

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080723\
 Data File : VX036845.D
 Acq On : 07 Aug 2023 18:29
 Operator : JC/MD
 Sample : 03895-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MCLEAN-TP11

Quant Time: Aug 08 01:39:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/08/2023
 Supervised By : Mahesh Dadoda 08/08/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	128397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234236	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89054	46.875	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.740%		
35) Dibromofluoromethane	5.385	113	75463	46.871	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.740%		
50) Toluene-d8	8.647	98	282879	49.546	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.100%		
62) 4-Bromofluorobenzene	11.079	95	111309	51.674	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.340%		
Target Compounds						
16) Acetone	2.380	43	37446	47.499	ug/l	93
20) Methylene Chloride	2.794	84	13373	7.627	ug/l #	85
25) 2-Butanone	4.568	43	16774	13.114	ug/l	95
37) Ethyl Acetate	4.733	43	4821	1.775	ug/l #	96
43) Isopropyl Acetate	6.342	43	111629	23.876	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	32940m	12.731	ug/l	

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

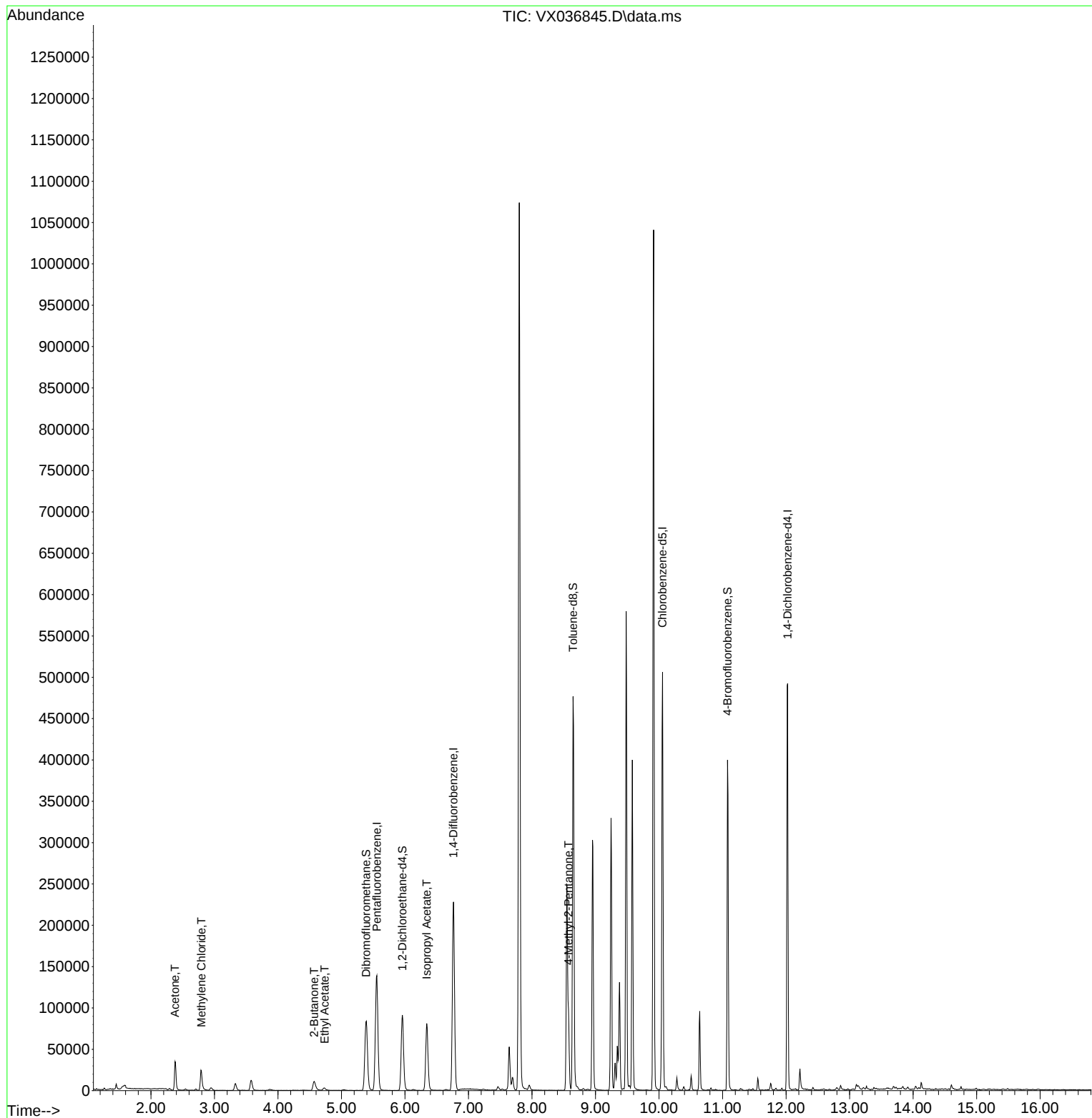
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080723\
Data File : VX036845.D
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Operator : JC/MD
Sample : 03895-02
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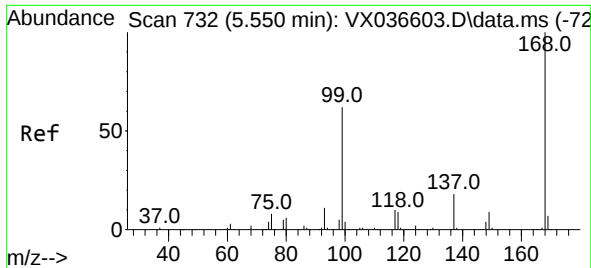
Instrument :
MSVOA_X
ClientSampleId :
MCLEAN-TP11

