

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120921\
 Data File : VD071239.D
 Acq On : 09 Dec 2021 20:17
 Operator : VA/SY
 Sample : M4967-13
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-11D

Quant Time: Dec 10 06:48:24 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/10/2021
 Supervised By :Amit Patel 12/14/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	2333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	5168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	4782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	2263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	2280	83.29	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	166.58%#
35) Dibromofluoromethane	7.908	113	1633m	49.62	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.24%
50) Toluene-d8	10.344	98	5728	45.74	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.48%
62) 4-Bromofluorobenzene	12.620	95	1961	45.17	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.34%

Target Compounds Qvalue

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

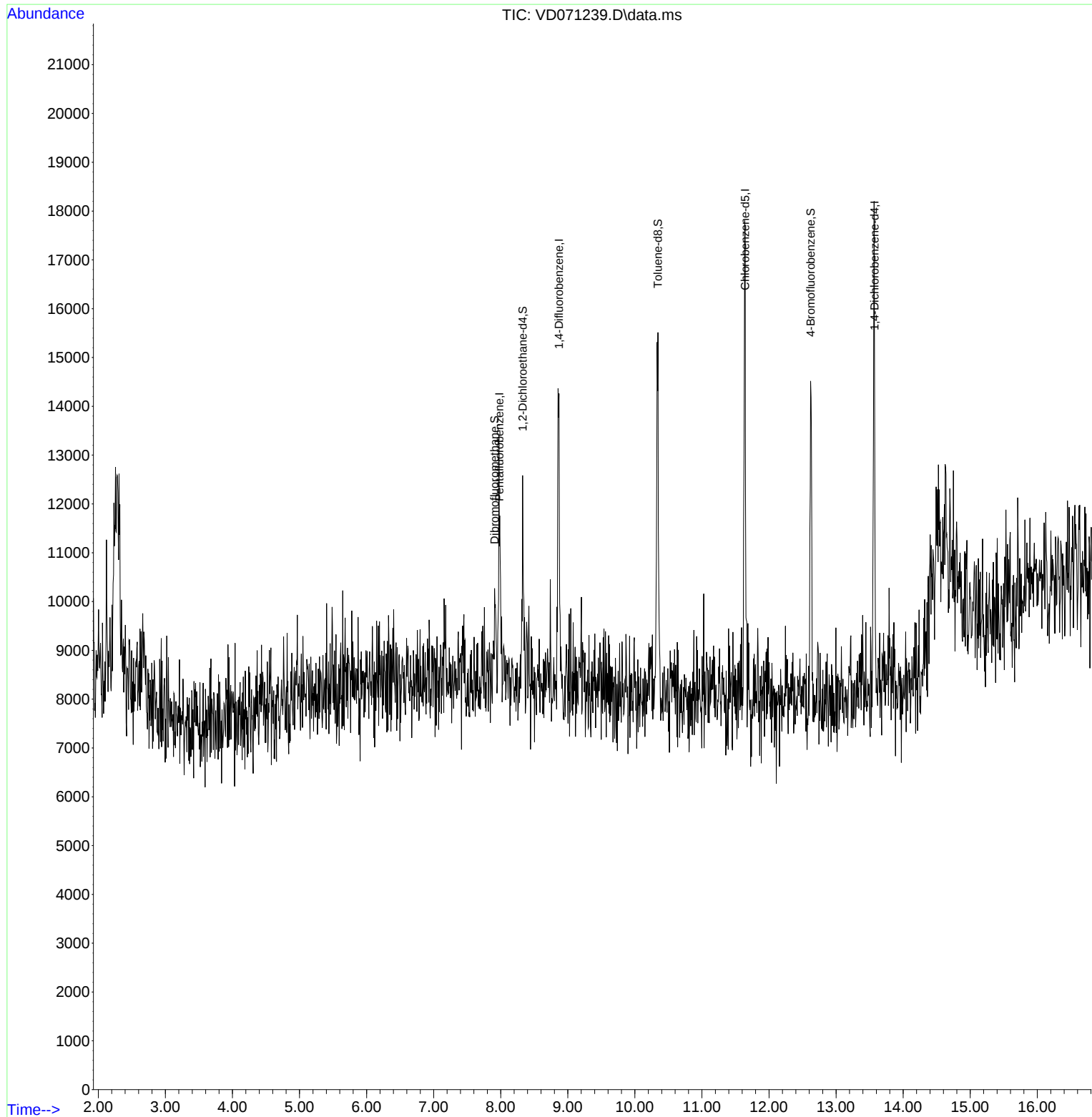
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120921\
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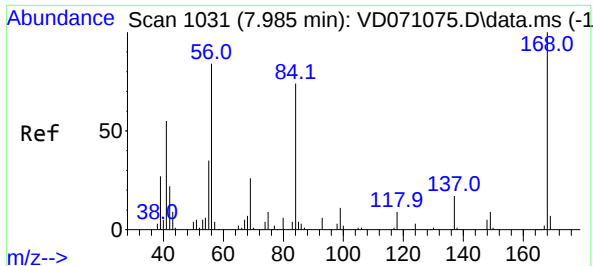
Instrument :
MSVOA_D
ClientSampleId :
TP-11D

