

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052622\
 Data File : VU048675.D
 Acq On : 26 May 2022 12:34
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/27/2022
 Supervised By : Mahesh Dadoda 05/27/2022

Quant Time: May 27 06:50:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	135992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	284322	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	313032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	168701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	126729	62.051	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 124.100%#			
35) Dibromofluoromethane	5.292	113	105299	51.912	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.820%			
50) Toluene-d8	7.899	98	384115	52.827	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.660%			
62) 4-Bromofluorobenzene	10.632	95	153518	55.827	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	675	0.434	ug/l	76
3) Chloromethane	1.523	50	752	0.375	ug/l #	75
4) Vinyl Chloride	1.600	62	520	0.280	ug/l #	40
7) Trichlorofluoromethane	2.141	101	827	0.312	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.581	101	526	0.362	ug/l #	70
12) 1,1-Dichloroethene	2.578	96	717	0.518	ug/l #	81
13) Acrolein	2.498	56	832	0.610	ug/l	95
14) Allyl chloride	2.916	41	991	0.370	ug/l #	56
15) Acrylonitrile	3.324	53	3607	3.212	ug/l	90
16) Acetone	2.633	43	4208	4.043	ug/l	100
17) Carbon Disulfide	2.797	76	8475	2.097	ug/l	99
18) Methyl Acetate	2.957	43	1936	0.741	ug/l	92
20) Methylene Chloride	3.044	84	1461	0.825	ug/l	87
21) trans-1,2-Dichloroethene	3.356	96	1186	0.749	ug/l	96
25) 2-Butanone	4.716	43	5310m	3.551	ug/l	
29) Tetrahydrofuran	5.063	42	3078	3.268	ug/l #	68
36) 1,1-Dichloropropene	5.539	75	1442	0.487	ug/l #	67
39) Methylcyclohexane	6.761	83	1221	0.393	ug/l	96
40) Benzene	5.774	78	1810	0.207	ug/l #	89
43) Isopropyl Acetate	5.915	43	2111	0.389	ug/l #	82
44) Trichloroethene	6.552	130	1284	0.570	ug/l	90
49) 1,4-Dioxane	6.986	88	1808m	33.167	ug/l	
51) 4-Methyl-2-Pentanone	7.796	43	12788	3.626	ug/l	98
52) Toluene	7.970	92	1966	0.376	ug/l	89
53) t-1,3-Dichloropropene	8.211	75	1206	0.336	ug/l #	50
54) cis-1,3-Dichloropropene	7.607	75	868	0.234	ug/l #	92
55) 1,1,2-Trichloroethane	8.404	97	650	0.282	ug/l #	81
56) Ethyl methacrylate	8.337	69	1533	3.012	ug/l #	84
57) 1,3-Dichloropropane	8.578	76	1392	0.358	ug/l	97
59) 2-Hexanone	8.690	43	16608	5.736	ug/l	92
60) Dibromochloromethane	8.819	129	819	0.317	ug/l	96
61) 1,2-Dibromoethane	8.925	107	1077	0.424	ug/l #	47
65) Chlorobenzene	9.446	112	4361	0.659	ug/l	100
67) Ethyl Benzene	9.571	91	5601	0.502	ug/l	96
68) m/p-Xylenes	9.697	106	3915	0.896	ug/l	84
69) o-Xylene	10.102	106	1787	0.416	ug/l	97

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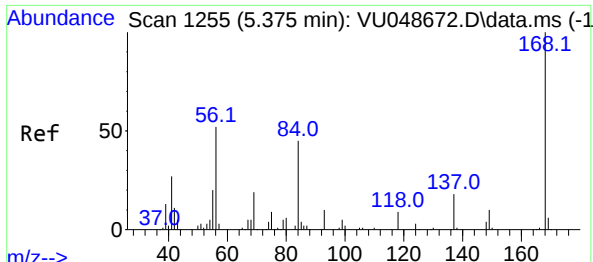
Manual Integrations
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 Supervised By :Mahesh Dadoda 05/27/2022

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

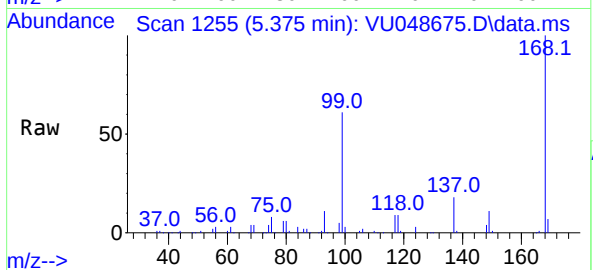
70) Styrene	10.115	104	4306	0.610	ug/l	93
71) Bromoform	10.291	173	987	0.425	ug/l #	81
73) Isopropylbenzene	10.484	105	5486	0.504	ug/l	92
74) N-amyl acetate	10.324	43	6302	3.553	ug/l	93
75) 1,1,2,2-Tetrachloroethane	10.780	83	2317	0.521	ug/l #	87
76) 1,2,3-Trichloropropane	10.825	75	3302	0.607	ug/l #	45
77) Bromobenzene	10.777	156	2492	0.852	ug/l	89
78) n-propylbenzene	10.906	91	9039	0.696	ug/l	99
79) 2-Chlorotoluene	10.986	91	5042	0.625	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	5021	0.530	ug/l	94
82) 4-Chlorotoluene	11.098	91	8049	0.864	ug/l	94
83) tert-Butylbenzene	11.420	119	4736	0.521	ug/l	85
84) 1,2,4-Trimethylbenzene	11.468	105	5881	1.749	ug/l	100
85) sec-Butylbenzene	11.645	105	8324	0.732	ug/l	95
86) p-Isopropyltoluene	11.796	119	6770	0.693	ug/l	90
87) 1,3-Dichlorobenzene	11.748	146	6850	1.194	ug/l	95
88) 1,4-Dichlorobenzene	11.838	146	8816	1.488	ug/l	83
89) n-Butylbenzene	12.211	91	13150	3.472	ug/l	95
90) Hexachloroethane	12.475	117	665	0.334	ug/l	88
91) 1,2-Dichlorobenzene	12.214	146	6545	1.130	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.999	75	1921	1.501	ug/l	95
93) 1,2,4-Trichlorobenzene	13.841	180	13978	3.677	ug/l	94
94) Hexachlorobutadiene	14.021	225	4658	2.556	ug/l	97
95) Naphthalene	14.089	128	110297	10.418	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	17638	4.684	ug/l	96

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048675.D
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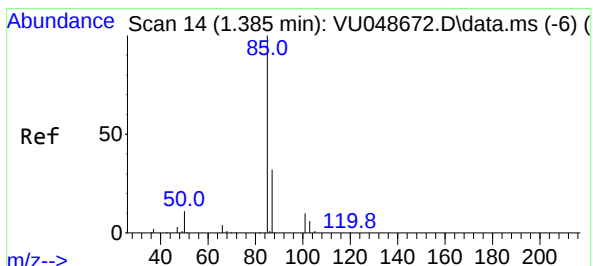
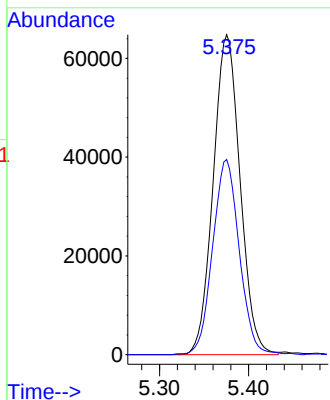
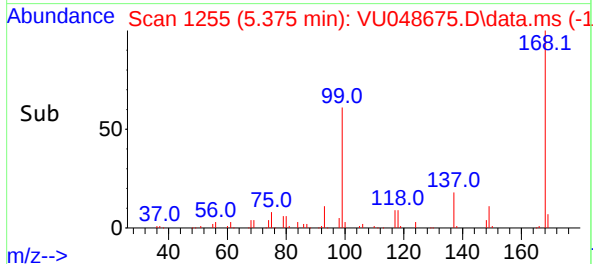
Instrument :
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IBLK



Tgt Ion:168 Resp: 135992
Ion Ratio Lower Upper
168 100
99 60.7 49.3 73.9

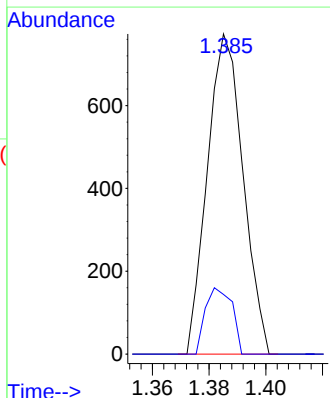
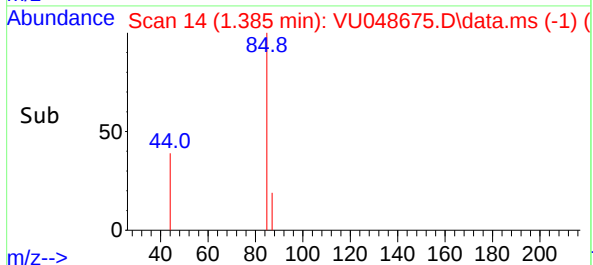
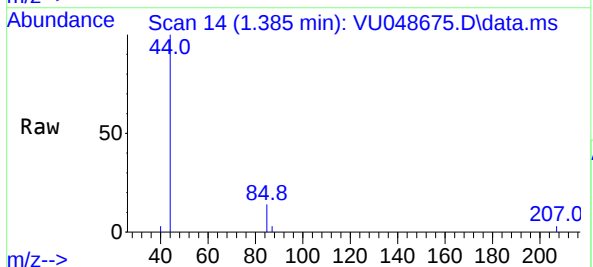
Manual Integrations
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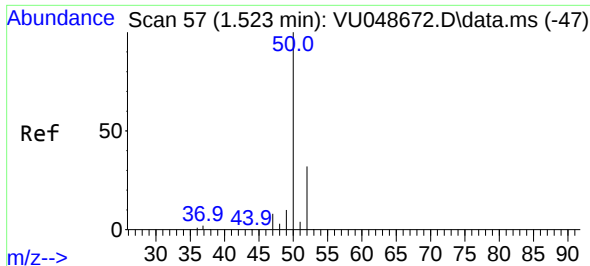
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#2
Dichlorodifluoromethane
Concen: 0.434 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

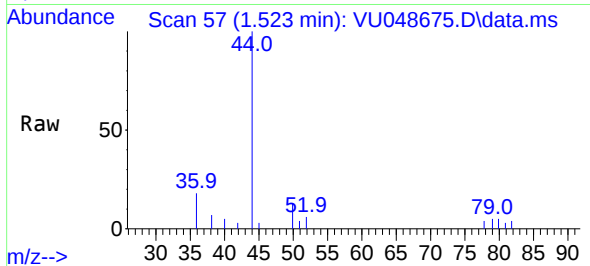
Tgt Ion: 85 Resp: 675
Ion Ratio Lower Upper
85 100
87 18.6 16.0 48.0





#3
Chloromethane
Concen: 0.375 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

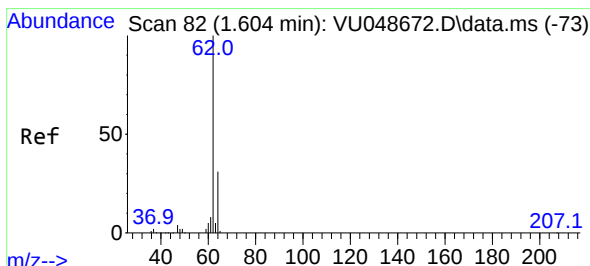
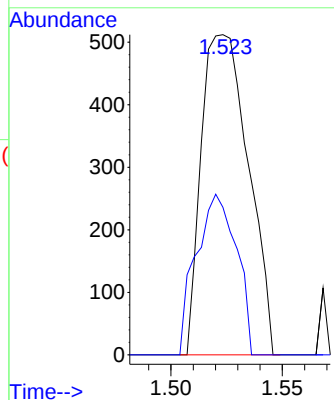
Instrument :
MSVOA_U
ClientSampleId :
IBLK



Tgt Ion: 50 Resp: 752
Ion Ratio Lower Upper
50 100
52 46.1 25.7 38.5

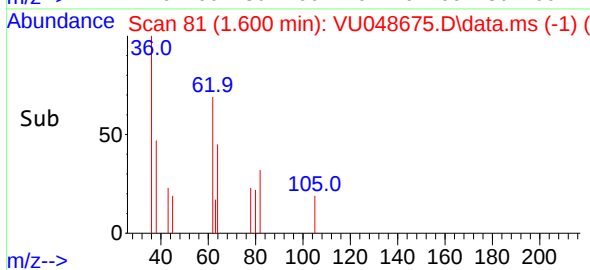
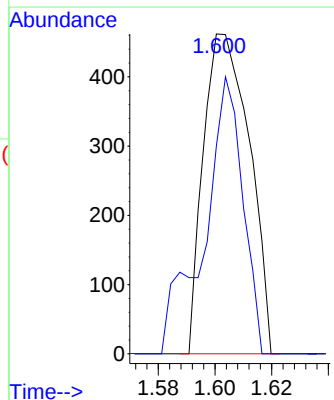
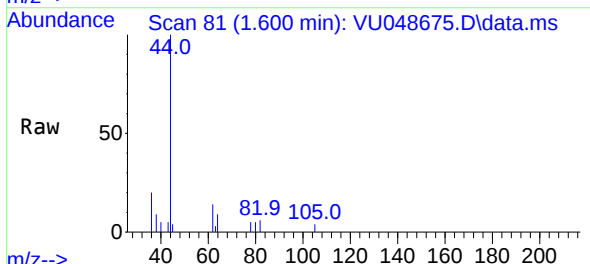
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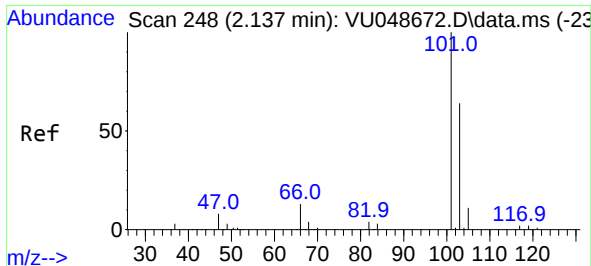
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#4
Vinyl Chloride
Concen: 0.280 ug/l
RT: 1.600 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

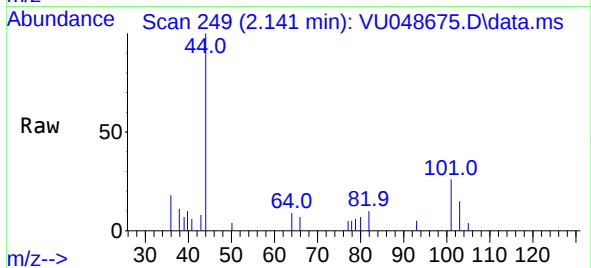
Tgt Ion: 62 Resp: 520
Ion Ratio Lower Upper
62 100
64 64.9 25.2 37.8





#7
Trichlorofluoromethane
Concen: 0.312 ug/l
RT: 2.141 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

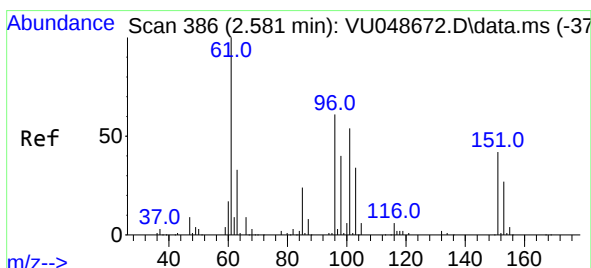
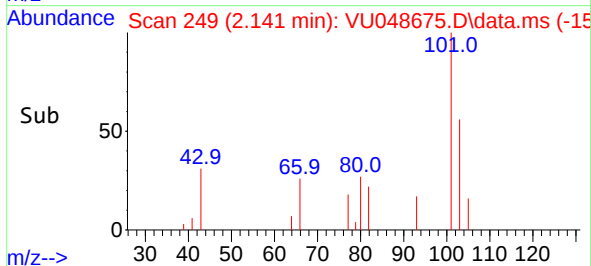
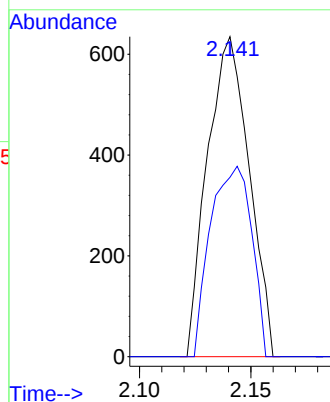
Instrument :
MSVOA_U
ClientSampleId :
IBLK



Tgt Ion:101 Resp: 821
Ion Ratio Lower Upper
101 100
103 56.1 51.0 76.4

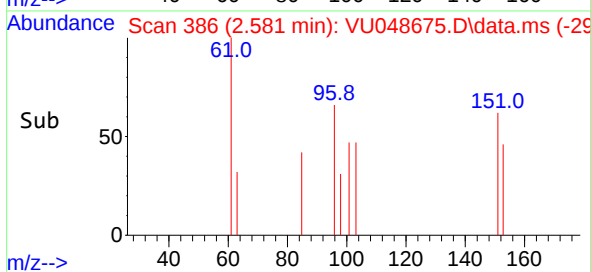
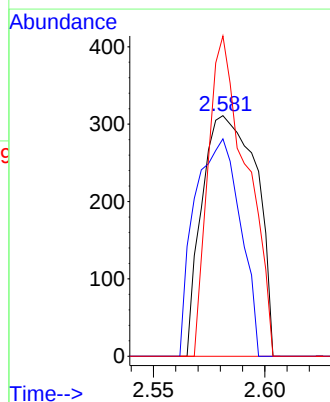
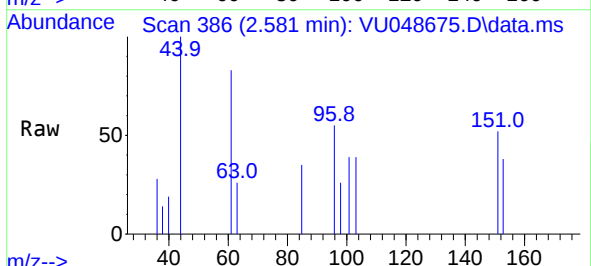
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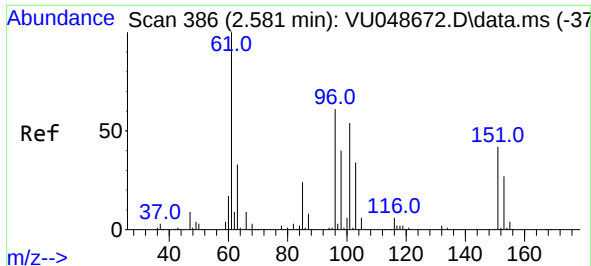
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.362 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

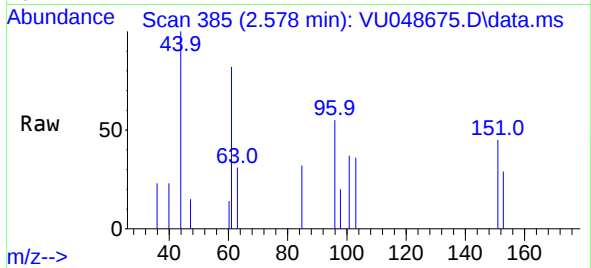
Tgt Ion:101 Resp: 526
Ion Ratio Lower Upper
101 100
85 76.2 35.4 53.2#
151 94.5 62.5 93.7#





#12
1,1-Dichloroethene
Concen: 0.518 ug/l
RT: 2.578 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

