

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021422\
 Data File : VU047126.D
 Acq On : 14 Feb 2022 10:36
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

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

Quant Time: Feb 14 12:40:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Feb 14 12:38:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	56394	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	21938	1.136	ug/l	0.00
Spiked Amount 1.000			Recovery	=	114.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	22903	1.036	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	17963	1.015	ug/l	97
3) Chloromethane	1.533	50	18222	0.901	ug/l	97
4) Vinyl Chloride	1.610	62	18217	0.940	ug/l	98
5) Bromomethane	1.864	94	13180	1.159	ug/l	96
6) Chloroethane	1.941	64	10611	0.898	ug/l	99
7) Trichlorofluoromethane	2.147	101	21260	0.873	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	12650	0.874	ug/l	95
9) 1,1-Dichloroethene	2.588	96	13239	1.035	ug/l	95
10) Iodomethane	2.732	142	8494	0.434	ug/l	98
11) Allyl Chloride	2.932	41	19919	0.897	ug/l	93
12) Acrylonitrile	3.324	53	7576m	1.749	ug/l	
13) Acetone	2.636	43	8892	2.512	ug/l	98
14) Carbon Disulfide	2.803	76	43868	1.079	ug/l	98
15) Methylene Chloride	3.054	84	14686	0.907	ug/l	96
16) trans-1,2-Dichloroethene	3.363	96	14520	1.009	ug/l	98
17) 1,1-Dichloroethane	3.880	63	24905	0.891	ug/l	98
18) 2-Butanone	4.719	43	15356	2.943	ug/l	97
19) Cyclohexane	5.391	56	22929m	0.997	ug/l	
20) Methylcyclohexane	6.768	83	25020	1.133	ug/l	97
21) 2,2-Dichloropropane	4.668	77	22105	1.034	ug/l	98
22) cis-1,2-Dichloroethene	4.674	96	15693	0.969	ug/l	92
23) Diethyl Ether	2.382	59	10286	0.902	ug/l	98
24) tert-Butyl Alcohol	3.202	59	6708	6.561	ug/l #	86
25) Methyl tert-Butyl Ether	3.372	73	36126	0.961	ug/l	97
26) Bromochloromethane	4.983	128	6875	0.886	ug/l	96
27) Chloroform	5.096	83	26092	0.870	ug/l	99
28) 1,1,1-Trichloroethane	5.324	97	21994	0.942	ug/l	96
29) 1,1-Dichloropropene	5.533	75	19814	0.985	ug/l	99
30) Carbon Tetrachloride	5.530	117	19444	0.969	ug/l	96
31) Isopropyl Ether	4.002	45	38889	0.914	ug/l	96
32) Ethyl-t-butyl ether	4.510	59	39454	1.032	ug/l	96
33) Tert-Amyl methyl ether	5.948	73	35859	1.052	ug/l	98
34) Propionitrile	4.797	54	3779	2.435	ug/l #	91
35) Benzene	5.781	78	55865	0.922	ug/l	99
36) 1,2-Dichloroethane	5.800	62	17140	0.929	ug/l	100
37) Trichloroethene	6.546	130	15462	1.013	ug/l	95
38) 1,2-Dichloropropane	6.797	63	14751	0.919	ug/l	96
39) Methacrylonitrile	4.983	41	4763	0.829	ug/l	95
40) Methyl acrylate	4.858	55	7061	0.805	ug/l #	95
41) Tetrahydrofuran	5.067	42	4629	1.428	ug/l	91
42) 1-Chlorobutane	5.465	56	25737	0.894	ug/l	97
43) Dibromomethane	6.922	93	7969	0.907	ug/l	95
44) Bromodichloromethane	7.108	83	18641	0.895	ug/l	98

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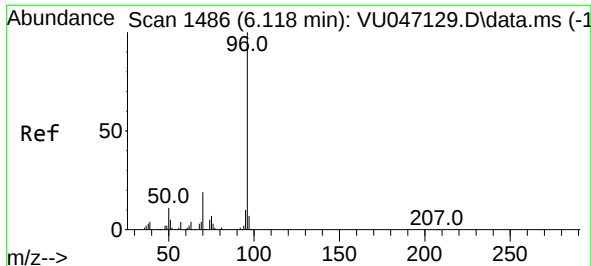
Manual Integrations
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Reviewed By : John Carlone 02/15/2022
 Supervised By : Mahesh Dadoda 02/15/2022

Quant Time: Feb 14 12:40:10 2022
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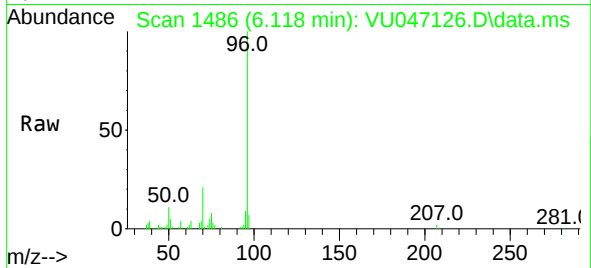
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	49000	4.531	ug/l	98
46) t-1,4-Dichloro-2-butene	10.838	75	8874m	2.061	ug/l	
47) Methyl methacrylate	6.967	69	16124	2.076	ug/l	94
48) Ethyl methacrylate	8.337	69	15598	1.108	ug/l	100
49) Toluene	7.973	92	35823	0.998	ug/l	99
50) t-1,3-Dichloropropene	8.215	75	19323	1.060	ug/l	96
51) cis-1,3-Dichloropropene	7.610	75	22203	1.062	ug/l	97
52) 1,1,2-Trichloroethane	8.404	97	11317	0.903	ug/l	96
53) 1,3-Dichloropropane	8.578	76	19892	0.924	ug/l	99
54) 2-Hexanone	8.690	43	39016	5.003	ug/l	98
55) Dibromochloromethane	8.813	129	13506	0.949	ug/l	99
56) 1,2-Dibromoethane	8.928	107	11438	0.980	ug/l	97
58) Tetrachloroethene	8.555	164	14400	1.018	ug/l	95
59) Chlorobenzene	9.449	112	39916	1.036	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	13281	0.923	ug/l	96
61) Pentachloroethane	11.430	117	9632	0.810	ug/l	84
62) Hexachloroethane	12.475	117	10316	0.896	ug/l #	82
63) Ethyl Benzene	9.575	91	70078	1.100	ug/l	100
64) m/p-Xylenes	9.697	106	52806	2.116	ug/l	97
65) o-Xylene	10.102	106	25417	1.062	ug/l	99
66) Styrene	10.118	104	42989	1.064	ug/l	97
67) Bromoform	10.295	173	8303	0.954	ug/l #	98
69) Isopropylbenzene	10.488	105	68955	1.107	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.784	83	15007	0.902	ug/l	100
71) 1,2,3-Trichloropropane	10.835	75	13113m	1.002	ug/l	
72) Bromobenzene	10.784	156	16618	0.975	ug/l	89
73) n-propylbenzene	10.909	120	18277	1.055	ug/l	90
74) 2-Chlorotoluene	10.989	126	15686	0.994	ug/l	90
75) 1,3,5-Trimethylbenzene	11.089	105	55728	1.029	ug/l	99
76) 4-Chlorotoluene	11.099	126	16649	1.015	ug/l	83
77) tert-Butylbenzene	11.423	119	55017	1.031	ug/l	96
78) 1,2,4-Trimethylbenzene	11.468	105	57040	1.034	ug/l	99
79) sec-Butylbenzene	11.645	105	72411	1.010	ug/l	98
80) Nitrobenzene	13.214	77	3064	4.315	ug/l #	94
81) p-Isopropyltoluene	11.793	119	61644	1.039	ug/l	98
82) 1,3-Dichlorobenzene	11.748	146	32890	0.966	ug/l	98
83) 1,4-Dichlorobenzene	11.838	146	33442	1.000	ug/l	97
84) n-Butylbenzene	12.211	91	58945	1.038	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	31685	0.966	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	2789	1.032	ug/l	84
87) 1,2,4-Trichlorobenzene	13.841	180	24448	1.144	ug/l	98
88) Hexachlorobutadiene	14.021	225	12792	0.957	ug/l	95
89) Naphthalene	14.089	128	49105	1.279	ug/l	98
90) 1,2,3-Trichlorobenzene	14.330	180	22222	1.055	ug/l	97

(#) = 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
Lab File: VU047126.D
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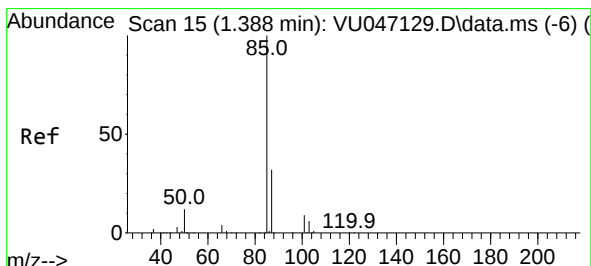
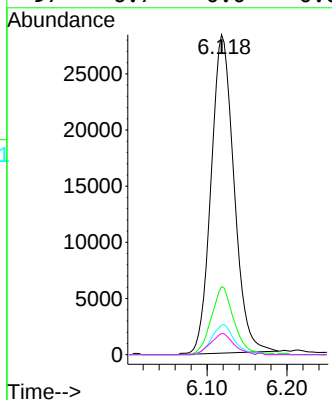
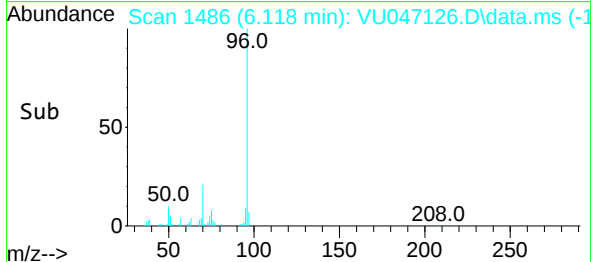
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 56394
Ion Ratio Lower Upper
96 100
70 21.2 16.8 25.2
95 9.3 7.3 10.9
97 6.7 0.0 0.0#

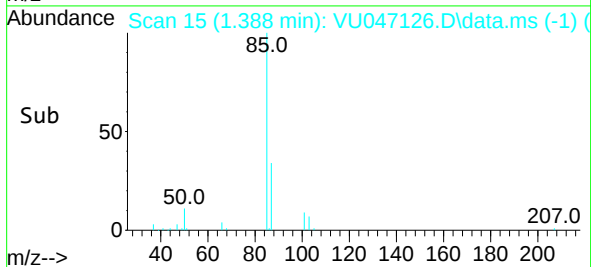
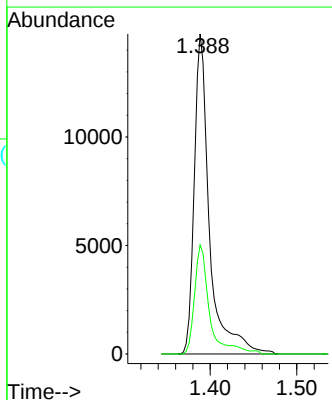
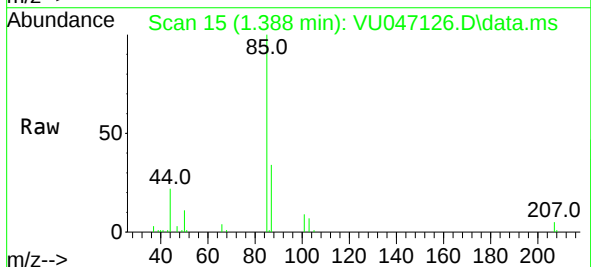
Manual Integrations
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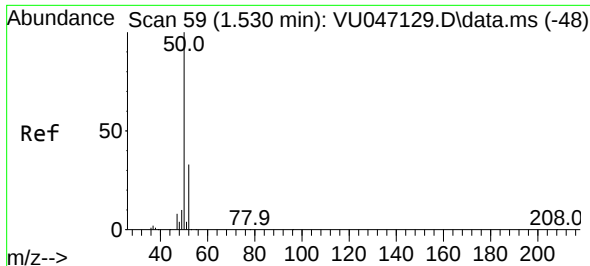
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#2
Dichlorodifluoromethane
Concen: 1.015 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

