

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
 Data File : VU046847.D
 Acq On : 26 Jan 2022 15:49
 Operator : SY/MD
 Sample : N1260-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX9

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/27/2022
 Supervised By : Mahesh Dadoda 01/27/2022

Quant Time: Jan 27 00:14:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 27 00:12:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	99808	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	109018	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	57518	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	38259	4.524	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.919	69	33599	5.042	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.575	65	16428	4.883	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	4.646	46	117669	46.965	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.920%
24) Chloroform-d	5.067	84	75233	5.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.707	65	40638	5.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.732	84	147957	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.694	67	46877	4.873	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.899	98	122944	4.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.182	79	17344	4.105	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.636	63	106978	42.764	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.520%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41928	4.341	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	48298	4.478	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.147	101	2489	0.254	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	2017	0.346	ug/L #	73
12) 1,1-Dichloroethene	2.588	96	119095	21.370	ug/L #	62
13) Acetone	2.658	43	5938m	4.357	ug/L	
17) Methyl tert-butyl Ether	3.369	73	141147	9.027	ug/L	98
18) trans-1,2-Dichloroethene	3.366	96	1349	0.223	ug/L #	70
19) 1,1-Dichloroethane	3.877	63	127411	12.573	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	272870	42.853	ug/L	97
25) Chloroform	5.092	83	12778	0.794	ug/L	97
27) 1,2-Dichloroethane	5.803	62	2438	0.343	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	50607	5.154	ug/L	98
34) Trichloroethene	6.546	95	304819	45.740	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	934	0.174	ug/L #	84
47) Tetrachloroethene	8.555	164	102185	18.853	ug/L	94
61) 1,2,3-Trichloropropane	10.825	75	956	0.196	ug/L #	89
64) 1,3-Dichlorobenzene	11.748	146	4013	0.300	ug/L	88
65) 1,4-Dichlorobenzene	11.838	146	1489	0.110	ug/L	97

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BFXX9

Manual Integrations
APPROVED

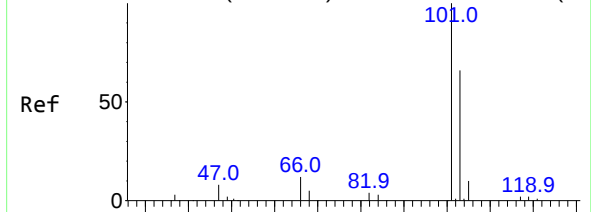
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

Quant Time: Jan 27 00:14:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
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QLast Update : Thu Jan 27 00:12:19 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

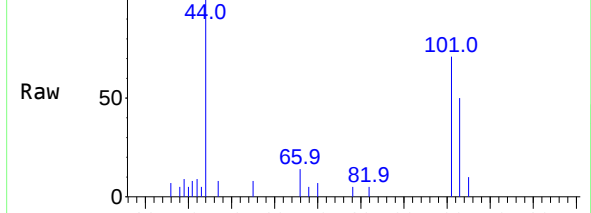
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Abundance Scan 251 (2.147 min): VU046837.D\data.ms (-24



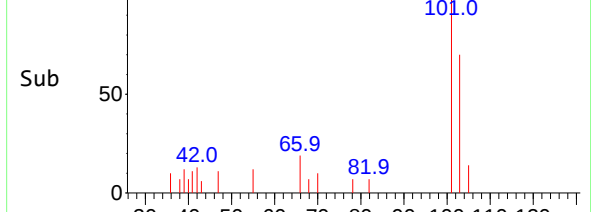
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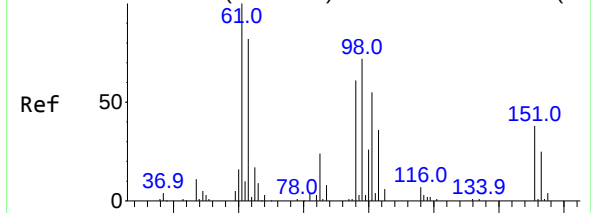
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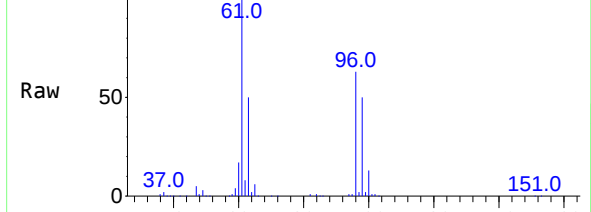
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Abundance Scan 388 (2.588 min): VU046837.D\data.ms (-37



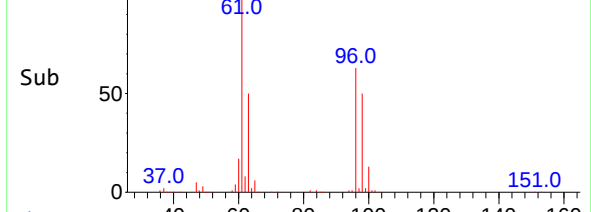
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Abundance Scan 387 (2.585 min): VU046847.D\data.ms



m/z-->

Abundance Scan 387 (2.585 min): VU046847.D\data.ms (-29



m/z-->

#9

Trichlorofluoromethane

Concen: 0.254 ug/L

RT: 2.147 min Scan# 248

Delta R.T. 0.000 min

Lab File: VU046847.D

Acq: 26 Jan 2022 15:49

Tgt Ion:101 Resp: 248

Ion Ratio Lower Upper

101 100

103 67.6 51.5 77.3

Instrument :