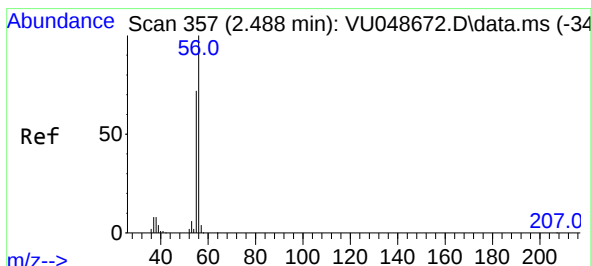
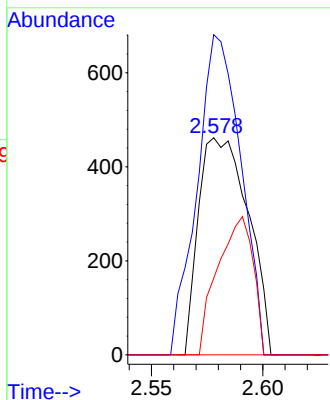
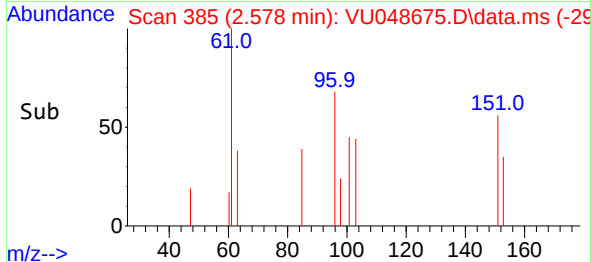
Instrument :
MSVOA_U
ClientSampleId :
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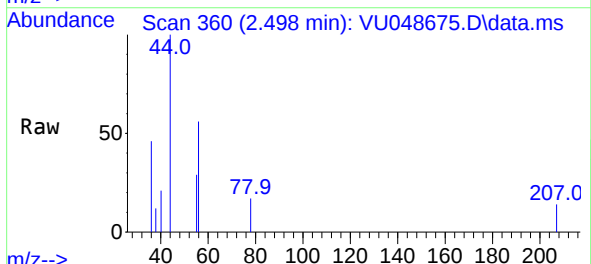
Tgt Ion: 96 Resp: 71
Ion Ratio Lower Upper
96 100
61 147.4 131.1 196.7
98 35.3 51.8 77.8

Manual Integrations
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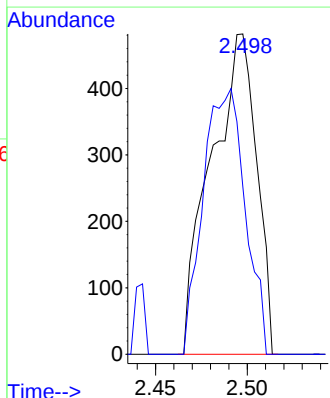
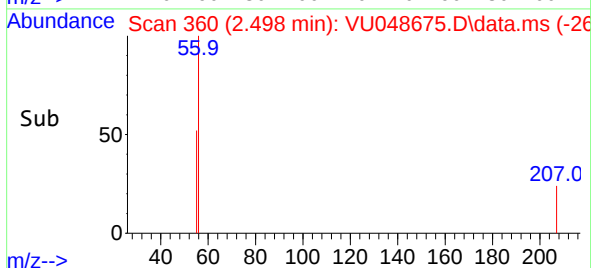
Reviewed By :John Carlone 05/27/2022
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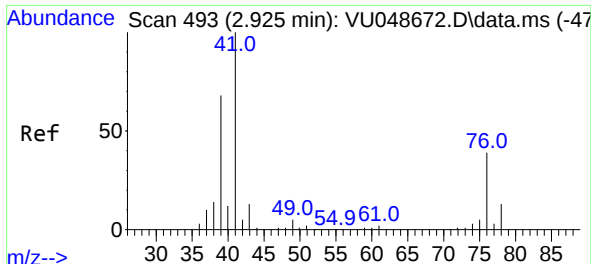


#13
Acrolein
Concen: 0.610 ug/l
RT: 2.498 min Scan# 360
Delta R.T. 0.010 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34



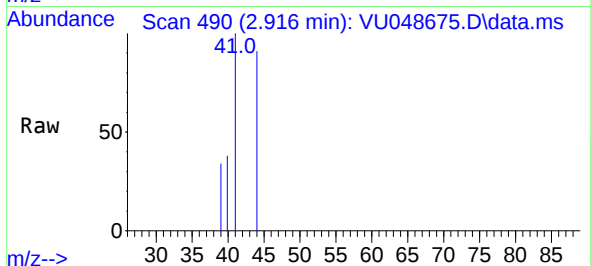
Tgt Ion: 56 Resp: 832
Ion Ratio Lower Upper
56 100
55 76.4 57.7 86.5





#14
 Allyl chloride
 Concen: 0.370 ug/l
 RT: 2.916 min Scan# 493
 Delta R.T. -0.010 min
 Lab File: VU048675.D
 Acq: 26 May 2022 12:34

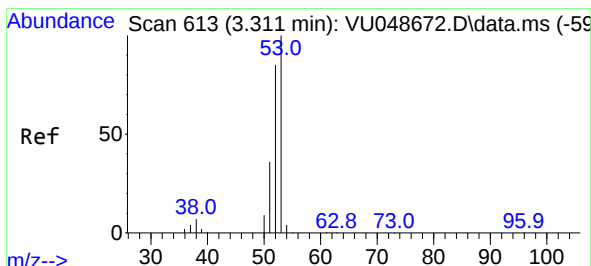
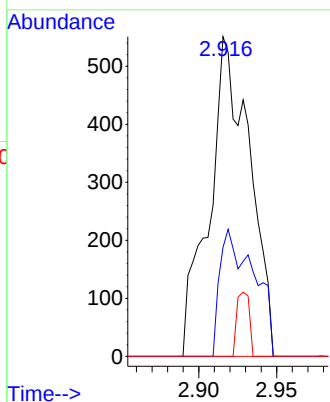
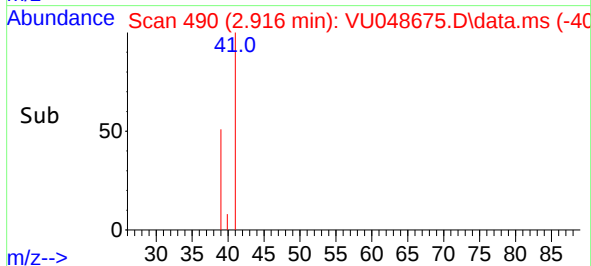
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Tgt Ion: 41 Resp: 99
 Ion Ratio Lower Upper
 41 100
 39 33.6 48.6 72.8
 76 0.0 27.0 40.4

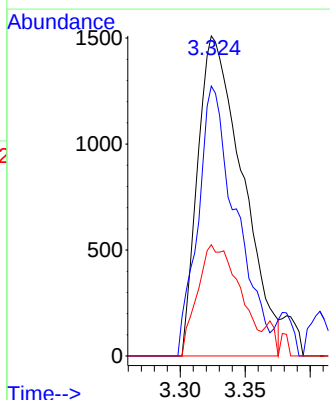
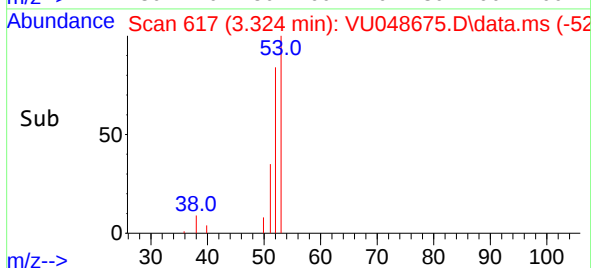
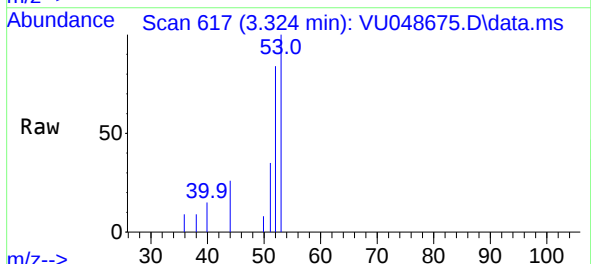
Manual Integrations
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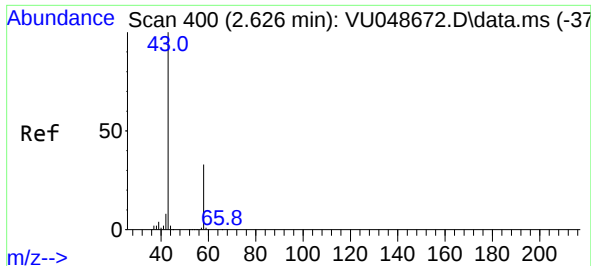
Reviewed By :John Carlone 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022



#15
 Acrylonitrile
 Concen: 3.212 ug/l
 RT: 3.324 min Scan# 617
 Delta R.T. 0.013 min
 Lab File: VU048675.D
 Acq: 26 May 2022 12:34

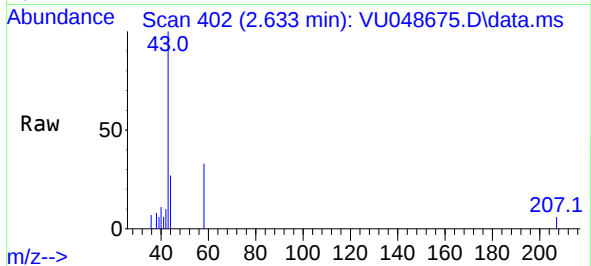
Tgt Ion: 53 Resp: 3607
 Ion Ratio Lower Upper
 53 100
 52 72.2 66.3 99.5
 51 33.0 28.6 42.8





#16
Acetone
Concen: 4.043 ug/l
RT: 2.633 min Scan# 400
Delta R.T. 0.006 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

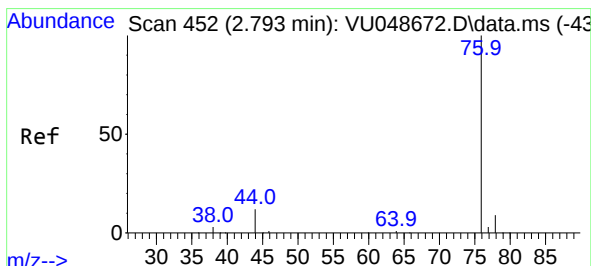
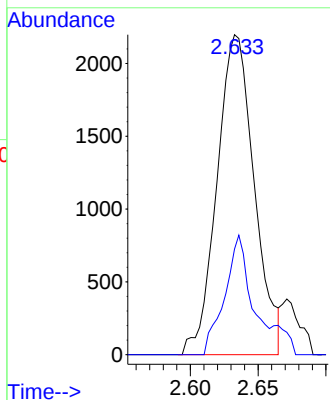
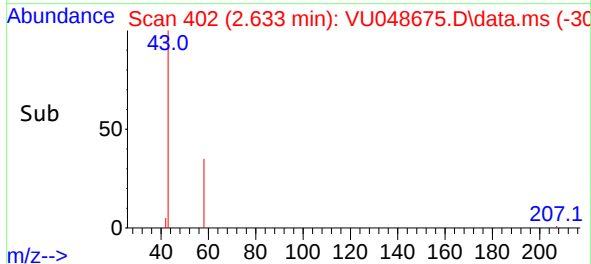
Instrument :
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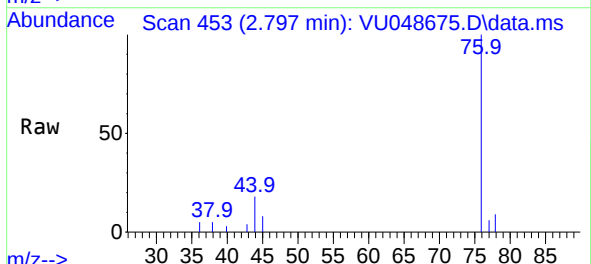
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Ion Ratio Lower Upper
43 100
58 33.0 26.3 39.5

Manual Integrations
APPROVED

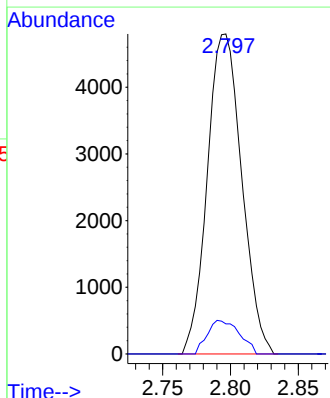
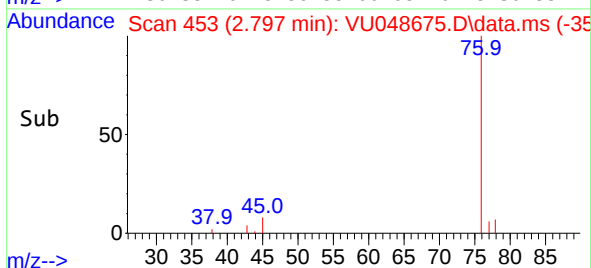
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

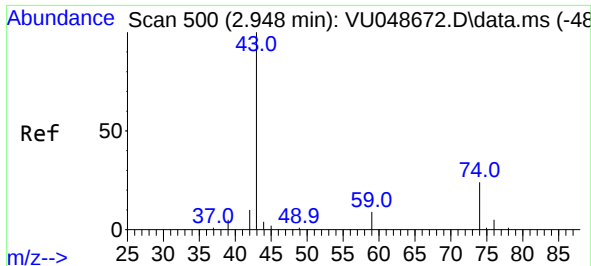


#17
Carbon Disulfide
Concen: 2.097 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34



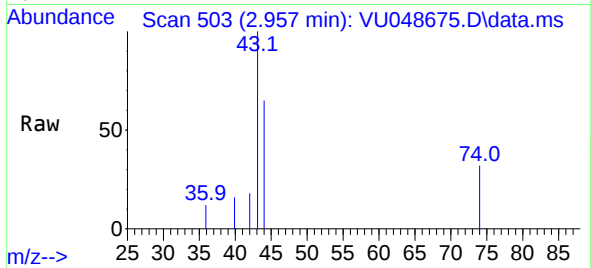
Tgt Ion: 76 Resp: 8475
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9





#18
Methyl Acetate
Concen: 0.741 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.010 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

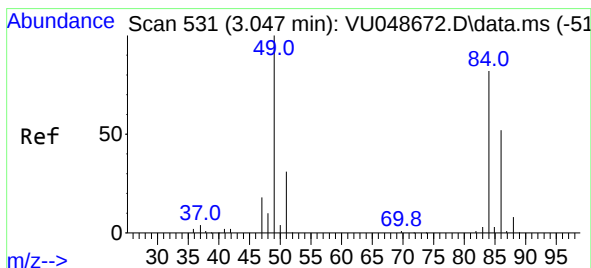
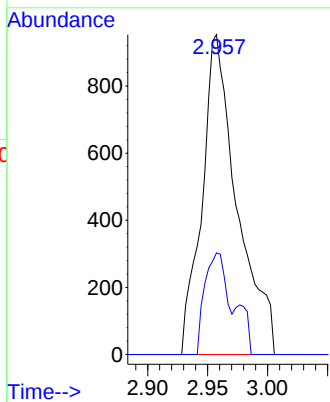
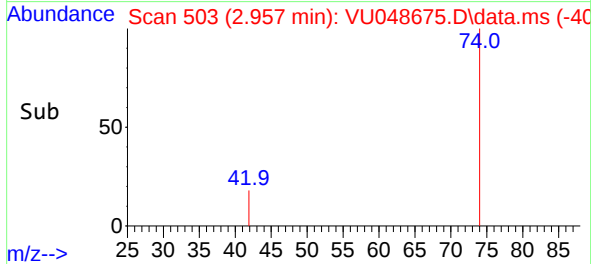
Instrument :
MSVOA_U
ClientSampleId :
IBLK



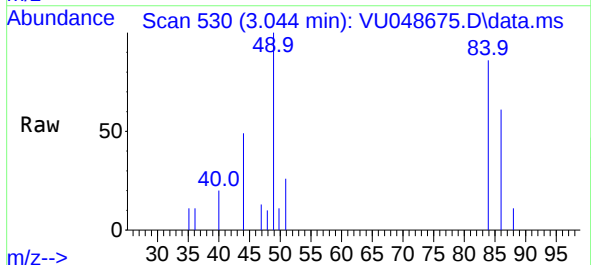
Tgt Ion: 43 Resp: 1930
Ion Ratio Lower Upper
43 100
74 19.9 19.2 28.8

Manual Integrations
APPROVED

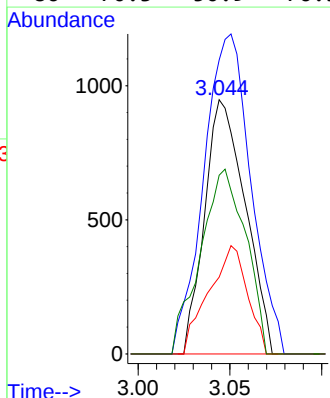
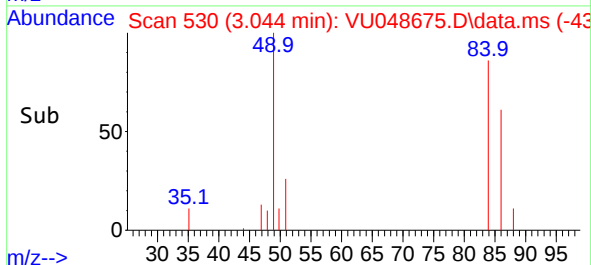
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

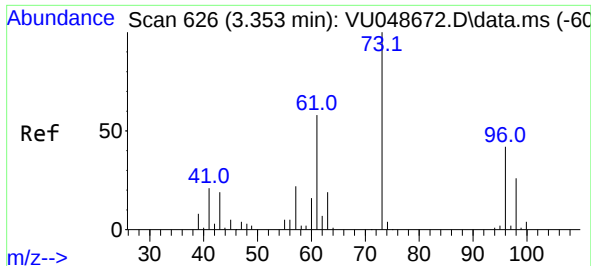


#20
Methylene Chloride
Concen: 0.825 ug/l
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34



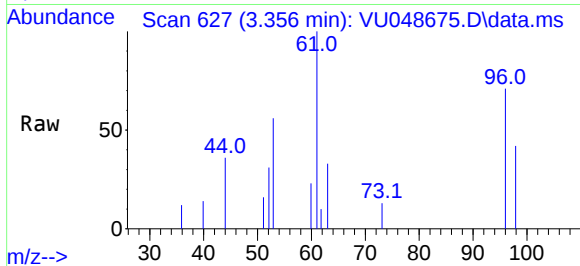
Tgt Ion: 84 Resp: 1461
Ion Ratio Lower Upper
84 100
49 103.2 97.0 145.4
51 30.2 29.8 44.8
86 70.3 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 0.749 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

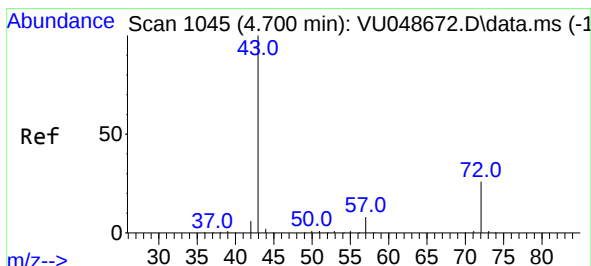
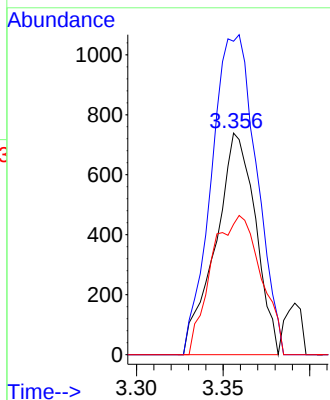
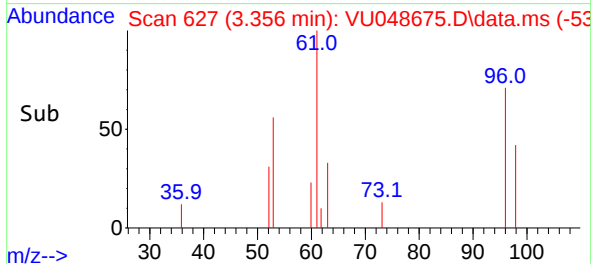
Instrument :
MSVOA_U
ClientSampleId :
IBLK



Tgt Ion: 96 Resp: 1180
Ion Ratio Lower Upper
96 100
61 141.4 109.4 164.2
98 58.9 48.9 73.3

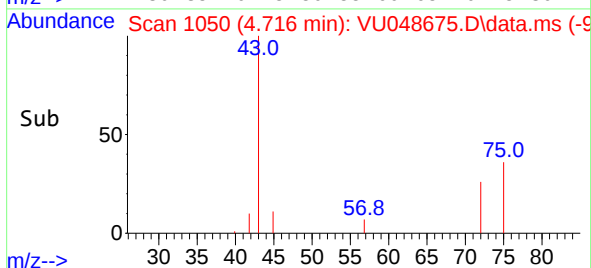
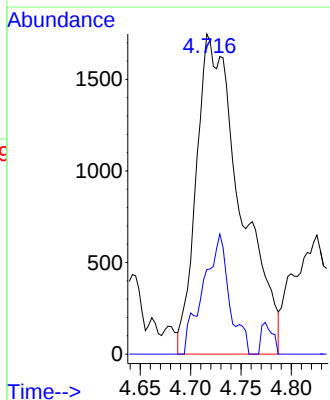
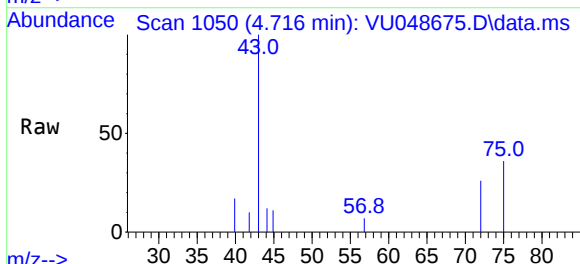
Manual Integrations
APPROVED

