

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
 Data File : VU046866.D
 Acq On : 27 Jan 2022 13:15
 Operator : SY/MD
 Sample : N1260-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXV2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 28 00:59:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 28 00:56:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	106131	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	116696	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	64781	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	34177	3.800	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.922	69	30527	4.308	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.568	65	14761	4.126	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.665	46	128718	48.314	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.620%
24) Chloroform-d	5.070	84	70750	4.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.706	65	40689	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.732	84	138981	4.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.694	67	45345	4.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.899	98	114999	3.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	8.182	79	16643	3.680	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.658	63	117365	43.829	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.660%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	46205	4.469	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	49454	4.071	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.400%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	8553	0.820	ug/L	100
12) 1,1-Dichloroethene	2.581	96	69874	11.791	ug/L #	75
13) Acetone	2.674	43	10760m	7.426	ug/L	
17) Methyl tert-butyl Ether	3.369	73	230003	13.833	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	11851	1.846	ug/L	91
19) 1,1-Dichloroethane	3.877	63	85371	7.923	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	177967	26.284	ug/L	99
25) Chloroform	5.092	83	14789	0.865	ug/L	100
27) 1,2-Dichloroethane	5.796	62	2012	0.267	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	20906	1.989	ug/L	99
31) Carbon tetrachloride	5.533	117	729	0.081	ug/L	96
34) Trichloroethene	6.546	95	311151	43.619	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	578	0.101	ug/L	92
47) Tetrachloroethene	8.555	164	139071	23.971	ug/L	95
61) 1,2,3-Trichloropropane	10.832	75	1496	0.273	ug/L	94
67) 1,2-Dichlorobenzene	12.214	146	2520	0.173	ug/L	95

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

Instrument :

MSVOA_U

ClientSampleId :

BFX2

Manual Integrations

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Reviewed By :John Carlone 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022

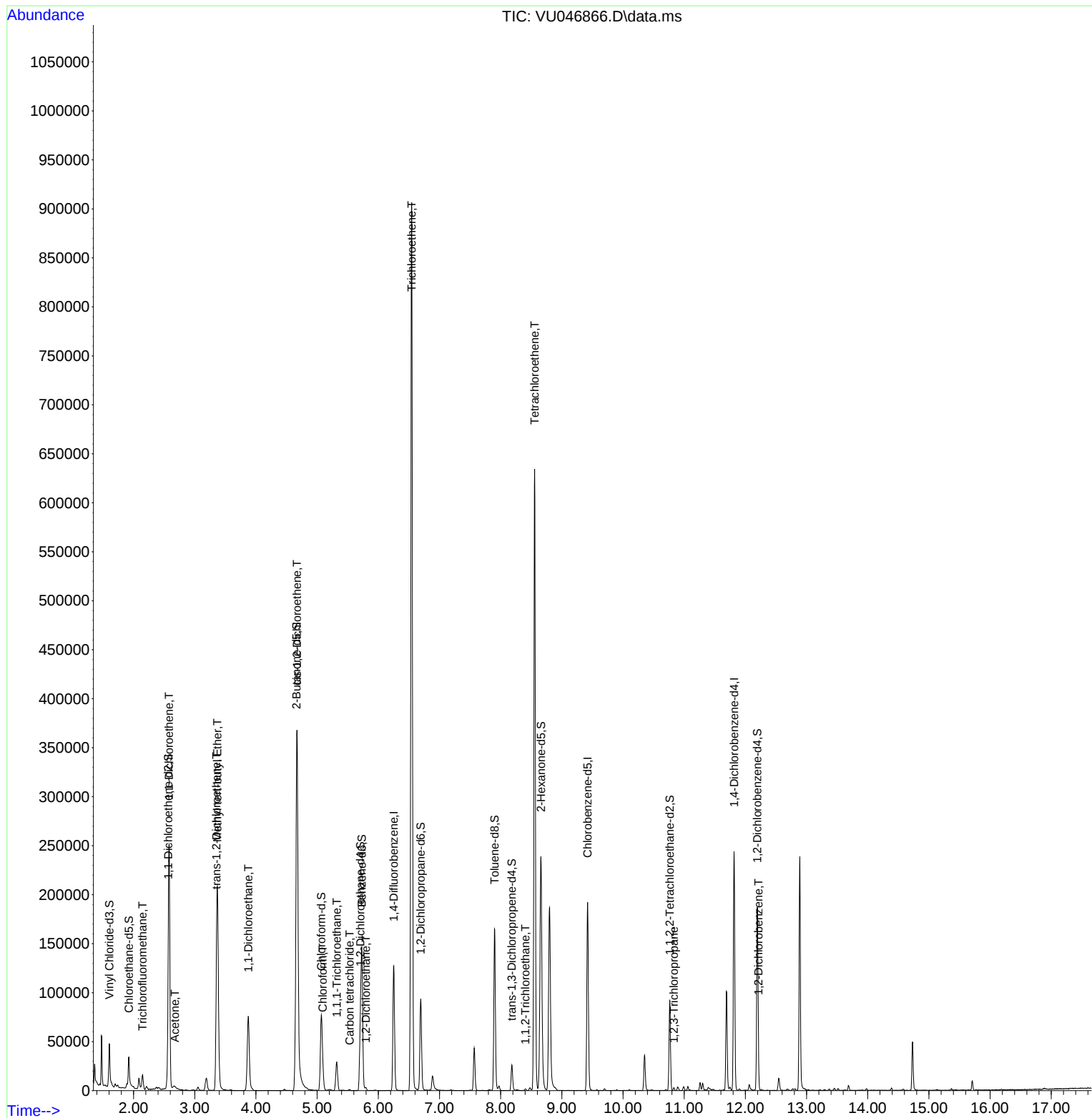
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046866.D
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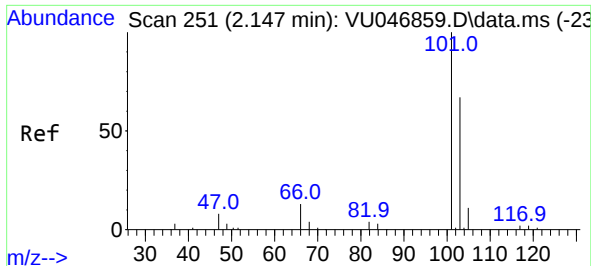
Instrument :
MSVOA_U
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Quant Time: Jan 28 00:59:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
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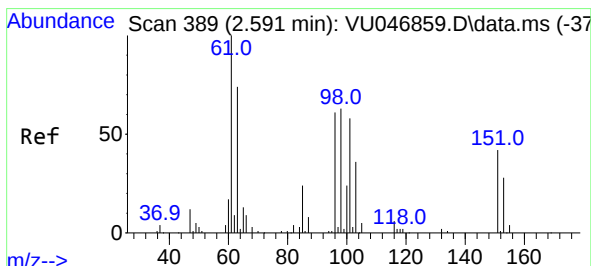
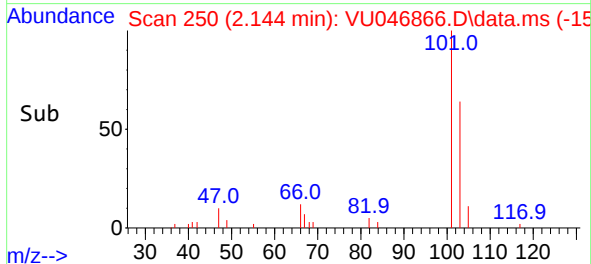
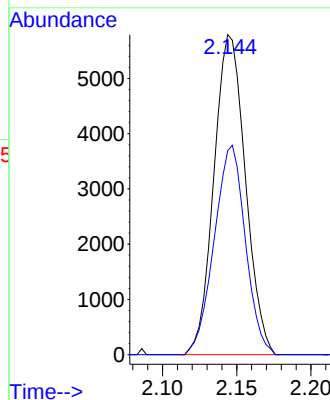
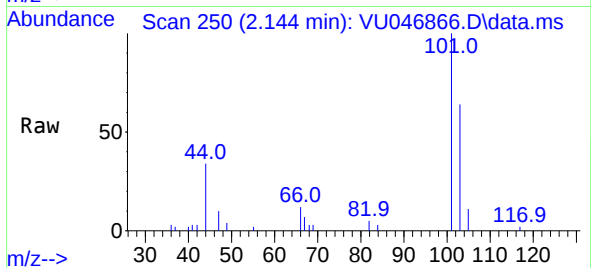
#9
Trichlorofluoromethane
Concen: 0.820 ug/L
RT: 2.144 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046866.D
Acq: 27 Jan 2022 13:15