MSVOA_U

ClientSampleId :

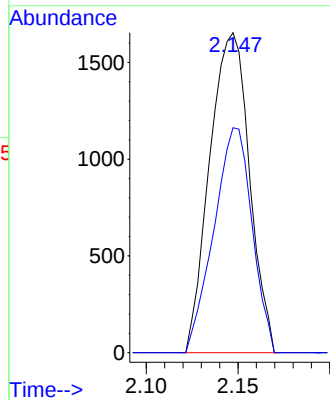
BFX9

Manual Integrations

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.346 ug/L

RT: 2.585 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU046847.D

Acq: 26 Jan 2022 15:49

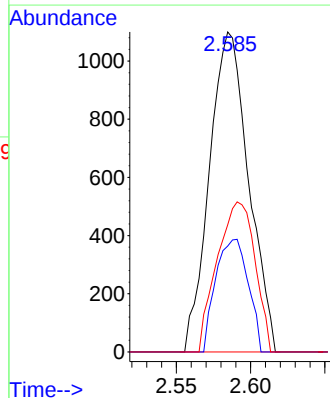
Tgt Ion:101 Resp: 2017

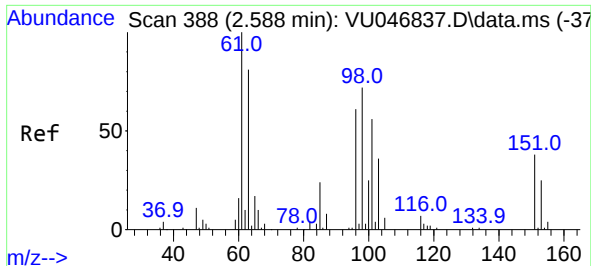
Ion Ratio Lower Upper

101 100

85 29.1 34.6 51.8#

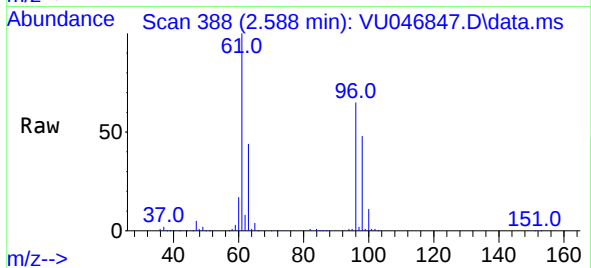
151 45.2 56.1 84.1#





#12
1,1-Dichloroethene
Concen: 21.370 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU046847.D
Acq: 26 Jan 2022 15:49

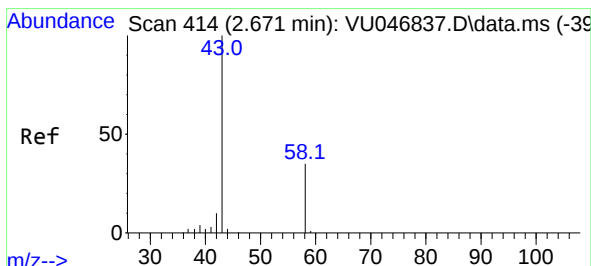
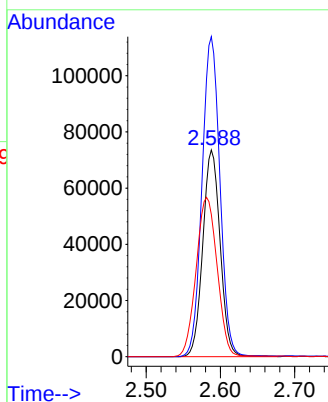
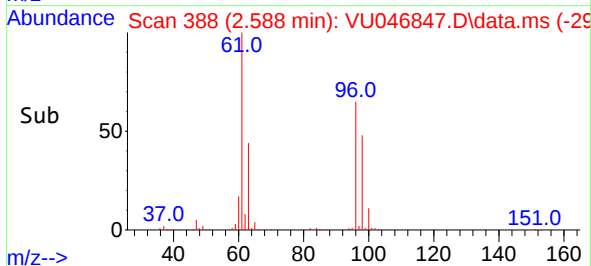
Instrument :
MSVOA_U
ClientSampleId :
BFX9



Tgt Ion: 96 Resp: 11909
Ion Ratio Lower Upper
96 100
61 154.8 124.7 231.5
63 68.8 105.2 195.4

