

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050721\
 Data File : VD069105.D
 Acq On : 07 May 2021 16:23
 Operator : VA/SY
 Sample : M2329-01
 Misc : 5.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1

Quant Time: May 08 00:08:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

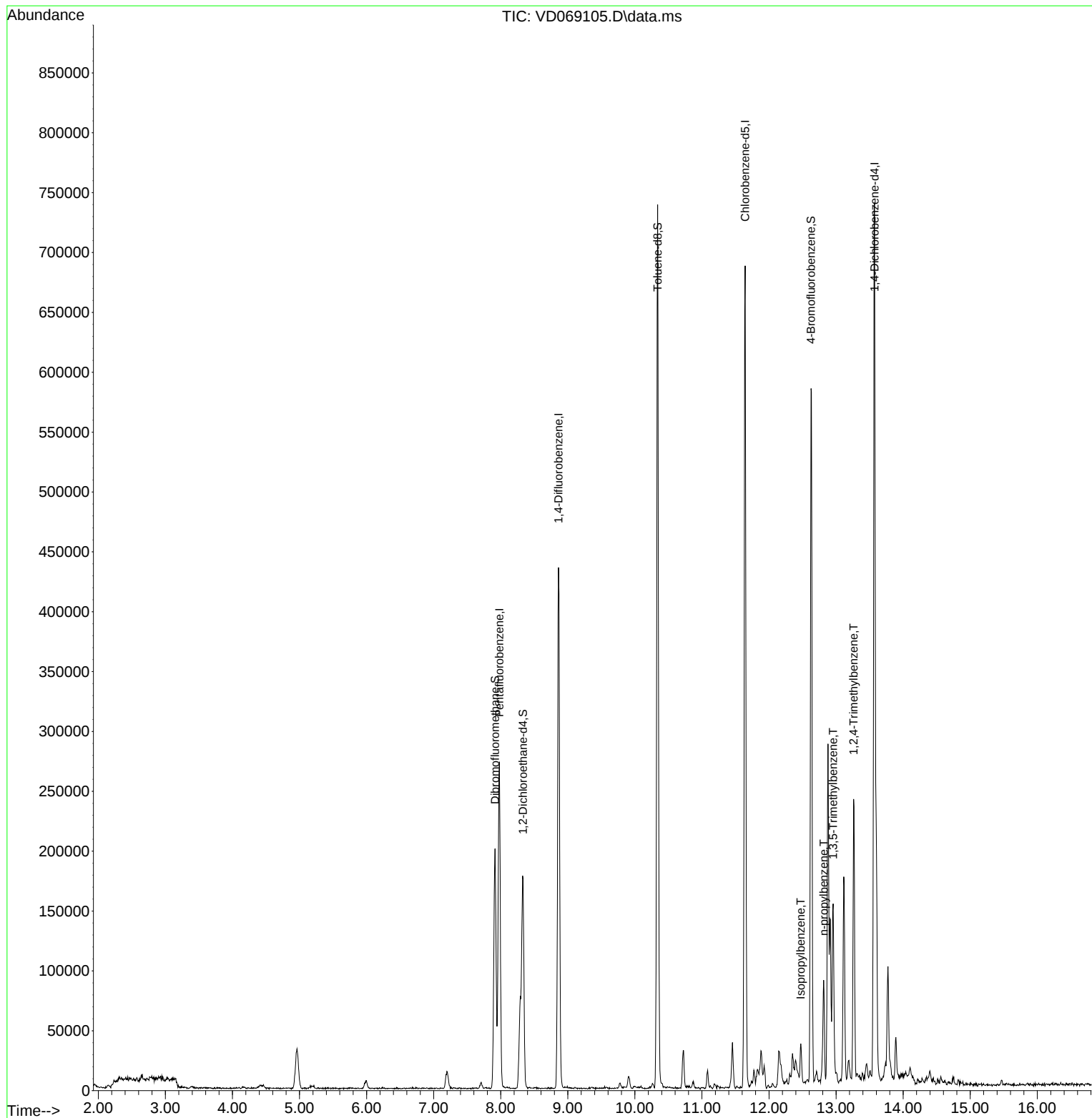
Internal Standards						
1) Pentafluorobenzene	7.979	168	197472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	388895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	403615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	199092	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	139381	54.77	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.54%	
35) Dibromofluoromethane	7.914	113	142305	53.36	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.72%	
50) Toluene-d8	10.338	98	506096	51.40	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.80%	
62) 4-Bromofluorobenzene	12.626	95	180773	55.82	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.64%	
Target Compounds						Qvalue
73) Isopropylbenzene	12.473	105	18985	1.38	ug/l	94
78) n-propylbenzene	12.814	91	62978	3.72	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	66156	5.64	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	133440	11.38	ug/l	99

