

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076337.D
 Acq On : 06 Jun 2023 13:31
 Operator : KP/SY
 Sample : 03038-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-060223

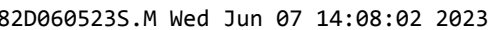
Quant Time: Jun 07 06:10:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

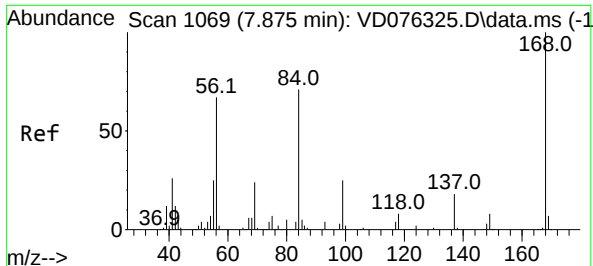
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	112699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	216622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	211082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	86515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87159	86.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 172.640%#	
35) Dibromofluoromethane	7.805	113	106887	77.713	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 155.420%#	
50) Toluene-d8	10.269	98	295268	53.919	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.840%	
62) 4-Bromofluorobenzene	12.575	95	86744	59.856	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 119.720%	
Target Compounds						Qvalue
20) Methylene Chloride	4.805	84	17467	7.571	ug/l	# 88

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

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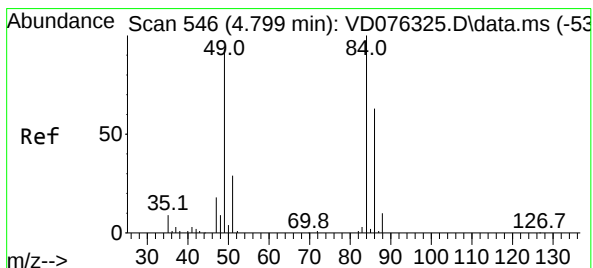
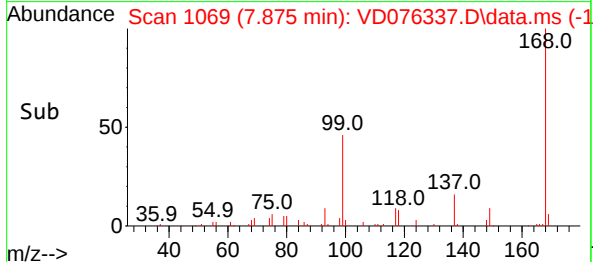
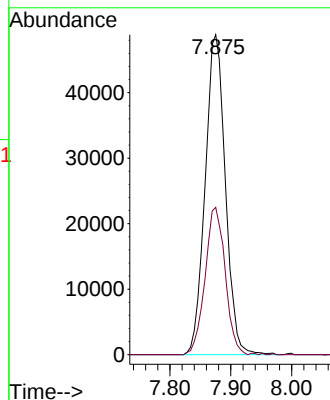
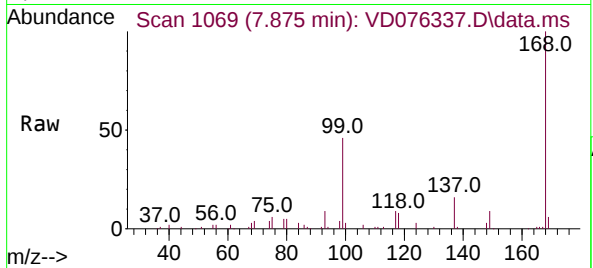




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076337.D
Acq: 06 Jun 2023 13:31

