

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
 Data File : VN074024.D
 Acq On : 19 Aug 2022 14:10
 Operator : JC\MD
 Sample : N4246-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 220817006-01-TRIP-BLANK

Quant Time: Aug 20 02:46:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/22/2022
 Supervised By :Mahesh Dadoda 08/22/2022

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

Internal Standards						
1) Bromochloromethane	7.581	128	65849	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	344243	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.687	117	294912	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.375	65	169247	29.727	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.100%
60) 4-Bromofluorobenzene	12.669	95	136084	26.060	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.867%
63) Toluene-d8	10.381	98	481536	28.998	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.667%
Target Compounds						
					Qvalue	
15) Acetone	4.228	58	23142m	25.743	ug/l	
25) Chloroform	7.746	83	5410	0.594	ug/l #	79
91) Naphthalene	15.439	128	11324	0.641	ug/l	99

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

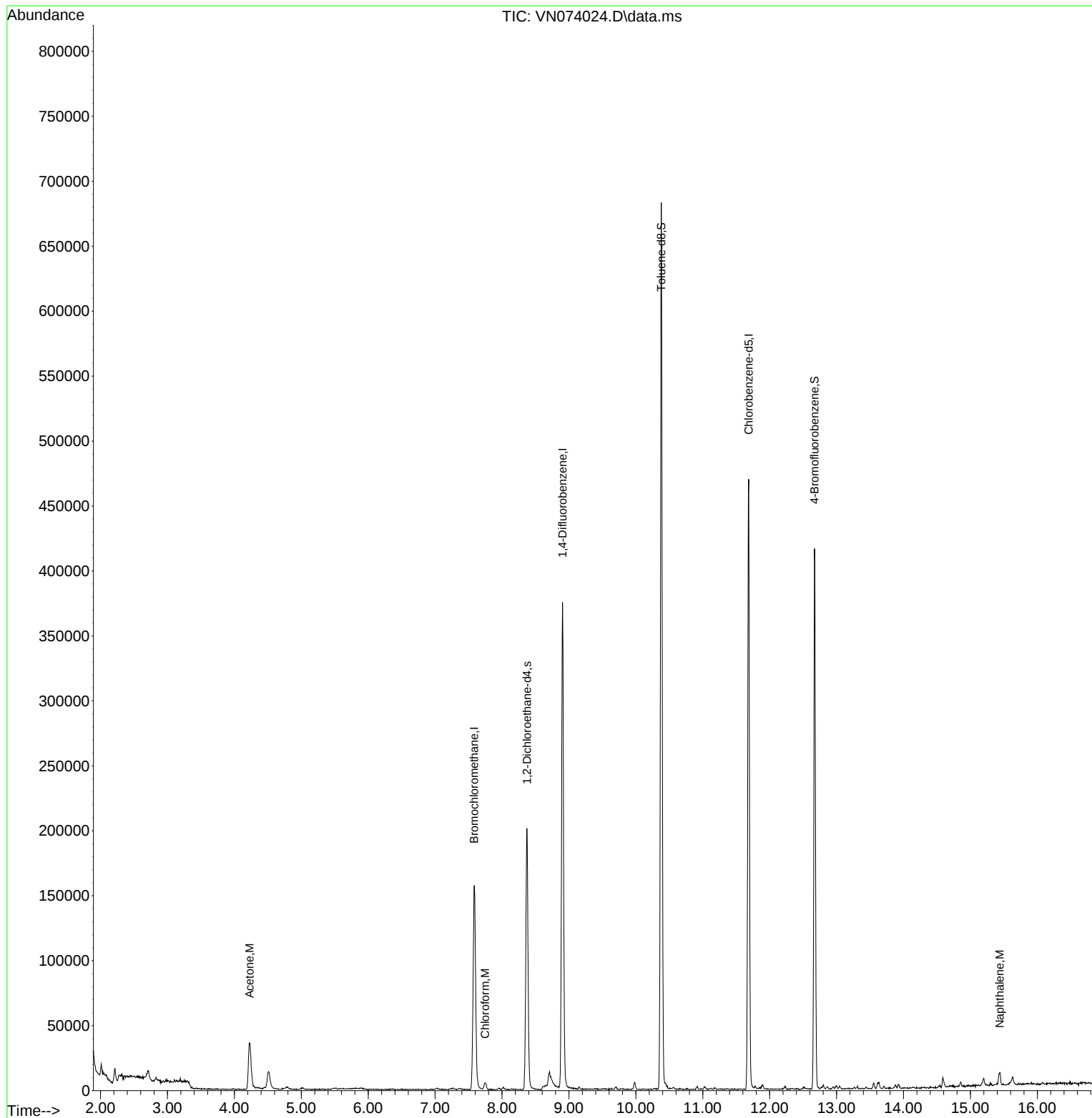
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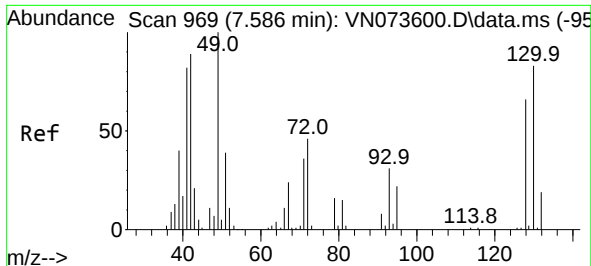
Instrument :
MSVOA_N
ClientSampleId :
220817006-01-TRIP-BLANK

