

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120121\
 Data File : VD071107.D
 Acq On : 01 Dec 2021 15:21
 Operator : VA/SY
 Sample : M4855-01RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LS-RO-COMPRES

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2021
 Supervised By : Mahesh Dadoda 12/03/2021

Quant Time: Dec 02 03:15:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.962	168	871m	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.867	114	2057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1244	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.57
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	261	25.538	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	51.080%
35) Dibromofluoromethane	7.909	113	461	35.194	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.380%
50) Toluene-d8	10.332	98	2025	40.624	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.240%
62) 4-Bromofluorobenzene	12.626	95	148	8.565	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	17.140%#
Target Compounds						Qvalue
59) 2-Hexanone	11.079	43	64	42.390	ug/l #	22

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

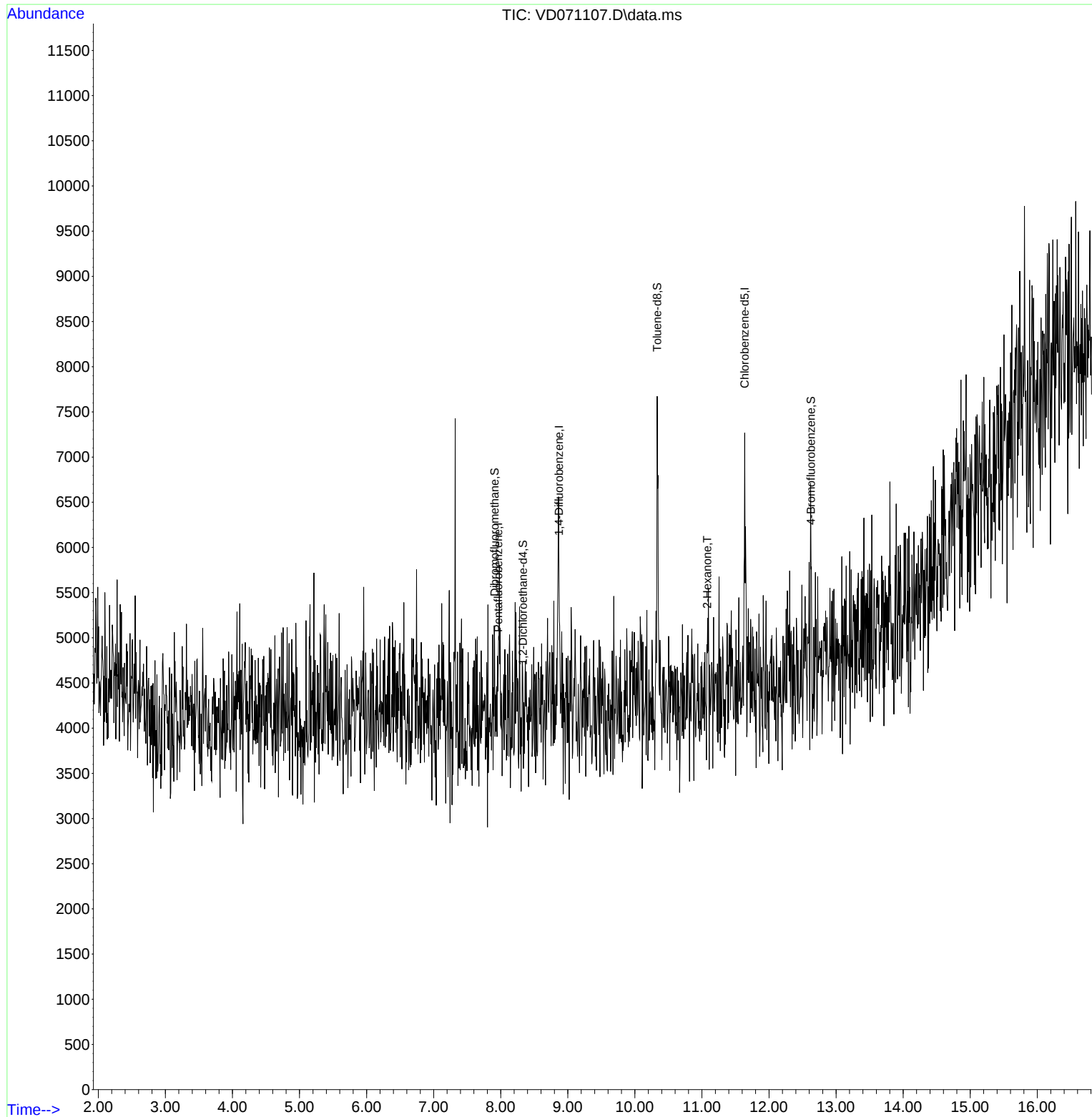
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120121\
Data File : VD071107.D
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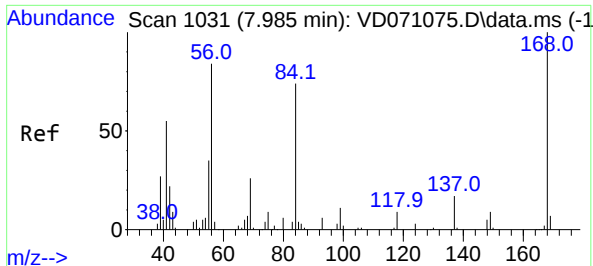
Instrument :
MSVOA_D
ClientSampleId :
LS-RO-COMP