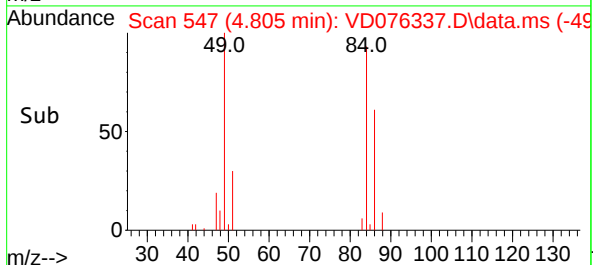
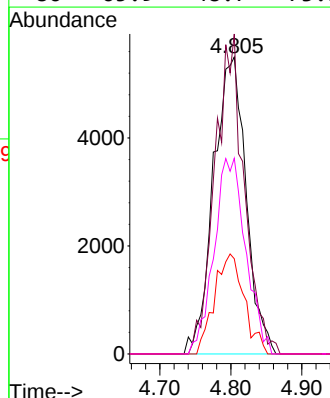
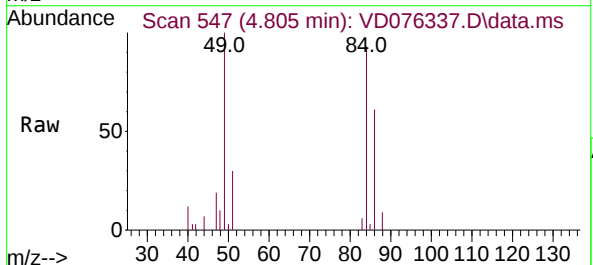
Instrument :
MSVOA_D
ClientSampleId :
NB-07-060223

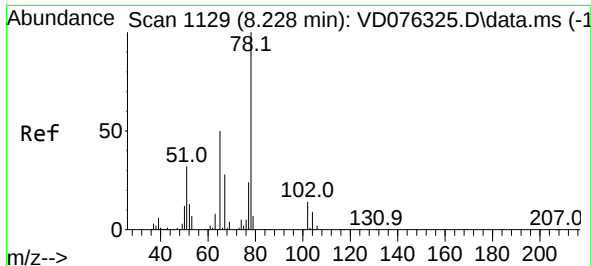
Tgt Ion:168 Resp: 112699
Ion Ratio Lower Upper
168 100
99 46.1 36.7 55.1



#20
Methylene Chloride
Concen: 7.571 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD076337.D
Acq: 06 Jun 2023 13:31

Tgt Ion: 84 Resp: 17467
Ion Ratio Lower Upper
84 100
49 107.8 71.4 107.2#
51 32.0 24.5 36.7
86 65.9 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 86.315 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076337.D

Acq: 06 Jun 2023 13:31

Instrument :

MSVOA_D

ClientSampleId :

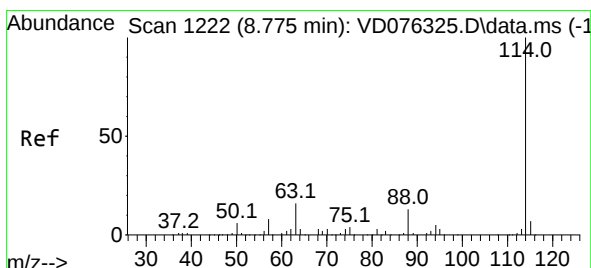
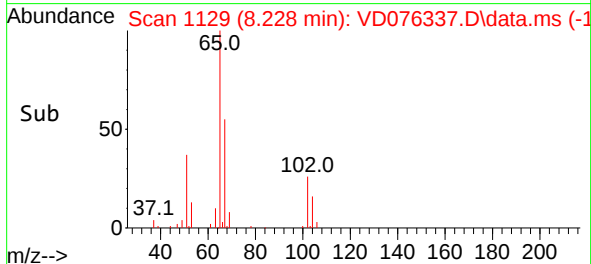
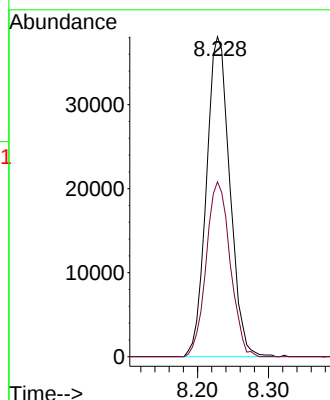
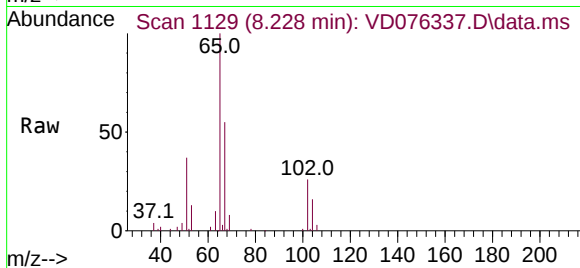
NB-07-060223