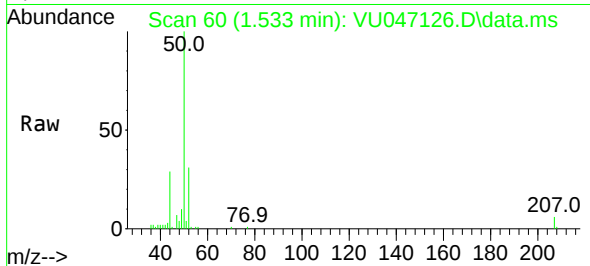
Tgt Ion: 85 Resp: 17963
Ion Ratio Lower Upper
85 100
87 34.1 16.2 48.6





#3
Chloromethane
Concen: 0.901 ug/l
RT: 1.533 min Scan# 60
Delta R.T. 0.003 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

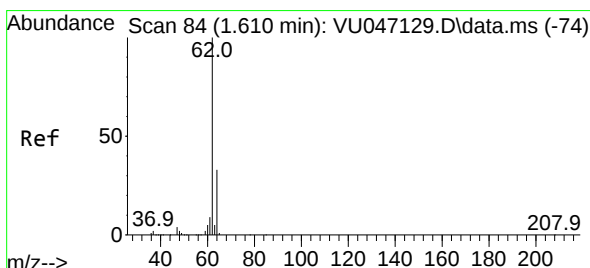
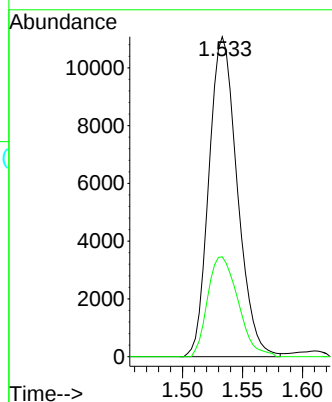
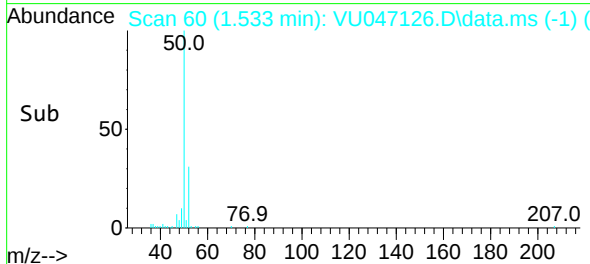
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 50 Resp: 1822
Ion Ratio Lower Upper
50 100
52 31.2 26.2 39.4

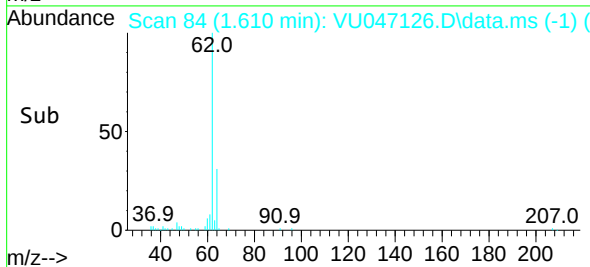
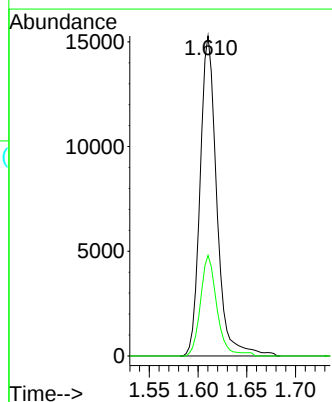
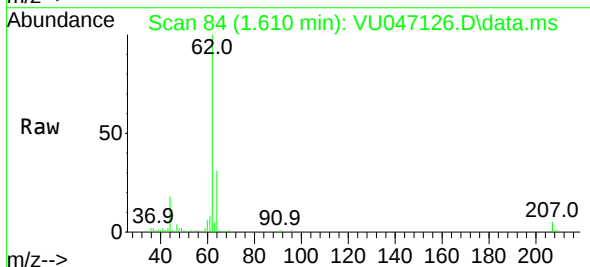
Manual Integrations
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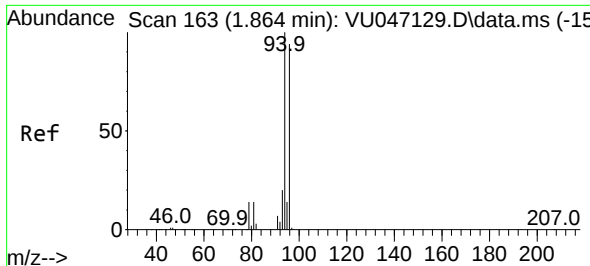
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#4
Vinyl Chloride
Concen: 0.940 ug/l
RT: 1.610 min Scan# 84
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

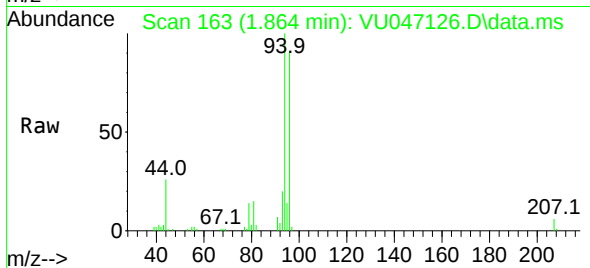
Tgt Ion: 62 Resp: 18217
Ion Ratio Lower Upper
62 100
64 31.4 26.0 39.0





#5
Bromomethane
Concen: 1.159 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

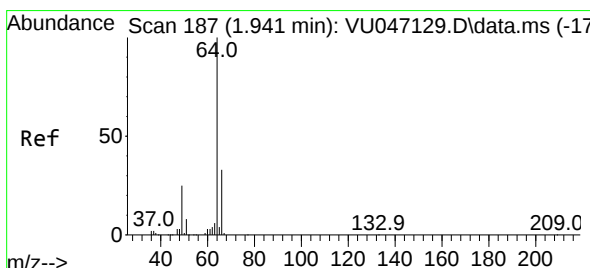
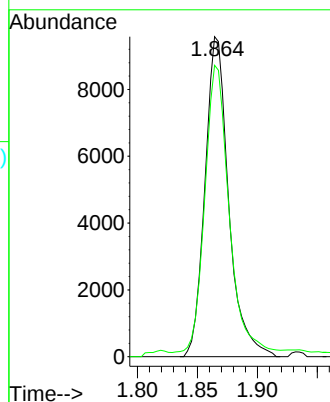
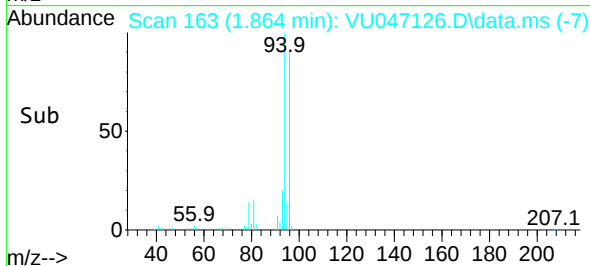
Instrument :
MSVOA_U
Client Sample Id :
VSTDIC001



Tgt Ion: 94 Resp: 13180
Ion Ratio Lower Upper
94 100
96 89.5 75.0 112.4

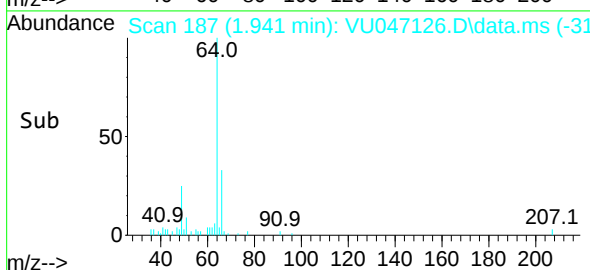
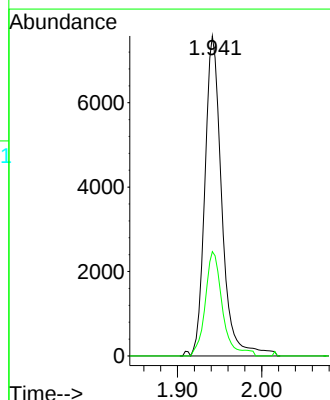
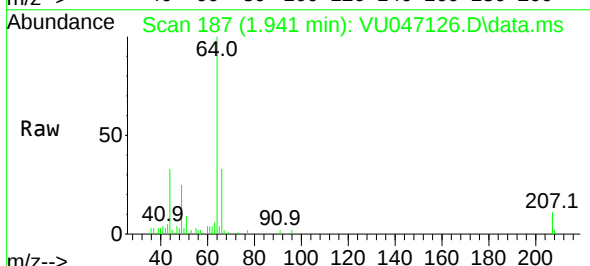
Manual Integrations
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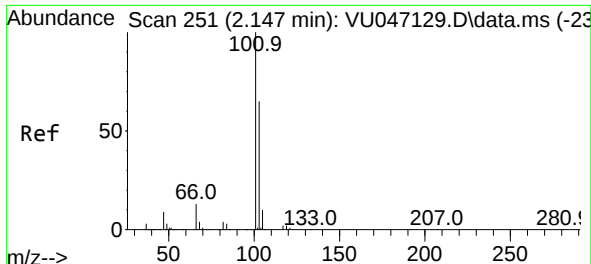
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#6
Chloroethane
Concen: 0.898 ug/l
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

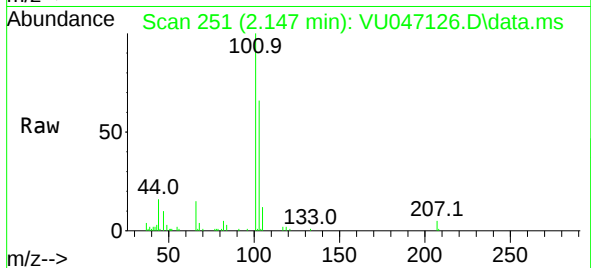
Tgt Ion: 64 Resp: 10611
Ion Ratio Lower Upper
64 100
66 32.6 25.8 38.8





#7
Trichlorofluoromethane
Concen: 0.873 ug/l
RT: 2.147 min Scan# 21260
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

