

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070822\
 Data File : VX029978.D
 Acq On : 08 Jul 2022 17:15
 Operator : JC/MD
 Sample : N3646-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(JUL)

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2022
 Supervised By : Mahesh Dadoda 07/11/2022

Quant Time: Jul 09 02:20:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	29758	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	165852	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	149647	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	69794	28.763	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	95.867%	
60) 4-Bromofluorobenzene	11.085	95	80621	28.587	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	95.300%	
63) Toluene-d8	8.653	98	239299	29.490	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	98.300%	
Target Compounds						
15) Acetone	2.380	58	120248	301.377	ug/l	Qvalue 83
16) Carbon Disulfide	2.514	76	3097m	0.566	ug/l	
30) 2-Butanone	4.562	43	25849	13.498	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	10064	2.723	ug/l	99
62) Toluene	8.726	91	46375	4.659	ug/l	96
80) 1,2,4-Trimethylbenzene	11.756	105	3678	0.414	ug/l	48

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

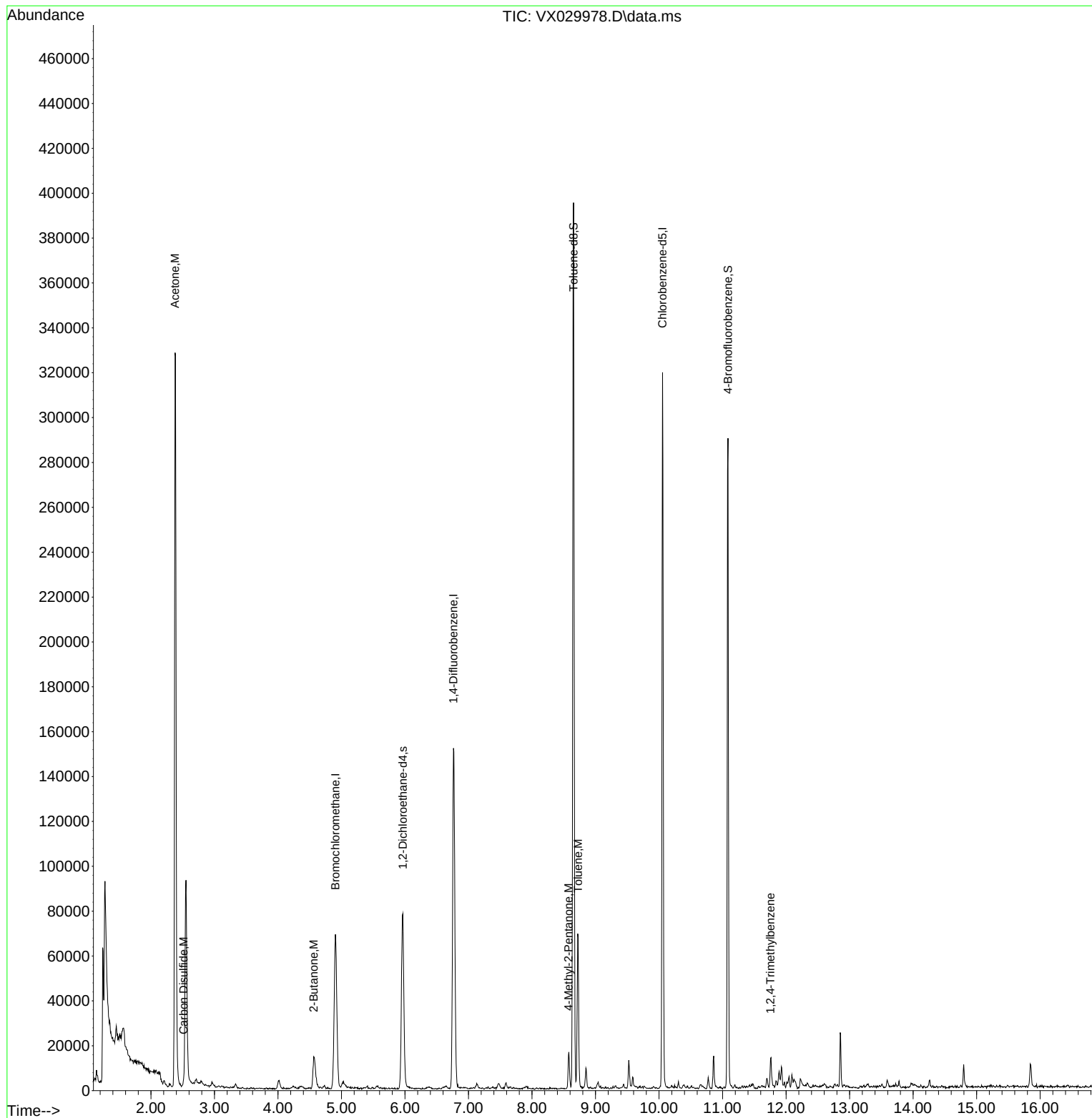
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070822\
Data File : VX029978.D
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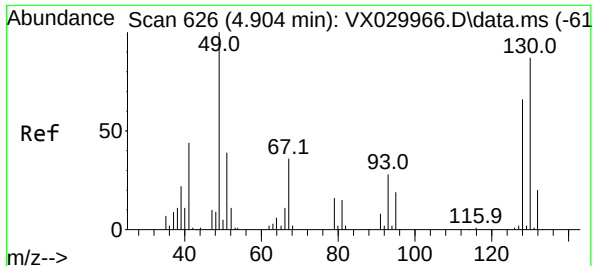
Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Jul 09 02:20:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
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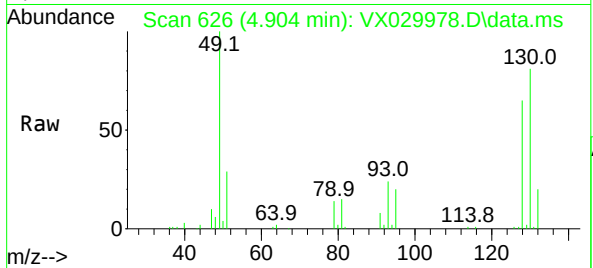
Reviewed By : John Carlone 07/11/2022
Supervised By : Mahesh Dadoda 07/11/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX029978.D
Acq: 08 Jul 2022 17:15

