

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021822\
 Data File : VU047220.D
 Acq On : 17 Feb 2022 21:36
 Operator : SY/MD
 Sample : N1545-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY04

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2022
 Supervised By : Mahesh Dadoda 02/22/2022

Quant Time: Feb 18 03:36:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 03:32:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	7.507	114	133564m	5.000	ug/L	1.25
28) Chlorobenzene-d5	9.783	117	116292m	5.000	ug/L	0.36
58) 1,4-Dichlorobenzene-d4	11.912	152	49022	5.000	ug/L	0.10
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0	0.000	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	0.000	69	0	0.000	ug/L	
Spiked Amount	5.000	Range	65 - 130	Recovery	=	0.000%#
11) 1,1-Dichloroethene-d2	0.000	65	0	0.000	ug/L	
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.000%#
20) 2-Butanone-d5	4.549	46	391	0.145	ug/L	-0.09
Spiked Amount	50.000	Range	40 - 130	Recovery	=	0.300%#
24) Chloroform-d	5.105	84	123	0.007	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.200%#
26) 1,2-Dichloroethane-d4	5.690	65	158	0.015	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.400%#
32) Benzene-d6	5.738	84	287	0.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.200%#
36) 1,2-Dichloropropane-d6	6.693	67	184	0.018	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	0.400%#
41) Toluene-d8	7.918	98	44	0.001	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.000%#
43) trans-1,3-Dichloroprop...	8.349	79	36494	7.786	ug/L	0.17
Spiked Amount	5.000	Range	55 - 130	Recovery	=	155.800%#
46) 2-Hexanone-d5	8.706	63	65	0.026	ug/L	0.07
Spiked Amount	50.000	Range	45 - 130	Recovery	=	0.060%#
56) 1,1,2,2-Tetrachloroeth...	10.912	84	43626	4.642	ug/L	0.15
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.275	152	43920	4.993	ug/L	0.08
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
15) Methyl Acetate	3.028	43	786	0.188	ug/L #	57
27) 1,2-Dichloroethane	5.645	62	22499	1.936	ug/L #	89
37) 1,2-Dichloropropane	6.835	63	985	0.115	ug/L	100
39) cis-1,3-Dichloropropene	7.507	75	7281	0.548	ug/L	83
40) 4-Methyl-2-pentanone	7.754	43	13713	2.250	ug/L #	48
45) 1,1,2-Trichloroethane	8.603	97	7055	1.064	ug/L #	1
47) Tetrachloroethene	9.095	164	37605m	5.258	ug/L	
49) Dibromochloromethane	9.095	129	22974	2.875	ug/L #	10
59) Bromoform	10.523	173	945	0.265	ug/L #	90
62) 1,3,5-Trimethylbenzene	11.986	105	12528	0.652	ug/L	91
63) 1,2,4-Trimethylbenzene	11.986	105	12528	0.507	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.012	75	235	0.217	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.954	180	5313	0.464	ug/L #	26
70) 1,2,4-trichlorobenzene	14.073	180	12545	1.176	ug/L	96
71) Naphthalene	14.114	128	18911	0.859	ug/L #	1
72) 1,2,3-Trichlorobenzene	14.301	180	88495	8.819	ug/L #	45

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

Instrument :

MSVOA_U

ClientSampleId :

BFY04

Manual Integrations

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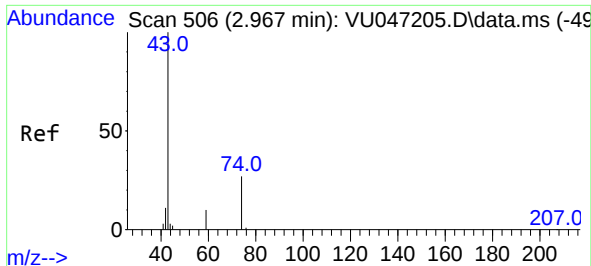
Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022

Manual Integrations

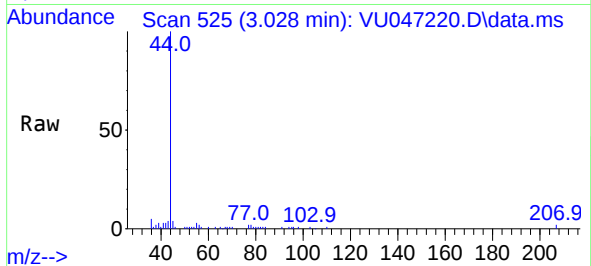
Quant Time: Feb 18 03:36:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 18 03:32:37 2022
Response via : Initial Calibration





#15
Methyl Acetate
Concen: 0.188 ug/L
RT: 3.028 min Scan# 51
Delta R.T. 0.061 min
Lab File: VU047220.D
Acq: 17 Feb 2022 21:36

