44.845	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.700%
35) Dibromofluoromethane	7.908	113	190453	47.539	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.080%
50) Toluene-d8	10.332	98	699305	48.662	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.320%
62) 4-Bromofluorobenzene	12.620	95	236317	44.102	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.200%

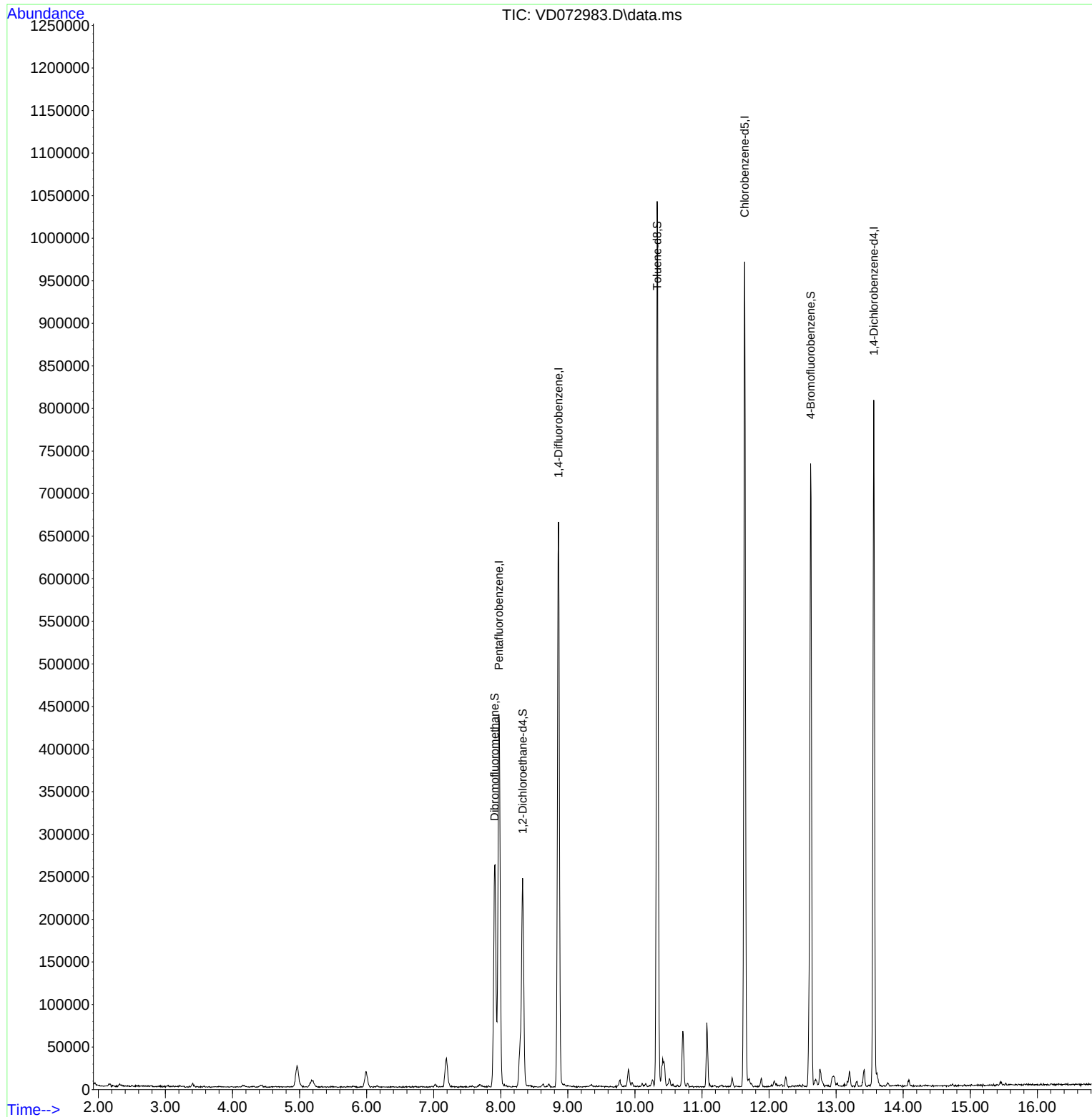
Target Compounds	Qvalue

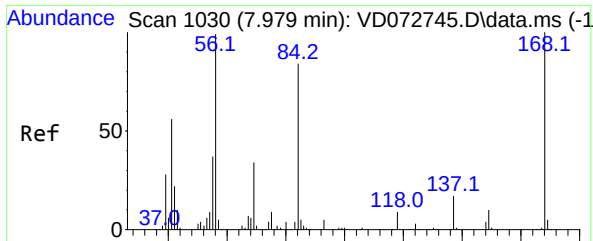
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072983.D