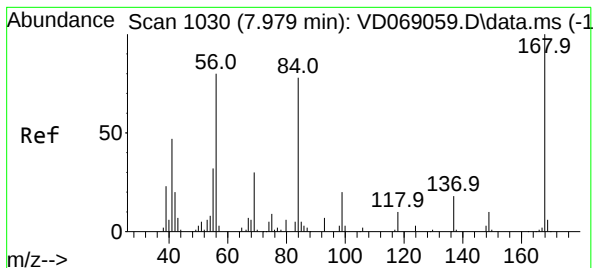
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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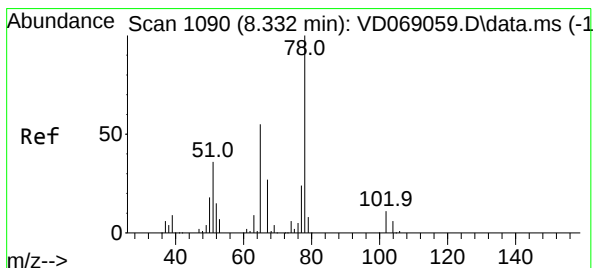
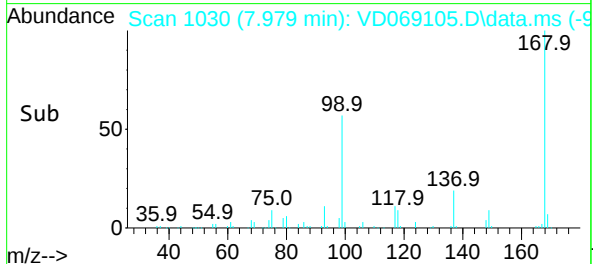
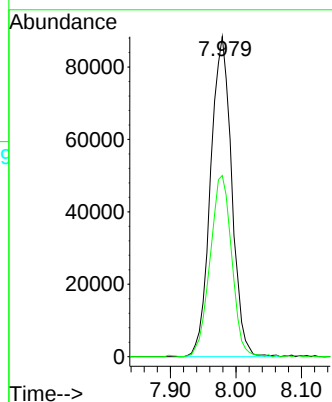
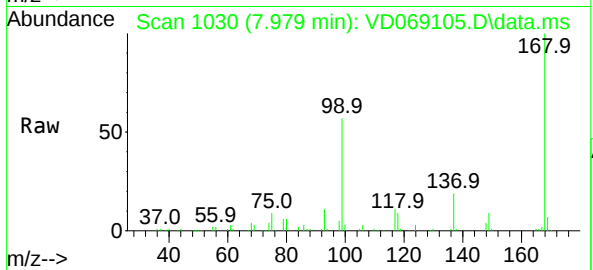




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069105.D
Acq: 07 May 2021 16:23