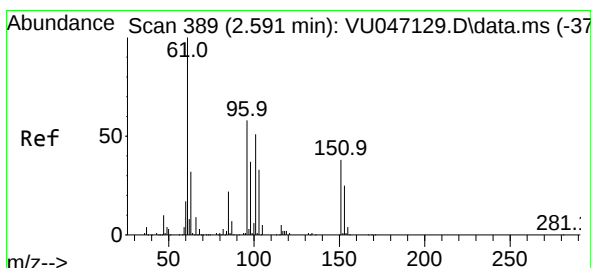
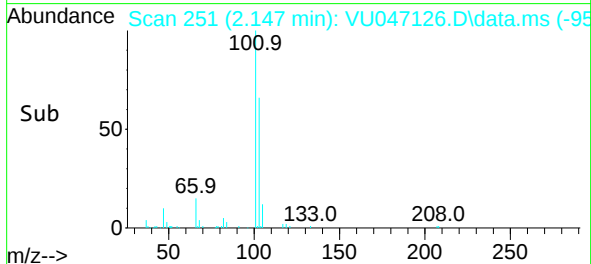
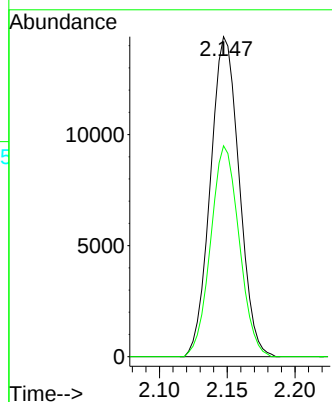
Instrument :
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Tgt Ion:101 Resp: 21260
Ion Ratio Lower Upper
101 100
103 65.9 52.2 78.2

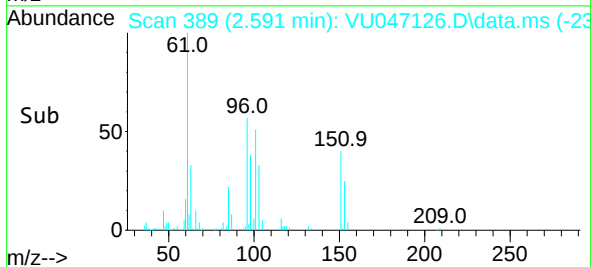
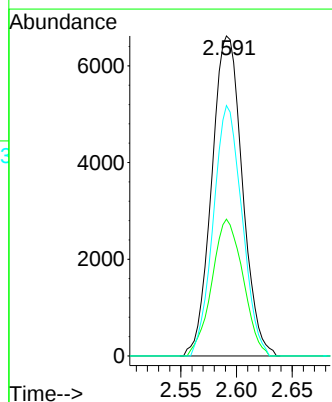
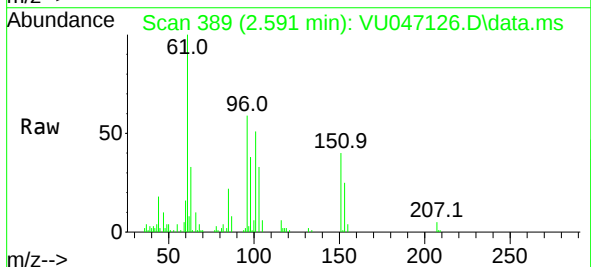
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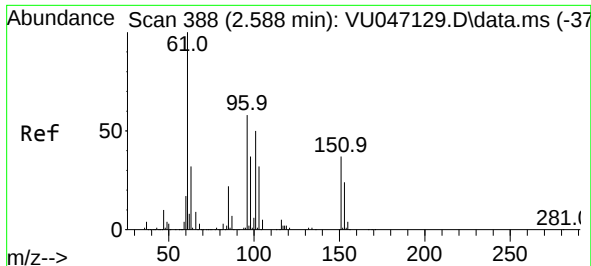
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.874 ug/l
RT: 2.591 min Scan# 389
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

Tgt Ion:101 Resp: 12650
Ion Ratio Lower Upper
101 100
85 43.5 35.8 53.6
151 73.5 54.6 81.8





#9

1,1-Dichloroethene

Concen: 1.035 ug/l

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

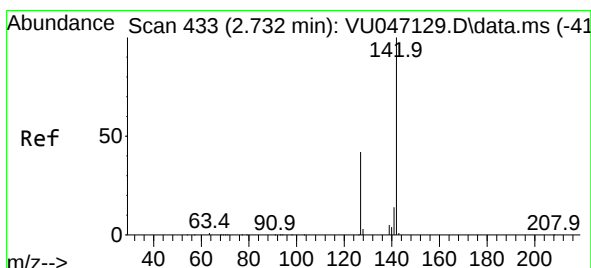
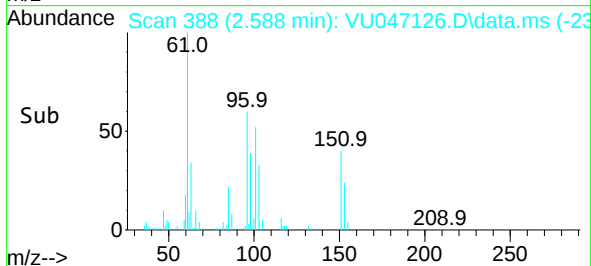
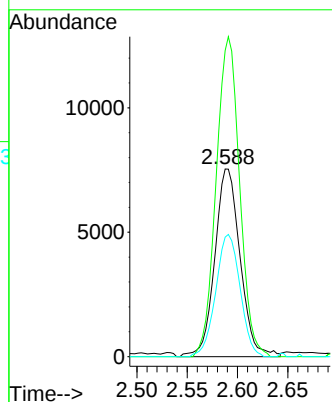
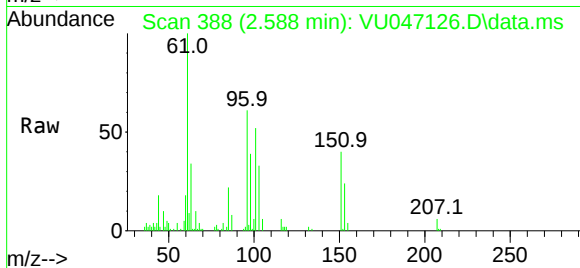
Tgt Ion:	96	Resp:	13239
Ion Ratio	Lower	Upper	
96	100		
61	163.1	0.0	514.2
98	63.7	0.0	126.4

Manual Integrations

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Supervised By :Mahesh Dadoda 02/15/2022



#10

Iodomethane

Concen: 0.434 ug/l

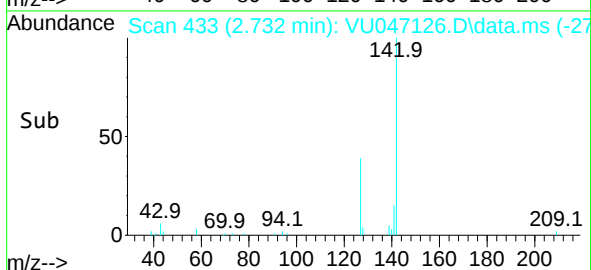
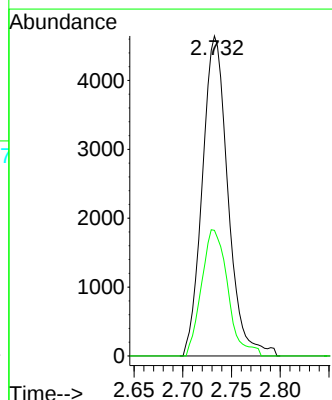
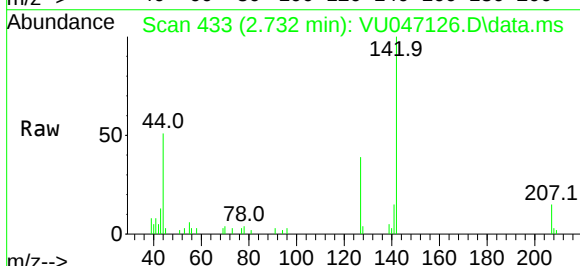
RT: 2.732 min Scan# 433

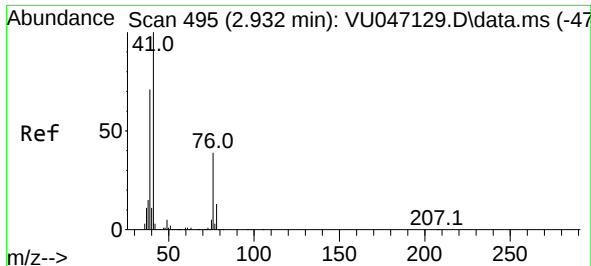
Delta R.T. 0.000 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

Tgt Ion:	142	Resp:	8494
Ion Ratio	Lower	Upper	
142	100		
127	40.5	33.2	49.8





#11

Allyl Chloride

Concen: 0.897 ug/l

RT: 2.932 min Scan# 495

Delta R.T. 0.000 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 19919

Ion Ratio Lower Upper

41 100

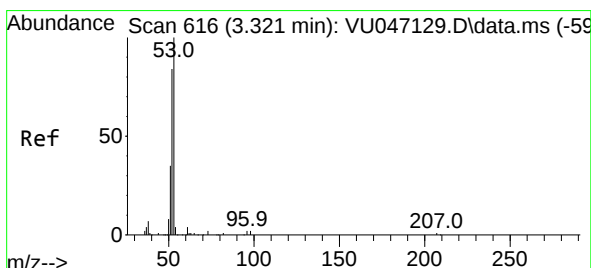
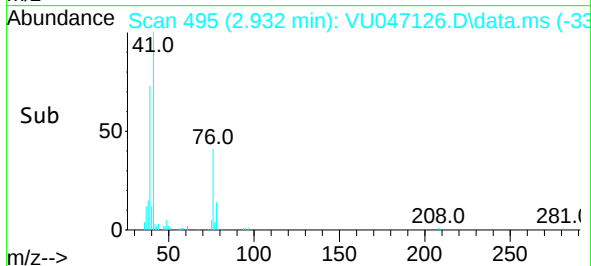
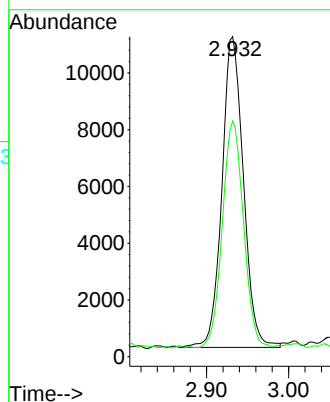
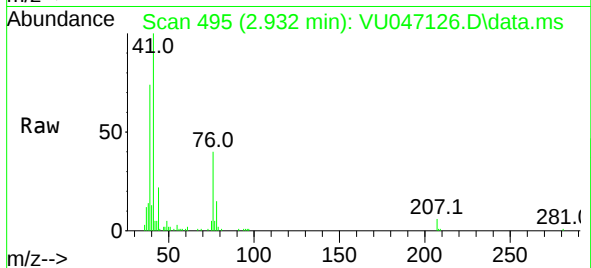
39 71.8 62.4 93.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#12