Tgt Ion: 65 Resp: 87159

Ion Ratio Lower Upper

65 100

67 55.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076337.D

Acq: 06 Jun 2023 13:31

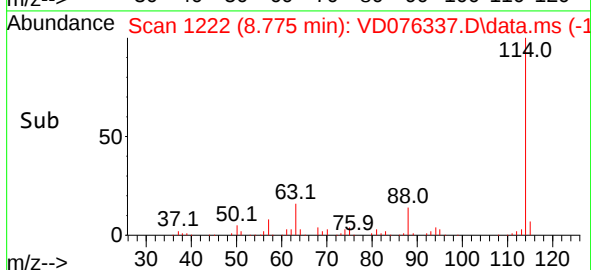
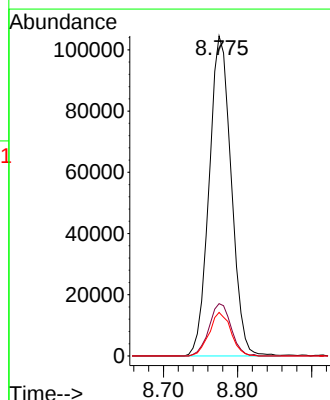
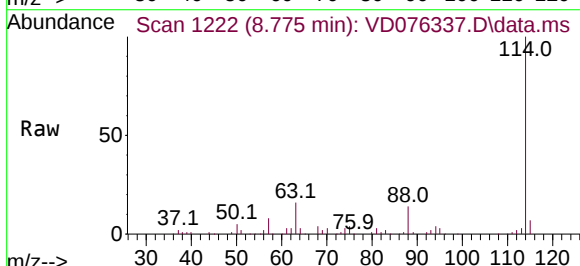
Tgt Ion: 114 Resp: 216622

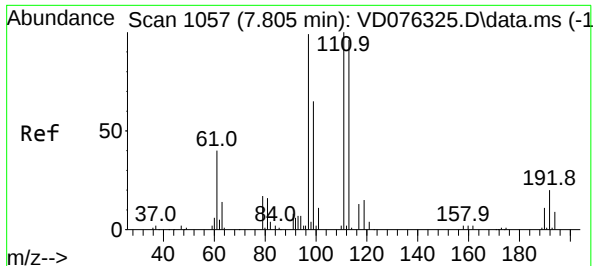
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.4

88 13.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 77.713 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076337.D

Acq: 06 Jun 2023 13:31

Instrument :

MSVOA_D

ClientSampleId :

NB-07-060223

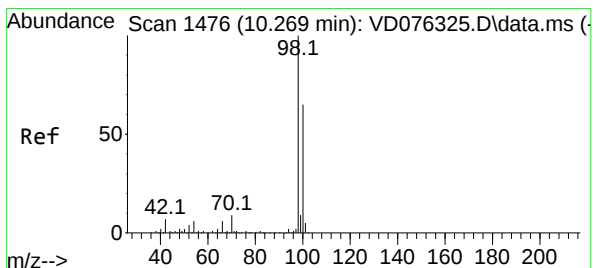
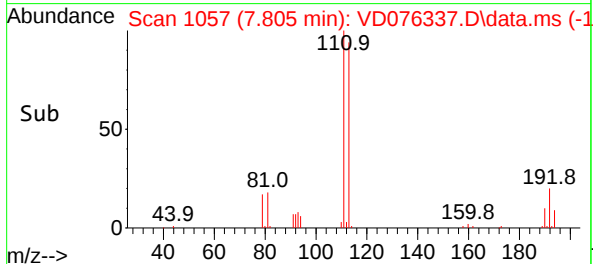
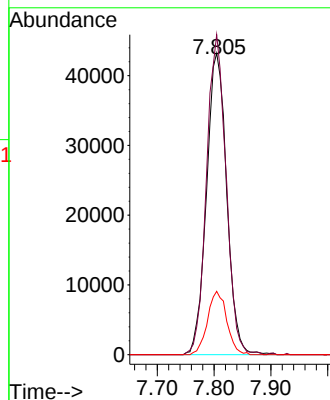
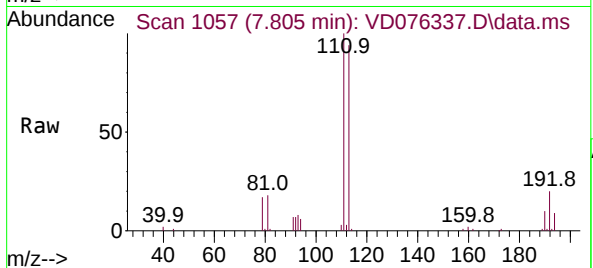
Tgt Ion:113 Resp: 106887