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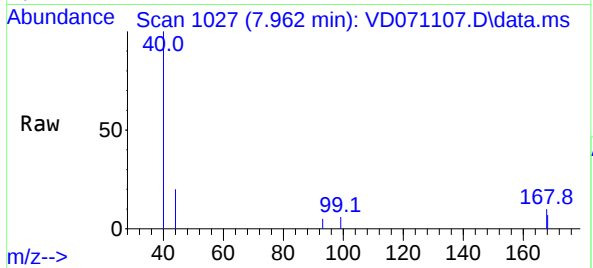
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration





Pentafluorobenzene
Concen: 50.000 ug/l m
RT: 7.962 min Scan# 1027
Delta R.T. -0.023 min
Lab File: VD071107.D
Acq: 01 Dec 2021 15:21

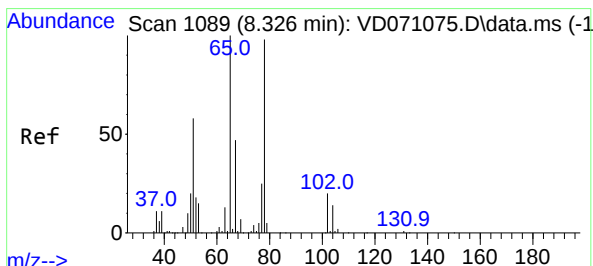
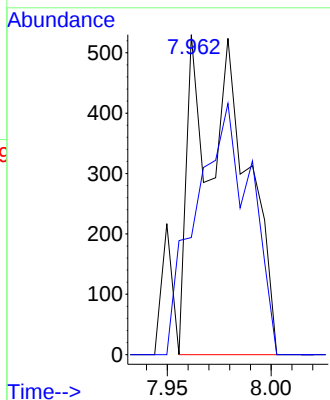
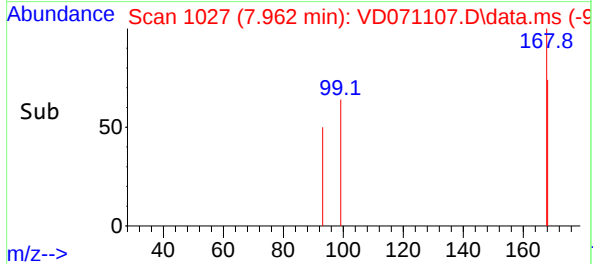
Instrument :
MSVOA_D
ClientSampleId :
LS-RO-COMP



