

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021422\
 Data File : VU047134.D
 Acq On : 14 Feb 2022 15:37
 Operator : SY/MD
 Sample : VU0214WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0214WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2022
 Supervised By : Mahesh Dadoda 02/15/2022

Quant Time: Feb 15 03:50:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 15 03:17:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	56952	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	21887	0.992	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	22578	0.983	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	34104	1.796	ug/l	98
3) Chloromethane	1.533	50	36937	1.894	ug/l	94
4) Vinyl Chloride	1.610	62	36980	1.921	ug/l	98
5) Bromomethane	1.864	94	23525	1.870	ug/l	100
6) Chloroethane	1.941	64	21293	1.925	ug/l	98
7) Trichlorofluoromethane	2.147	101	42526	1.874	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	24361	1.862	ug/l	94
9) 1,1-Dichloroethene	2.591	96	24617	1.829	ug/l	98
10) Iodomethane	2.732	142	20633	2.072	ug/l	99
11) Allyl Chloride	2.932	41	39193	1.868	ug/l	94
12) Acrylonitrile	3.324	53	13630	3.450	ug/l	95
13) Acetone	2.636	43	17397	8.737	ug/l	100
14) Carbon Disulfide	2.803	76	88192	1.937	ug/l	100
15) Methylene Chloride	3.054	84	29696	1.964	ug/l	98
16) trans-1,2-Dichloroethene	3.359	96	26875	1.892	ug/l	95
17) 1,1-Dichloroethane	3.877	63	49776	1.912	ug/l	99
18) 2-Butanone	4.716	43	31781	7.984	ug/l	95
19) Cyclohexane	5.395	56	45131m	1.871	ug/l	
20) Methylcyclohexane	6.767	83	48614	1.829	ug/l	97
21) 2,2-Dichloropropane	4.671	77	44290	1.904	ug/l	96
22) cis-1,2-Dichloroethene	4.674	96	30750	1.882	ug/l	94
23) Diethyl Ether	2.382	59	20675	1.900	ug/l	99
24) tert-Butyl Alcohol	3.202	59	12490	17.652	ug/l #	77
25) Methyl tert-Butyl Ether	3.372	73	69049	1.829	ug/l	96
26) Bromochloromethane	4.980	128	14000	1.905	ug/l	91
27) Chloroform	5.096	83	50570	1.915	ug/l	96
28) 1,1,1-Trichloroethane	5.321	97	43483	1.902	ug/l	98
29) 1,1-Dichloropropene	5.533	75	39806	1.902	ug/l	99
30) Carbon Tetrachloride	5.530	117	37992	1.890	ug/l	98
31) Isopropyl Ether	4.002	45	78680	1.890	ug/l	98
32) Ethyl-t-butyl ether	4.510	59	78830	1.863	ug/l	97
33) Tert-Amyl methyl ether	5.944	73	73300	1.880	ug/l	99
34) Propionitrile	4.796	54	8058	7.977	ug/l #	93
35) Benzene	5.780	78	113273	1.931	ug/l	99
36) 1,2-Dichloroethane	5.800	62	33820	1.904	ug/l	100
37) Trichloroethene	6.546	130	30994	1.908	ug/l	94
38) 1,2-Dichloropropane	6.796	63	29854	1.923	ug/l	99
39) Methacrylonitrile	4.983	41	8977	1.678	ug/l	93
40) Methyl acrylate	4.854	55	14937	1.652	ug/l #	95
41) Tetrahydrofuran	5.063	42	8870	3.255	ug/l	97
42) 1-Chlorobutane	5.465	56	53473	1.903	ug/l	100
43) Dibromomethane	6.922	93	15868	1.895	ug/l	93
44) Bromodichloromethane	7.112	83	37628	1.900	ug/l	98

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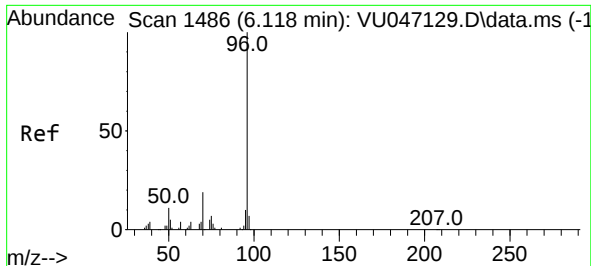
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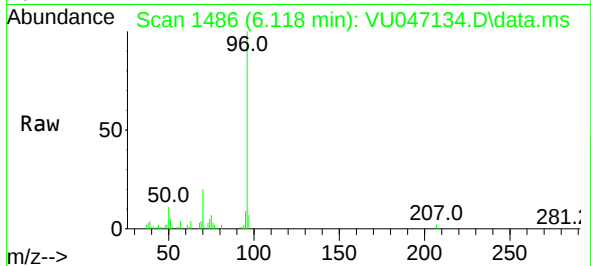
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	105152	9.287	ug/l	93
46) t-1,4-Dichloro-2-butene	10.838	75	16890m	3.427	ug/l	
47) Methyl methacrylate	6.967	69	31840	3.626	ug/l	94
48) Ethyl methacrylate	8.337	69	33426	1.878	ug/l	96
49) Toluene	7.973	92	72345	1.912	ug/l	98
50) t-1,3-Dichloropropene	8.214	75	39648	1.850	ug/l	98
51) cis-1,3-Dichloropropene	7.610	75	46297	1.927	ug/l	97
52) 1,1,2-Trichloroethane	8.404	97	22524	1.886	ug/l	95
53) 1,3-Dichloropropane	8.578	76	40819	1.913	ug/l	99
54) 2-Hexanone	8.687	43	73117	8.668	ug/l	99
55) Dibromochloromethane	8.812	129	26289	1.810	ug/l	98
56) 1,2-Dibromoethane	8.928	107	22269	1.845	ug/l	97
58) Tetrachloroethene	8.555	164	28011	1.869	ug/l	98
59) Chlorobenzene	9.449	112	80210	1.901	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	27969	1.929	ug/l	97
61) Pentachloroethane	11.430	117	20460	1.859	ug/l	88
62) Hexachloroethane	12.478	117	20992	1.766	ug/l #	81
63) Ethyl Benzene	9.574	91	140758	1.898	ug/l	99
64) m/p-Xylenes	9.697	106	106959	3.783	ug/l	97
65) o-Xylene	10.105	106	52944	1.933	ug/l	95
66) Styrene	10.118	104	87381	1.880	ug/l	97
67) Bromoform	10.295	173	16578	1.801	ug/l #	98
69) Isopropylbenzene	10.488	105	137120	1.862	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.783	83	30131	1.866	ug/l	100
71) 1,2,3-Trichloropropane	10.835	75	21273m	1.561	ug/l	
72) Bromobenzene	10.787	156	33502	1.863	ug/l	90
73) n-propylbenzene	10.909	120	36960	1.823	ug/l	92
74) 2-Chlorotoluene	10.989	126	32935	1.905	ug/l	89
75) 1,3,5-Trimethylbenzene	11.089	105	111478	1.846	ug/l	99
76) 4-Chlorotoluene	11.098	126	33037	1.819	ug/l	87
77) tert-Butylbenzene	11.420	119	112596	1.858	ug/l	95
78) 1,2,4-Trimethylbenzene	11.468	105	113202	1.836	ug/l	98
79) sec-Butylbenzene	11.645	105	148050	1.840	ug/l	98
80) Nitrobenzene	13.208	77	5925	7.600	ug/l	96
81) p-Isopropyltoluene	11.793	119	122196	1.794	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	65010	1.857	ug/l	97
83) 1,4-Dichlorobenzene	11.838	146	65358	1.853	ug/l	97
84) n-Butylbenzene	12.208	91	114873	1.757	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	61611	1.828	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	5233	1.767	ug/l	87
87) 1,2,4-Trichlorobenzene	13.841	180	47390	1.791	ug/l	98
88) Hexachlorobutadiene	14.021	225	24237	1.791	ug/l	99
89) Naphthalene	14.089	128	96626	1.782	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	44663	1.881	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. -0.000 min
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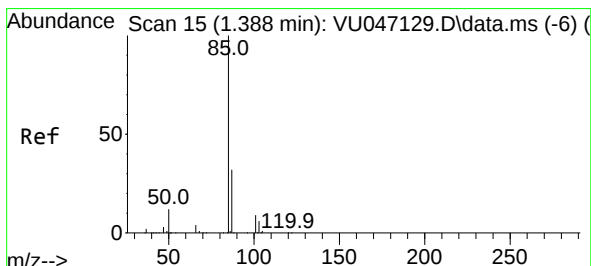
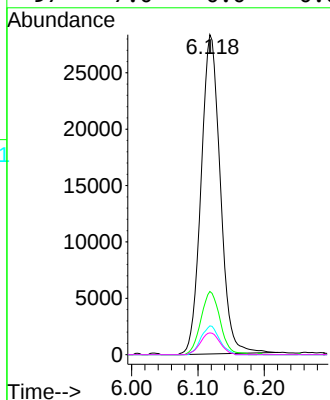
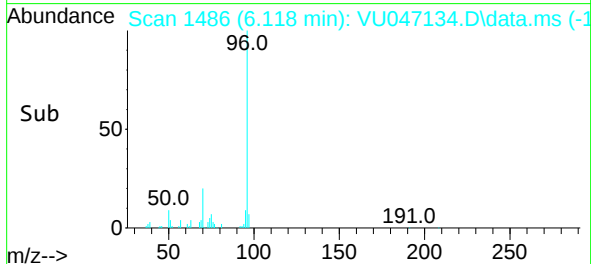
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



Tgt Ion: 96 Resp: 56952
Ion Ratio Lower Upper
96 100
70 19.8 16.8 25.2
95 8.7 7.3 10.9
97 7.0 0.0 0.0#

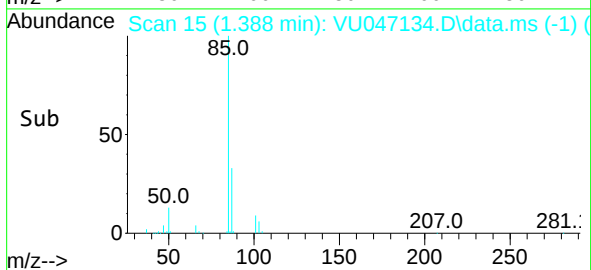
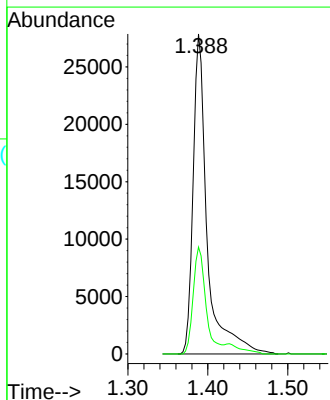
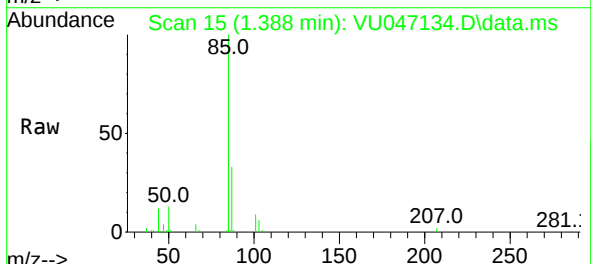
Manual Integrations
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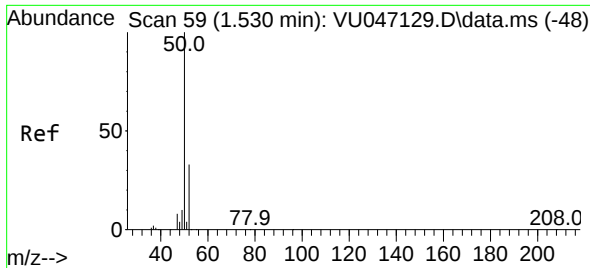
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#2
Dichlorodifluoromethane
Concen: 1.796 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

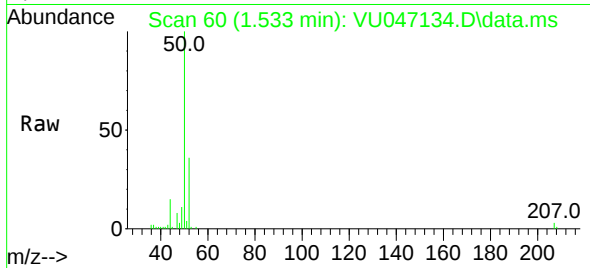
Tgt Ion: 85 Resp: 34104
Ion Ratio Lower Upper
85 100
87 33.4 16.2 48.6





#3
Chloromethane
Concen: 1.894 ug/l
RT: 1.533 min Scan# 60
Delta R.T. 0.003 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

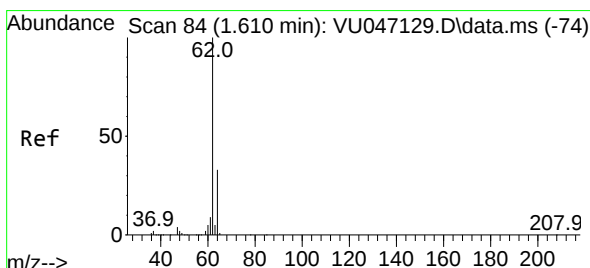
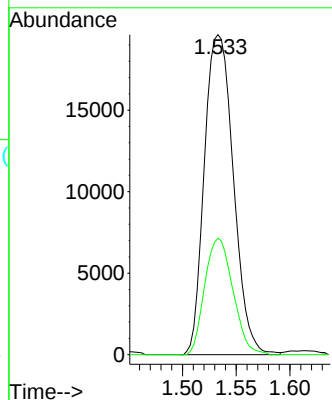
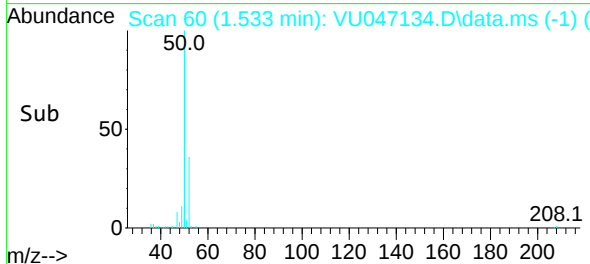
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



Tgt Ion: 50 Resp: 3693
Ion Ratio Lower Upper
50 100
52 36.4 26.2 39.4

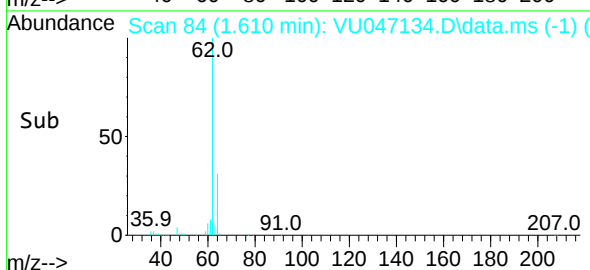
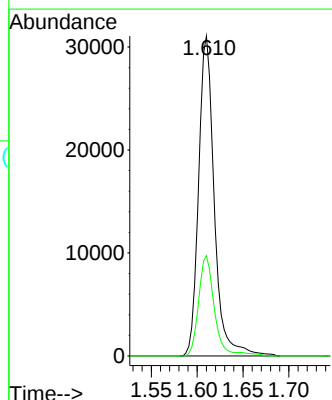
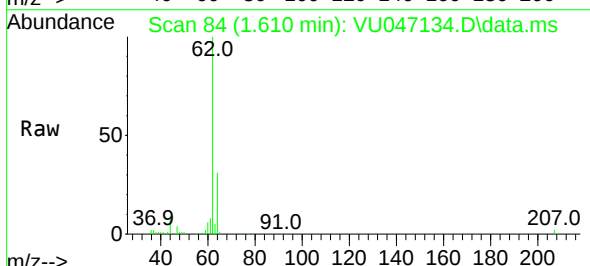
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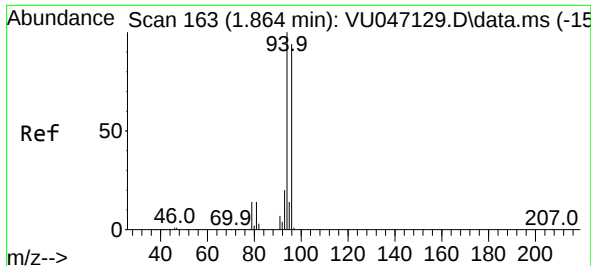
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#4
Vinyl Chloride
Concen: 1.921 ug/l
RT: 1.610 min Scan# 84
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

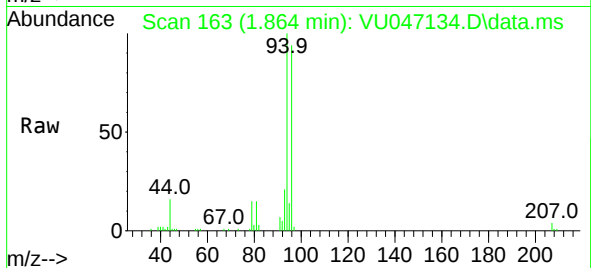
Tgt Ion: 62 Resp: 36980
Ion Ratio Lower Upper
62 100
64 31.4 26.0 39.0





#5
Bromomethane
Concen: 1.870 ug/l
RT: 1.864 min Scan# 163
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

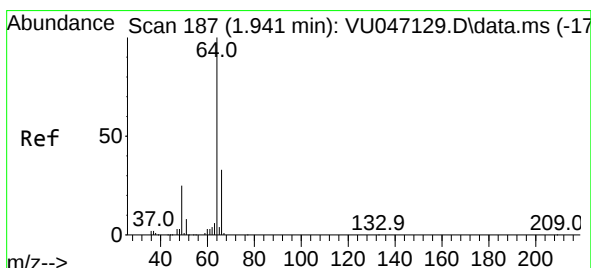
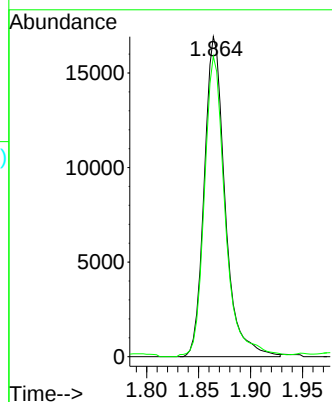
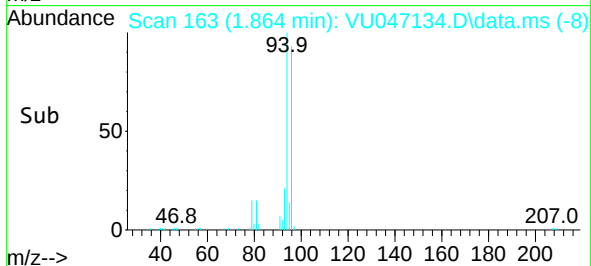
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



Tgt Ion: 94 Resp: 2352
Ion Ratio Lower Upper
94 100
96 93.3 75.0 112.4

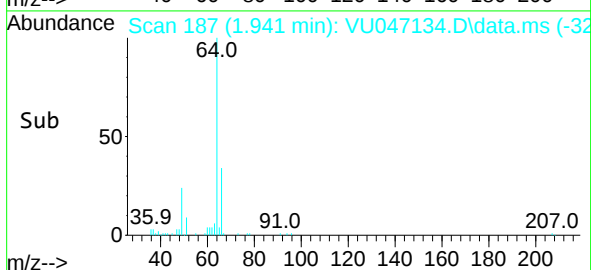
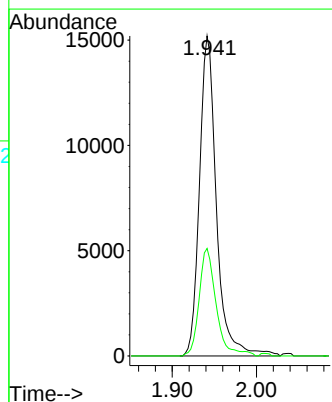
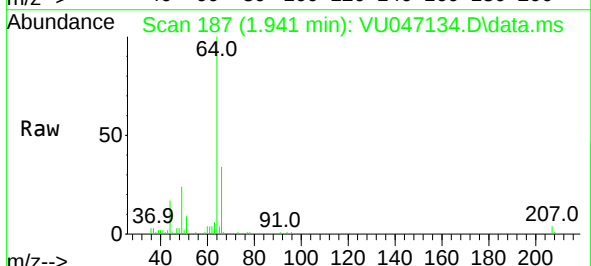
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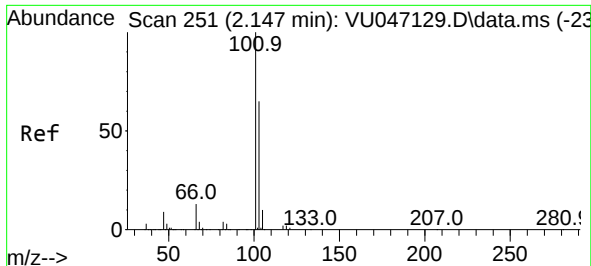
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#6
Chloroethane
Concen: 1.925 ug/l
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

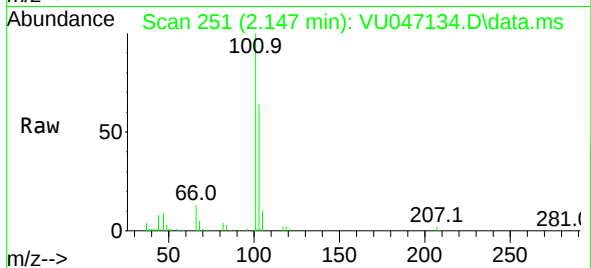
Tgt Ion: 64 Resp: 21293
Ion Ratio Lower Upper
64 100
66 33.6 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 1.874 ug/l
 RT: 2.147 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU047134.D
 Acq: 14 Feb 2022 15:37

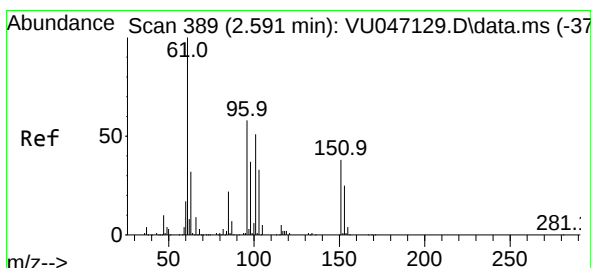
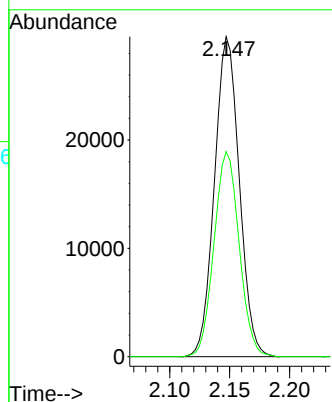
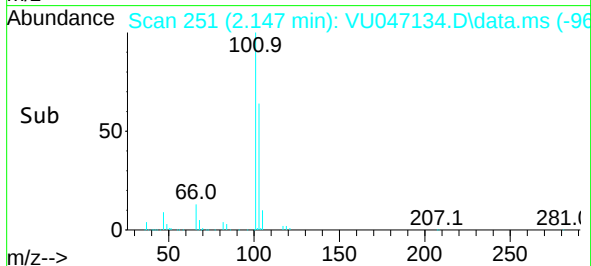
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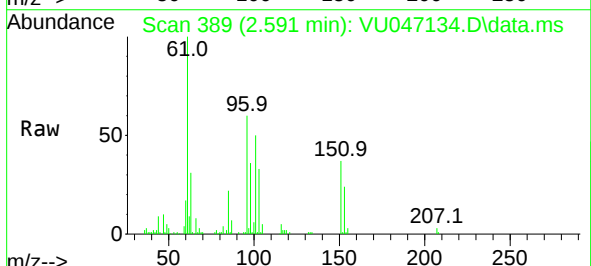
Tgt Ion:101 Resp: 42520
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.2 78.2

Manual Integrations
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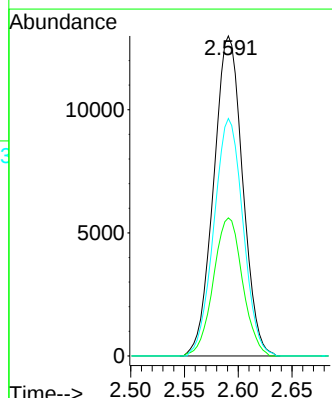
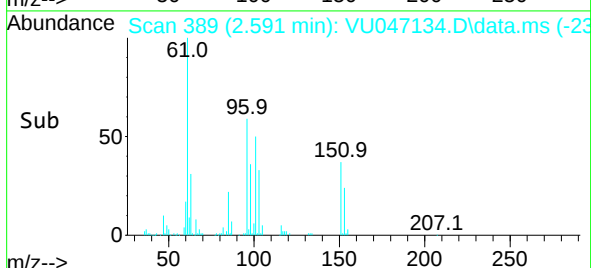
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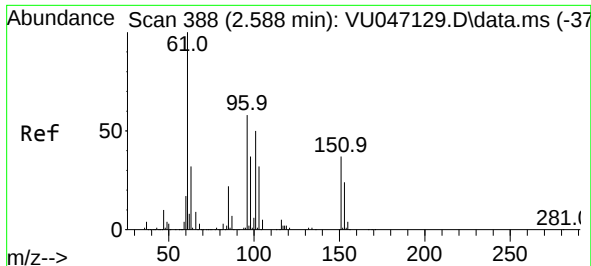


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.862 ug/l
 RT: 2.591 min Scan# 389
 Delta R.T. -0.000 min
 Lab File: VU047134.D
 Acq: 14 Feb 2022 15:37



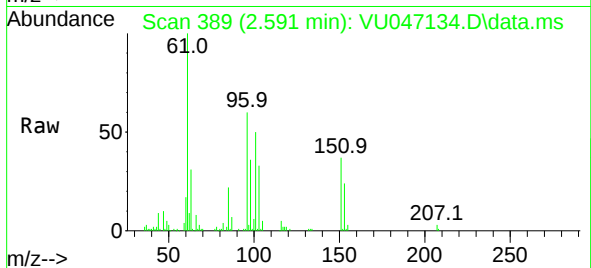
Tgt Ion:101 Resp: 24361
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.8 53.6
 151 74.8 54.6 81.8





#9
1,1-Dichloroethene
Concen: 1.829 ug/l
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