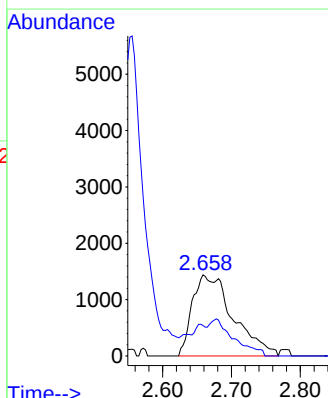
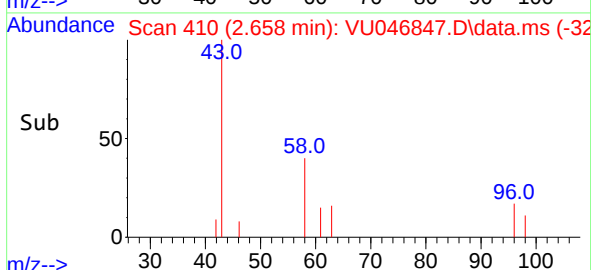
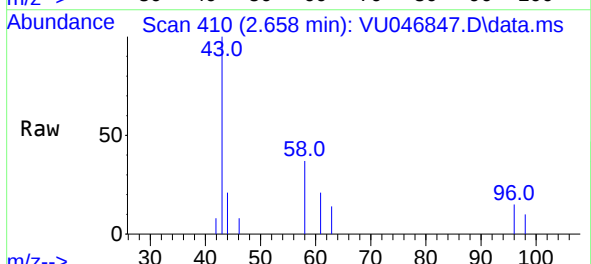
Manual Integrations
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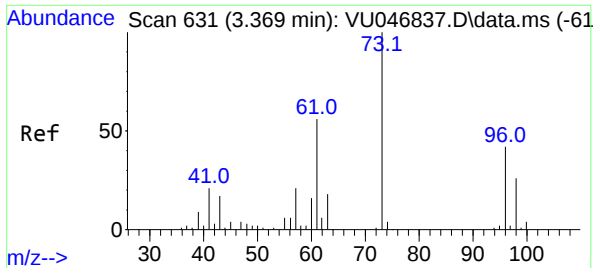
Reviewed By :John Carlone 01/27/2022
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#13
Acetone
Concen: 4.357 ug/L m
RT: 2.658 min Scan# 410
Delta R.T. -0.013 min
Lab File: VU046847.D
Acq: 26 Jan 2022 15:49

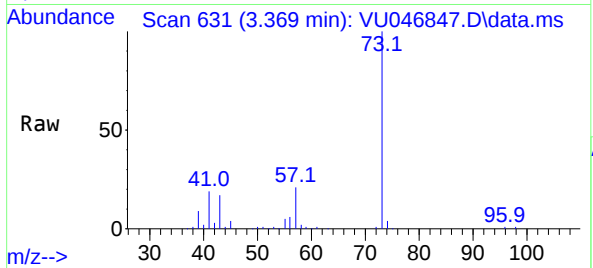
Tgt Ion: 43 Resp: 5938
Ion Ratio Lower Upper
43 100
58 26.7 0.0 71.6





#17
Methyl tert-butyl Ether
Concen: 9.027 ug/L
RT: 3.369 min Scan# 611
Delta R.T. 0.000 min
Lab File: VU046847.D
Acq: 26 Jan 2022 15:49

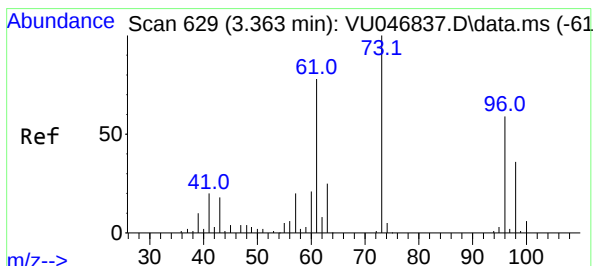
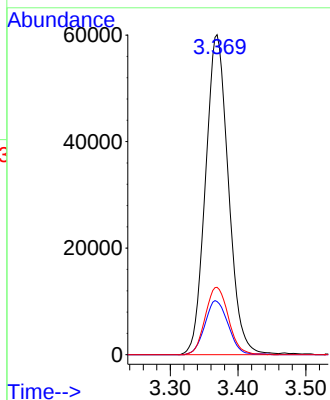
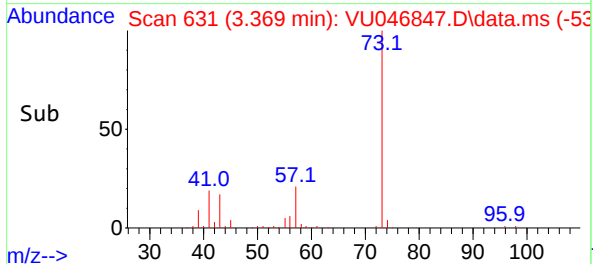
Instrument :
MSVOA_U
ClientSampleId :
BFX9



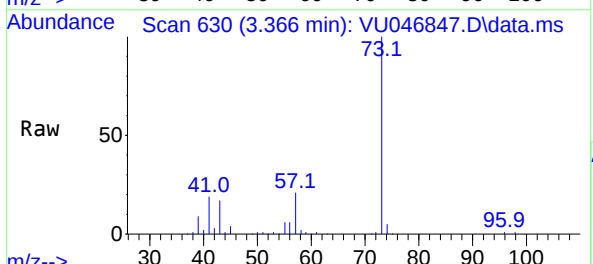
Tgt Ion: 73 Resp: 14114
Ion Ratio Lower Upper
73 100
43 17.1 14.8 22.2
57 21.4 17.4 26.0

Manual Integrations
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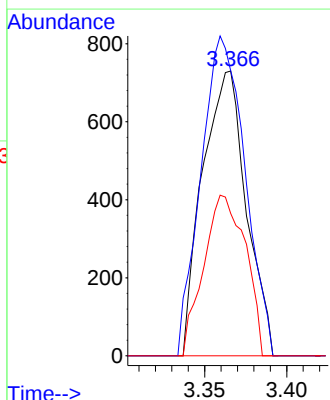
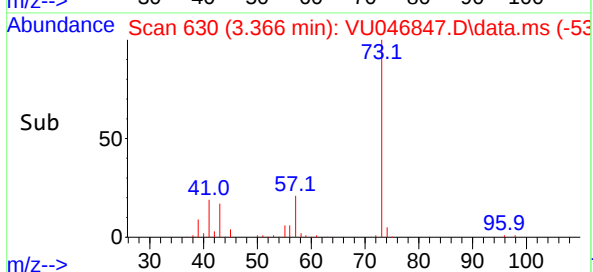
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