Quant Time: Aug 08 01:39:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

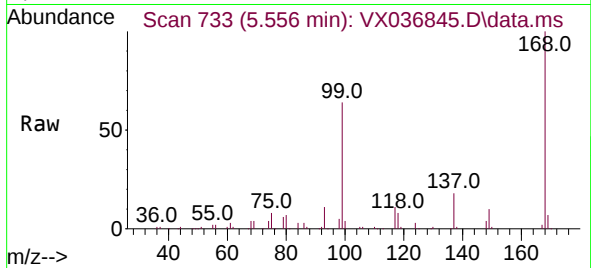
Reviewed By : John Carlone 08/08/2023
Supervised By : Mahesh Dadoda 08/08/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036845.D
Acq: 07 Aug 2023 18:29

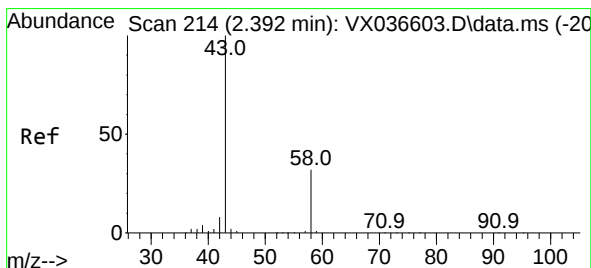
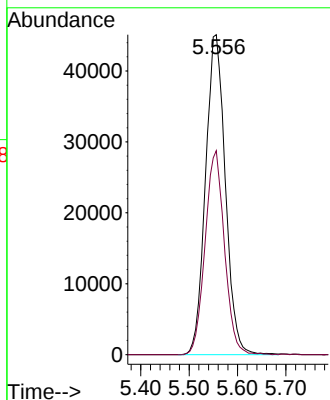
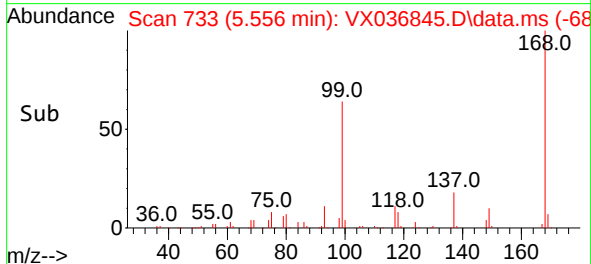
Instrument :
MSVOA_X
ClientSampleId :
MCLEAN-TP11



Tgt Ion:168 Resp: 12839
Ion Ratio Lower Upper
168 100
99 63.8 56.6 85.0

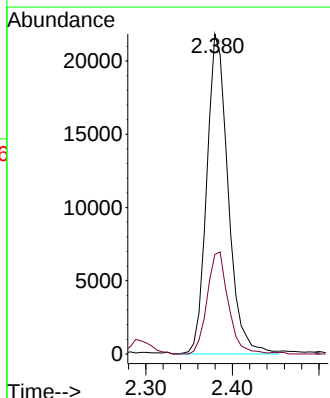
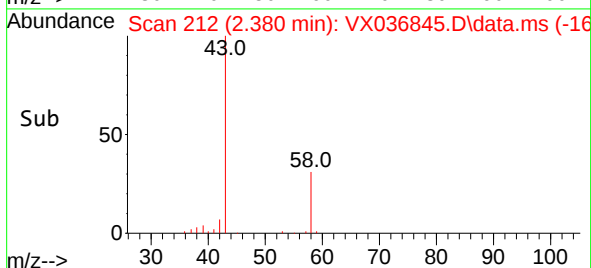
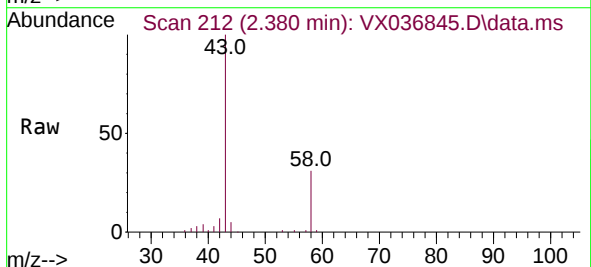
Manual Integrations
APPROVED