Acrylonitrile

Concen: 1.749 ug/l m

RT: 3.324 min Scan# 617

Delta R.T. 0.003 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

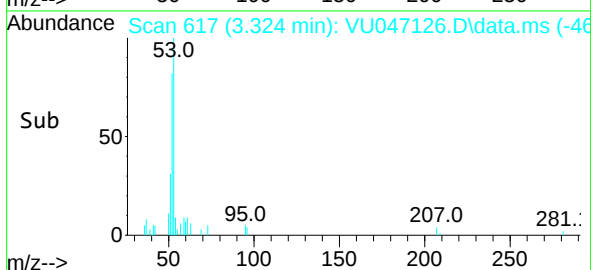
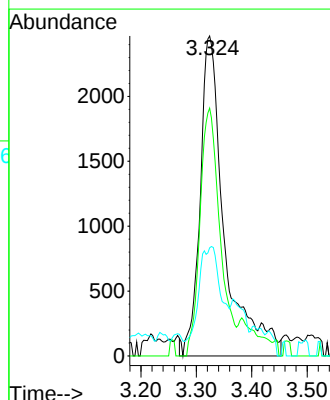
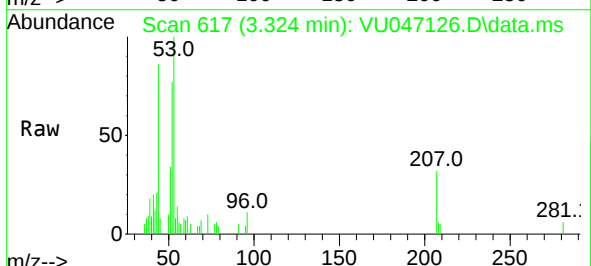
Tgt Ion: 53 Resp: 7576

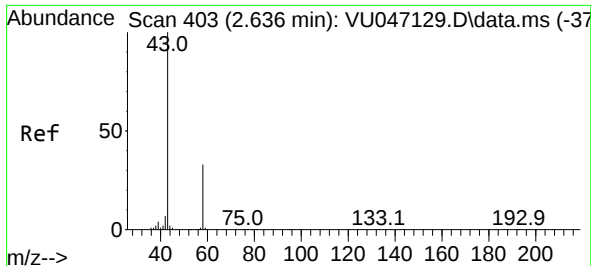
Ion Ratio Lower Upper

53 100

52 63.1 56.7 85.1

51 9.5 30.3 45.5#





#13

Acetone

Concen: 2.512 ug/l

RT: 2.636 min Scan# 403

Delta R.T. 0.000 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 43 Resp: 889

Ion Ratio Lower Upper

43 100

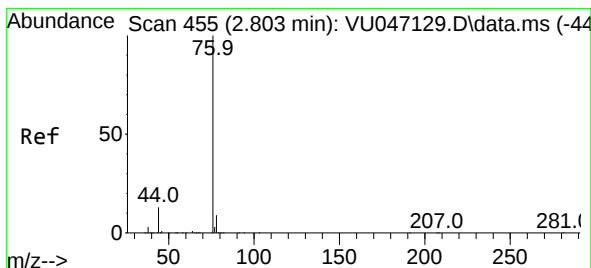
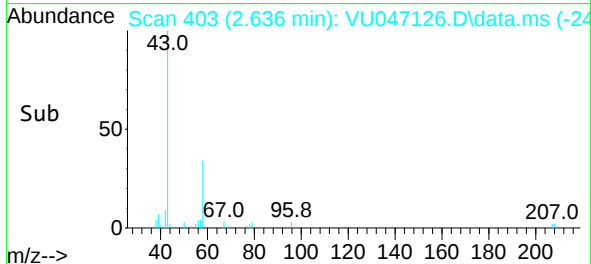
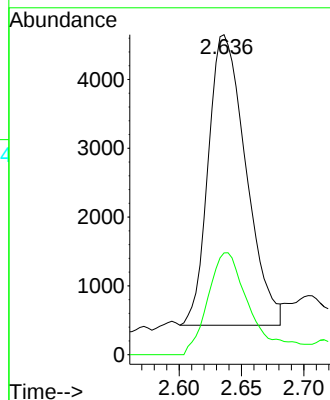
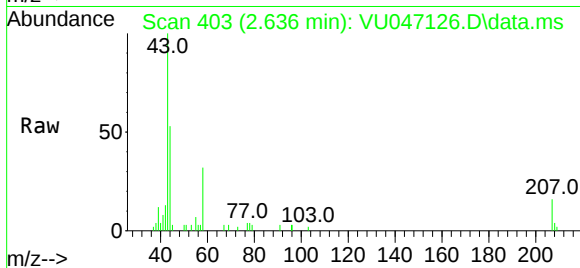
58 35.0 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#14

Carbon Disulfide

Concen: 1.079 ug/l

RT: 2.803 min Scan# 455

Delta R.T. 0.000 min

Lab File: VU047126.D

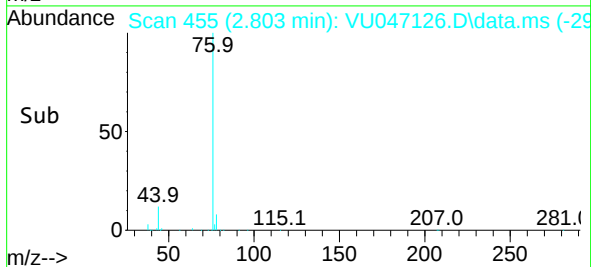
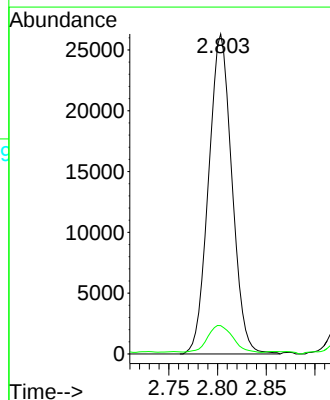
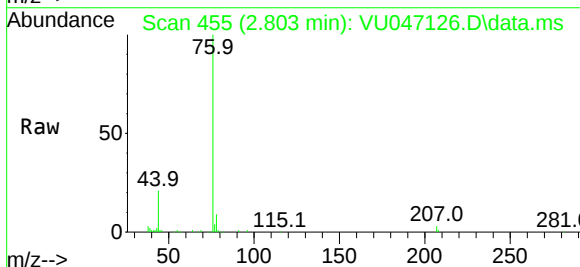
Acq: 14 Feb 2022 10:36

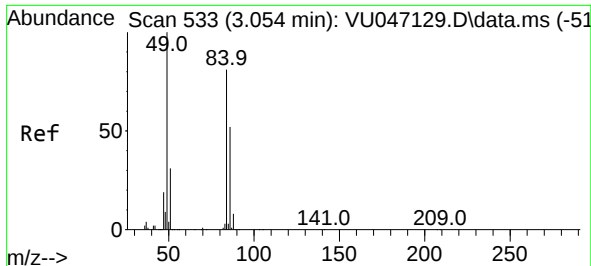
Tgt Ion: 76 Resp: 43868

Ion Ratio Lower Upper

76 100

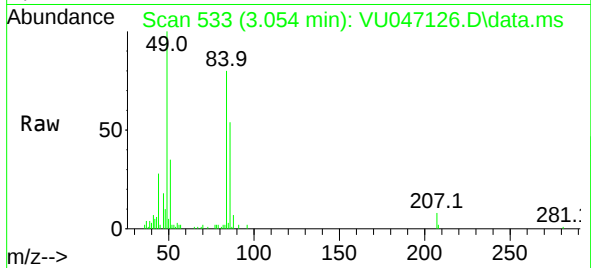
78 8.2 7.1 10.7





#15
Methylene Chloride
Concen: 0.907 ug/l
RT: 3.054 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

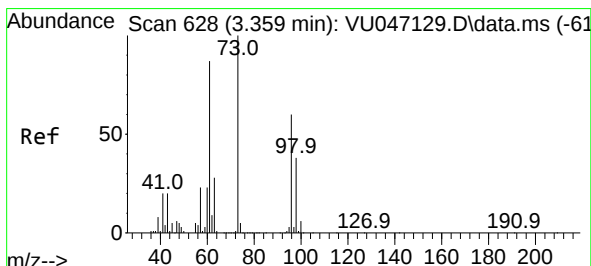
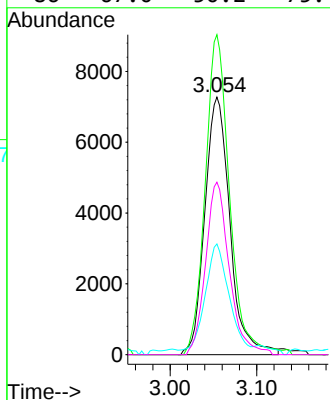
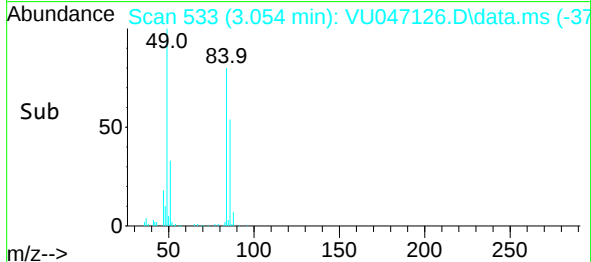
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



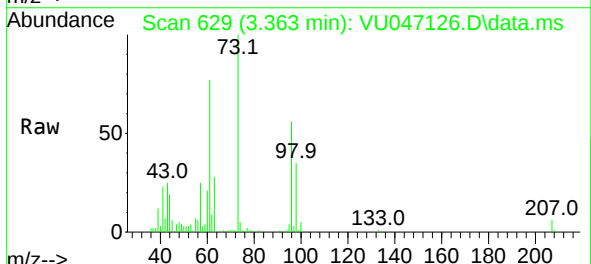
Tgt Ion: 84 Resp: 14680
Ion Ratio Lower Upper
84 100
49 124.3 97.2 145.8
51 41.3 0.0 73.4
86 67.0 50.2 75.4

Manual Integrations
APPROVED

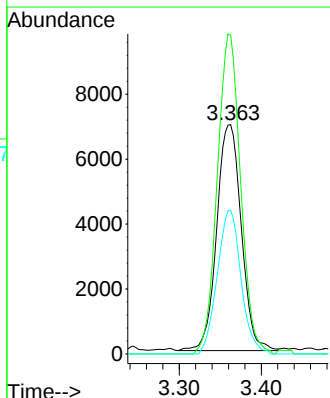
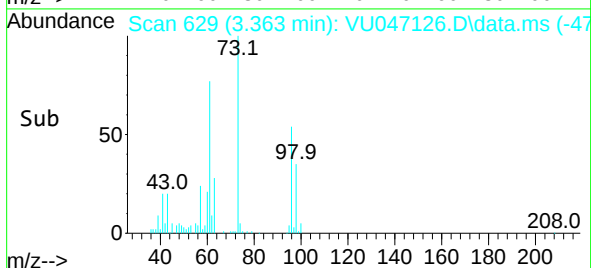
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

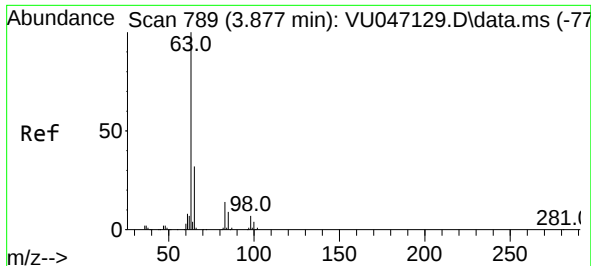


#16
trans-1,2-Dichloroethene
Concen: 1.009 ug/l
RT: 3.363 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36