Ion Ratio Lower Upper

113 100

111 102.4 84.7 127.1

192 20.0 16.8 25.2



#50

Toluene-d8

Concen: 53.919 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076337.D

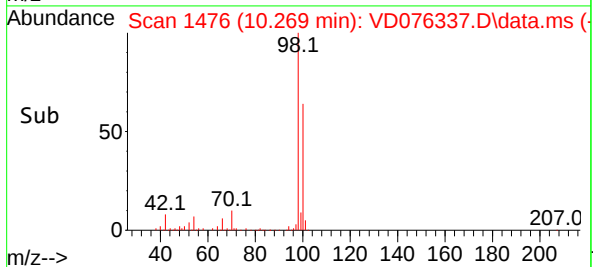
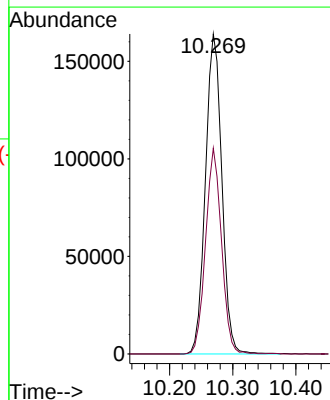
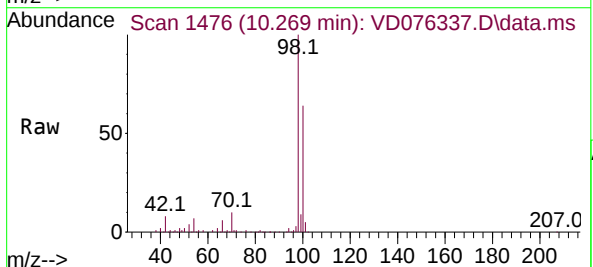
Acq: 06 Jun 2023 13:31

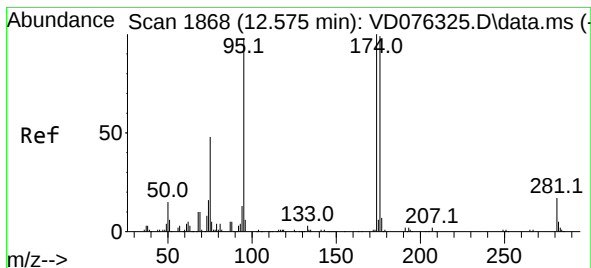
Tgt Ion: 98 Resp: 295268

Ion Ratio Lower Upper

98 100

100 62.6 50.3 75.5

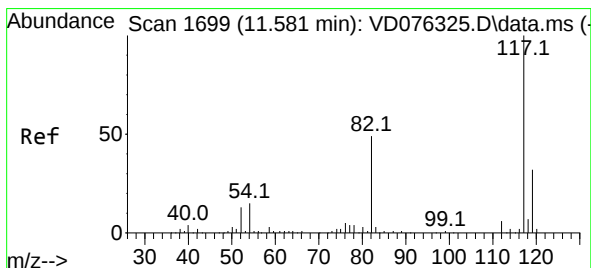
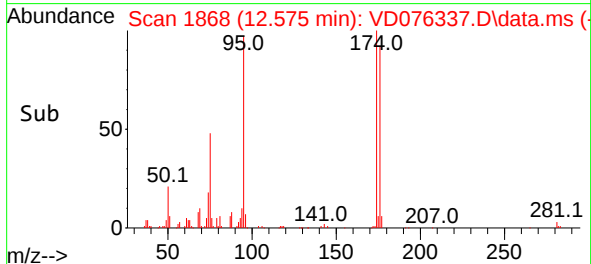
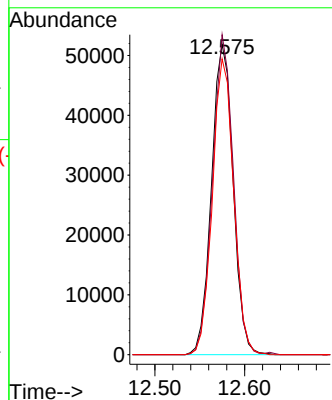
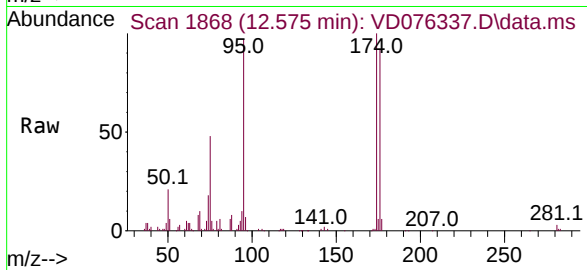