Instrument :
MSVOA_U
ClientSampleId :
BFX2

Tgt Ion:101 Resp: 855
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

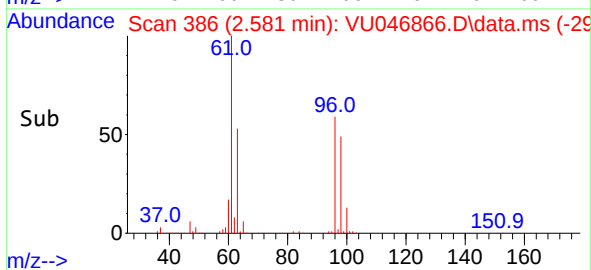
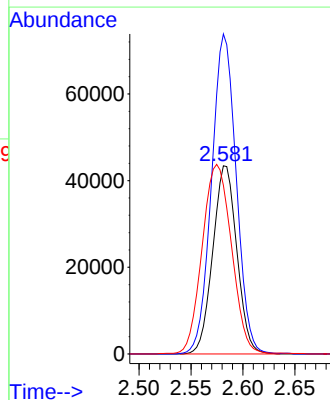
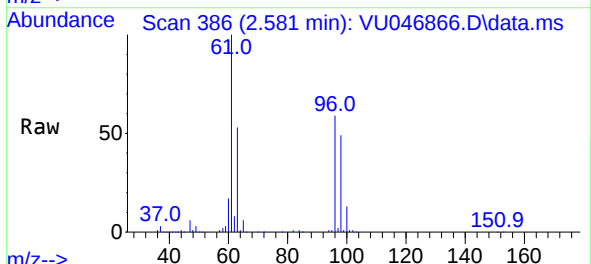
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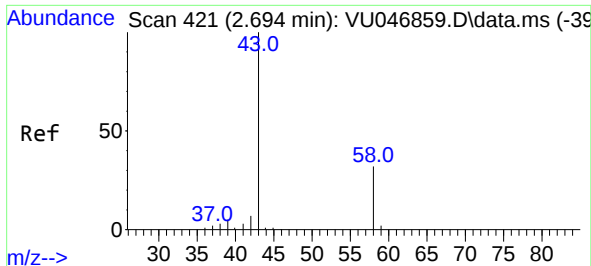
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#12
1,1-Dichloroethene
Concen: 11.791 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.010 min
Lab File: VU046866.D
Acq: 27 Jan 2022 13:15