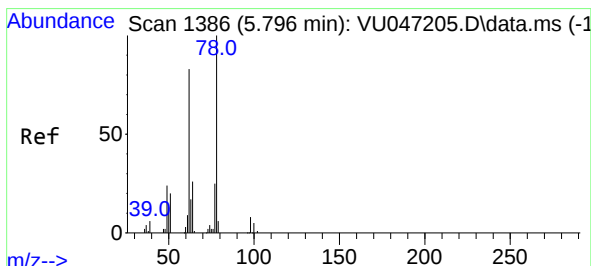
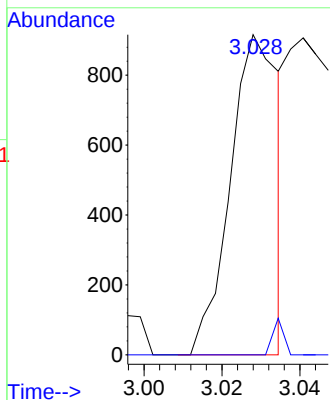
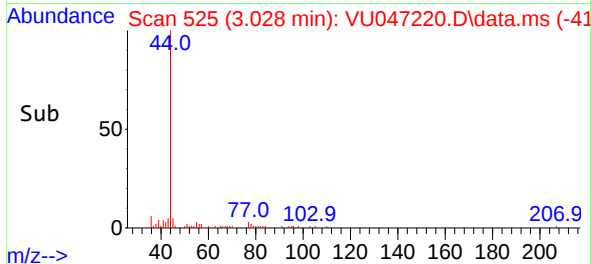
Instrument :
MSVOA_U
ClientSampleId :
BFY04



Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
74 2.5 19.1 28.7

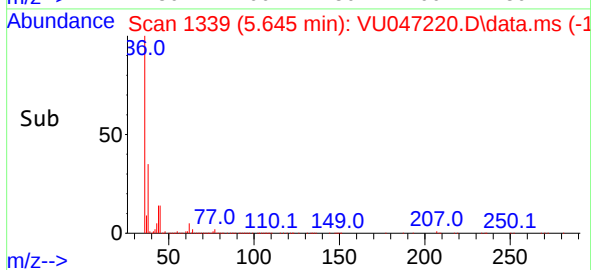
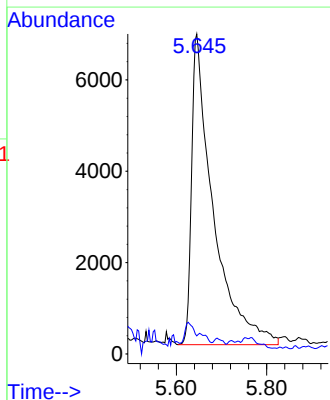
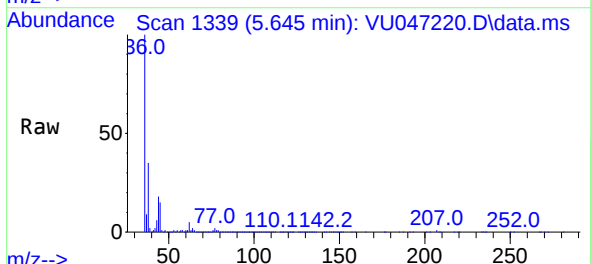
Manual Integrations
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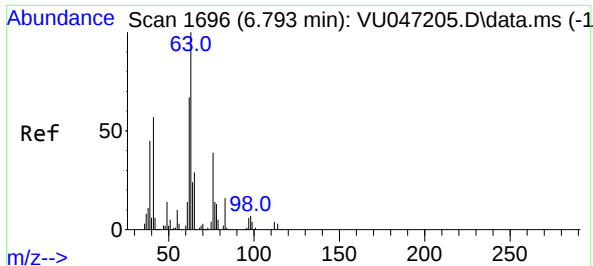
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#27
1,2-Dichloroethane
Concen: 1.936 ug/L
RT: 5.645 min Scan# 1339
Delta R.T. -0.151 min
Lab File: VU047220.D
Acq: 17 Feb 2022 21:36

Tgt Ion: 62 Resp: 22499
Ion Ratio Lower Upper
62 100
98 5.7 7.8 11.8





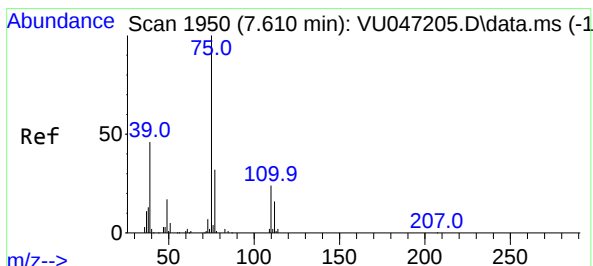
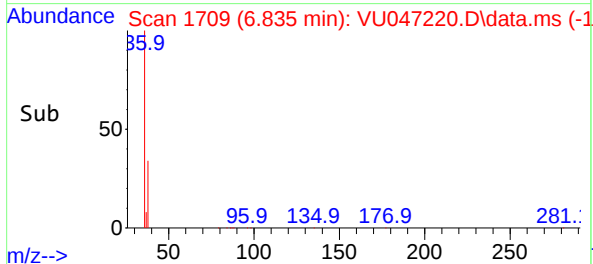
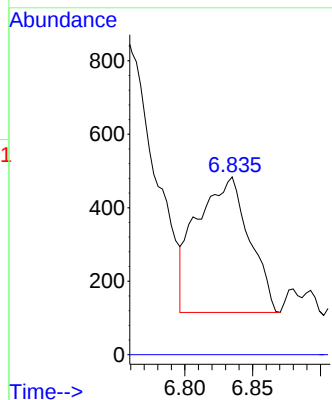
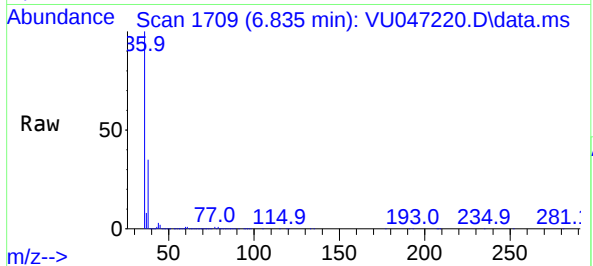
#37
1,2-Dichloropropane
Concen: 0.115 ug/L
RT: 6.835 min Scan# 11
Delta R.T. 0.042 min
Lab File: VU047220.D
Acq: 17 Feb 2022 21:36