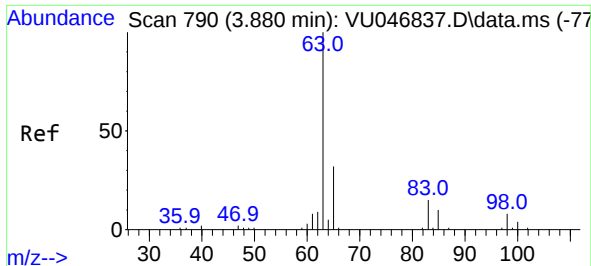


#18
trans-1,2-Dichloroethene
Concen: 0.223 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU046847.D
Acq: 26 Jan 2022 15:49



Tgt Ion: 96 Resp: 1349
Ion Ratio Lower Upper
96 100
61 100.1 100.8 187.2#
98 50.0 45.1 83.7





#19

1,1-Dichloroethane

Concen: 12.573 ug/L

RT: 3.877 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU046847.D

Acq: 26 Jan 2022 15:49

Instrument :

MSVOA_U

ClientSampleId :

BFX9

Tgt Ion: 63 Resp: 12741

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.5

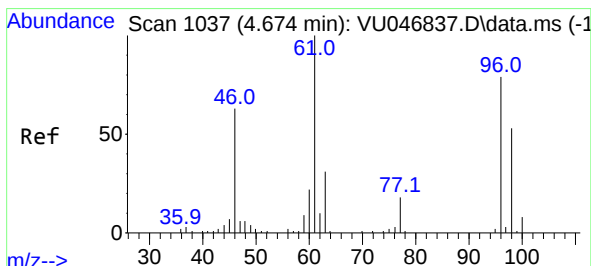
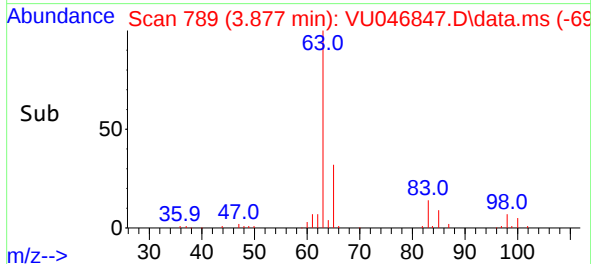
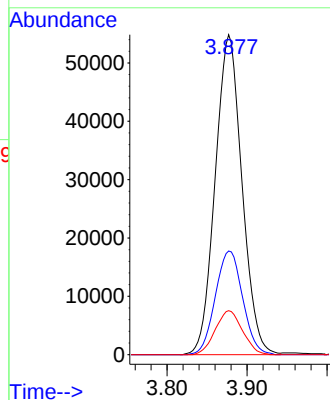
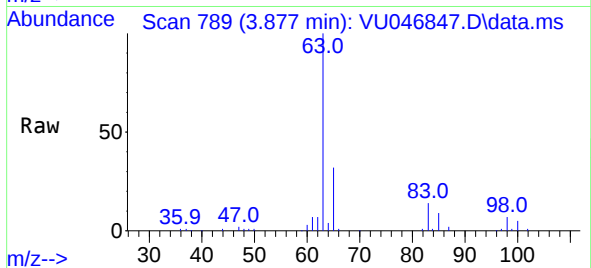
83 13.7 9.6 17.8

Manual Integrations

APPROVED

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#22

cis-1,2-Dichloroethene

Concen: 42.853 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046847.D

Acq: 26 Jan 2022 15:49

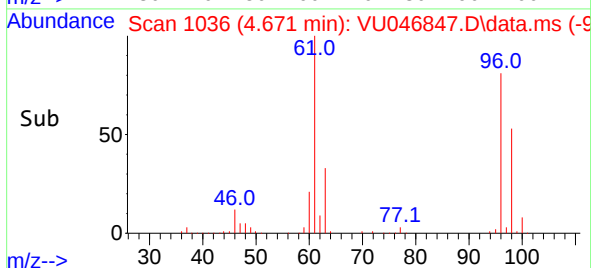
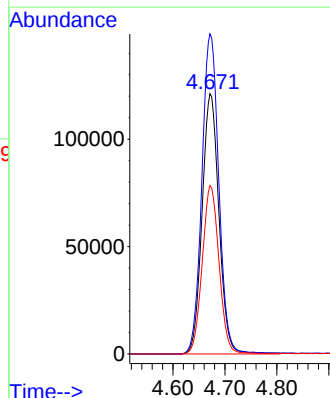
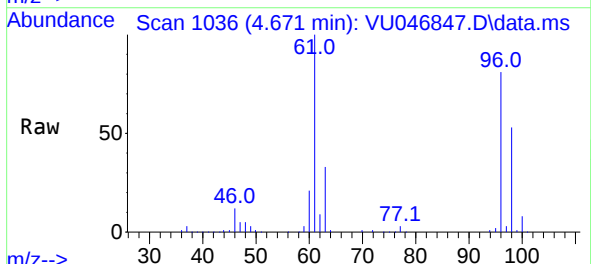
Tgt Ion: 96 Resp: 272870