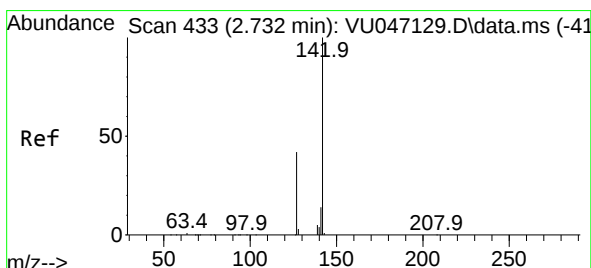
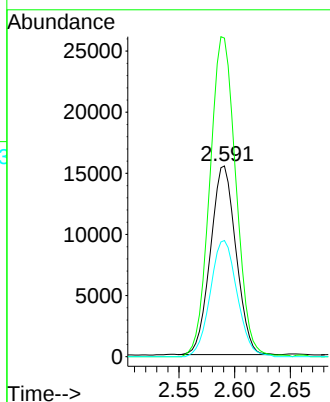
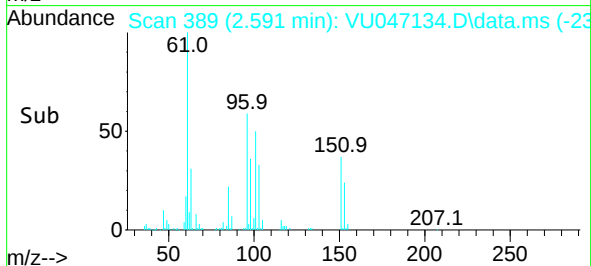
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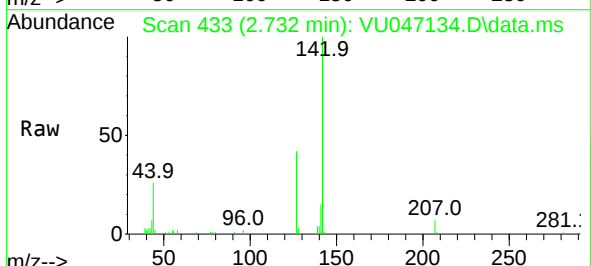
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Ion Ratio Lower Upper
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98 61.6 0.0 126.4

Manual Integrations
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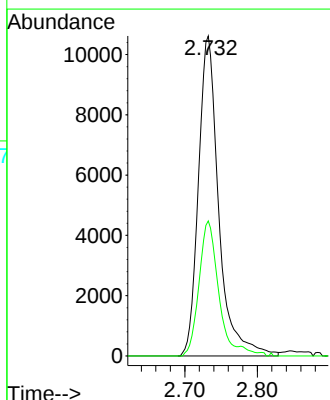
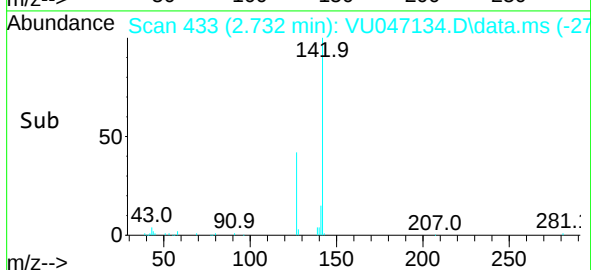
Reviewed By : John Carlone 02/15/2022
Supervised By : Mahesh Dadoda 02/15/2022

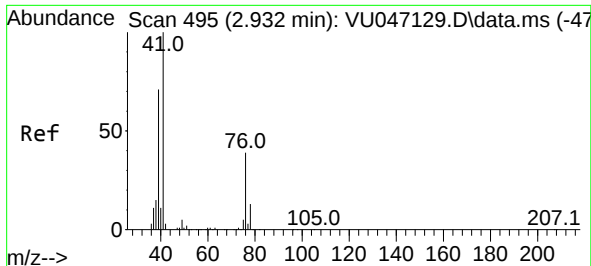


#10
Iodomethane
Concen: 2.072 ug/l
RT: 2.732 min Scan# 433
Delta R.T. 0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37



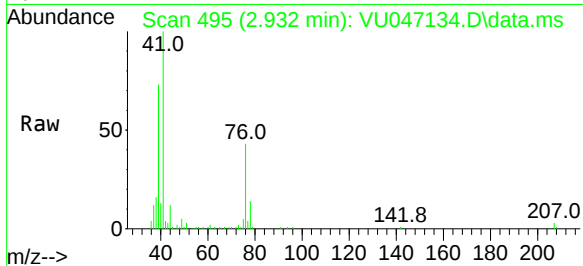
Tgt Ion: 142 Resp: 20633
Ion Ratio Lower Upper
142 100
127 41.1 33.2 49.8





#11
 Allyl Chloride
 Concen: 1.868 ug/l
 RT: 2.932 min Scan# 495
 Delta R.T. -0.000 min
 Lab File: VU047134.D
 Acq: 14 Feb 2022 15:37

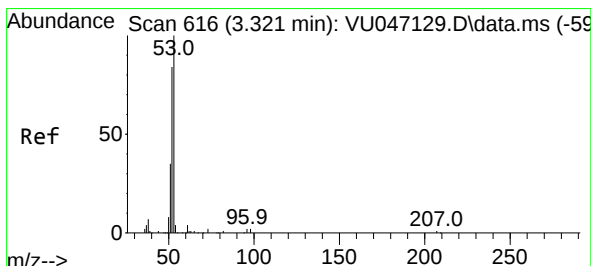
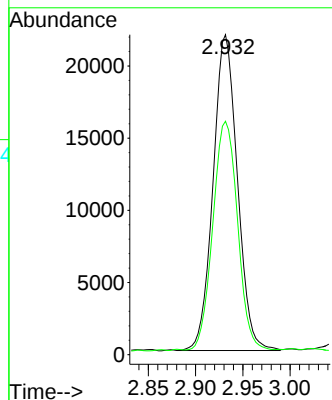
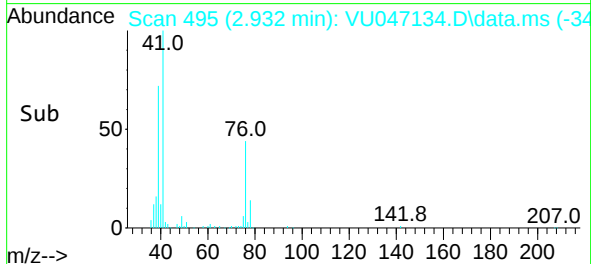
Instrument :
 MSVOA_U
 Client Sample Id :
 VU0214WBSD01



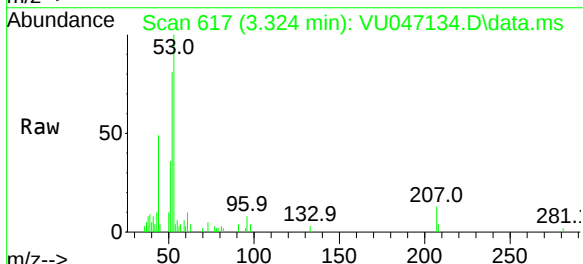
Tgt Ion: 41 Resp: 3919
 Ion Ratio Lower Upper
 41 100
 39 73.1 62.4 93.6

Manual Integrations
 APPROVED

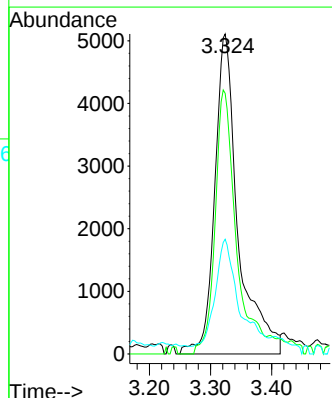
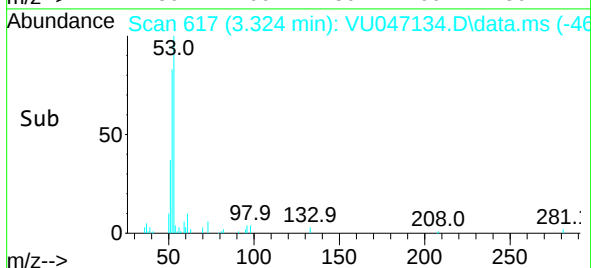
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022

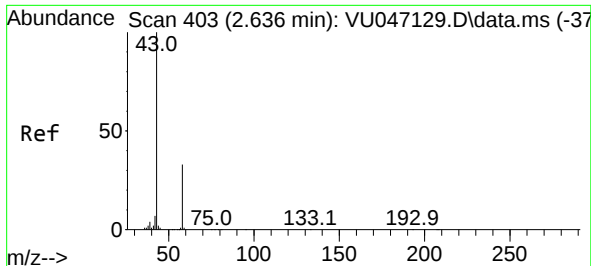


#12
 Acrylonitrile
 Concen: 3.450 ug/l
 RT: 3.324 min Scan# 617
 Delta R.T. 0.003 min
 Lab File: VU047134.D
 Acq: 14 Feb 2022 15:37



Tgt Ion: 53 Resp: 13630
 Ion Ratio Lower Upper
 53 100
 52 73.2 56.7 85.1
 51 32.5 30.3 45.5





#13

Acetone

Concen: 8.737 ug/l

RT: 2.636 min Scan# 403

Delta R.T. -0.000 min

Lab File: VU047134.D

Acq: 14 Feb 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

VU0214WBSD01

Tgt Ion: 43 Resp: 1739

Ion Ratio Lower Upper

43 100

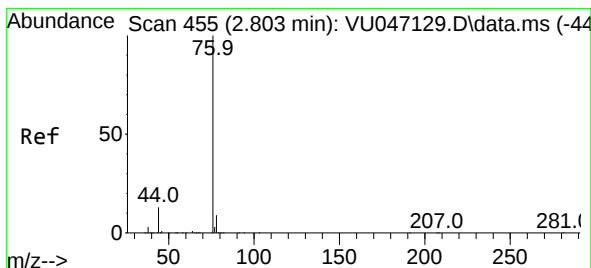
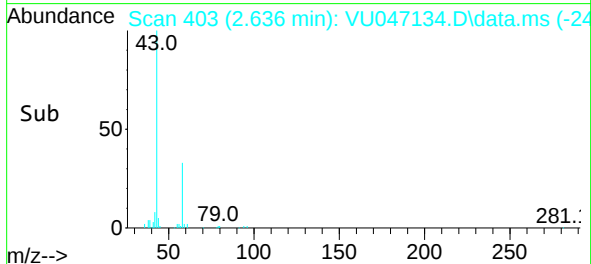
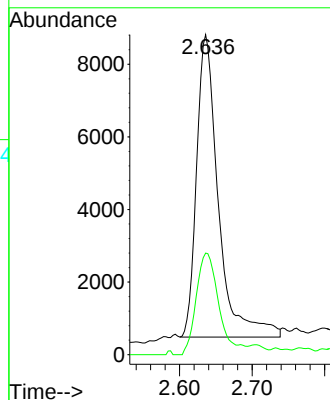
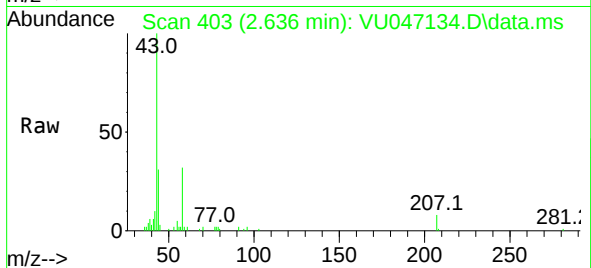
58 33.6 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#14

Carbon Disulfide

Concen: 1.937 ug/l

RT: 2.803 min Scan# 455

Delta R.T. -0.000 min

Lab File: VU047134.D

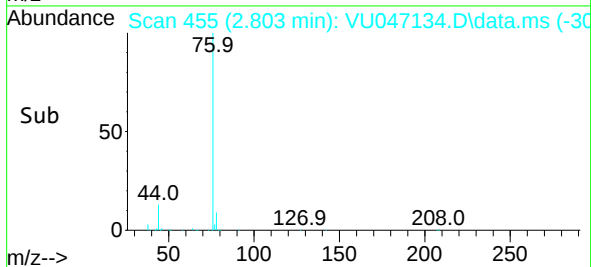
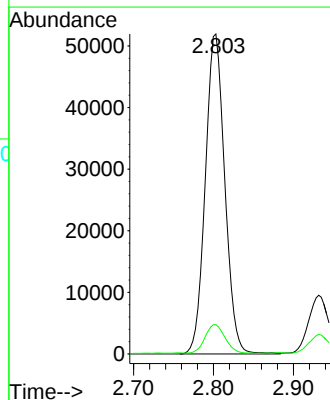
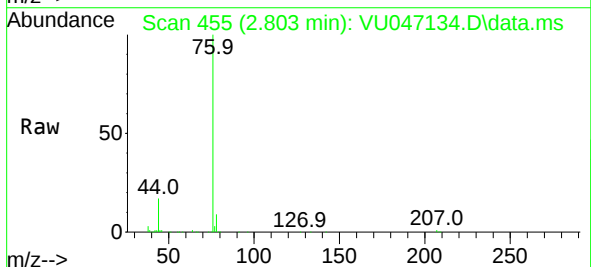
Acq: 14 Feb 2022 15:37

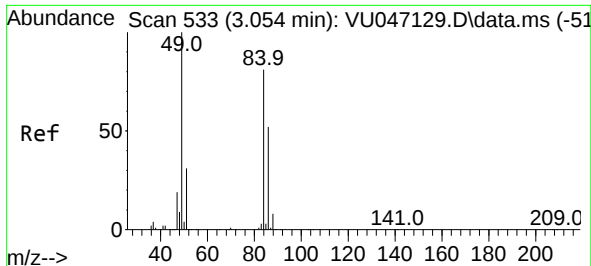
Tgt Ion: 76 Resp: 88192

Ion Ratio Lower Upper

76 100

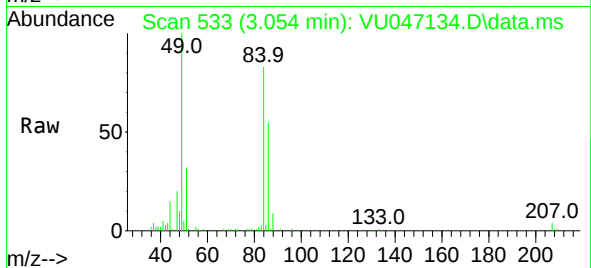
78 8.8 7.1 10.7





#15
Methylene Chloride
Concen: 1.964 ug/l
RT: 3.054 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

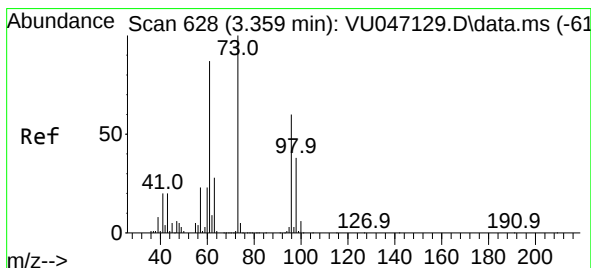
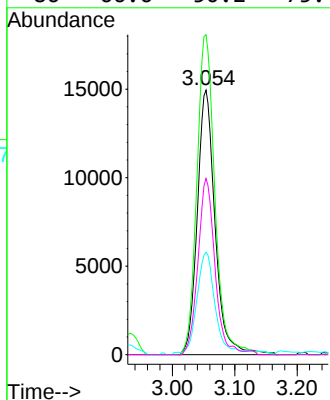
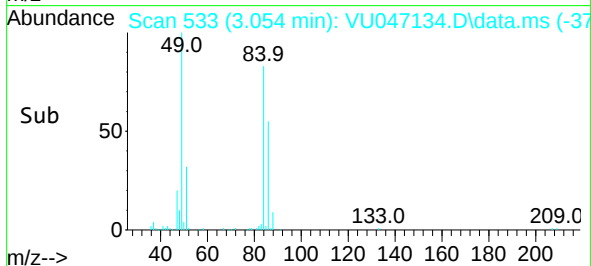
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



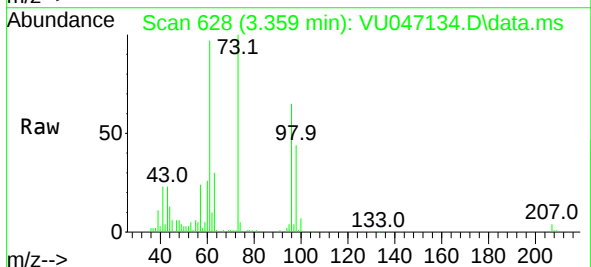
Tgt Ion: 84 Resp: 29690
Ion Ratio Lower Upper
84 100
49 121.0 97.2 145.8
51 37.8 0.0 73.4
86 66.6 50.2 75.4

Manual Integrations
APPROVED

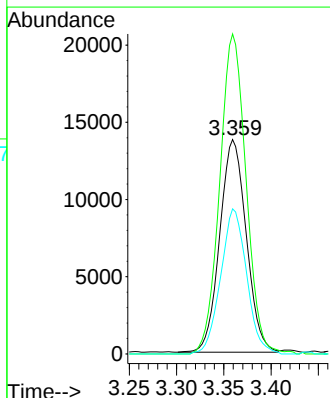
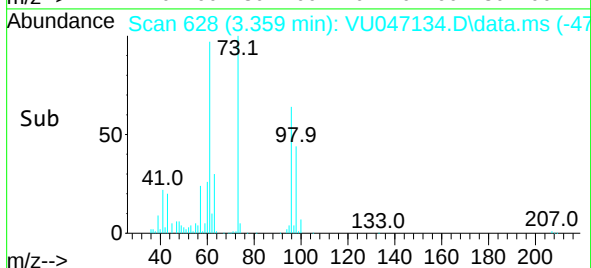
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

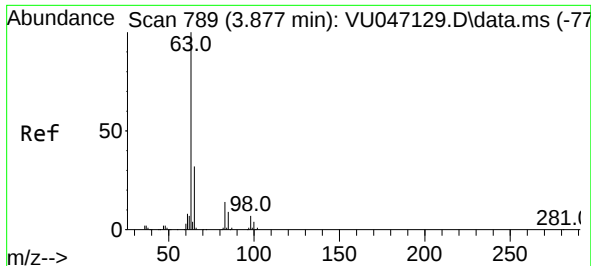


#16
trans-1,2-Dichloroethene
Concen: 1.892 ug/l
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37



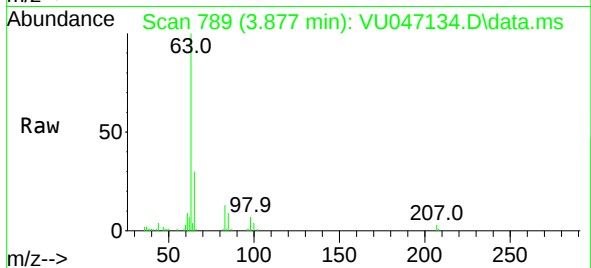
Tgt Ion: 96 Resp: 26875
Ion Ratio Lower Upper
96 100
61 150.5 115.8 173.6
98 68.3 51.1 76.7





#17
1,1-Dichloroethane
Concen: 1.912 ug/l
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

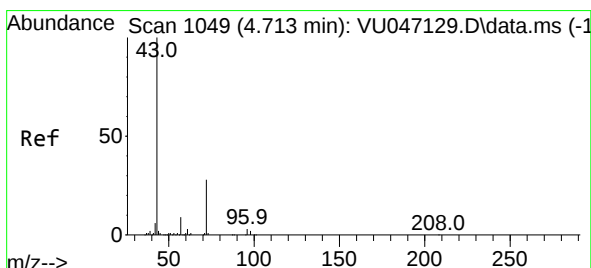
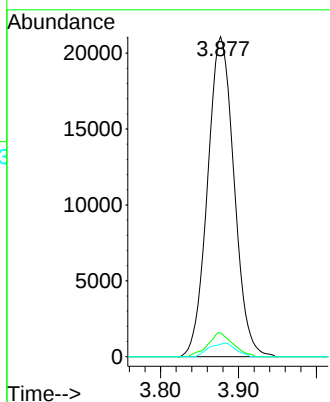
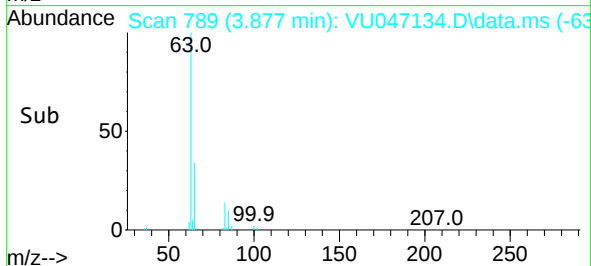
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



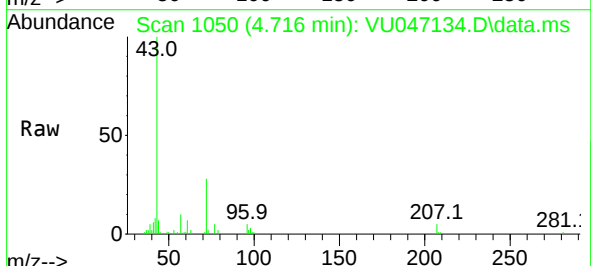
Tgt Ion: 63 Resp: 49770
Ion Ratio Lower Upper
63 100
98 7.5 3.6 10.8
100 3.8 2.1 6.5

Manual Integrations
APPROVED

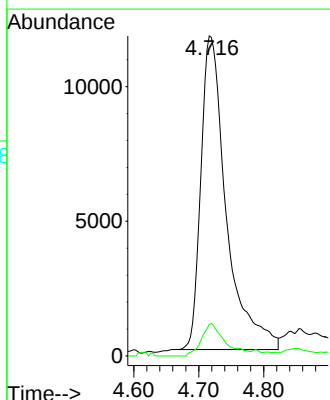
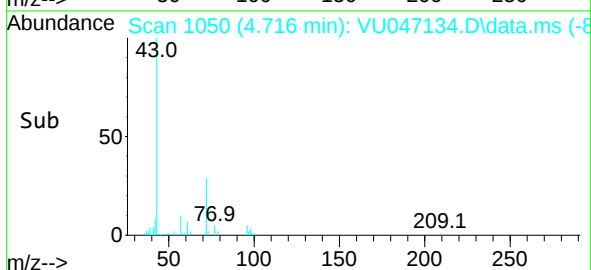
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

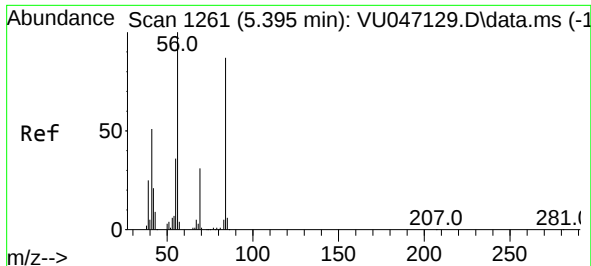


#18
2-Butanone
Concen: 7.984 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37



Tgt Ion: 43 Resp: 31781
Ion Ratio Lower Upper
43 100
57 10.0 0.0 16.6





#19

Cyclohexane

Concen: 1.871 ug/l m

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU047134.D

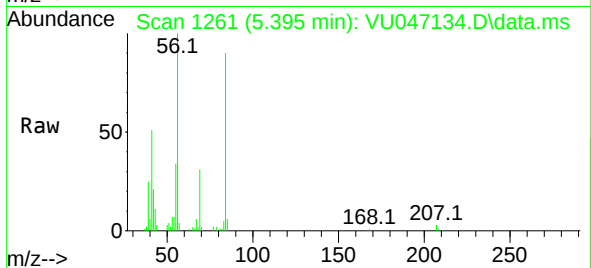
Acq: 14 Feb 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

VU0214WBSD01



Tgt Ion: 56 Resp: 4513

Ion Ratio Lower Upper

56 100

69 31.2 24.7 37.1

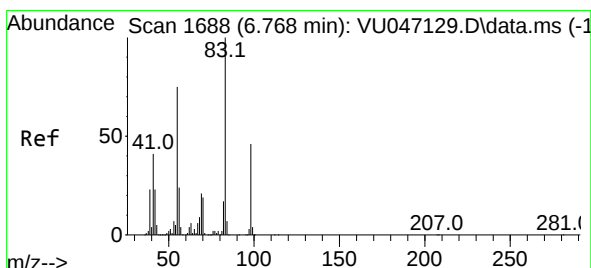
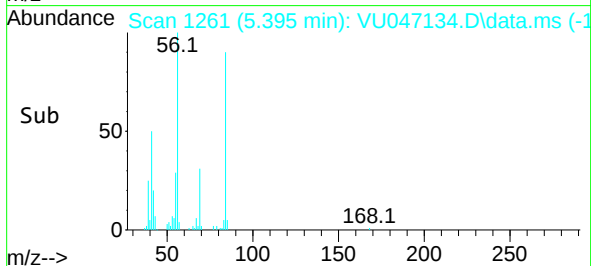
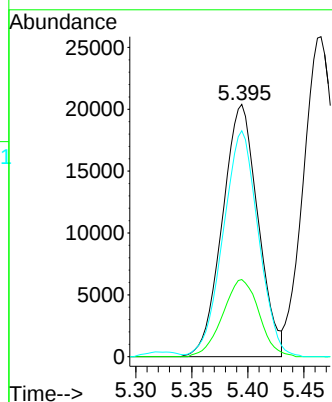
84 87.7 68.8 103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#20

Methylcyclohexane

Concen: 1.829 ug/l

RT: 6.767 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VU047134.D

Acq: 14 Feb 2022 15:37

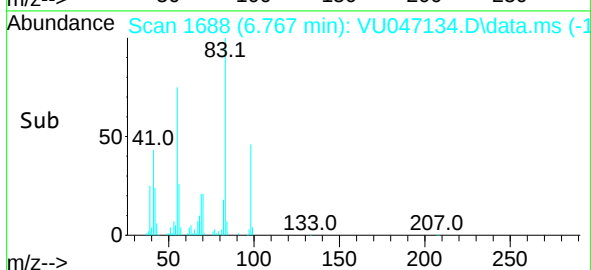
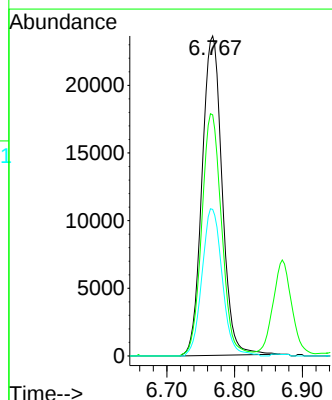
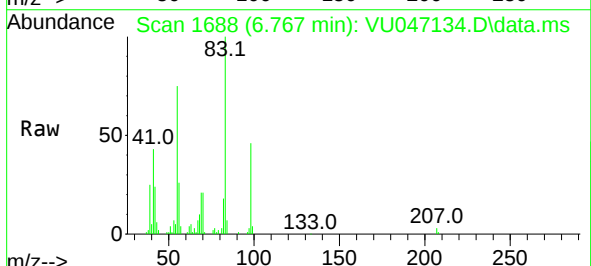
Tgt Ion: 83 Resp: 48614