Instrument :
MSVOA_U
ClientSampleId :
BFY04

Tgt Ion: 63 Resp: 98
Ion Ratio Lower Upper
63 100
112 4.0 3.2 4.8

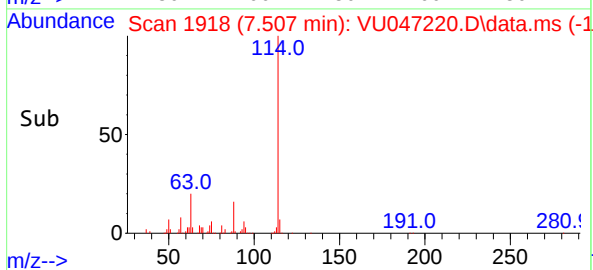
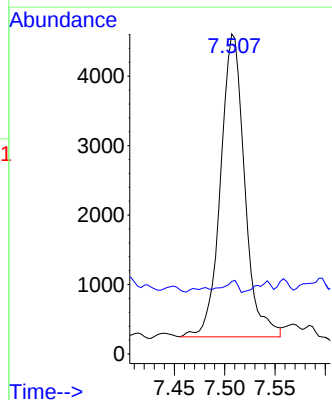
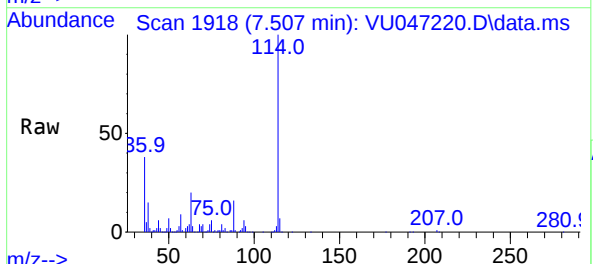
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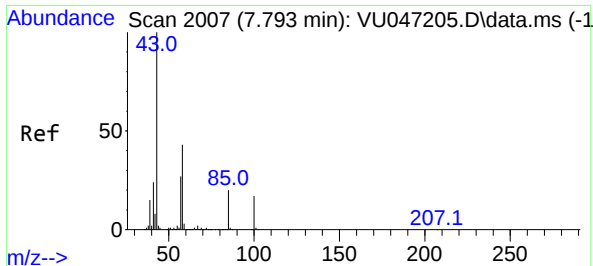
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#39
cis-1,3-Dichloropropene
Concen: 0.548 ug/L
RT: 7.507 min Scan# 1918
Delta R.T. -0.103 min
Lab File: VU047220.D
Acq: 17 Feb 2022 21:36

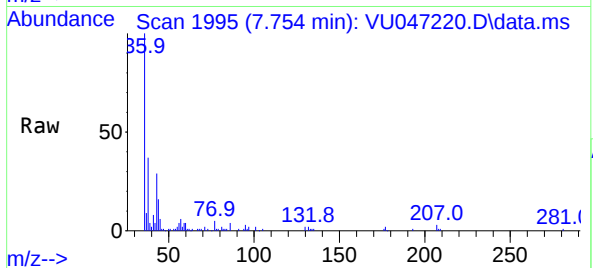
Tgt Ion: 75 Resp: 7281
Ion Ratio Lower Upper
75 100
77 22.7 22.5 41.9





#40
4-Methyl-2-pentanone
Concen: 2.250 ug/L
RT: 7.754 min Scan# 1995
Delta R.T. -0.039 min
Lab File: VU047220.D
Acq: 17 Feb 2022 21:36

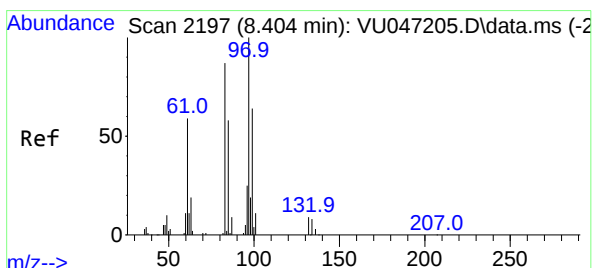
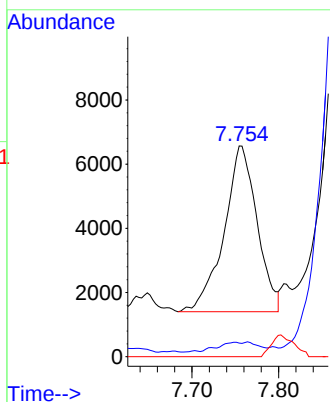
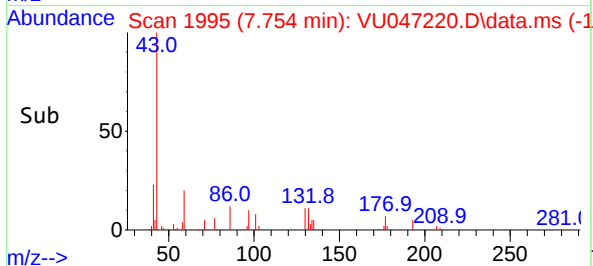
Instrument :
MSVOA_U
ClientSampleId :
BFY04