Quant Time: Aug 20 02:46:07 2022
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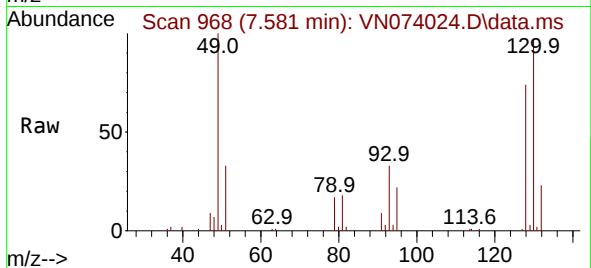
Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.581 min Scan# 968
Delta R.T. -0.005 min
Lab File: VN074024.D
Acq: 19 Aug 2022 14:10

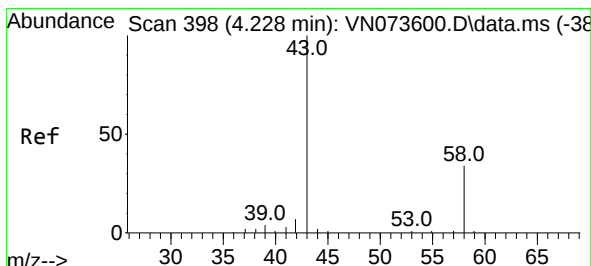
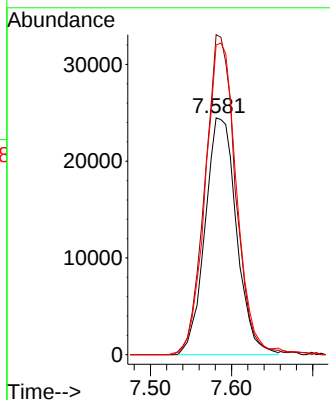
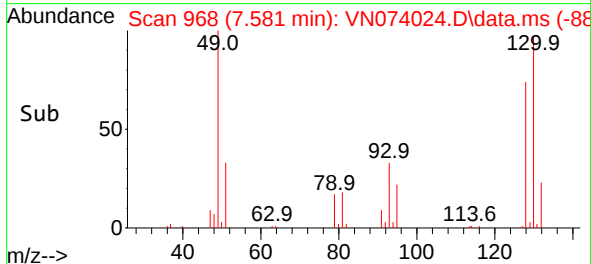
Instrument :
MSVOA_N
ClientSampleId :
220817006-01-TRIP-BLANK



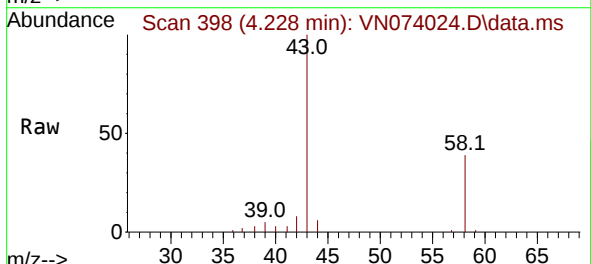
Tgt Ion:128 Resp: 65849
Ion Ratio Lower Upper
128 100
49 130.9 0.0 392.3
130 129.8 0.0 320.2