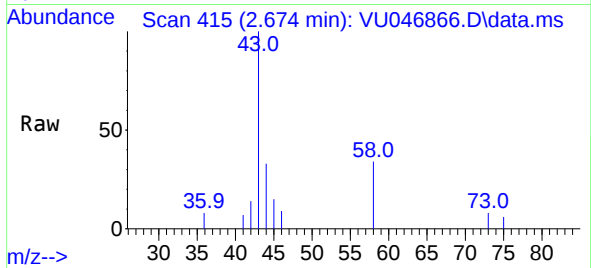
Tgt Ion: 96 Resp: 69874
Ion Ratio Lower Upper
96 100
61 170.1 124.7 231.5
63 89.7 105.2 195.4#





#13
Acetone
Concen: 7.426 ug/L m
RT: 2.674 min Scan# 41
Delta R.T. -0.019 min
Lab File: VU046866.D
Acq: 27 Jan 2022 13:15

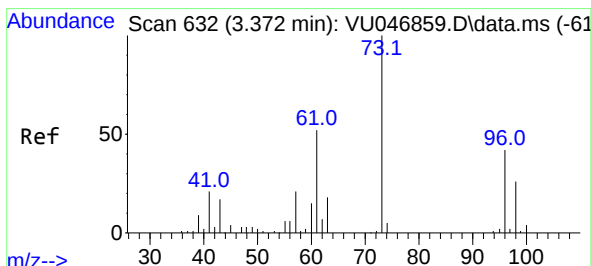
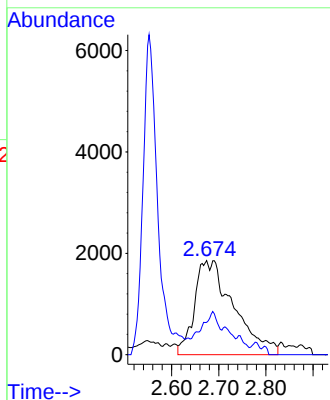
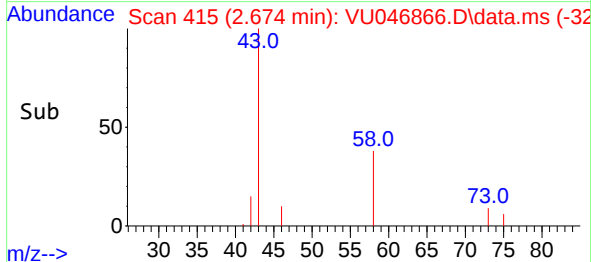
Instrument :
MSVOA_U
ClientSampleId :
BFX2



Tgt Ion: 43 Resp: 10760
Ion Ratio Lower Upper
43 100
58 11.8 0.0 71.6

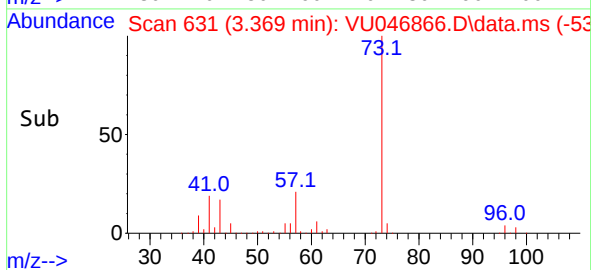
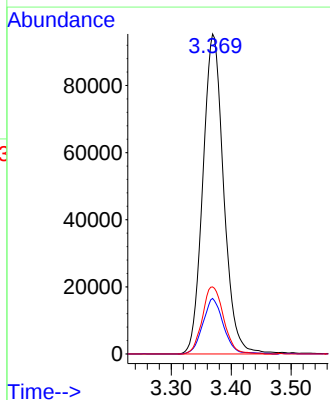
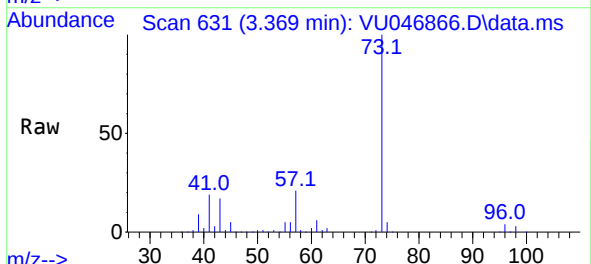
Manual Integrations
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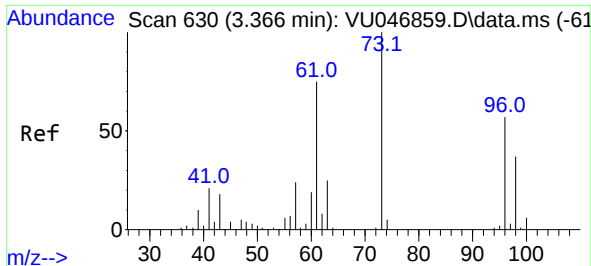
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#17
Methyl tert-butyl Ether
Concen: 13.833 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.003 min
Lab File: VU046866.D
Acq: 27 Jan 2022 13:15

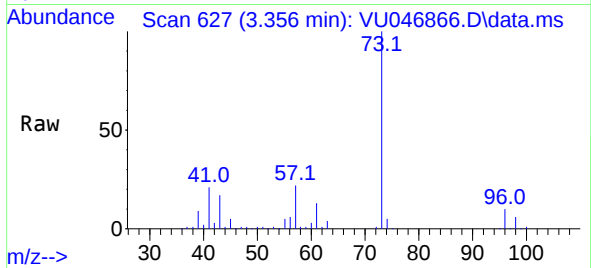
Tgt Ion: 73 Resp: 230003
Ion Ratio Lower Upper
73 100
43 17.2 14.8 22.2
57 21.5 17.4 26.0