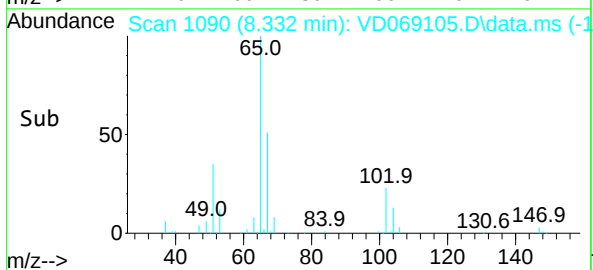
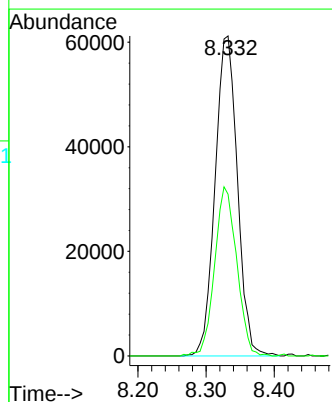
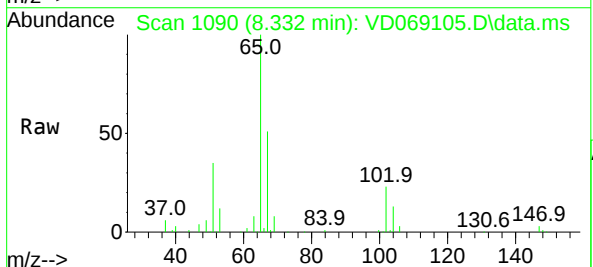
Instrument :
MSVOA_D
ClientSampleId :
SB-1

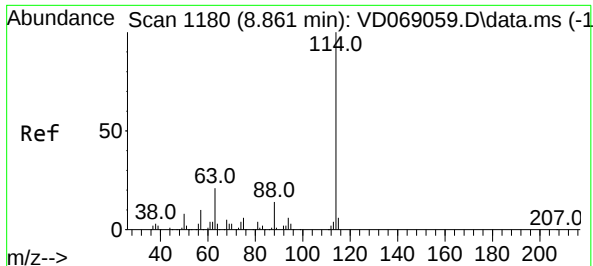
Tgt Ion:168 Resp: 197472
Ion Ratio Lower Upper
168 100
99 56.6 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 54.77 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069105.D
Acq: 07 May 2021 16:23

Tgt Ion: 65 Resp: 139381
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD069105.D

Acq: 07 May 2021 16:23

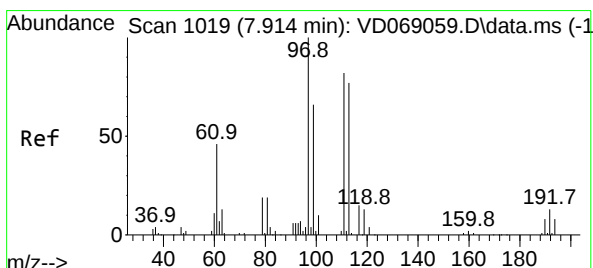
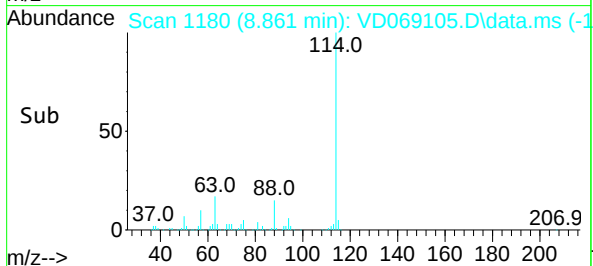
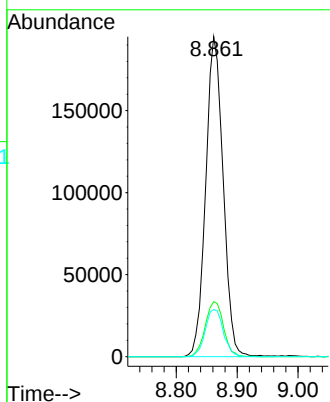
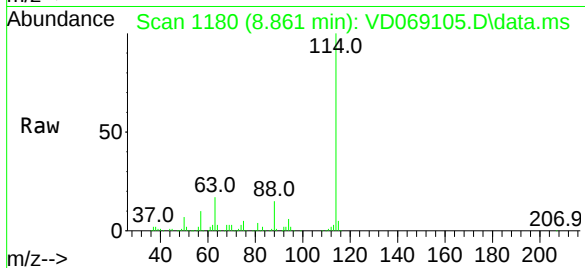
Instrument :