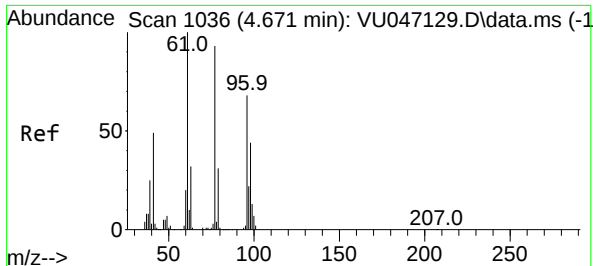
Ion Ratio Lower Upper

83 100

55 73.2 61.9 92.9

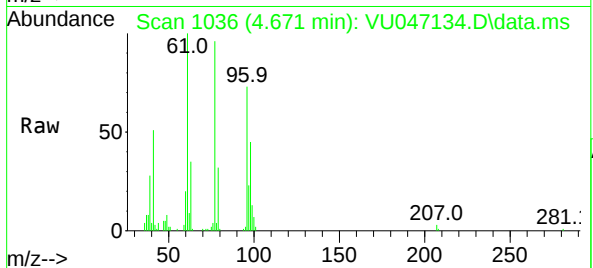
98 46.5 37.4 56.2





#21
2,2-Dichloropropane
Concen: 1.904 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

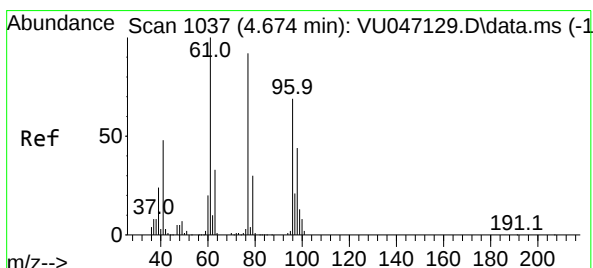
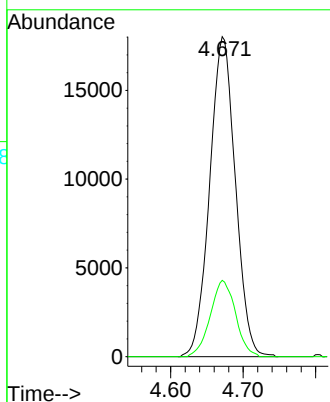
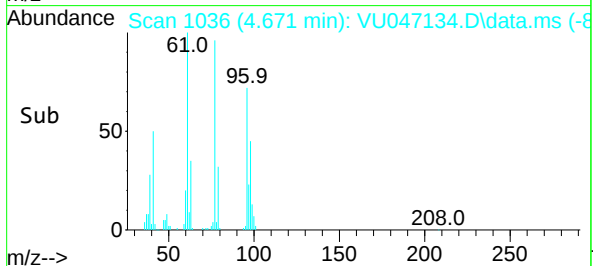
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



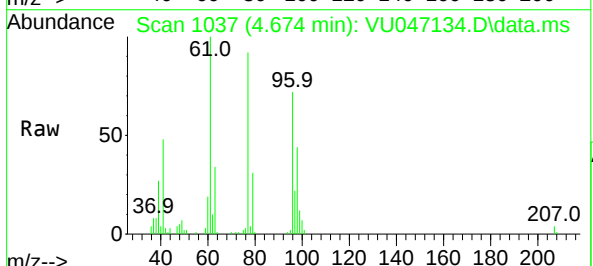
Tgt Ion: 77 Resp: 44290
Ion Ratio Lower Upper
77 100
97 23.5 17.2 25.8

Manual Integrations
APPROVED

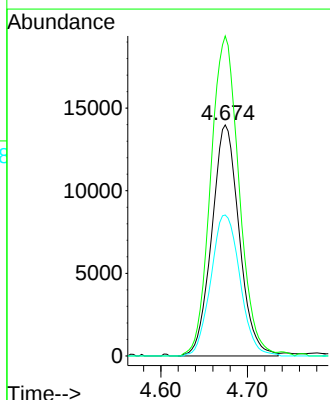
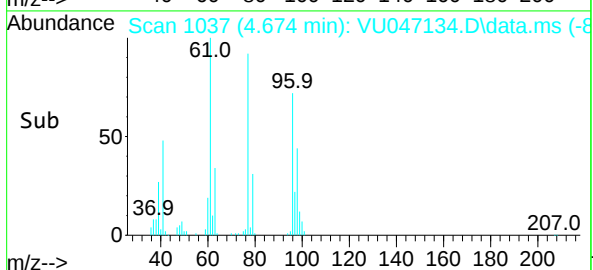
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

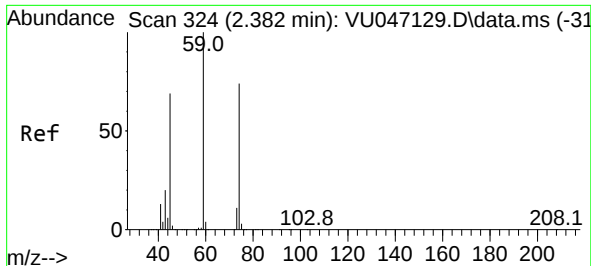


#22
cis-1,2-Dichloroethene
Concen: 1.882 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37



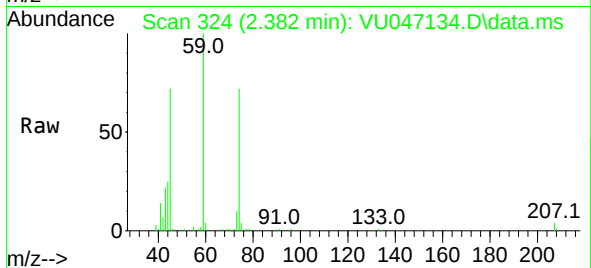
Tgt Ion: 96 Resp: 30750
Ion Ratio Lower Upper
96 100
61 143.0 0.0 385.3
98 64.8 32.1 96.3





#23
Diethyl Ether
Concen: 1.900 ug/l
RT: 2.382 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

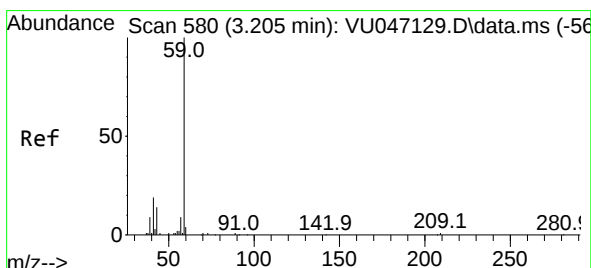
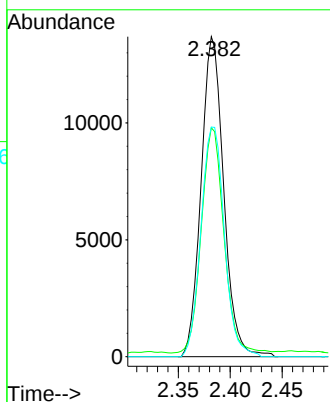
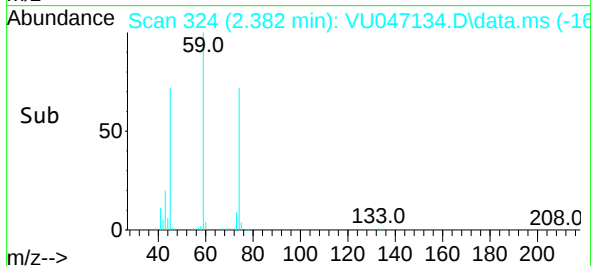
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



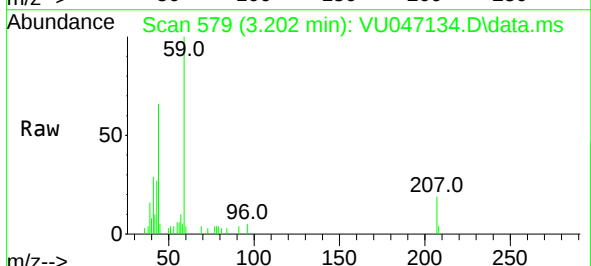
Tgt Ion: 59 Resp: 20675
Ion Ratio Lower Upper
59 100
45 70.0 55.6 83.4
74 74.4 58.1 87.1

Manual Integrations
APPROVED

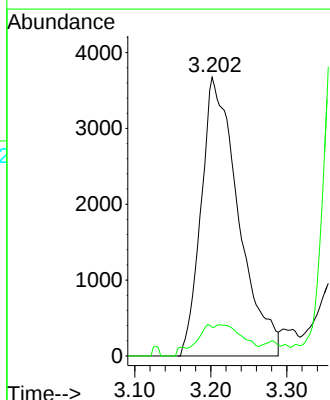
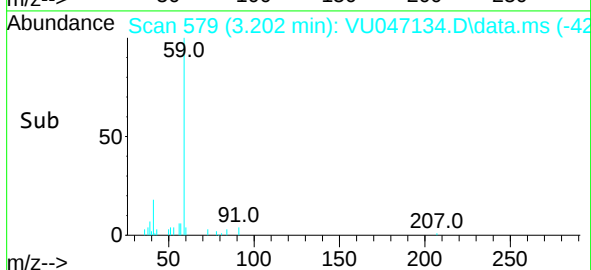
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

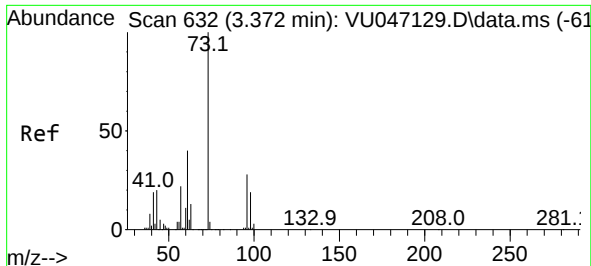


#24
tert-Butyl Alcohol
Concen: 17.652 ug/l
RT: 3.202 min Scan# 579
Delta R.T. -0.003 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37



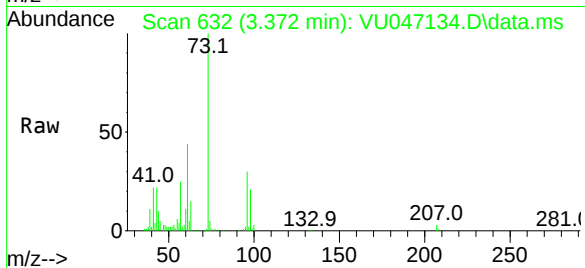
Tgt Ion: 59 Resp: 12490
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 1.829 ug/l
RT: 3.372 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

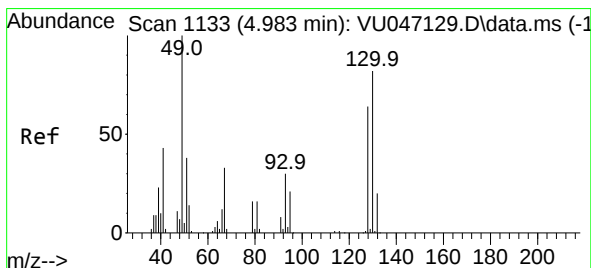
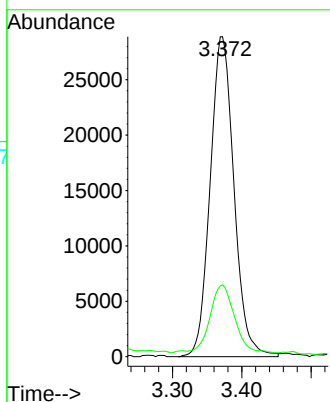
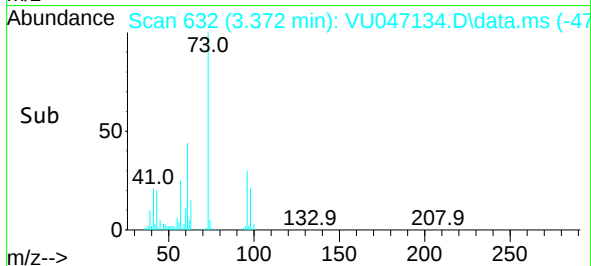
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



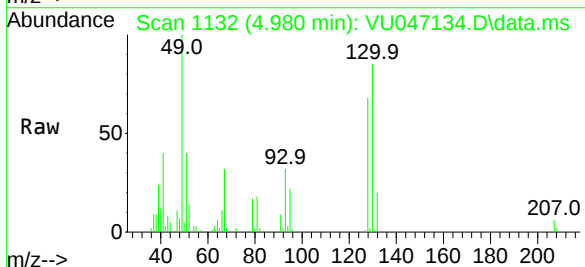
Tgt Ion: 73 Resp: 69049
Ion Ratio Lower Upper
73 100
43 22.1 16.3 24.5

Manual Integrations
APPROVED

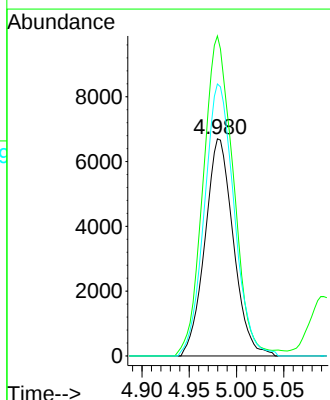
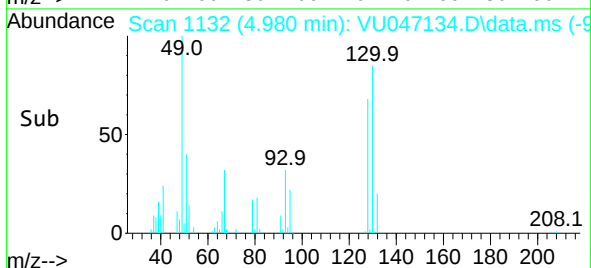
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

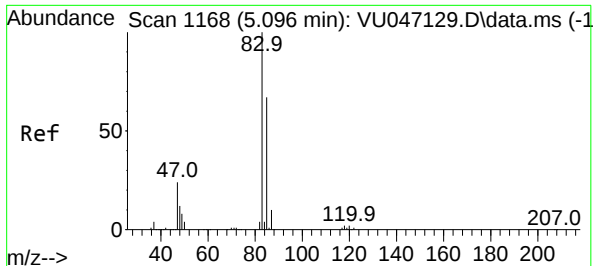


#26
Bromochloromethane
Concen: 1.905 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37



Tgt Ion:128 Resp: 14000
Ion Ratio Lower Upper
128 100
49 155.3 0.0 347.4
130 131.1 101.5 152.3





#27

Chloroform

Concen: 1.915 ug/l

RT: 5.096 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU047134.D

Acq: 14 Feb 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

VU0214WBSD01

Tgt Ion: 83 Resp: 50570

Ion Ratio Lower Upper

83 100

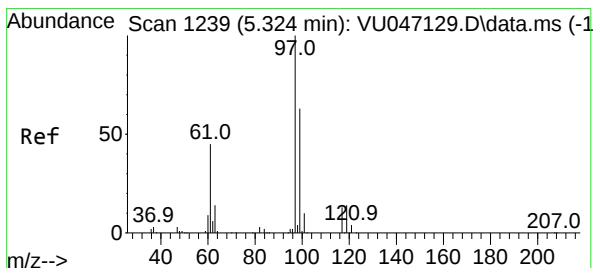
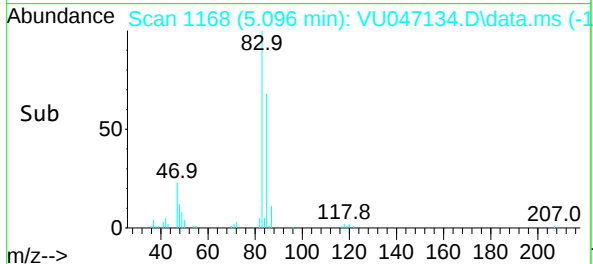
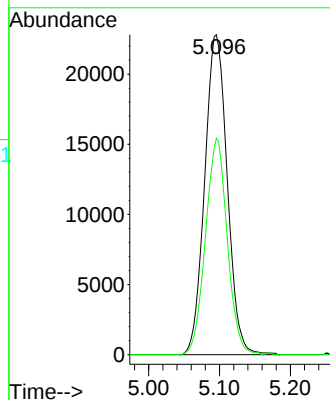
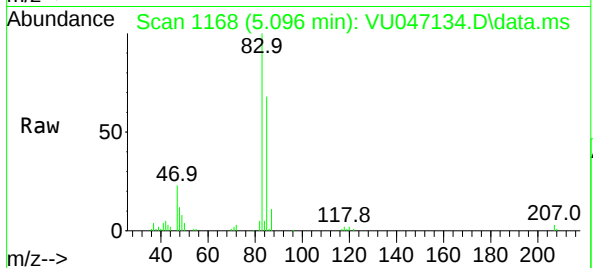
85 67.6 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#28

1,1,1-Trichloroethane

Concen: 1.902 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU047134.D

Acq: 14 Feb 2022 15:37

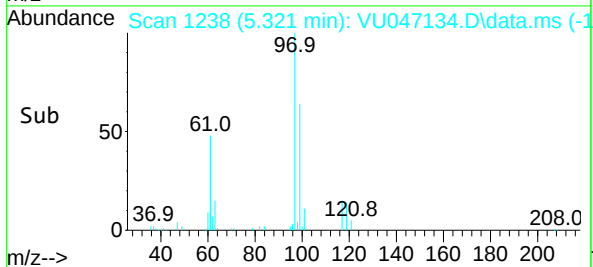
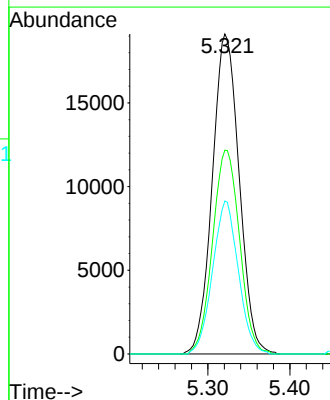
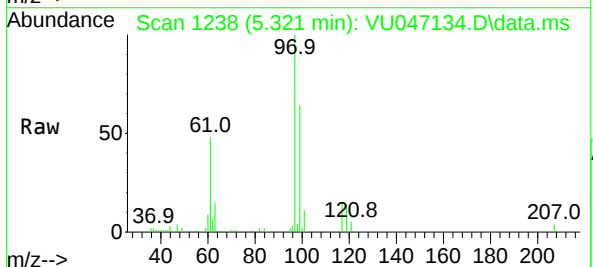
Tgt Ion: 97 Resp: 43483

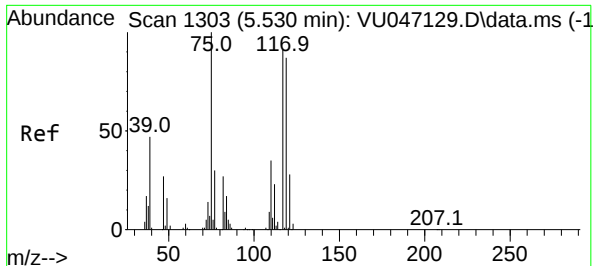
Ion Ratio Lower Upper

97 100

99 64.0 32.2 96.6

61 45.8 24.5 73.5





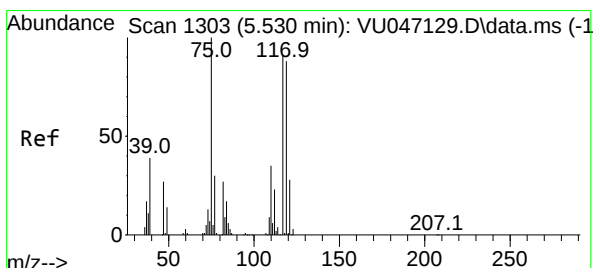
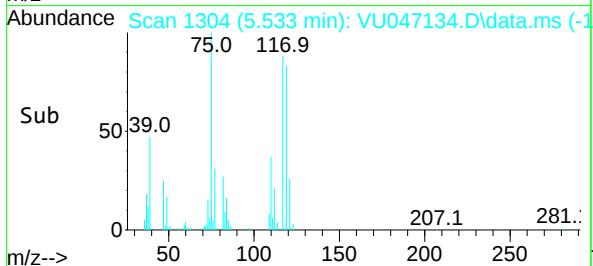
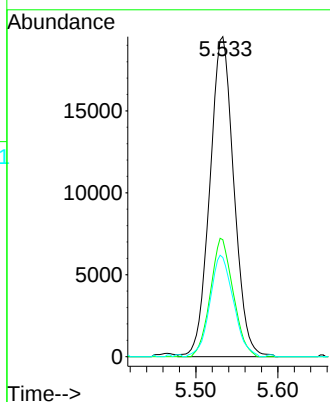
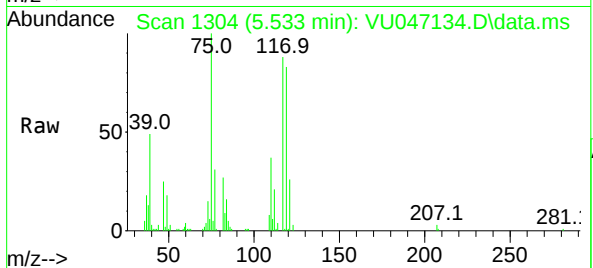
#29
1,1-Dichloropropene
Concen: 1.902 ug/l
RT: 5.533 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01

Tgt Ion: 75 Resp: 39800
Ion Ratio Lower Upper
75 100
110 34.9 16.8 50.3
77 31.0 24.7 37.1

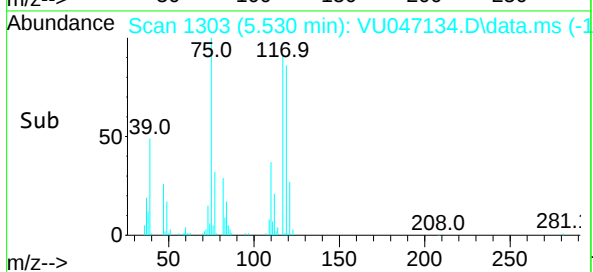
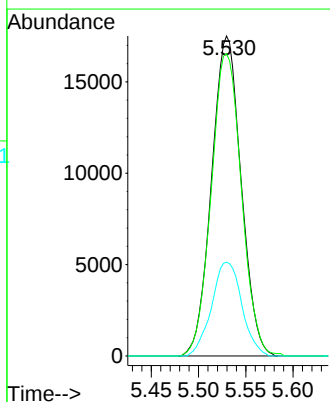
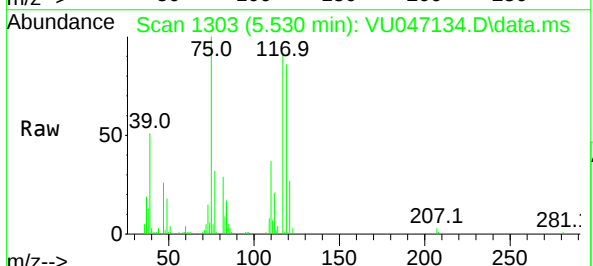
Manual Integrations
APPROVED

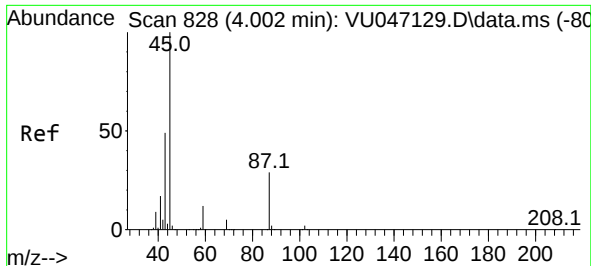
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#30
Carbon Tetrachloride
Concen: 1.890 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

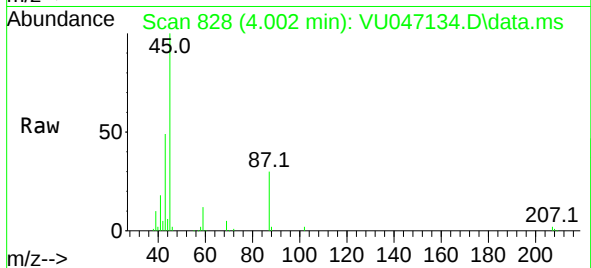
Tgt Ion:117 Resp: 37992
Ion Ratio Lower Upper
117 100
119 94.5 76.8 115.2
121 29.3 24.6 37.0





#31
Isopropyl Ether
Concen: 1.890 ug/l
RT: 4.002 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

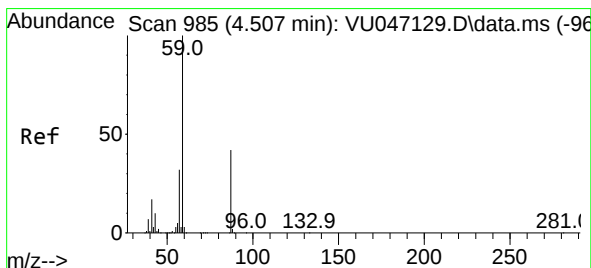
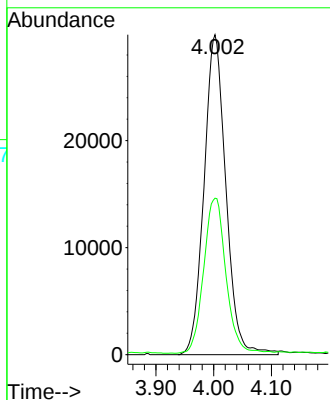
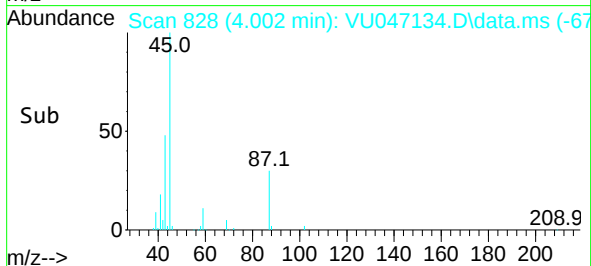
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



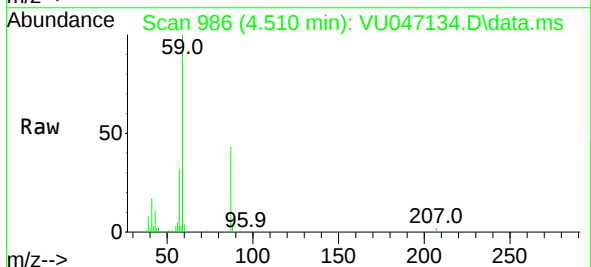
Tgt Ion: 45 Resp: 78680
Ion Ratio Lower Upper
45 100
43 49.1 25.3 75.8