Tgt Ion:168 Resp: 87
Ion Ratio Lower Upper
168 100
99 63.8 46.6 69.8

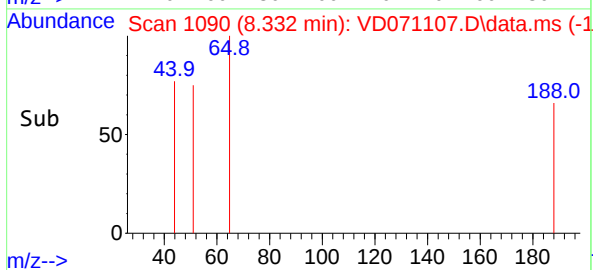
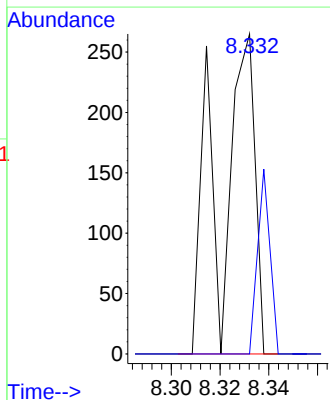
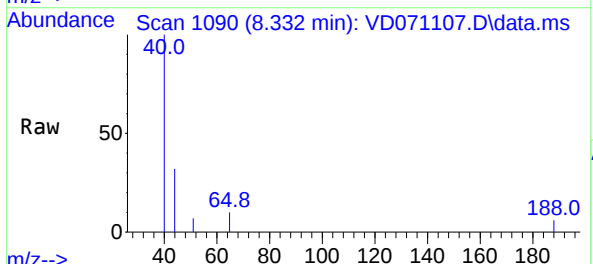
Manual Integrations
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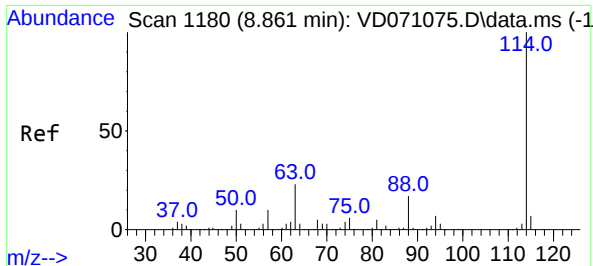
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



1,2-Dichloroethane-d4
Concen: 25.538 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071107.D
Acq: 01 Dec 2021 15:21

Tgt Ion: 65 Resp: 261
Ion Ratio Lower Upper
65 100
67 20.7 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071107.D

Acq: 01 Dec 2021 15:21

Instrument :

MSVOA_D

ClientSampleId :

LS-RO-COMP

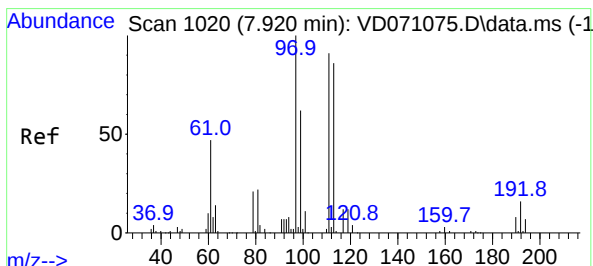
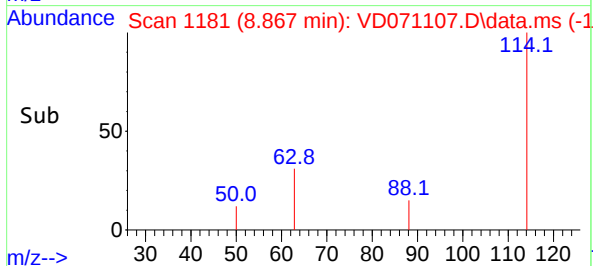
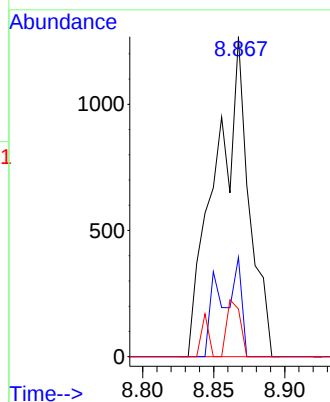
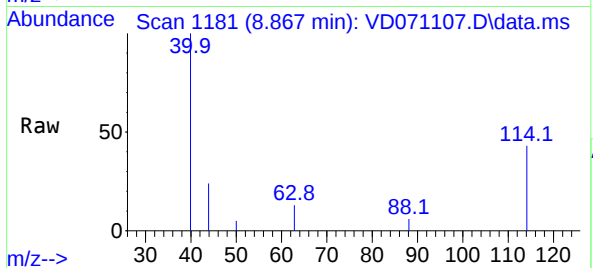
Tgt Ion:	114	Resp:	205
Ion Ratio	Lower	Upper	
114	100		
63	31.1	0.0	41.8
88	14.9	0.0	32.8