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Instrument :

MSVOA_D

ClientSampleId :

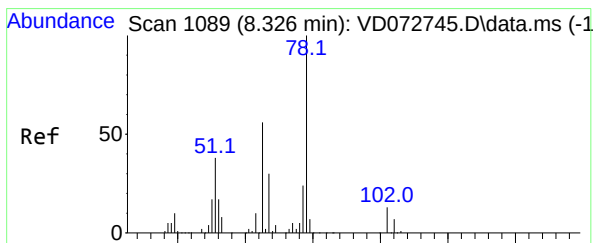
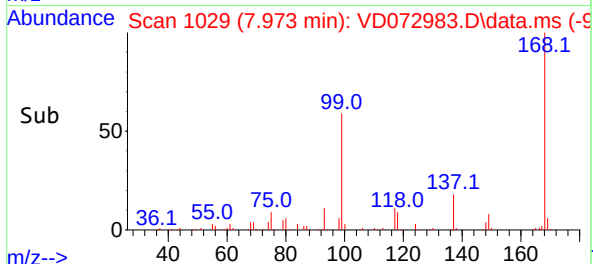
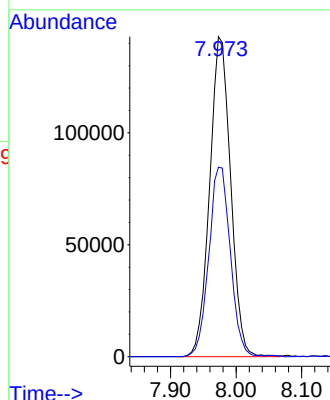
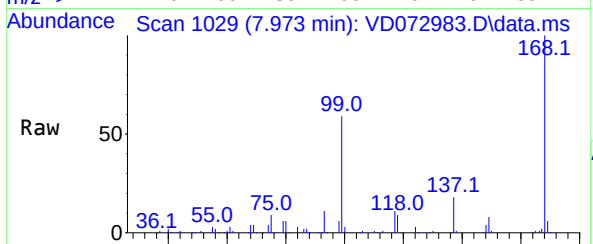
P026-SS001-1824-01

Tgt Ion:168 Resp: 317898

Ion Ratio Lower Upper

168 100

99 59.2 49.8 74.6



1,2-Dichloroethane-d4

Concen: 44.845 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072983.D

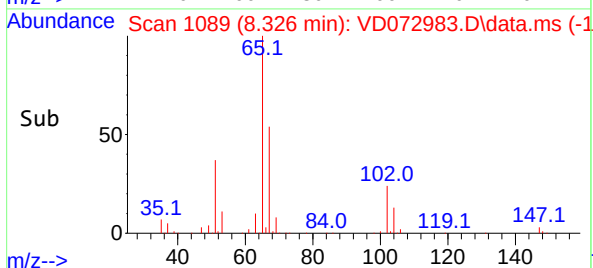
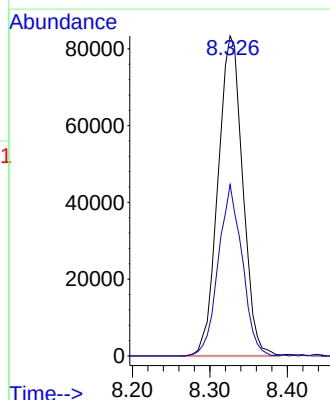
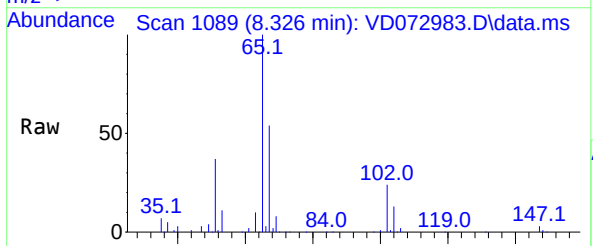
Acq: 13 May 2022 09:08