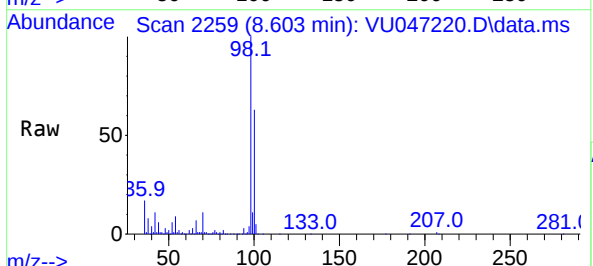
Tgt Ion: 43 Resp: 1371
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7
100 8.9 13.2 19.8

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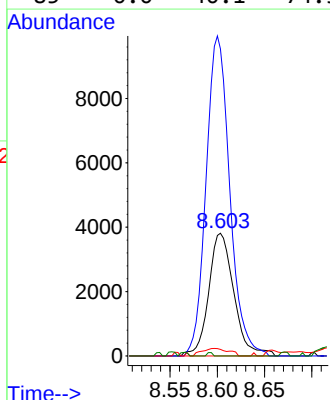
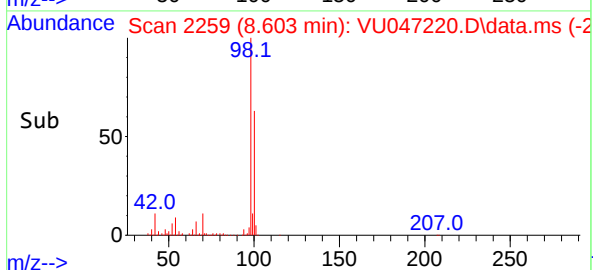
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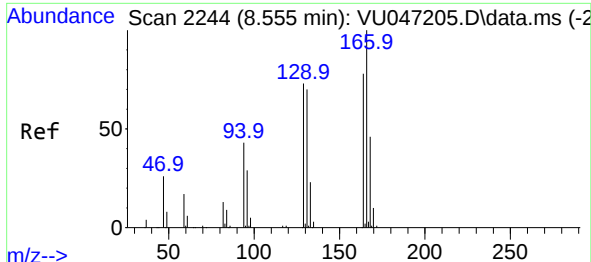


#45
1,1,2-Trichloroethane
Concen: 1.064 ug/L
RT: 8.603 min Scan# 2259
Delta R.T. 0.199 min
Lab File: VU047220.D
Acq: 17 Feb 2022 21:36



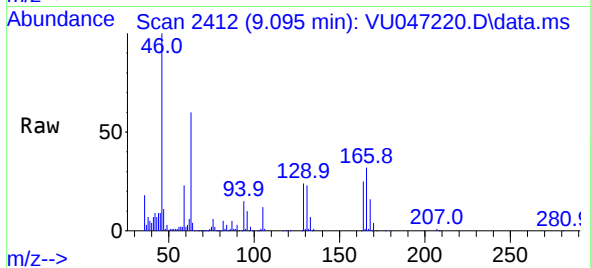
Tgt Ion: 97 Resp: 7055
Ion Ratio Lower Upper
97 100
99 250.2 42.3 78.5#
83 5.4 62.0 115.2#
85 0.0 40.1 74.5#





#47
Tetrachloroethene
Concen: 5.258 ug/L m
RT: 9.095 min Scan# 2412
Delta R.T. 0.540 min
Lab File: VU047220.D
Acq: 17 Feb 2022 21:36

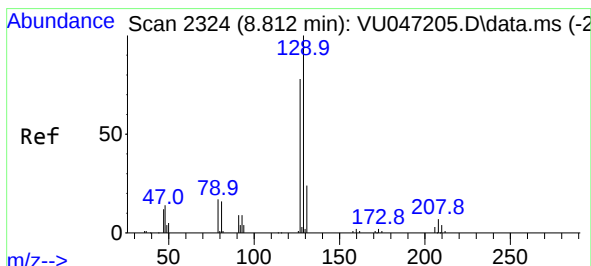
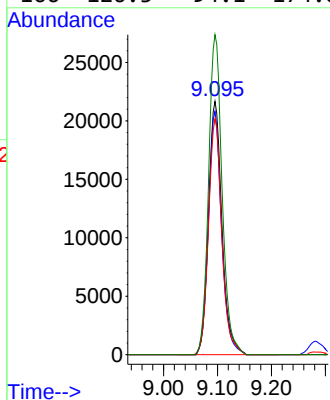
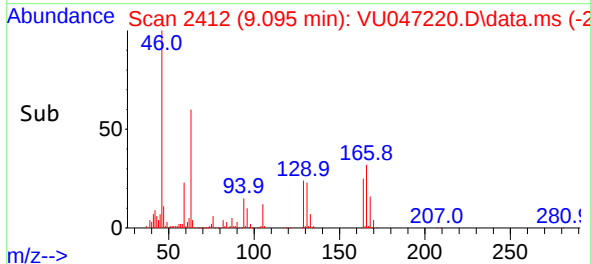
Instrument :
MSVOA_U
ClientSampleId :
BFY04