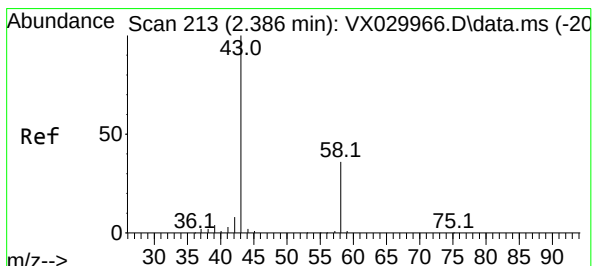
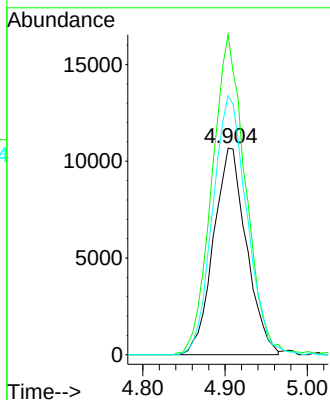
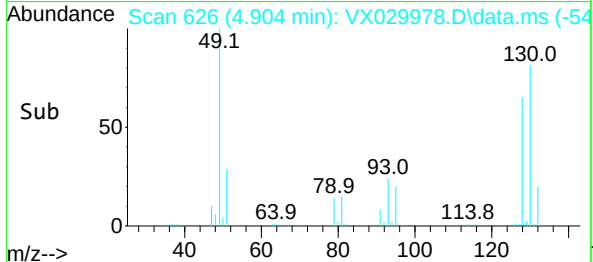
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUL)



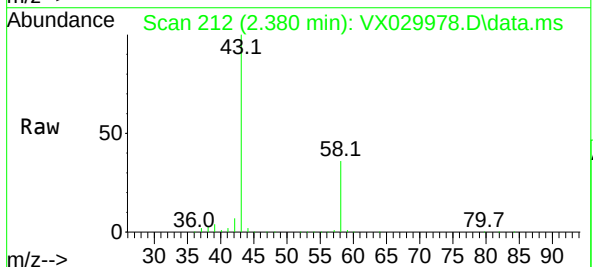
Tgt Ion:128 Resp: 29758
Ion Ratio Lower Upper
128 100
49 157.4 0.0 358.3
130 130.2 0.0 319.3