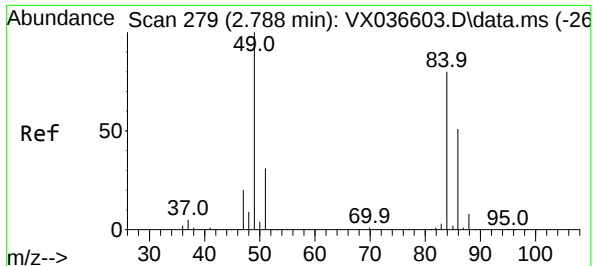
Reviewed By :John Carlone 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023



#16
Acetone
Concen: 47.499 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036845.D
Acq: 07 Aug 2023 18:29

Tgt Ion: 43 Resp: 37446
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9





#20

Methylene Chloride

Concen: 7.627 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX036845.D

Acq: 07 Aug 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

MCLEAN-TP11

Tgt Ion: 84 Resp: 1337

Ion Ratio Lower Upper

84 100

49 106.9 103.6 155.4

51 32.4 33.8 50.6

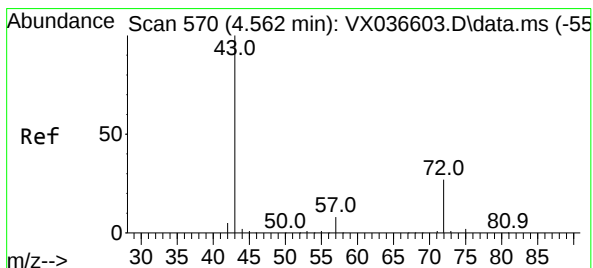
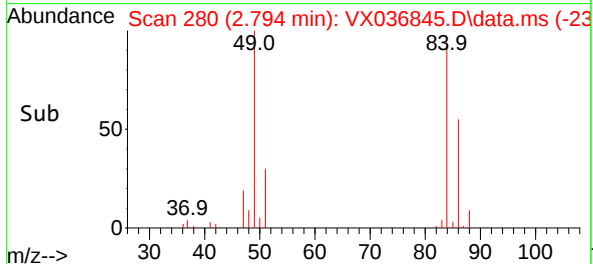
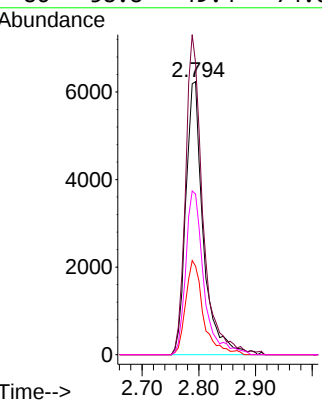
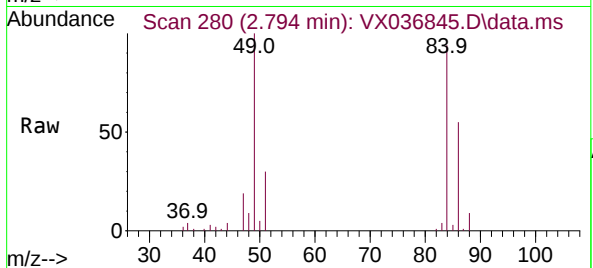
86 58.8 49.4 74.0

