

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080723\
 Data File : VX036846.D
 Acq On : 07 Aug 2023 18:53
 Operator : JC/MD
 Sample : 03887-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MCLEAN-TP2

Quant Time: Aug 08 01:40:24 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	138228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254963	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96853	47.354	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.700%		
35) Dibromofluoromethane	5.385	113	81573	46.547	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.100%		
50) Toluene-d8	8.647	98	305852	49.215	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.420%		
62) 4-Bromofluorobenzene	11.079	95	120789	51.516	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.040%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	33251	39.178	ug/l #	89
20) Methylene Chloride	2.794	84	5627	2.981	ug/l	91
25) 2-Butanone	4.568	43	15925	11.565	ug/l	95
37) Ethyl Acetate	4.721	43	5100	1.725	ug/l	98
43) Isopropyl Acetate	6.342	43	110433	21.700	ug/l #	94
51) 4-Methyl-2-Pentanone	8.568	43	32158m	11.419	ug/l	

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

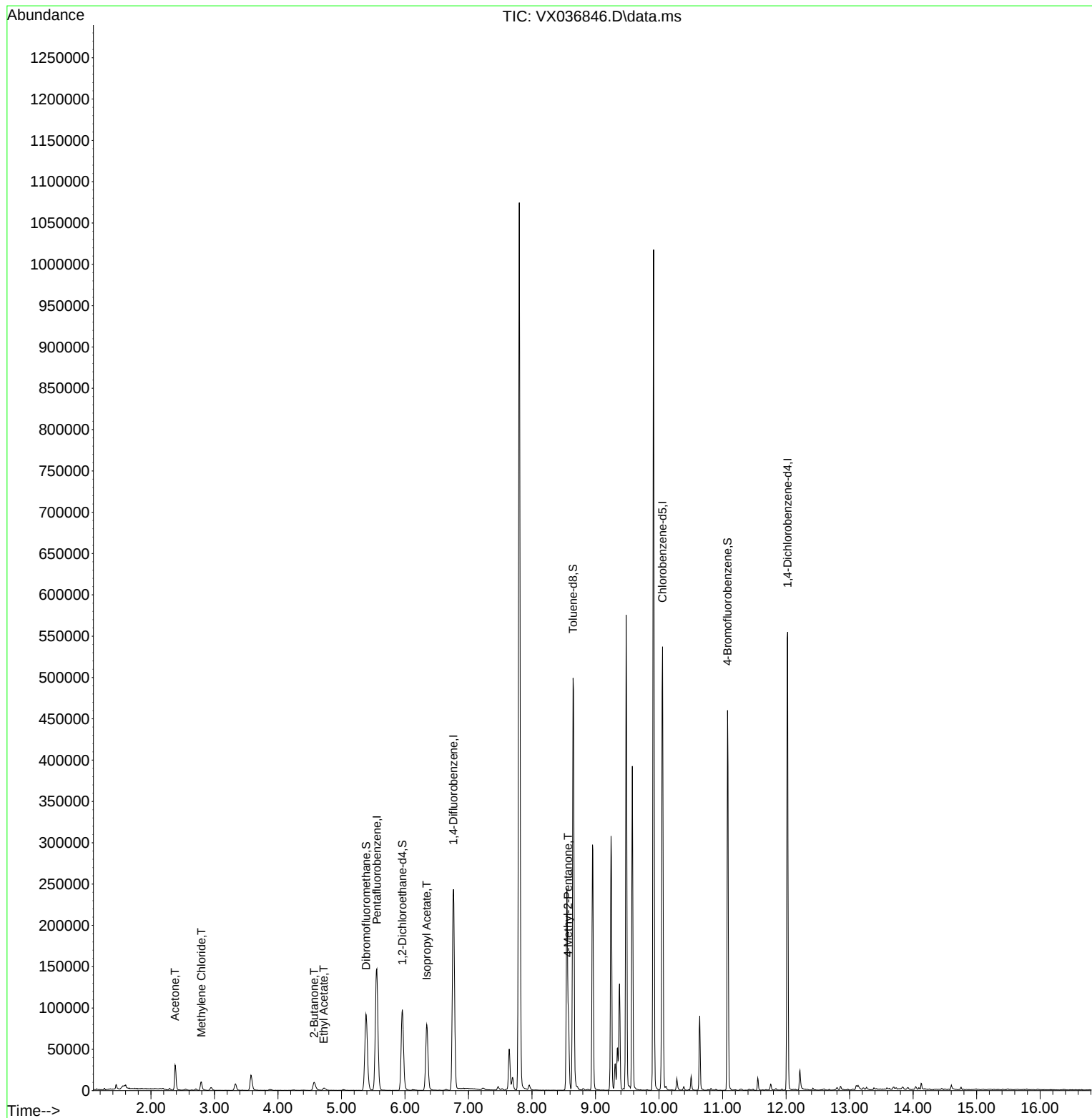
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080723\
Data File : VX036846.D
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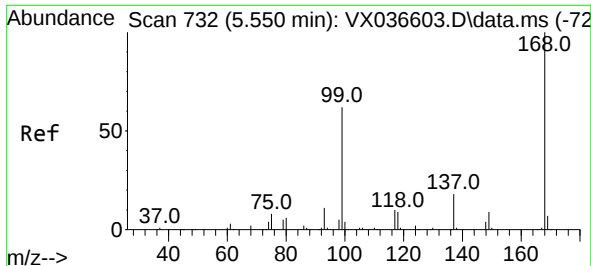
Instrument :
MSVOA_X
ClientSampleId :
MCLEAN-TP2