Manual Integrations
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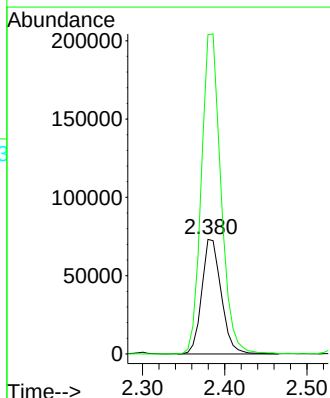
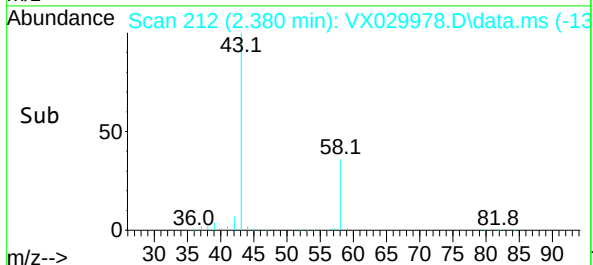
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

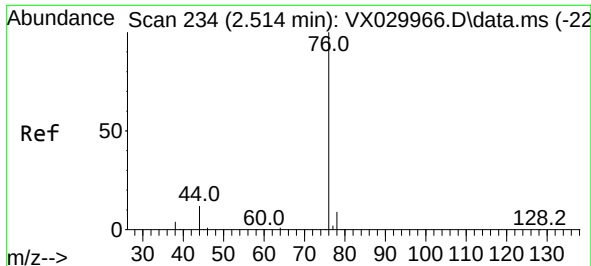


#15
Acetone
Concen: 301.377 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX029978.D
Acq: 08 Jul 2022 17:15



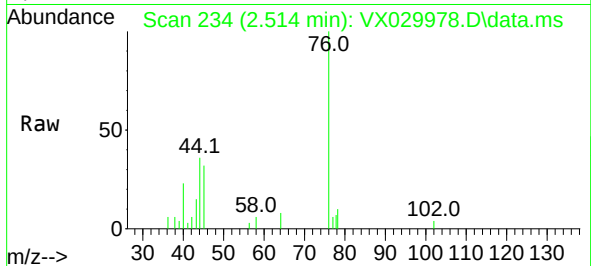
Tgt Ion: 58 Resp: 120248
Ion Ratio Lower Upper
58 100
43 279.0 250.2 375.2





#16
Carbon Disulfide
Concen: 0.566 ug/l m
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029978.D
Acq: 08 Jul 2022 17:15

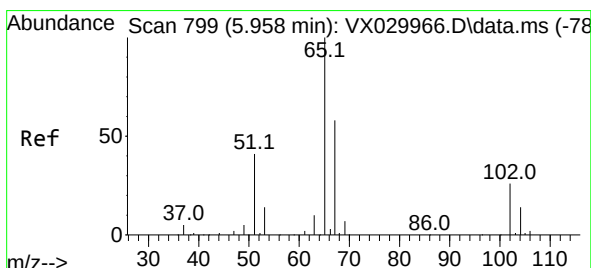
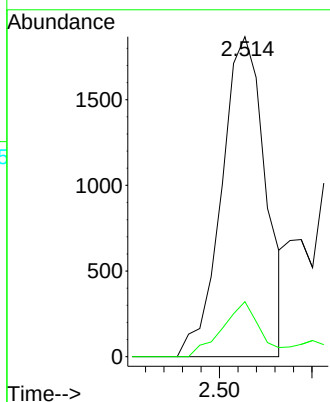
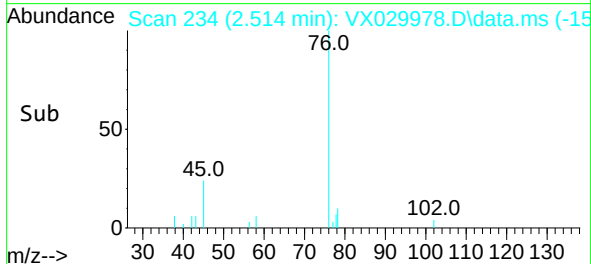
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Tgt Ion: 76 Resp: 309
Ion Ratio Lower Upper
76 100
78 9.9 7.1 10.7