Manual Integrations

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#25

2-Butanone

Concen: 13.114 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX036845.D

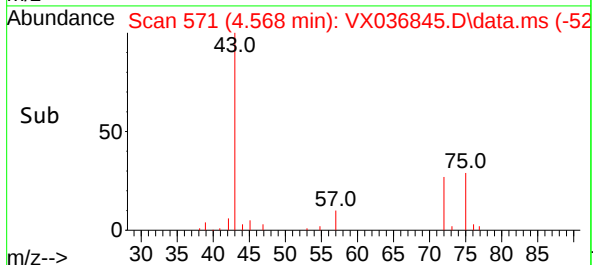
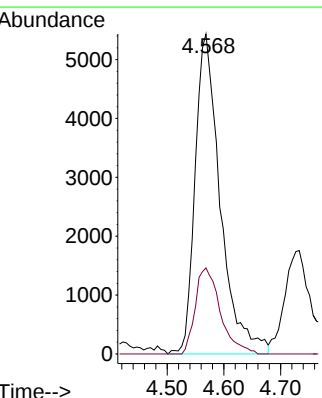
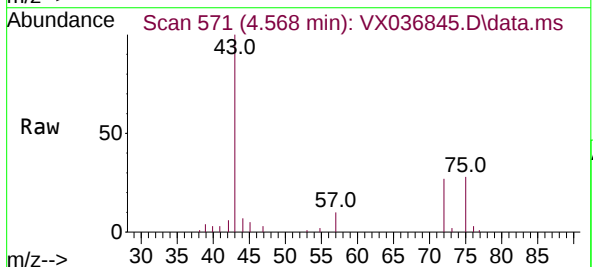
Acq: 07 Aug 2023 18:29

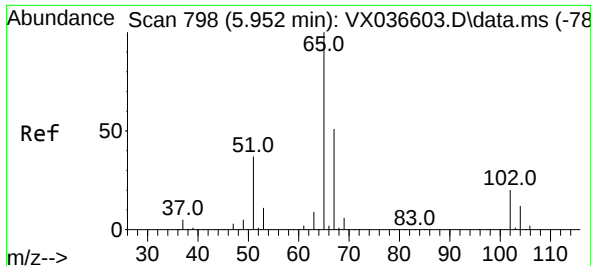
Tgt Ion: 43 Resp: 16774

Ion Ratio Lower Upper

43 100

72 26.9 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 46.875 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036845.D

Acq: 07 Aug 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

MCLEAN-TP11

Tgt Ion: 65 Resp: 89054

Ion Ratio Lower Upper

65 100

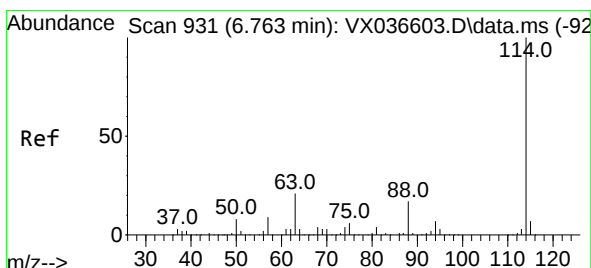
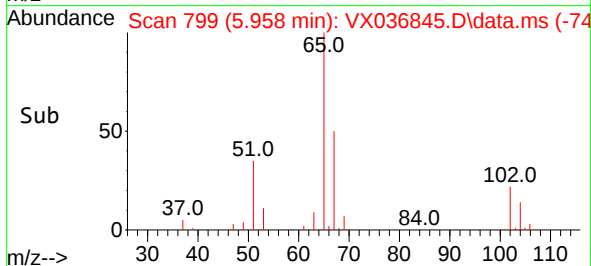
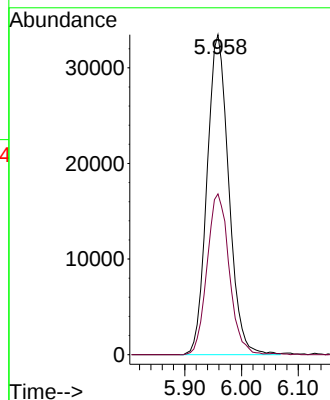
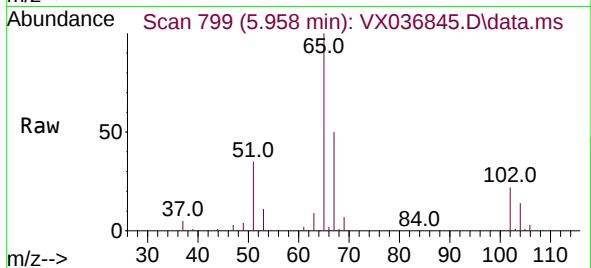
67 51.2 0.0 100.2

Manual Integrations

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Supervised By :Mahesh Dadoda 08/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036845.D