Manual Integrations
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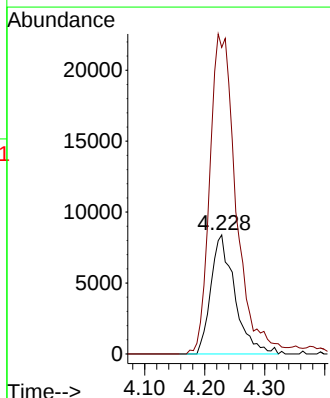
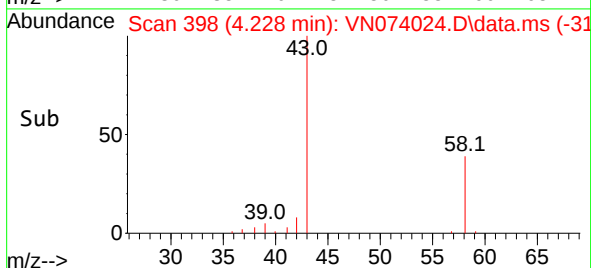
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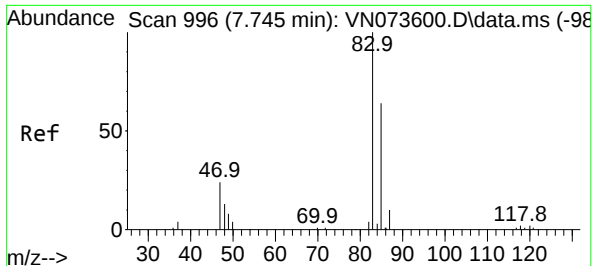


#15
Acetone
Concen: 25.743 ug/l m
RT: 4.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: VN074024.D
Acq: 19 Aug 2022 14:10



Tgt Ion: 58 Resp: 23142
Ion Ratio Lower Upper
58 100
43 257.4 256.6 384.8





#25

Chloroform

Concen: 0.594 ug/l

RT: 7.746 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN074024.D

Acq: 19 Aug 2022 14:10

Instrument :

MSVOA_N

ClientSampleId :

220817006-01-TRIP-BLANK

Tgt Ion: 83 Resp: 5410

Ion Ratio Lower Upper

83 100

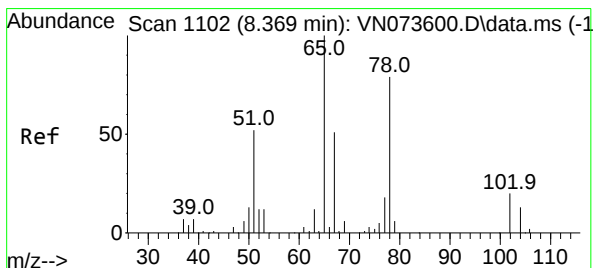
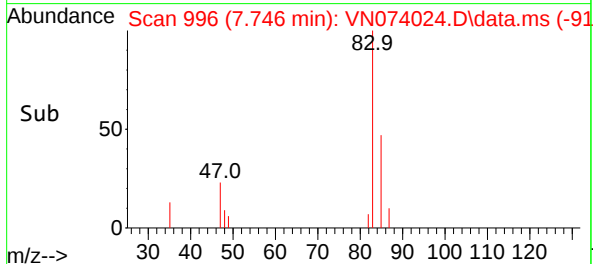
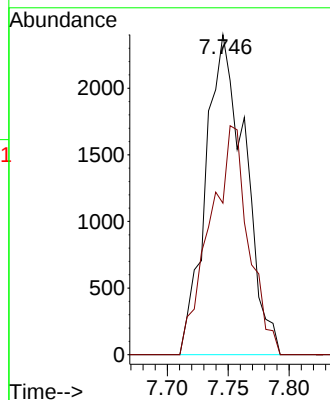
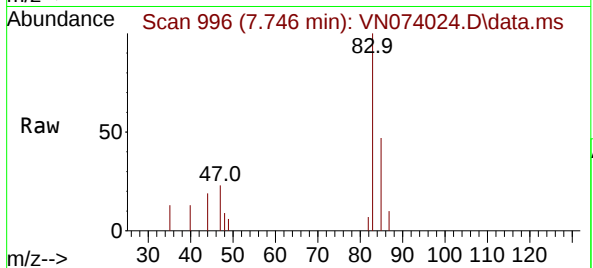
85 47.4 51.3 76.9

