

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
 Data File : VD072602.D
 Acq On : 18 Apr 2022 17:22
 Operator : VA/SY
 Sample : N2444-03
 Misc : 4.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3

Quant Time: Apr 19 02:51:50 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	7.979	168	374009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	738020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	725771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	334484	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	246595	54.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.000%
35) Dibromofluoromethane	7.908	113	249964	43.582	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.160%
50) Toluene-d8	10.332	98	894142	44.849	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.700%
62) 4-Bromofluorobenzene	12.620	95	314362	40.374	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.740%

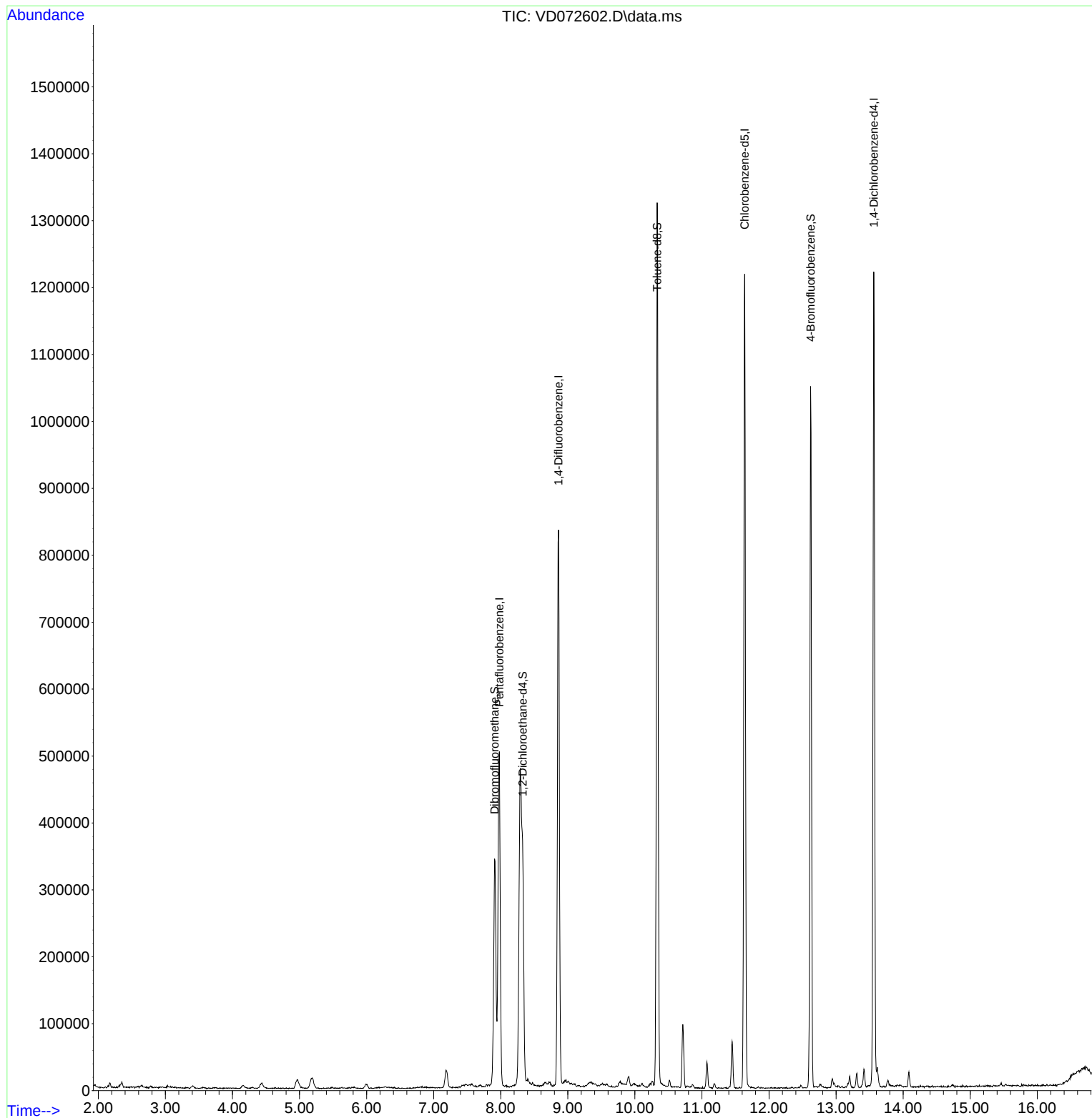
Target Compounds	Qvalue

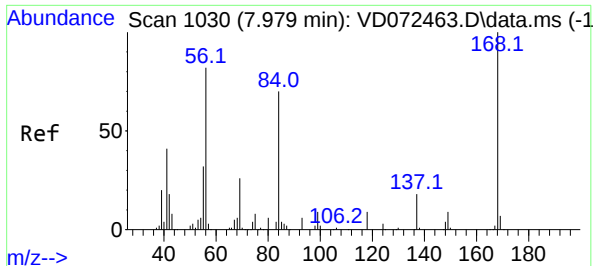
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD072602.D

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Instrument :

MSVOA_D

ClientSampleId :