MSVOA_D

ClientSampleId :

SB-1

Tgt Ion:	114	Resp:	388895
Ion Ratio	Lower	Upper	
114	100		
63	17.2	0.0	41.4
88	14.8	0.0	27.8



#35

Dibromofluoromethane

Concen: 53.36 ug/l

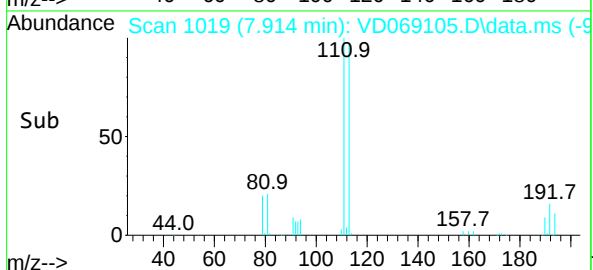
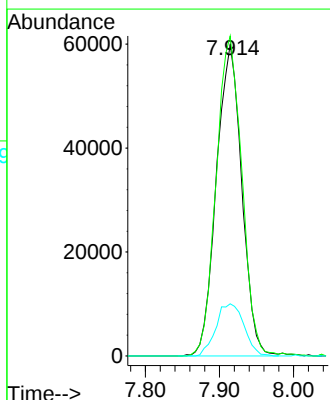
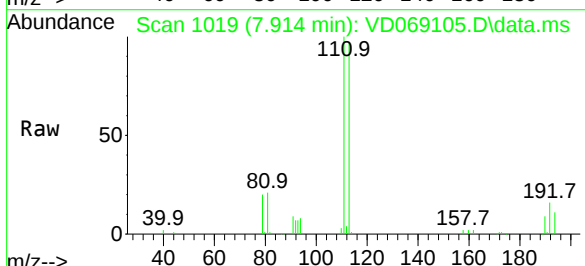
RT: 7.914 min Scan# 1019

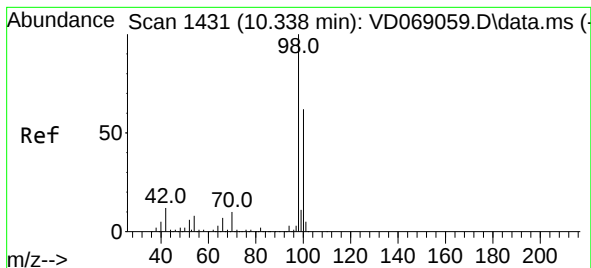
Delta R.T. 0.000 min

Lab File: VD069105.D

Acq: 07 May 2021 16:23

Tgt Ion:	113	Resp:	142305
Ion Ratio	Lower	Upper	
113	100		
111	104.3	84.6	126.8
192	18.5	13.5	20.3

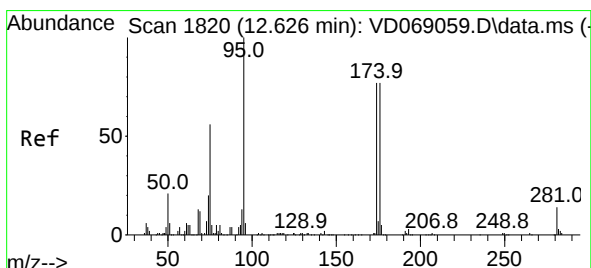
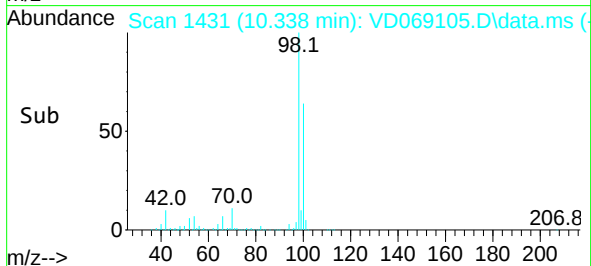
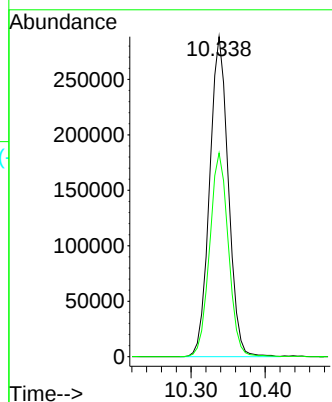
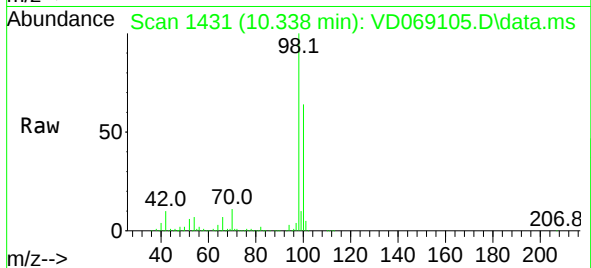