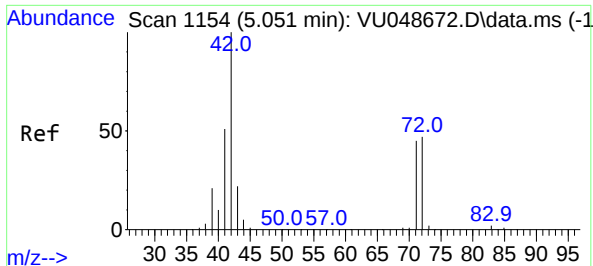
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#25
2-Butanone
Concen: 3.551 ug/l m
RT: 4.716 min Scan# 1050
Delta R.T. 0.016 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

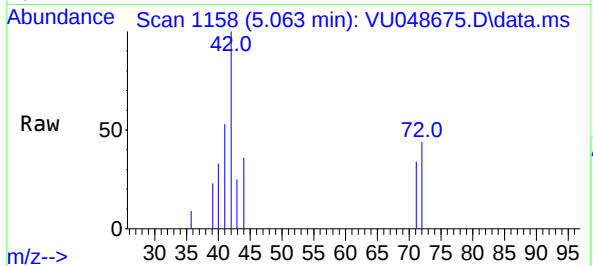
Tgt Ion: 43 Resp: 5310
Ion Ratio Lower Upper
43 100
72 26.4 21.1 31.7





#29
Tetrahydrofuran
Concen: 3.268 ug/l
RT: 5.063 min Scan# 1154
Delta R.T. 0.013 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

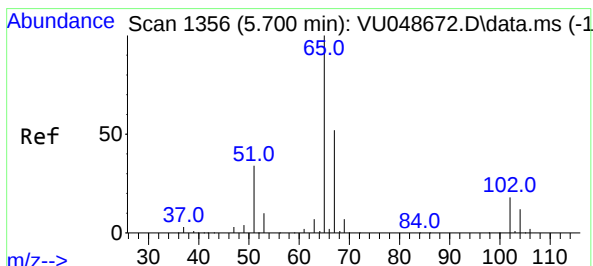
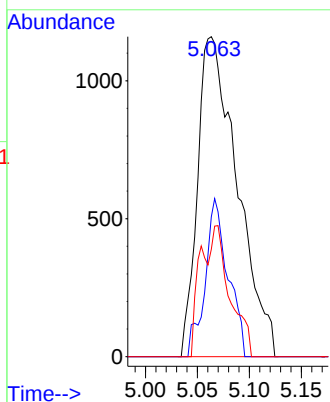
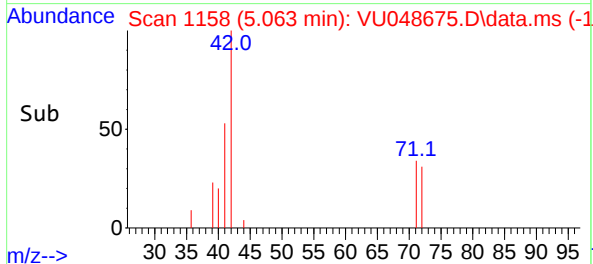
Instrument :
MSVOA_U
ClientSampleId :
IBLK



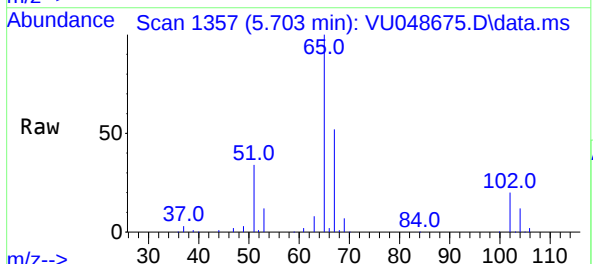
Tgt Ion: 42 Resp: 3078
Ion Ratio Lower Upper
42 100
72 28.4 37.6 56.4
71 19.7 35.0 52.4

Manual Integrations
APPROVED

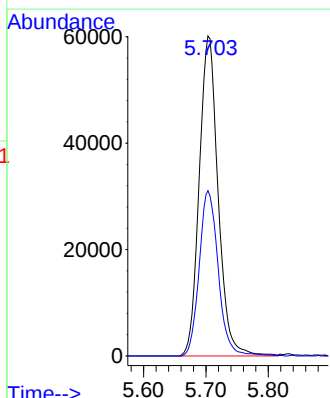
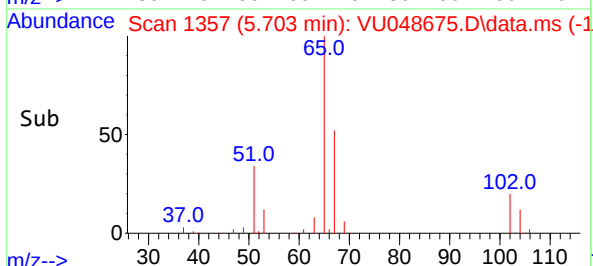
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

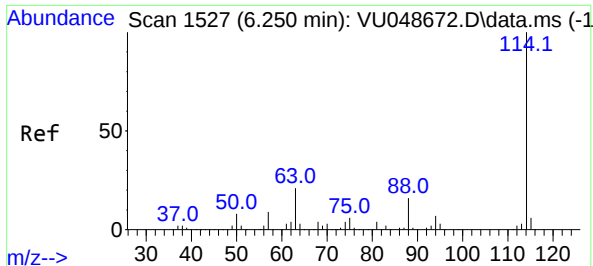


#33
1,2-Dichloroethane-d4
Concen: 62.051 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34



Tgt Ion: 65 Resp: 126729
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 114

Delta R.T. -0.000 min

Lab File: VU048675.D

Acq: 26 May 2022 12:34

Instrument :

MSVOA_U

ClientSampleId :

IBLK

Tgt Ion:114 Resp: 28432

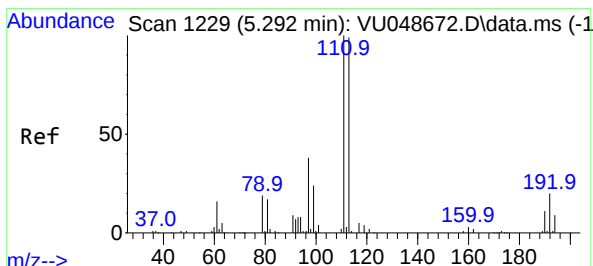
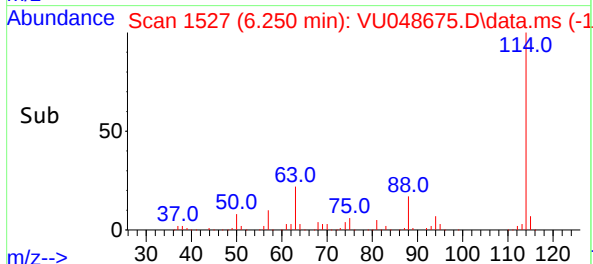
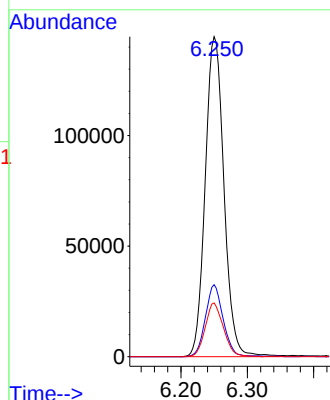
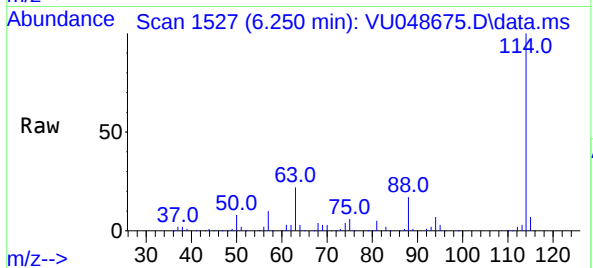
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	42.6
88	16.8	0.0	32.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#35

Dibromofluoromethane

Concen: 51.912 ug/l

RT: 5.292 min Scan# 1229

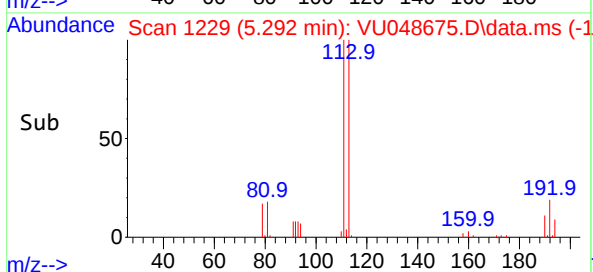
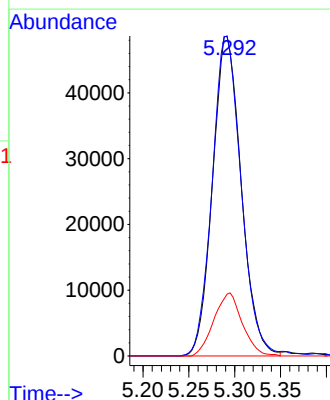
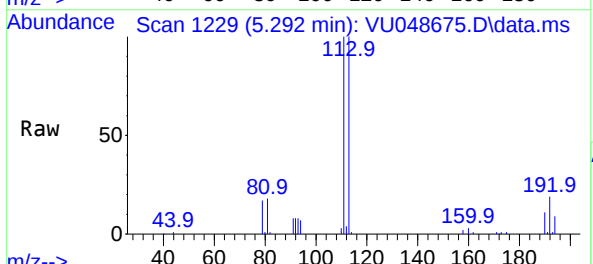
Delta R.T. -0.000 min

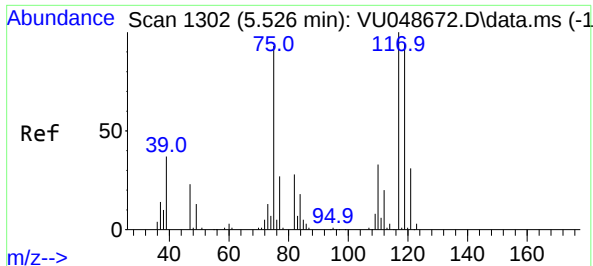
Lab File: VU048675.D

Acq: 26 May 2022 12:34

Tgt Ion:113 Resp: 105299

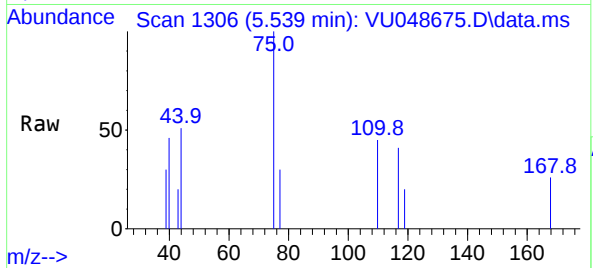
Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.7	121.1
192	19.6	15.9	23.9





#36
1,1-Dichloropropene
Concen: 0.487 ug/l
RT: 5.539 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

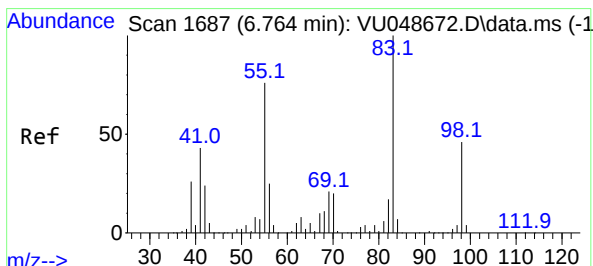
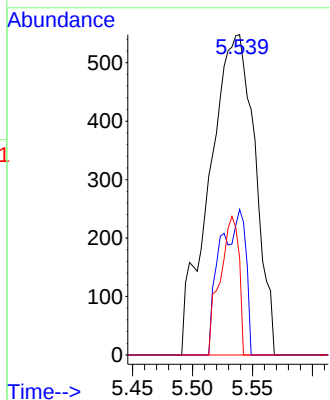
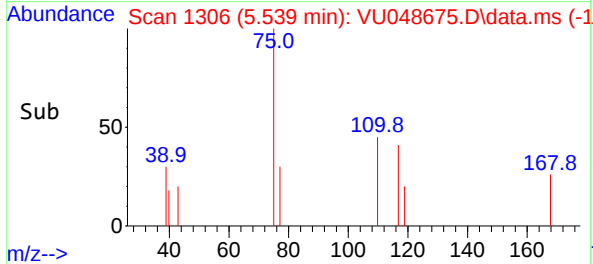
Instrument :
MSVOA_U
ClientSampleId :
IBLK



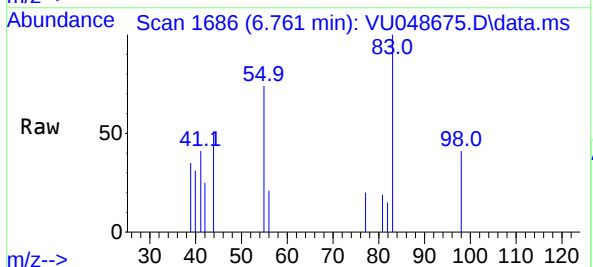
Tgt Ion: 75 Resp: 144
Ion Ratio Lower Upper
75 100
110 11.4 17.4 52.3
77 18.0 24.8 37.2

Manual Integrations
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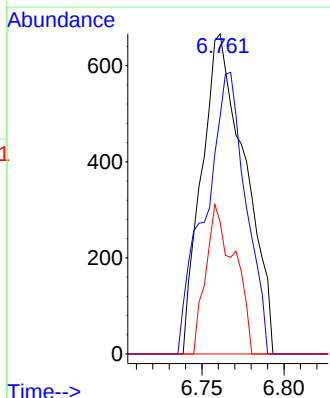
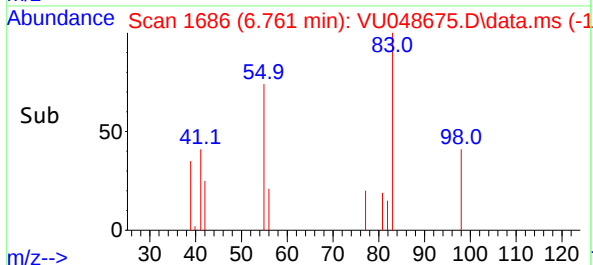
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

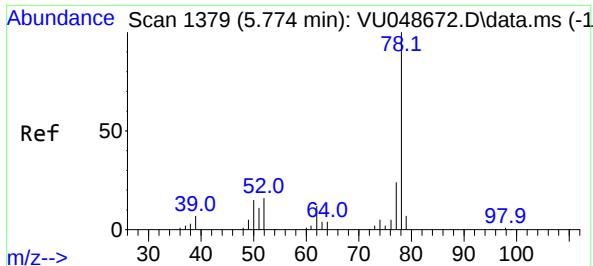


#39
Methylcyclohexane
Concen: 0.393 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34



Tgt Ion: 83 Resp: 1221
Ion Ratio Lower Upper
83 100
55 74.2 61.0 91.6
98 41.3 36.8 55.2





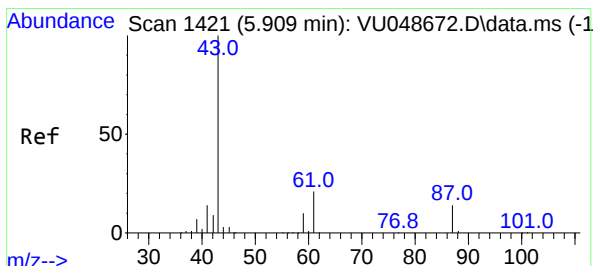
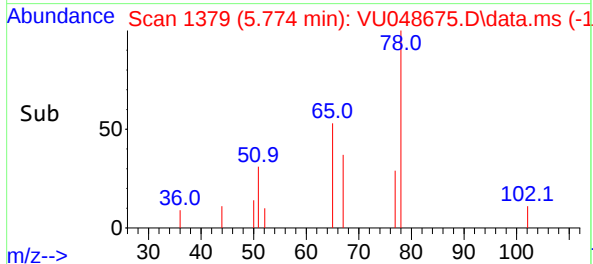
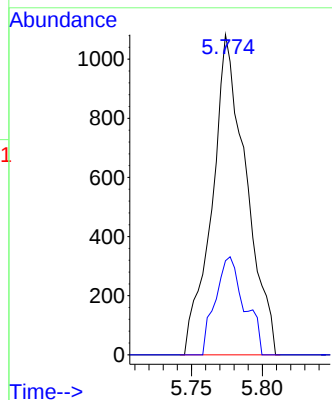
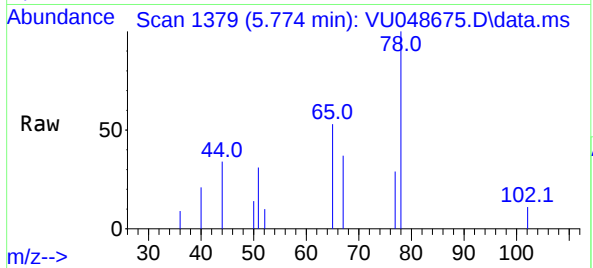
#40
Benzene
Concen: 0.207 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

Instrument :
MSVOA_U
ClientSampleId :
IBLK

Tgt Ion: 78 Resp: 1810
Ion Ratio Lower Upper
78 100
77 29.4 19.0 28.6

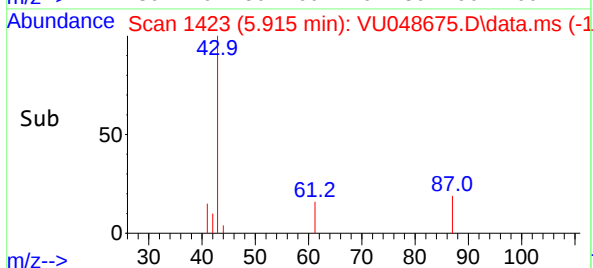
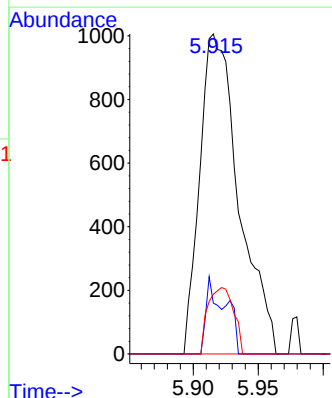
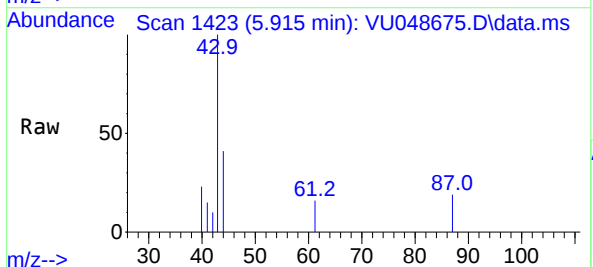
Manual Integrations
APPROVED

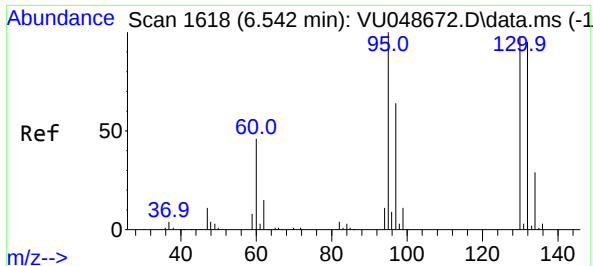
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#43
Isopropyl Acetate
Concen: 0.389 ug/l
RT: 5.915 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

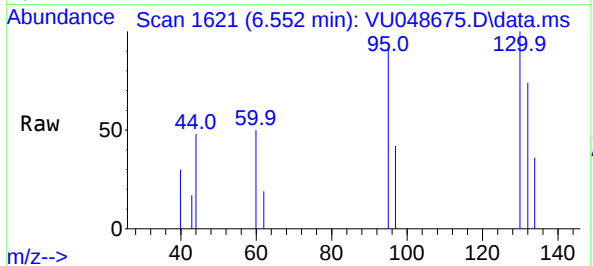
Tgt Ion: 43 Resp: 2111
Ion Ratio Lower Upper
43 100
61 7.3 16.7 25.1#
87 13.5 10.9 16.3