Manual Integrations

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#27

1,2-Dichloroethane-d4

Concen: 29.727 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074024.D

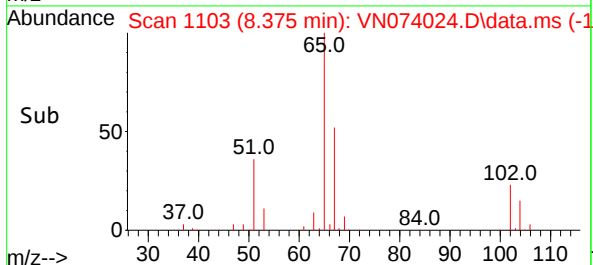
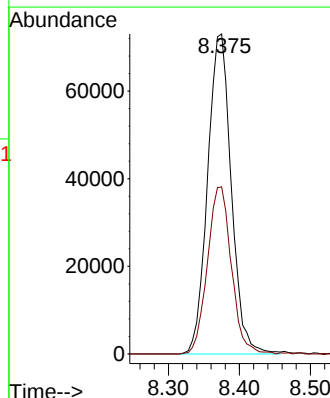
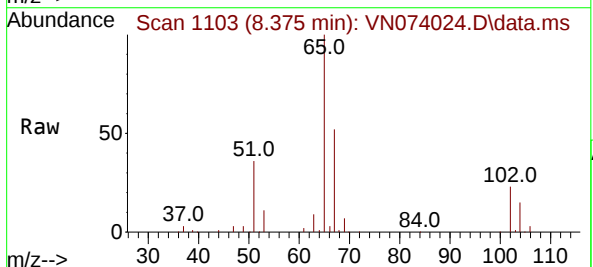
Acq: 19 Aug 2022 14:10

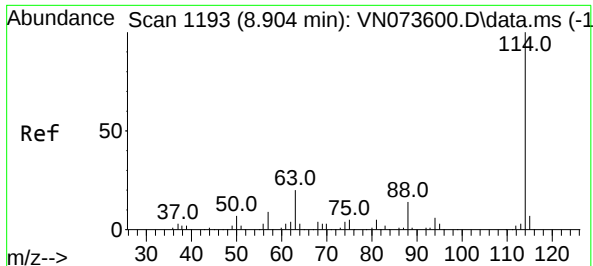
Tgt Ion: 65 Resp: 169247

Ion Ratio Lower Upper

65 100

67 52.6 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074024.D

Acq: 19 Aug 2022 14:10

Instrument :

MSVOA_N

ClientSampleId :

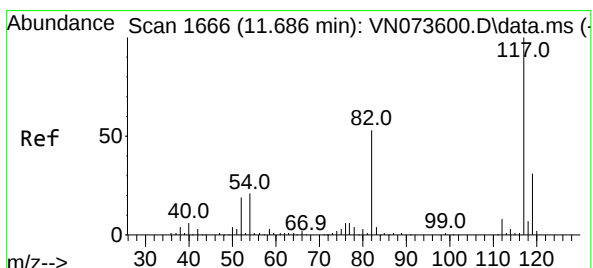
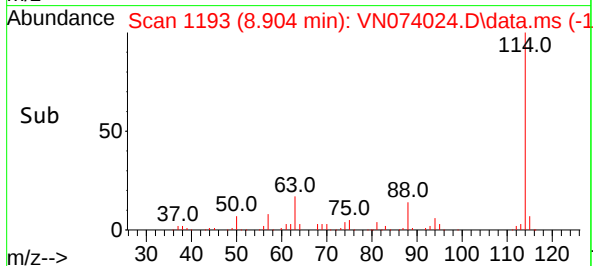
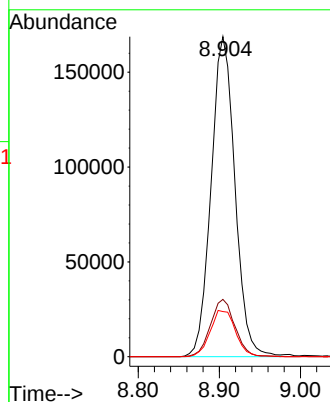
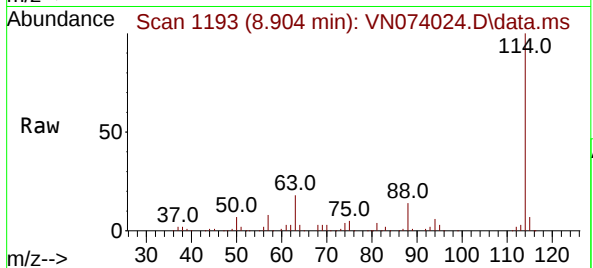
220817006-01-TRIP-BLANK