Tgt Ion:164 Resp: 3760
Ion Ratio Lower Upper
164 100
129 96.1 71.8 133.4
131 93.1 68.5 127.3
166 126.3 94.1 174.8

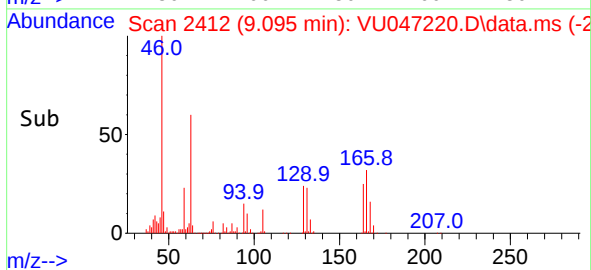
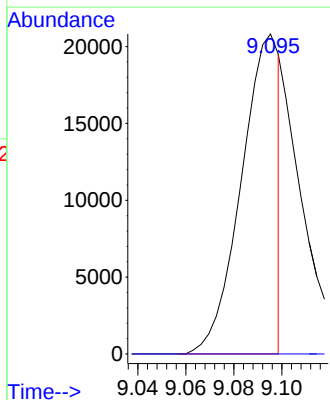
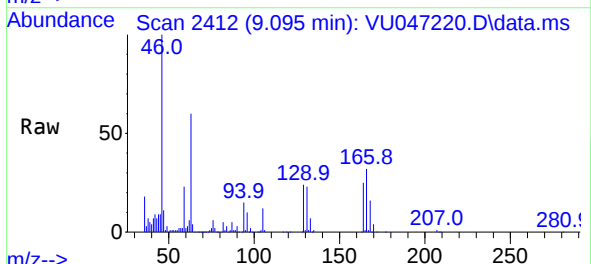
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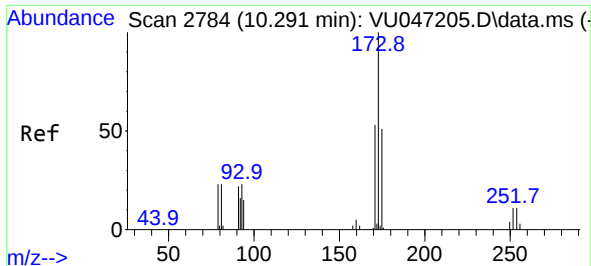
Reviewed By :John Carlone 02/22/2022
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#49
Dibromochloromethane
Concen: 2.875 ug/L
RT: 9.095 min Scan# 2412
Delta R.T. 0.283 min
Lab File: VU047220.D
Acq: 17 Feb 2022 21:36

Tgt Ion:129 Resp: 22974
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





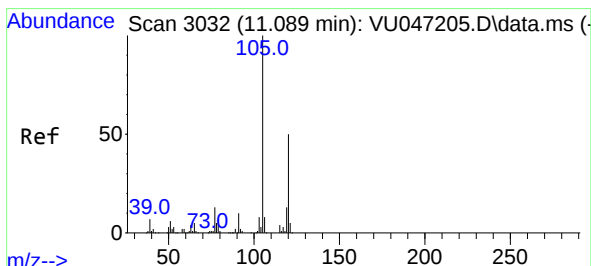
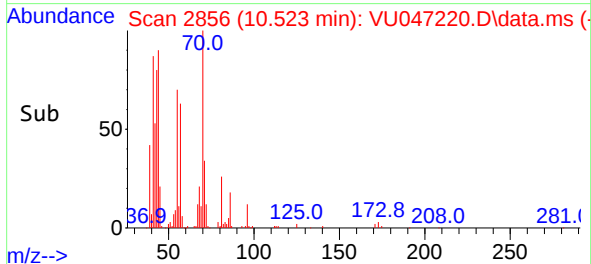
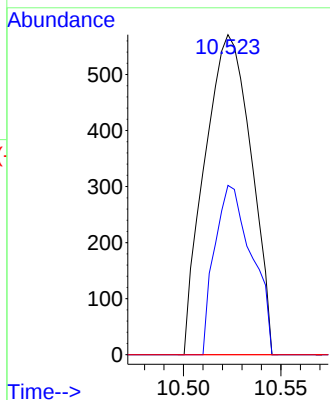
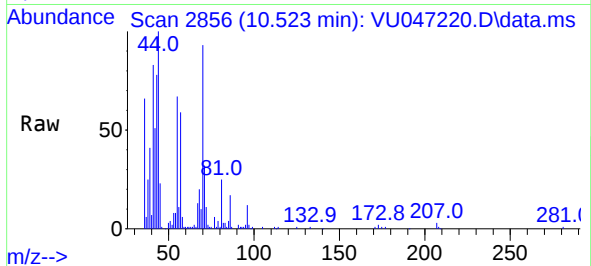
#59
Bromoform
Concen: 0.265 ug/L
RT: 10.523 min Scan# 21
Delta R.T. 0.231 min
Lab File: VU047220.D
Acq: 17 Feb 2022 21:36