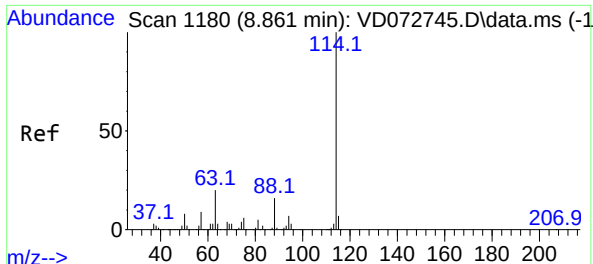
Tgt Ion: 65 Resp: 185056

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.4

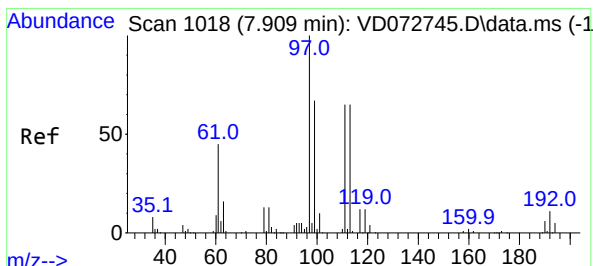
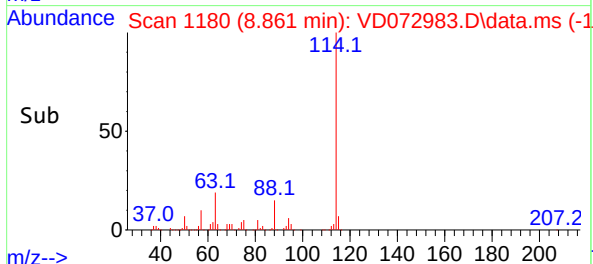
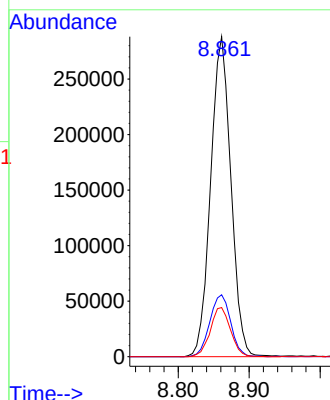
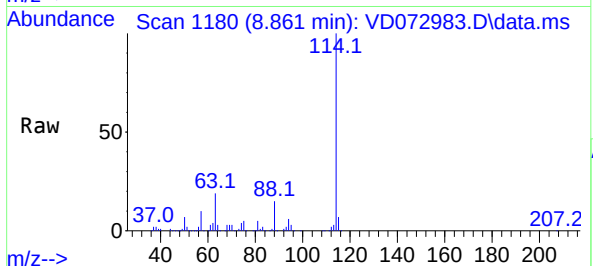




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072983.D
Acq: 13 May 2022 09:08

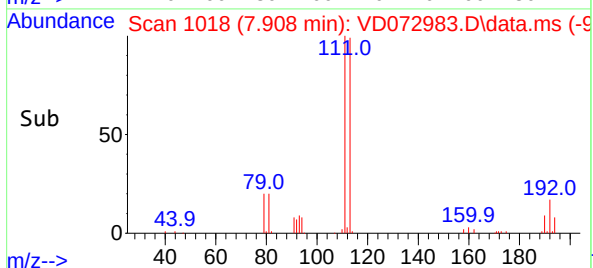
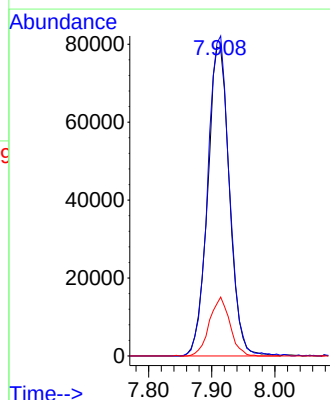
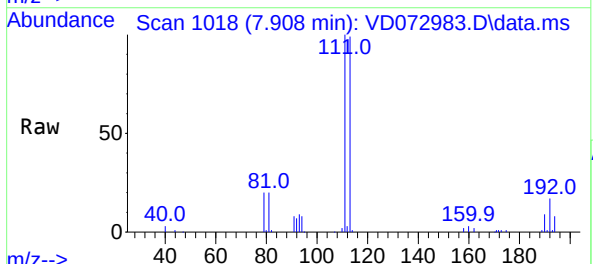
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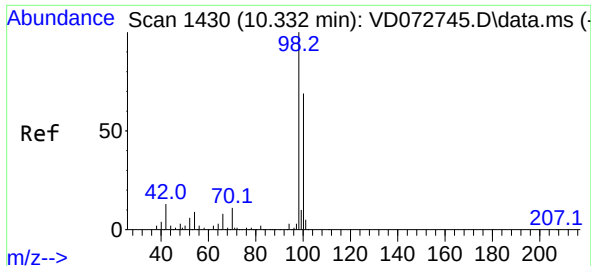
Tgt Ion:	114	Resp:	570435
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	46.6
88	15.4	0.0	33.2