#44
Trichloroethene
Concen: 0.570 ug/l
RT: 6.552 min Scan# 1621
Delta R.T. 0.010 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

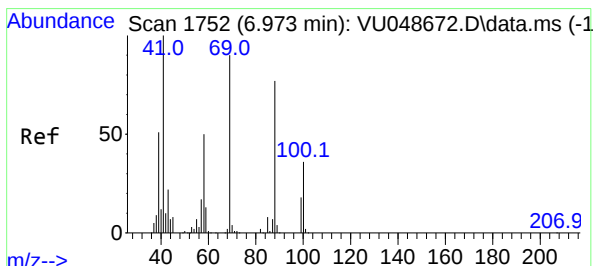
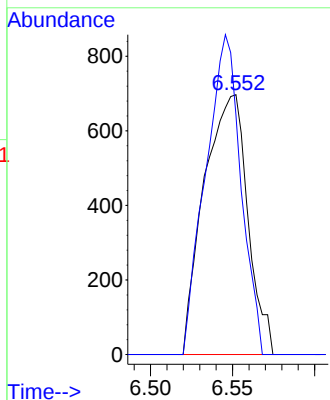
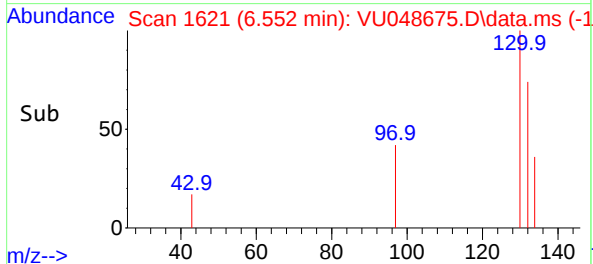
Instrument :
MSVOA_U
ClientSampleId :
IBLK



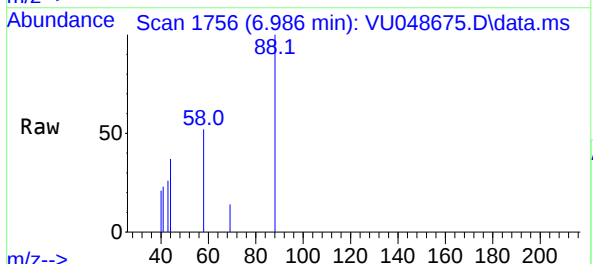
Tgt Ion:130 Resp: 1284
Ion Ratio Lower Upper
130 100
95 92.1 0.0 204.8

Manual Integrations
APPROVED

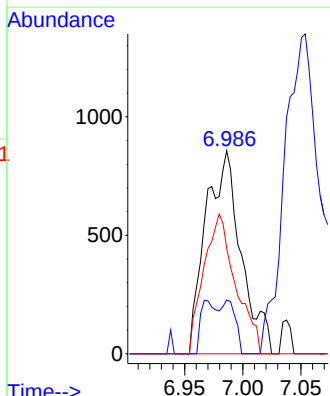
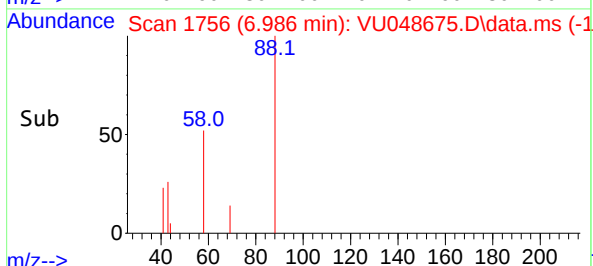
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

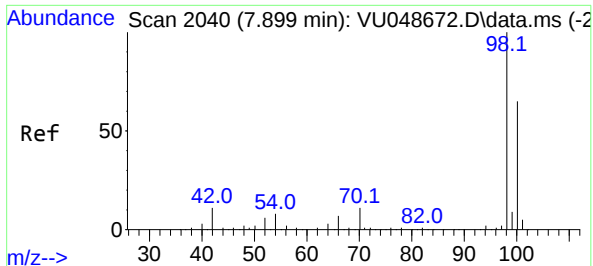


#49
1,4-Dioxane
Concen: 33.167 ug/l m
RT: 6.986 min Scan# 1756
Delta R.T. 0.013 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34



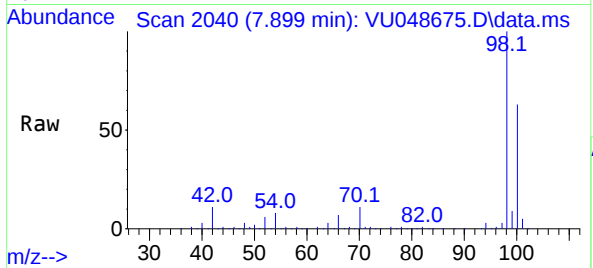
Tgt Ion: 88 Resp: 1808
Ion Ratio Lower Upper
88 100
43 12.6 24.6 36.8#
58 0.0 54.7 82.1#





#50
Toluene-d8
Concen: 52.827 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

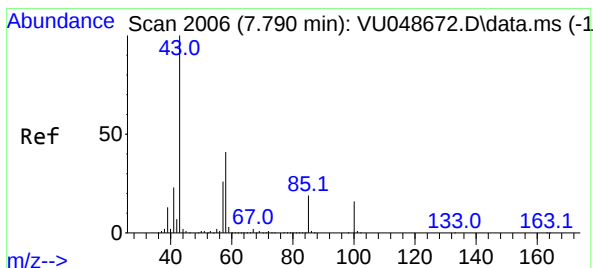
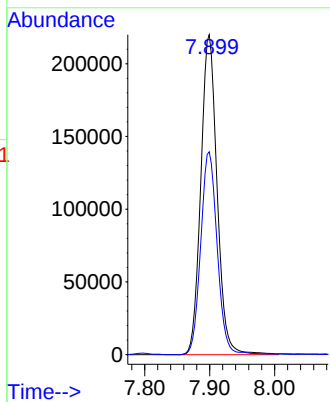
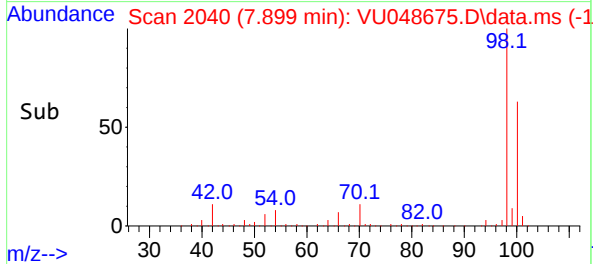
Instrument :
MSVOA_U
ClientSampleId :
IBLK



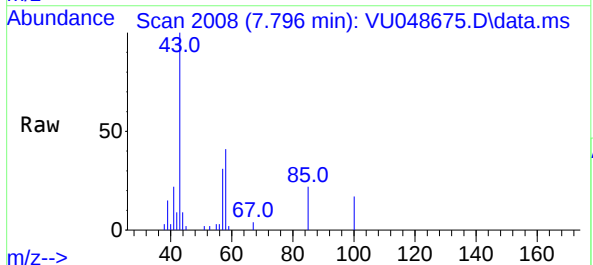
Tgt Ion: 98 Resp: 38411
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4

Manual Integrations
APPROVED

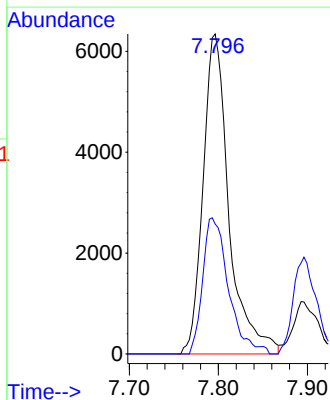
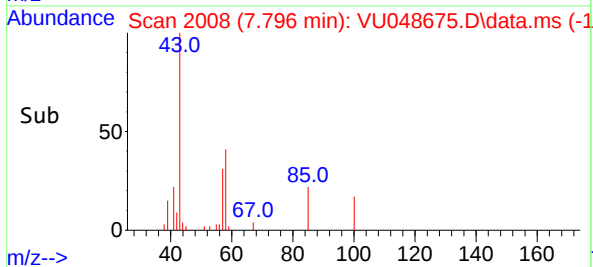
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

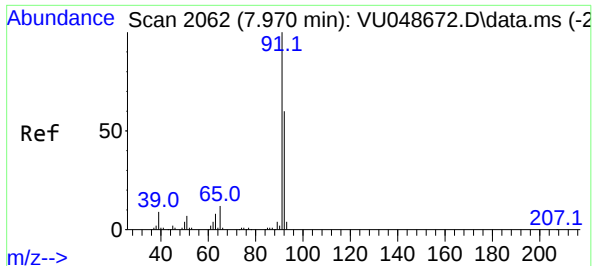


#51
4-Methyl-2-Pentanone
Concen: 3.626 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. 0.006 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34



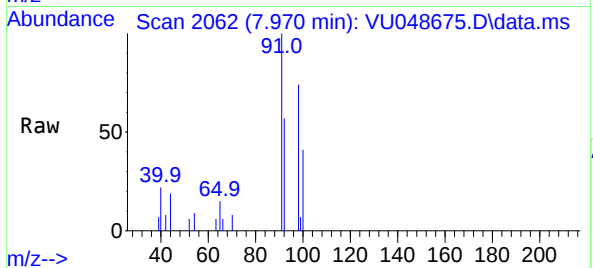
Tgt Ion: 43 Resp: 12788
Ion Ratio Lower Upper
43 100
58 42.4 32.7 49.1





#52
Toluene
Concen: 0.376 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

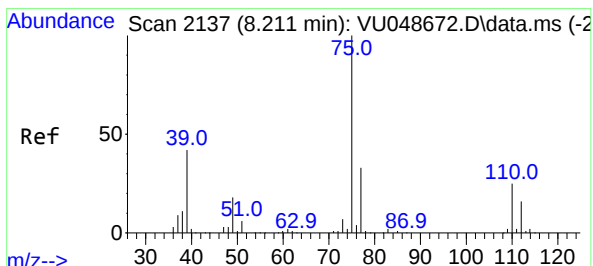
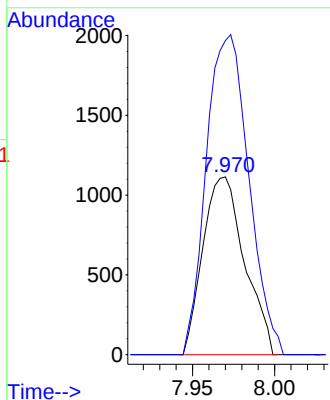
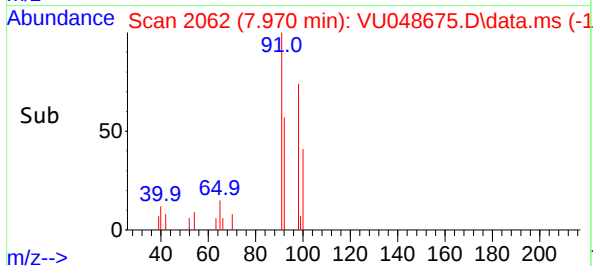
Instrument :
MSVOA_U
ClientSampleId :
IBLK



Tgt Ion: 92 Resp: 1960
Ion Ratio Lower Upper
92 100
91 183.5 135.0 202.4

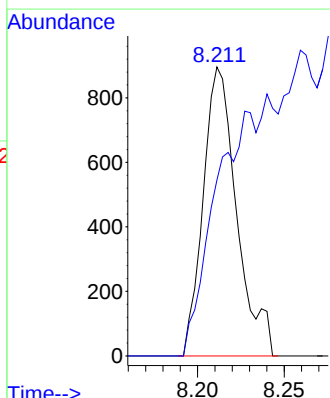
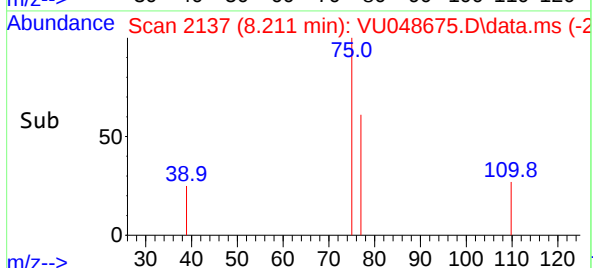
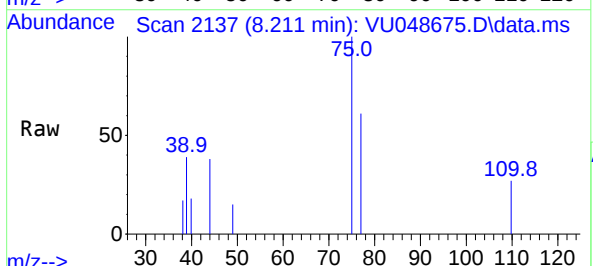
Manual Integrations
APPROVED

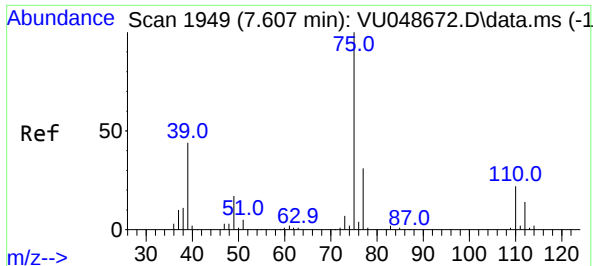
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#53
t-1,3-Dichloropropene
Concen: 0.336 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

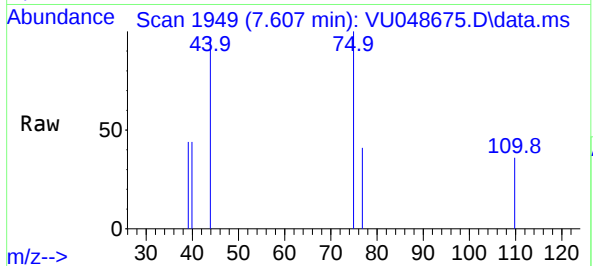
Tgt Ion: 75 Resp: 1206
Ion Ratio Lower Upper
75 100
77 60.8 26.2 39.4#





#54
cis-1,3-Dichloropropene
Concen: 0.234 ug/l
RT: 7.607 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

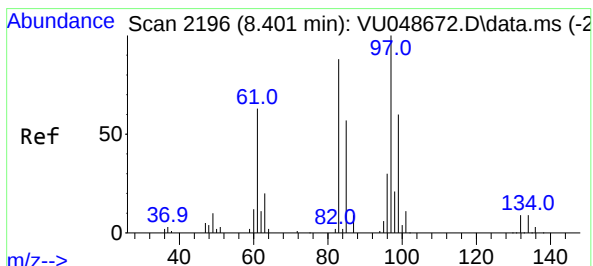
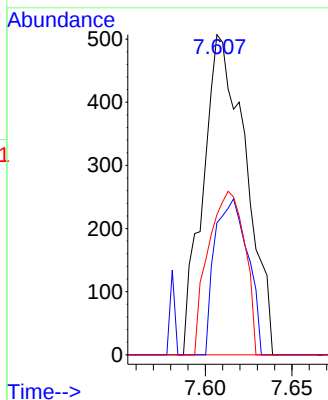
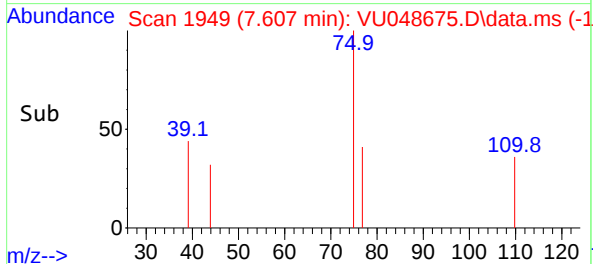
Instrument :
MSVOA_U
ClientSampleId :
IBLK



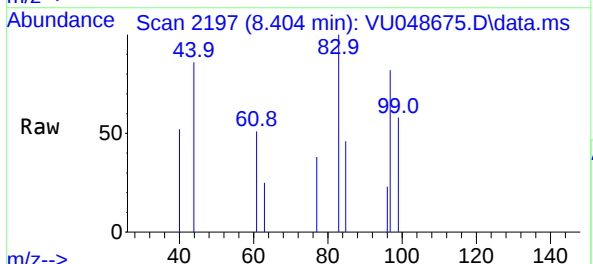
Tgt Ion: 75 Resp: 868
Ion Ratio Lower Upper
75 100
77 41.2 24.9 37.3
39 43.8 35.2 52.8

Manual Integrations
APPROVED

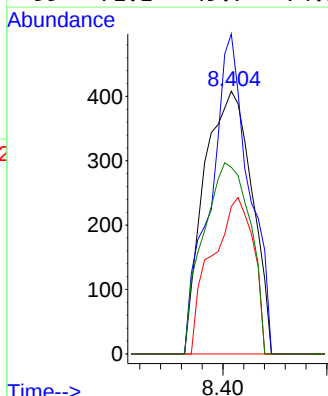
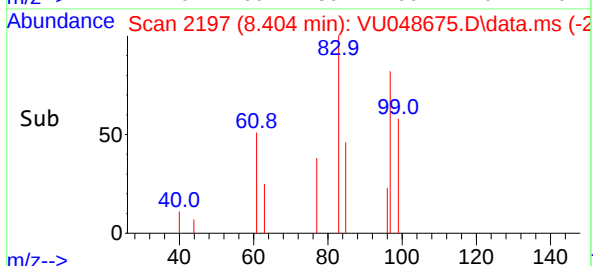
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

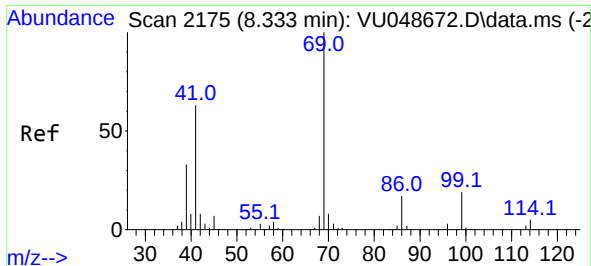


#55
1,1,2-Trichloroethane
Concen: 0.282 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34



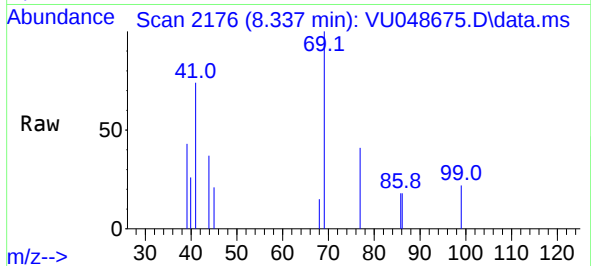
Tgt Ion: 97 Resp: 650
Ion Ratio Lower Upper
97 100
83 121.8 70.2 105.4
85 56.1 45.6 68.4
99 71.1 49.7 74.5





#56
Ethyl methacrylate
Concen: 3.012 ug/l
RT: 8.337 min Scan# 2175
Delta R.T. 0.004 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

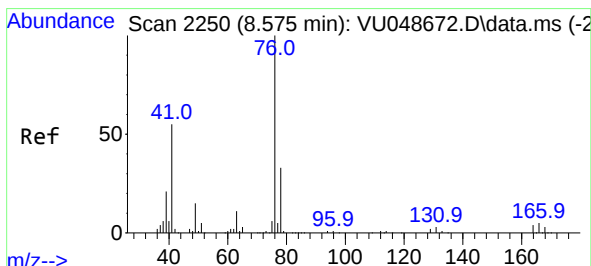
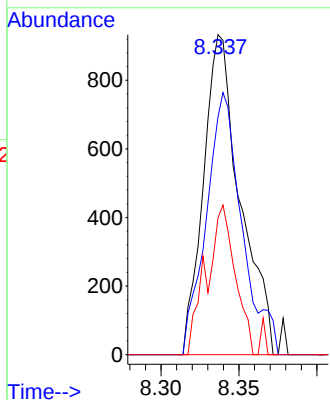
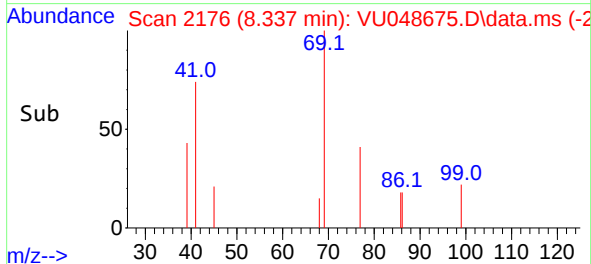
Instrument :
MSVOA_U
ClientSampleId :
IBLK