Acq: 07 Aug 2023 18:29

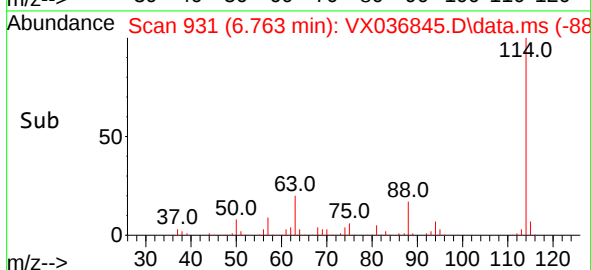
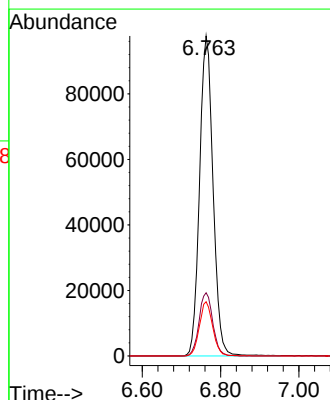
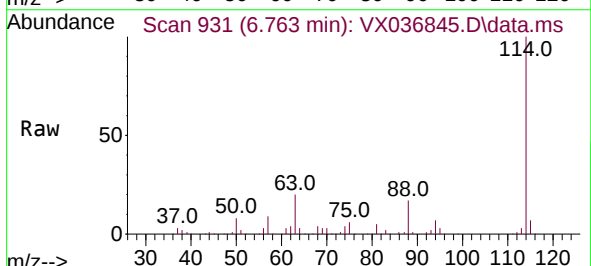
Tgt Ion:114 Resp: 234236

Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

88 16.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.871 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036845.D

Acq: 07 Aug 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

MCLEAN-TP11

Tgt Ion:113 Resp: 7546

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

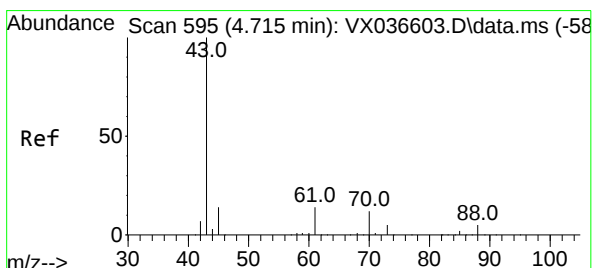
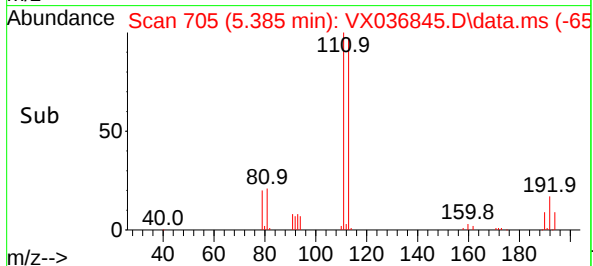
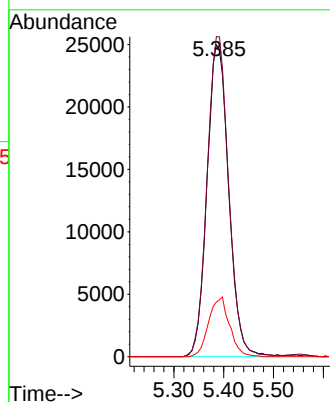
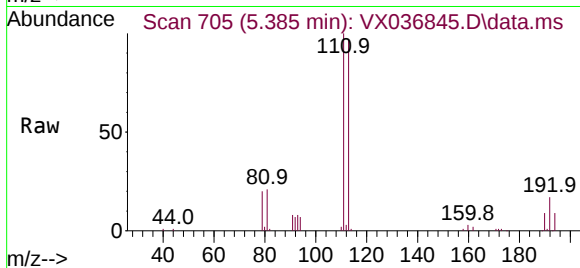
192 18.4 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2023

Supervised By :Mahesh Dadoda 08/08/2023



#37

Ethyl Acetate

Concen: 1.775 ug/l

RT: 4.733 min Scan# 598

Delta R.T. 0.018 min

Lab File: VX036845.D

Acq: 07 Aug 2023 18:29

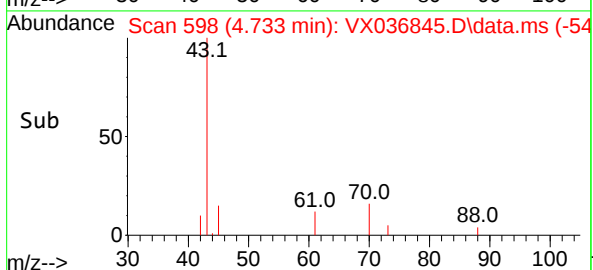
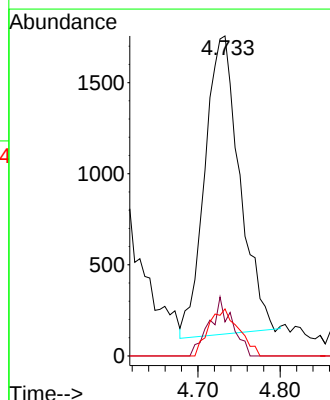
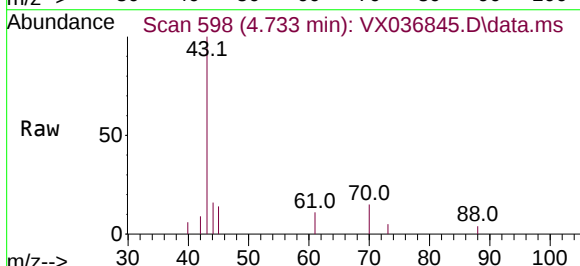
Tgt Ion: 43 Resp: 4821