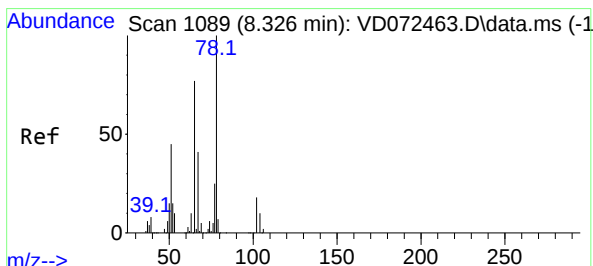
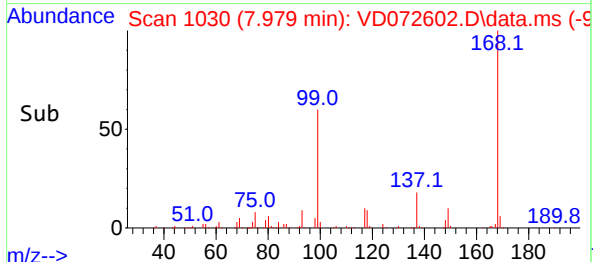
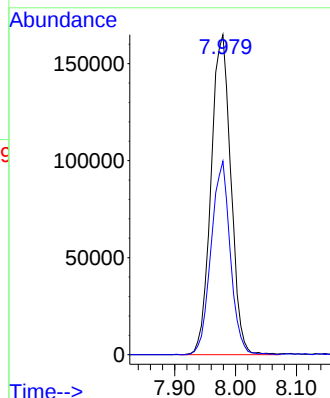
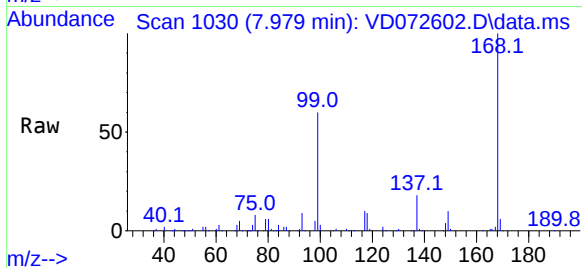
SB-3

Tgt Ion:168 Resp: 374009

Ion Ratio Lower Upper

168 100

99 60.5 49.8 74.6



1,2-Dichloroethane-d4

Concen: 54.504 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072602.D

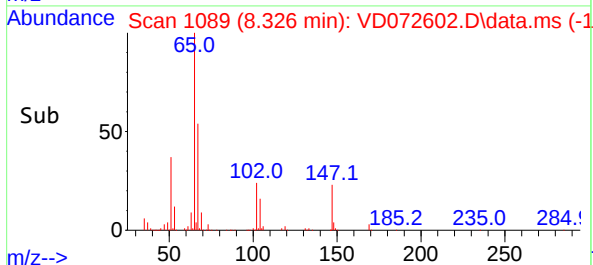
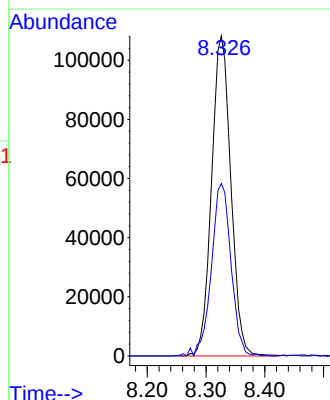
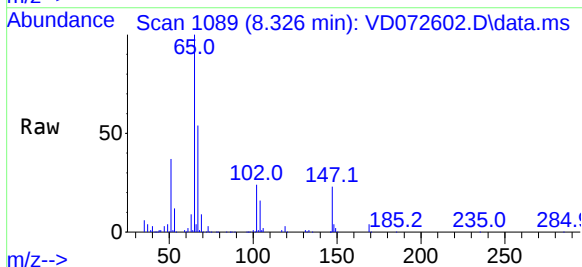
Acq: 18 Apr 2022 17:22

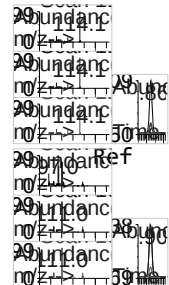
Tgt Ion: 65 Resp: 246595

Ion Ratio Lower Upper

65 100

67 54.9 0.0 101.4





Raw

Sub

Ref

Raw

Sub

#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.861 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD072602.D
 Acq: 18 Apr 2022 17:22

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3

Tgt Ion:	114	Resp:	738020
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	46.6
88	14.9	0.0	33.2

#35
 Dibromofluoromethane
 Concen: 43.582 ug/l
 RT: 7.908 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VD072602.D
 Acq: 18 Apr 2022 17:22

Tgt Ion:	113	Resp:	249964
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.8	125.6
192	18.1	14.6	21.8



#50
Toluene-d8
Concen: 44.849 ug/l
RT: 10.332 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD072602.D
Acq: 18 Apr 2022 17:22

Instrument :
MSVOA_D
ClientSampleId :
SB-3

Tgt Ion: 98 Resp: 894142
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

Raw

Sub

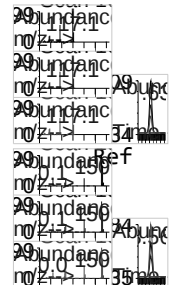
Ref

#62
4-Bromofluorobenzene
Concen: 40.374 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072602.D
Acq: 18 Apr 2022 17:22

Tgt Ion: 95 Resp: 314362
Ion Ratio Lower Upper
95 100
174 79.1 0.0 152.8
176 73.8 0.0 145.4

Raw

Sub



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.638 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: VD072602.D
 Acq: 18 Apr 2022 17:22

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3

Tgt Ion:	117	Resp:	725771
Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.3	67.9
119	32.3	26.6	40.0

Raw

Sub

Ref

#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD072602.D
 Acq: 18 Apr 2022 17:22

Tgt Ion:	152	Resp:	334484
Ion	Ratio	Lower	Upper
152	100		
115	60.0	31.3	93.8
150	155.3	0.0	348.6

Raw

Sub