Manual Integrations
APPROVED

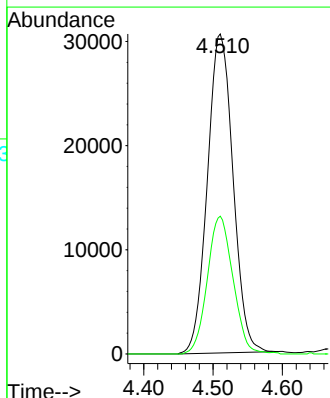
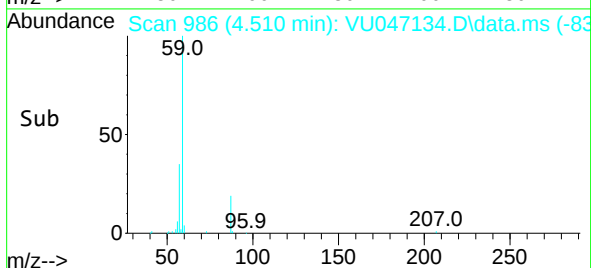
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

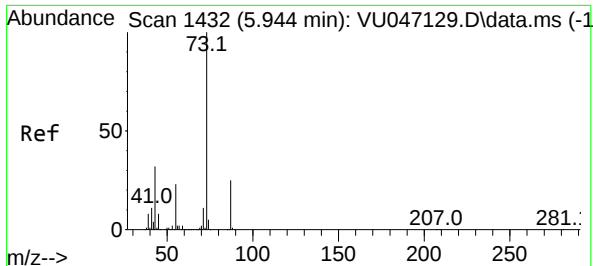


#32
Ethyl-t-butyl ether
Concen: 1.863 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37



Tgt Ion: 59 Resp: 78830
Ion Ratio Lower Upper
59 100
87 42.6 32.7 49.1





#33

Tert-Amyl methyl ether

Concen: 1.880 ug/l

RT: 5.944 min Scan# 1432

Delta R.T. -0.000 min

Lab File: VU047134.D

Acq: 14 Feb 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

VU0214WBSD01

Tgt Ion: 73 Resp: 73300

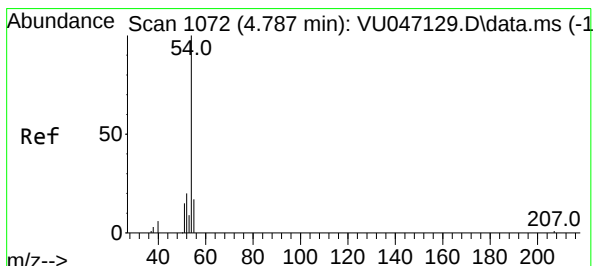
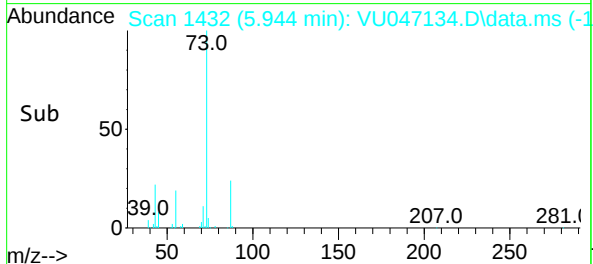
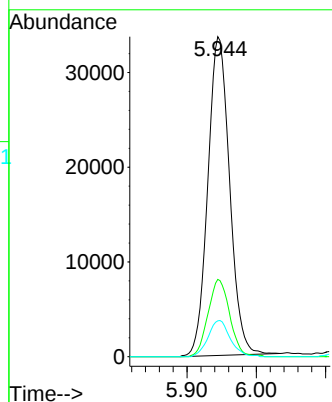
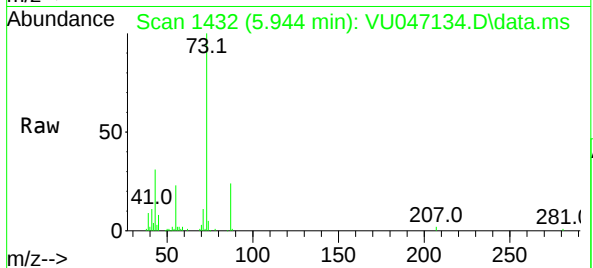
Ion	Ratio	Lower	Upper
73	100		
87	23.6	18.6	28.0
71	11.0	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#34

Propionitrile

Concen: 7.977 ug/l

RT: 4.796 min Scan# 1075

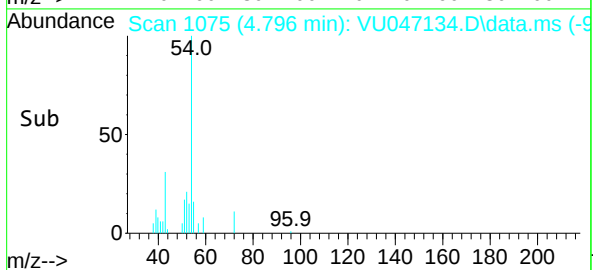
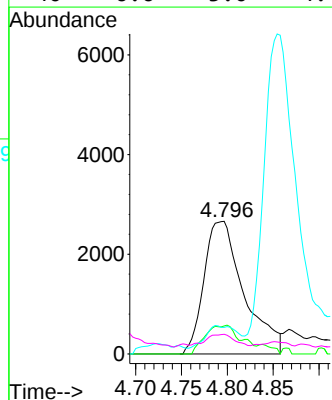
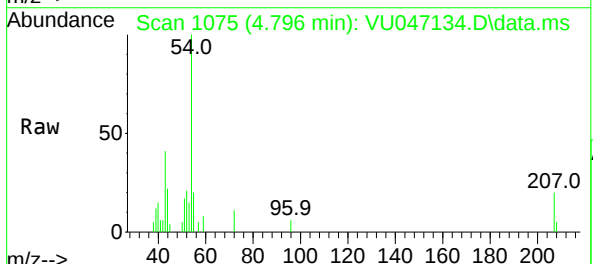
Delta R.T. 0.009 min

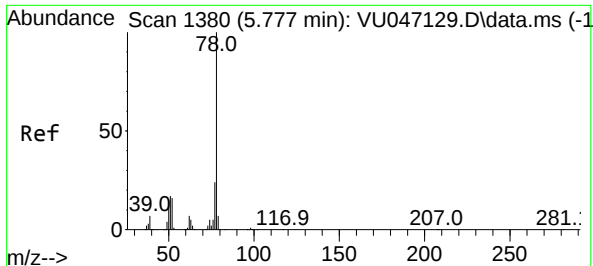
Lab File: VU047134.D

Acq: 14 Feb 2022 15:37

Tgt Ion: 54 Resp: 8058

Ion	Ratio	Lower	Upper
54	100		
52	16.6	11.9	17.9
55	13.4	8.0	12.0#
40	6.6	3.0	4.4#





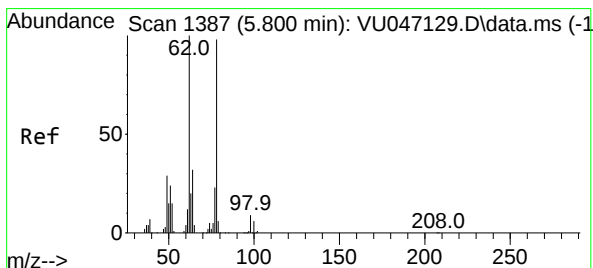
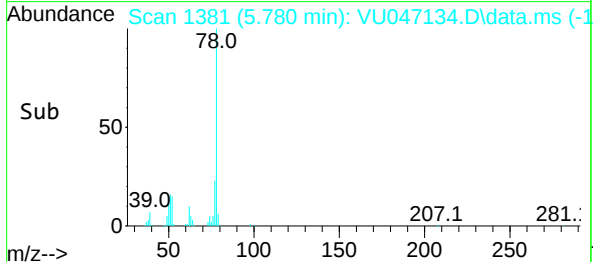
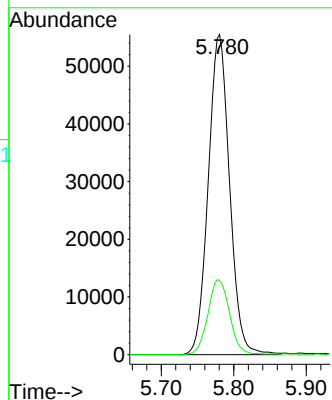
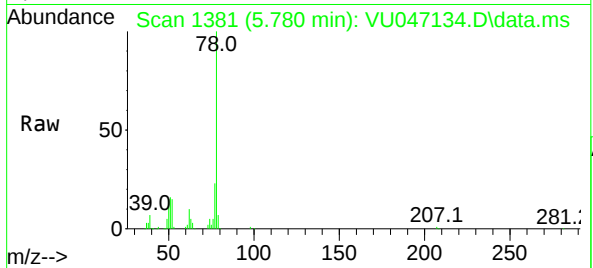
#35
Benzene
Concen: 1.931 ug/l
RT: 5.780 min Scan# 11327
Delta R.T. 0.003 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01

Tgt Ion: 78 Resp: 11327
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7

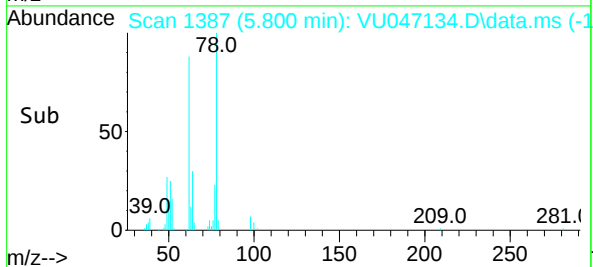
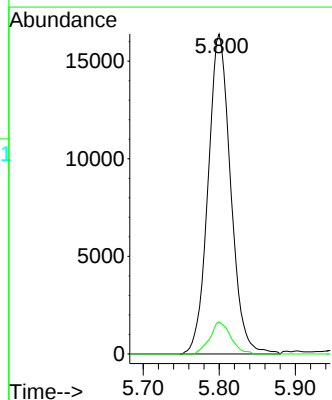
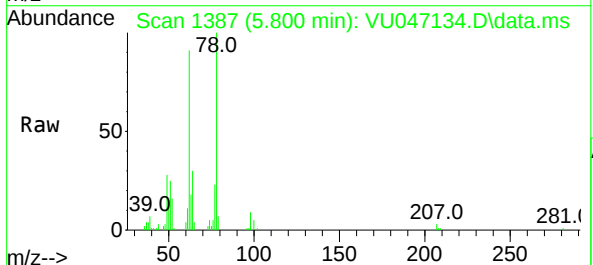
Manual Integrations
APPROVED

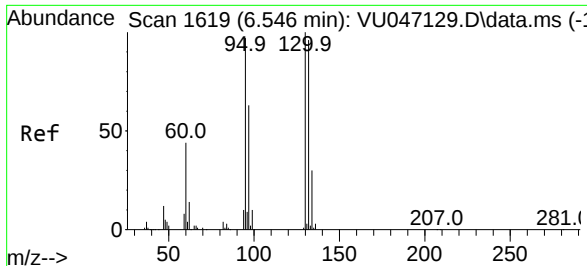
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#36
1,2-Dichloroethane
Concen: 1.904 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

Tgt Ion: 62 Resp: 33820
Ion Ratio Lower Upper
62 100
98 9.2 7.3 10.9





#37

Trichloroethene

Concen: 1.908 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU047134.D

Acq: 14 Feb 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

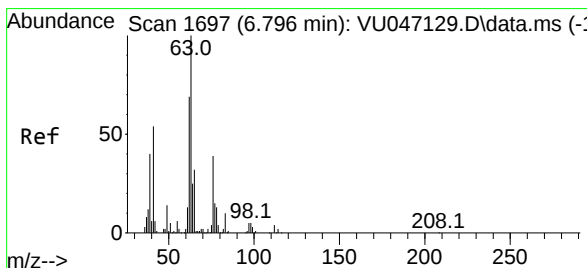
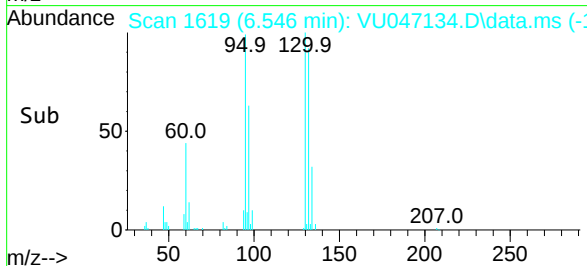
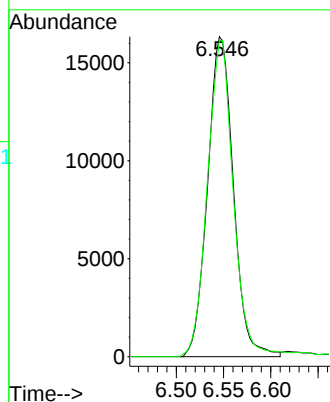
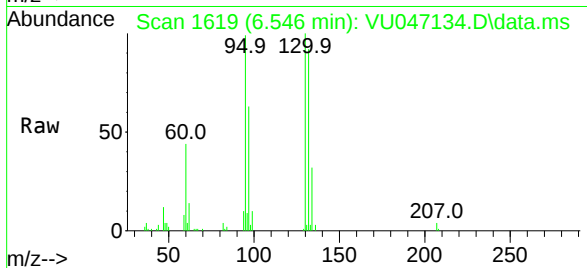
VU0214WBSD01

Tgt Ion:130 Resp: 30994
 Ion Ratio Lower Upper
 130 100
 95 98.8 83.8 125.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022



#38

1,2-Dichloropropane

Concen: 1.923 ug/l

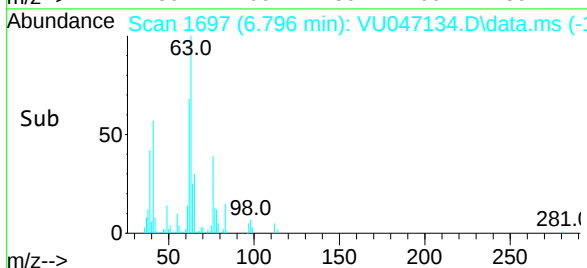
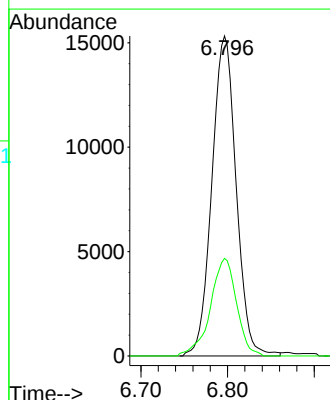
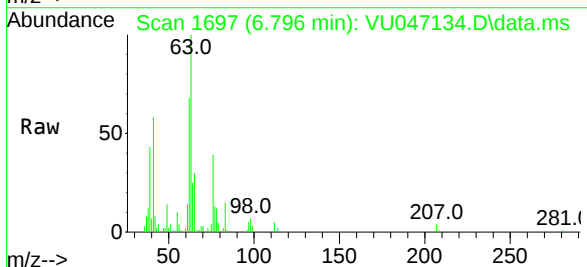
RT: 6.796 min Scan# 1697

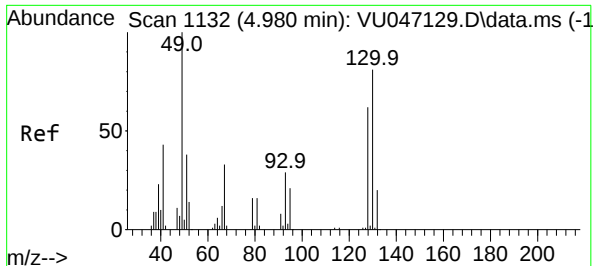
Delta R.T. -0.000 min

Lab File: VU047134.D

Acq: 14 Feb 2022 15:37

Tgt Ion: 63 Resp: 29854
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1





#39

Methacrylonitrile

Concen: 1.678 ug/l

RT: 4.983 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU047134.D

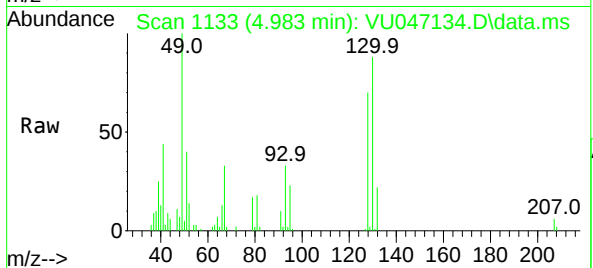
Acq: 14 Feb 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

VU0214WBSD01



Tgt Ion: 41 Resp: 897

Ion Ratio Lower Upper

41 100

67 84.9 65.2 97.8

39 62.4 43.0 64.6

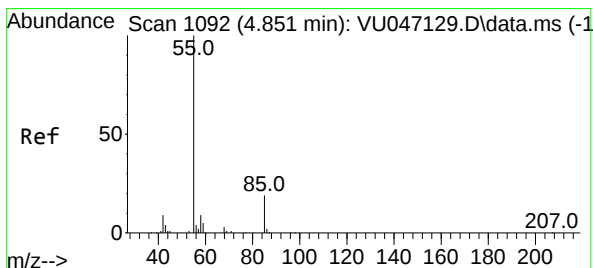
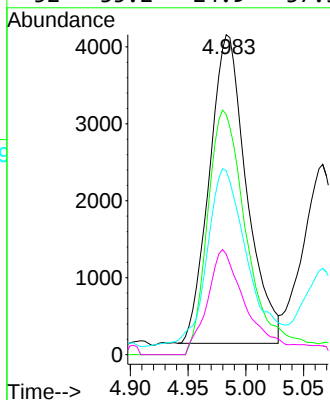
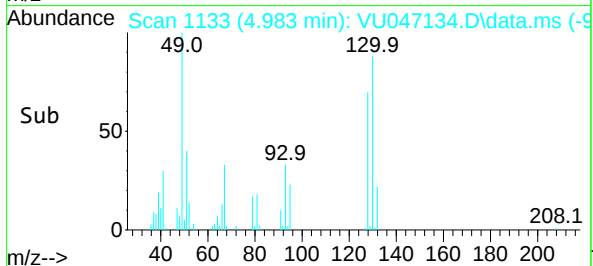
52 35.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#40

Methyl acrylate

Concen: 1.652 ug/l

RT: 4.854 min Scan# 1093

Delta R.T. 0.003 min

Lab File: VU047134.D

Acq: 14 Feb 2022 15:37

Tgt Ion: 55 Resp: 14937

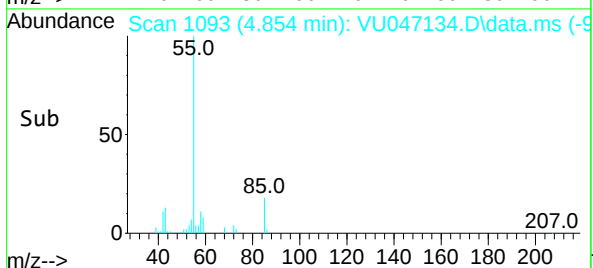
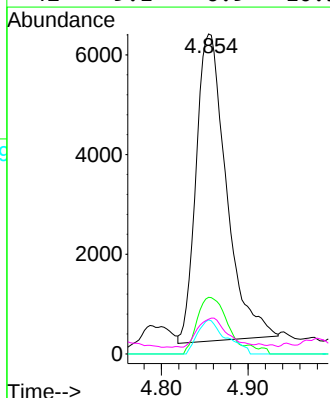
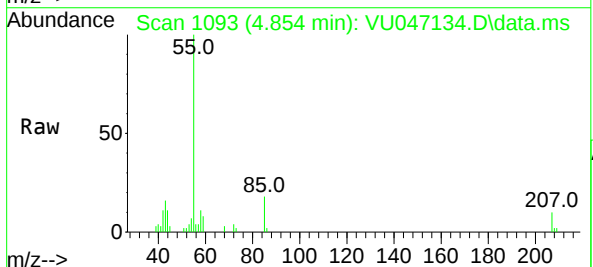
Ion Ratio Lower Upper

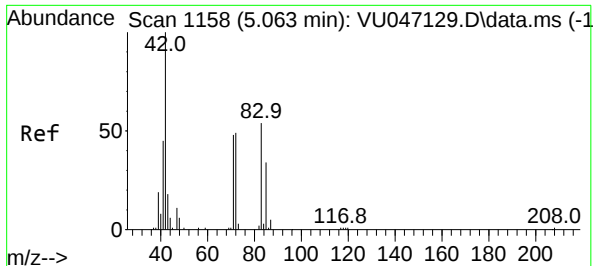
55 100

85 18.1 12.2 18.2

58 10.4 6.7 10.1#

42 9.1 6.9 10.3





#41

Tetrahydrofuran

Concen: 3.255 ug/l

RT: 5.063 min Scan# 1158

Delta R.T. -0.000 min

Lab File: VU047134.D

Acq: 14 Feb 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

VU0214WBSD01

Tgt Ion: 42 Resp: 8870

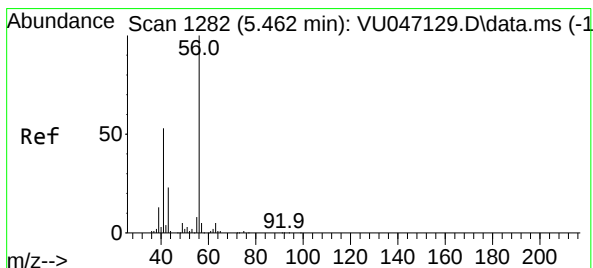
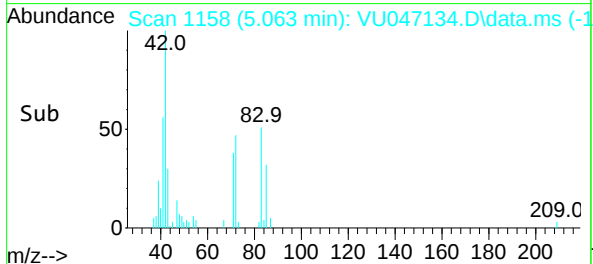
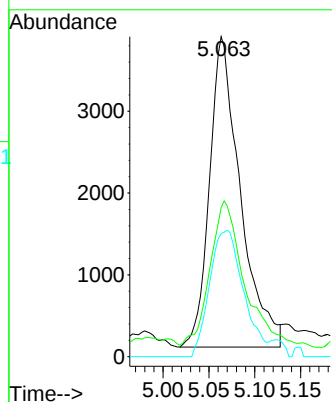
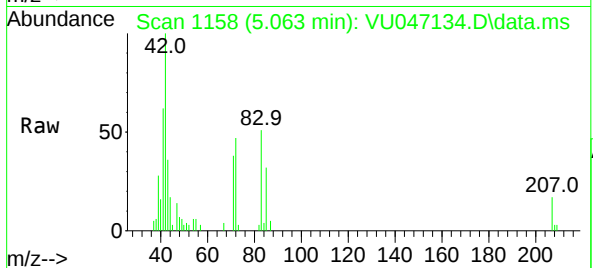
Ion	Ratio	Lower	Upper
42	100		
72	50.4	42.4	63.6
71	44.7	36.4	54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#42

1-Chlorobutane

Concen: 1.903 ug/l

RT: 5.465 min Scan# 1283

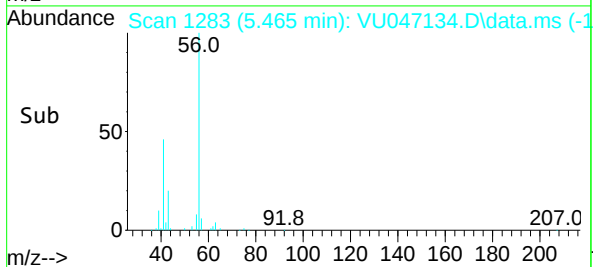
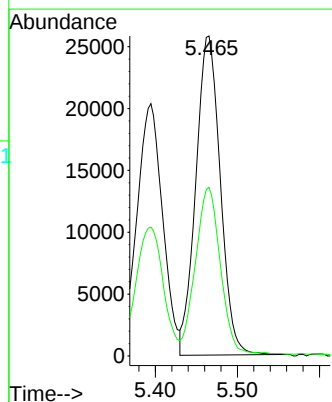
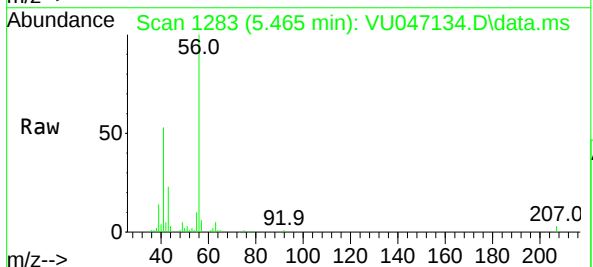
Delta R.T. 0.003 min

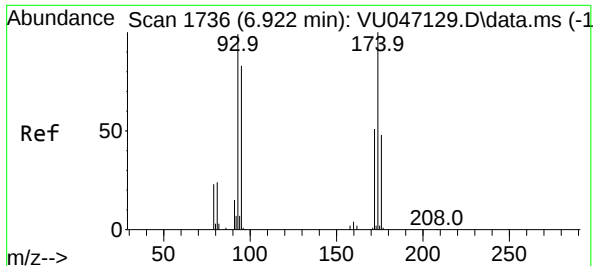
Lab File: VU047134.D

Acq: 14 Feb 2022 15:37

Tgt Ion: 56 Resp: 53473

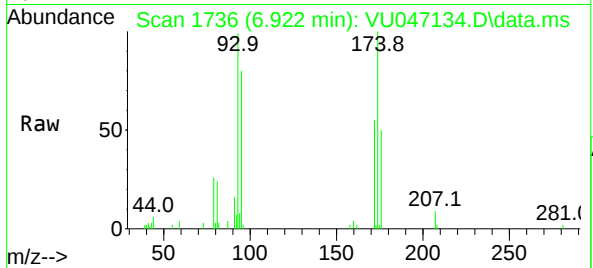
Ion	Ratio	Lower	Upper
56	100		
41	51.9	26.0	78.0





#43
Dibromomethane
Concen: 1.895 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