Quant Time: Aug 08 01:40:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
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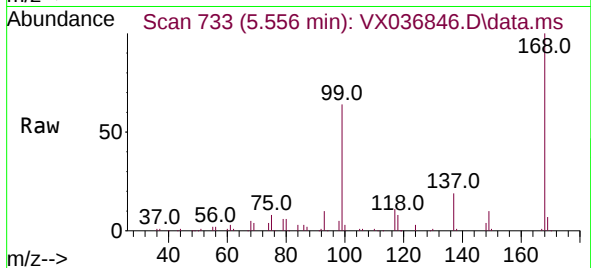
Reviewed By : John Carlone 08/08/2023
Supervised By : Mahesh Dadoda 08/08/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX036846.D
Acq: 07 Aug 2023 18:53

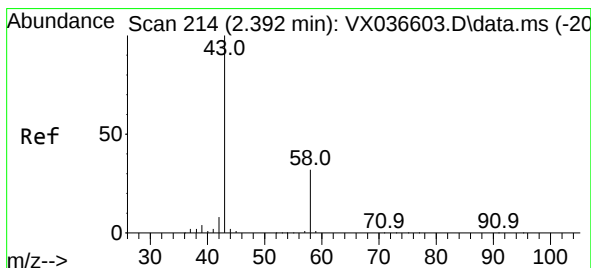
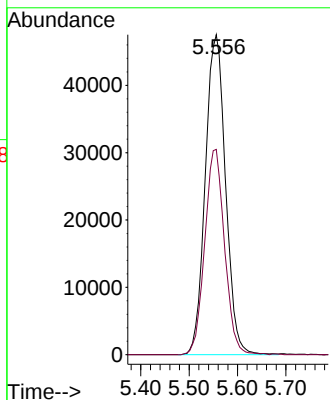
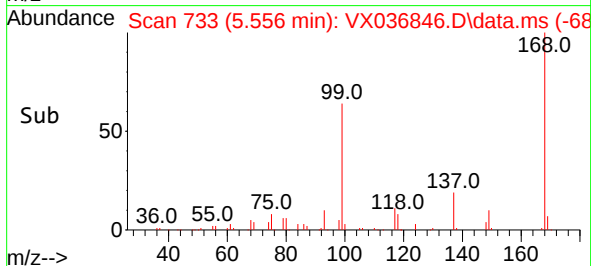
Instrument :
MSVOA_X
ClientSampleId :
MCLEAN-TP2



Tgt Ion:168 Resp: 138228
Ion Ratio Lower Upper
168 100
99 64.1 56.6 85.0

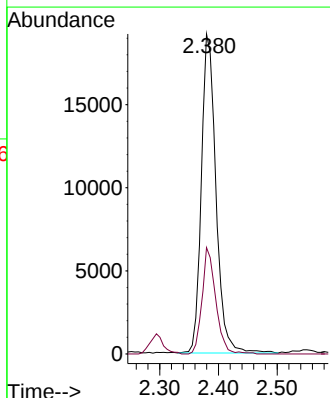
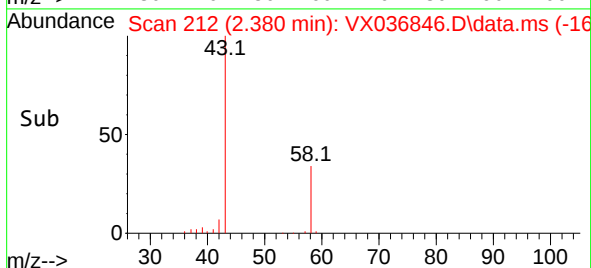
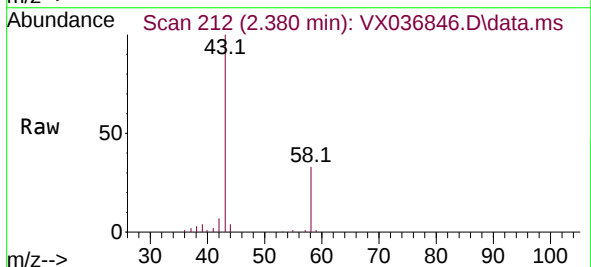
Manual Integrations
APPROVED