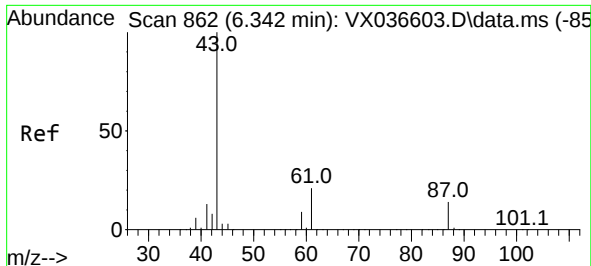
Ion Ratio Lower Upper

43 100

61 12.9 10.6 16.0

70 13.6 8.3 12.5





#43

Isopropyl Acetate

Concen: 23.876 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX036845.D

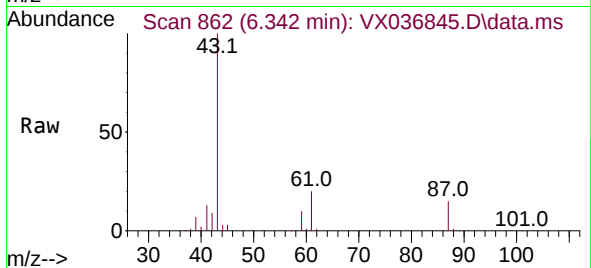
Acq: 07 Aug 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

MCLEAN-TP11



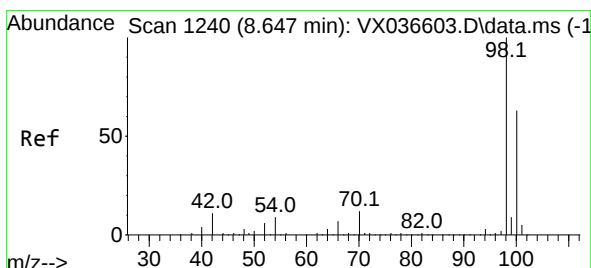
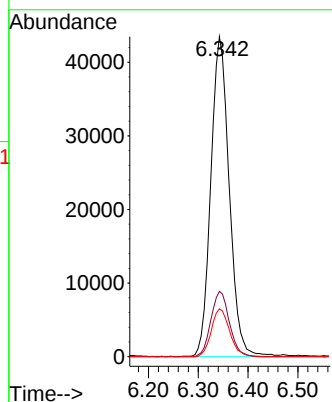
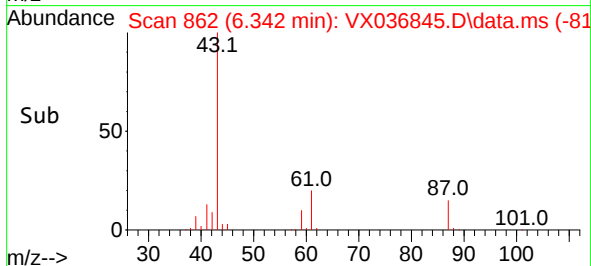
Tgt Ion: 43	Resp: 111629
Ion Ratio	Lower Upper
43	100
61	20.4 15.2 22.8
87	14.8 9.8 14.6

Manual Integrations

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Supervised By :Mahesh Dadoda 08/08/2023



