

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032822\
 Data File : VD072451.D
 Acq On : 28 Mar 2022 18:22
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 01:31:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	444590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	731554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	828795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	438631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177697	35.864	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	71.720%		
35) Dibromofluoromethane	7.914	113	202155	39.269	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	78.540%		
50) Toluene-d8	10.338	98	936874	49.771	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.540%		
62) 4-Bromofluorobenzene	12.620	95	434295	59.378	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	118.760%		
Target Compounds						
20) Methylene Chloride	4.973	84	10094	Below Cal	#	72
95) Naphthalene	15.385	128	340110m	20.847	ug/l	

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

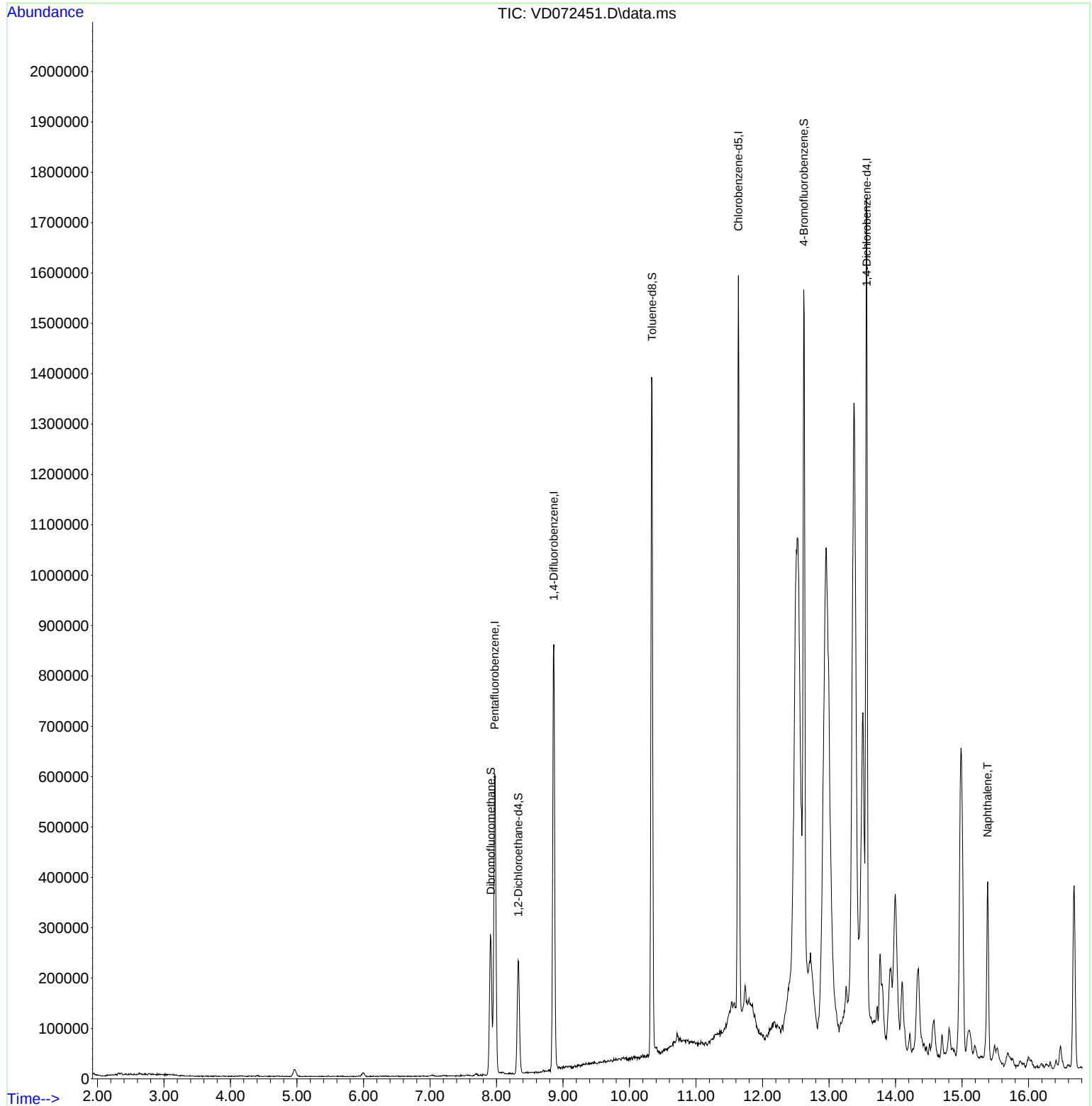
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032822\
Data File : VD072451.D
Acq On : 28 Mar 2022 18:22
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/29/2022
Supervised By : Mahesh Dadoda 03/29/2022