Tgt Ion:114	Resp: 34424
Ion Ratio	Lower Upper
114 100	
63 18.3	15.8 23.6
88 15.4	11.6 17.4

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#57

Chlorobenzene-d5

Concen: 30.000 ug/l

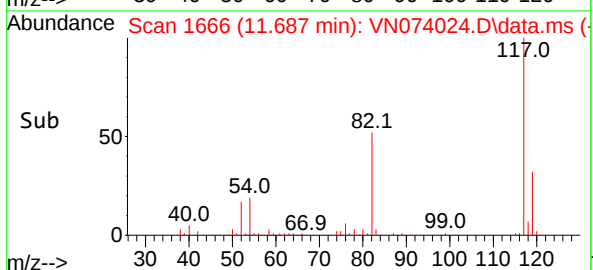
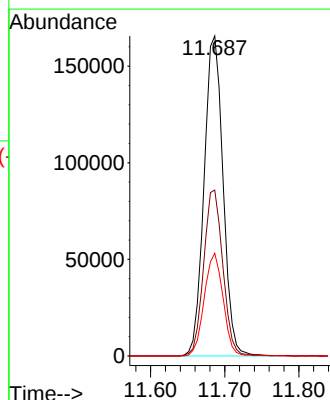
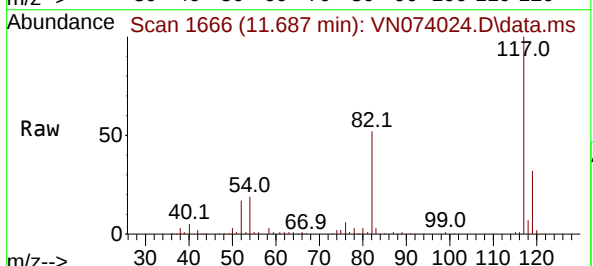
RT: 11.687 min Scan# 1666

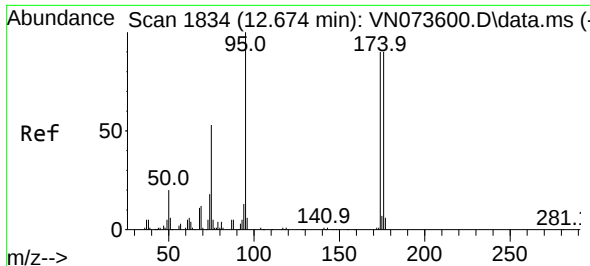
Delta R.T. 0.000 min

Lab File: VN074024.D

Acq: 19 Aug 2022 14:10

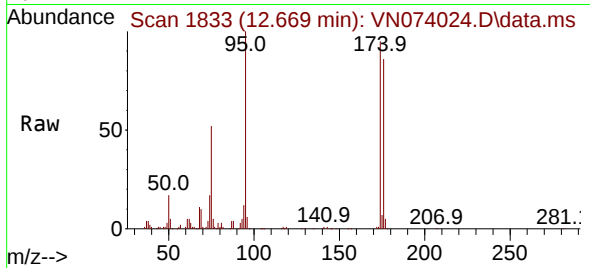
Tgt Ion:117	Resp: 294912
Ion Ratio	Lower Upper
117 100	
82 52.4	43.6 65.4
119 31.7	25.8 38.6





#60
4-Bromofluorobenzene
Concen: 26.060 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN074024.D
Acq: 19 Aug 2022 14:10