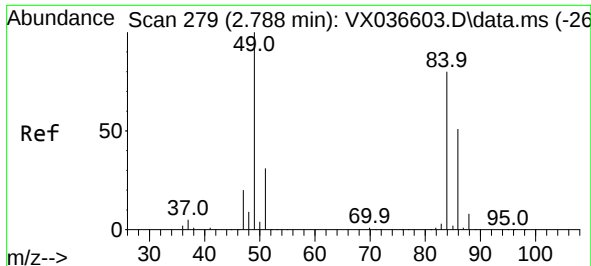
Reviewed By :John Carlone 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023



#16
Acetone
Concen: 39.178 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036846.D
Acq: 07 Aug 2023 18:53

Tgt Ion: 43 Resp: 33251
Ion Ratio Lower Upper
43 100
58 33.3 21.9 32.9





#20

Methylene Chloride

Concen: 2.981 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX036846.D

Acq: 07 Aug 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

MCLEAN-TP2

Tgt Ion: 84 Resp: 562

Ion Ratio Lower Upper

84 100

49 116.1 103.6 155.4

51 37.0 33.8 50.6

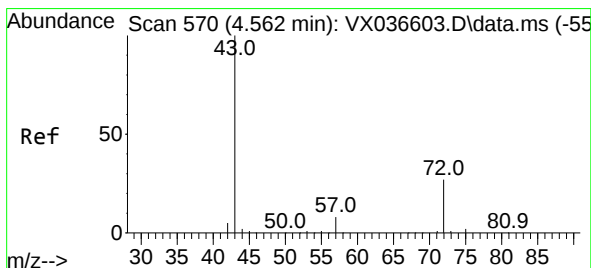
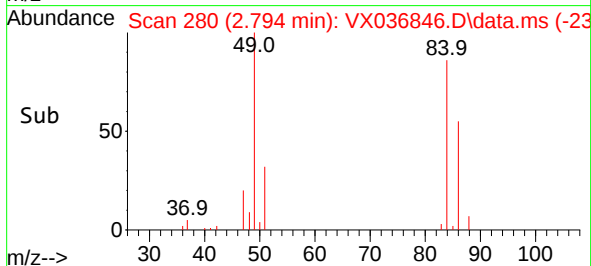
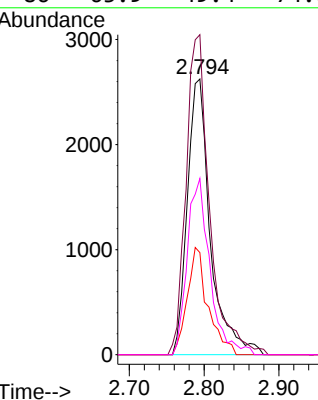
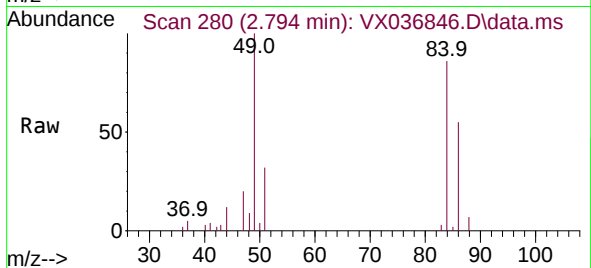
86 63.9 49.4 74.0

Manual Integrations

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#25

2-Butanone

Concen: 11.565 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX036846.D

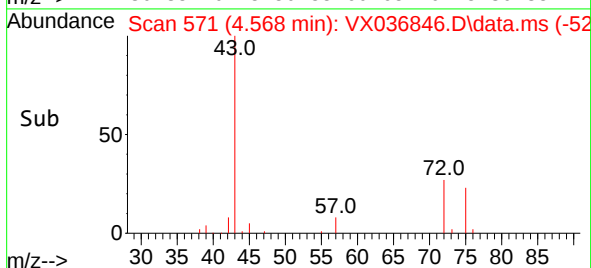
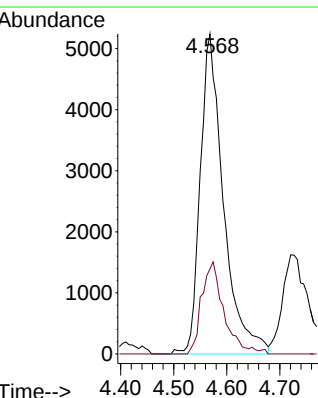
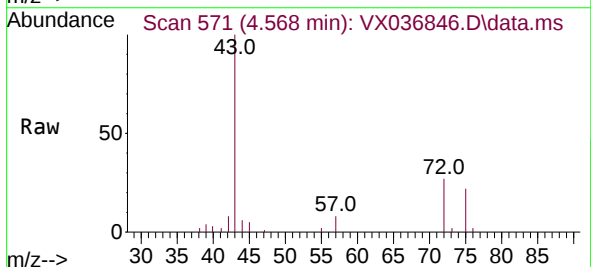
Acq: 07 Aug 2023 18:53