Tgt Ion: 96 Resp: 14520
Ion Ratio Lower Upper
96 100
61 141.2 115.8 173.6
98 63.6 51.1 76.7





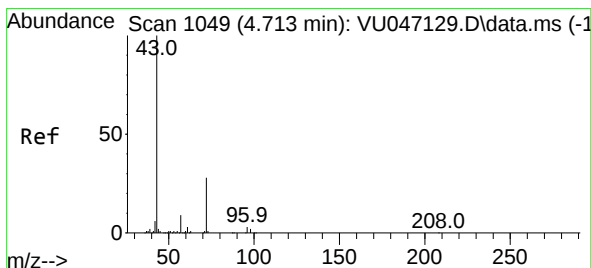
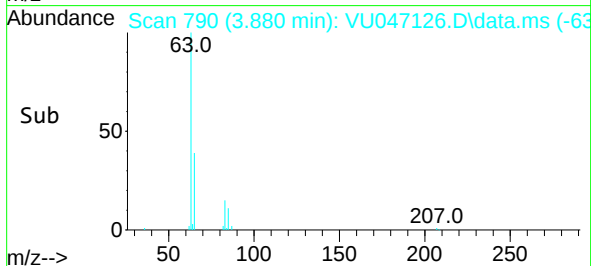
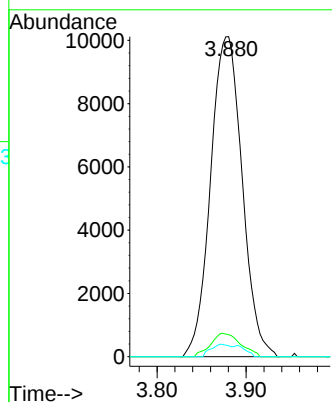
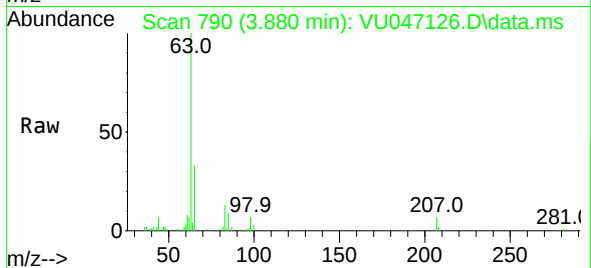
#17
1,1-Dichloroethane
Concen: 0.891 ug/l
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 2490
Ion Ratio Lower Upper
63 100
98 6.8 3.6 10.8
100 3.4 2.1 6.5

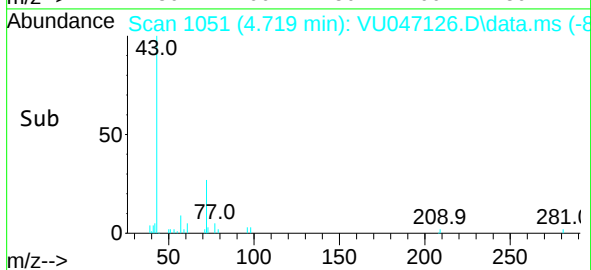
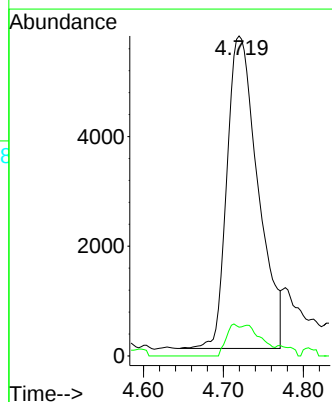
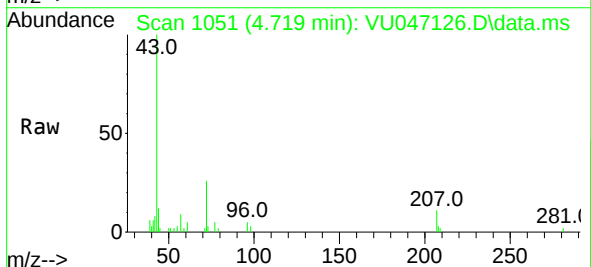
Manual Integrations
APPROVED

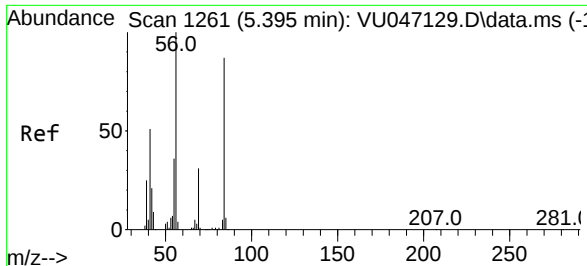
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#18
2-Butanone
Concen: 2.943 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.007 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

Tgt Ion: 43 Resp: 15356
Ion Ratio Lower Upper
43 100
57 9.2 0.0 16.6





#19

Cyclohexane

Concen: 0.997 ug/l m

RT: 5.391 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 56 Resp: 22929

Ion Ratio Lower Upper

56 100

69 33.0 24.7 37.1

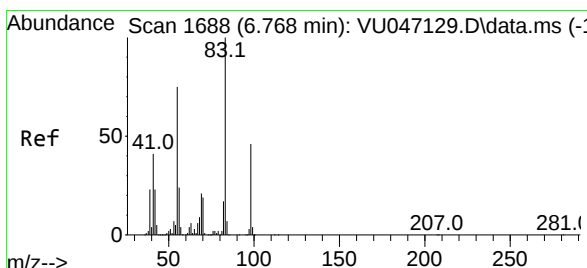
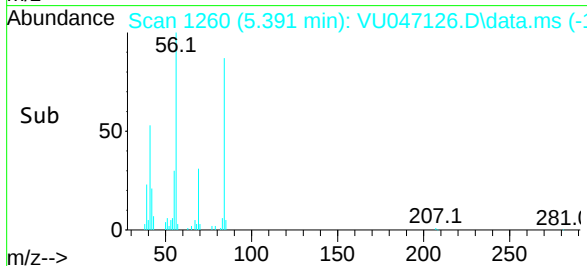
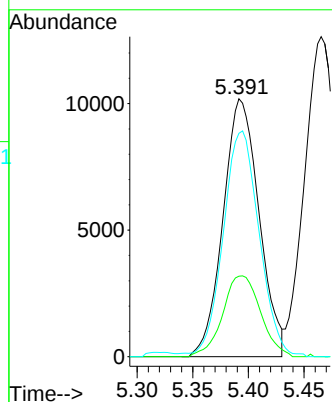
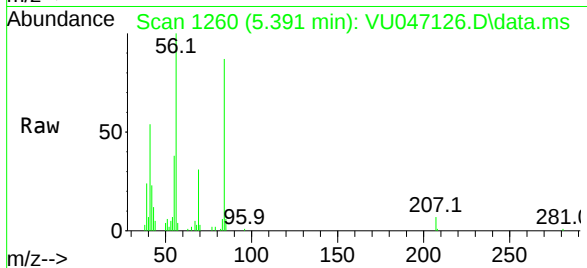
84 85.6 68.8 103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#20

Methylcyclohexane

Concen: 1.133 ug/l

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

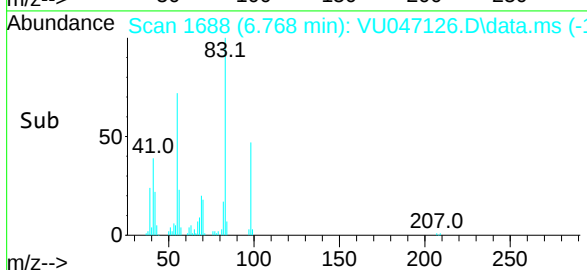
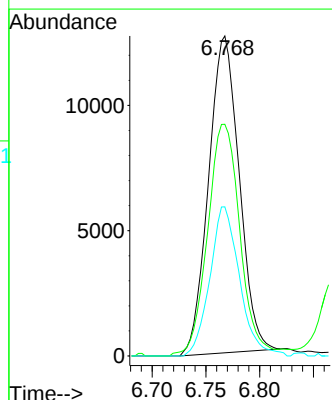
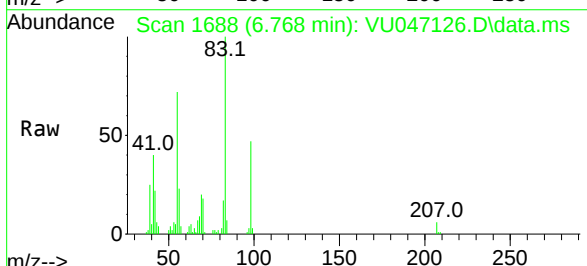
Tgt Ion: 83 Resp: 25020

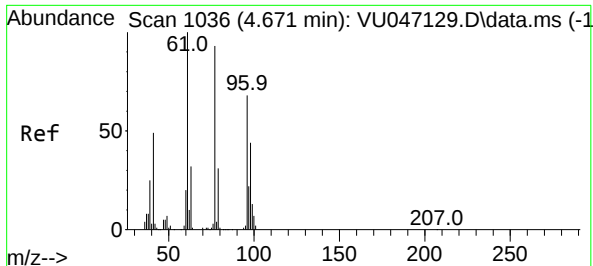
Ion Ratio Lower Upper

83 100

55 74.0 61.9 92.9

98 45.7 37.4 56.2





#21

2,2-Dichloropropane

Concen: 1.034 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 77 Resp: 2210

Ion Ratio Lower Upper

77 100

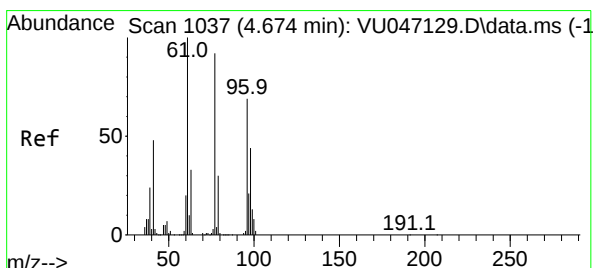
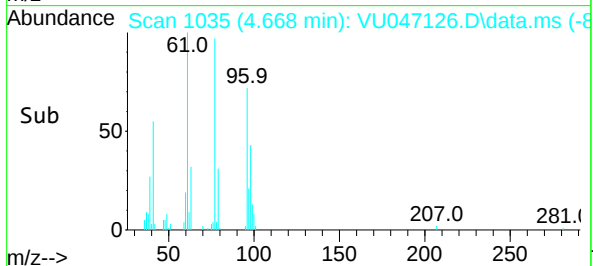
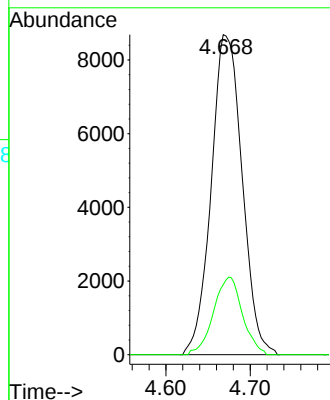
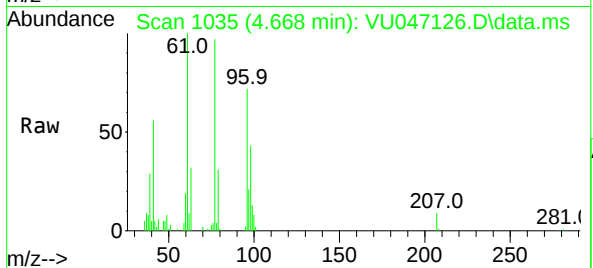
97 22.7 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#22