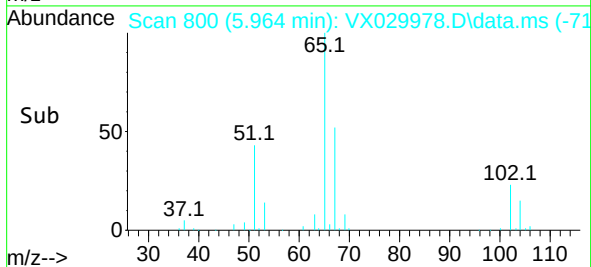
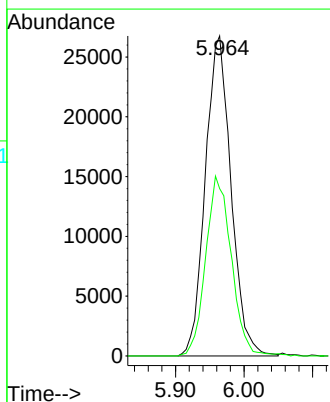
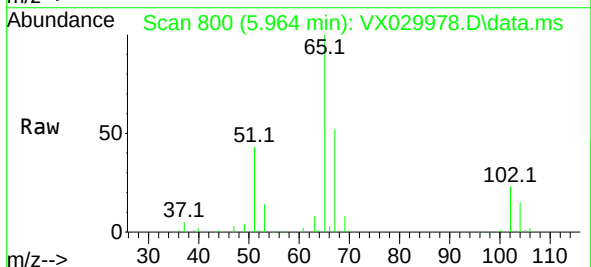
Manual Integrations
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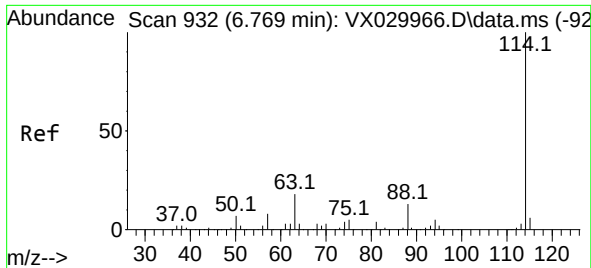
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#27
1,2-Dichloroethane-d4
Concen: 28.763 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029978.D
Acq: 08 Jul 2022 17:15

Tgt Ion: 65 Resp: 69794
Ion Ratio Lower Upper
65 100
67 55.8 42.3 63.5





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX029978.D

Acq: 08 Jul 2022 17:15

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(JUL)

Tgt Ion:114 Resp: 165852

Ion Ratio Lower Upper

114 100

63 18.7 15.3 22.9

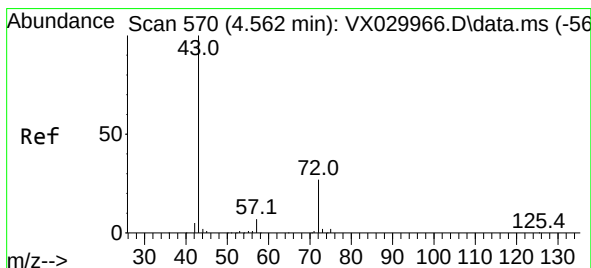
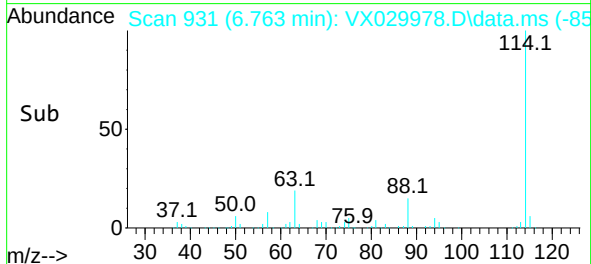
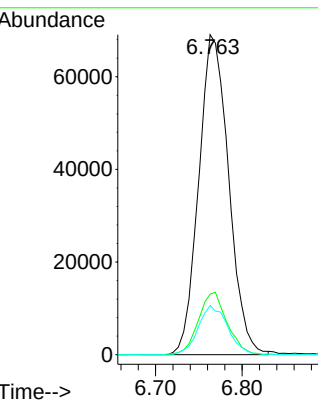
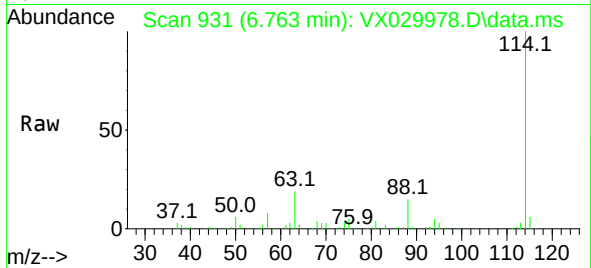
88 15.1 12.2 18.4