Manual Integrations

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#35

Dibromofluoromethane

Concen: 35.194 ug/l

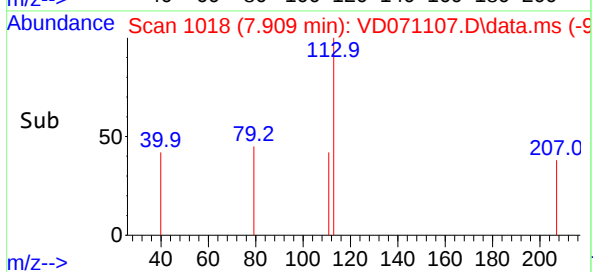
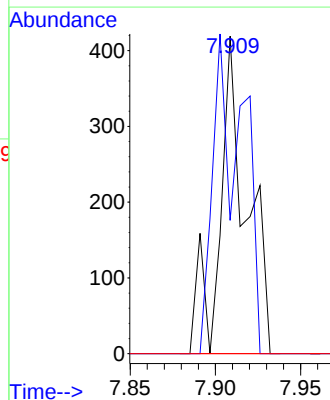
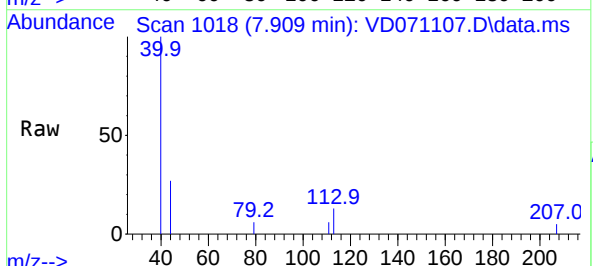
RT: 7.909 min Scan# 1018

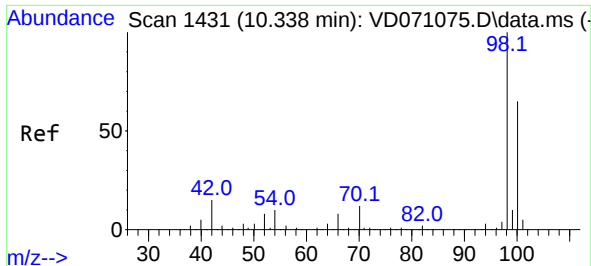
Delta R.T. -0.011 min

Lab File: VD071107.D

Acq: 01 Dec 2021 15:21

Tgt Ion:	113	Resp:	461
Ion Ratio	Lower	Upper	
113	100		
111	110.4	82.0	123.0
192	0.0	15.2	22.8





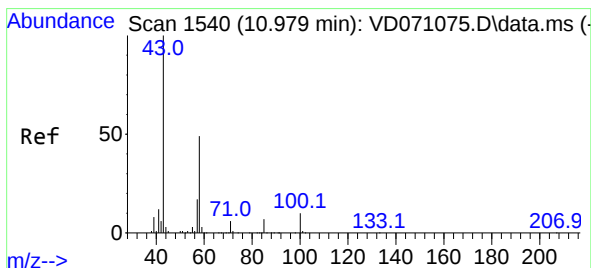
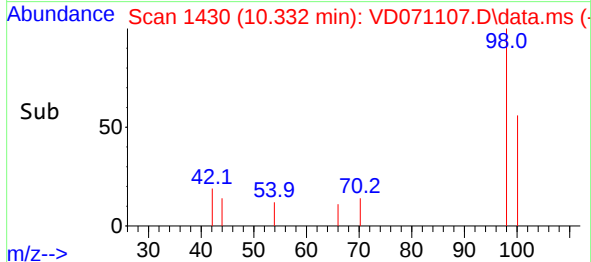
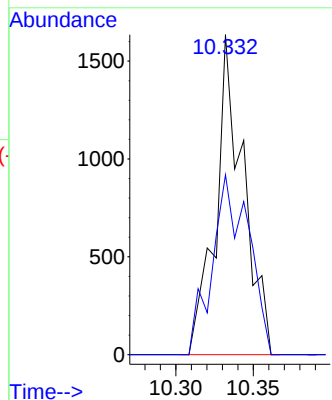
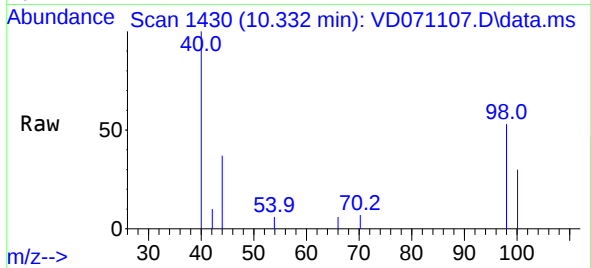
#50
Toluene-d8
Concen: 40.624 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071107.D
Acq: 01 Dec 2021 15:21