Quant Time: Dec 10 06:48:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
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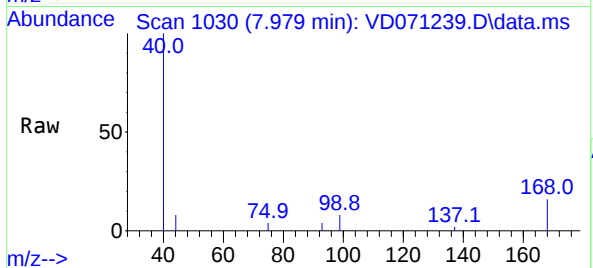
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021





Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071239.D
Acq: 09 Dec 2021 20:17

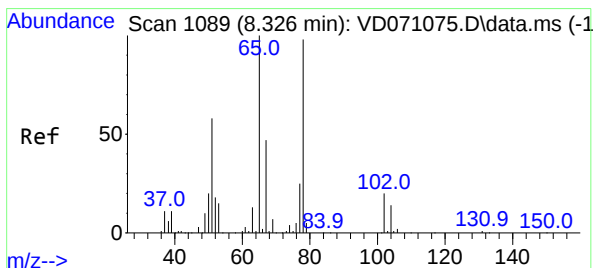
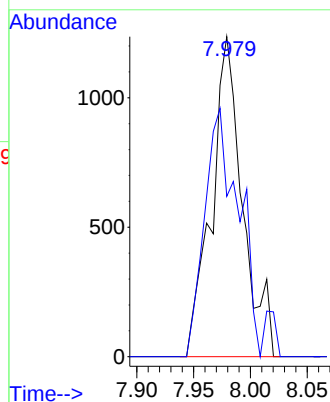
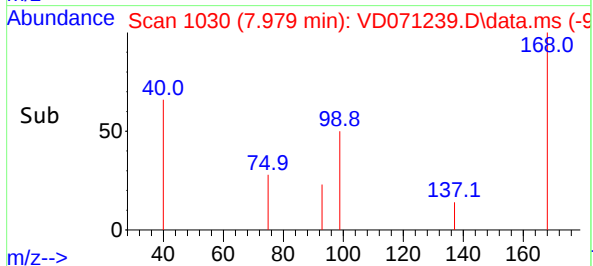
Instrument :
MSVOA_D
ClientSampleId :
TP-11D



Tgt Ion:168 Resp: 233
Ion Ratio Lower Upper
168 100
99 50.1 46.6 69.8

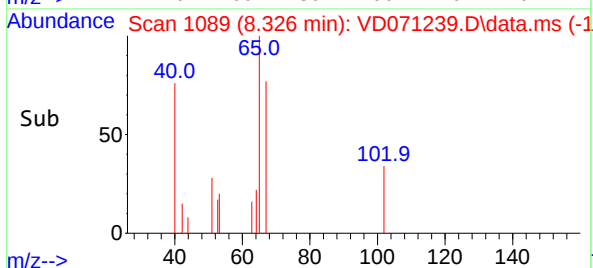
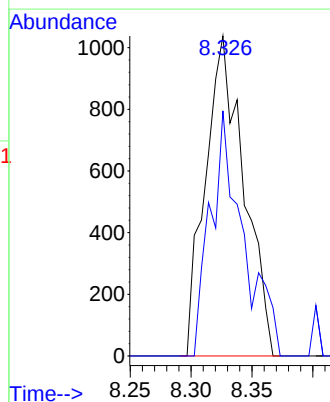
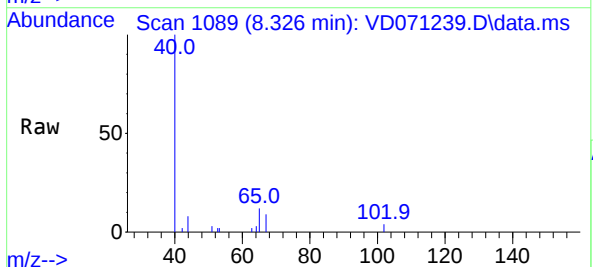
Manual Integrations
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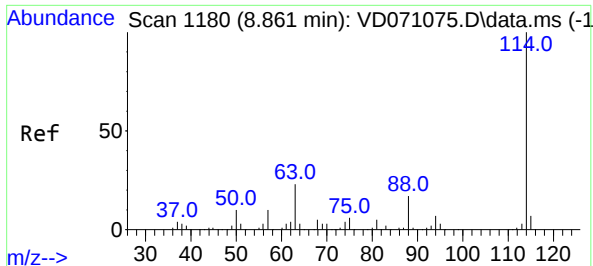
Reviewed By :Semsettin Yesilyurt 12/10/2021
Supervised By :Amit Patel 12/14/2021