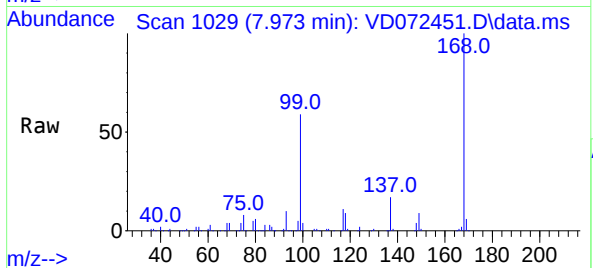
Quant Time: Mar 29 01:31:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration





Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

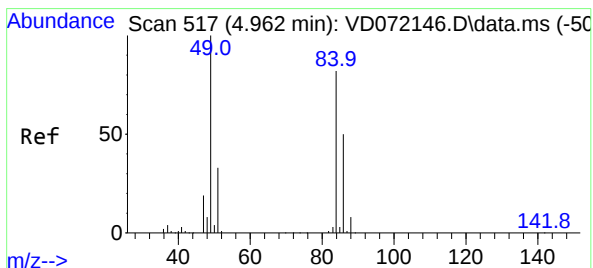
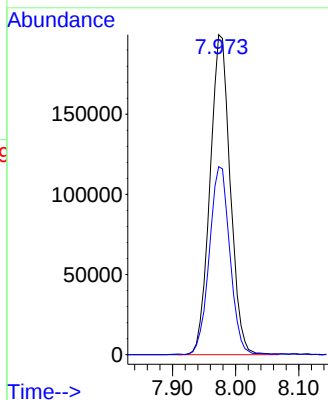
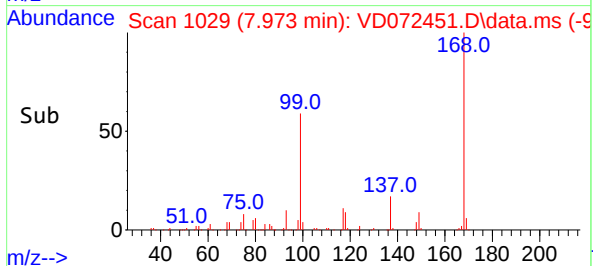
Instrument :
MSVOA_D
ClientSampleId :
VIBLK



Tgt Ion:168 Resp: 444590
Ion Ratio Lower Upper
168 100
99 58.5 49.8 74.6

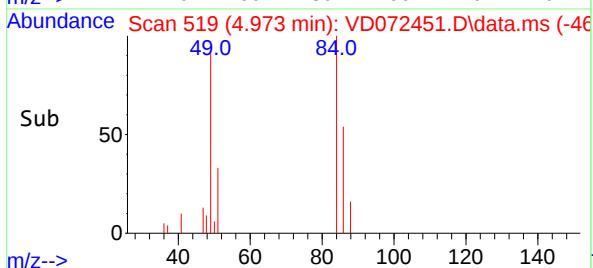
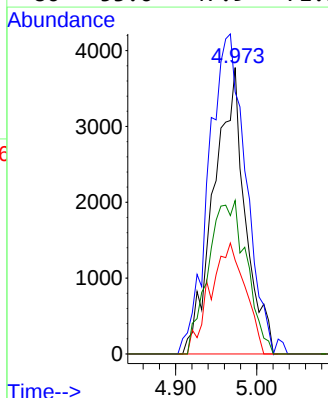
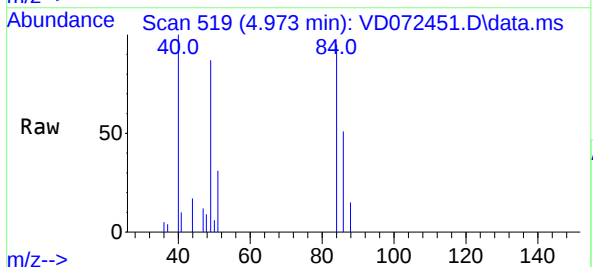
Manual Integrations
APPROVED