#35
Dibromofluoromethane
Concen: 47.539 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072983.D
Acq: 13 May 2022 09:08

Tgt Ion:	113	Resp:	190453
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.8	125.6
192	17.8	14.6	21.8

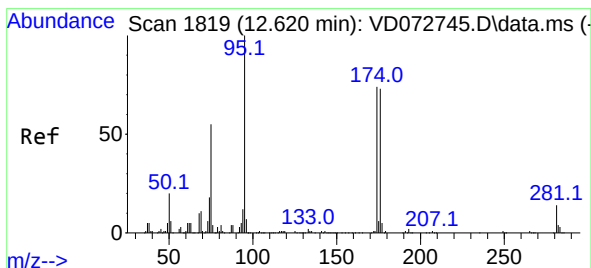
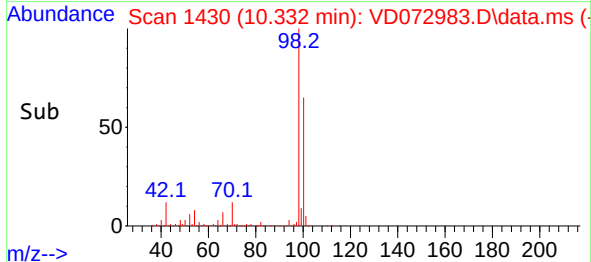
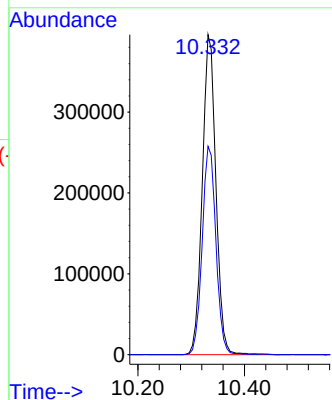
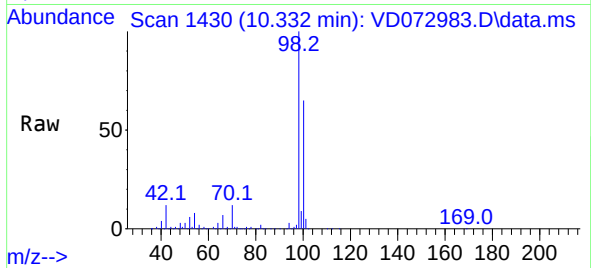




#50
Toluene-d8
Concen: 48.662 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072983.D
Acq: 13 May 2022 09:08