#18
trans-1,2-Dichloroethene
Concen: 1.846 ug/L
RT: 3.356 min Scan# 61
Delta R.T. -0.010 min
Lab File: VU046866.D
Acq: 27 Jan 2022 13:15

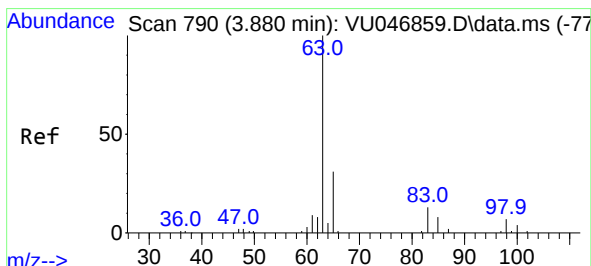
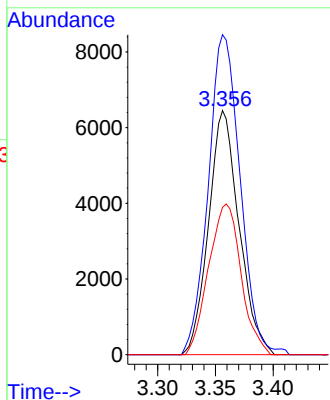
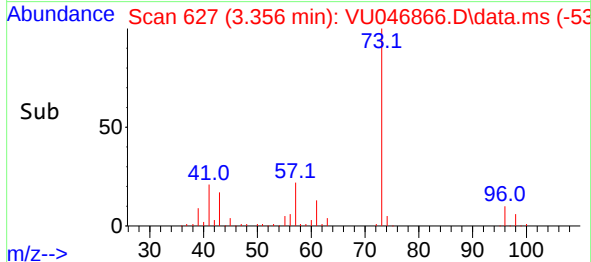
Instrument :
MSVOA_U
ClientSampleId :
BFX2



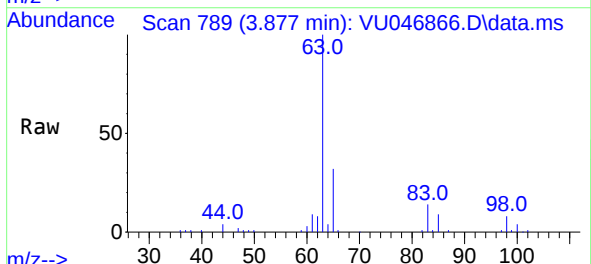
Tgt Ion: 96 Resp: 1185
Ion Ratio Lower Upper
96 100
61 131.1 100.8 187.2
98 60.3 45.1 83.7

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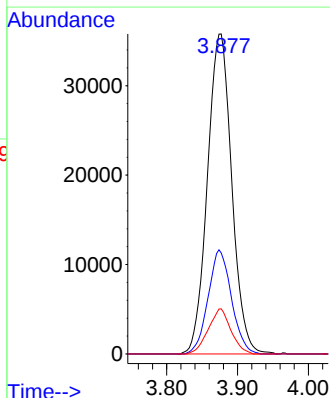
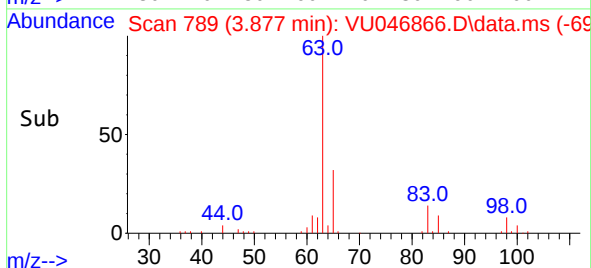
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

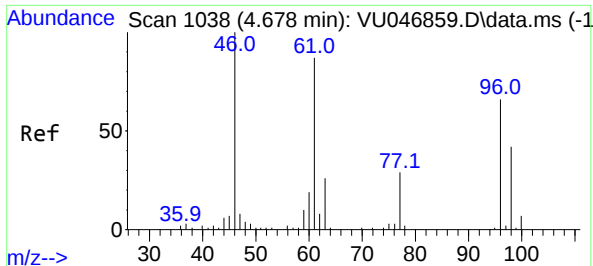


#19
1,1-Dichloroethane
Concen: 7.923 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU046866.D
Acq: 27 Jan 2022 13:15



Tgt Ion: 63 Resp: 85371
Ion Ratio Lower Upper
63 100
65 31.6 22.3 41.5
83 14.1 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 26.284 ug/L

RT: 4.671 min Scan# 110

Delta R.T. -0.007 min

Lab File: VU046866.D

Acq: 27 Jan 2022 13:15

Instrument :

MSVOA_U

ClientSampleId :