Instrument :
MSVOA_D
ClientSampleId :
LS-RO-COMP

Tgt Ion: 98 Resp: 2021
Ion Ratio Lower Upper
98 100
100 74.1 51.8 77.6

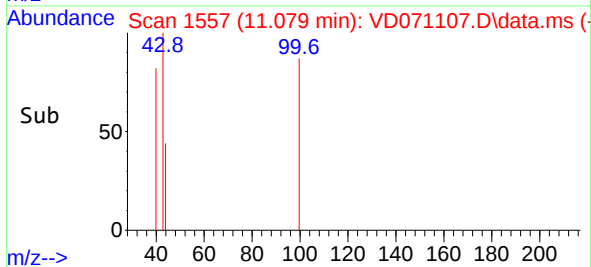
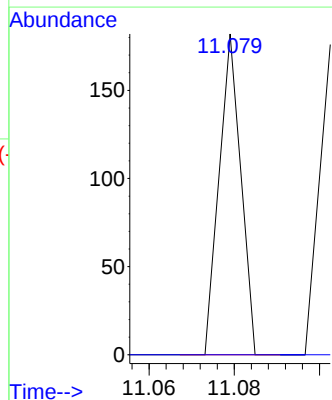
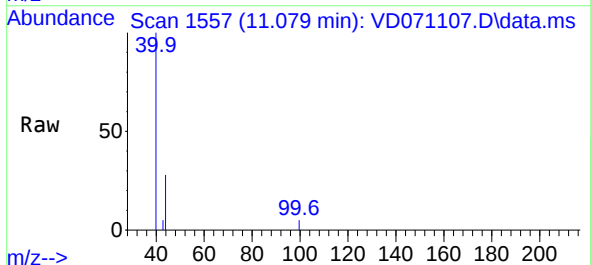
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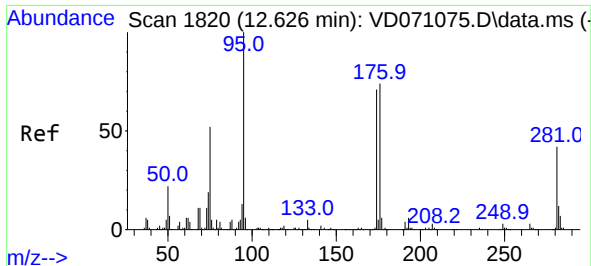
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#59
2-Hexanone
Concen: 42.390 ug/l
RT: 11.079 min Scan# 1557
Delta R.T. 0.100 min
Lab File: VD071107.D
Acq: 01 Dec 2021 15:21

Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#





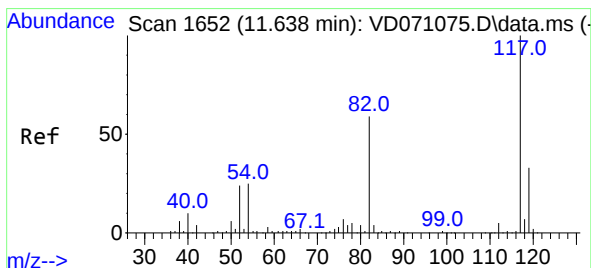
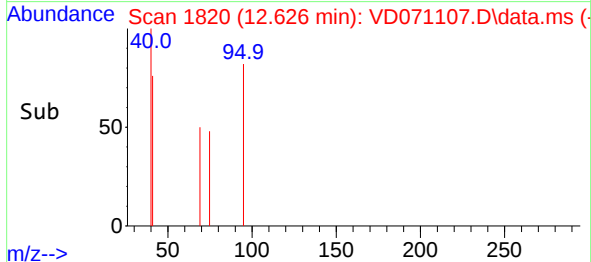
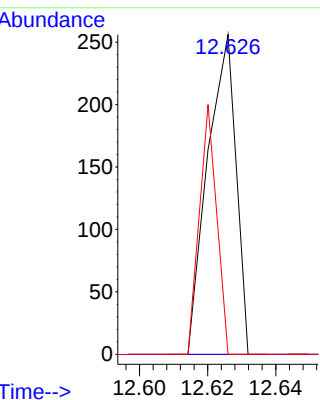
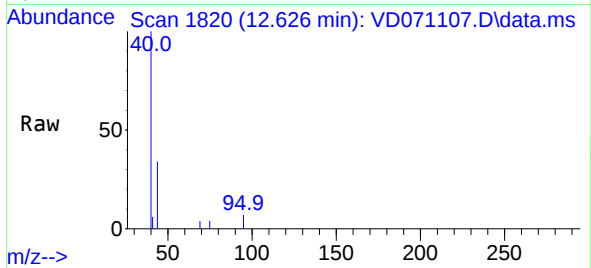
#62
4-Bromofluorobenzene
Concen: 8.565 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071107.D
Acq: 01 Dec 2021 15:21