Manual Integrations

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Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#30

2-Butanone

Concen: 13.498 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX029978.D

Acq: 08 Jul 2022 17:15

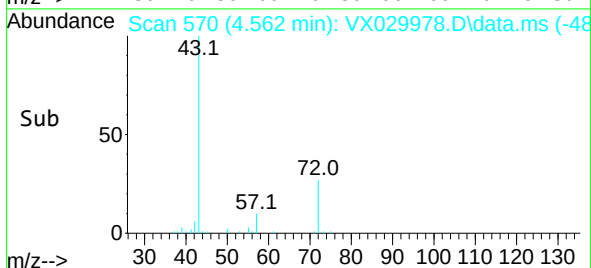
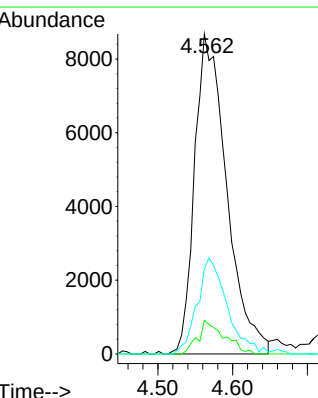
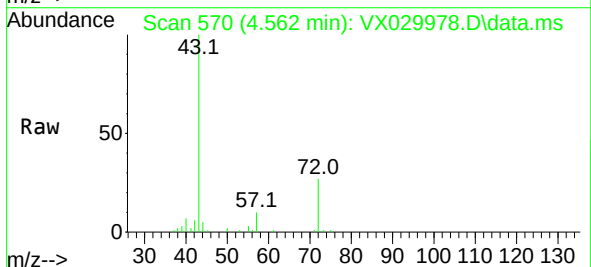
Tgt Ion: 43 Resp: 25849

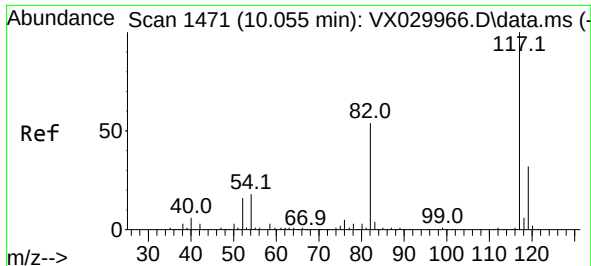
Ion Ratio Lower Upper

43 100

57 6.9 6.6 10.0

72 27.7 22.1 33.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029978.D

Acq: 08 Jul 2022 17:15

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(JUL)