1,2-Dichloroethane-d4
Concen: 83.29 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071239.D
Acq: 09 Dec 2021 20:17

Tgt Ion: 65 Resp: 2280
Ion Ratio Lower Upper
65 100
67 65.1 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071239.D

Acq: 09 Dec 2021 20:17

Instrument :

MSVOA_D

ClientSampleId :

TP-11D

Tgt Ion:114 Resp: 5168

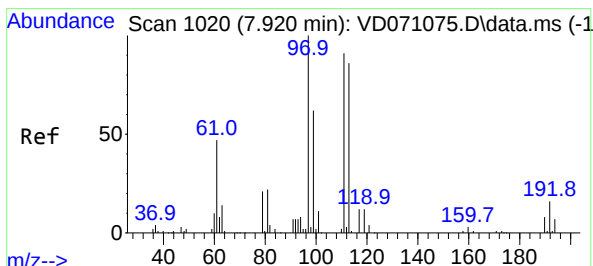
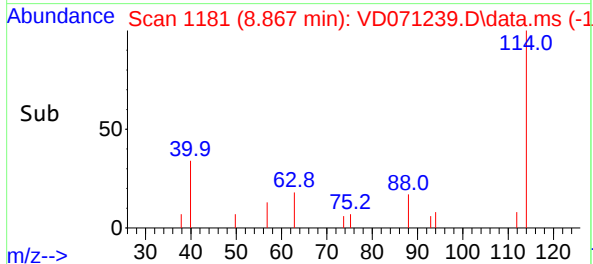
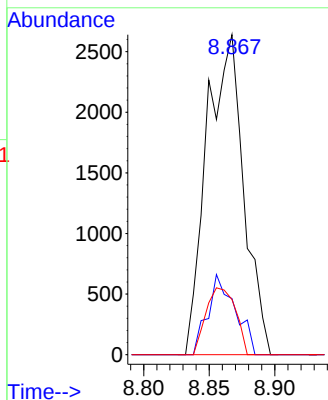
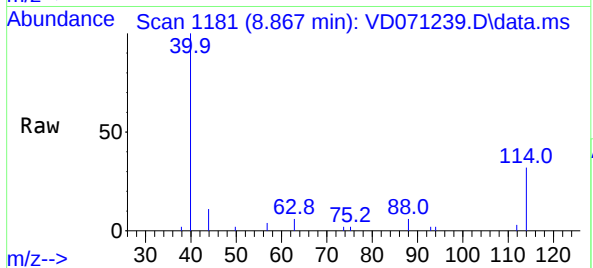
Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	41.8
88	17.3	0.0	32.8

Manual Integrations

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#35

Dibromofluoromethane

Concen: 49.62 ug/l m

RT: 7.908 min Scan# 1018

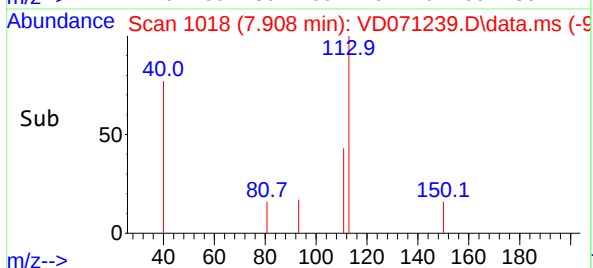
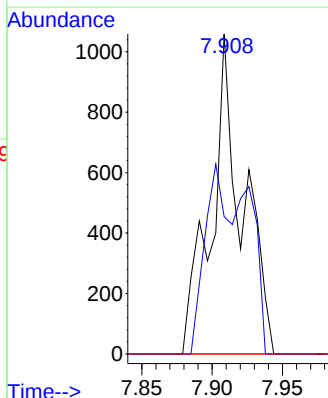
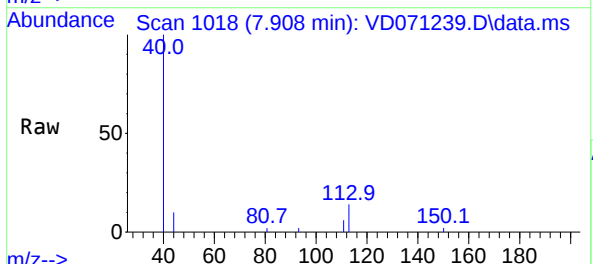
Delta R.T. -0.012 min