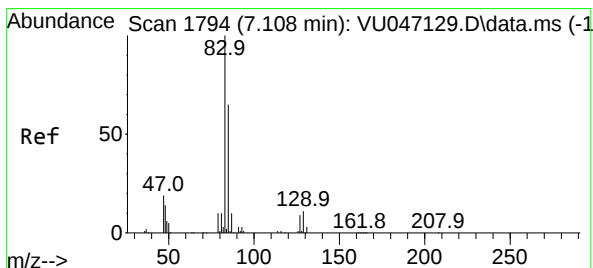
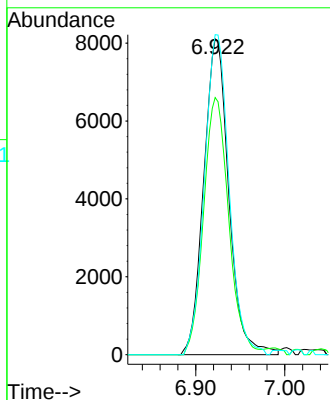
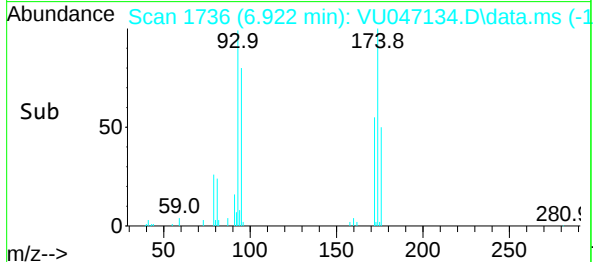
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



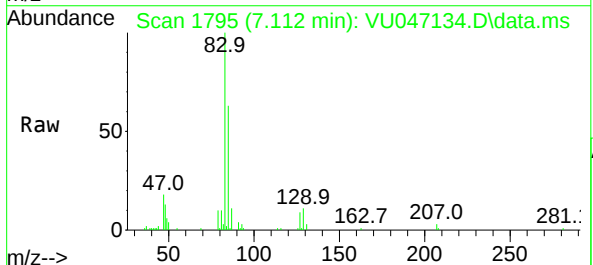
Tgt Ion: 93 Resp: 1586
Ion Ratio Lower Upper
93 100
95 81.5 66.2 99.2
174 99.4 70.7 106.1

Manual Integrations
APPROVED

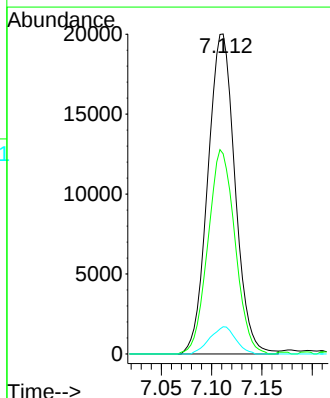
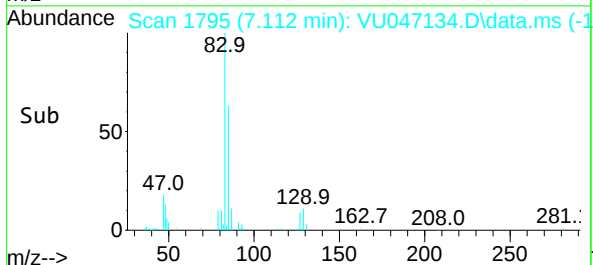
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

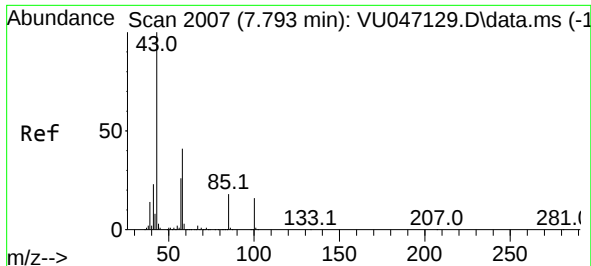


#44
Bromodichloromethane
Concen: 1.900 ug/l
RT: 7.112 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37



Tgt Ion: 83 Resp: 37628
Ion Ratio Lower Upper
83 100
85 62.5 50.9 76.3
127 8.5 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 9.287 ug/l

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047134.D

Acq: 14 Feb 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

VU0214WBSD01

Tgt Ion: 43 Resp: 10515

Ion Ratio Lower Upper

43 100

58 36.7 21.0 63.0

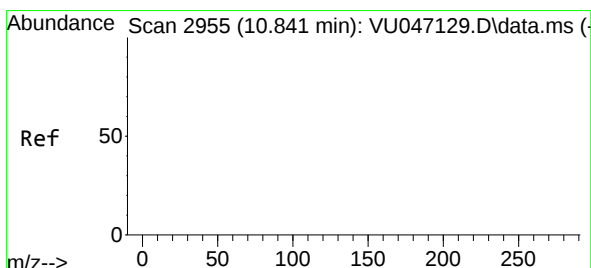
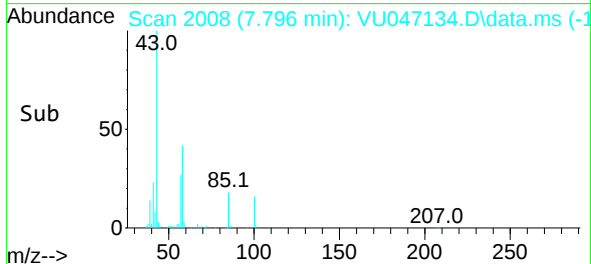
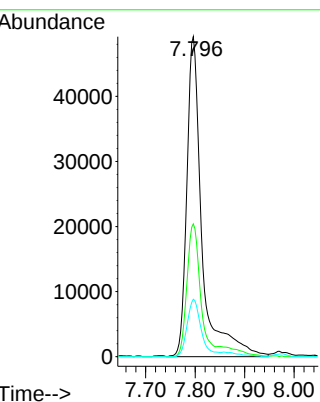
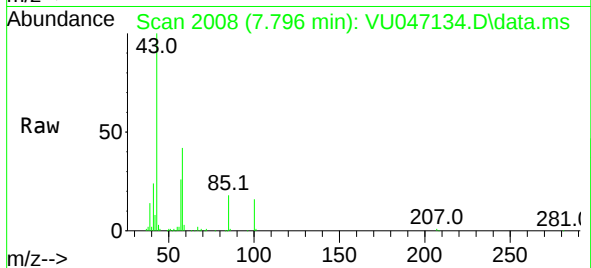
85 16.7 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#46

t-1,4-Dichloro-2-butene

Concen: 3.427 ug/l m

RT: 10.838 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VU047134.D

Acq: 14 Feb 2022 15:37

Tgt Ion: 75 Resp: 16890

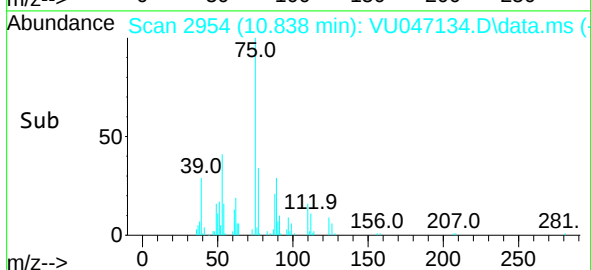
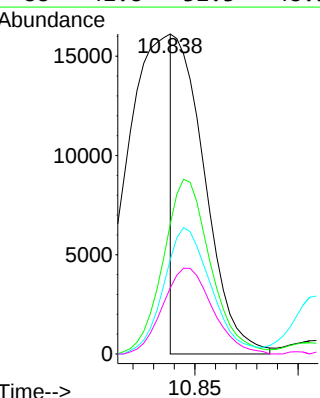
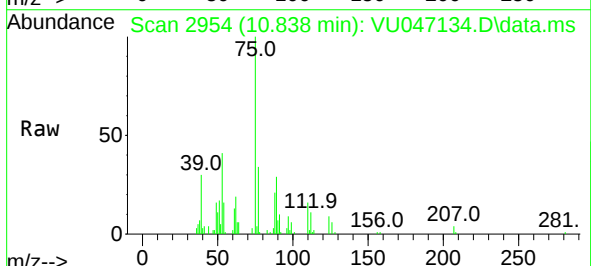
Ion Ratio Lower Upper

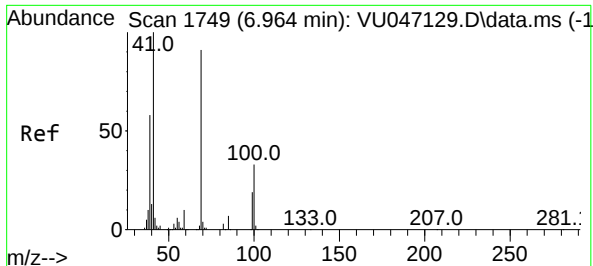
75 100

53 82.9 66.8 100.2

89 60.2 41.7 62.5

88 42.8 32.3 48.5





#47

Methyl methacrylate

Concen: 3.626 ug/l

RT: 6.967 min Scan# 1749

Delta R.T. 0.003 min

Lab File: VU047134.D

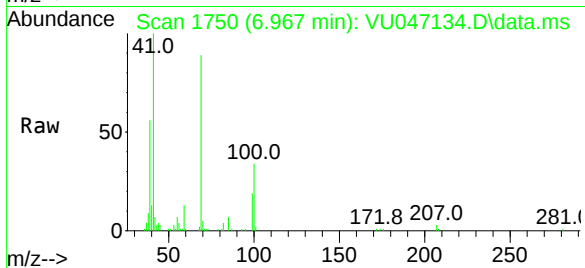
Acq: 14 Feb 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

VU0214WBSD01



Tgt Ion: 69 Resp: 31840

Ion Ratio Lower Upper

69 100

41 109.0 0.0 230.0

39 61.9 55.1 82.7

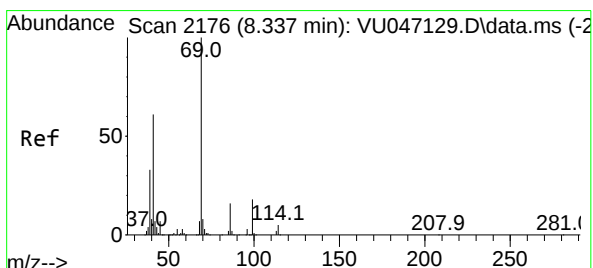
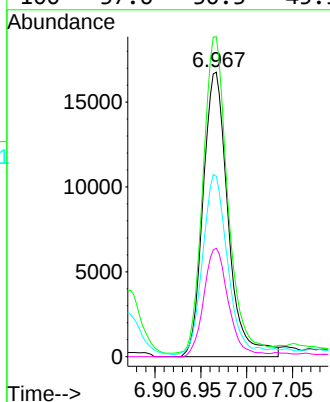
100 37.6 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#48

Ethyl methacrylate

Concen: 1.878 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. -0.000 min

Lab File: VU047134.D

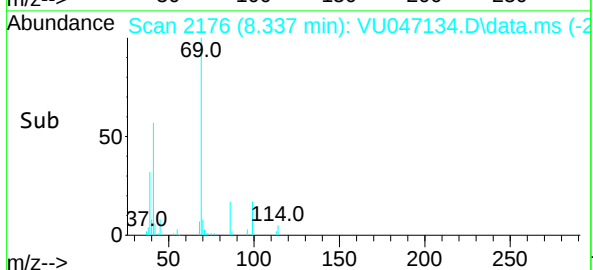
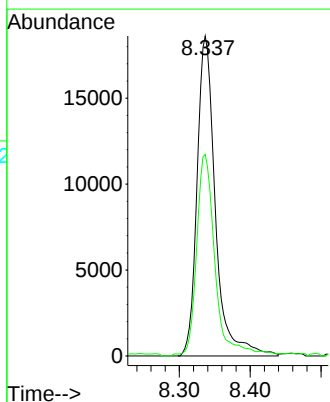
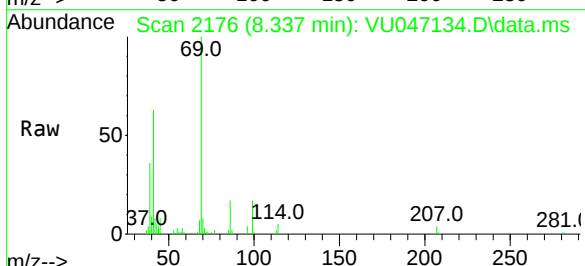
Acq: 14 Feb 2022 15:37

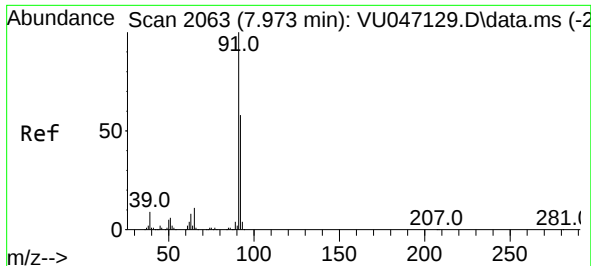
Tgt Ion: 69 Resp: 33426

Ion Ratio Lower Upper

69 100

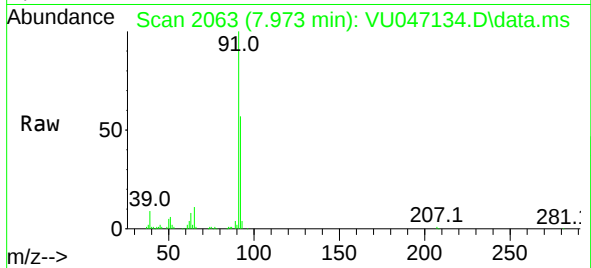
41 62.5 32.6 98.0





#49
Toluene
Concen: 1.912 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

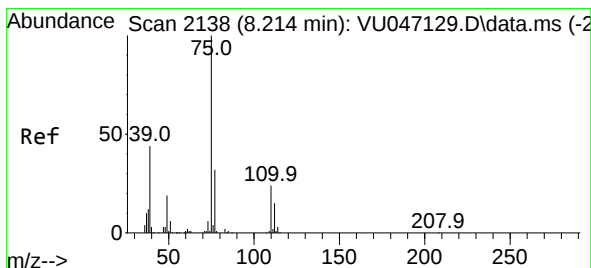
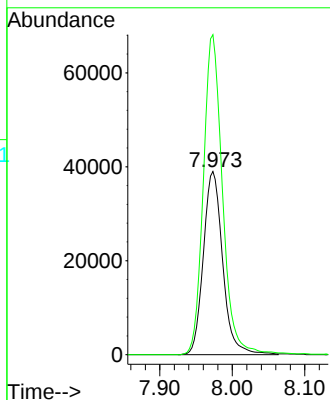
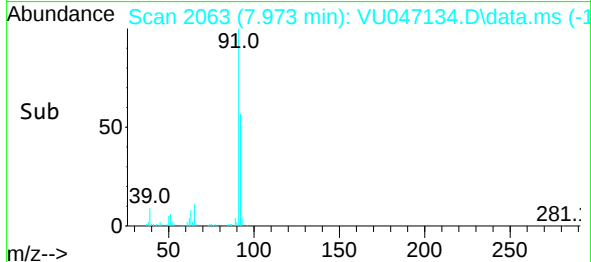
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



Tgt Ion: 92 Resp: 72349
Ion Ratio Lower Upper
92 100
91 173.5 136.8 205.2

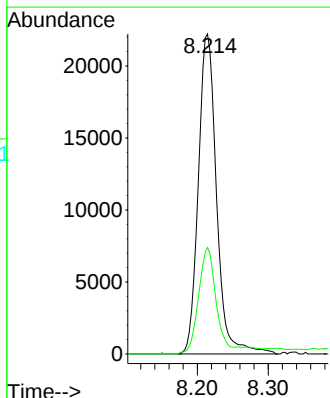
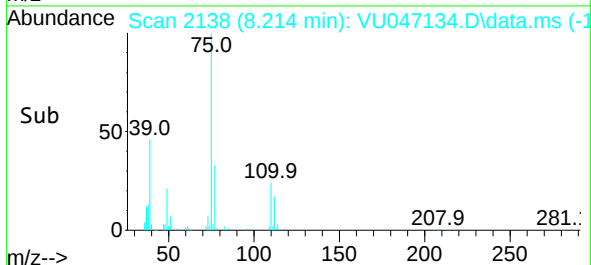
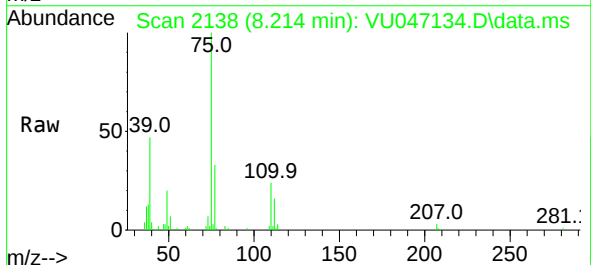
Manual Integrations
APPROVED

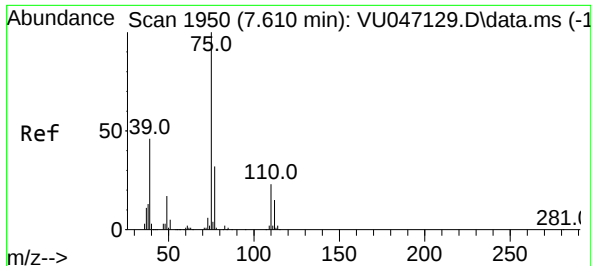
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#50
t-1,3-Dichloropropene
Concen: 1.850 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

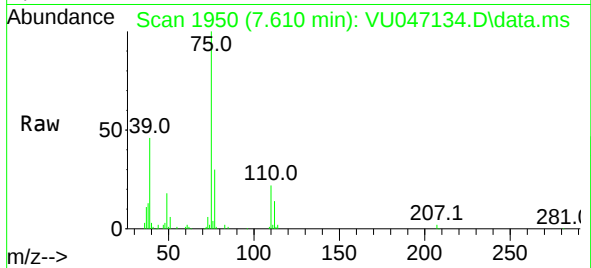
Tgt Ion: 75 Resp: 39648
Ion Ratio Lower Upper
75 100
77 33.2 25.6 38.4





#51
cis-1,3-Dichloropropene
Concen: 1.927 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

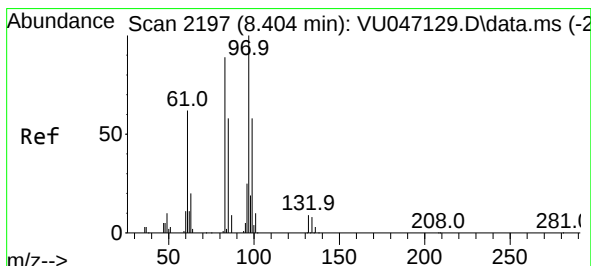
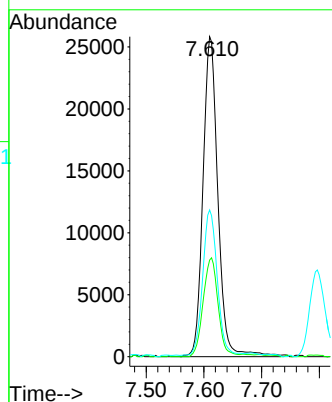
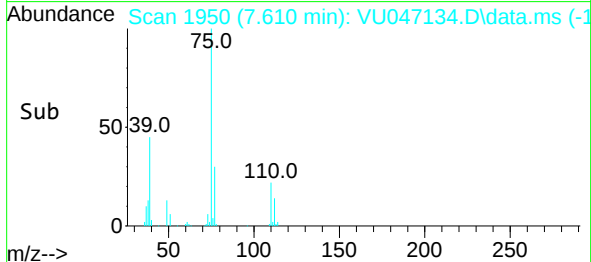
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



Tgt Ion: 75 Resp: 46297
Ion Ratio Lower Upper
75 100
77 30.2 25.2 37.8
39 45.5 38.6 57.8

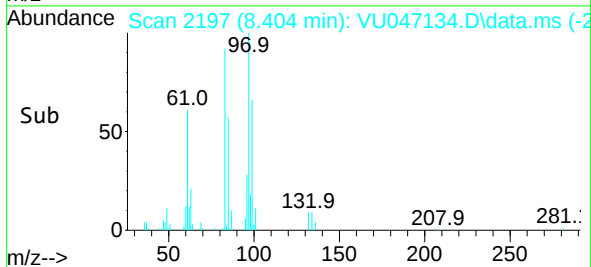
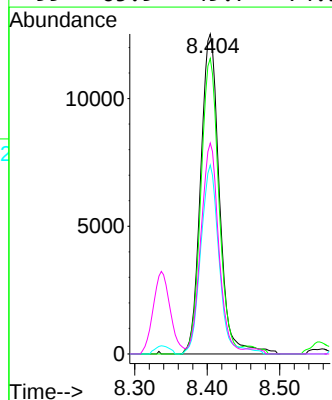
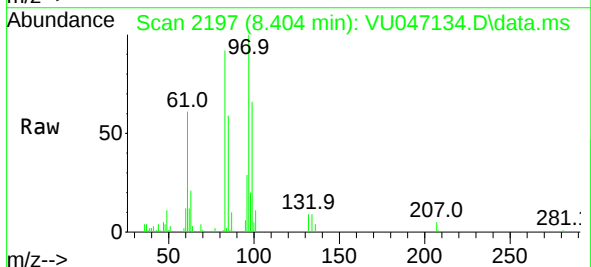
Manual Integrations
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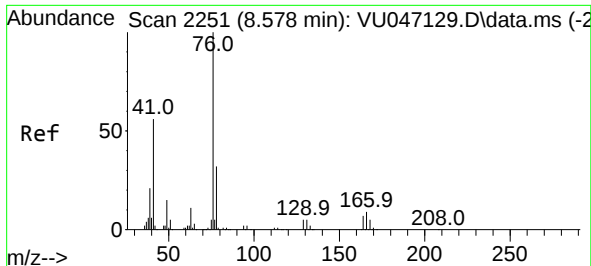
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#52
1,1,2-Trichloroethane
Concen: 1.886 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

Tgt Ion: 97 Resp: 22524
Ion Ratio Lower Upper
97 100
83 92.3 69.8 104.8
85 59.1 44.2 66.4
99 65.9 49.7 74.5





#53

1,3-Dichloropropane

Concen: 1.913 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. -0.000 min

Lab File: VU047134.D

Acq: 14 Feb 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

VU0214WBSD01

Tgt Ion: 76 Resp: 40819

Ion Ratio Lower Upper

76 100

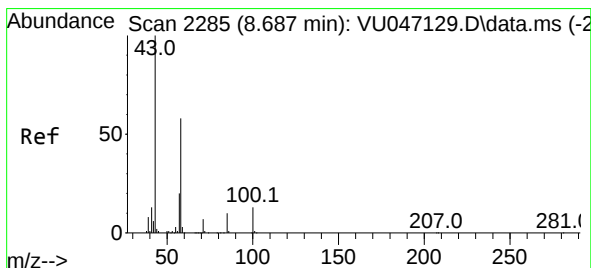
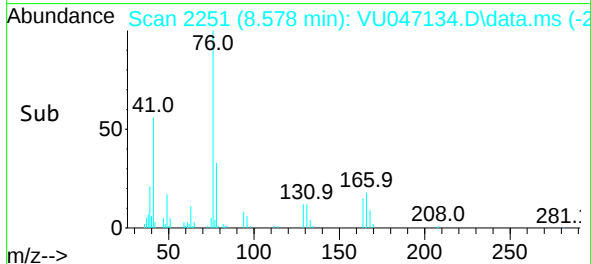
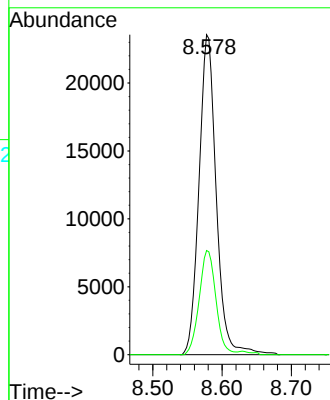
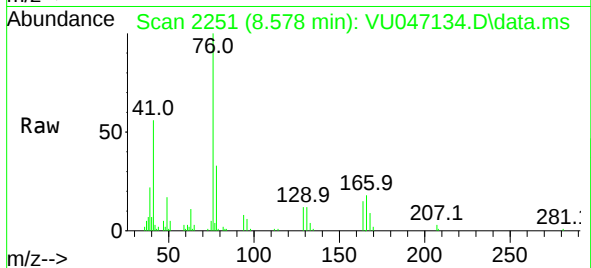
78 31.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#54

2-Hexanone

Concen: 8.668 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VU047134.D

Acq: 14 Feb 2022 15:37

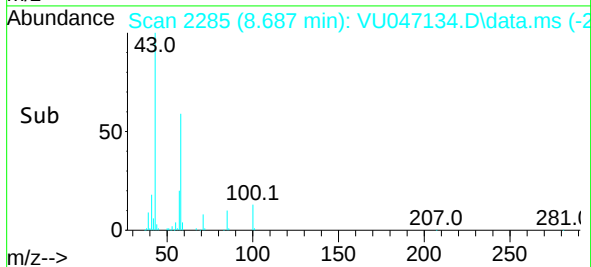
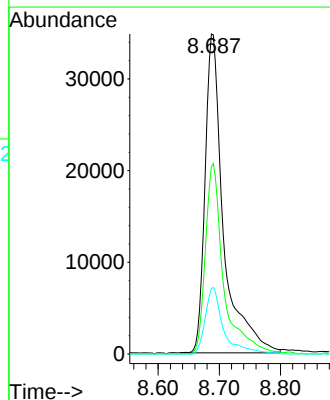
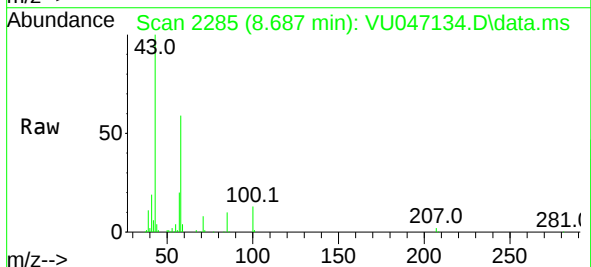
Tgt Ion: 43 Resp: 73117

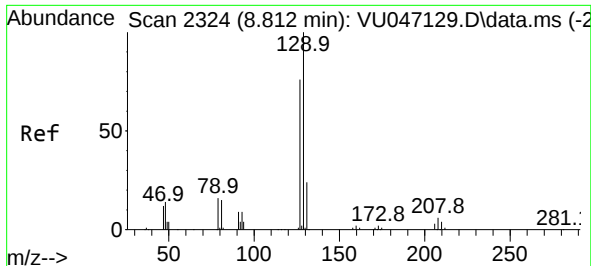
Ion Ratio Lower Upper

43 100

58 58.8 37.7 77.7

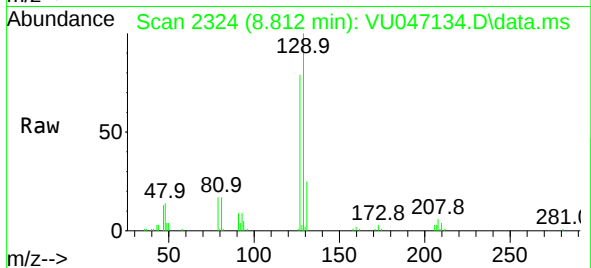
57 20.5 0.5 40.5





#55
Dibromochloromethane
Concen: 1.810 ug/l
RT: 8.812 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