BFX2

Tgt Ion: 96 Resp: 17796

Ion Ratio Lower Upper

96 100

61 125.4 88.5 164.3

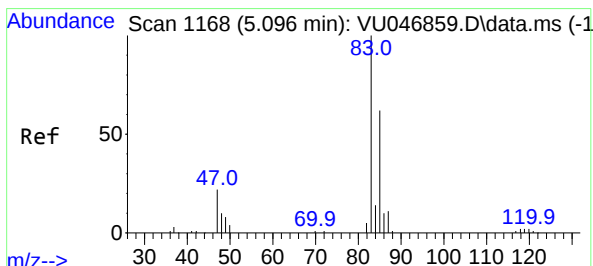
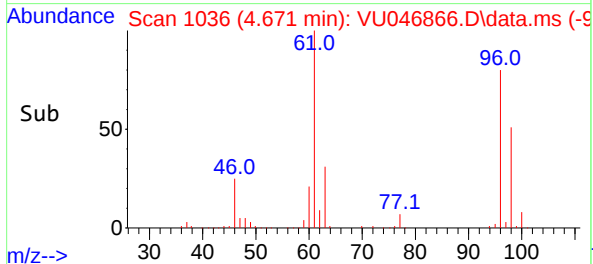
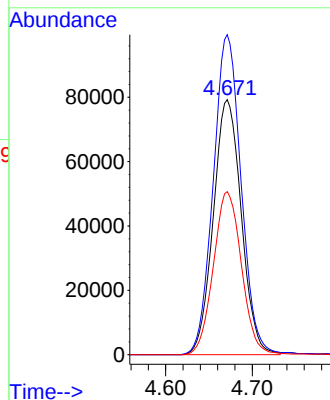
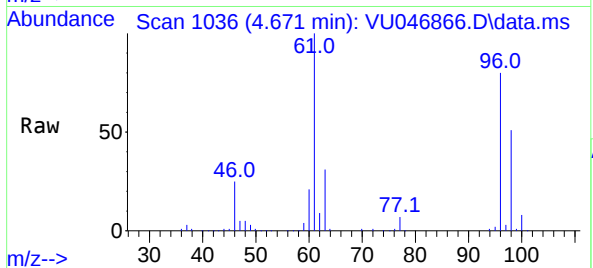
98 63.9 44.4 82.5

Manual Integrations

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Reviewed By :John Carlone 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#25

Chloroform

Concen: 0.865 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU046866.D

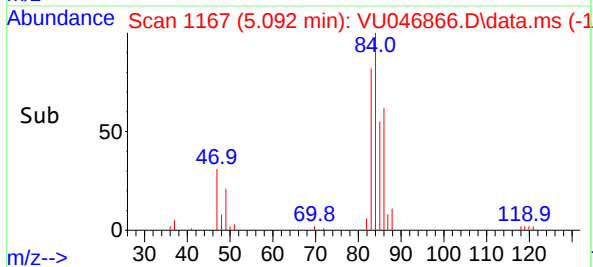
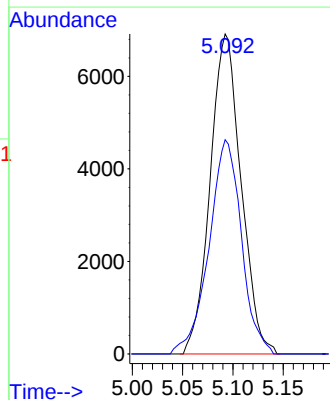
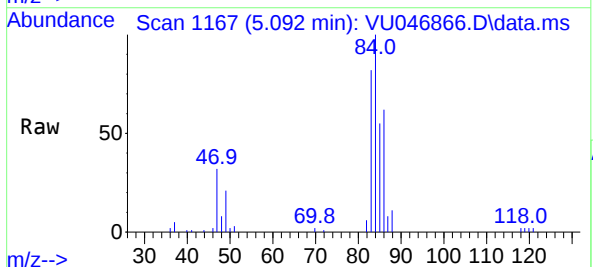
Acq: 27 Jan 2022 13:15

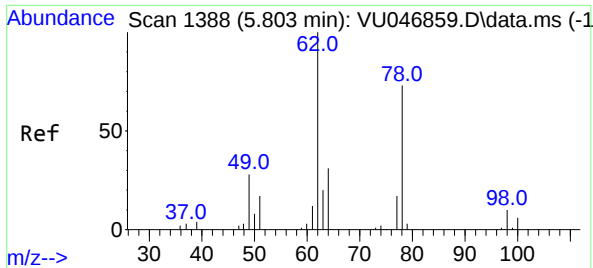
Tgt Ion: 83 Resp: 14789

Ion Ratio Lower Upper

83 100

85 67.0 46.9 87.1





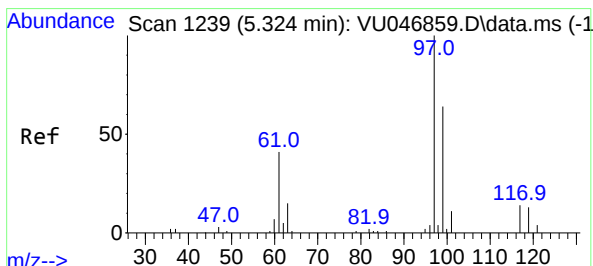
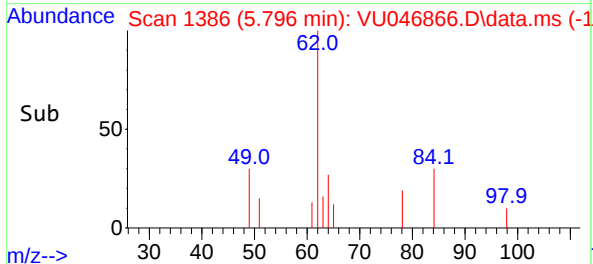
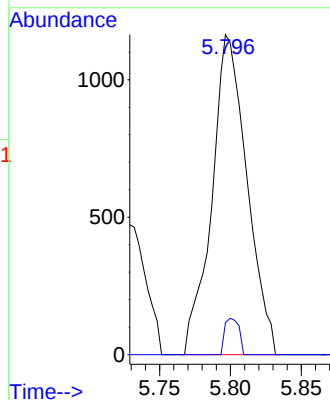
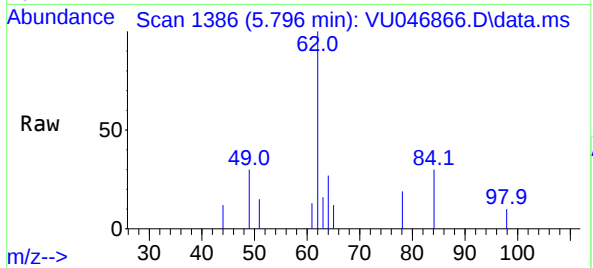
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1,2-Dichloroethane
Concen: 0.267 ug/L
RT: 5.796 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU046866.D
Acq: 27 Jan 2022 13:15