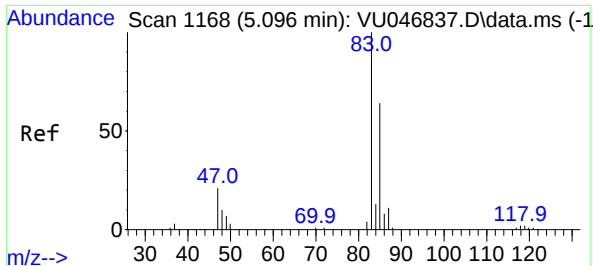
Ion Ratio Lower Upper

96 100

61 122.9 88.5 164.3

98 64.6 44.4 82.5





#25

Chloroform

Concen: 0.794 ug/L

RT: 5.092 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU046847.D

Acq: 26 Jan 2022 15:49

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MSVOA_U

ClientSampleId :

BFX9

Tgt Ion: 83 Resp: 12778

Ion Ratio Lower Upper

83 100

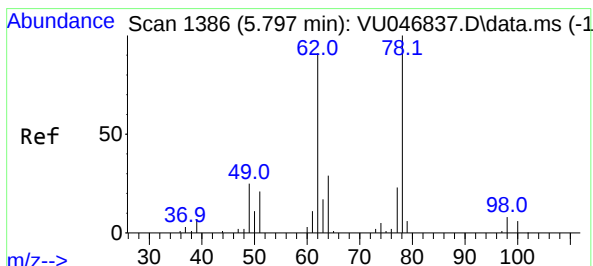
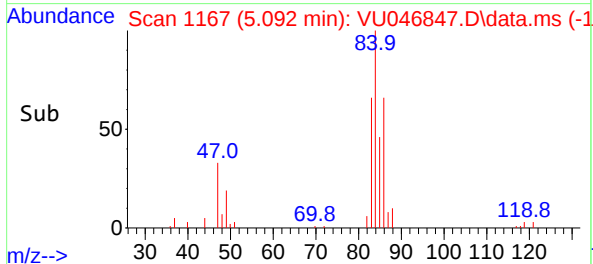
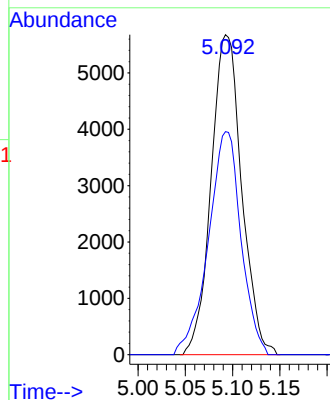
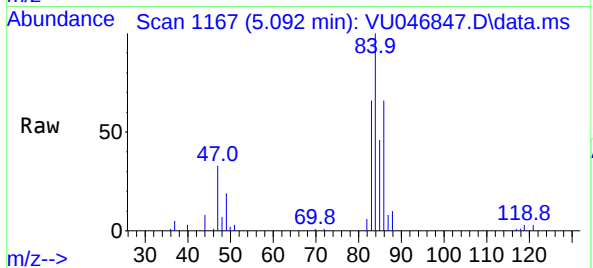
85 69.7 46.9 87.1

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 01/27/2022



#27

1,2-Dichloroethane

Concen: 0.343 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.006 min

Lab File: VU046847.D

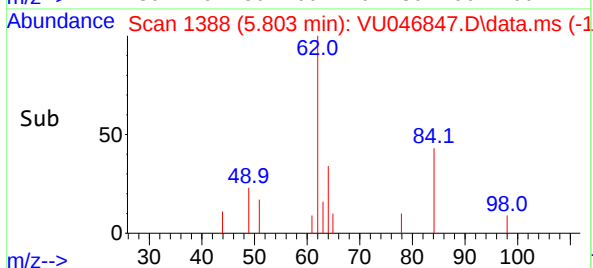
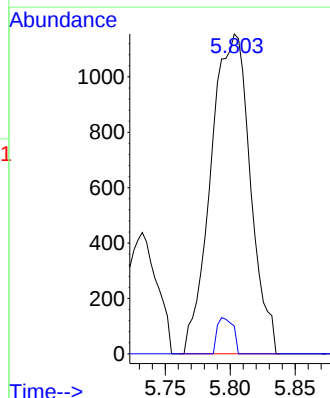
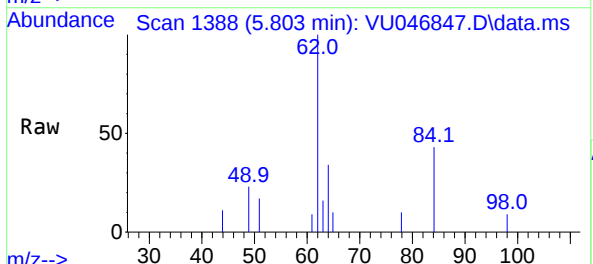
Acq: 26 Jan 2022 15:49