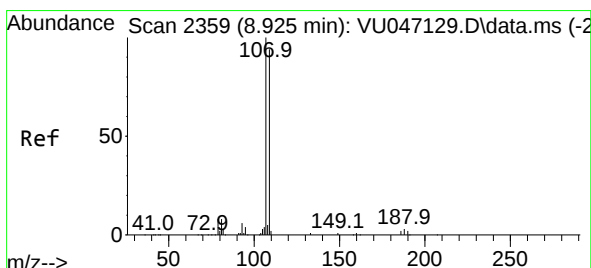
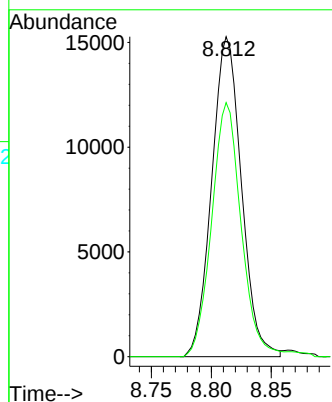
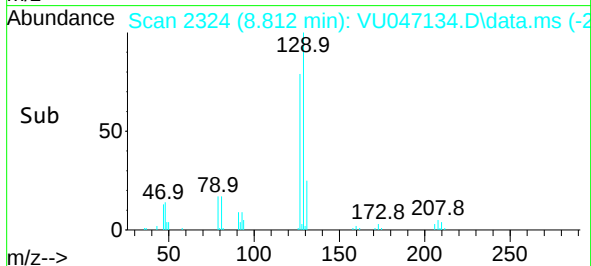
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



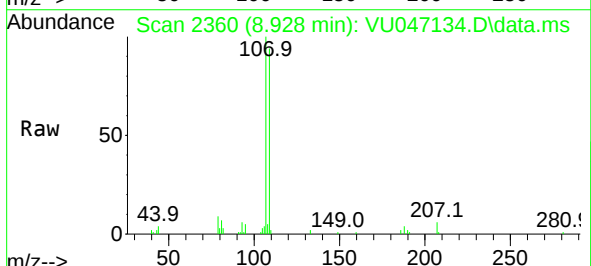
Tgt Ion:129 Resp: 26289
Ion Ratio Lower Upper
129 100
127 79.5 62.2 93.4

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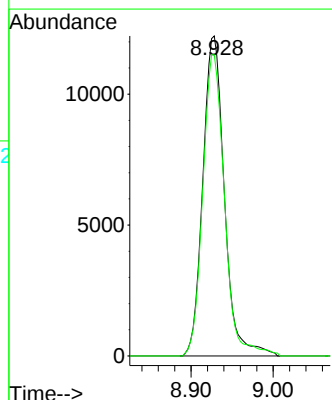
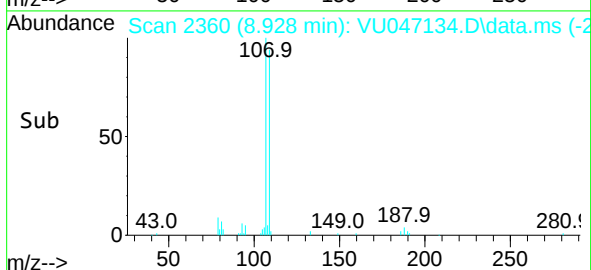
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

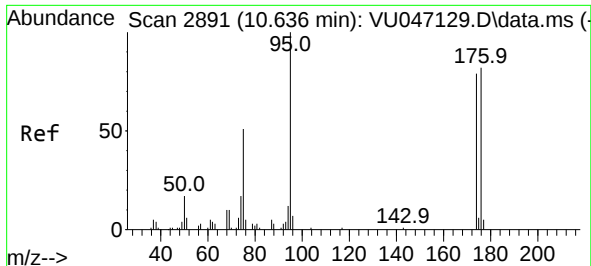


#56
1,2-Dibromoethane
Concen: 1.845 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37



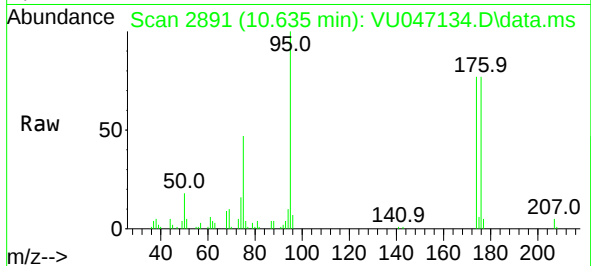
Tgt Ion:107 Resp: 22269
Ion Ratio Lower Upper
107 100
109 95.1 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.992 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

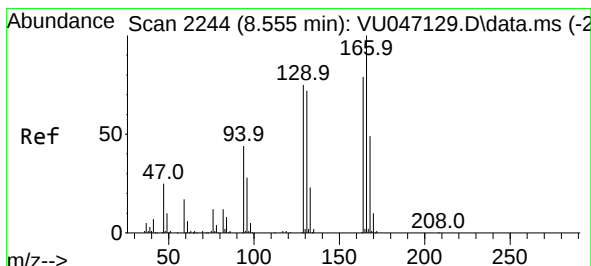
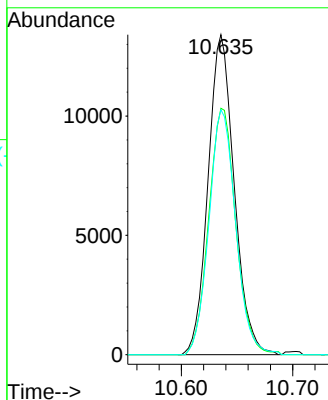
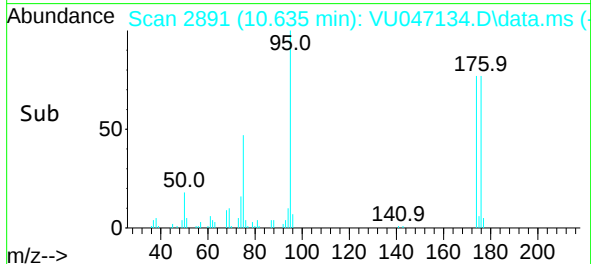
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



Tgt Ion: 95 Resp: 2188
Ion Ratio Lower Upper
95 100
174 80.0 56.6 84.8
176 78.3 54.3 81.5

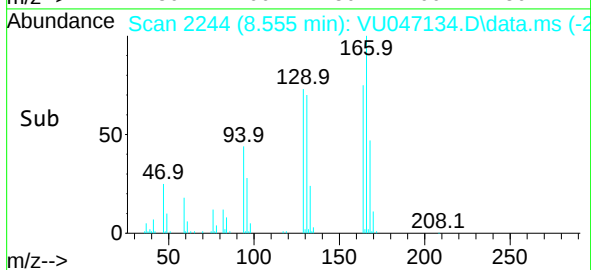
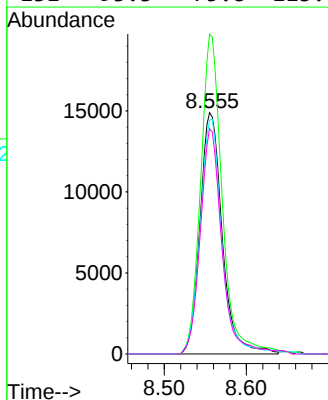
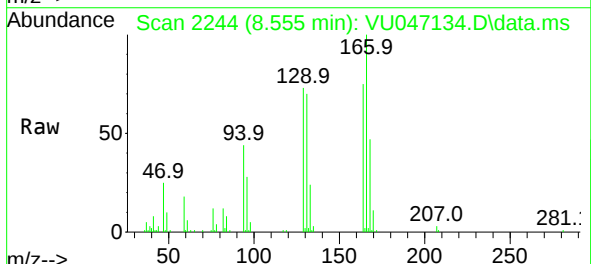
Manual Integrations
APPROVED

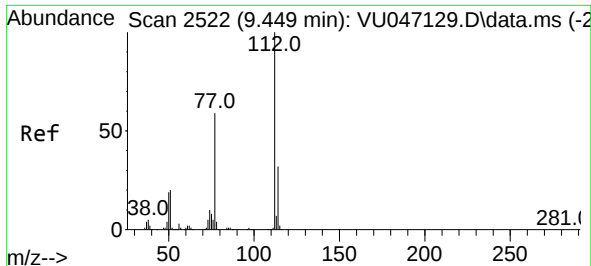
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#58
Tetrachloroethene
Concen: 1.869 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

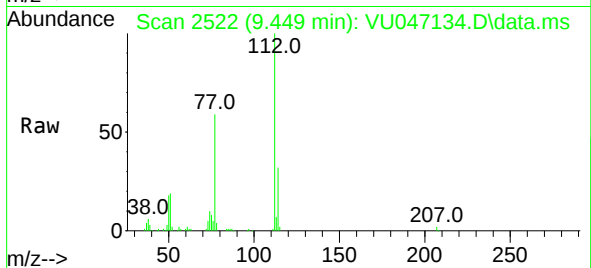
Tgt Ion:164 Resp: 28011
Ion Ratio Lower Upper
164 100
166 132.6 102.0 153.0
129 97.0 77.1 115.7
131 93.3 75.8 113.6





#59
Chlorobenzene
Concen: 1.901 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

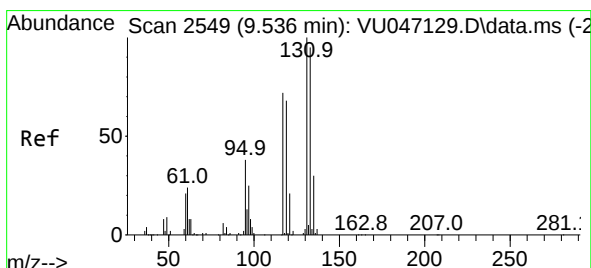
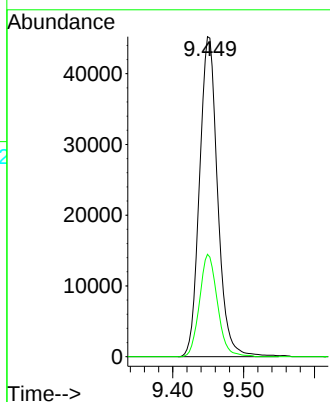
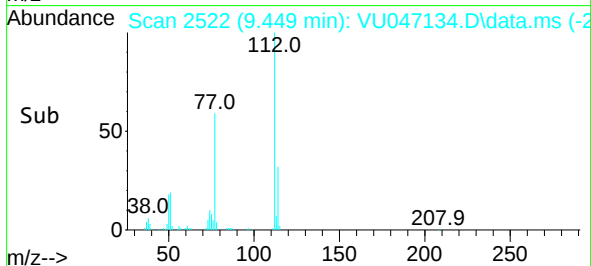
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



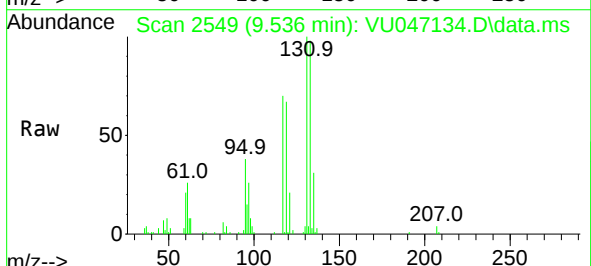
Tgt Ion:112 Resp: 80210
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

Manual Integrations
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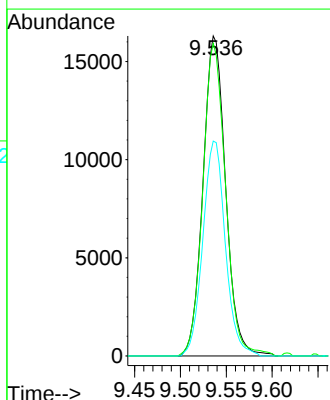
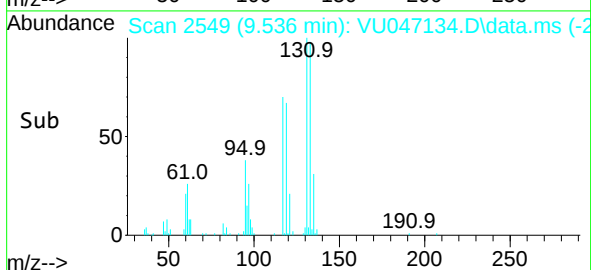
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

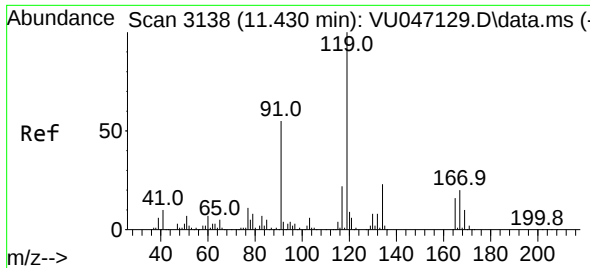


#60
1,1,1,2-Tetrachloroethane
Concen: 1.929 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37



Tgt Ion:131 Resp: 27969
Ion Ratio Lower Upper
131 100
133 98.1 76.0 114.0
119 66.8 54.9 82.3





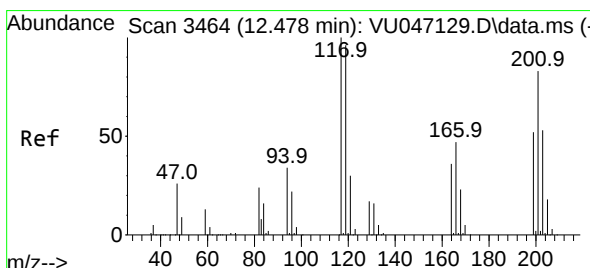
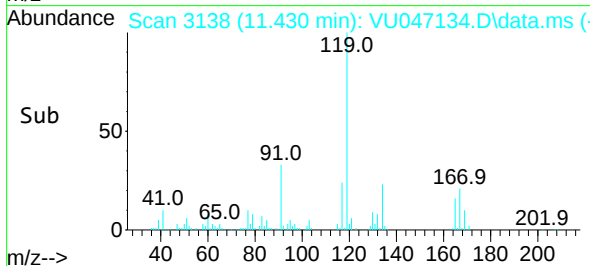
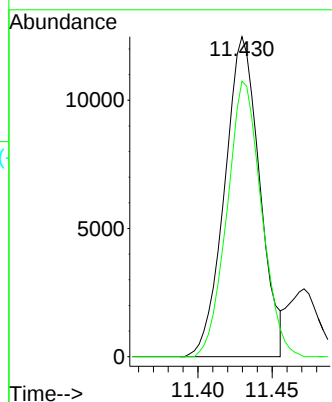
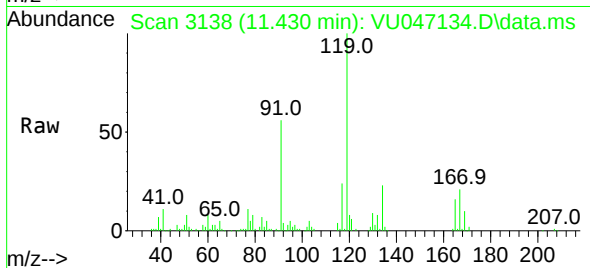
#61
Pentachloroethane
Concen: 1.859 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01

Tgt Ion:117 Resp: 20460
Ion Ratio Lower Upper
117 100
167 84.5 59.7 89.5

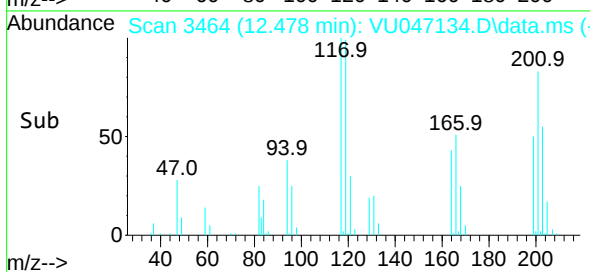
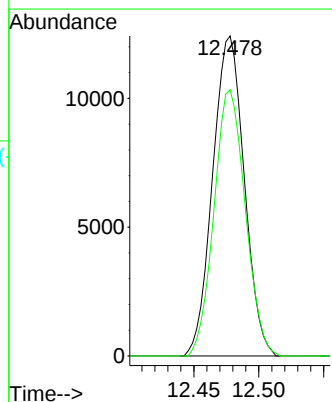
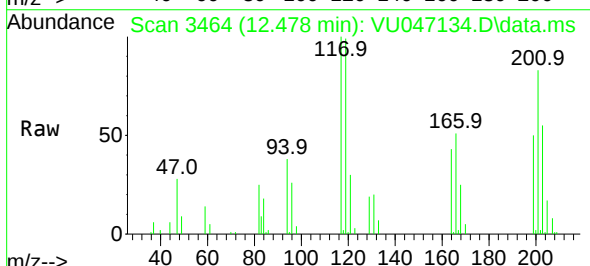
Manual Integrations
APPROVED

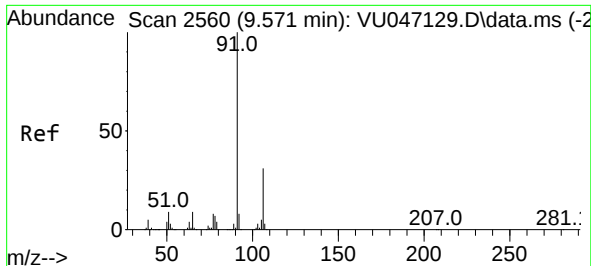
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#62
Hexachloroethane
Concen: 1.766 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

Tgt Ion:117 Resp: 20992
Ion Ratio Lower Upper
117 100
201 82.4 53.6 80.4#





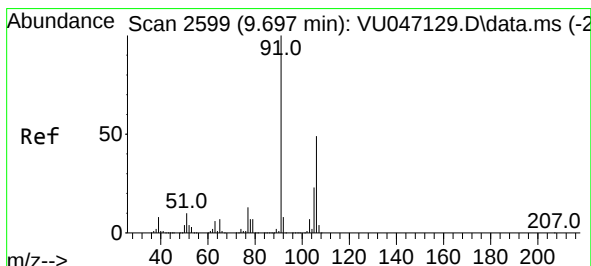
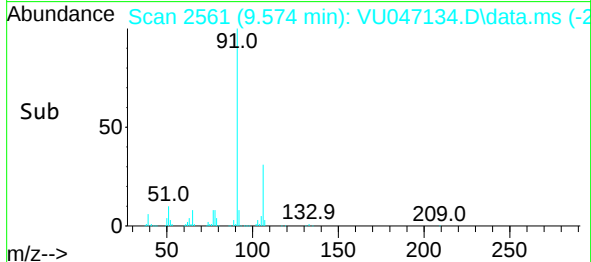
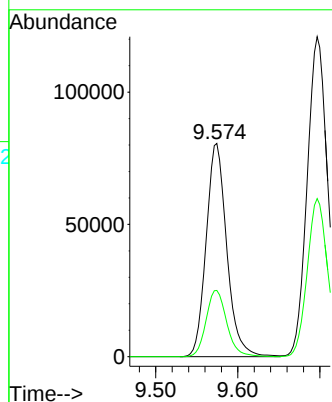
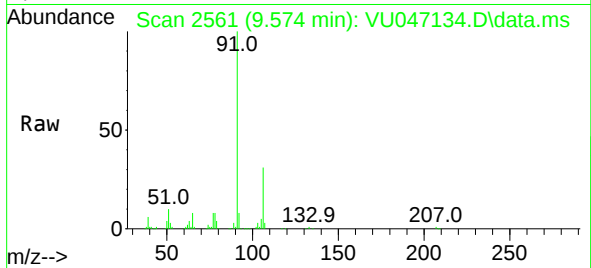
#63
Ethyl Benzene
Concen: 1.898 ug/l
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01

Tgt Ion: 91 Resp: 140758
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6

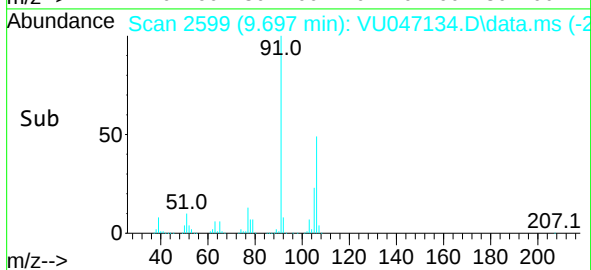
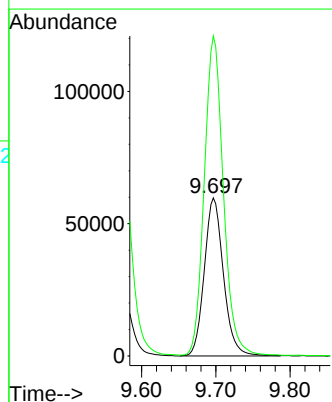
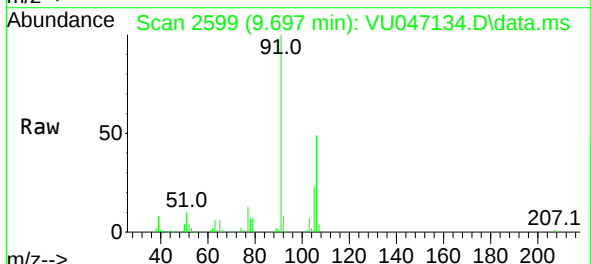
Manual Integrations
APPROVED

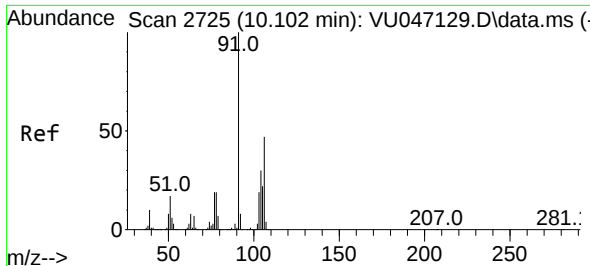
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#64
m/p-Xylenes
Concen: 3.783 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

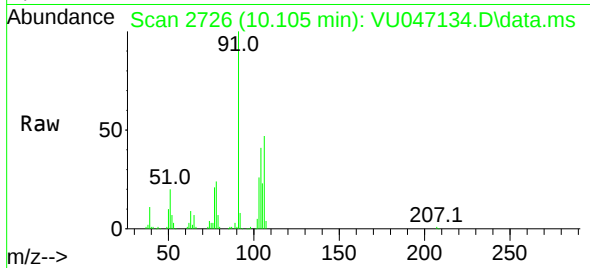
Tgt Ion:106 Resp: 106959
Ion Ratio Lower Upper
106 100
91 201.5 165.5 248.3





#65
o-Xylene
Concen: 1.933 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

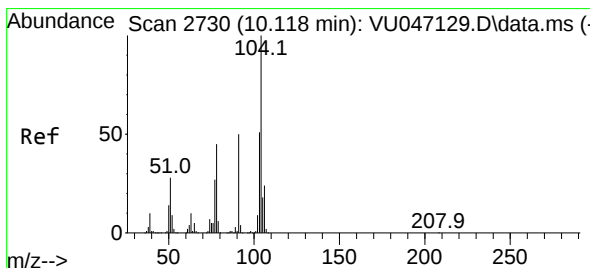
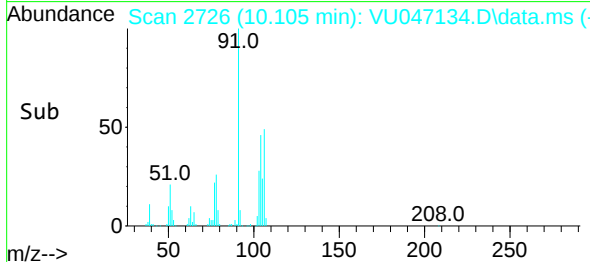
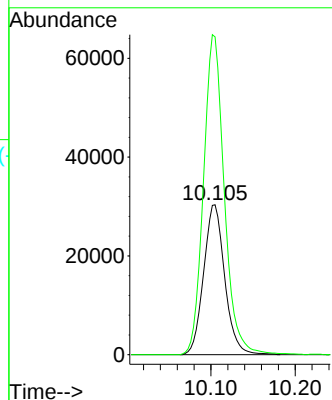
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



Tgt Ion:106 Resp: 52944
Ion Ratio Lower Upper
106 100
91 210.8 109.4 328.2

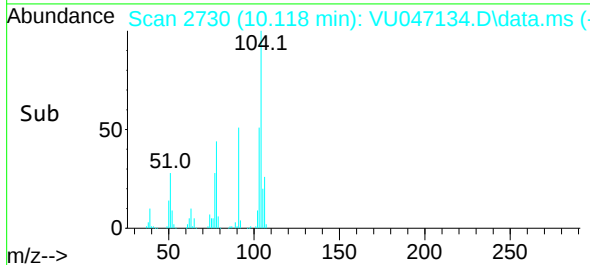
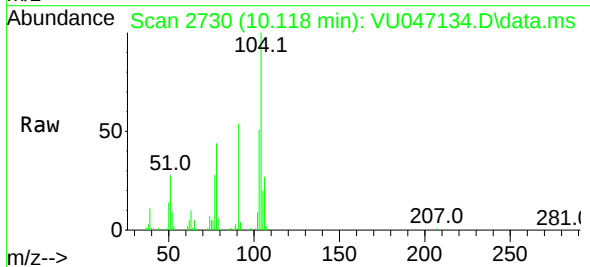
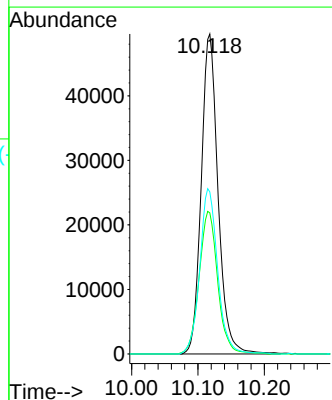
Manual Integrations
APPROVED

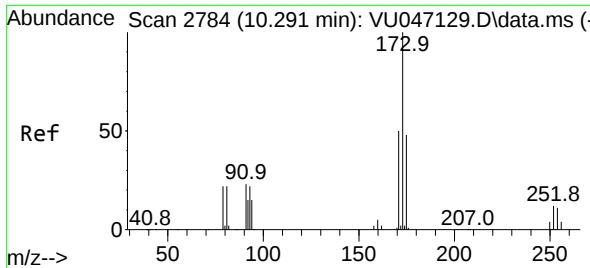
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#66
Styrene
Concen: 1.880 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