cis-1,2-Dichloroethene

Concen: 0.969 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

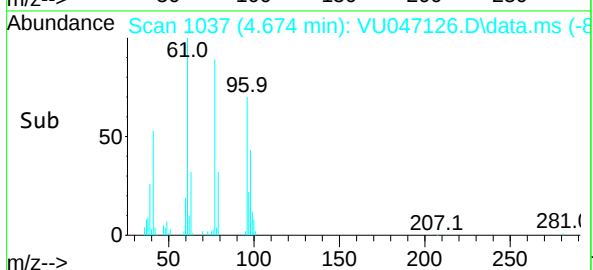
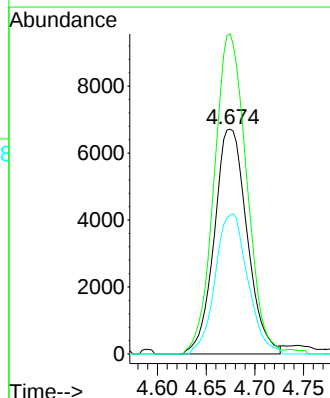
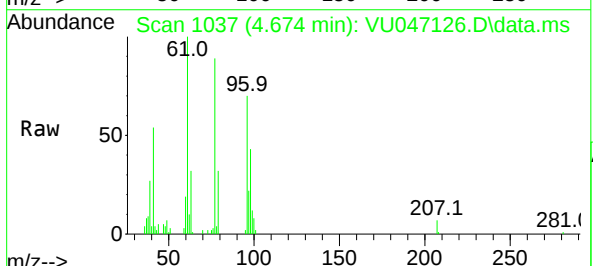
Tgt Ion: 96 Resp: 15693

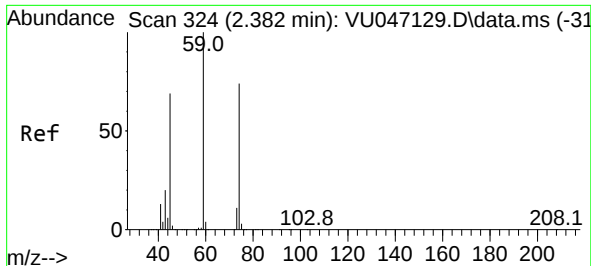
Ion Ratio Lower Upper

96 100

61 140.8 0.0 385.3

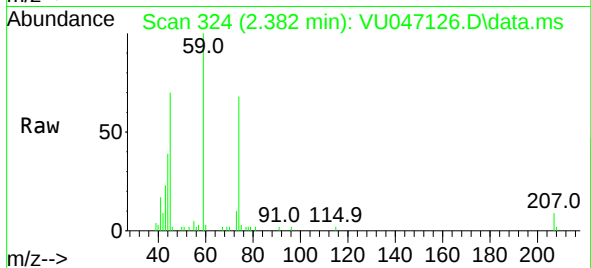
98 61.7 32.1 96.3





#23
Diethyl Ether
Concen: 0.902 ug/l
RT: 2.382 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

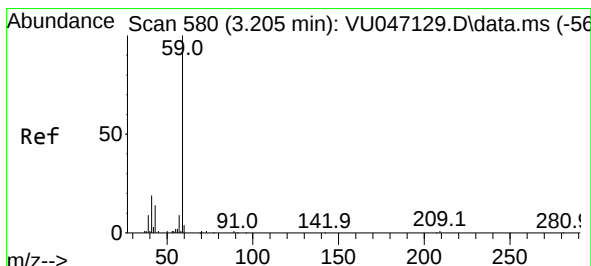
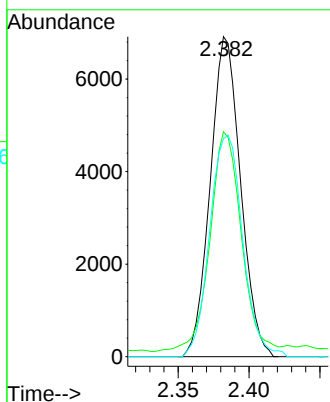
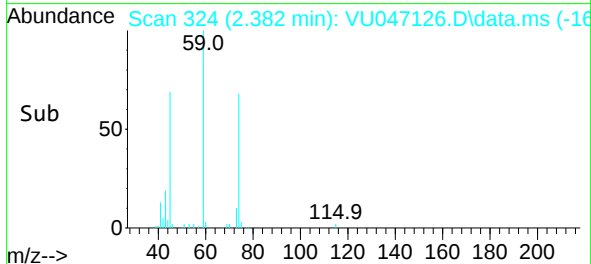
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



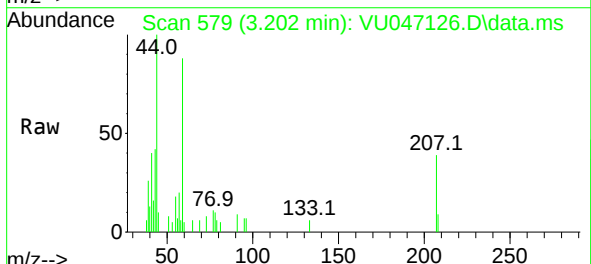
Tgt Ion: 59 Resp: 10280
Ion Ratio Lower Upper
59 100
45 70.7 55.6 83.4
74 75.2 58.1 87.1

Manual Integrations
APPROVED

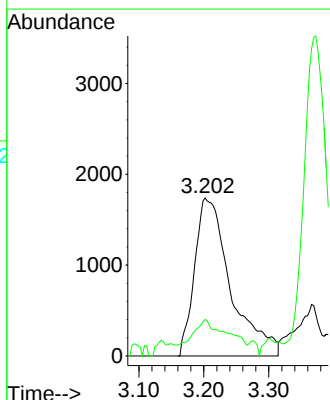
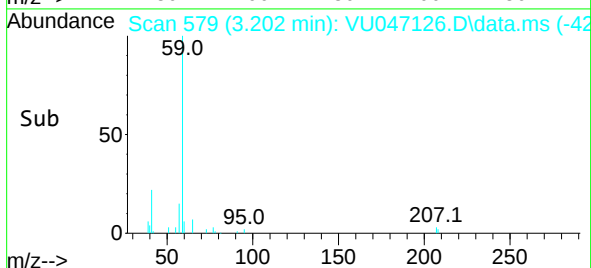
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

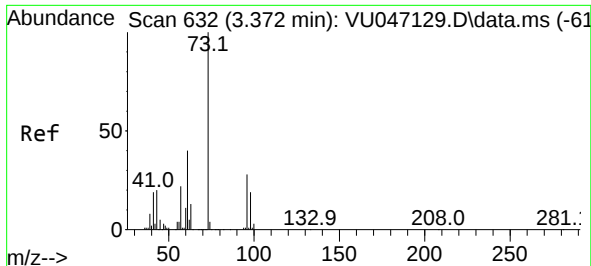


#24
tert-Butyl Alcohol
Concen: 6.561 ug/l
RT: 3.202 min Scan# 579
Delta R.T. -0.003 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36



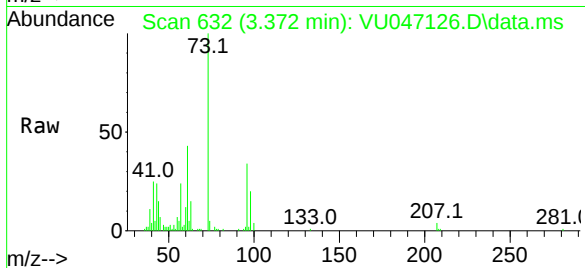
Tgt Ion: 59 Resp: 6708
Ion Ratio Lower Upper
59 100
57 13.0 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 0.961 ug/l
RT: 3.372 min Scan# 612
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

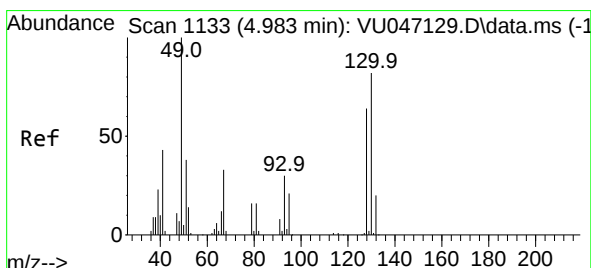
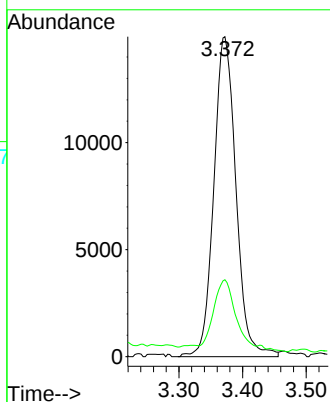
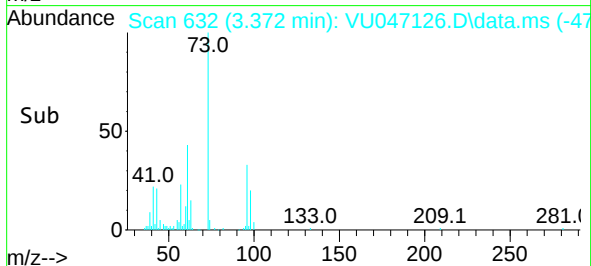
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



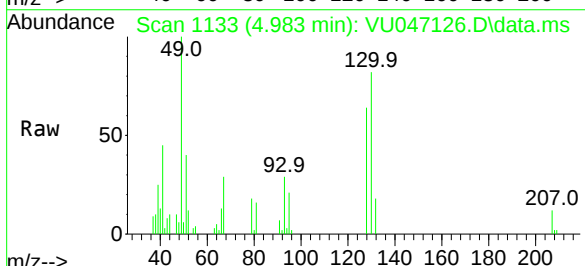
Tgt Ion: 73 Resp: 36120
Ion Ratio Lower Upper
73 100
43 19.1 16.3 24.5

Manual Integrations
APPROVED

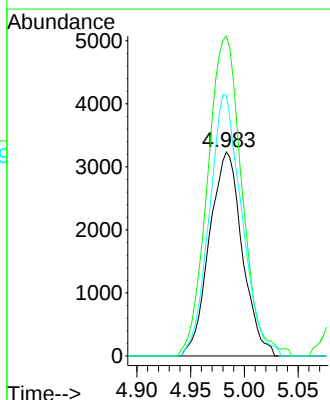
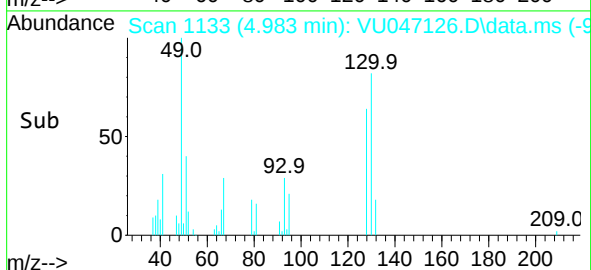
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