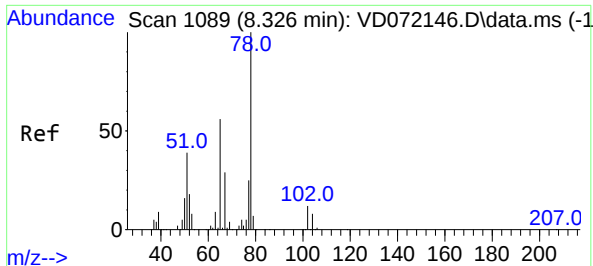
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

Tgt Ion: 84 Resp: 10094
Ion Ratio Lower Upper
84 100
49 91.5 112.8 169.2#
51 32.7 32.6 48.8
86 53.6 47.9 71.9





#33

1,2-Dichloroethane-d4

Concen: 35.864 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072451.D

Acq: 28 Mar 2022 18:22

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

Tgt Ion: 65 Resp: 17769

Ion Ratio Lower Upper

65 100

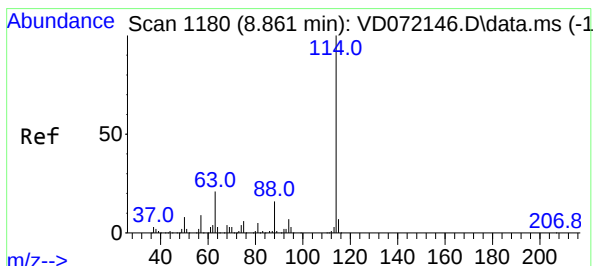
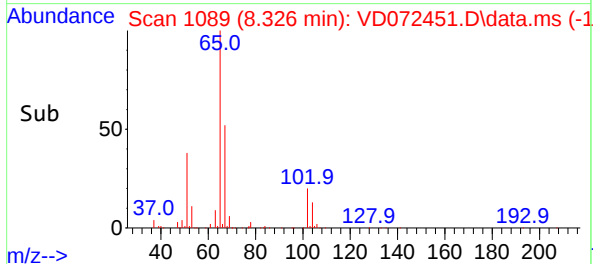
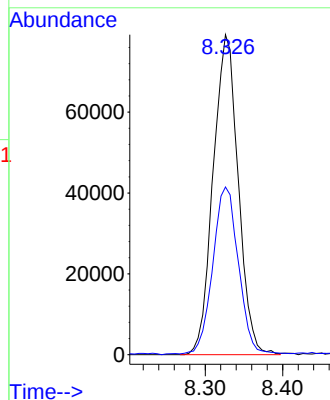
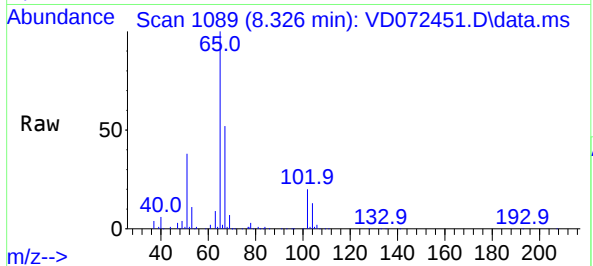
67 54.2 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072451.D

Acq: 28 Mar 2022 18:22

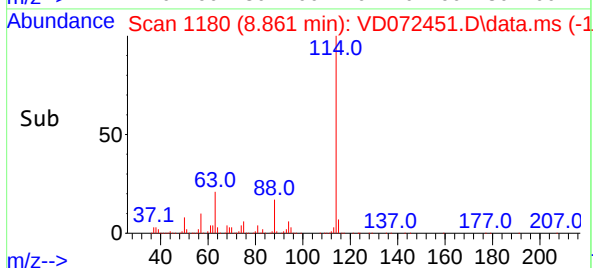
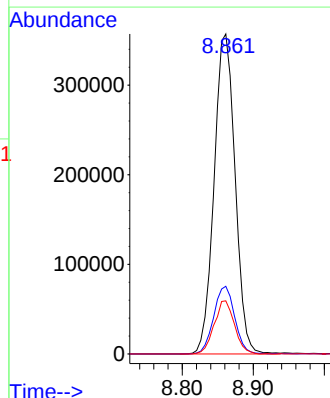
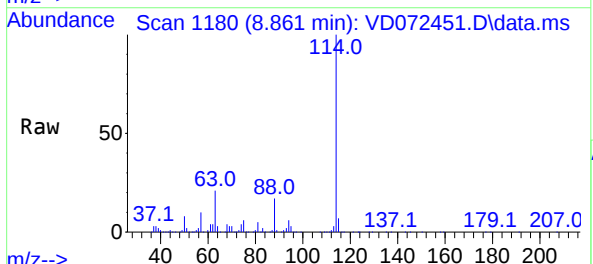
Tgt Ion:114 Resp: 731554

Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

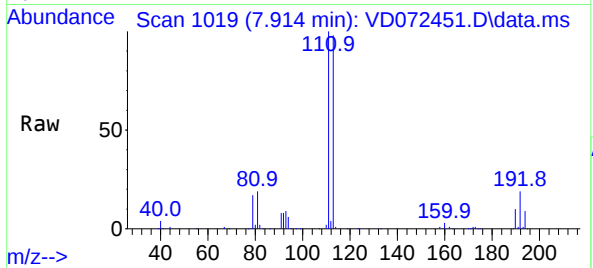
88 16.6 0.0 33.2





#35
Dibromofluoromethane
Concen: 39.269 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

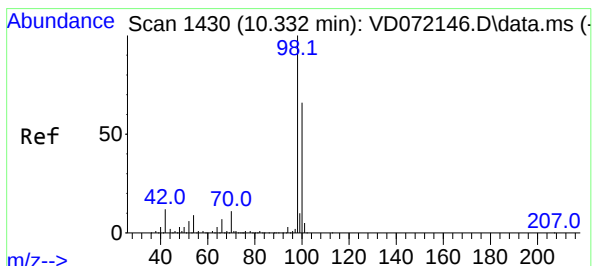
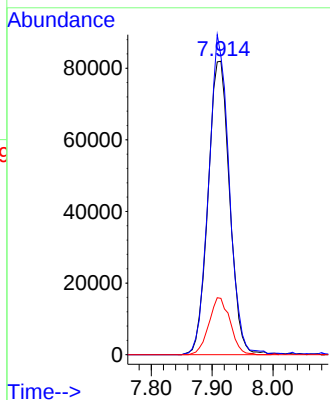
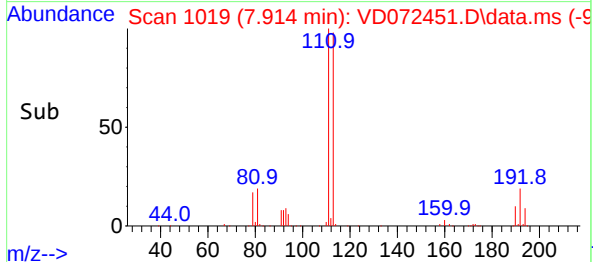
Instrument :
MSVOA_D
ClientSampleId :
VIBLK



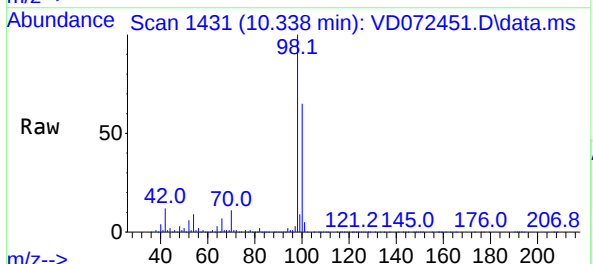
Tgt Ion:113 Resp: 20215
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.6
192 19.1 14.6 21.8

Manual Integrations
APPROVED

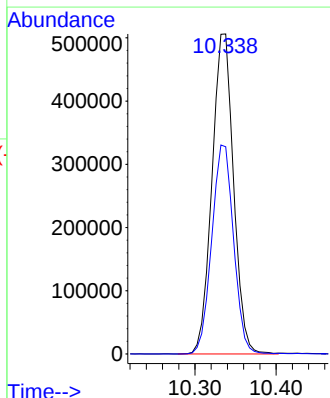
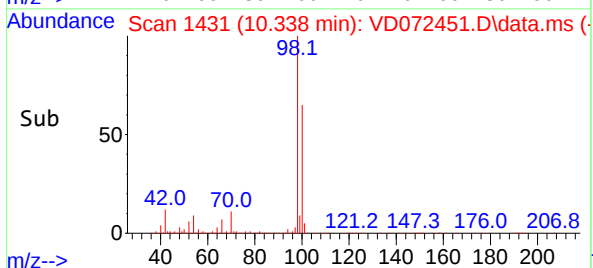
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