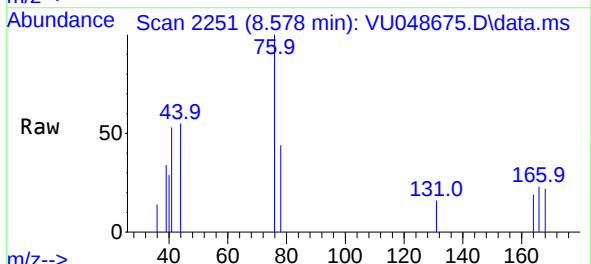
Tgt Ion: 69 Resp: 153
Ion Ratio Lower Upper
69 100
41 79.4 50.6 76.0
39 36.5 26.6 40.0

Manual Integrations
APPROVED

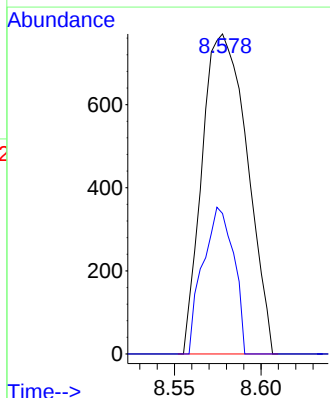
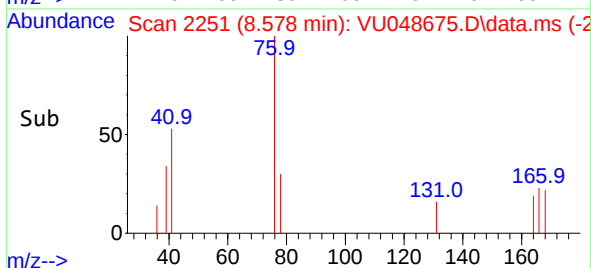
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

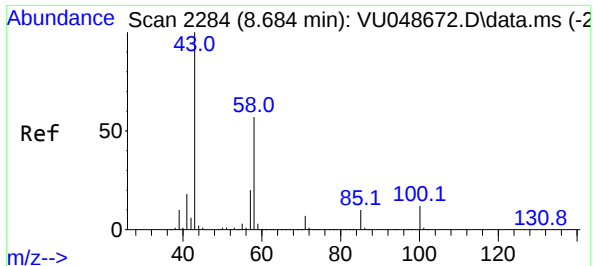


#57
1,3-Dichloropropane
Concen: 0.358 ug/l
RT: 8.578 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34



Tgt Ion: 76 Resp: 1392
Ion Ratio Lower Upper
76 100
78 31.4 26.6 39.8





#59

2-Hexanone

Concen: 5.736 ug/l

RT: 8.690 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU048675.D

Acq: 26 May 2022 12:34

Instrument :

MSVOA_U

ClientSampleId :

IBLK

Tgt Ion: 43 Resp: 16608

Ion Ratio Lower Upper

43 100

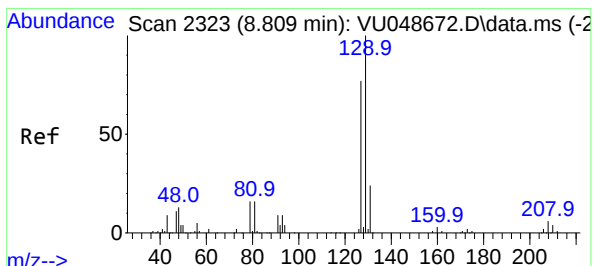
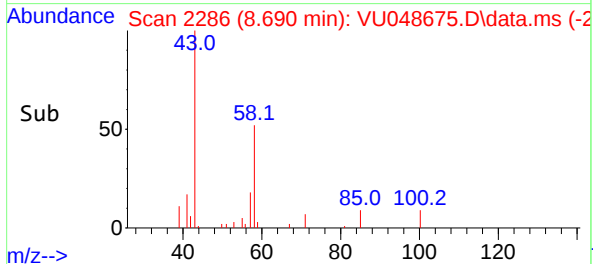
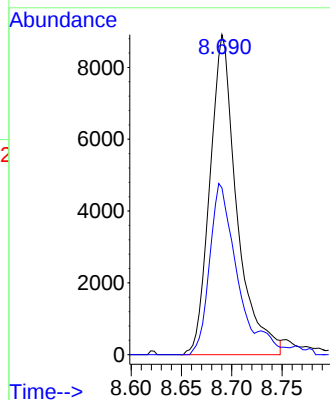
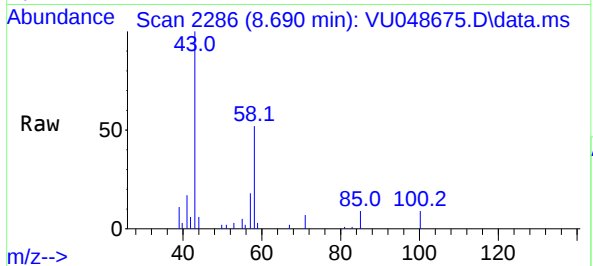
58 50.4 28.2 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#60

Dibromochloromethane

Concen: 0.317 ug/l

RT: 8.819 min Scan# 2326

Delta R.T. 0.010 min

Lab File: VU048675.D

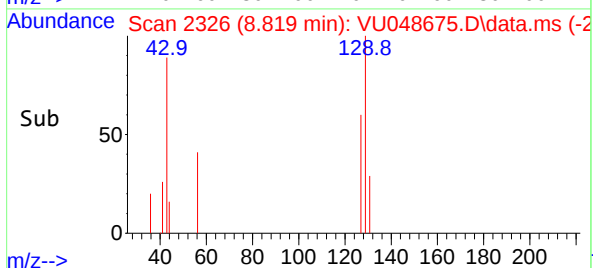
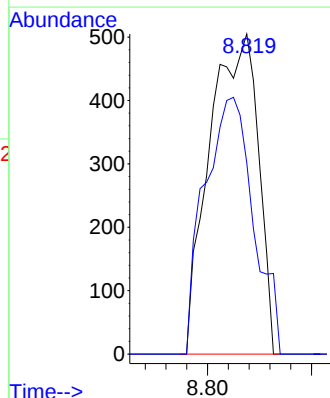
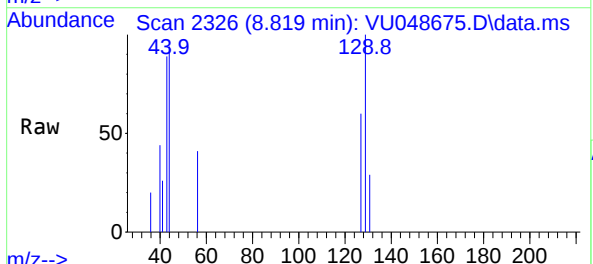
Acq: 26 May 2022 12:34

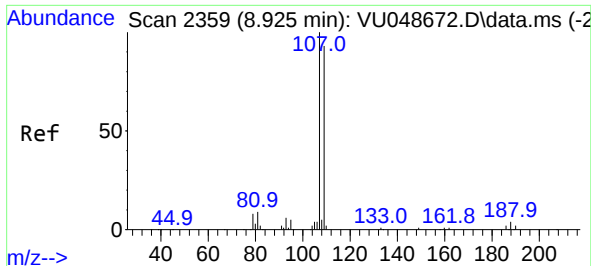
Tgt Ion:129 Resp: 819

Ion Ratio Lower Upper

129 100

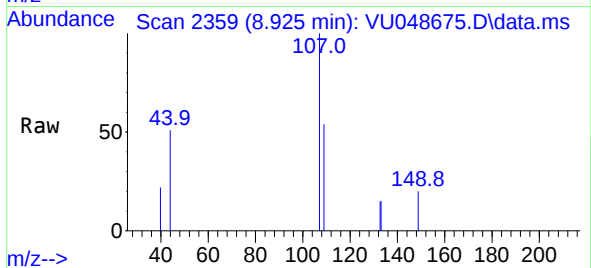
127 80.7 38.5 115.3





#61
1,2-Dibromoethane
Concen: 0.424 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

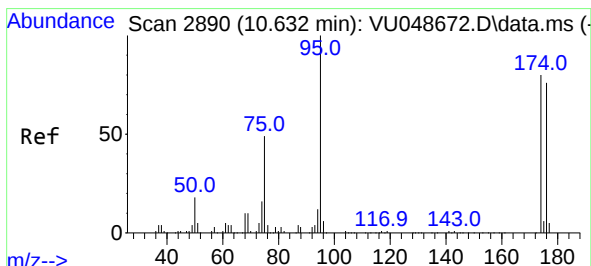
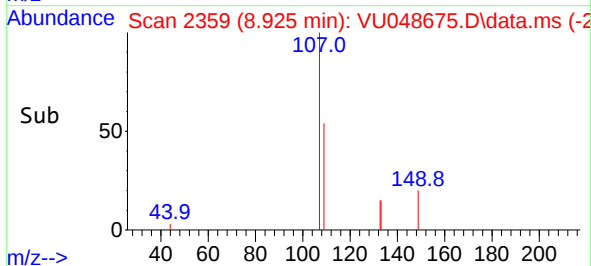
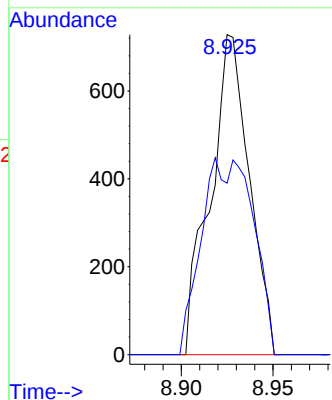
Instrument :
MSVOA_U
ClientSampleId :
IBLK



Tgt Ion:107 Resp: 107
Ion Ratio Lower Upper
107 100
109 42.8 75.7 113.5

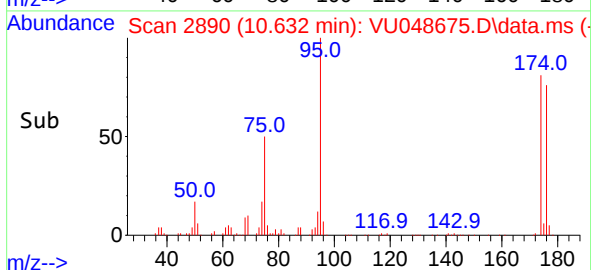
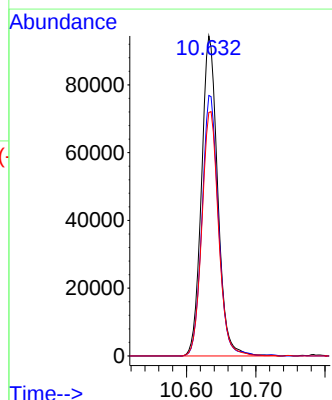
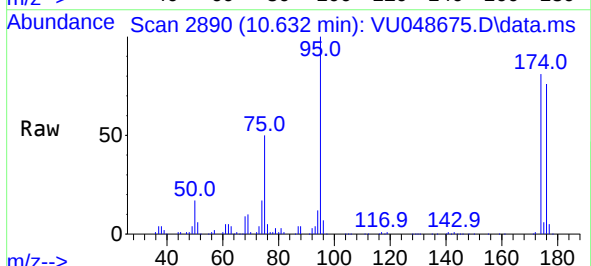
Manual Integrations
APPROVED

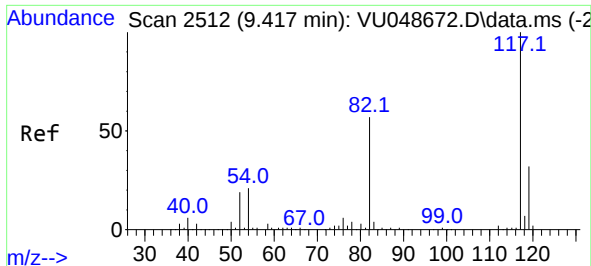
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#62
4-Bromofluorobenzene
Concen: 55.827 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

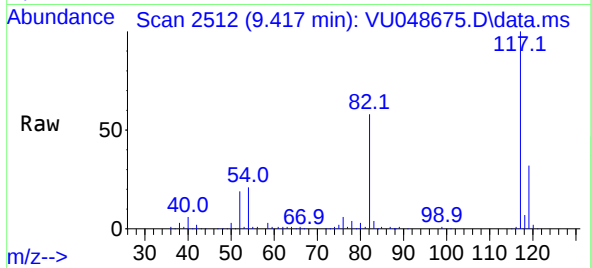
Tgt Ion: 95 Resp: 153518
Ion Ratio Lower Upper
95 100
174 82.1 0.0 159.4
176 78.4 0.0 152.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

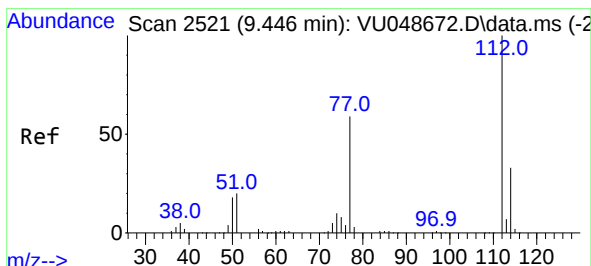
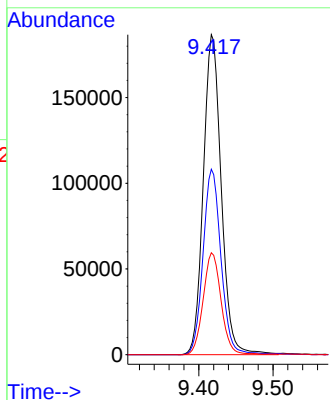
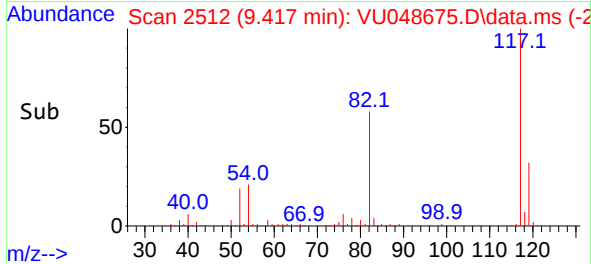
Instrument :
MSVOA_U
ClientSampleId :
IBLK



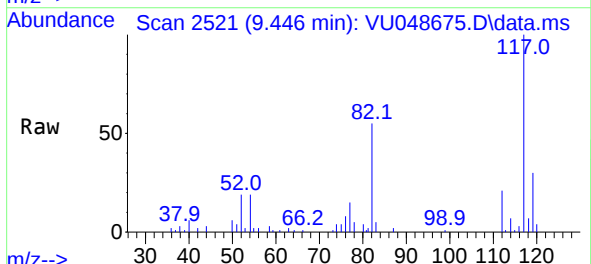
Tgt Ion:117 Resp: 31303
Ion Ratio Lower Upper
117 100
82 58.0 45.3 67.9
119 31.8 25.4 38.2

Manual Integrations
APPROVED

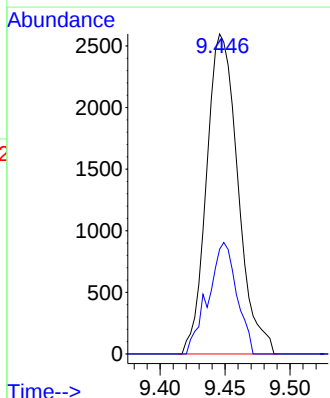
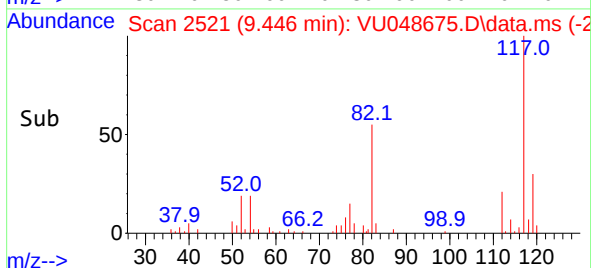
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

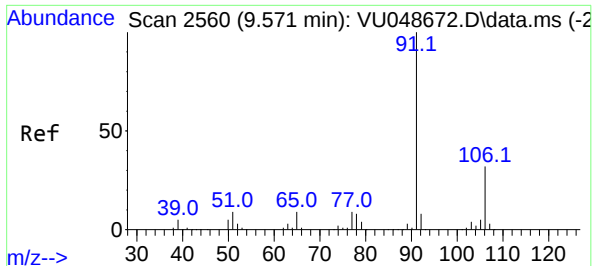


#65
Chlorobenzene
Concen: 0.659 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34



Tgt Ion:112 Resp: 4361
Ion Ratio Lower Upper
112 100
114 32.8 26.3 39.5





#67

Ethyl Benzene

Concen: 0.502 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU048675.D

Acq: 26 May 2022 12:34

Instrument :

MSVOA_U

ClientSampleId :

IBLK

Tgt Ion: 91 Resp: 560

Ion Ratio Lower Upper

91 100

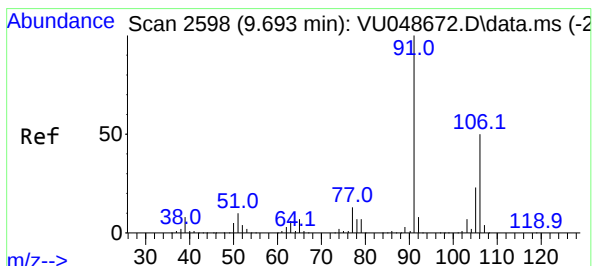
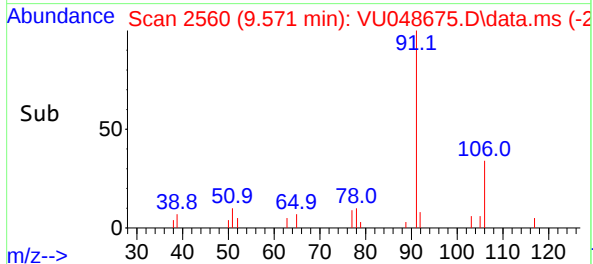
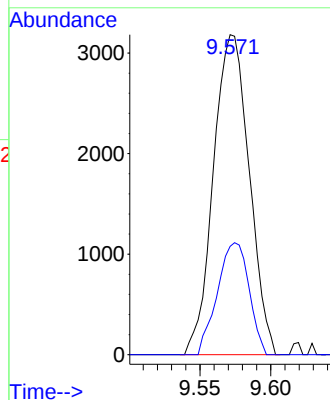
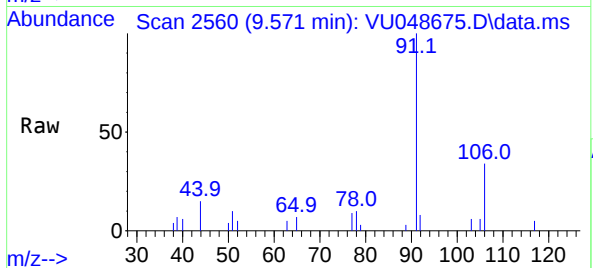
106 33.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#68

m/p-Xylenes

Concen: 0.896 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.003 min

Lab File: VU048675.D

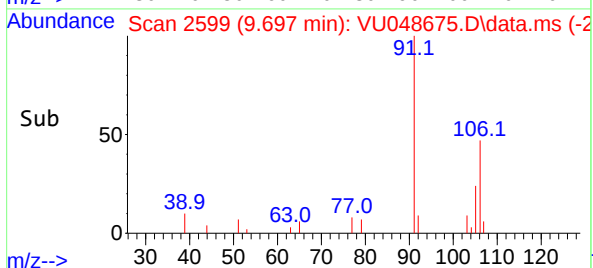
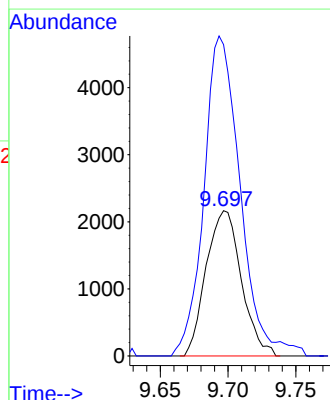
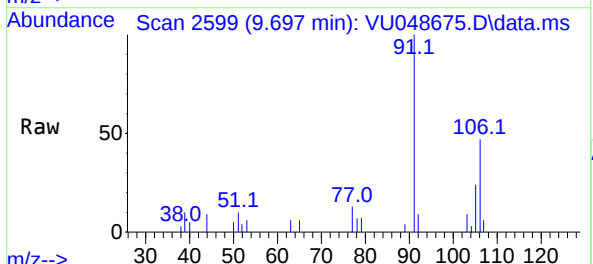
Acq: 26 May 2022 12:34