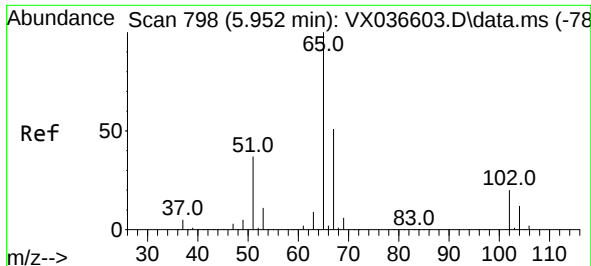
Tgt Ion: 43 Resp: 15925

Ion Ratio Lower Upper

43 100

72 26.6 19.4 29.2





#33
 1,2-Dichloroethane-d4
 Concen: 47.354 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036846.D
 Acq: 07 Aug 2023 18:53

Instrument :

MSVOA_X

Client Sample Id :

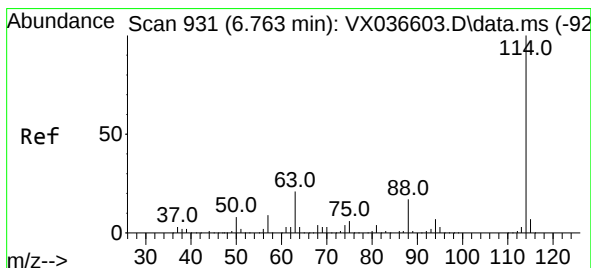
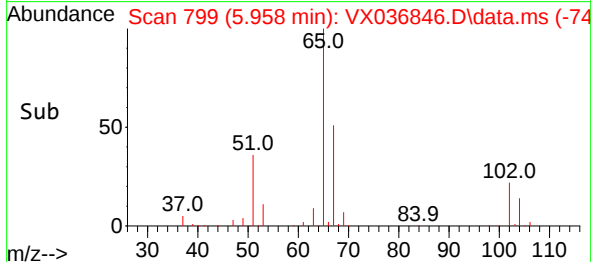
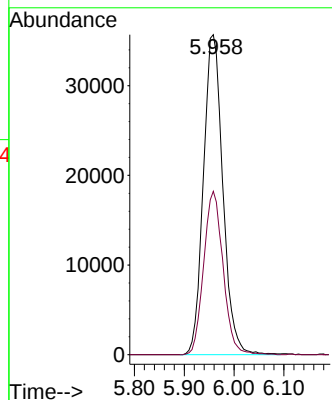
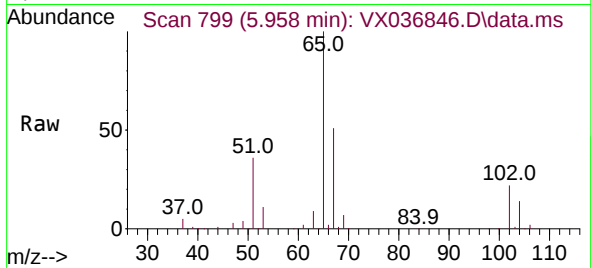
MCLEAN-TP2