#62
4-Bromofluorobenzene
Concen: 59.856 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076337.D
Acq: 06 Jun 2023 13:31

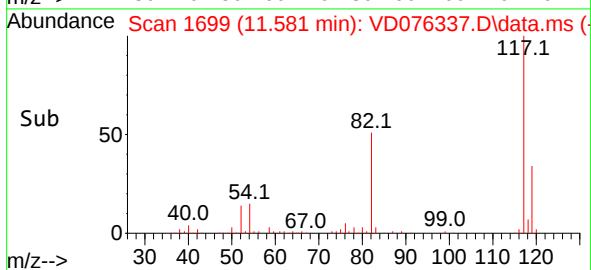
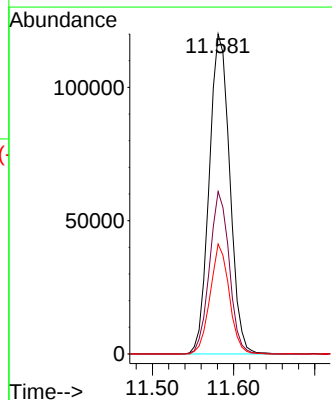
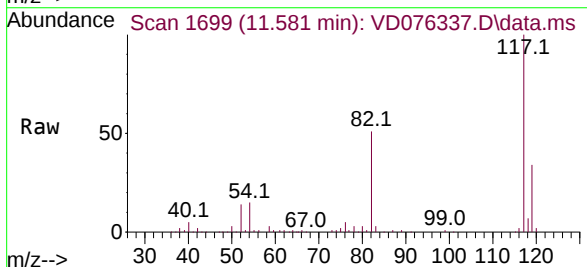
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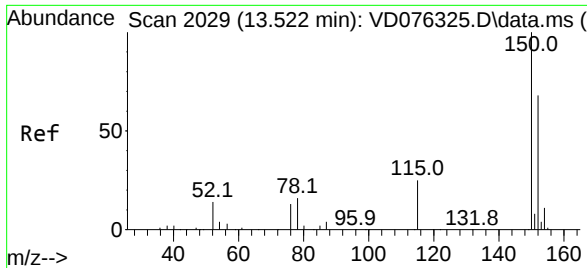
Tgt Ion:	95	Resp:	86744
Ion	Ratio	Lower	Upper
95	100		
174	99.2	0.0	201.8
176	93.9	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076337.D
Acq: 06 Jun 2023 13:31

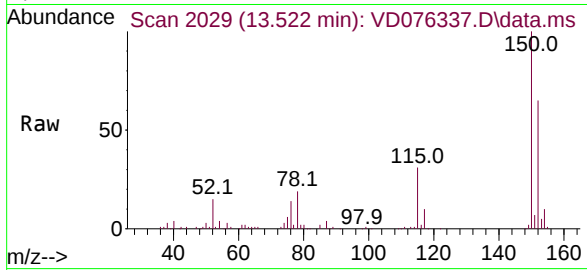
Tgt Ion:	117	Resp:	211082
Ion	Ratio	Lower	Upper
117	100		
82	50.7	38.3	57.5
119	34.3	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD076337.D
 Acq: 06 Jun 2023 13:31

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-060223



Tgt Ion:152 Resp: 86515
 Ion Ratio Lower Upper
 152 100
 115 50.8 27.1 81.3
 150 160.3 0.0 353.6