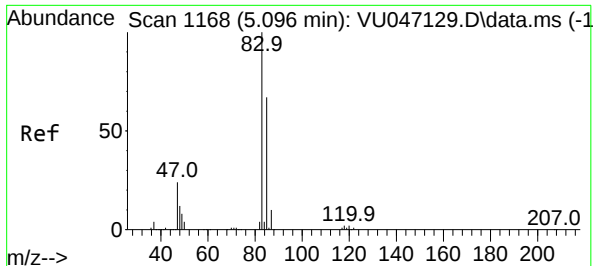


#26
Bromochloromethane
Concen: 0.886 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36



Tgt Ion:128 Resp: 6875
Ion Ratio Lower Upper
128 100
49 164.2 0.0 347.4
130 127.0 101.5 152.3





#27

Chloroform

Concen: 0.870 ug/l

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 83 Resp: 26092

Ion Ratio Lower Upper

83 100

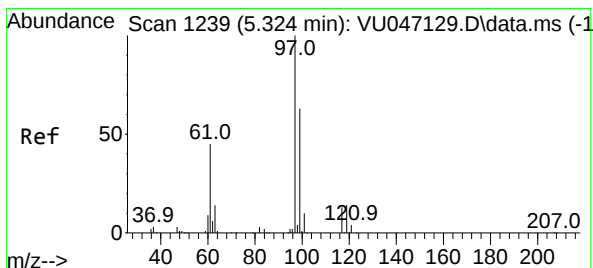
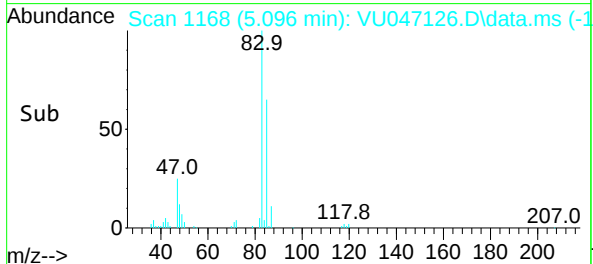
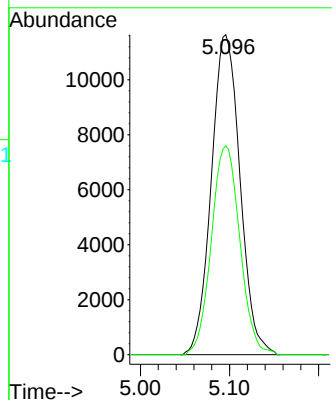
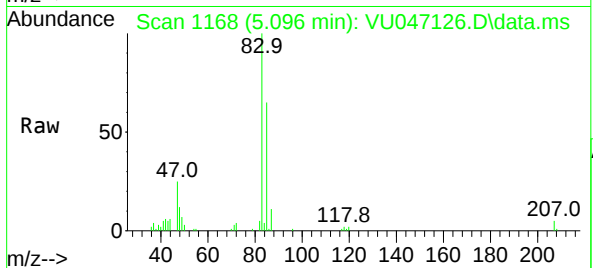
85 65.3 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#28

1,1,1-Trichloroethane

Concen: 0.942 ug/l

RT: 5.324 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

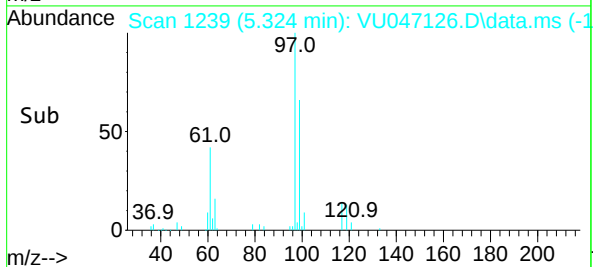
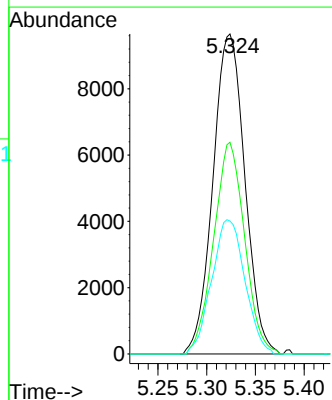
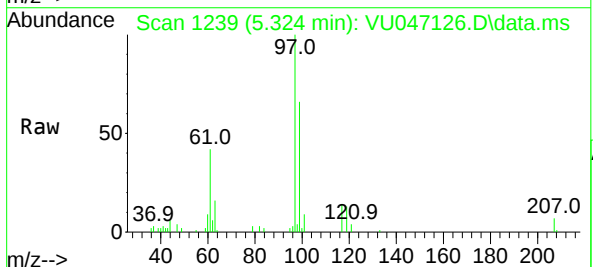
Tgt Ion: 97 Resp: 21994

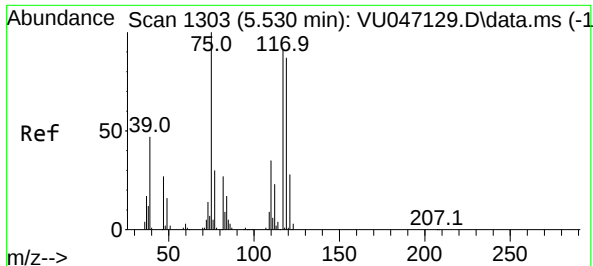
Ion Ratio Lower Upper

97 100

99 64.0 32.2 96.6

61 43.6 24.5 73.5





#29

1,1-Dichloropropene

Concen: 0.985 ug/l

RT: 5.533 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 75 Resp: 19814

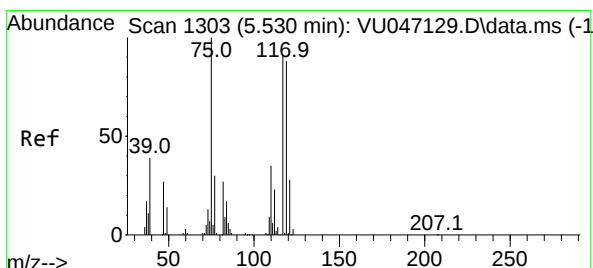
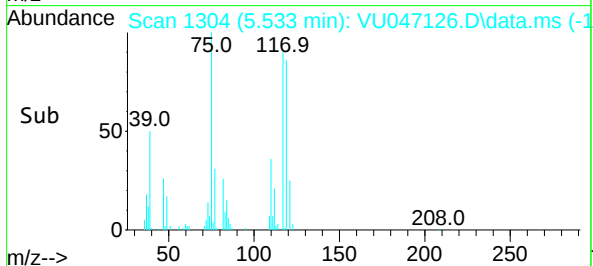
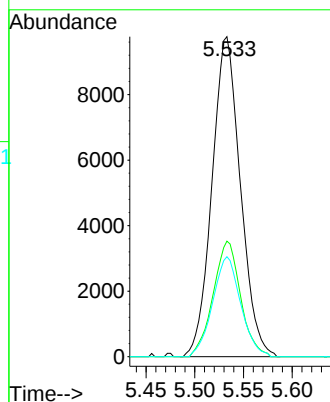
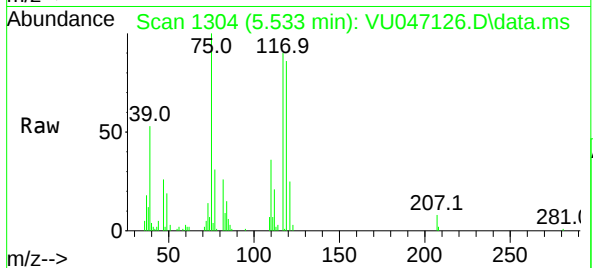
Ion	Ratio	Lower	Upper
75	100		
110	34.8	16.8	50.3
77	30.8	24.7	37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#30

Carbon Tetrachloride

Concen: 0.969 ug/l

RT: 5.530 min Scan# 1303

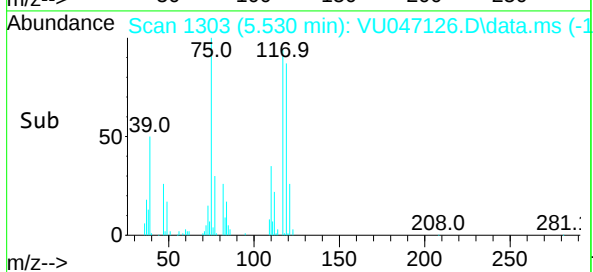
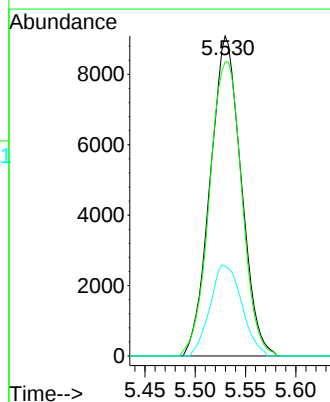
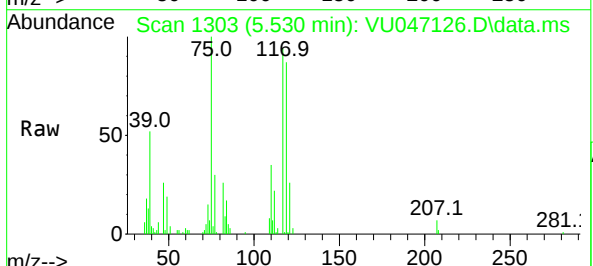
Delta R.T. 0.000 min

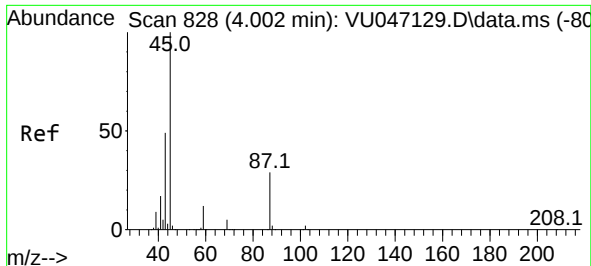
Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

Tgt Ion:117 Resp: 19444

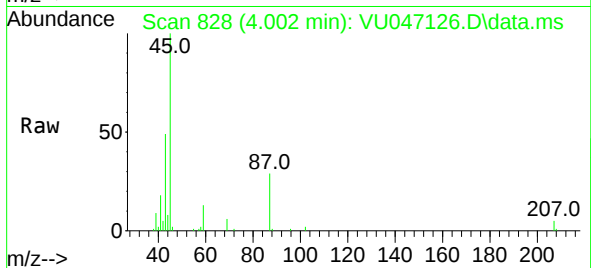
Ion	Ratio	Lower	Upper
117	100		
119	92.0	76.8	115.2
121	28.1	24.6	37.0





#31
Isopropyl Ether
Concen: 0.914 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