Instrument :
MSVOA_U
ClientSampleId :
BFX2

Tgt Ion: 62 Resp: 201
Ion Ratio Lower Upper
62 100
98 10.1 7.8 11.8

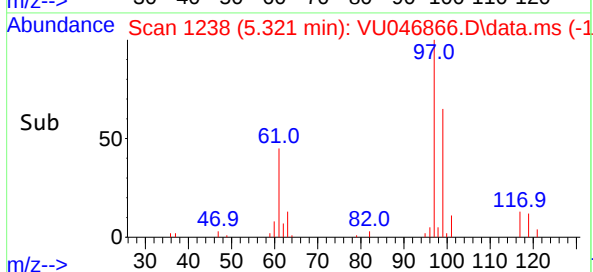
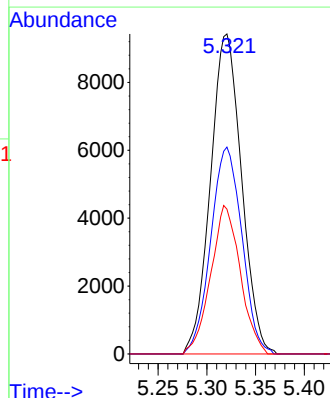
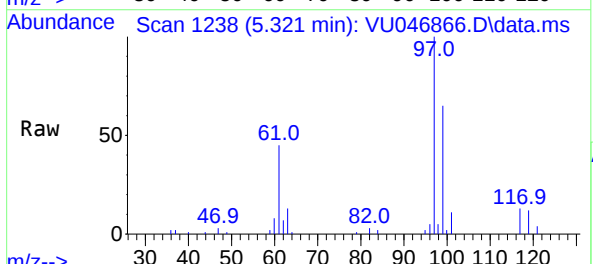
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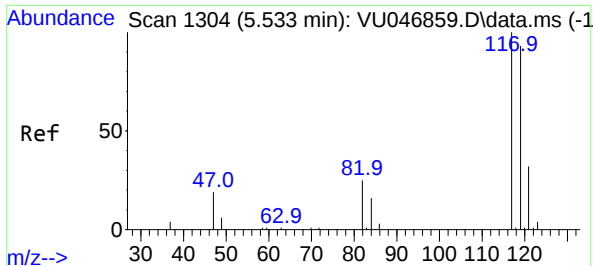
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#29
1,1,1-Trichloroethane
Concen: 1.989 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VU046866.D
Acq: 27 Jan 2022 13:15

Tgt Ion: 97 Resp: 20906
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 44.2 36.1 54.1





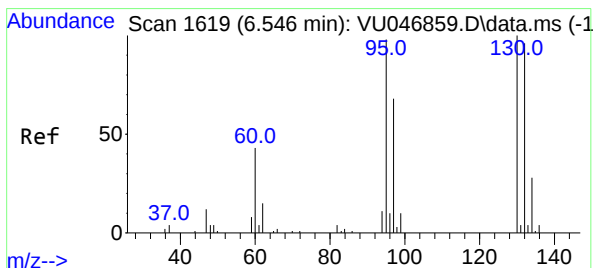
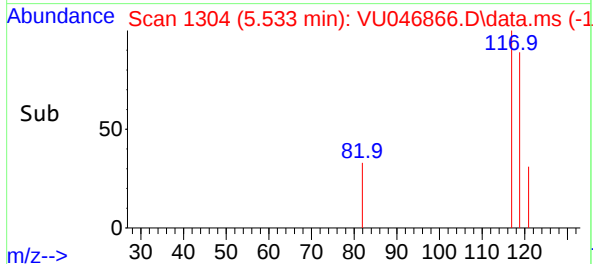
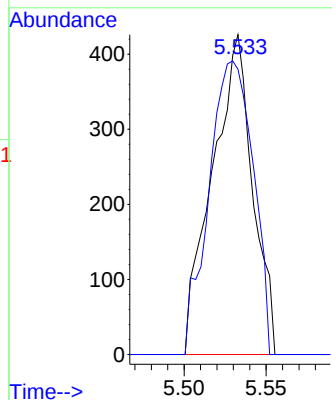
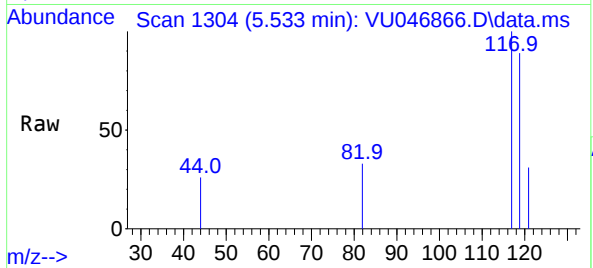
#31
Carbon tetrachloride
Concen: 0.081 ug/L
RT: 5.533 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU046866.D
Acq: 27 Jan 2022 13:15