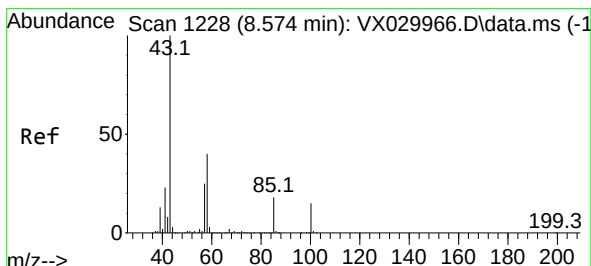
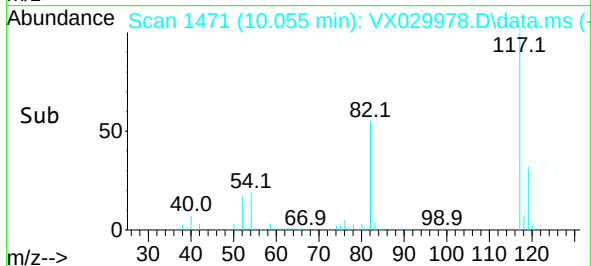
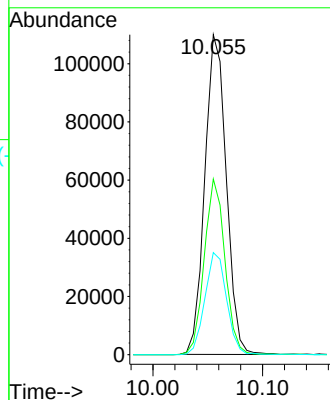
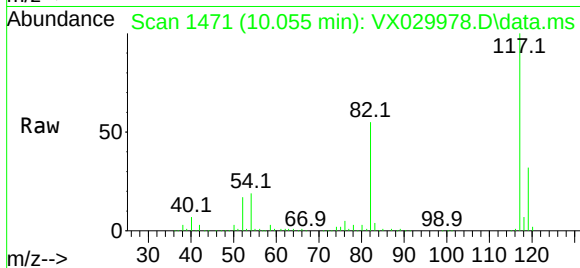
Tgt Ion:	117	Resp:	14964
Ion Ratio	Lower	Upper	
117	100		
82	52.8	42.3	63.5
119	32.1	26.2	39.2

Manual Integrations

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Supervised By :Mahesh Dadoda 07/11/2022



#58

4-Methyl-2-Pentanone

Concen: 2.723 ug/l

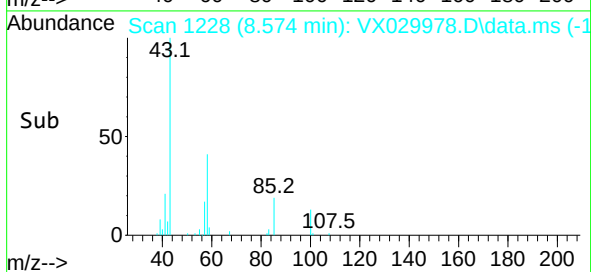
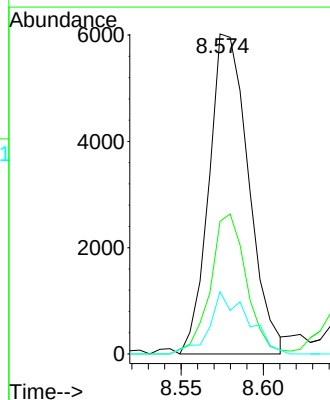
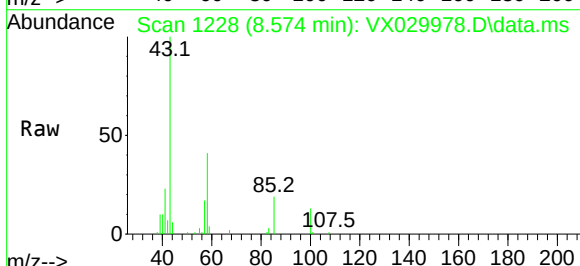
RT: 8.574 min Scan# 1228