Instrument :
MSVOA_U
ClientSampleId :
BFY04

Tgt Ion:173 Resp: 94
Ion Ratio Lower Upper
173 100
175 42.4 37.8 56.6
254 0.0 7.3 10.9

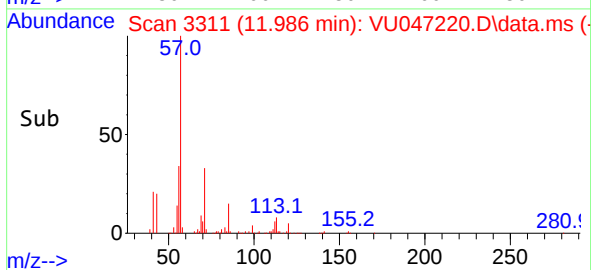
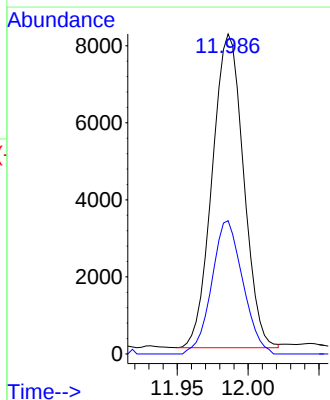
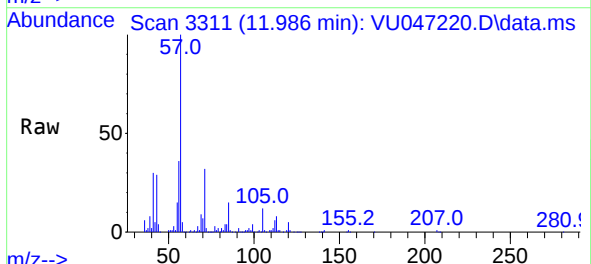
Manual Integrations
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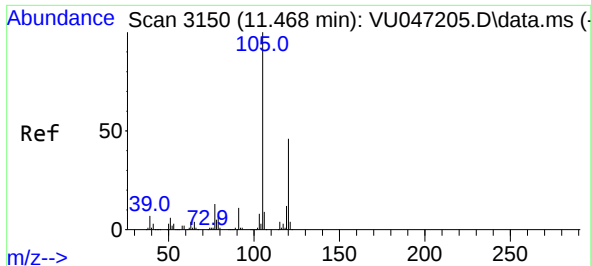
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#62
1,3,5-Trimethylbenzene
Concen: 0.652 ug/L
RT: 11.986 min Scan# 3311
Delta R.T. 0.897 min
Lab File: VU047220.D
Acq: 17 Feb 2022 21:36

Tgt Ion:105 Resp: 12528
Ion Ratio Lower Upper
105 100
120 42.0 38.3 57.5





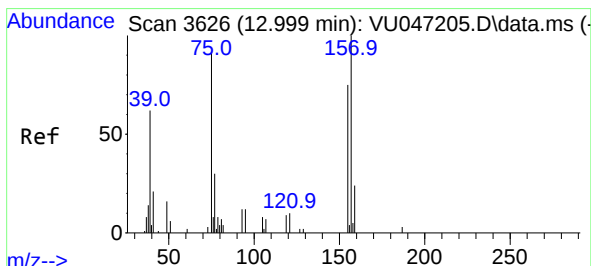
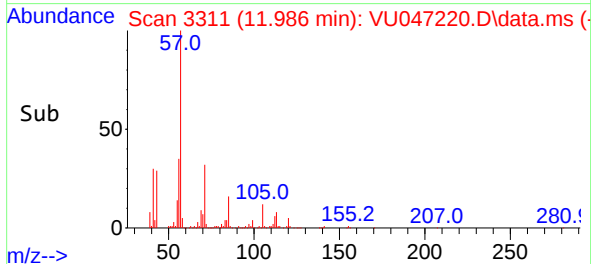
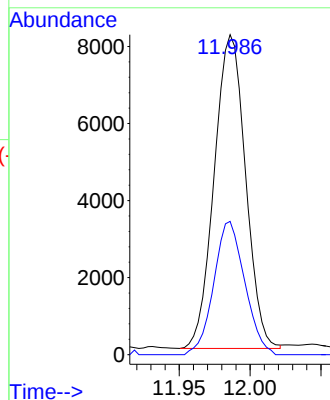
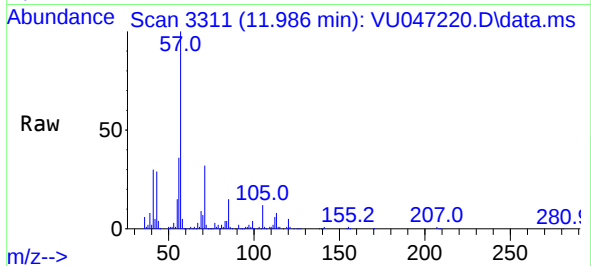
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1,2,4-Trimethylbenzene
Concen: 0.507 ug/L
RT: 11.986 min Scan# 3150
Delta R.T. 0.518 min
Lab File: VU047220.D
Acq: 17 Feb 2022 21:36