Instrument :
MSVOA_U
ClientSampleId :
BFX2

Tgt Ion:117 Resp: 729
Ion Ratio Lower Upper
117 100
119 100.5 77.5 116.3

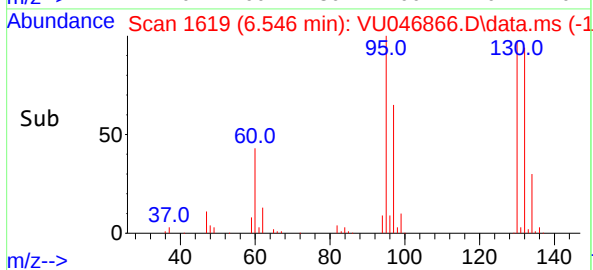
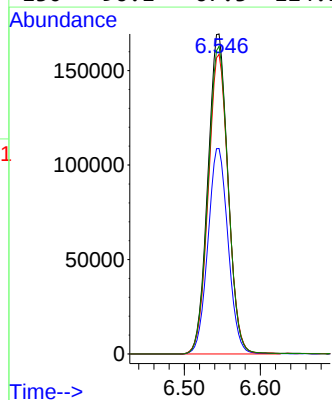
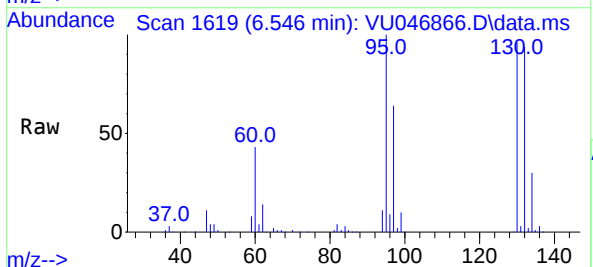
Manual Integrations
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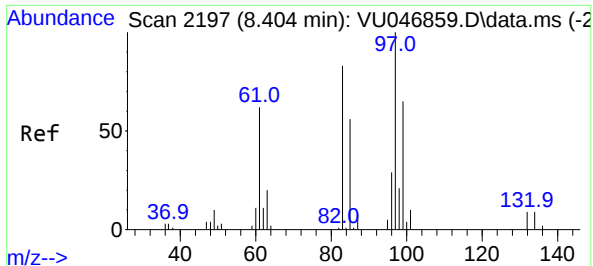
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#34
Trichloroethene
Concen: 43.619 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046866.D
Acq: 27 Jan 2022 13:15

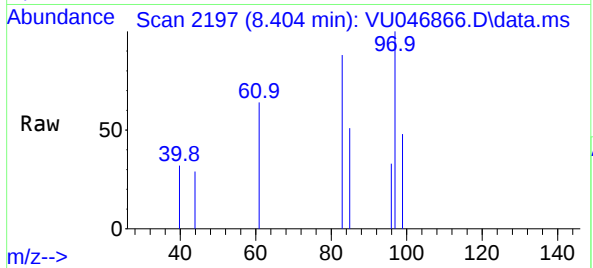
Tgt Ion: 95 Resp: 311151
Ion Ratio Lower Upper
95 100
97 64.2 46.5 86.5
132 93.6 65.1 120.9
130 96.1 67.3 124.9





#45
1,1,2-Trichloroethane
Concen: 0.101 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU046866.D
Acq: 27 Jan 2022 13:15

Instrument :
MSVOA_U
ClientSampleId :
BFXY2

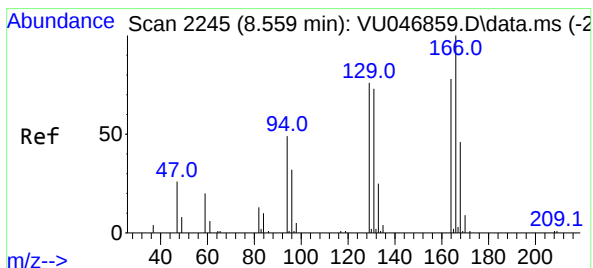
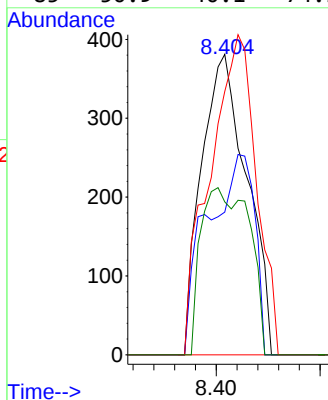
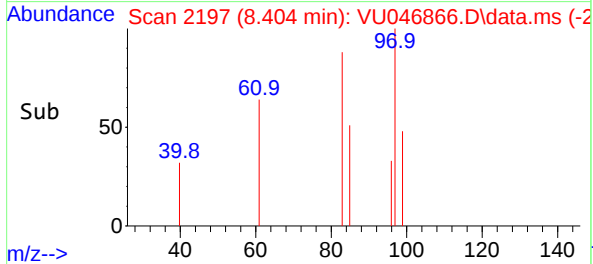


Tgt Ion: 97 Resp: 578

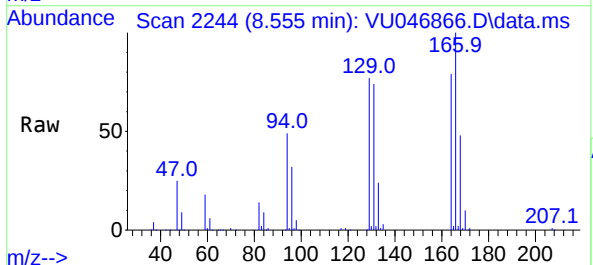
Ion	Ratio	Lower	Upper
97	100		
99	47.5	42.3	78.5
83	87.7	62.0	115.2
85	50.9	40.1	74.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