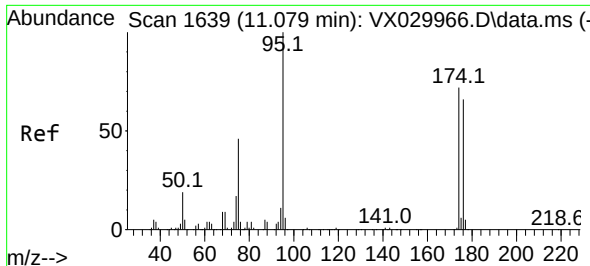
Delta R.T. 0.000 min

Lab File: VX029978.D

Acq: 08 Jul 2022 17:15

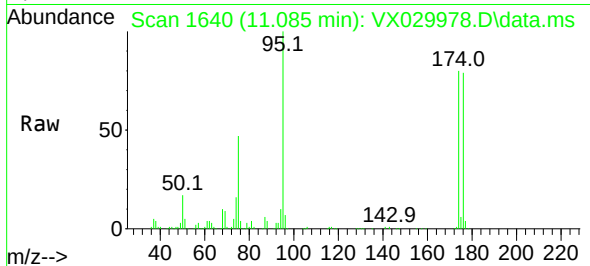
Tgt Ion:	43	Resp:	10064
Ion Ratio	Lower	Upper	
43	100		
58	39.8	31.8	47.6
85	18.8	15.8	23.6





#60
4-Bromofluorobenzene
Concen: 28.587 ug/l
RT: 11.085 min Scan# 11085
Delta R.T. 0.006 min
Lab File: VX029978.D
Acq: 08 Jul 2022 17:15

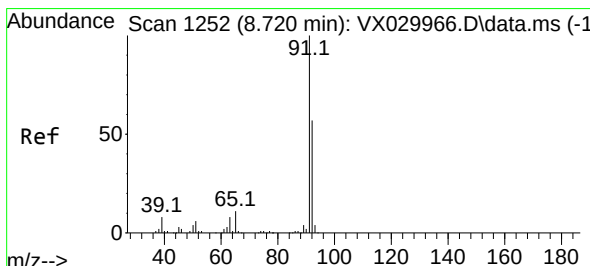
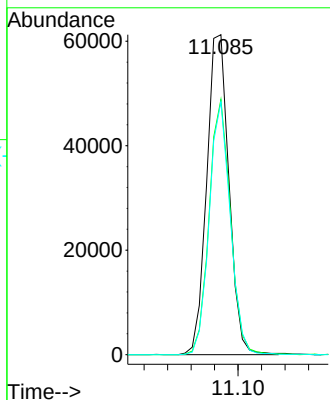
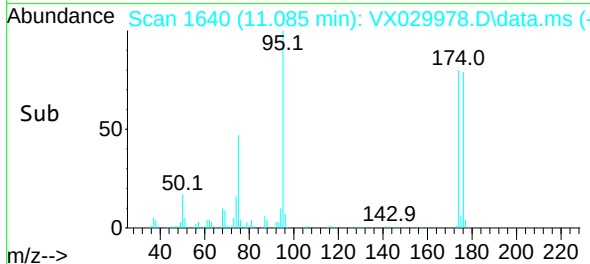
Instrument :
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ClientSampleId :
002-35TH-AVE(JUL)



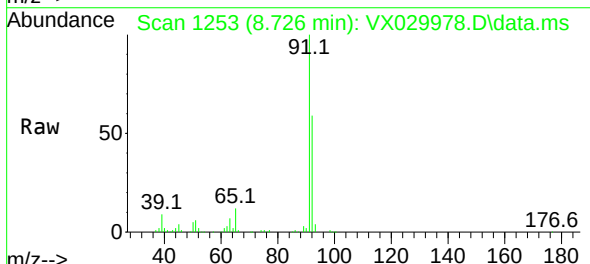
Tgt Ion: 95 Resp: 8062
Ion Ratio Lower Upper
95 100
174 76.5 65.4 98.2
176 74.4 63.4 95.0

Manual Integrations
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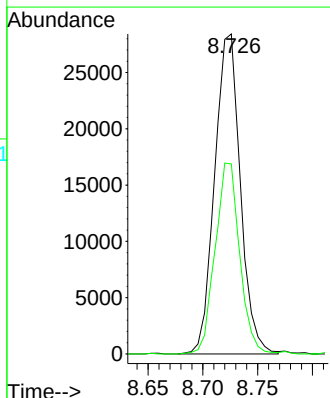
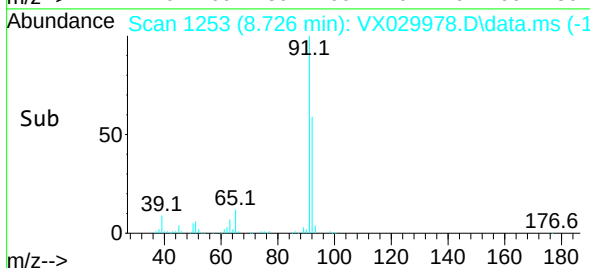
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