Instrument :
MSVOA_U
ClientSampleId :
BFY04

Tgt Ion:105 Resp: 12528
Ion Ratio Lower Upper
105 100
120 42.0 35.8 53.8

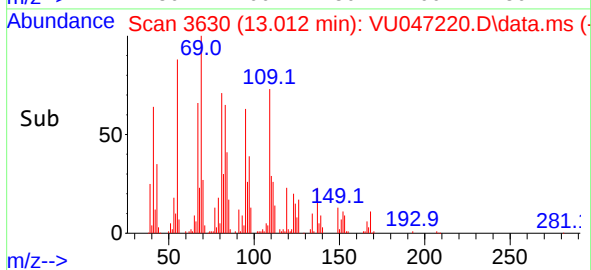
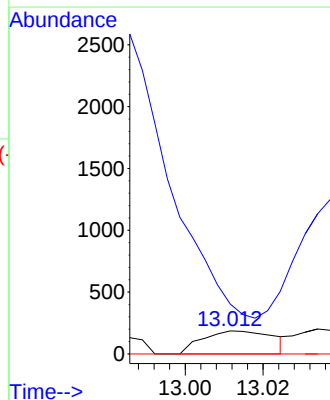
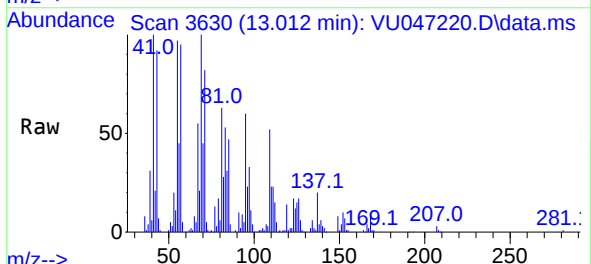
Manual Integrations
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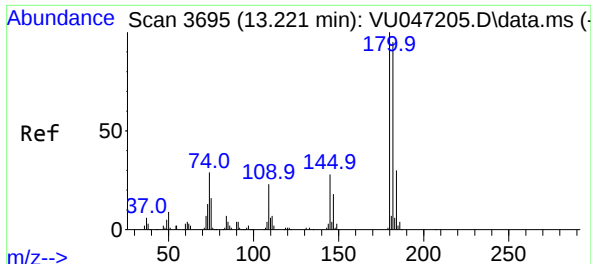
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#68
1,2-Dibromo-3-chloropropane
Concen: 0.217 ug/L
RT: 13.012 min Scan# 3630
Delta R.T. 0.013 min
Lab File: VU047220.D
Acq: 17 Feb 2022 21:36

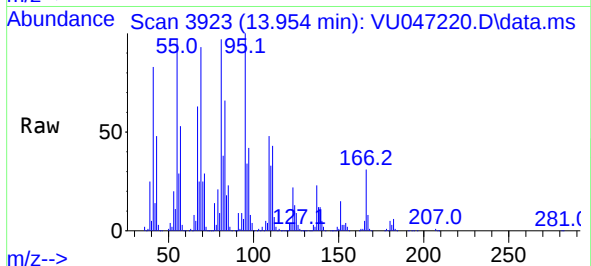
Tgt Ion: 75 Resp: 235
Ion Ratio Lower Upper
75 100
155 217.7 59.2 88.8#
157 0.0 76.5 114.7#





#69
1,3,5-Trichlorobenzene
Concen: 0.464 ug/L
RT: 13.954 min Scan# 3923
Delta R.T. 0.733 min
Lab File: VU047220.D
Acq: 17 Feb 2022 21:36

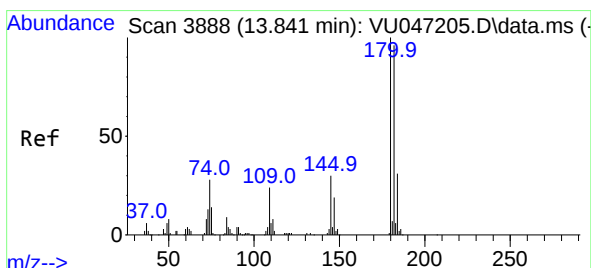
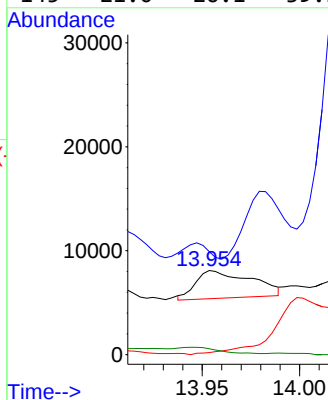
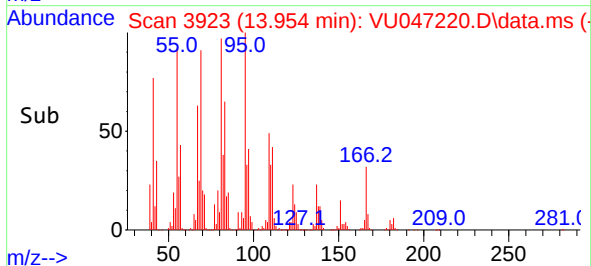
Instrument :
MSVOA_U
ClientSampleId :
BFY04



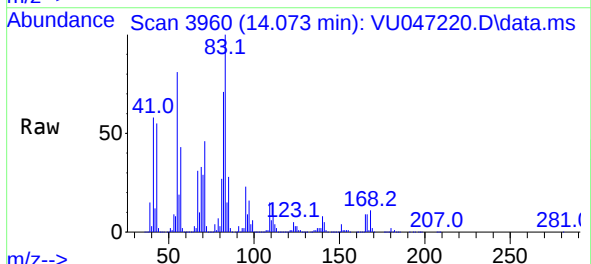
Tgt Ion:180 Resp: 531
Ion Ratio Lower Upper
180 100
182 0.0 76.1 114.1
184 0.0 25.0 37.4
145 21.0 26.1 39.1