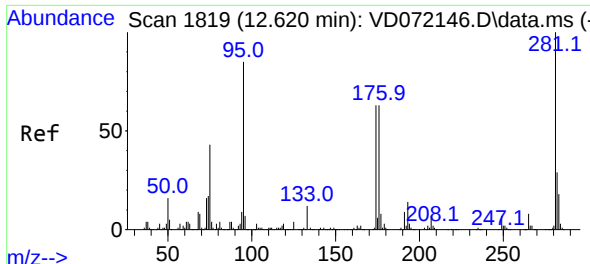


#50
Toluene-d8
Concen: 49.771 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22



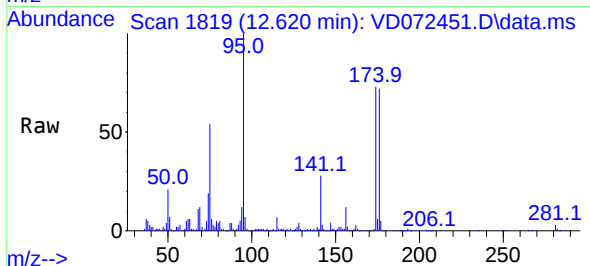
Tgt Ion: 98 Resp: 936874
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6





#62
4-Bromofluorobenzene
Concen: 59.378 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

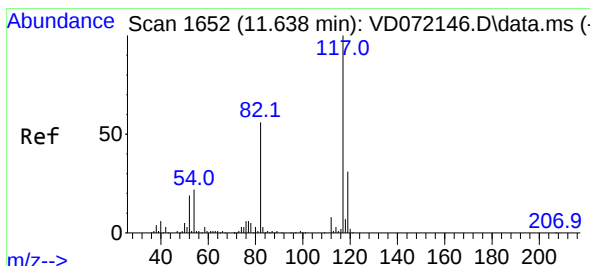
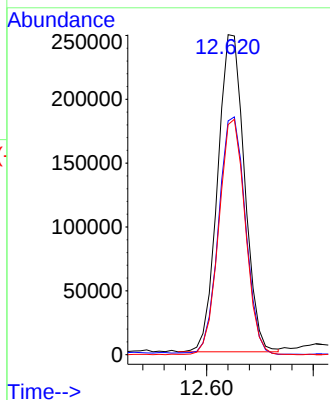
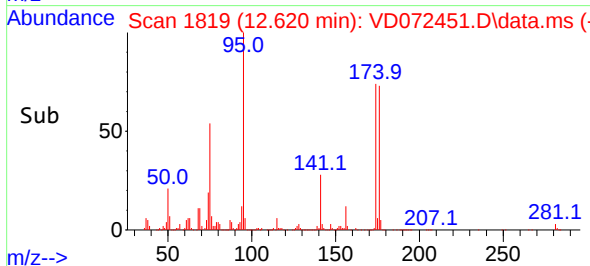
Instrument :
MSVOA_D
ClientSampleId :
VIBLK



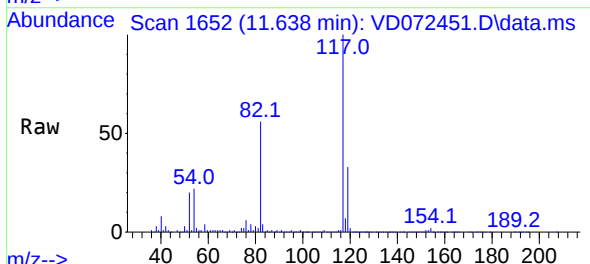
Tgt Ion: 95 Resp: 434295
Ion Ratio Lower Upper
95 100
174 75.2 0.0 152.8
176 73.1 0.0 145.4