Tgt Ion: 65 Resp: 9685
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.2

Manual Integrations

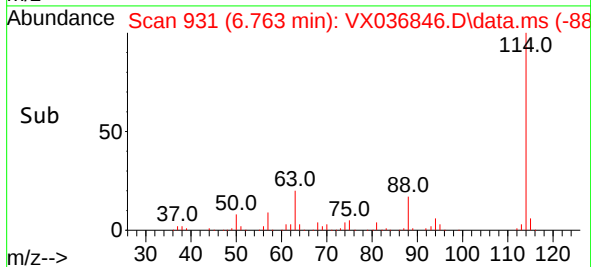
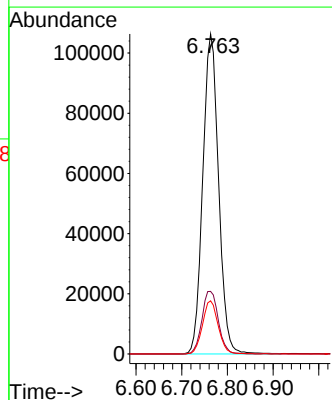
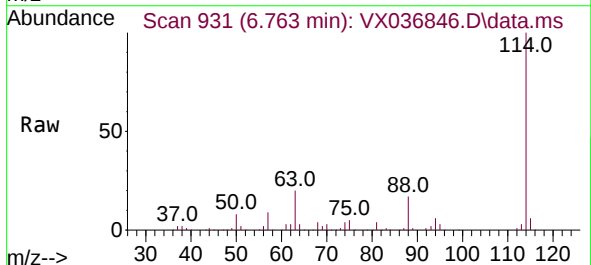
APPROVED

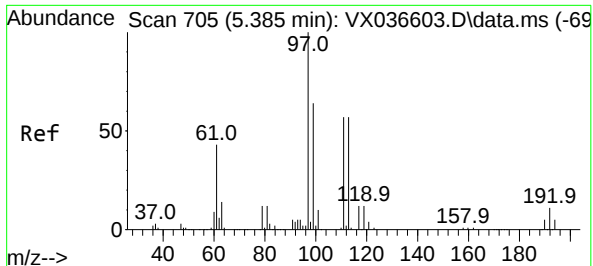
Reviewed By :John Carlone 08/08/2023
 Supervised By :Mahesh Dadoda 08/08/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036846.D
 Acq: 07 Aug 2023 18:53

Tgt Ion:114 Resp: 254963
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 45.0
 88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.547 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036846.D

Acq: 07 Aug 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

MCLEAN-TP2

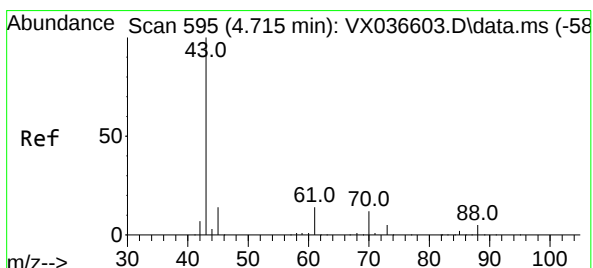
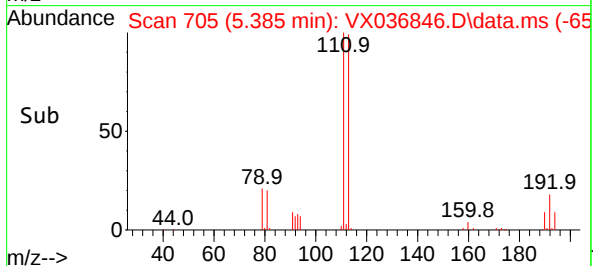
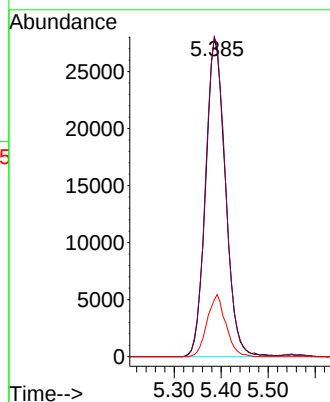
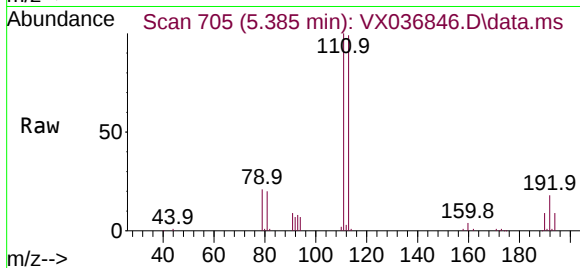
Tgt Ion:	113	Resp:	8157
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.9	124.3
192	18.4	13.3	19.9

Manual Integrations

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Supervised By :Mahesh Dadoda 08/08/2023