#50
Toluene-d8
Concen: 51.40 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069105.D
Acq: 07 May 2021 16:23

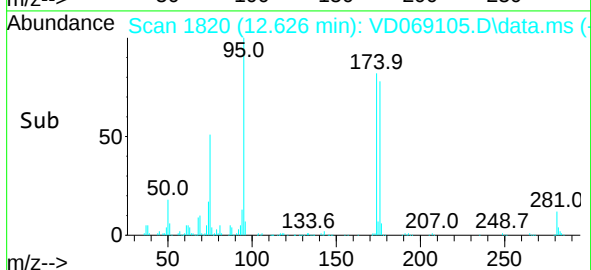
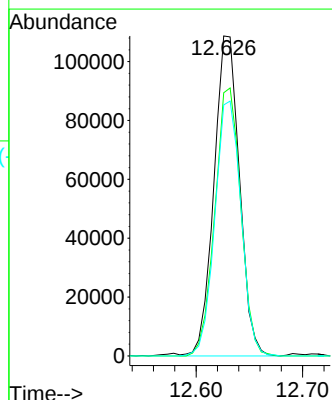
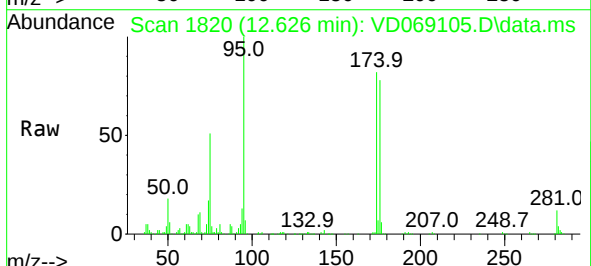
Instrument :
MSVOA_D
ClientSampleId :
SB-1

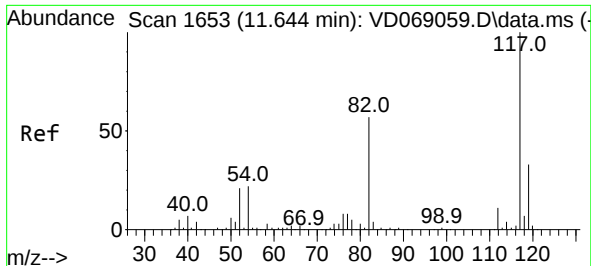
Tgt Ion: 98 Resp: 506096
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 55.82 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069105.D
Acq: 07 May 2021 16:23

Tgt Ion: 95 Resp: 180773
Ion Ratio Lower Upper
95 100
174 84.8 0.0 156.0
176 81.3 0.0 149.4