Instrument :
MSVOA_D
ClientSampleId :
LS-RO-COMP

Tgt Ion: 95 Resp: 148
Ion Ratio Lower Upper
95 100
174 0.0 0.0 159.4
176 48.0 0.0 154.0

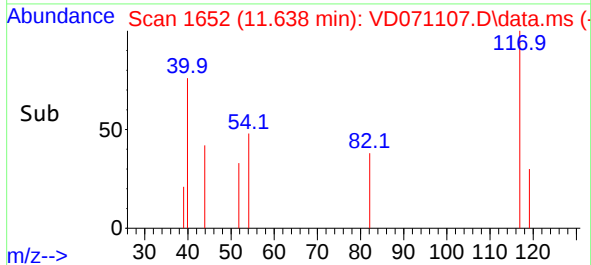
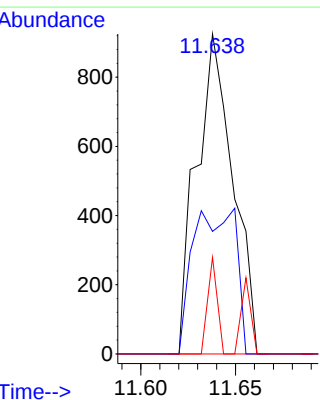
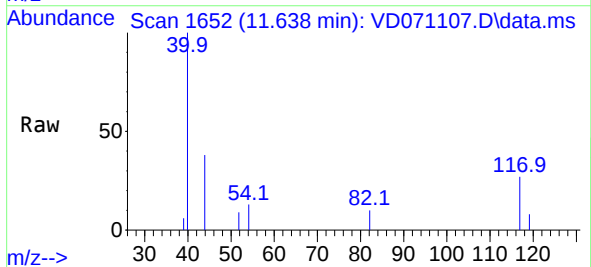
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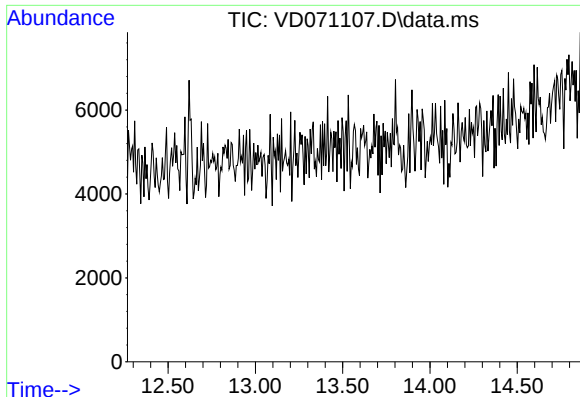
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071107.D
Acq: 01 Dec 2021 15:21

Tgt Ion:117 Resp: 1244
Ion Ratio Lower Upper
117 100
82 38.3 44.7 67.1#
119 30.2 26.2 39.4





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.57 min
Lab File: VD071107.D
Acq: 01 Dec 2021 15:21

Tgt Ion:	152
Sig	Exp Ratio
152	100
115	59.5
150	174.6

Instrument :
MSVOA_D
ClientSampleId :
LS-RO-COMP

Manual Integrations
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