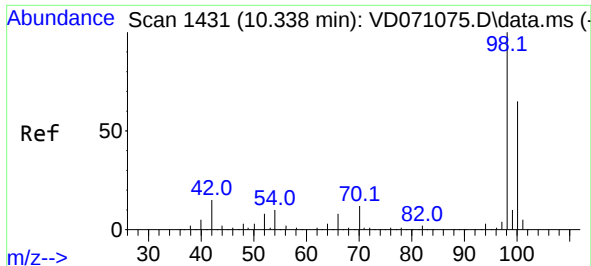
Lab File: VD071239.D

Acq: 09 Dec 2021 20:17

Tgt Ion:113 Resp: 1633

Ion	Ratio	Lower	Upper
113	100		
111	47.5	82.0	123.0#
192	0.0	15.2	22.8#





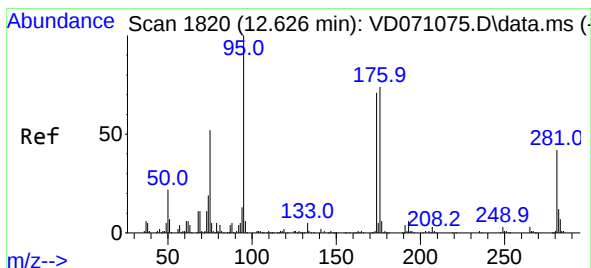
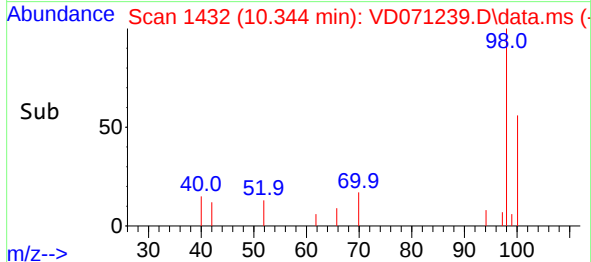
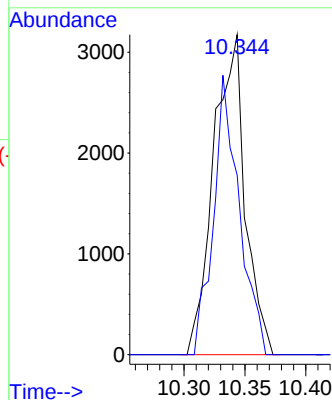
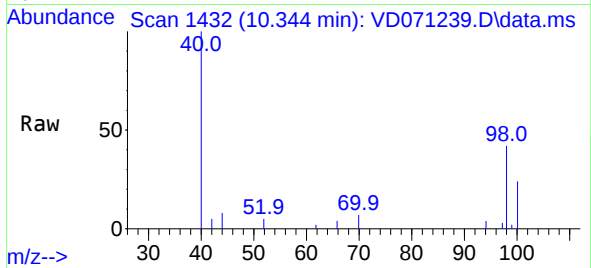
#50
Toluene-d8
Concen: 45.74 ug/l
RT: 10.344 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071239.D
Acq: 09 Dec 2021 20:17