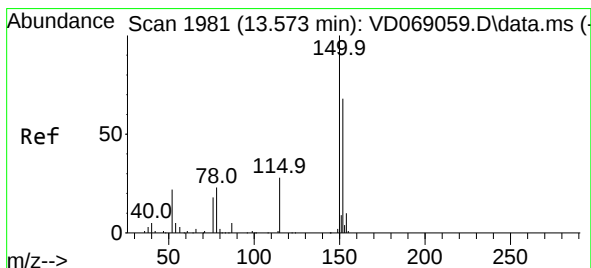
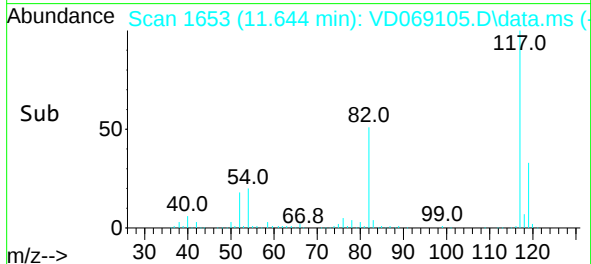
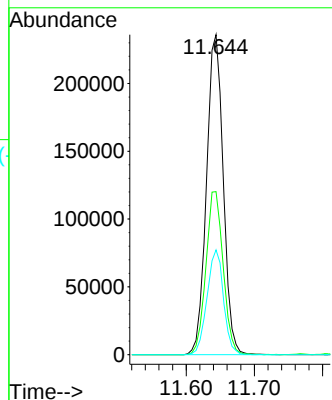
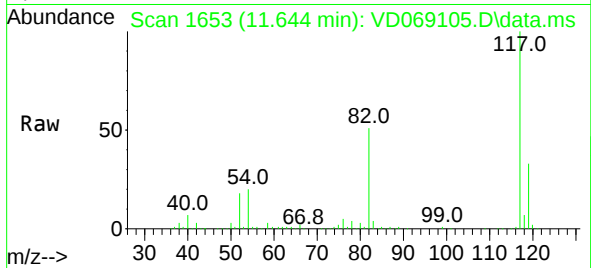




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069105.D
Acq: 07 May 2021 16:23

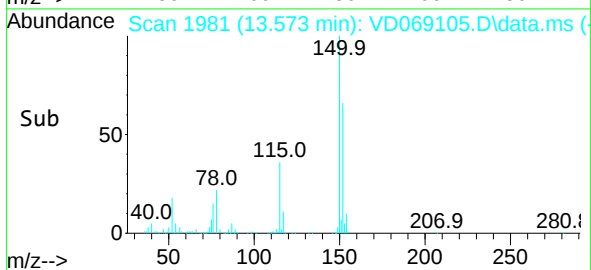
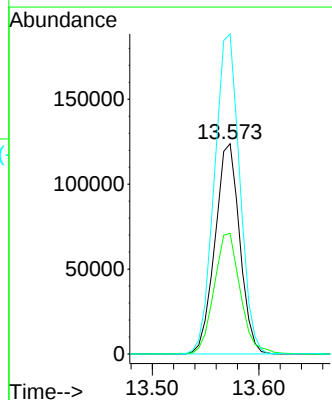
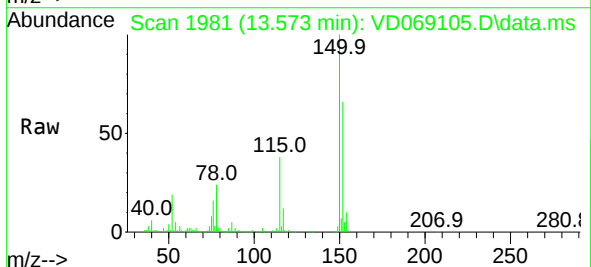
Instrument :
MSVOA_D
ClientSampleId :
SB-1

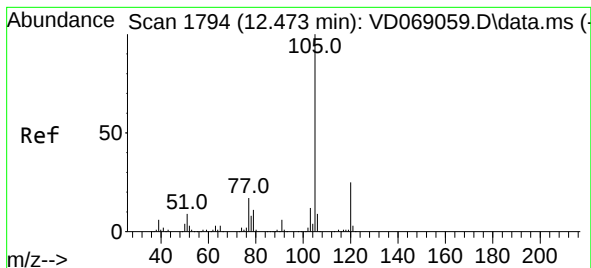
Tgt Ion:117 Resp: 403615
Ion Ratio Lower Upper
117 100
82 51.0 45.4 68.2
119 32.7 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069105.D
Acq: 07 May 2021 16:23