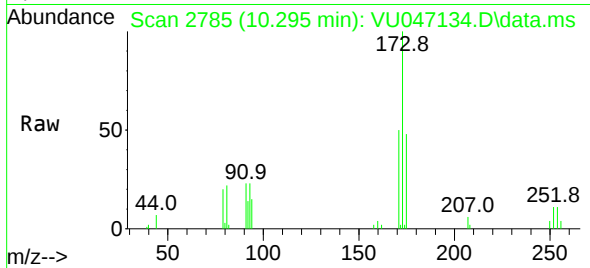
Tgt Ion:104 Resp: 87381
Ion Ratio Lower Upper
104 100
78 49.1 42.4 63.6
103 54.8 44.2 66.4





#67
Bromoform
Concen: 1.801 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

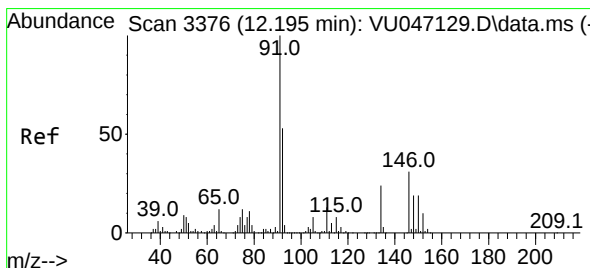
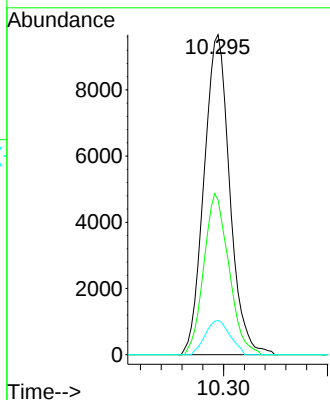
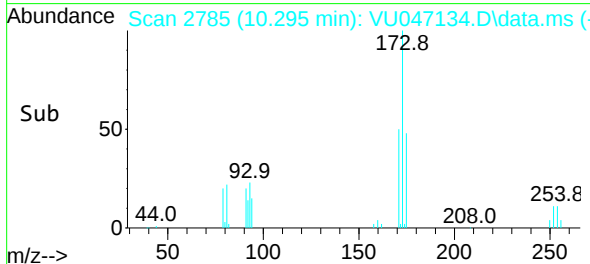
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



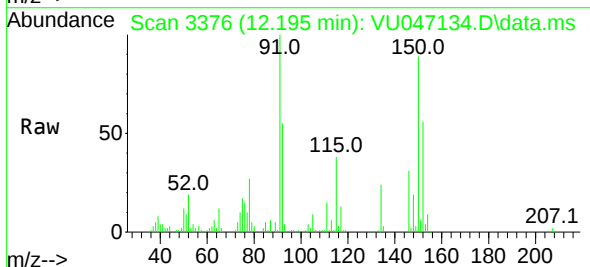
Tgt Ion:173 Resp: 16578
Ion Ratio Lower Upper
173 100
175 49.1 39.0 58.4
254 10.3 5.5 8.3

Manual Integrations
APPROVED

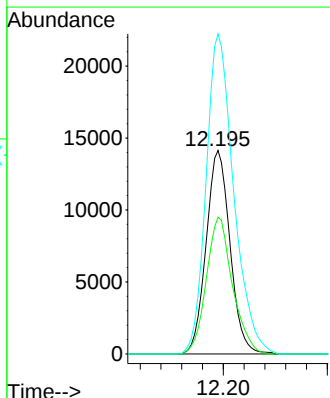
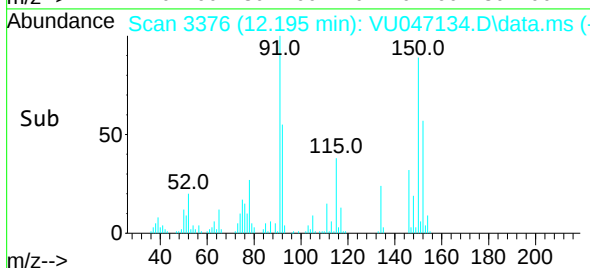
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

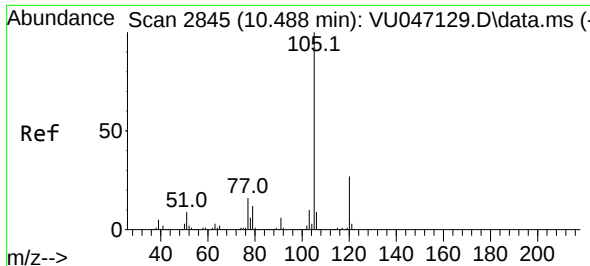


#68
1,2-Dichlorobenzene-d4
Concen: 0.983 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37



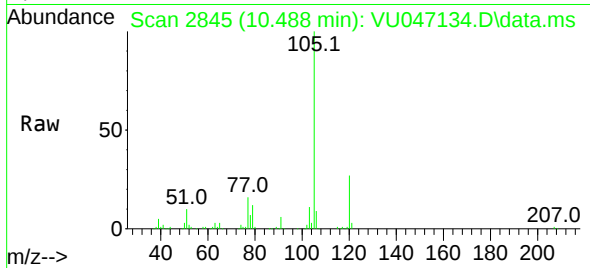
Tgt Ion:152 Resp: 22578
Ion Ratio Lower Upper
152 100
115 73.4 0.0 251.0
150 181.5 0.0 613.8





#69
Isopropylbenzene
Concen: 1.862 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

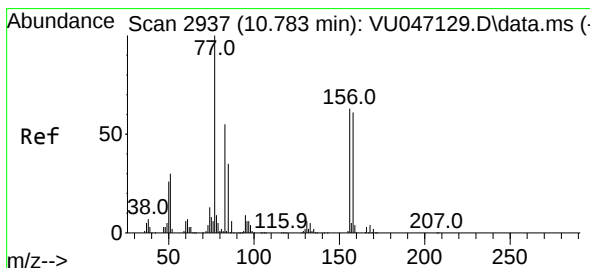
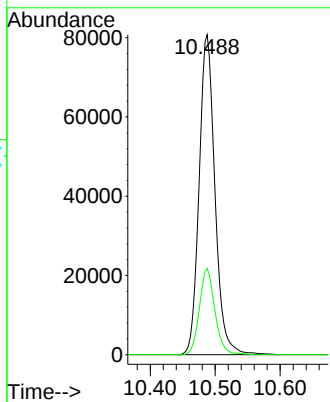
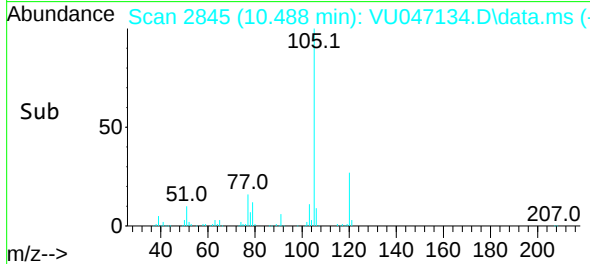
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



Tgt Ion:105 Resp: 137120
Ion Ratio Lower Upper
105 100
120 26.4 12.8 38.4

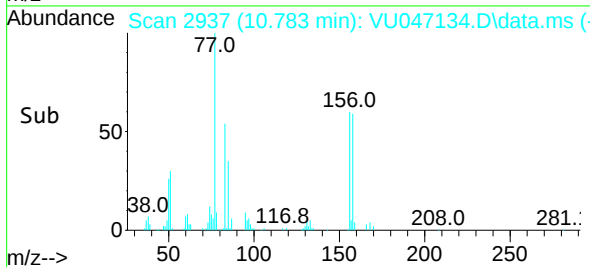
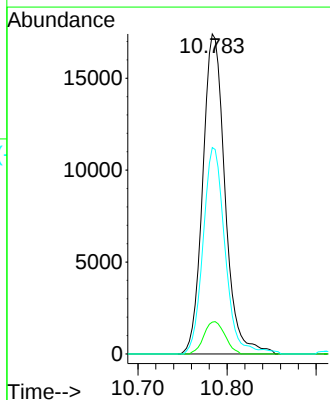
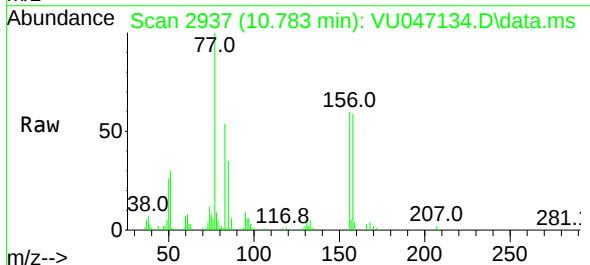
Manual Integrations
APPROVED

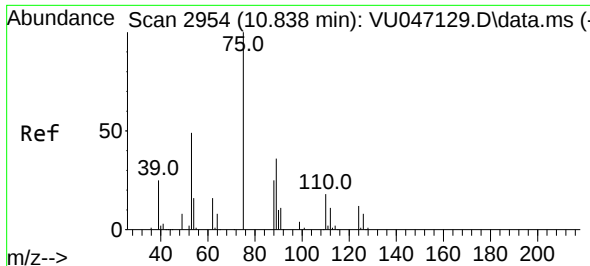
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 1.866 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

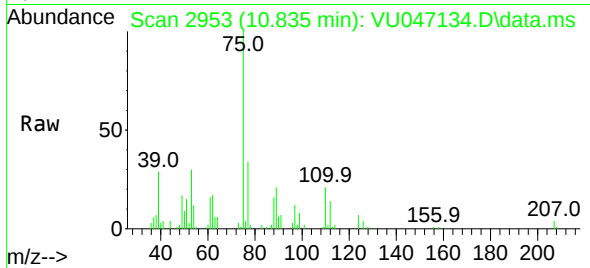
Tgt Ion: 83 Resp: 30131
Ion Ratio Lower Upper
83 100
131 9.6 7.6 11.4
85 63.9 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 1.561 ug/l m
RT: 10.835 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

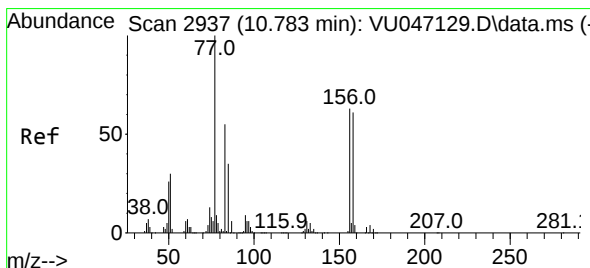
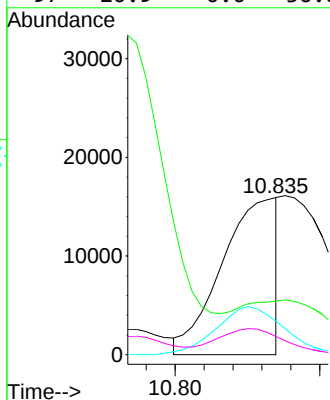
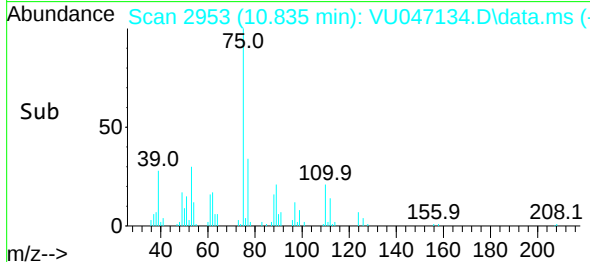
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



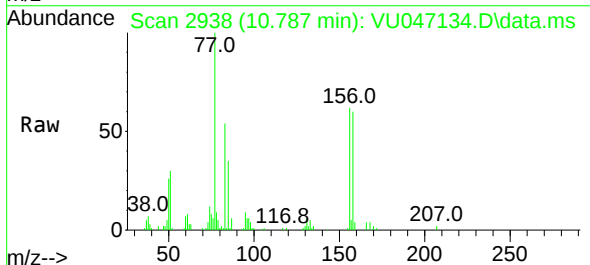
Tgt Ion: 75	Resp: 2127
Ion Ratio	Lower Upper
75 100	
77 31.0	0.0 105.6
110 37.8	0.0 71.2
97 20.9	0.0 36.8

Manual Integrations
APPROVED

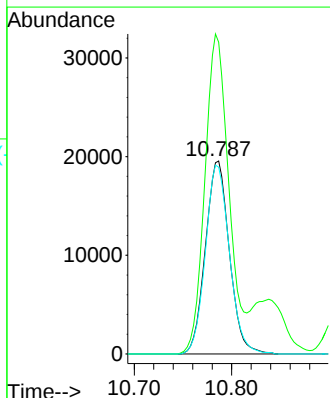
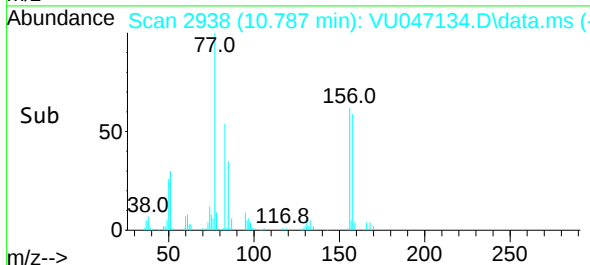
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

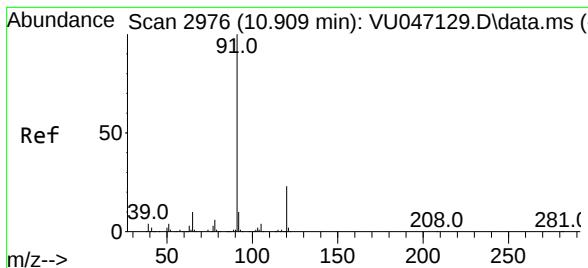


#72
Bromobenzene
Concen: 1.863 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37



Tgt Ion:156	Resp:	33502	
Ion	Ratio	Lower	Upper
156	100		
77	165.4	0.0	370.6
158	98.1	0.0	193.4





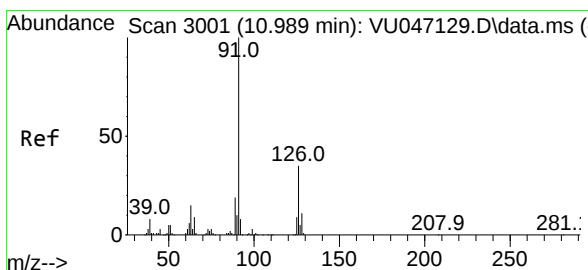
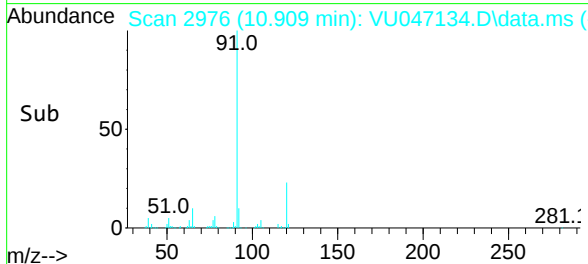
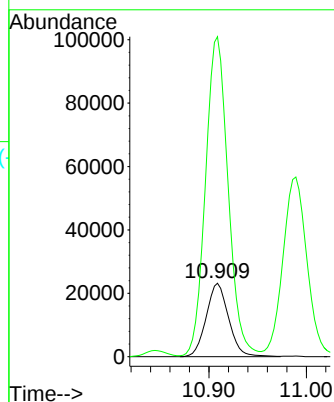
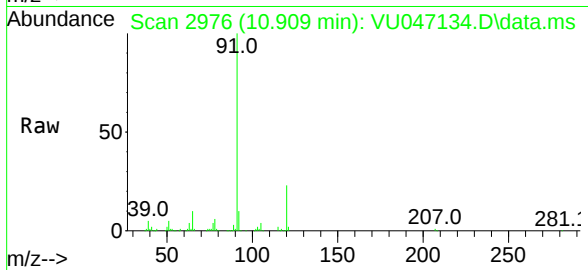
#73
n-propylbenzene
Concen: 1.823 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01

Tgt Ion:120 Resp: 36960
Ion Ratio Lower Upper
120 100
91 442.1 370.7 556.1

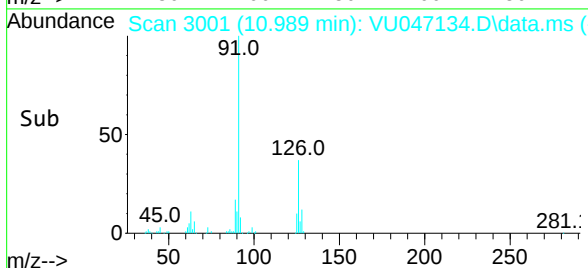
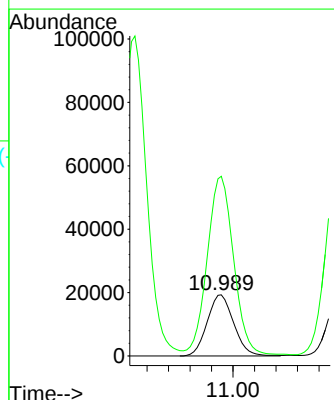
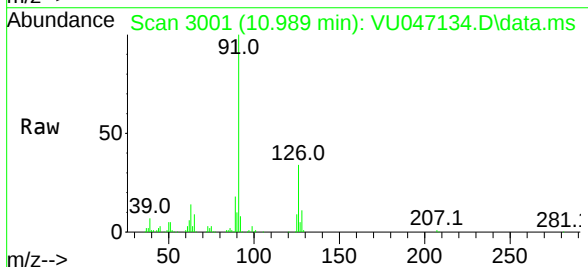
Manual Integrations
APPROVED

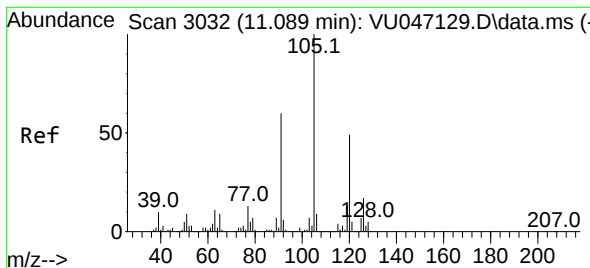
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#74
2-Chlorotoluene
Concen: 1.905 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

Tgt Ion:126 Resp: 32935
Ion Ratio Lower Upper
126 100
91 297.6 0.0 639.6





#75

1,3,5-Trimethylbenzene

Concen: 1.846 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047134.D

Acq: 14 Feb 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

VU0214WBSD01

Tgt Ion:105 Resp: 111478

Ion Ratio Lower Upper

105 100

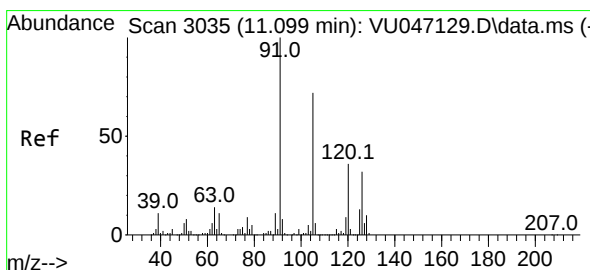
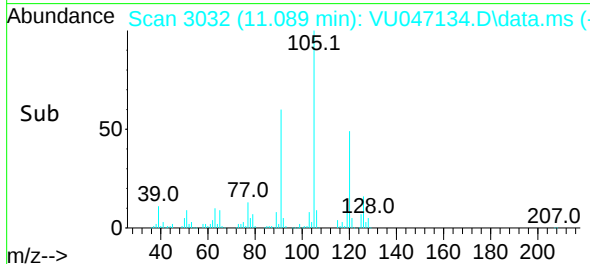
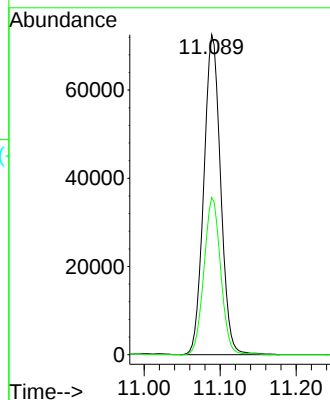
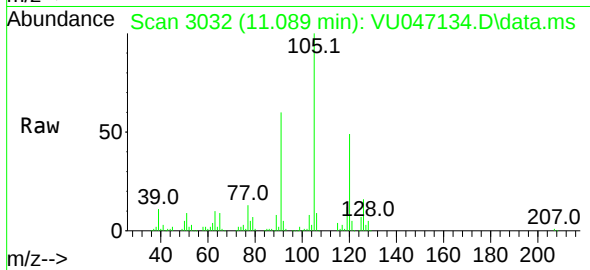
120 48.9 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#76

4-Chlorotoluene

Concen: 1.819 ug/l

RT: 11.098 min Scan# 3035

Delta R.T. -0.000 min

Lab File: VU047134.D

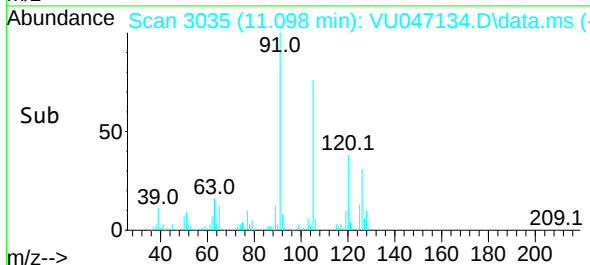
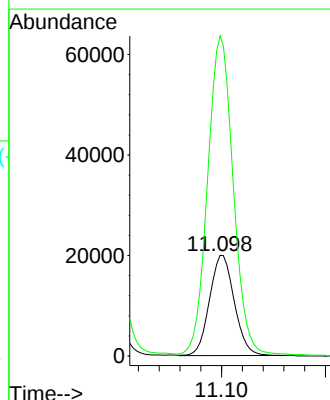
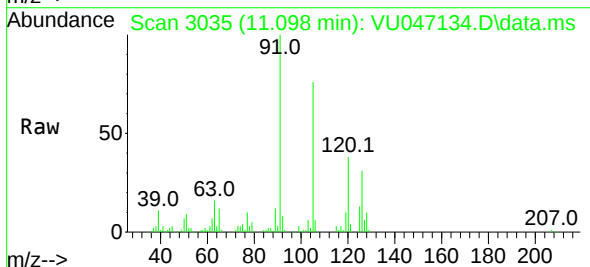
Acq: 14 Feb 2022 15:37

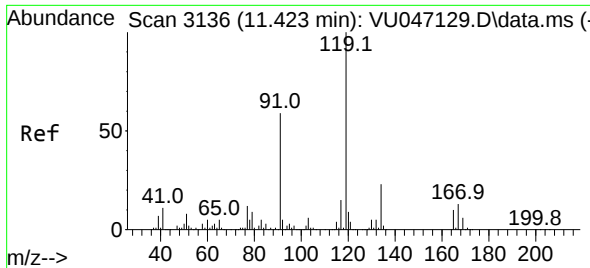
Tgt Ion:126 Resp: 33037

Ion Ratio Lower Upper

126 100

91 334.0 0.0 728.0





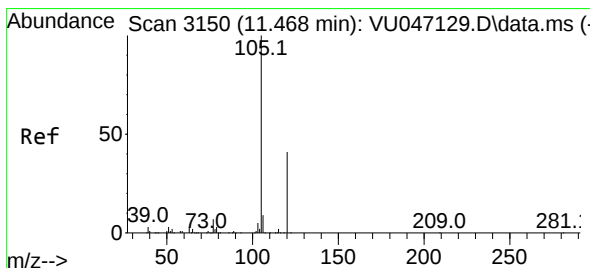
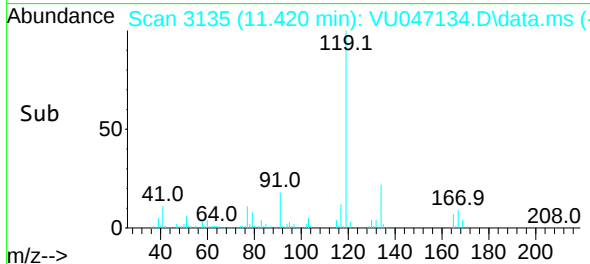
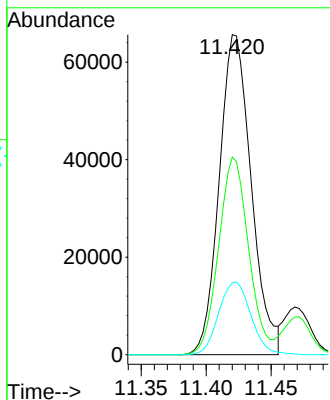
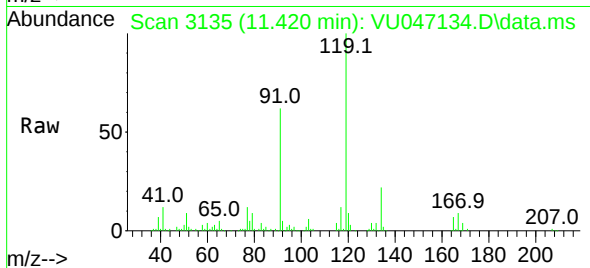
#77
tert-Butylbenzene
Concen: 1.858 ug/l
RT: 11.420 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01

Tgt Ion:119 Resp: 112590
Ion Ratio Lower Upper
119 100
91 58.0 31.4 94.3
134 22.8 18.5 27.7

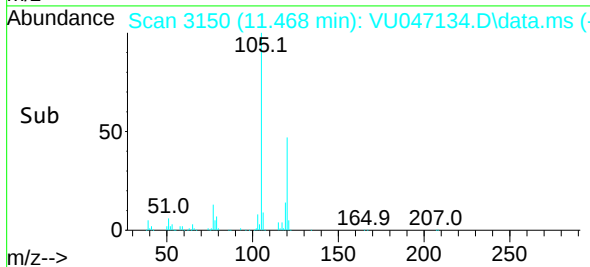
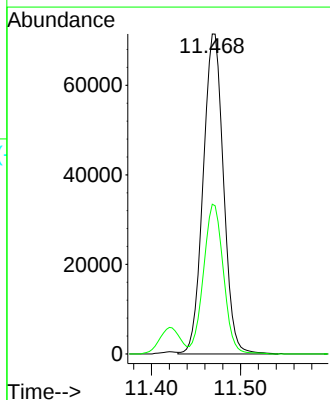
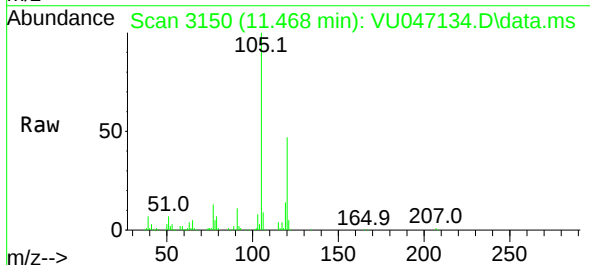
Manual Integrations
APPROVED