#37

Ethyl Acetate

Concen: 1.725 ug/l

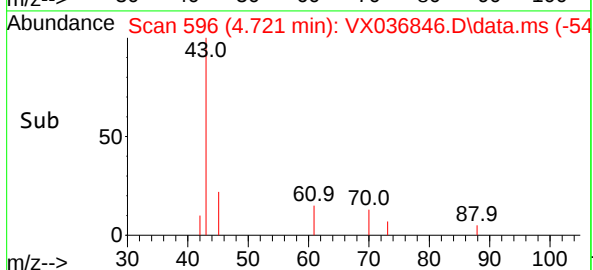
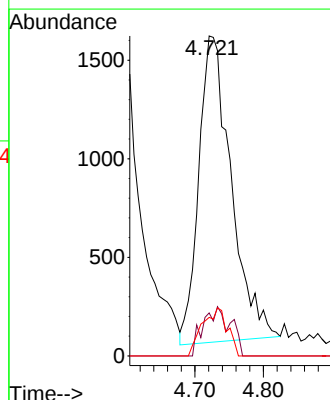
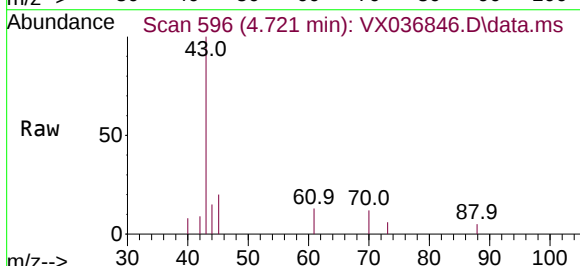
RT: 4.721 min Scan# 596

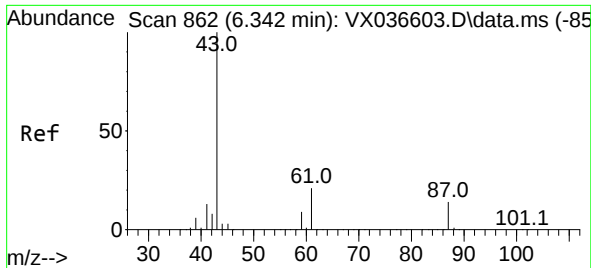
Delta R.T. 0.006 min

Lab File: VX036846.D

Acq: 07 Aug 2023 18:53

Tgt Ion:	43	Resp:	5100
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.6	16.0
70	12.1	8.3	12.5





#43

Isopropyl Acetate

Concen: 21.700 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX036846.D

Acq: 07 Aug 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

MCLEAN-TP2

Tgt Ion: 43 Resp: 11043

Ion Ratio Lower Upper

43 100

61 21.3 15.2 22.8

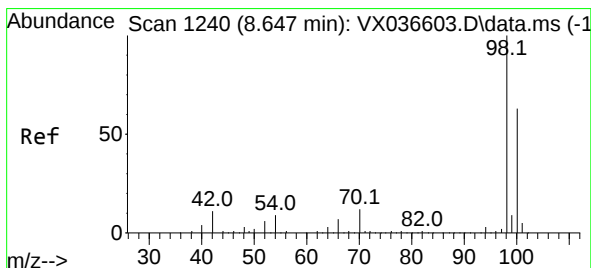
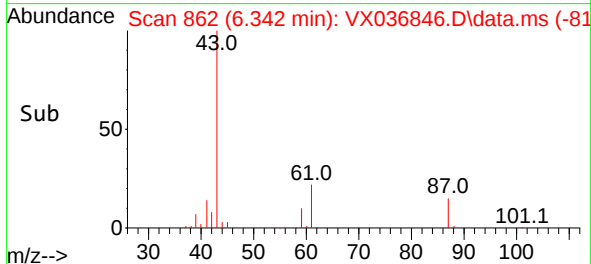
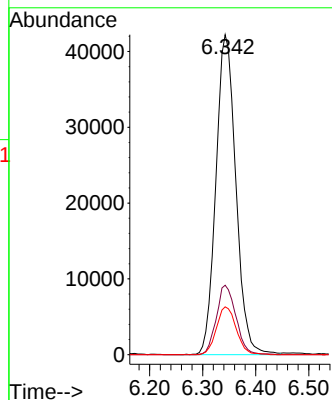
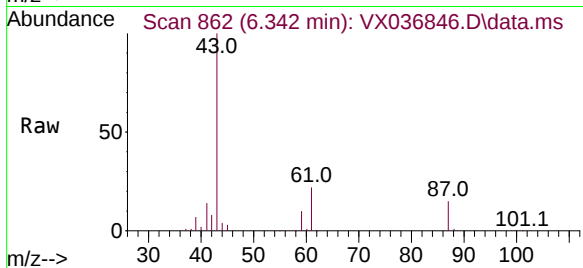
87 14.9 9.8 14.6

Manual Integrations

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Reviewed By :John Carlone 08/08/2023