Manual Integrations
APPROVED

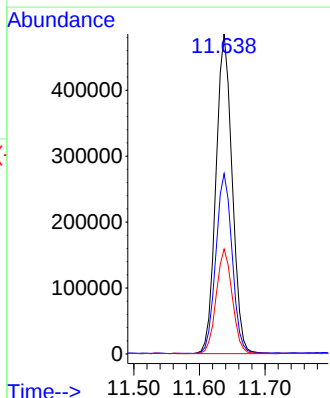
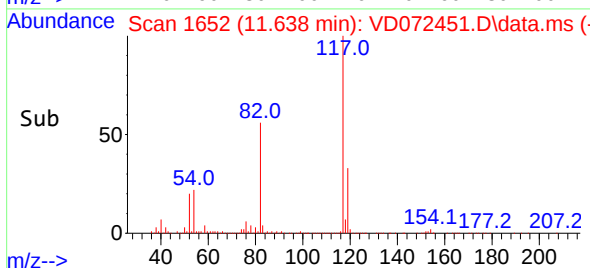
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

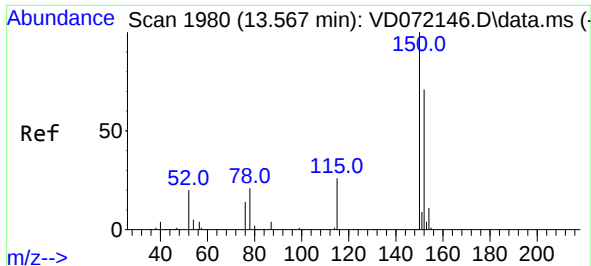


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22



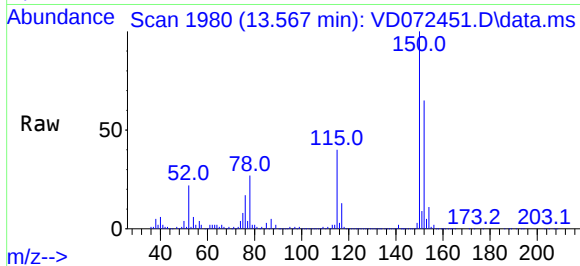
Tgt Ion:117 Resp: 828795
Ion Ratio Lower Upper
117 100
82 56.2 45.3 67.9
119 32.7 26.6 40.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

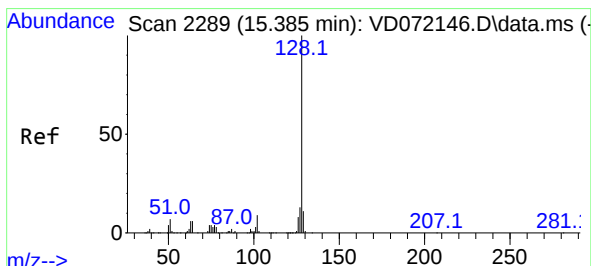
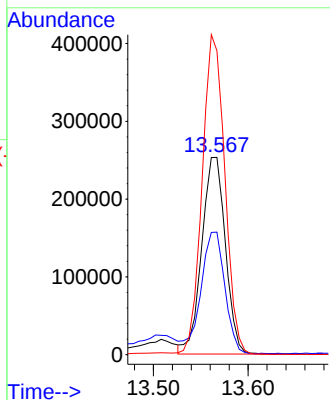
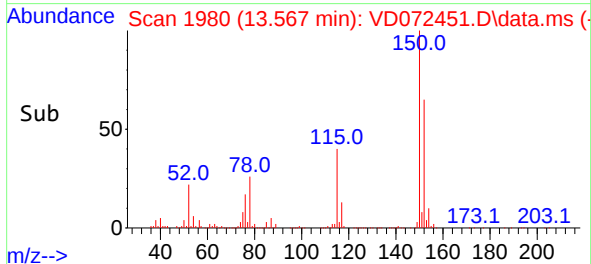
Instrument :
MSVOA_D
ClientSampleId :
VIBLK



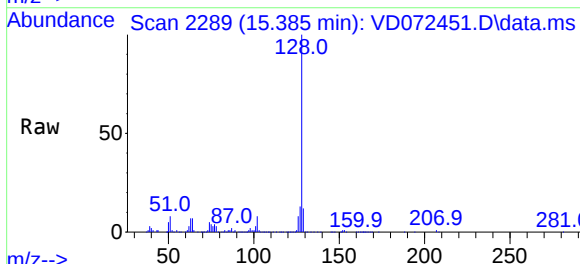
Tgt Ion:152 Resp: 43863
Ion Ratio Lower Upper
152 100
115 63.1 31.3 93.8
150 155.7 0.0 348.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#95
Naphthalene
Concen: 20.847 ug/l m
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22



Tgt Ion:128 Resp: 340110
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