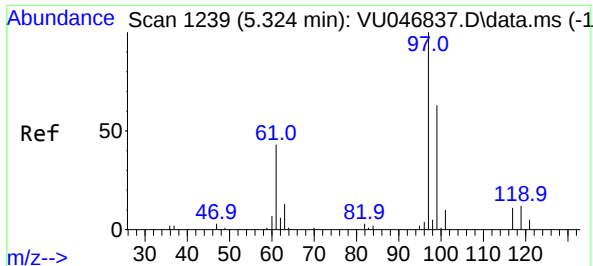
Tgt Ion: 62 Resp: 2438

Ion Ratio Lower Upper

62 100

98 8.7 7.8 11.8





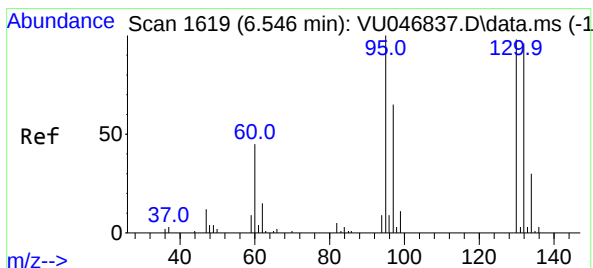
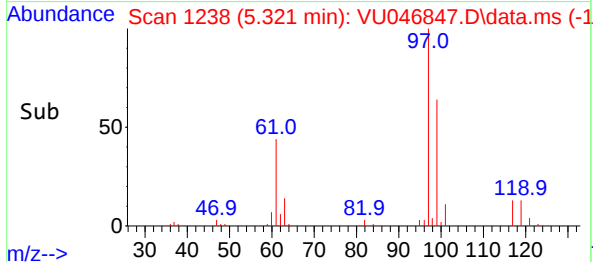
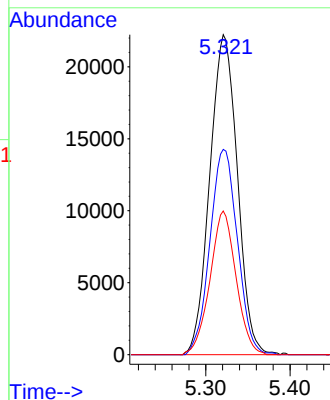
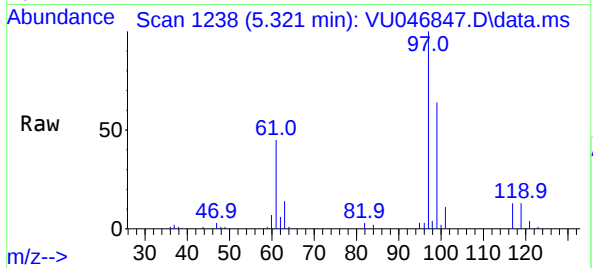
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1,1,1-Trichloroethane
Concen: 5.154 ug/L
RT: 5.321 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU046847.D
Acq: 26 Jan 2022 15:49

Instrument :
MSVOA_U
ClientSampleId :
BFX9

Tgt Ion: 97 Resp: 5060
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 42.4 36.1 54.1

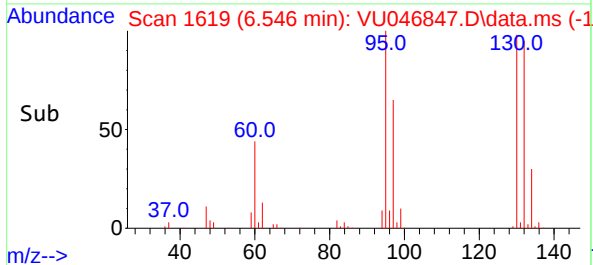
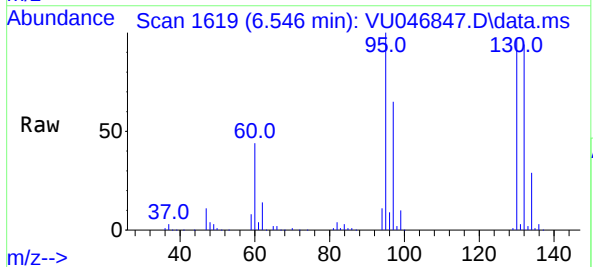
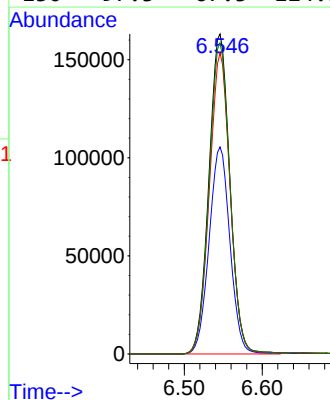
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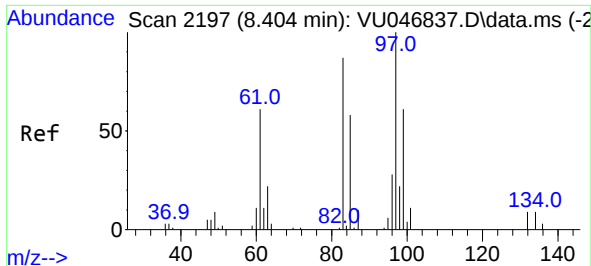
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#34
Trichloroethene
Concen: 45.740 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046847.D
Acq: 26 Jan 2022 15:49

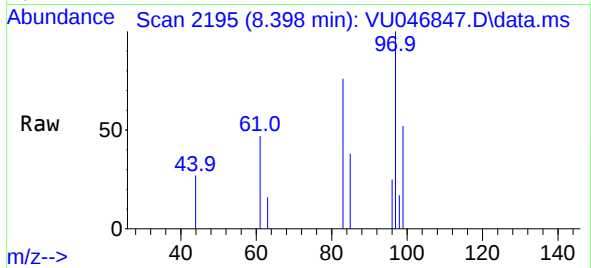
Tgt Ion: 95 Resp: 304819
Ion Ratio Lower Upper
95 100
97 64.7 46.5 86.5
132 94.1 65.1 120.9
130 97.3 67.3 124.9