Supervised By :Mahesh Dadoda 08/08/2023



#50

Toluene-d8

Concen: 49.215 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036846.D

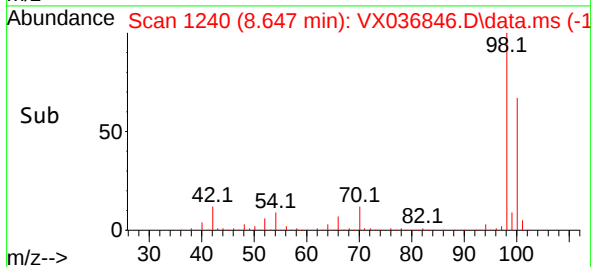
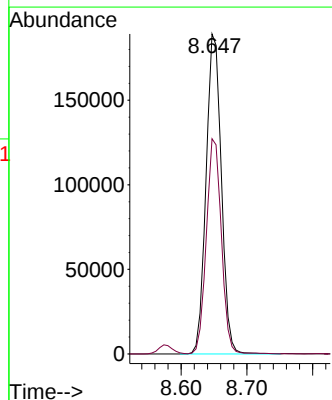
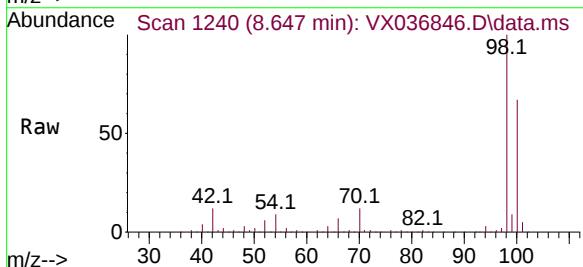
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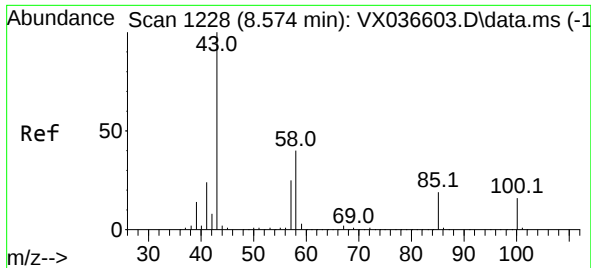
Tgt Ion: 98 Resp: 305852

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7





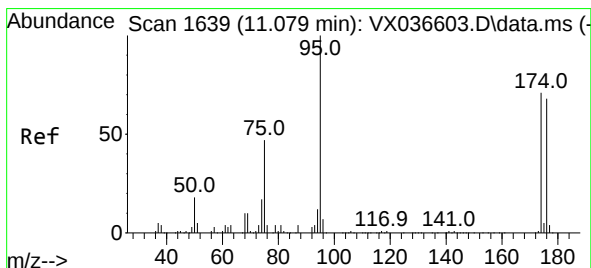
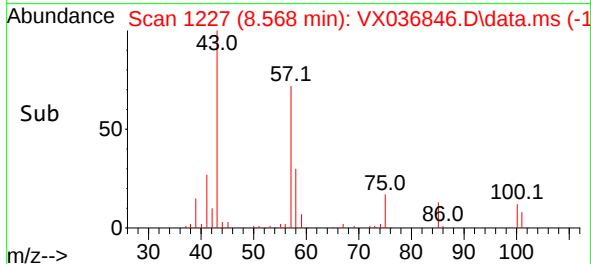
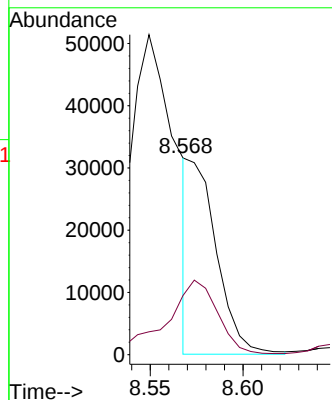
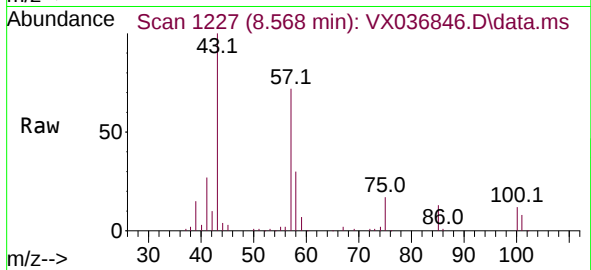
#51
4-Methyl-2-Pentanone
Concen: 11.419 ug/l m
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX036846.D
Acq: 07 Aug 2023 18:53