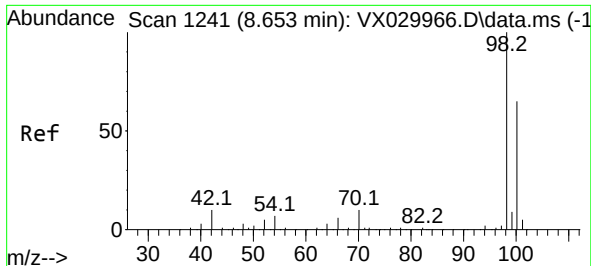


#62
Toluene
Concen: 4.659 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX029978.D
Acq: 08 Jul 2022 17:15



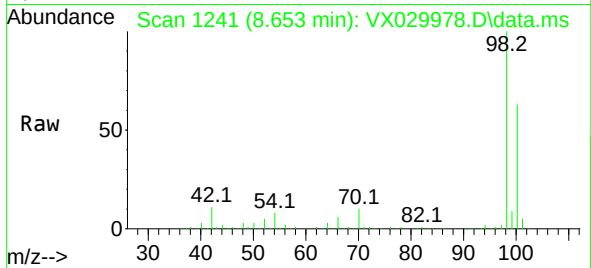
Tgt Ion: 91 Resp: 46375
Ion Ratio Lower Upper
91 100
92 57.0 48.1 72.1





#63
Toluene-d8
Concen: 29.490 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029978.D
Acq: 08 Jul 2022 17:15

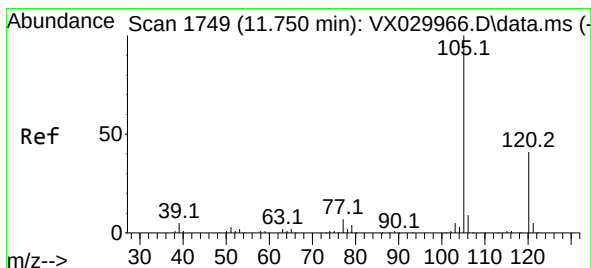
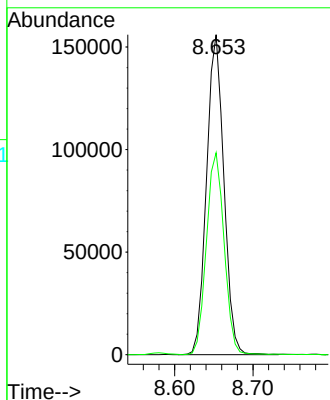
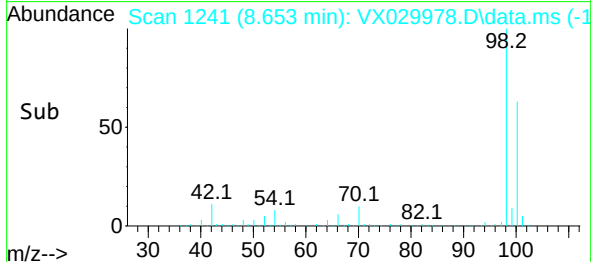
Instrument :
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002-35TH-AVE(JUL)



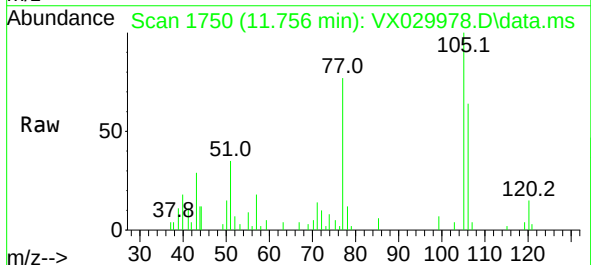
Tgt Ion: 98 Resp: 239299
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.2

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/11/2022



#80
1,2,4-Trimethylbenzene
Concen: 0.414 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX029978.D
Acq: 08 Jul 2022 17:15



Tgt Ion:105 Resp: 3678
Ion Ratio Lower Upper
105 100
120 11.0 0.0 89.6