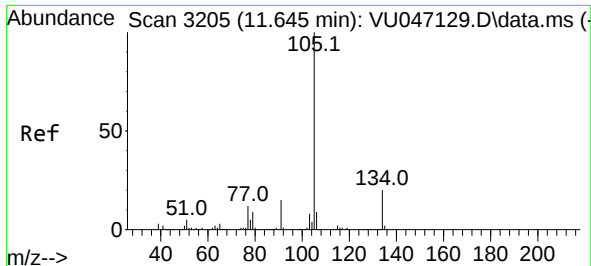
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#78
1,2,4-Trimethylbenzene
Concen: 1.836 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

Tgt Ion:105 Resp: 113202
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.8





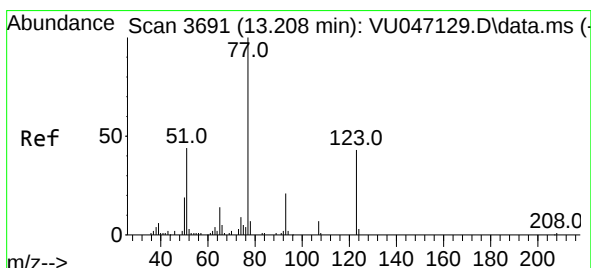
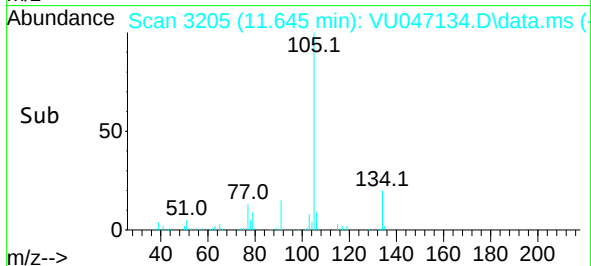
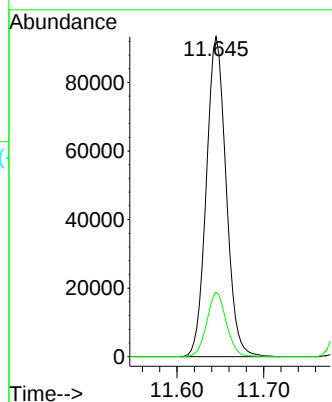
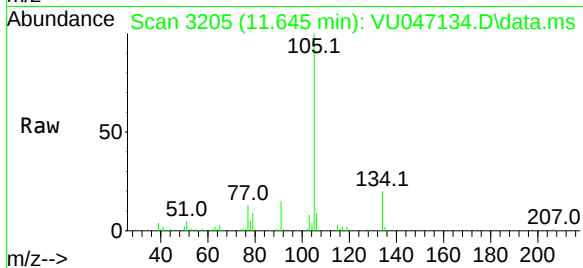
#79
 sec-Butylbenzene
 Concen: 1.840 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. -0.000 min
 Lab File: VU047134.D
 Acq: 14 Feb 2022 15:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0214WBSD01

Tgt Ion:105 Resp: 148050
 Ion Ratio Lower Upper
 105 100
 134 20.0 15.4 23.0

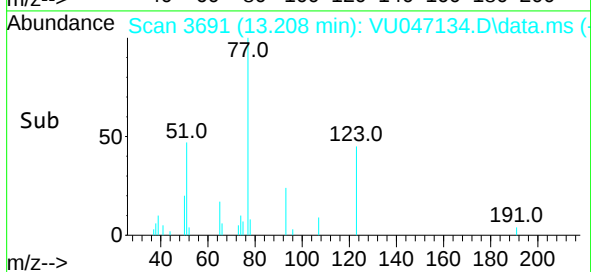
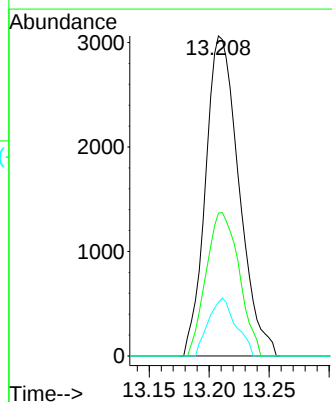
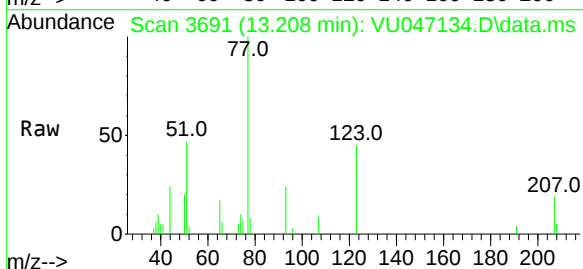
Manual Integrations
 APPROVED

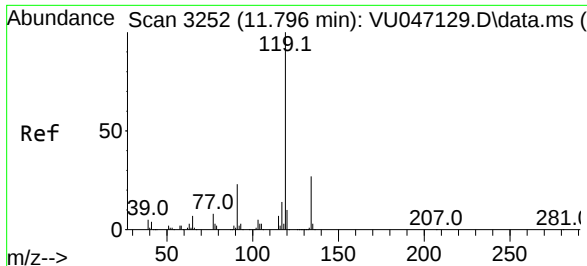
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022



#80
 Nitrobenzene
 Concen: 7.600 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. -0.000 min
 Lab File: VU047134.D
 Acq: 14 Feb 2022 15:37

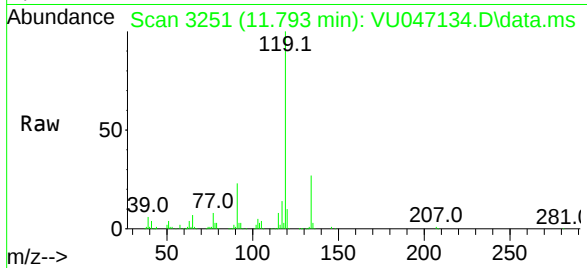
Tgt Ion: 77 Resp: 5925
 Ion Ratio Lower Upper
 77 100
 123 44.3 18.2 64.4
 65 14.8 12.0 15.2





#81
p-Isopropyltoluene
Concen: 1.794 ug/l
RT: 11.793 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

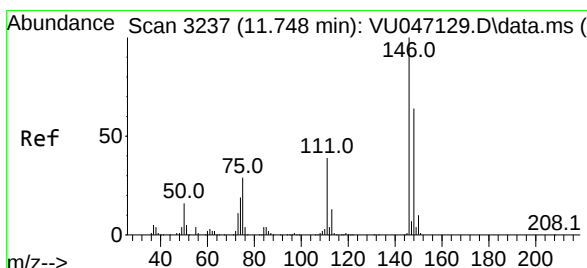
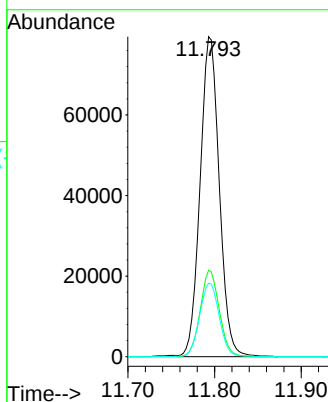
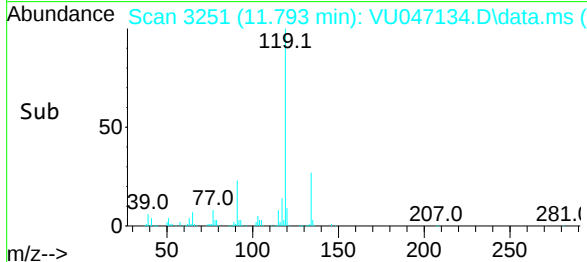
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



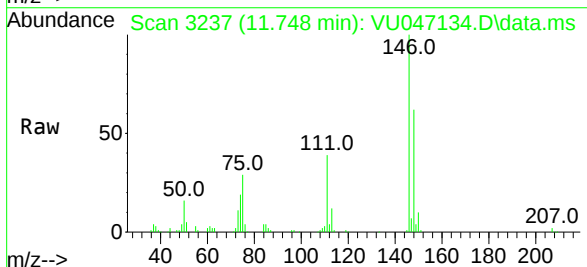
Tgt Ion:119 Resp: 122190
Ion Ratio Lower Upper
119 100
134 26.8 20.2 30.4
91 23.5 19.9 29.9

Manual Integrations
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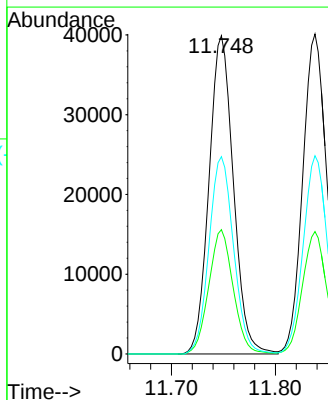
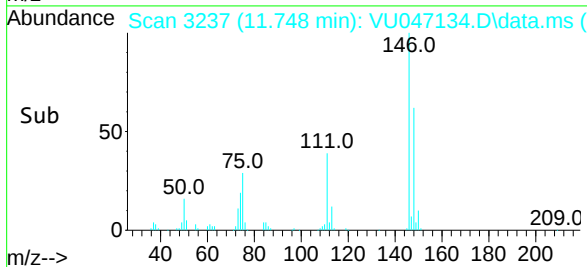
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

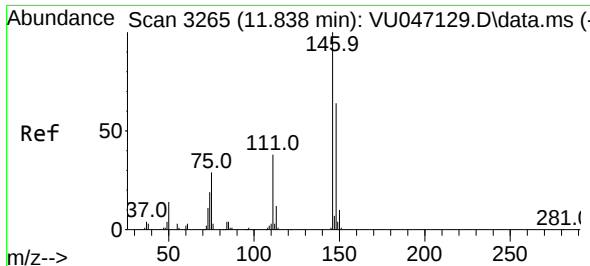


#82
1,3-Dichlorobenzene
Concen: 1.857 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37



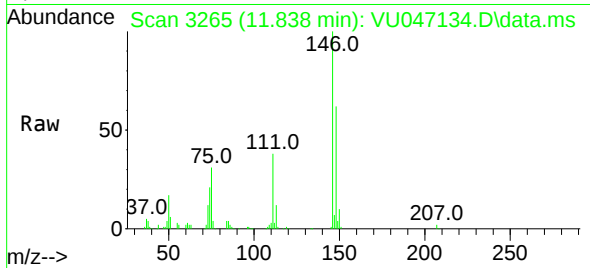
Tgt Ion:146 Resp: 65010
Ion Ratio Lower Upper
146 100
111 39.1 33.9 50.9
148 62.6 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 1.853 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

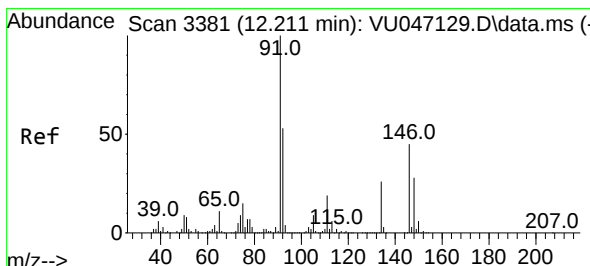
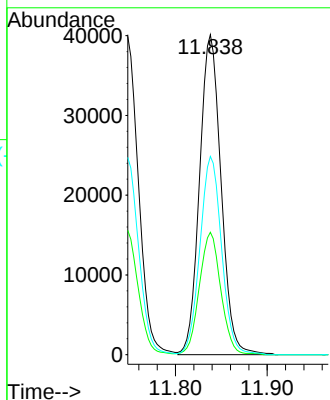
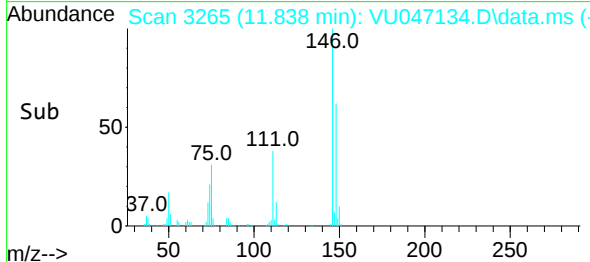
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



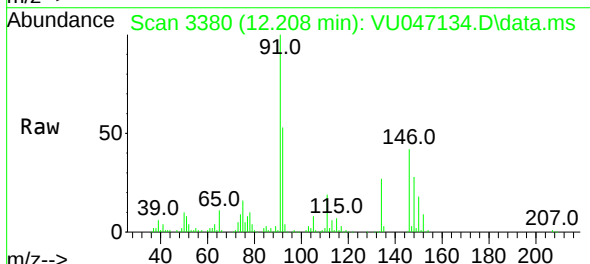
Tgt Ion:146 Resp: 65358
Ion Ratio Lower Upper
146 100
111 38.2 32.7 49.1
148 62.5 51.4 77.0

Manual Integrations
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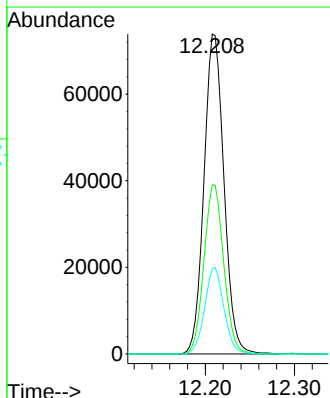
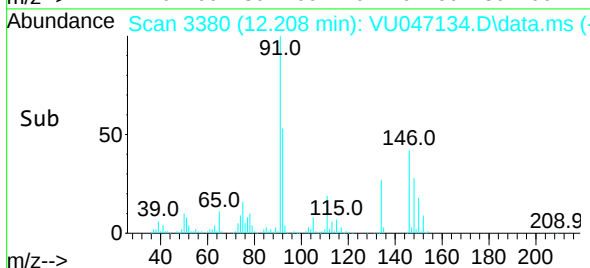
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

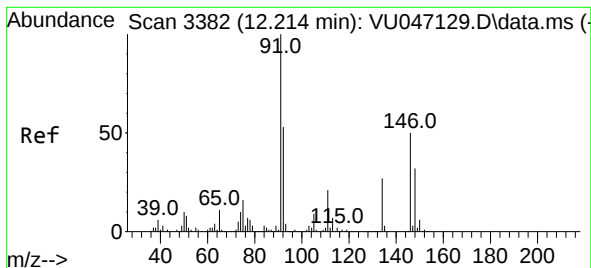


#84
n-Butylbenzene
Concen: 1.757 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37



Tgt Ion: 91 Resp: 114873
Ion Ratio Lower Upper
91 100
92 52.4 43.5 65.3
134 26.1 19.0 28.4





#85

1,2-Dichlorobenzene

Concen: 1.828 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU047134.D

Acq: 14 Feb 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

VU0214WBSD01

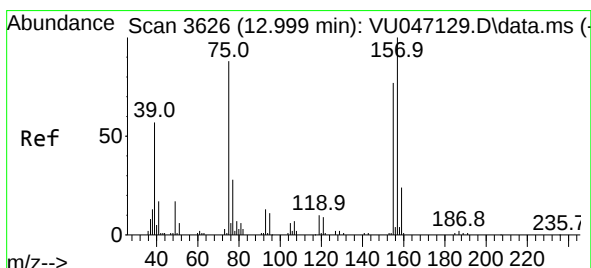
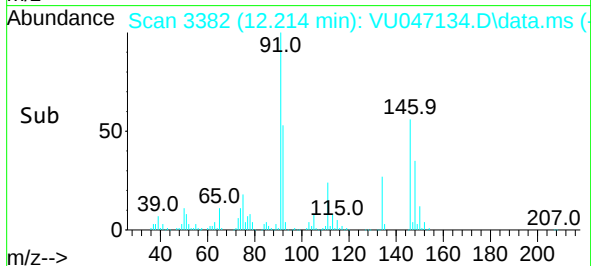
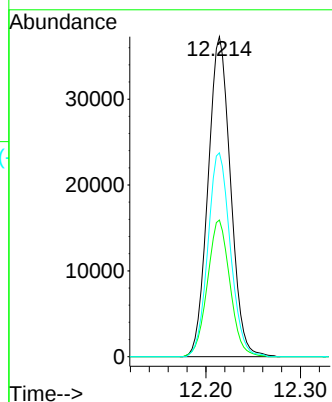
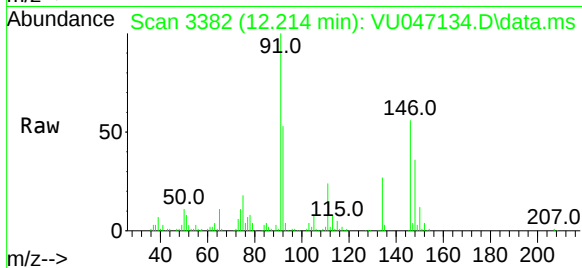
Tgt Ion:	146	Resp:	6161
Ion Ratio	Lower	Upper	
146	100		
111	42.7	22.1	66.1
148	63.8	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.767 ug/l

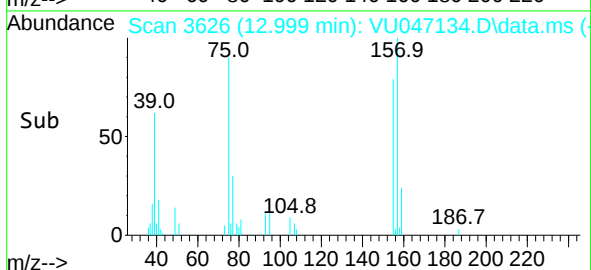
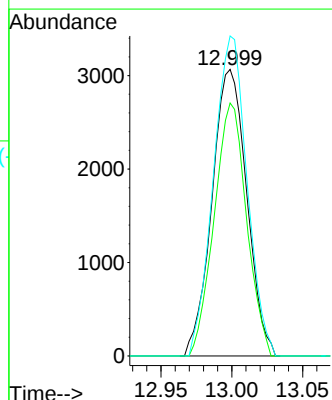
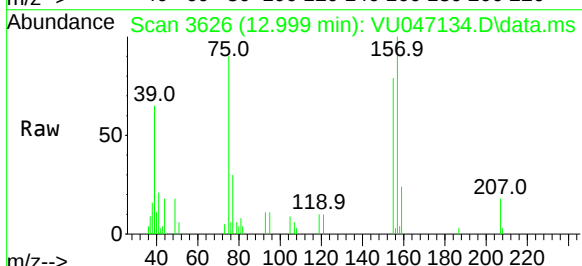
RT: 12.999 min Scan# 3626

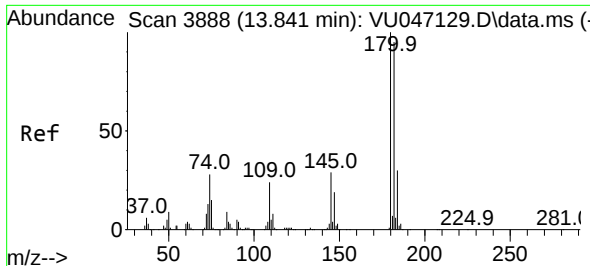
Delta R.T. -0.000 min

Lab File: VU047134.D

Acq: 14 Feb 2022 15:37

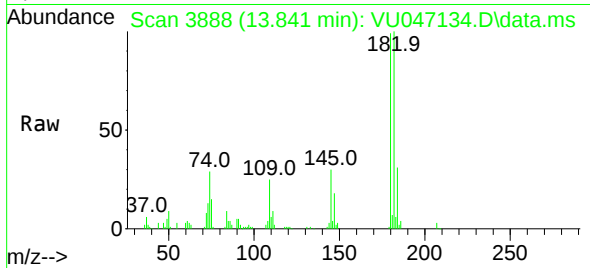
Tgt Ion:	75	Resp:	5233
Ion Ratio	Lower	Upper	
75	100		
155	82.0	57.8	86.8
157	107.7	75.1	112.7





#87
1,2,4-Trichlorobenzene
Concen: 1.791 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

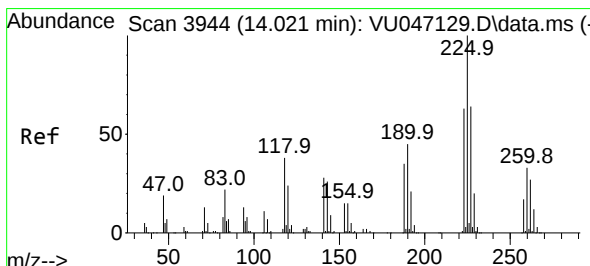
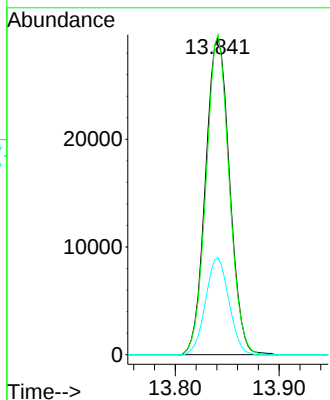
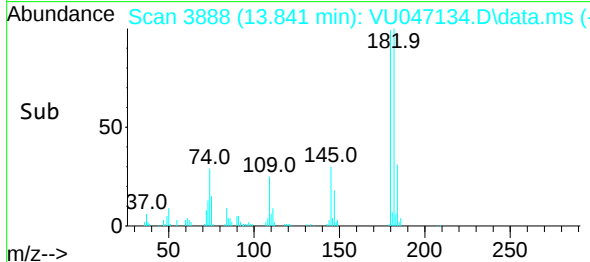
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



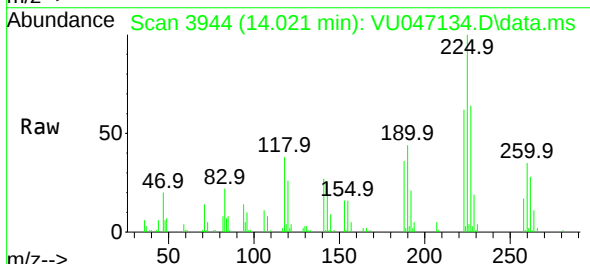
Tgt Ion:180 Resp: 47390
Ion Ratio Lower Upper
180 100
182 96.4 75.8 113.8
145 29.6 25.3 37.9

Manual Integrations
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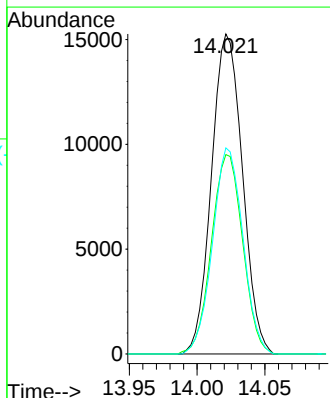
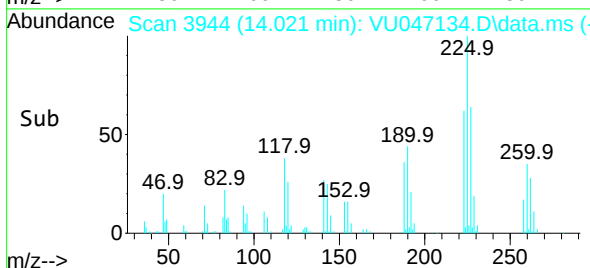
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

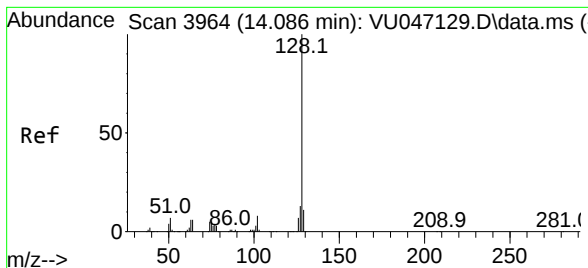


#88
Hexachlorobutadiene
Concen: 1.791 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37



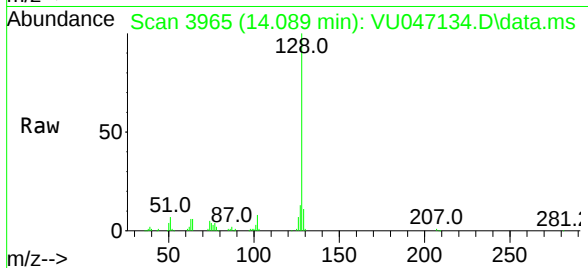
Tgt Ion:225 Resp: 24237
Ion Ratio Lower Upper
225 100
223 62.7 51.1 76.7
227 63.1 49.9 74.9





#89
Naphthalene
Concen: 1.782 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37

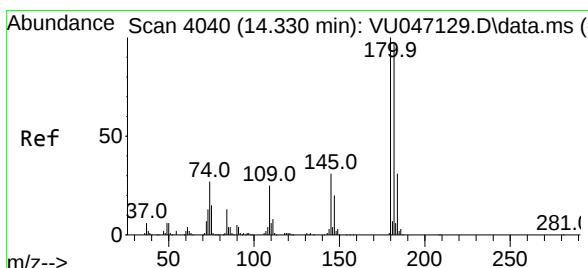
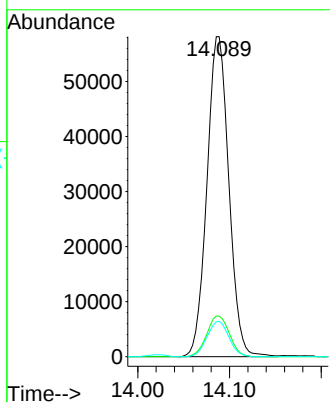
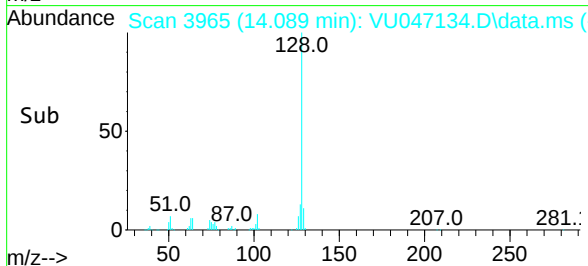
Instrument :
MSVOA_U
ClientSampleId :
VU0214WBSD01



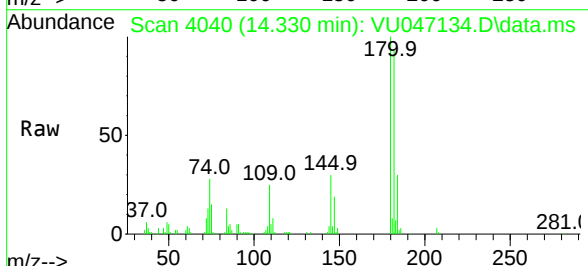
Tgt Ion:128 Resp: 96620
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#90
1,2,3-Trichlorobenzene
Concen: 1.881 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047134.D
Acq: 14 Feb 2022 15:37



Tgt Ion:180 Resp: 44663
Ion Ratio Lower Upper
180 100
182 95.4 75.4 113.0
145 30.6 27.0 40.4