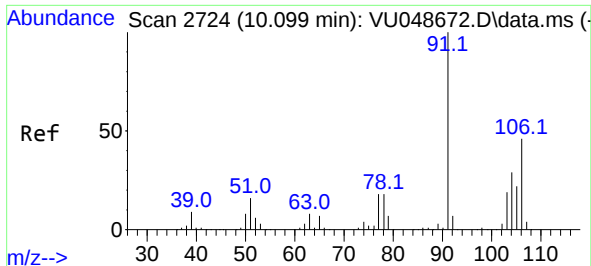
Tgt Ion:106 Resp: 3915

Ion Ratio Lower Upper

106 100

91 226.7 162.4 243.6





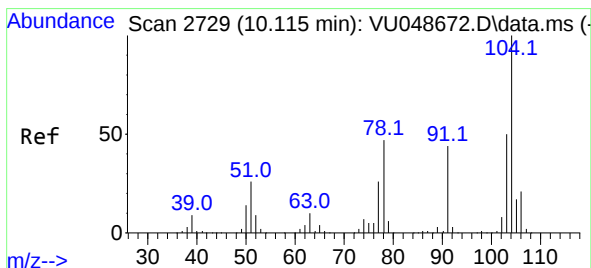
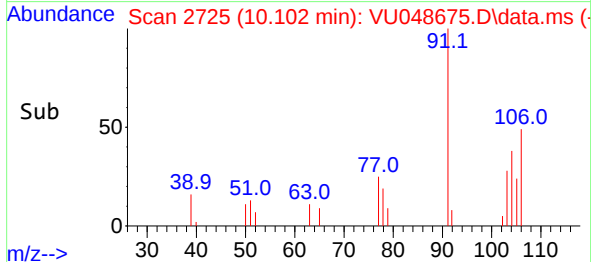
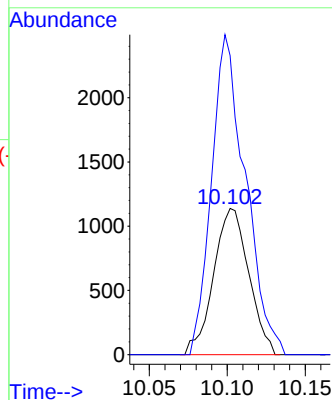
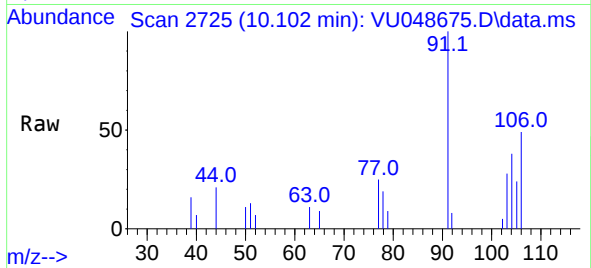
#69
o-Xylene
Concen: 0.416 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

Instrument :
MSVOA_U
ClientSampleId :
IBLK

Tgt Ion:106 Resp: 178
Ion Ratio Lower Upper
106 100
91 210.6 107.7 323.3

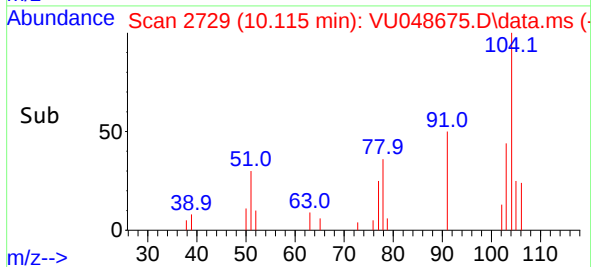
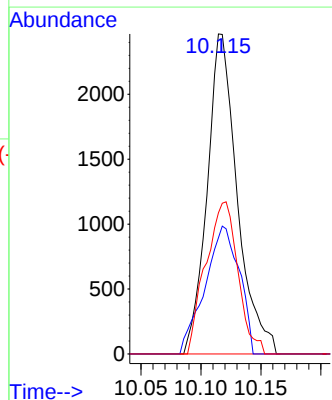
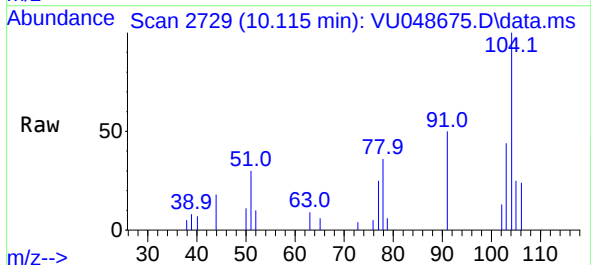
Manual Integrations
APPROVED

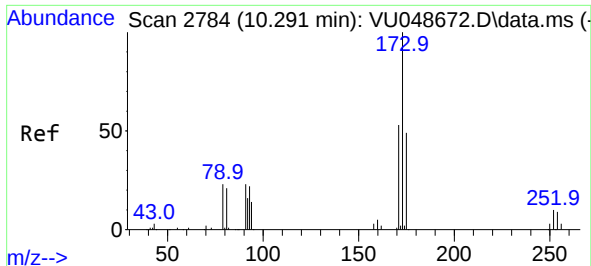
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#70
Styrene
Concen: 0.610 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

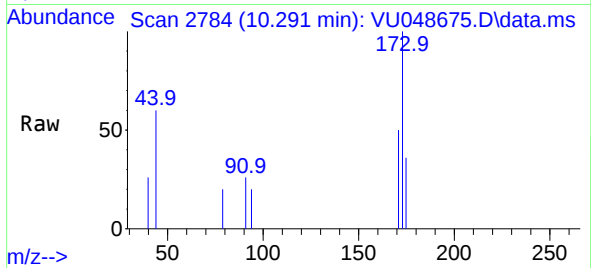
Tgt Ion:104 Resp: 4306
Ion Ratio Lower Upper
104 100
78 45.5 41.2 61.8
103 50.7 43.4 65.2





#71
Bromoform
Concen: 0.425 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

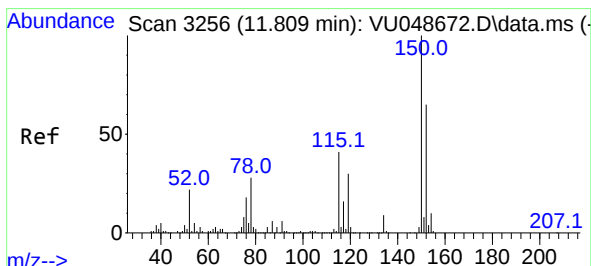
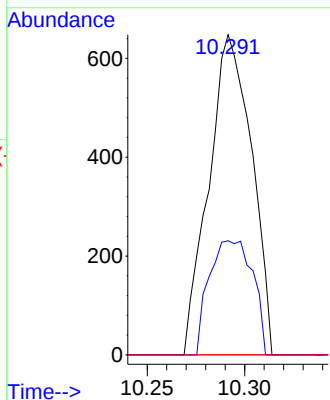
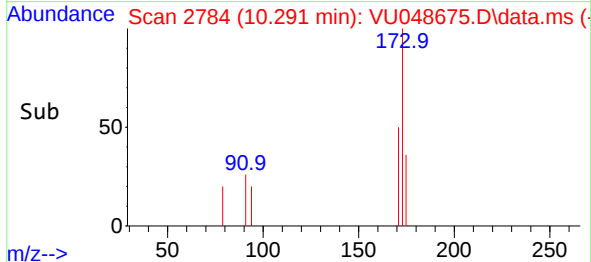
Instrument :
MSVOA_U
ClientSampleId :
IBLK



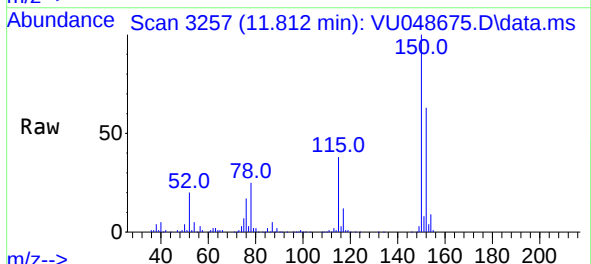
Tgt Ion:173 Resp: 98
Ion Ratio Lower Upper
173 100
175 36.4 24.5 73.5
254 0.0 0.0 0.0

Manual Integrations
APPROVED

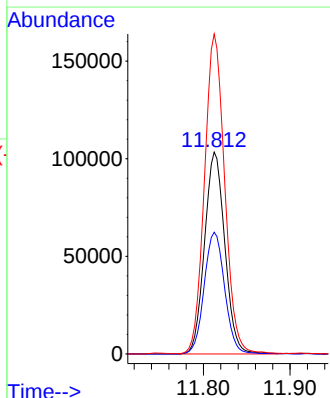
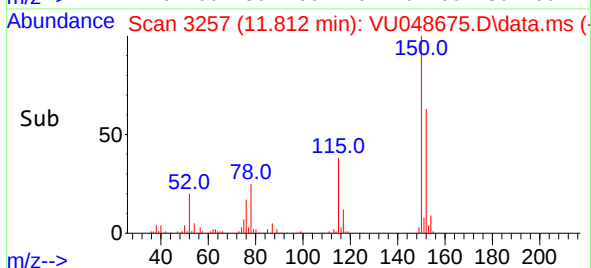
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

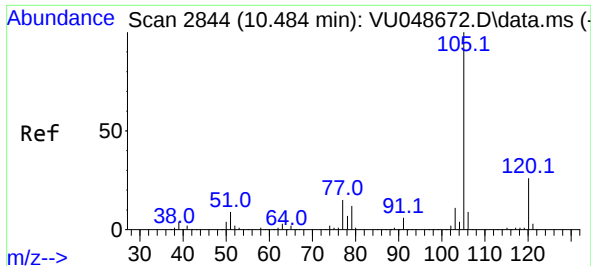


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34



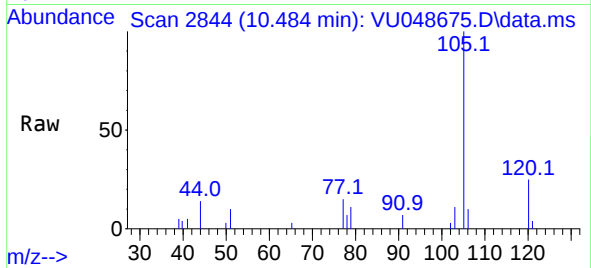
Tgt Ion:152 Resp: 168701
Ion Ratio Lower Upper
152 100
115 61.0 41.8 125.4
150 157.0 0.0 341.0





#73
Isopropylbenzene
Concen: 0.504 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

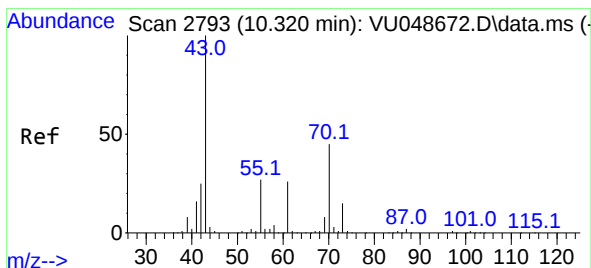
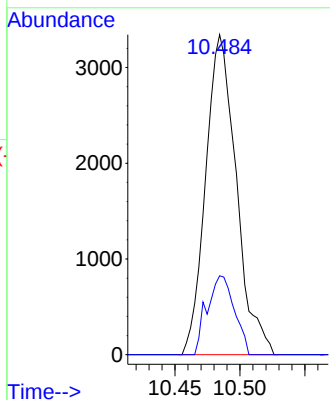
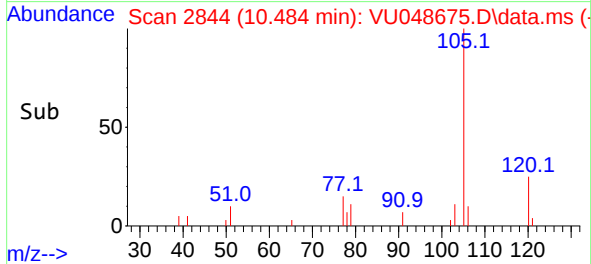
Instrument :
MSVOA_U
ClientSampleId :
IBLK



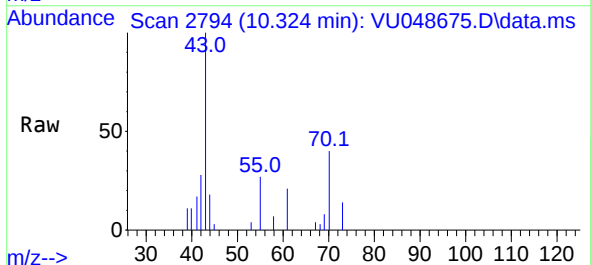
Tgt Ion:105 Resp: 5480
Ion Ratio Lower Upper
105 100
120 21.9 12.9 38.6

Manual Integrations
APPROVED

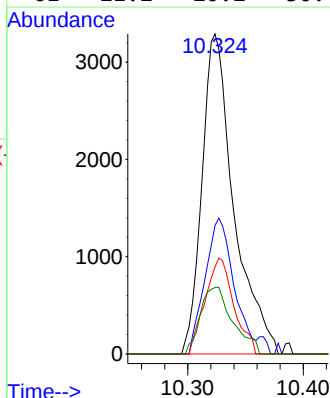
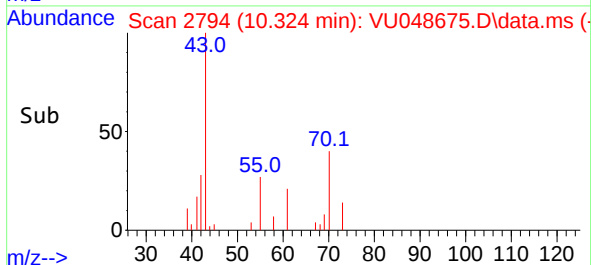
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

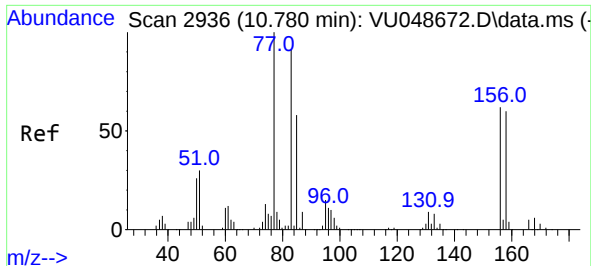


#74
N-ethyl acetate
Concen: 3.553 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.004 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34



Tgt Ion: 43 Resp: 6302
Ion Ratio Lower Upper
43 100
70 38.6 35.8 53.6
55 27.0 21.1 31.7
61 21.2 20.2 30.4





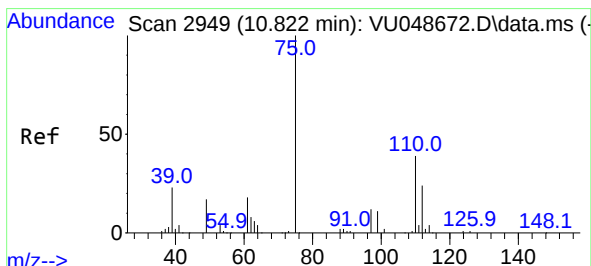
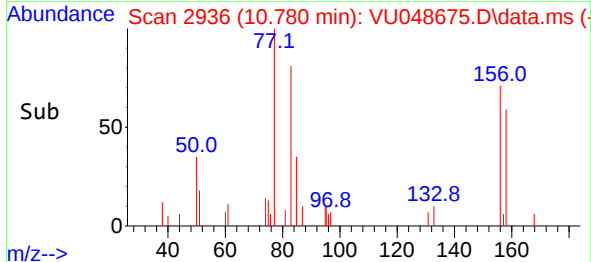
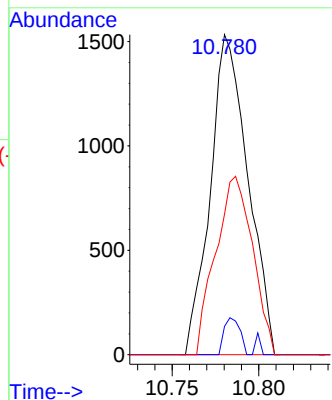
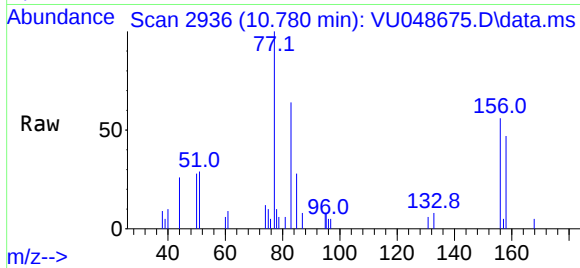
#75
1,1,2,2-Tetrachloroethane
Concen: 0.521 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

Instrument :
MSVOA_U
ClientSampleId :
IBLK

Tgt Ion: 83 Resp: 231
Ion Ratio Lower Upper
83 100
131 4.9 5.2 15.6
85 54.8 32.5 97.4

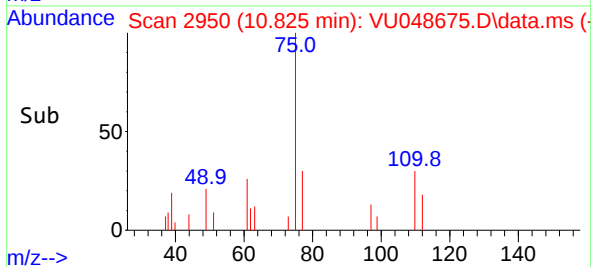
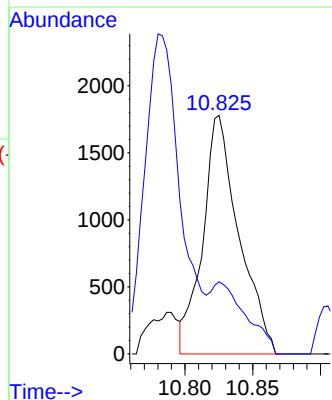
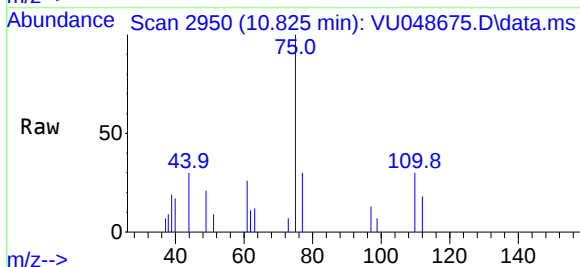
Manual Integrations
APPROVED

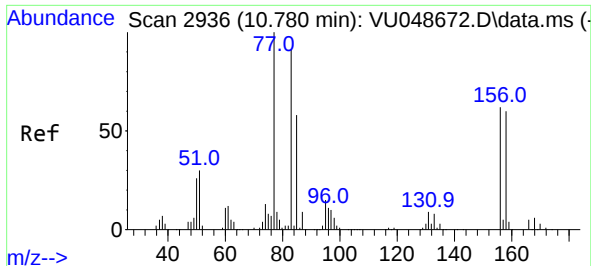
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#76
1,2,3-Trichloropropane
Concen: 0.607 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

Tgt Ion: 75 Resp: 3302
Ion Ratio Lower Upper
75 100
77 0.0 14.8 44.3#





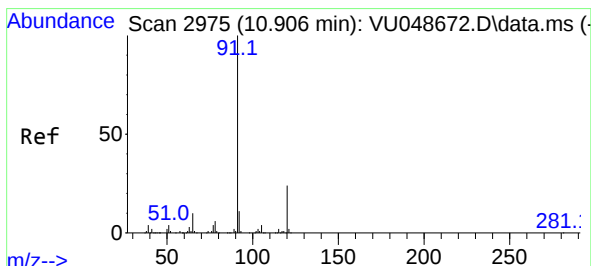
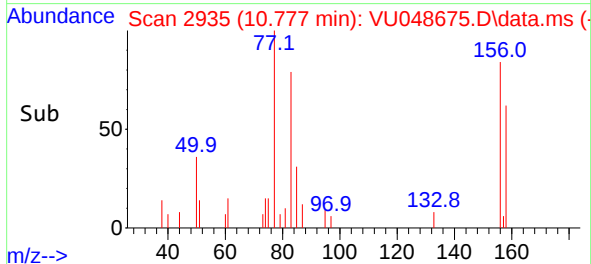
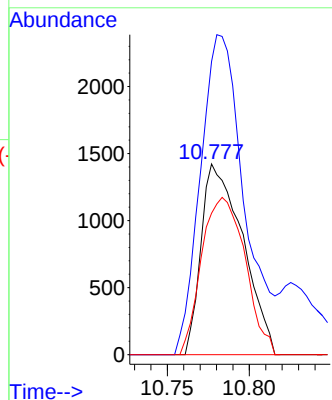
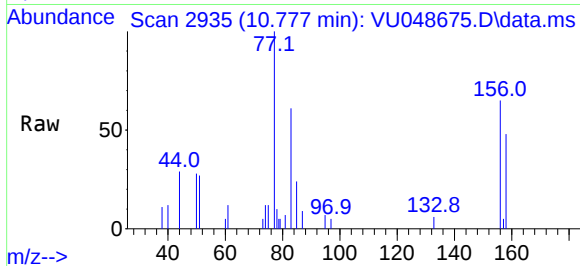
#77
Bromobenzene
Concen: 0.852 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