#45
1,1,2-Trichloroethane
Concen: 0.174 ug/L
RT: 8.398 min Scan# 2197
Delta R.T. -0.006 min
Lab File: VU046847.D
Acq: 26 Jan 2022 15:49

Instrument : MSVOA_U
ClientSampleId : BFX9

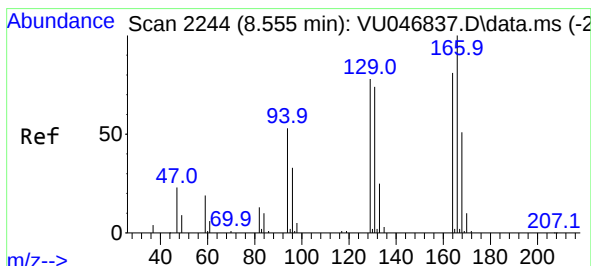
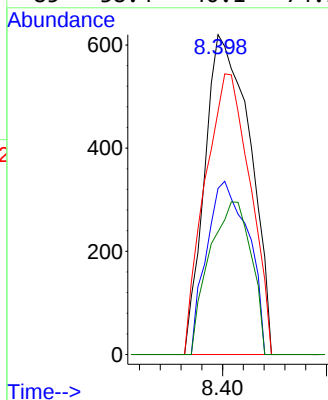
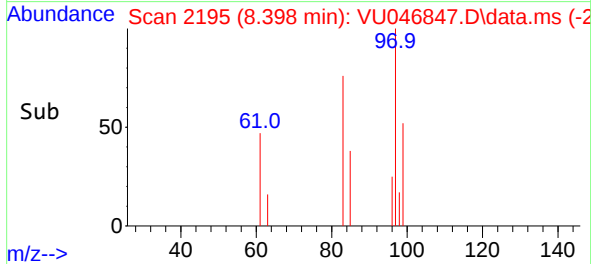


Tgt Ion: 97 Resp: 934

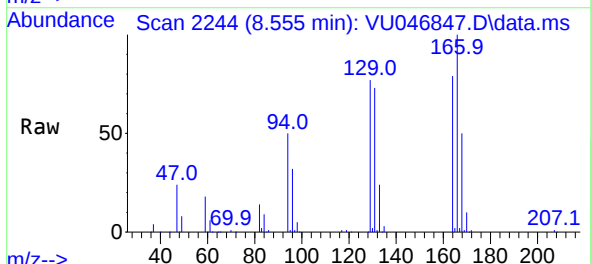
Ion	Ratio	Lower	Upper
97	100		
99	51.9	42.3	78.5
83	76.0	62.0	115.2
85	38.4	40.1	74.5

Manual Integrations
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Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

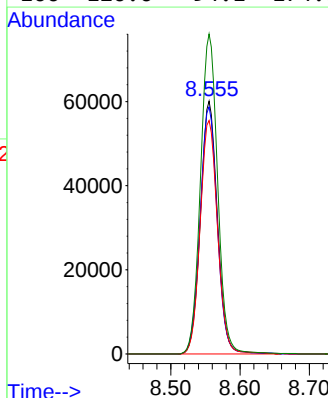
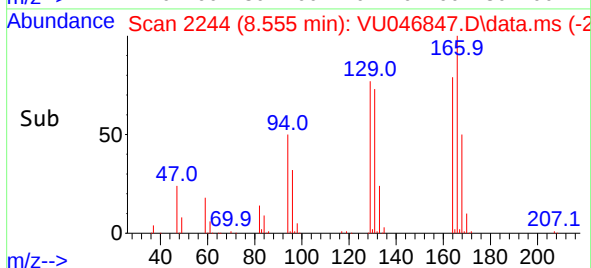


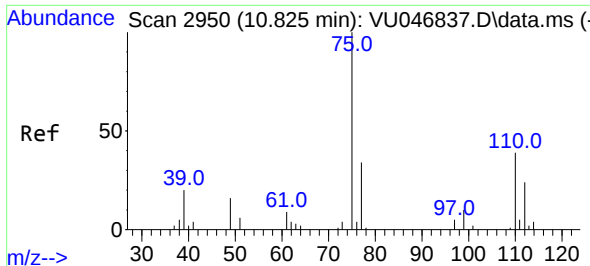
#47
Tetrachloroethene
Concen: 18.853 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046847.D
Acq: 26 Jan 2022 15:49



Tgt Ion:164 Resp: 102185

Ion	Ratio	Lower	Upper
164	100		
129	97.7	71.8	133.4
131	92.4	68.5	127.3
166	126.6	94.1	174.8