Instrument :
MSVOA_X
ClientSampleId :
MCLEAN-TP2

Tgt Ion: 43 Resp: 32158
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6

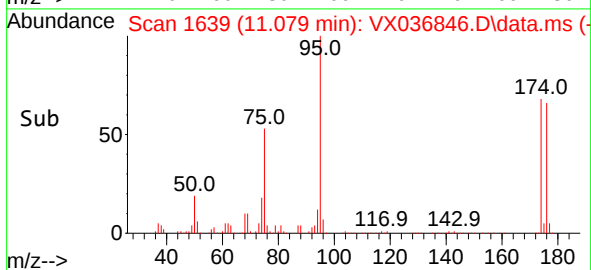
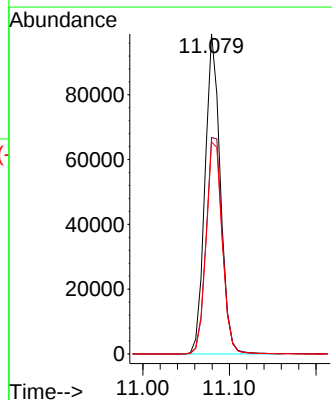
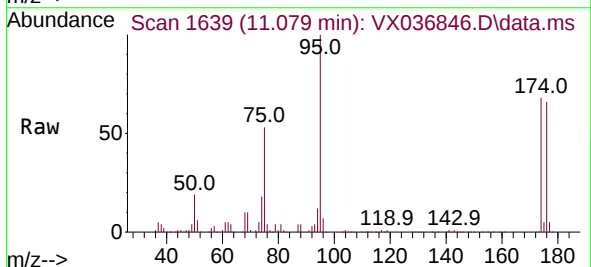
Manual Integrations
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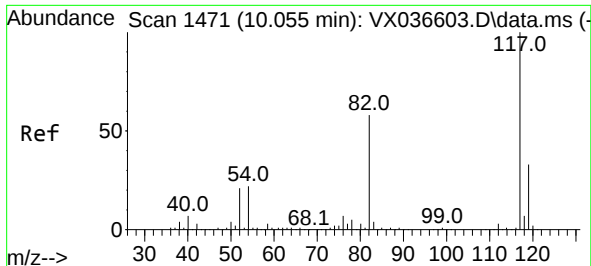
Reviewed By :John Carlone 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023



#62
4-Bromofluorobenzene
Concen: 51.516 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036846.D
Acq: 07 Aug 2023 18:53

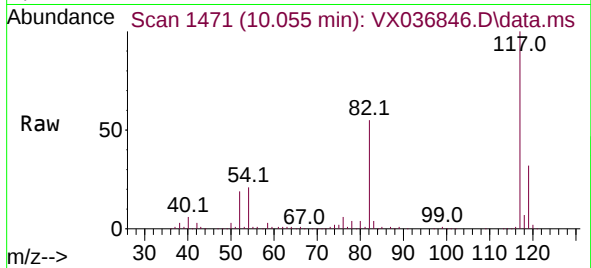
Tgt Ion: 95 Resp: 120789
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 70.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036846.D
Acq: 07 Aug 2023 18:53

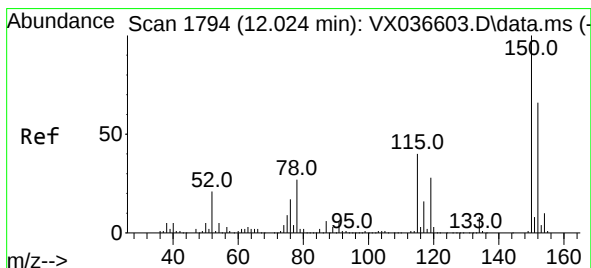
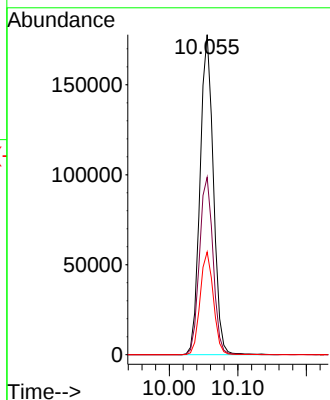
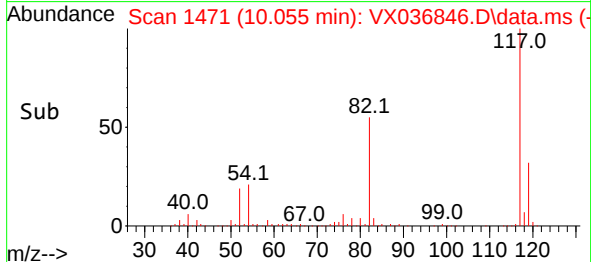
Instrument :
MSVOA_X
ClientSampleId :
MCLEAN-TP2



Tgt Ion:117 Resp: 241138
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.1 25.5 38.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/08/2023
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: VX036846.D
Acq: 07 Aug 2023 18:53

Tgt Ion:152 Resp: 113942
Ion Ratio Lower Upper
152 100
115 62.4 43.3 129.9
150 157.9 0.0 345.0