Tgt Ion:152 Resp: 199092
Ion Ratio Lower Upper
152 100
115 61.2 30.5 91.5
150 156.0 0.0 340.8





#73

Isopropylbenzene

Concen: 1.38 ug/l

RT: 12.473 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VD069105.D

Acq: 07 May 2021 16:23

Tgt Ion:105 Resp: 18985

Ion Ratio Lower Upper

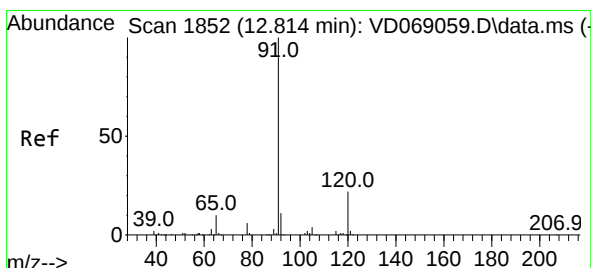
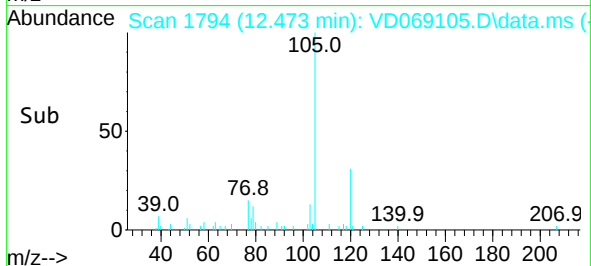
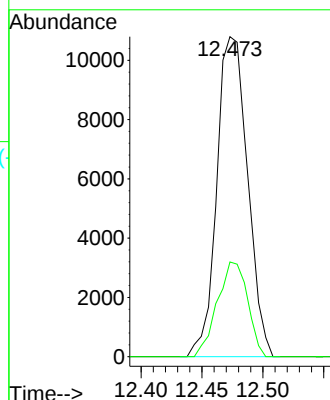
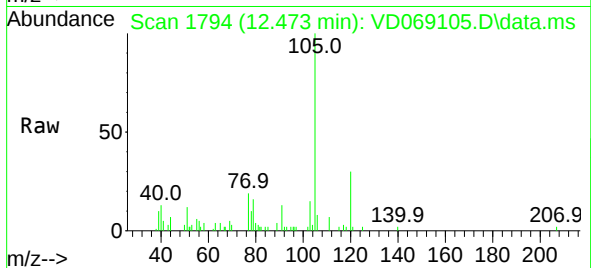
Ion	Ratio	Lower	Upper
105	100		
120	29.1	13.1	39.1

Instrument :

MSVOA_D

ClientSampleId :