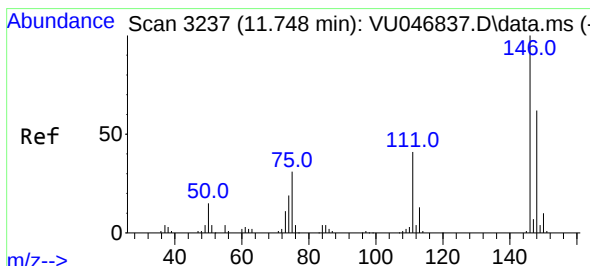
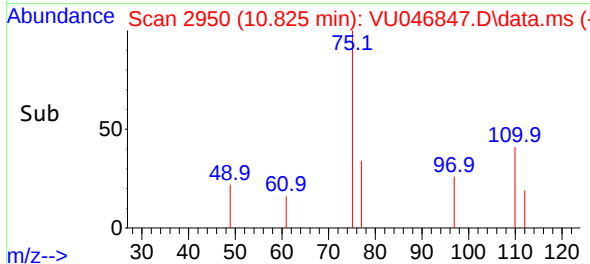
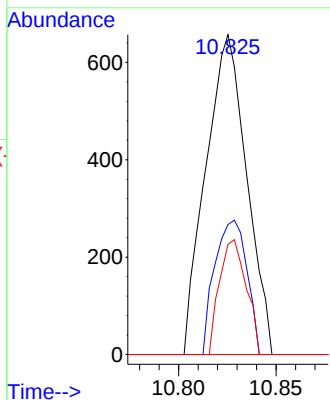
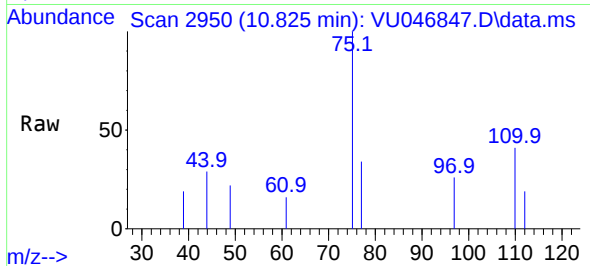
#61
1,2,3-Trichloropropane
Concen: 0.196 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046847.D
Acq: 26 Jan 2022 15:49

Instrument :
MSVOA_U
ClientSampleId :
BFX9

Tgt Ion: 75 Resp: 950
Ion Ratio Lower Upper
75 100
110 32.9 29.9 44.9
77 23.5 25.5 38.3

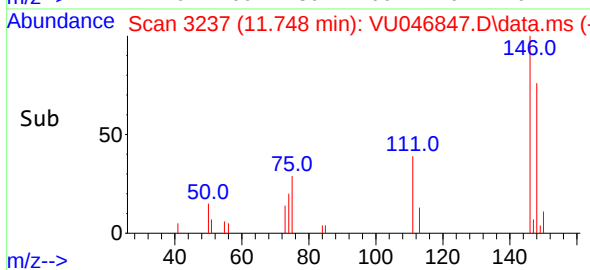
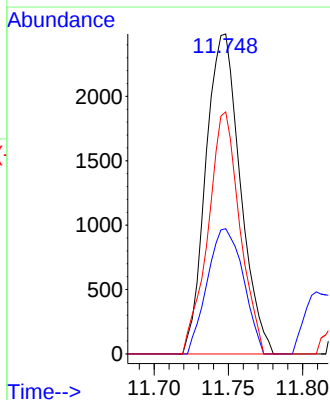
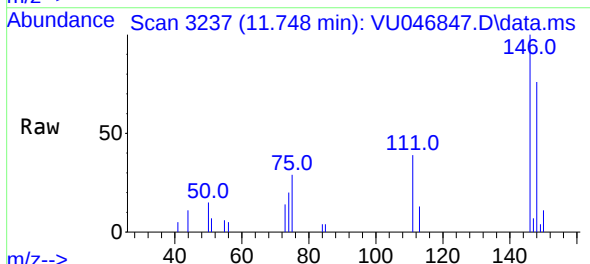
Manual Integrations
APPROVED

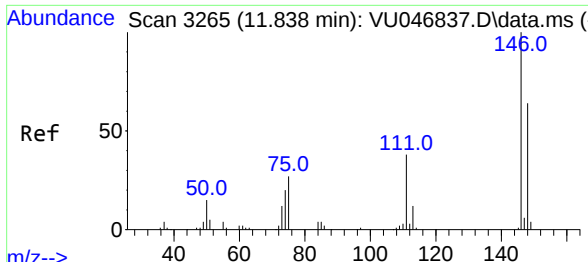
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#64
1,3-Dichlorobenzene
Concen: 0.300 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU046847.D
Acq: 26 Jan 2022 15:49

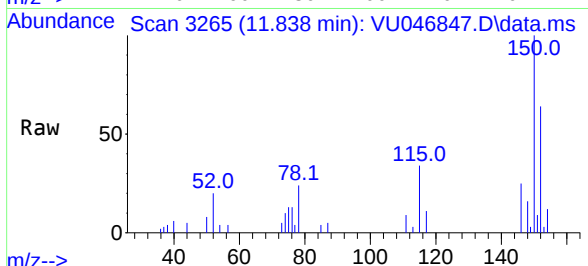
Tgt Ion:146 Resp: 4013
Ion Ratio Lower Upper
146 100
111 39.2 29.9 55.5
148 75.7 44.3 82.3





#65
 1,4-Dichlorobenzene
 Concen: 0.110 ug/L
 RT: 11.838 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU046847.D
 Acq: 26 Jan 2022 15:49

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX9



Tgt Ion:	146	Resp:	1489
Ion	Ratio	Lower	Upper
146	100		
111	36.7	28.7	53.3
148	64.8	45.8	85.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/27/2022
 Supervised By :Mahesh Dadoda 01/27/2022