#50

Toluene-d8

Concen: 49.546 ug/l

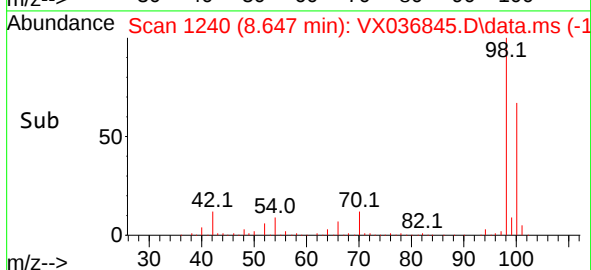
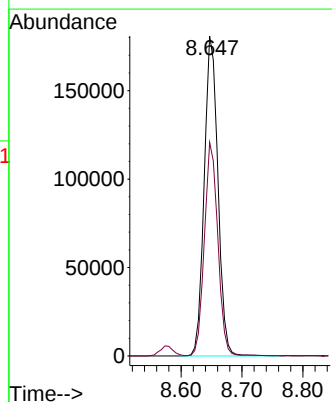
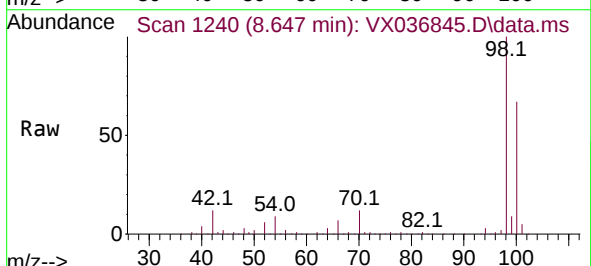
RT: 8.647 min Scan# 1240

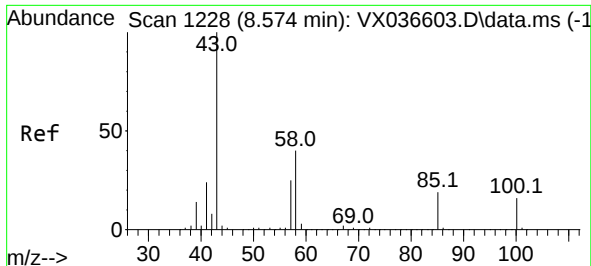
Delta R.T. 0.000 min

Lab File: VX036845.D

Acq: 07 Aug 2023 18:29

Tgt Ion: 98	Resp: 282879
Ion Ratio	Lower Upper
98	100
100	65.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 12.731 ug/l m

RT: 8.574 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036845.D

Acq: 07 Aug 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

MCLEAN-TP11

Tgt Ion: 43 Resp: 32940

Ion Ratio Lower Upper

43 100

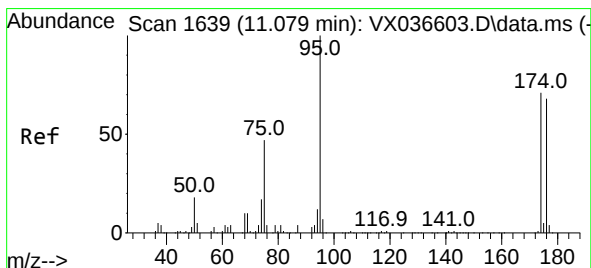
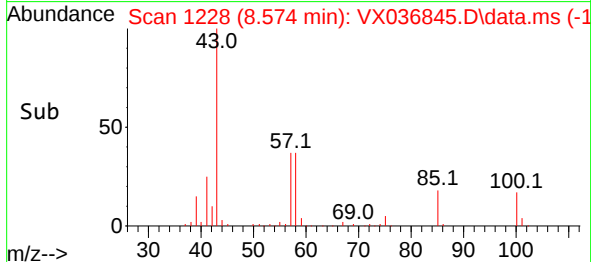
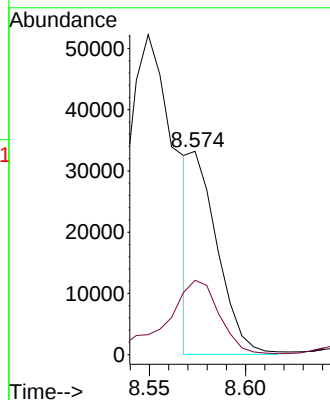
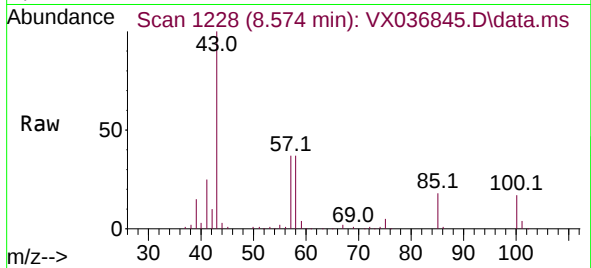
58 0.0 30.4 45.6

Manual Integrations

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Reviewed By :John Carlone 08/08/2023