SB-1



#78

n-propylbenzene

Concen: 3.72 ug/l

RT: 12.814 min Scan# 1852

Delta R.T. 0.000 min

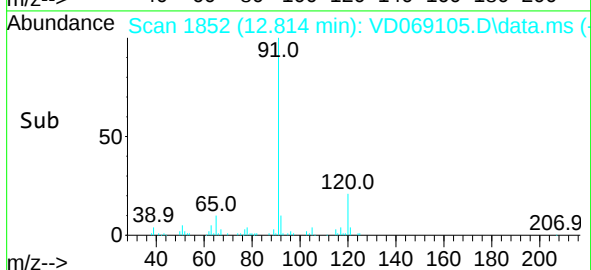
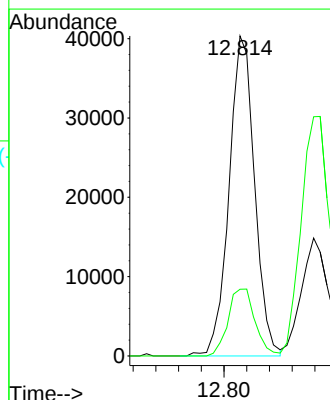
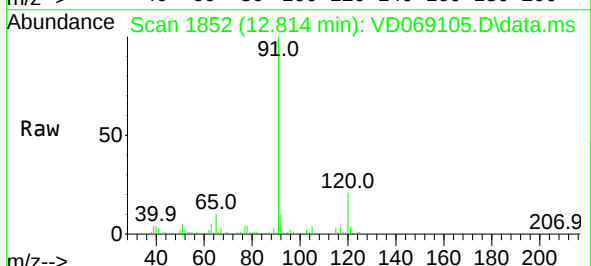
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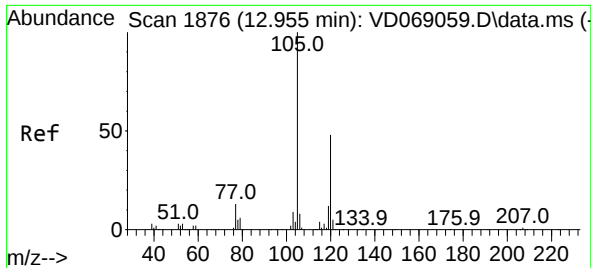
Acq: 07 May 2021 16:23

Tgt Ion: 91 Resp: 62978

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.3	33.8

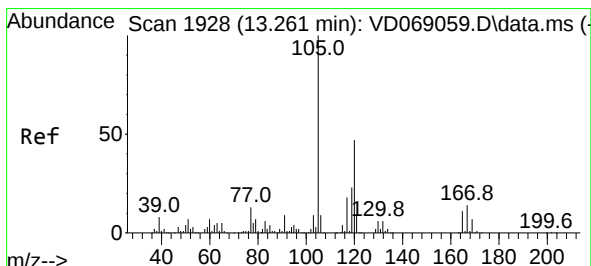
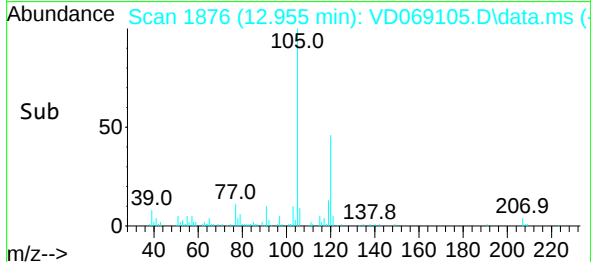
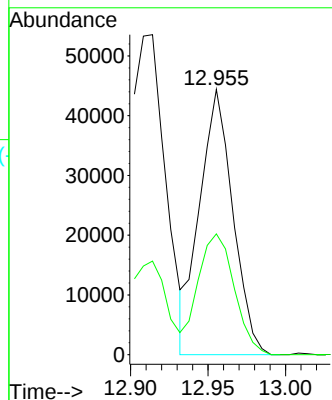
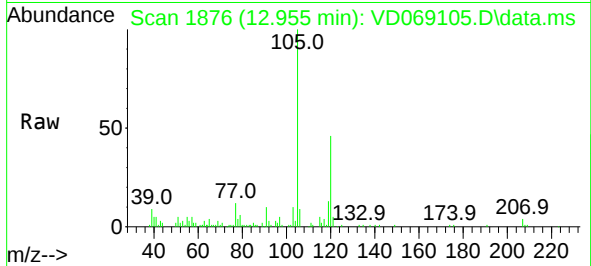




#80
1,3,5-Trimethylbenzene
Concen: 5.64 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069105.D
Acq: 07 May 2021 16:23

Instrument :
MSVOA_D
ClientSampleId :
SB-1

Tgt Ion:105 Resp: 66156
Ion Ratio Lower Upper
105 100
120 49.8 24.2 72.6



#84
1,2,4-Trimethylbenzene
Concen: 11.38 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD069105.D
Acq: 07 May 2021 16:23

Tgt Ion:105 Resp: 133440
Ion Ratio Lower Upper
105 100
120 45.4 22.5 67.5