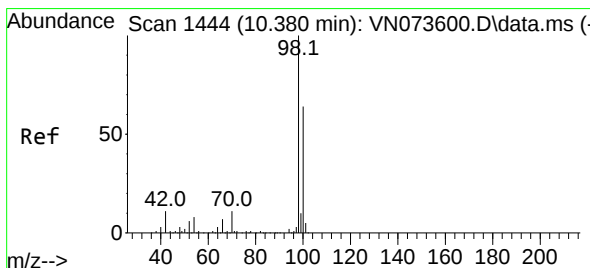
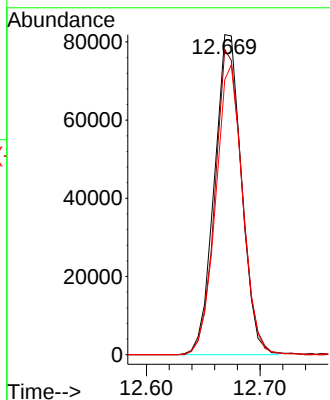
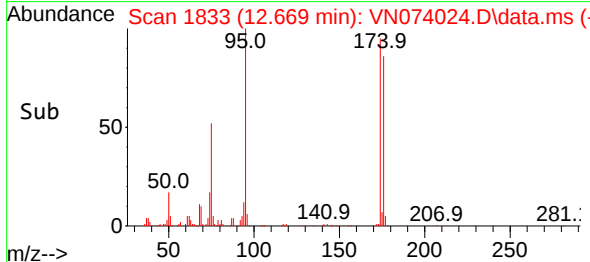
Instrument :
MSVOA_N
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Tgt Ion: 95 Resp: 136084
Ion Ratio Lower Upper
95 100
174 95.0 62.9 94.3
176 89.9 61.0 91.4

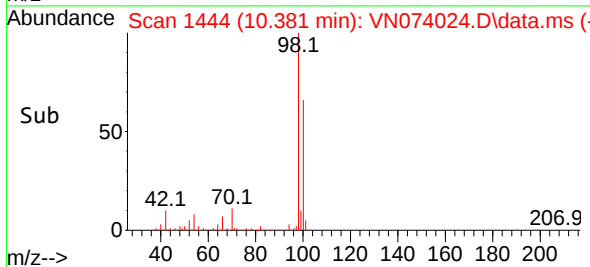
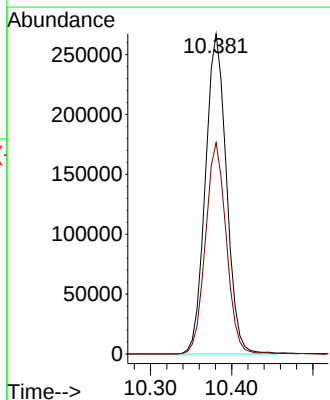
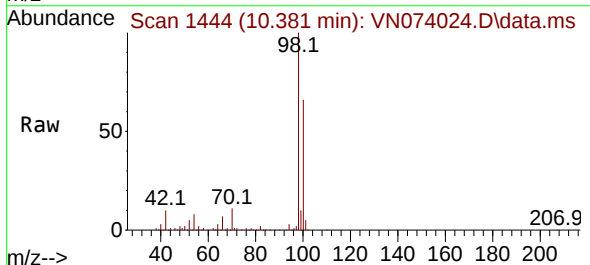
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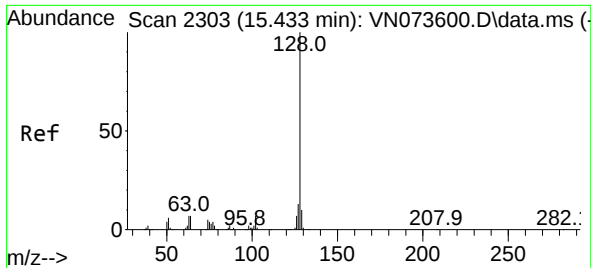
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#63
Toluene-d8
Concen: 28.998 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074024.D
Acq: 19 Aug 2022 14:10

Tgt Ion: 98 Resp: 481536
Ion Ratio Lower Upper
98 100
100 64.8 50.6 76.0





#91

Naphthalene

Concen: 0.641 ug/l

RT: 15.439 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN074024.D

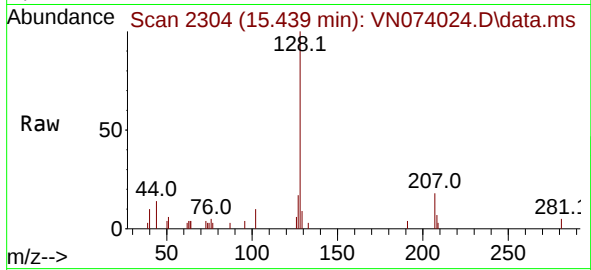
Acq: 19 Aug 2022 14:10

Instrument :

MSVOA_N

ClientSampleId :

220817006-01-TRIP-BLANK



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	10.2	9.0	13.6

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