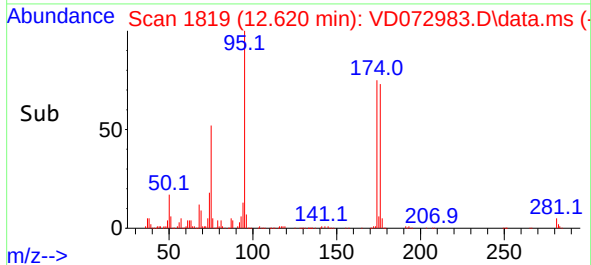
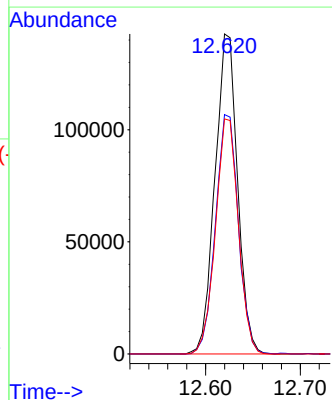
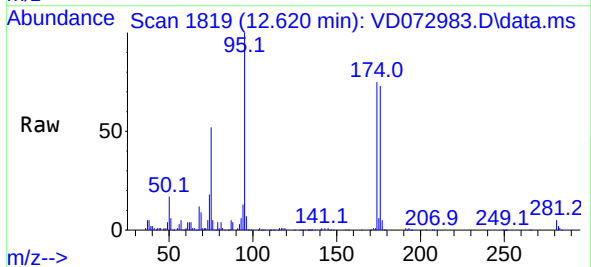
Instrument :
MSVOA_D
ClientSampleId :
P026-SS001-1824-01

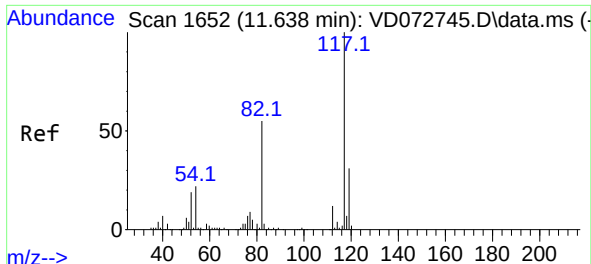
Tgt Ion: 98 Resp: 699305
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.102 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072983.D
Acq: 13 May 2022 09:08

Tgt Ion: 95 Resp: 236317
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.8
176 74.4 0.0 145.4

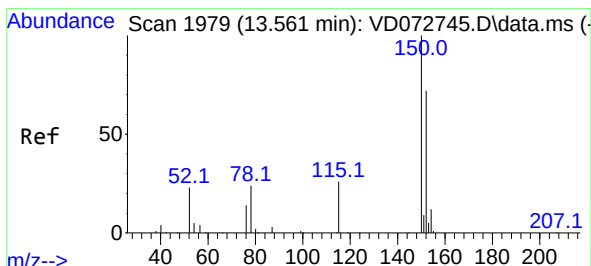
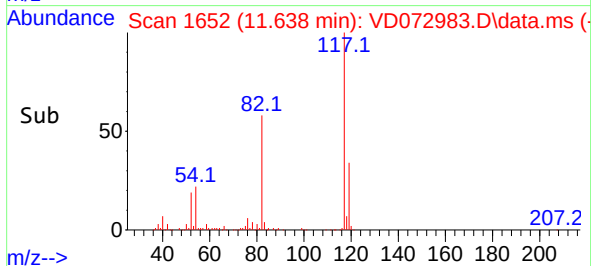
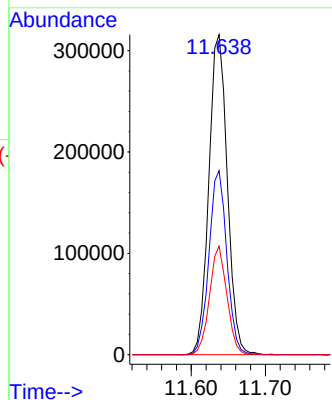
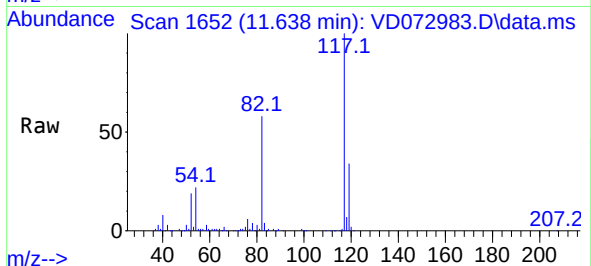




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072983.D
Acq: 13 May 2022 09:08

Instrument :
MSVOA_D
ClientSampleId :
P026-SS001-1824-01

Tgt Ion:	117	Resp:	546576
Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.3	67.9
119	33.9	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072983.D
Acq: 13 May 2022 09:08

Tgt Ion:	152	Resp:	208874
Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.3	93.8
150	158.0	0.0	348.6