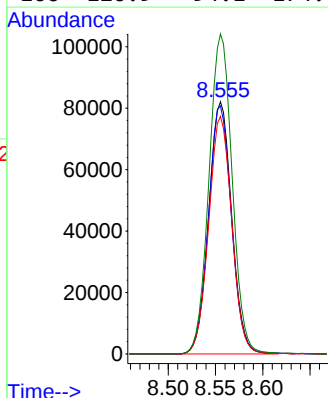
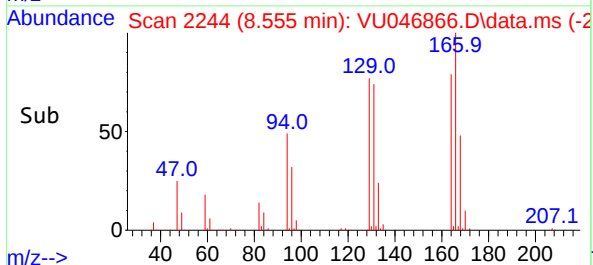


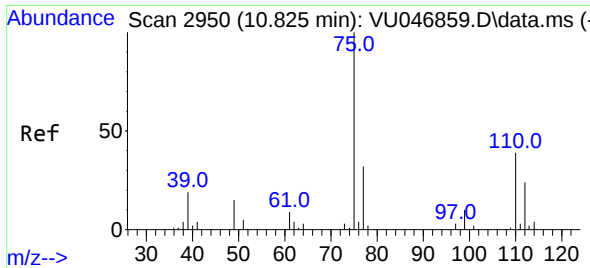
#47
Tetrachloroethene
Concen: 23.971 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU046866.D
Acq: 27 Jan 2022 13:15



Tgt Ion:164 Resp: 139071

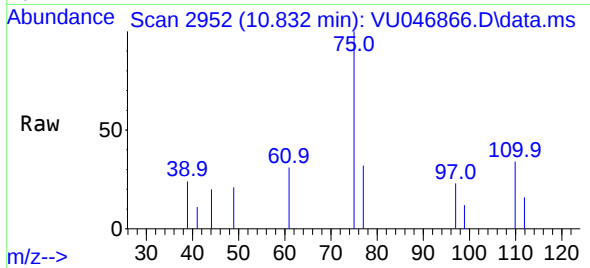
Ion	Ratio	Lower	Upper
164	100		
129	98.3	71.8	133.4
131	94.2	68.5	127.3
166	126.9	94.1	174.8





#61
1,2,3-Trichloropropane
Concen: 0.273 ug/L
RT: 10.832 min Scan# 2950
Delta R.T. 0.006 min
Lab File: VU046866.D
Acq: 27 Jan 2022 13:15

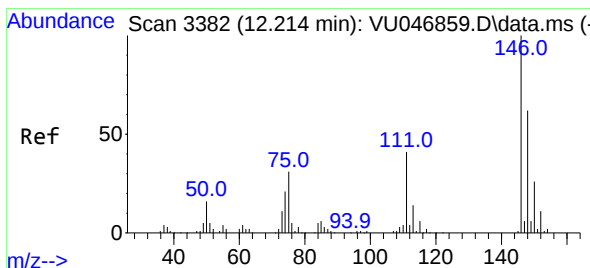
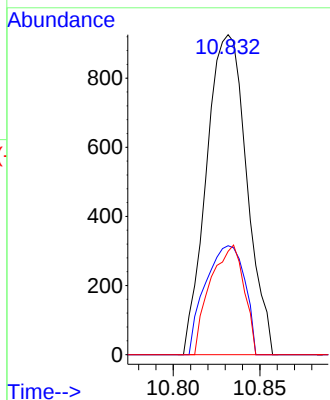
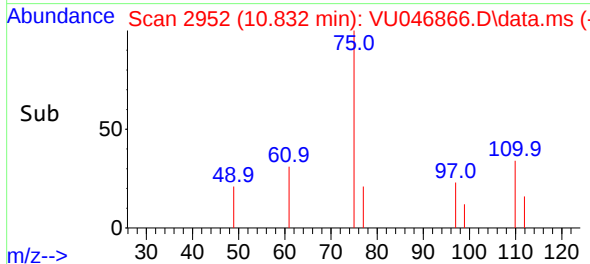
Instrument :
MSVOA_U
ClientSampleId :
BFX2



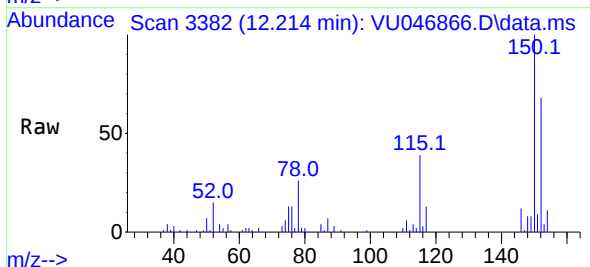
Tgt Ion: 75 Resp: 1490
Ion Ratio Lower Upper
75 100
110 33.3 29.9 44.9
77 28.6 25.5 38.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#67
1,2-Dichlorobenzene
Concen: 0.173 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU046866.D
Acq: 27 Jan 2022 13:15



Tgt Ion:146 Resp: 2520
Ion Ratio Lower Upper
146 100
111 51.8 35.4 53.0
148 64.6 51.1 76.7