Supervised By :Mahesh Dadoda 08/08/2023



#62

4-Bromofluorobenzene

Concen: 51.674 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036845.D

Acq: 07 Aug 2023 18:29

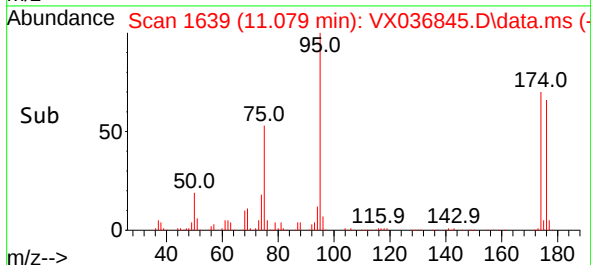
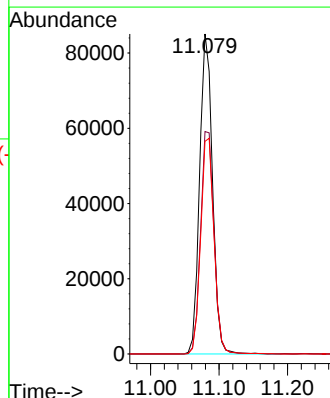
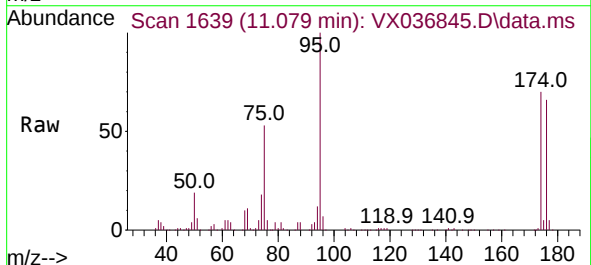
Tgt Ion: 95 Resp: 111309

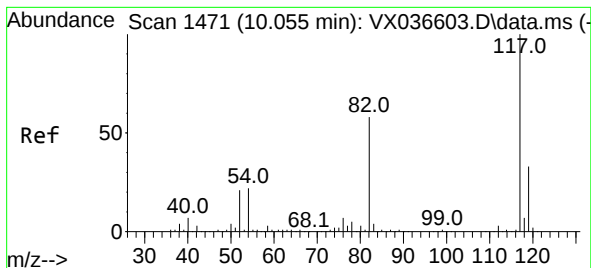
Ion Ratio Lower Upper

95 100

174 72.6 0.0 135.6

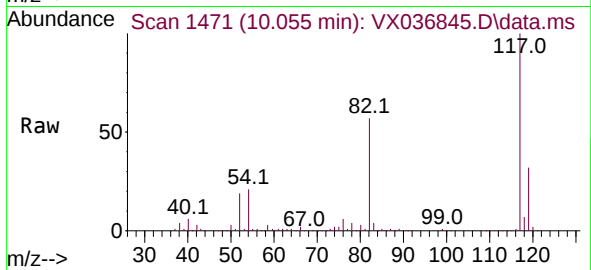
176 69.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036845.D
Acq: 07 Aug 2023 18:29

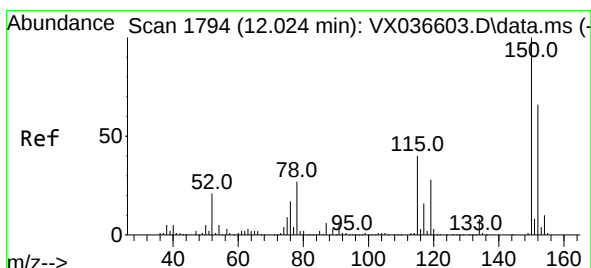
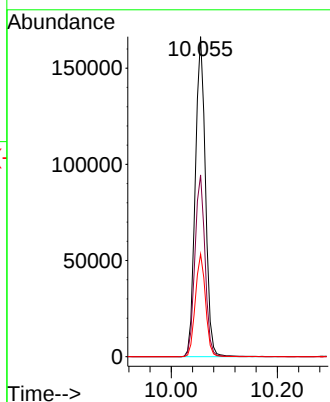
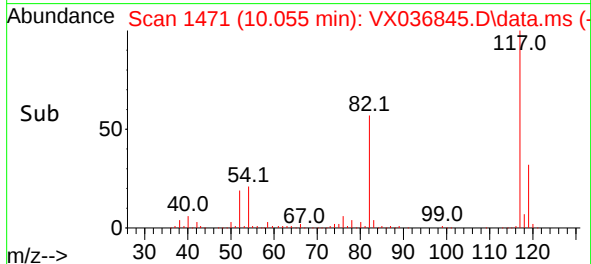
Instrument :
MSVOA_X
ClientSampleId :
MCLEAN-TP11



Tgt Ion:117 Resp: 221479
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.0 25.5 38.3

Manual Integrations
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Supervised By :Mahesh Dadoda 08/08/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036845.D
Acq: 07 Aug 2023 18:29

Tgt Ion:152 Resp: 103376
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 157.2 0.0 345.0