Manual Integrations
APPROVED

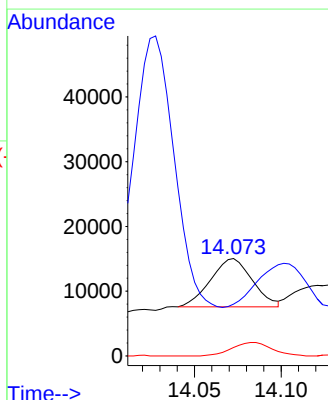
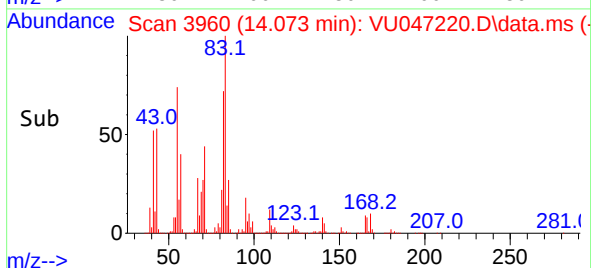
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

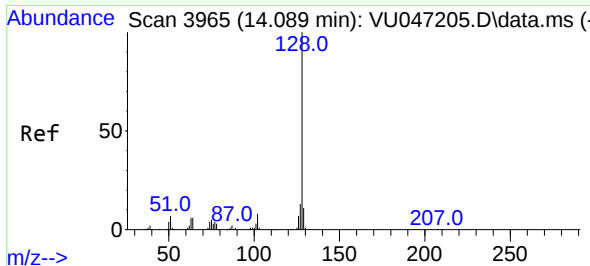


#70
1,2,4-trichlorobenzene
Concen: 1.176 ug/L
RT: 14.073 min Scan# 3960
Delta R.T. 0.231 min
Lab File: VU047220.D
Acq: 17 Feb 2022 21:36



Tgt Ion:180 Resp: 12545
Ion Ratio Lower Upper
180 100
182 97.4 76.4 114.6
145 26.7 25.6 38.4





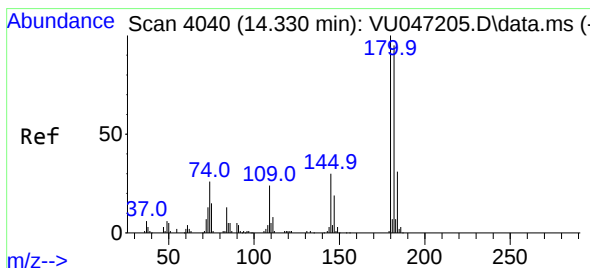
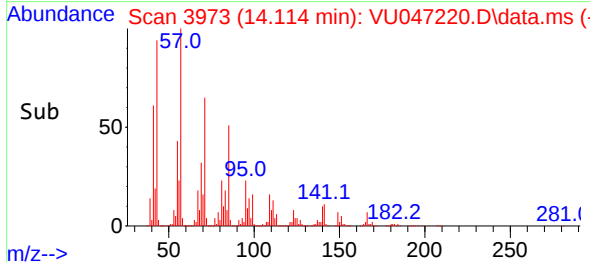
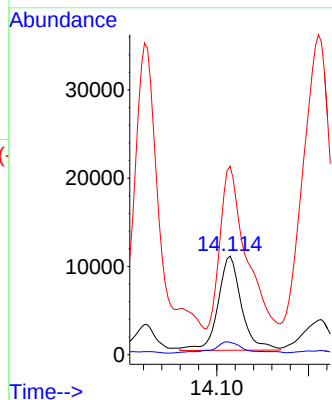
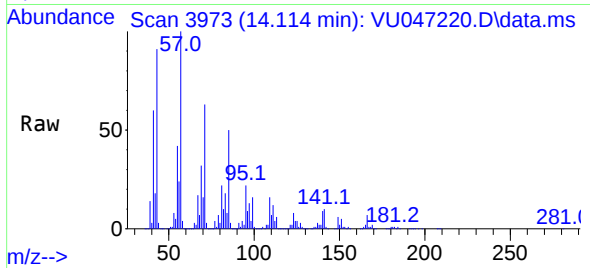
#71
Naphthalene
Concen: 0.859 ug/L
RT: 14.114 min Scan# 3965
Delta R.T. 0.026 min
Lab File: VU047220.D
Acq: 17 Feb 2022 21:36

Instrument :
MSVOA_U
ClientSampleId :
BFY04

Tgt Ion:128 Resp: 18910
Ion Ratio Lower Upper
128 100
129 14.9 8.4 12.6
127 187.6 10.2 15.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#72
1,2,3-Trichlorobenzene
Concen: 8.819 ug/L
RT: 14.301 min Scan# 4031
Delta R.T. -0.029 min
Lab File: VU047220.D
Acq: 17 Feb 2022 21:36

Tgt Ion:180 Resp: 88495
Ion Ratio Lower Upper
180 100
182 43.4 76.2 114.4#
145 0.7 28.4 42.6#