Instrument :
MSVOA_U
ClientSampleId :
IBLK

Tgt Ion: 156 Resp: 249
Ion Ratio Lower Upper
156 100
77 177.6 81.1 243.3
158 86.6 48.8 146.4

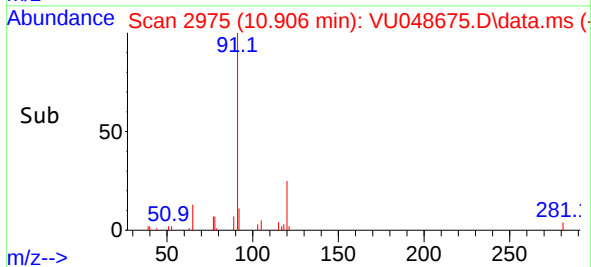
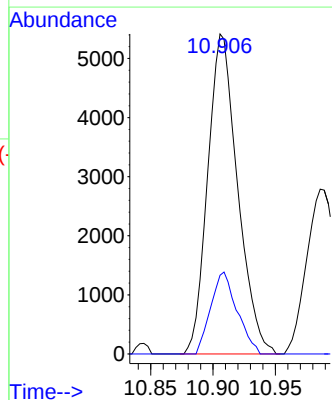
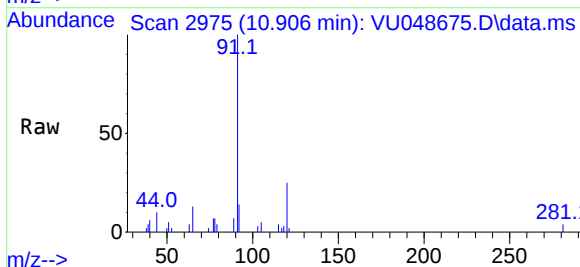
Manual Integrations
APPROVED

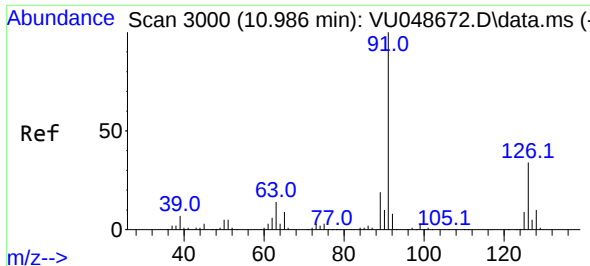
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#78
n-propylbenzene
Concen: 0.696 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

Tgt Ion: 91 Resp: 9039
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.7





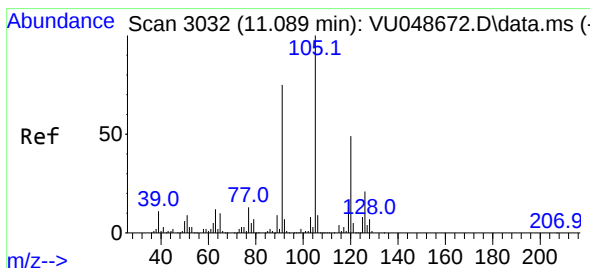
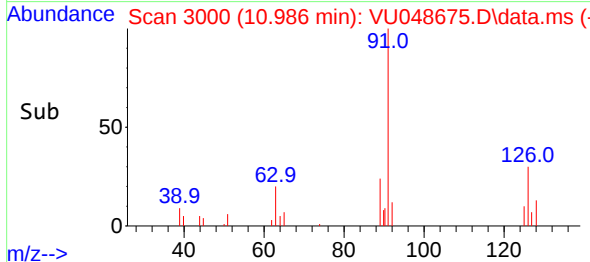
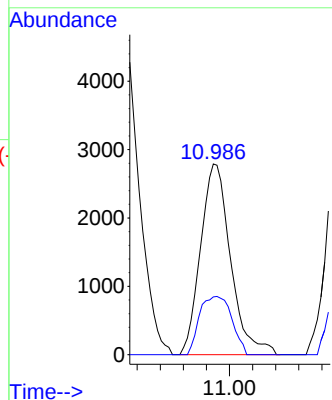
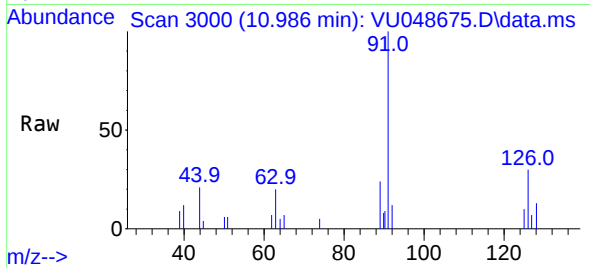
#79
2-Chlorotoluene
Concen: 0.625 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

Instrument :
MSVOA_U
ClientSampleId :
IBLK

Tgt Ion: 91 Resp: 5042
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0

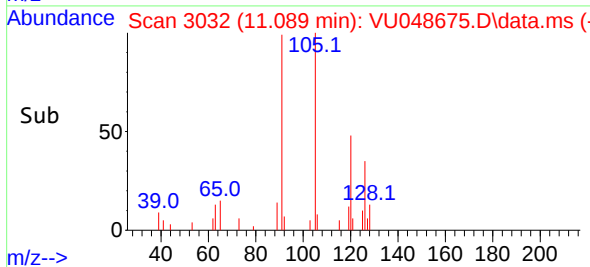
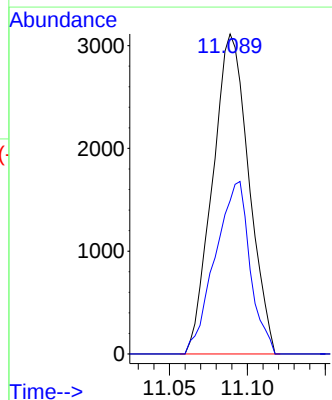
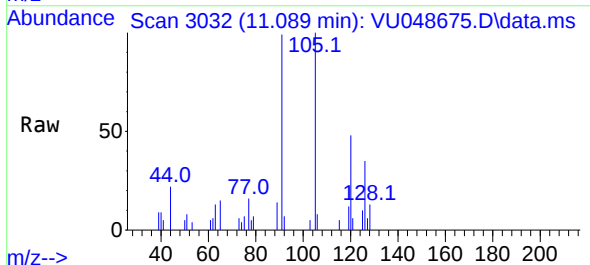
Manual Integrations
APPROVED

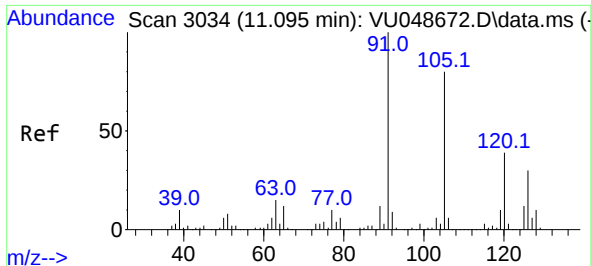
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#80
1,3,5-Trimethylbenzene
Concen: 0.530 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

Tgt Ion:105 Resp: 5021
Ion Ratio Lower Upper
105 100
120 52.0 24.1 72.3





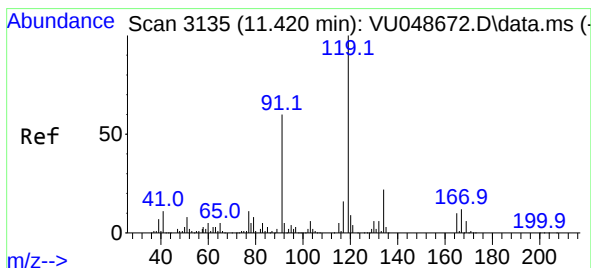
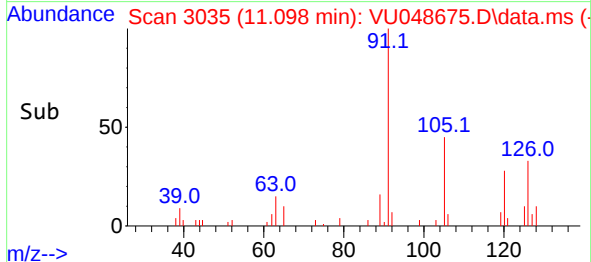
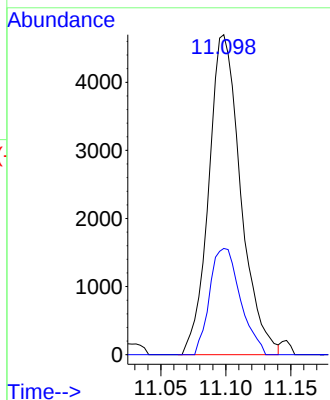
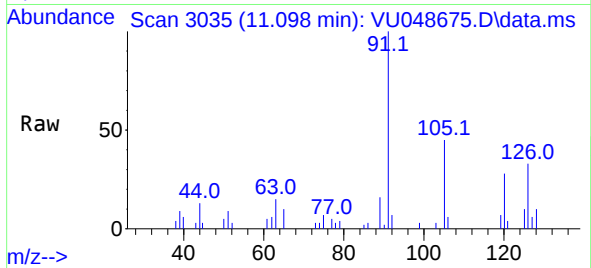
#82
4-Chlorotoluene
Concen: 0.864 ug/l
RT: 11.098 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

Instrument :
MSVOA_U
ClientSampleId :
IBLK

Tgt Ion: 91 Resp: 8049
Ion Ratio Lower Upper
91 100
126 31.7 14.4 43.2

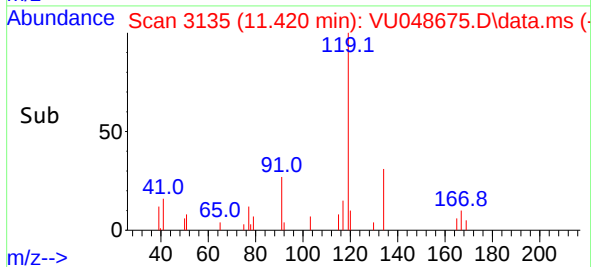
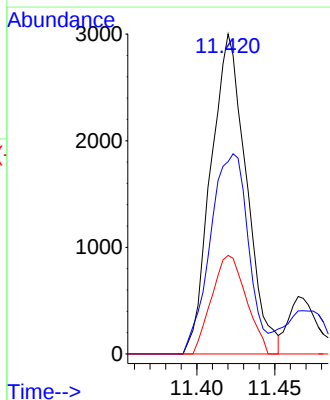
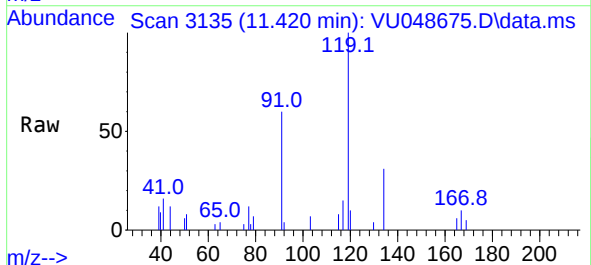
Manual Integrations
APPROVED

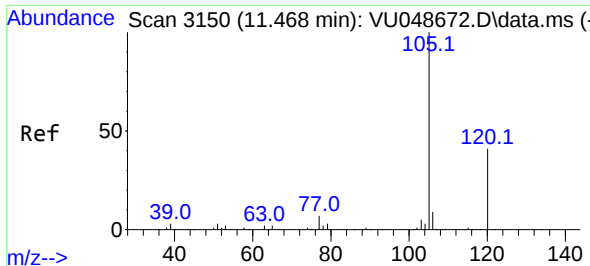
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#83
tert-Butylbenzene
Concen: 0.521 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

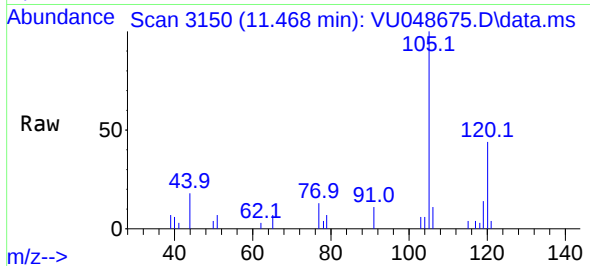
Tgt Ion:119 Resp: 4736
Ion Ratio Lower Upper
119 100
91 67.4 28.7 86.1
134 30.0 10.8 32.4





#84
1,2,4-Trimethylbenzene
Concen: 1.749 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

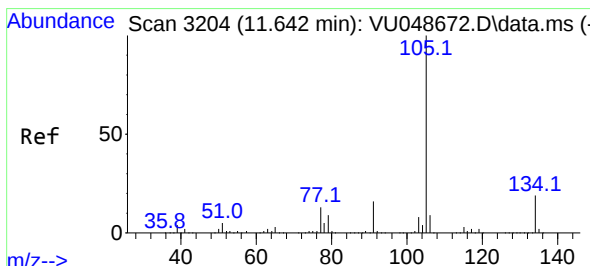
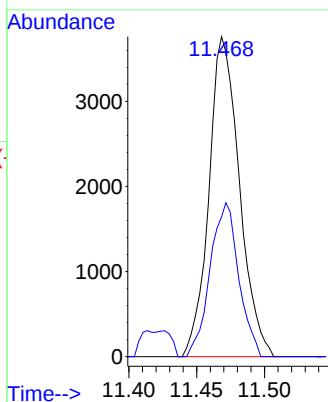
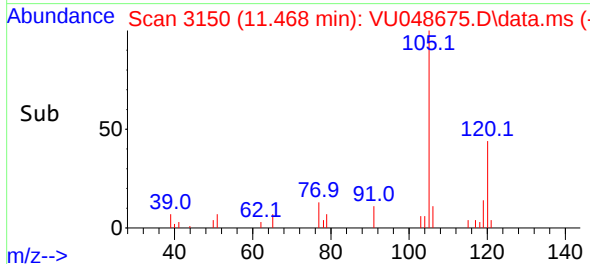
Instrument :
MSVOA_U
ClientSampleId :
IBLK



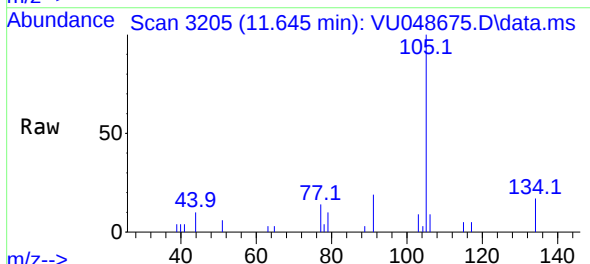
Tgt Ion:105 Resp: 588
Ion Ratio Lower Upper
105 100
120 45.0 22.5 67.5

Manual Integrations
APPROVED

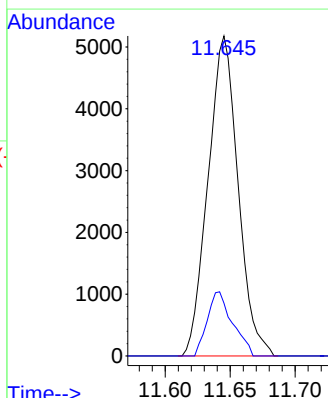
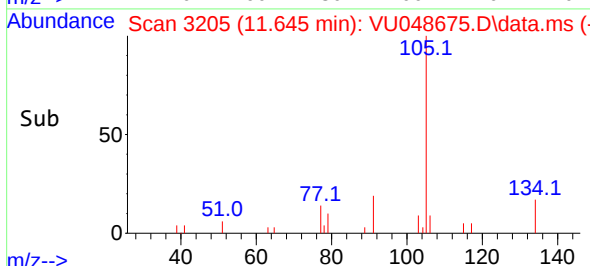
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

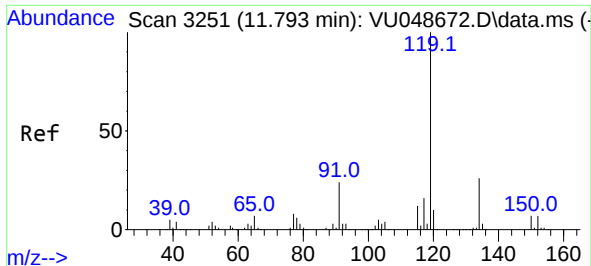


#85
sec-Butylbenzene
Concen: 0.732 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. 0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34



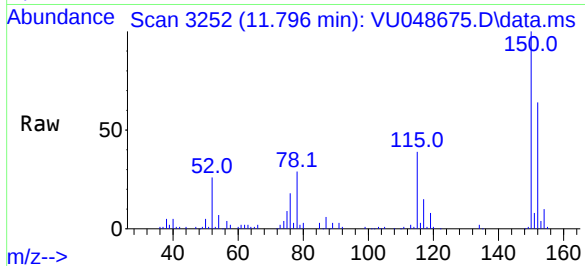
Tgt Ion:105 Resp: 8324
Ion Ratio Lower Upper
105 100
134 16.8 9.6 28.6





#86
p-Isopropyltoluene
Concen: 0.693 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

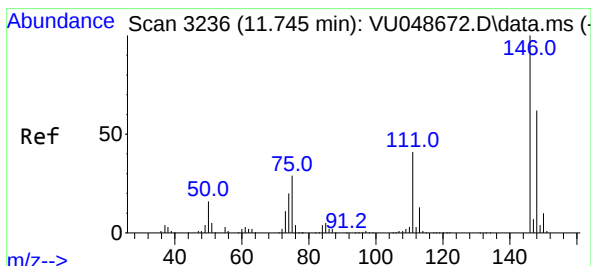
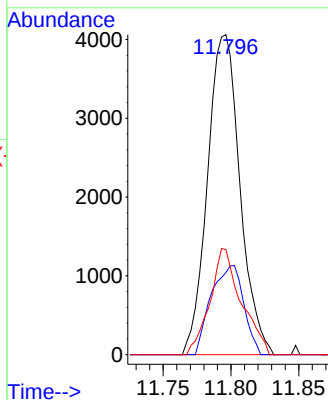
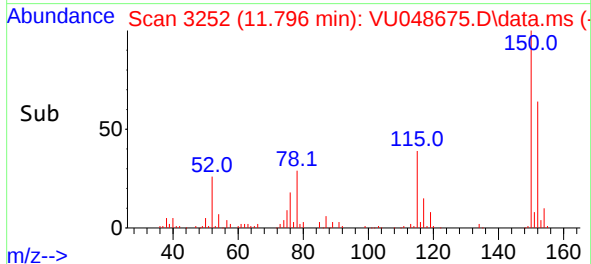
Instrument :
MSVOA_U
ClientSampleId :
IBLK



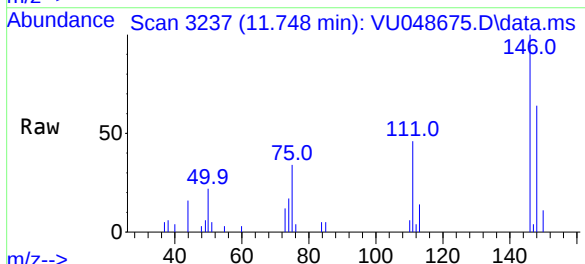
Tgt Ion:119 Resp: 6770
Ion Ratio Lower Upper
119 100
134 27.8 12.8 38.4
91 31.9 12.0 36.0

Manual Integrations
APPROVED

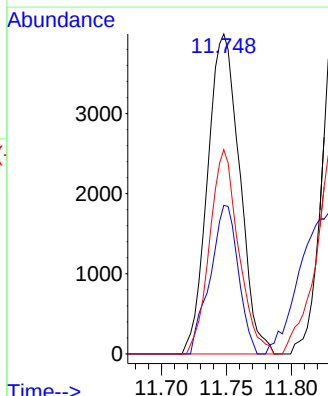
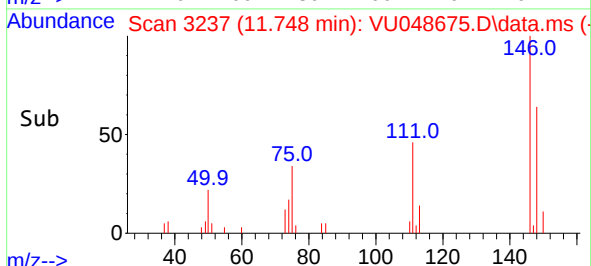
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