Instrument :
MSVOA_D
ClientSampleId :
TP-11D

Tgt Ion: 98 Resp: 5728
Ion Ratio Lower Upper
98 100
100 71.0 51.8 77.6

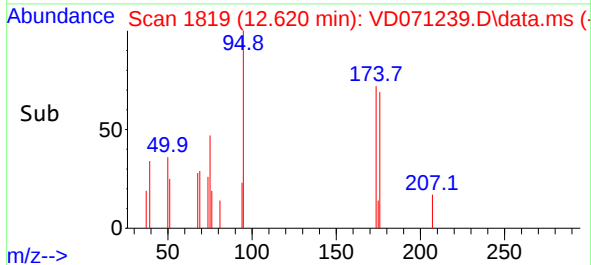
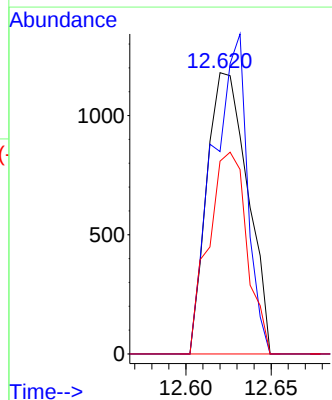
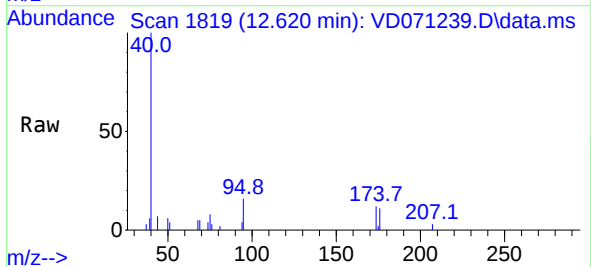
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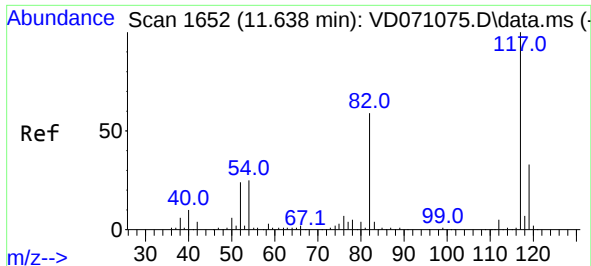
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Supervised By :Amit Patel 12/14/2021



#62
4-Bromofluorobenzene
Concen: 45.17 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071239.D
Acq: 09 Dec 2021 20:17

Tgt Ion: 95 Resp: 1961
Ion Ratio Lower Upper
95 100
174 95.9 0.0 159.4
176 67.8 0.0 154.0





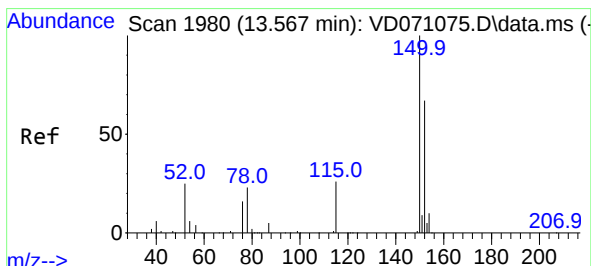
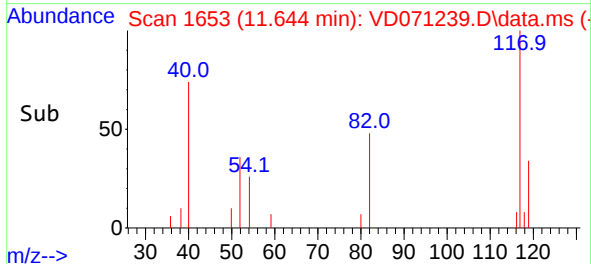
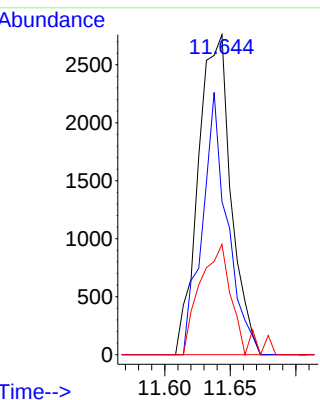
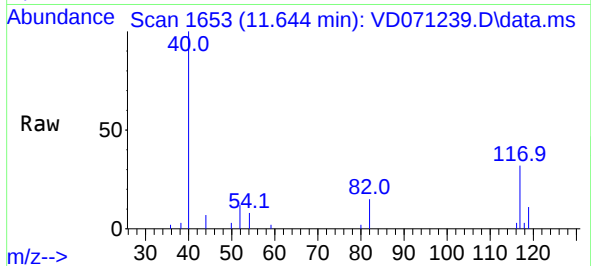
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1164
Delta R.T. 0.006 min
Lab File: VD071239.D
Acq: 09 Dec 2021 20:17

Instrument :
MSVOA_D
ClientSampleId :
TP-11D

Tgt Ion:117 Resp: 478
Ion Ratio Lower Upper
117 100
82 47.8 44.7 67.1
119 34.5 26.2 39.4

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD071239.D
Acq: 09 Dec 2021 20:17

Tgt Ion:152 Resp: 2263
Ion Ratio Lower Upper
152 100
115 58.0 29.8 89.3
150 169.7 0.0 349.2