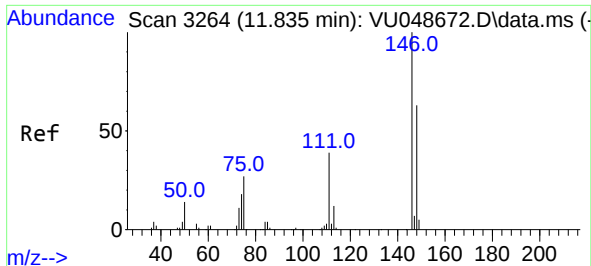


#87
1,3-Dichlorobenzene
Concen: 1.194 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34



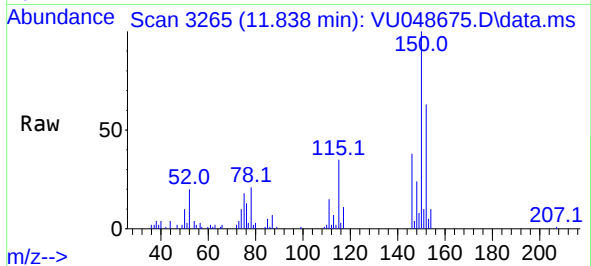
Tgt Ion:146 Resp: 6850
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.9
148 57.8 31.6 95.0





#88
1,4-Dichlorobenzene
Concen: 1.488 ug/l
RT: 11.838 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

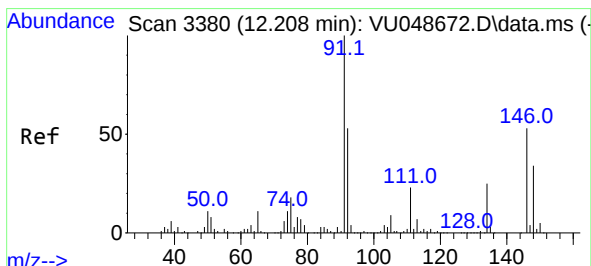
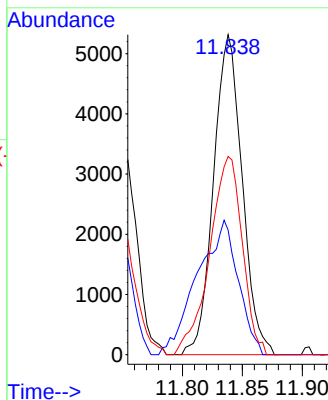
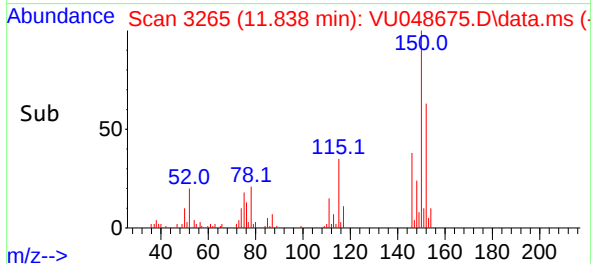
Instrument :
MSVOA_U
ClientSampleId :
IBLK



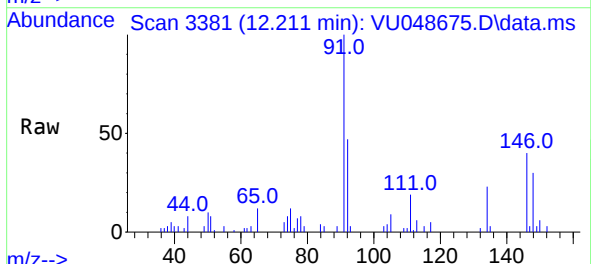
Tgt Ion:146 Resp: 8810
Ion Ratio Lower Upper
146 100
111 59.8 20.2 60.6
148 70.5 32.4 97.0

Manual Integrations
APPROVED

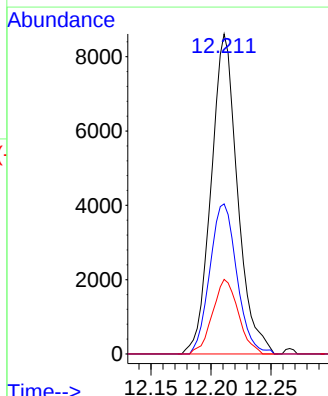
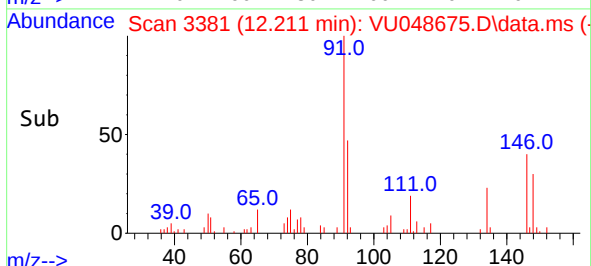
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

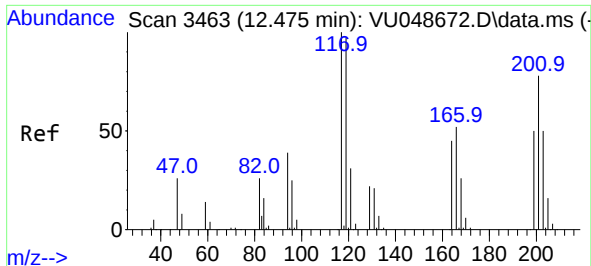


#89
n-Butylbenzene
Concen: 3.472 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34



Tgt Ion: 91 Resp: 13150
Ion Ratio Lower Upper
91 100
92 48.2 25.9 77.8
134 22.8 12.5 37.5





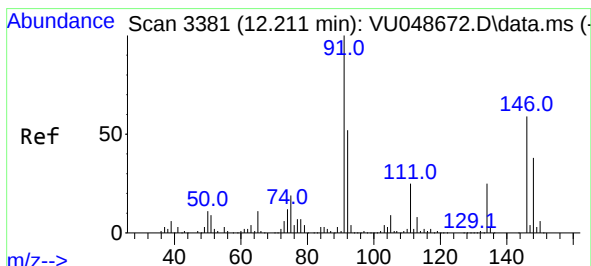
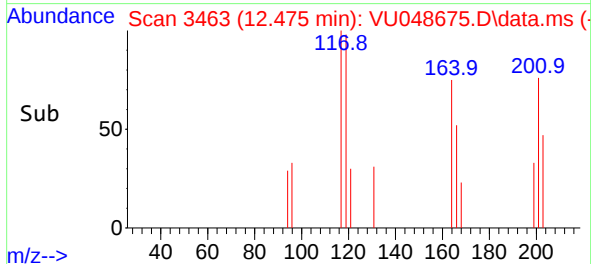
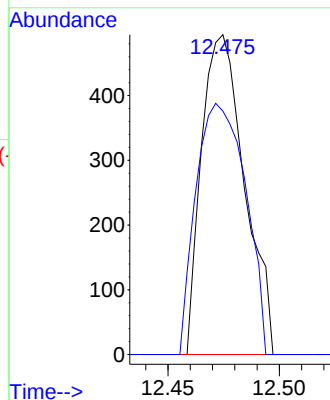
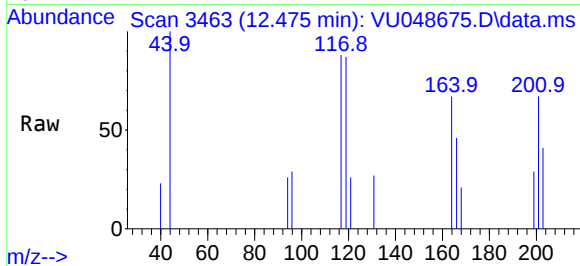
#90
Hexachloroethane
Concen: 0.334 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

Instrument : MSVOA_U
ClientSampleId : IBLK

Tgt Ion:117 Resp: 665
Ion Ratio Lower Upper
117 100
201 90.2 39.6 119.0

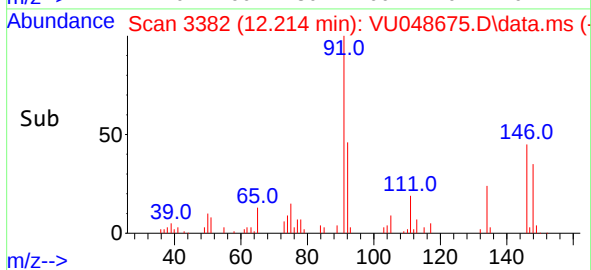
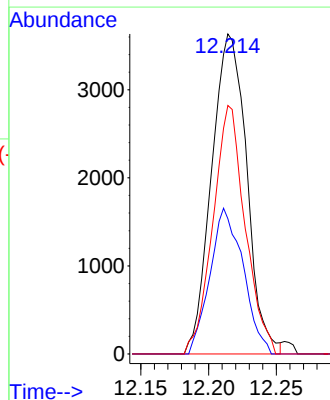
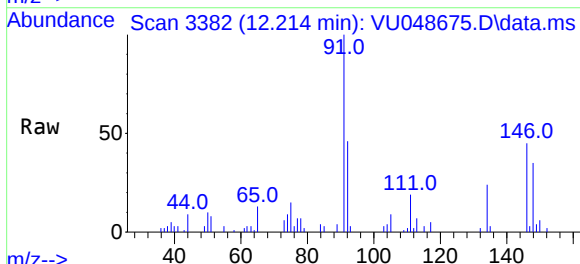
Manual Integrations
APPROVED

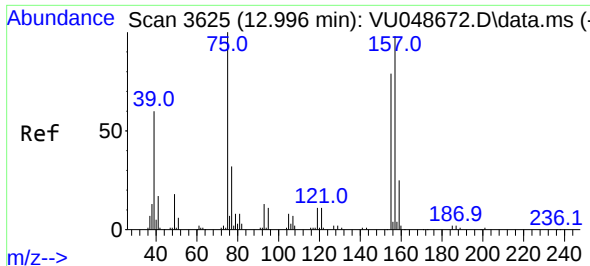
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#91
1,2-Dichlorobenzene
Concen: 1.130 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

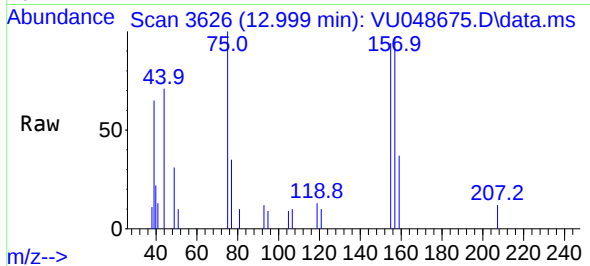
Tgt Ion:146 Resp: 6545
Ion Ratio Lower Upper
146 100
111 43.0 21.4 64.3
148 71.2 32.0 96.2





#92
1,2-Dibromo-3-Chloropropane
Concen: 1.501 ug/l
RT: 12.999 min Scan# 30
Delta R.T. 0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

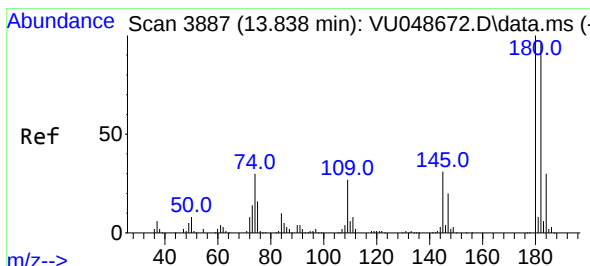
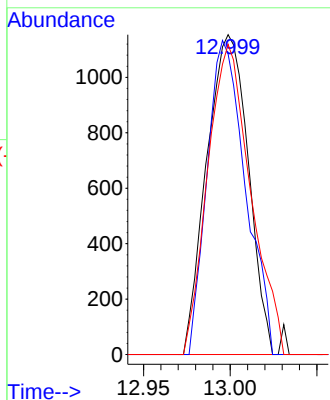
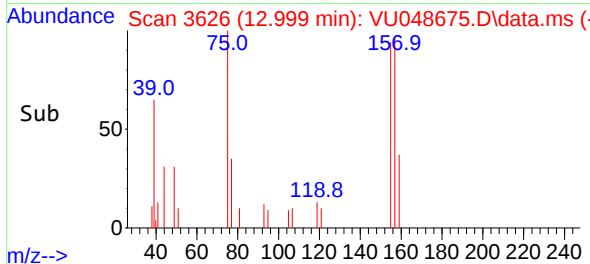
Instrument :
MSVOA_U
ClientSampleId :
IBLK



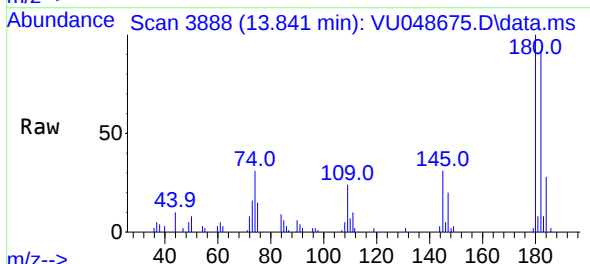
Tgt Ion: 75 Resp: 192
Ion Ratio Lower Upper
75 100
155 90.8 40.3 120.8
157 100.2 50.0 150.0

Manual Integrations
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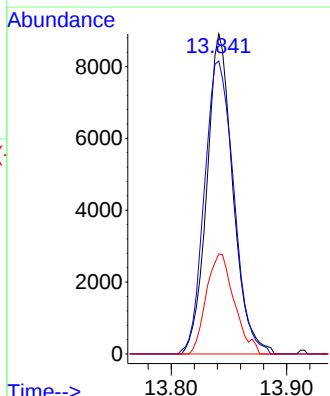
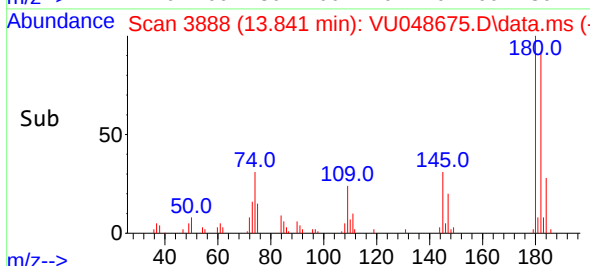
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

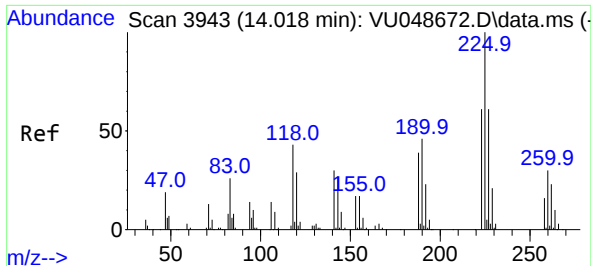


#93
1,2,4-Trichlorobenzene
Concen: 3.677 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34



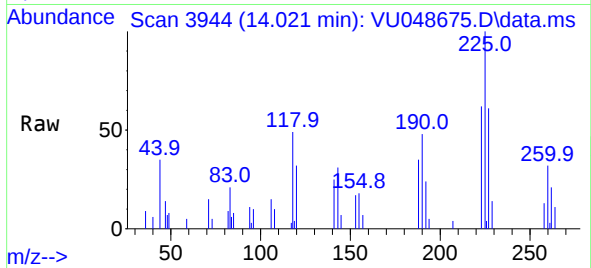
Tgt Ion:180 Resp: 13978
Ion Ratio Lower Upper
180 100
182 102.9 48.3 144.9
145 33.4 15.6 46.7





#94
Hexachlorobutadiene
Concen: 2.556 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34

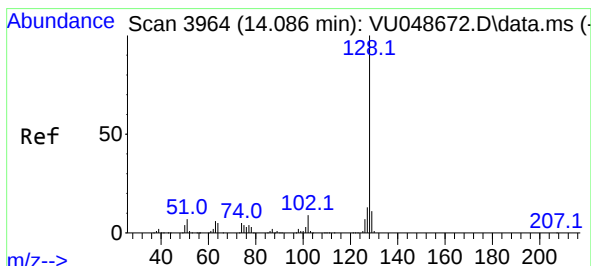
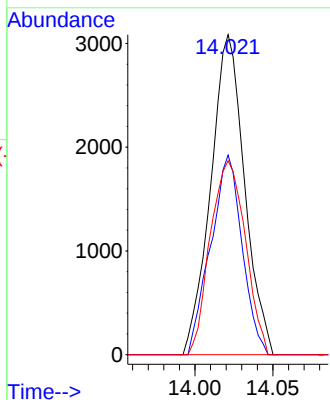
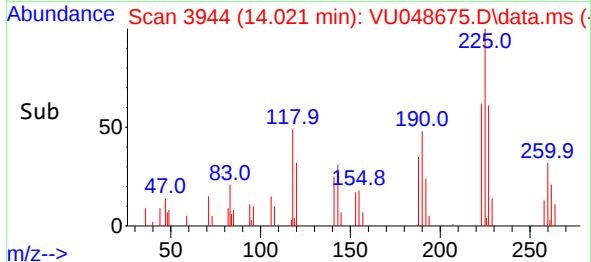
Instrument :
MSVOA_U
ClientSampleId :
IBLK



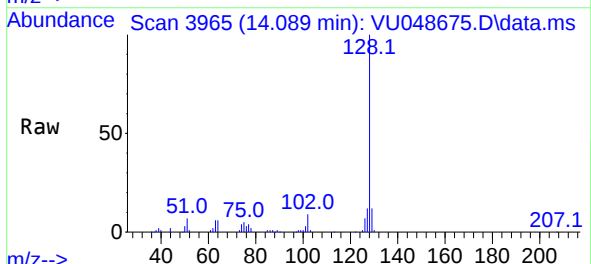
Tgt Ion:225 Resp: 4658
Ion Ratio Lower Upper
225 100
223 58.0 30.9 92.8
227 62.6 31.1 93.5

Manual Integrations
APPROVED

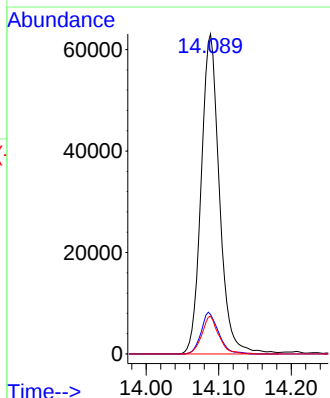
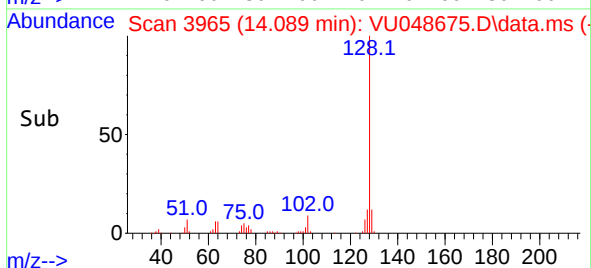
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

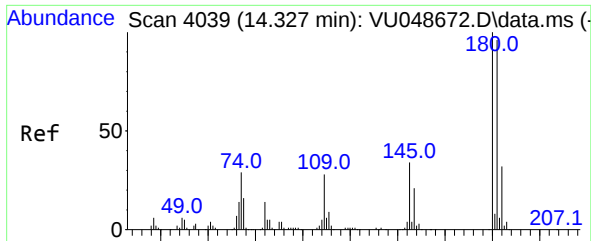


#95
Naphthalene
Concen: 10.418 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU048675.D
Acq: 26 May 2022 12:34



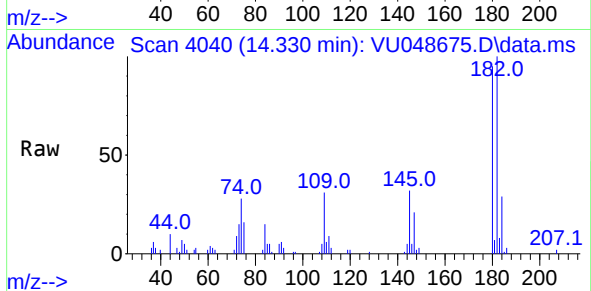
Tgt Ion:128 Resp: 110297
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 10.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 4.684 ug/l
 RT: 14.330 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VU048675.D
 Acq: 26 May 2022 12:34

Instrument :
 MSVOA_U
 ClientSampleId :
 IBLK



Tgt Ion:180 Resp: 17638
 Ion Ratio Lower Upper
 180 100
 182 99.9 47.4 142.2
 145 33.3 16.6 49.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022