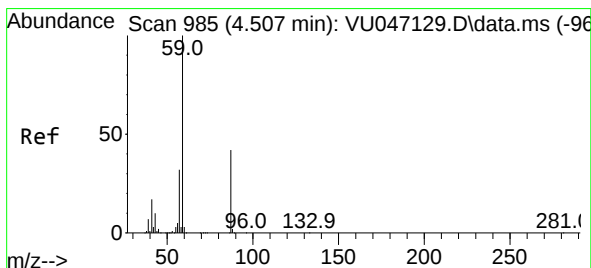
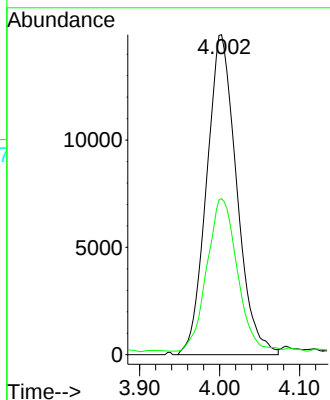
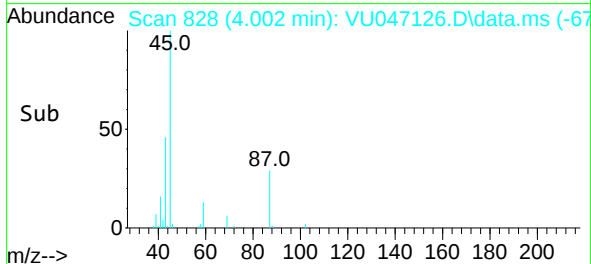
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



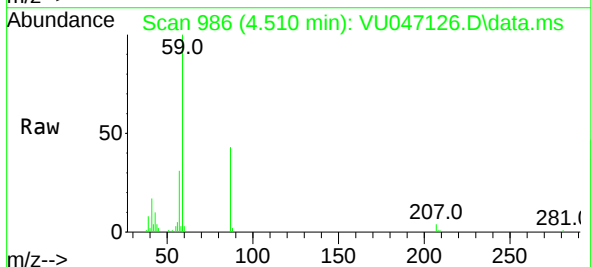
Tgt Ion: 45 Resp: 3888
Ion Ratio Lower Upper
45 100
43 48.0 25.3 75.8

Manual Integrations
APPROVED

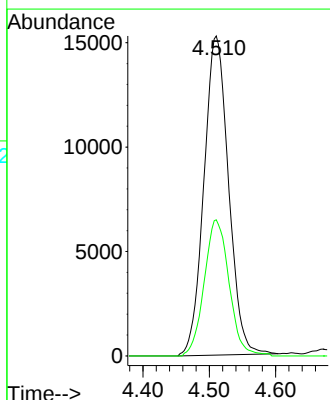
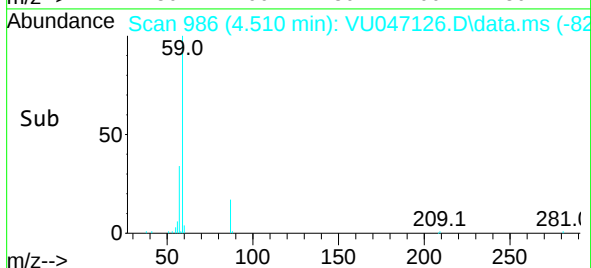
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

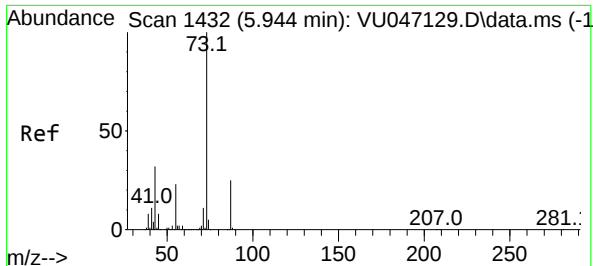


#32
Ethyl-t-butyl ether
Concen: 1.032 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36



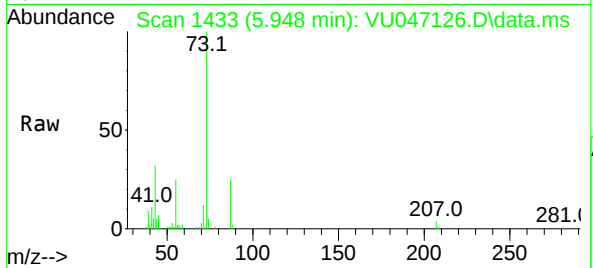
Tgt Ion: 59 Resp: 39454
Ion Ratio Lower Upper
59 100
87 43.2 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 1.052 ug/l
RT: 5.948 min Scan# 1432
Delta R.T. 0.003 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

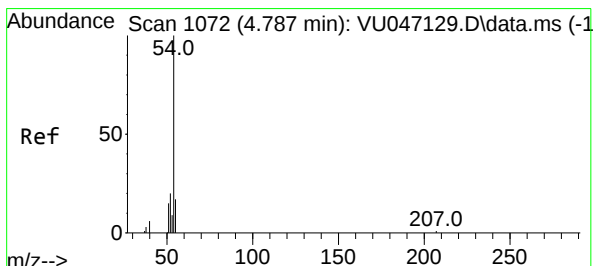
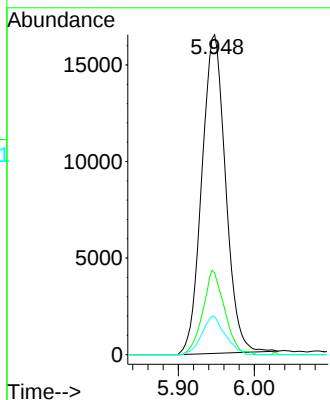
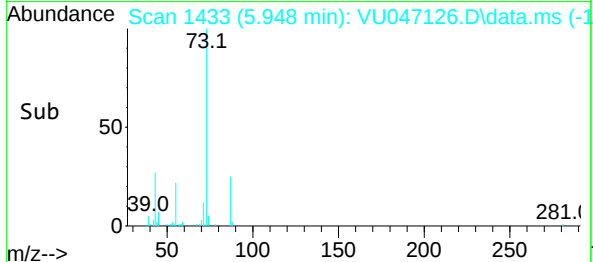
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



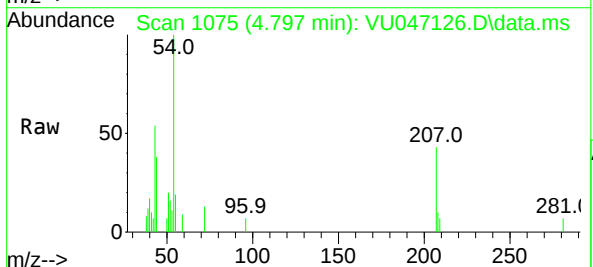
Tgt Ion: 73 Resp: 3585
Ion Ratio Lower Upper
73 100
87 24.2 18.6 28.0
71 11.8 9.0 13.6

Manual Integrations
APPROVED

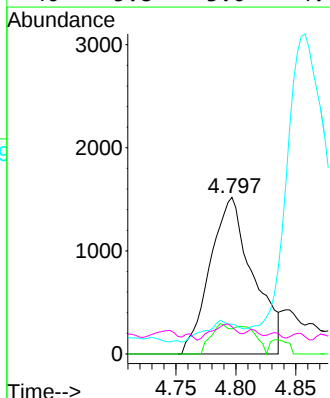
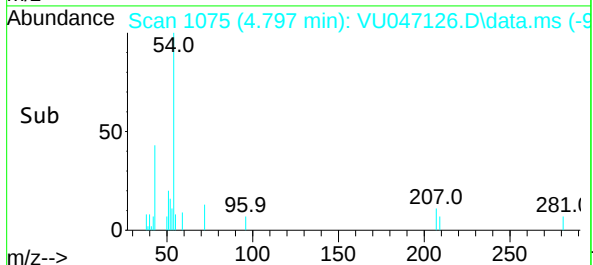
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

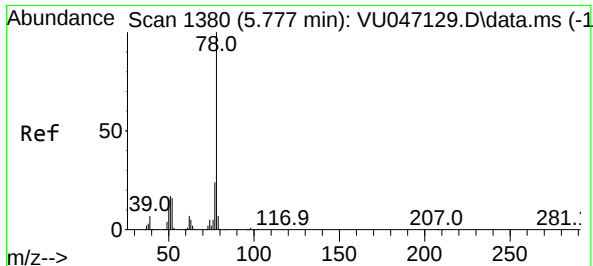


#34
Propionitrile
Concen: 2.435 ug/l
RT: 4.797 min Scan# 1075
Delta R.T. 0.010 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36



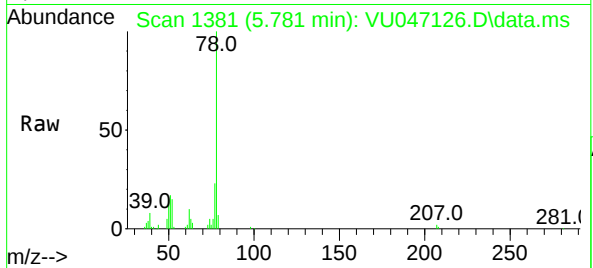
Tgt Ion: 54 Resp: 3779
Ion Ratio Lower Upper
54 100
52 9.0 11.9 17.9#
55 10.4 8.0 12.0
40 5.8 3.0 4.4#





#35
Benzene
Concen: 0.922 ug/l
RT: 5.781 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

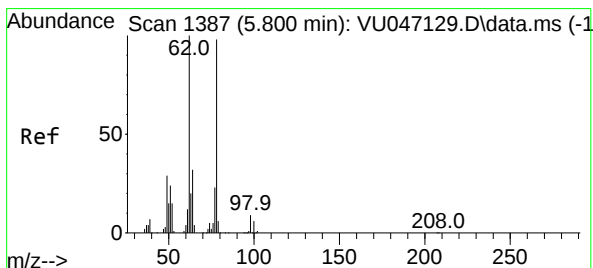
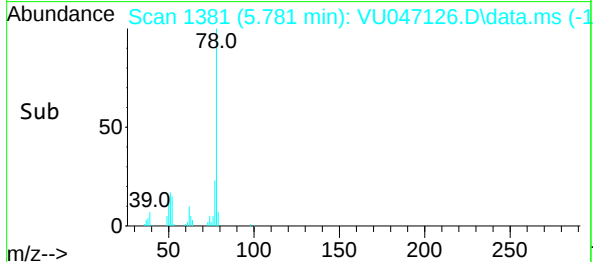
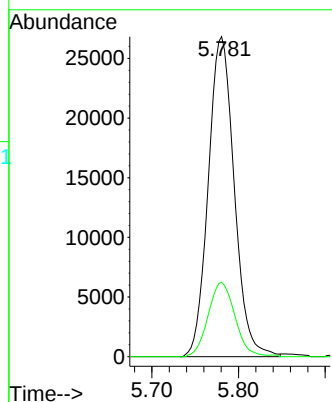
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 78 Resp: 5586
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7

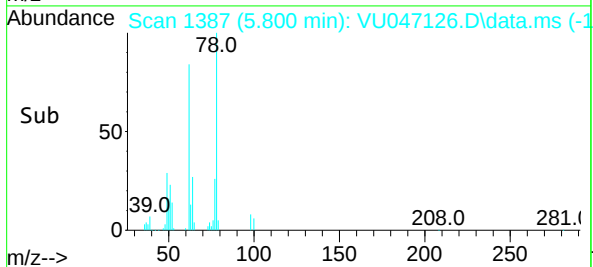
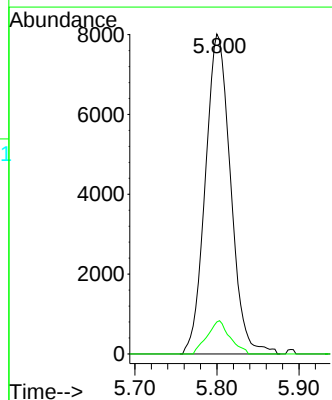
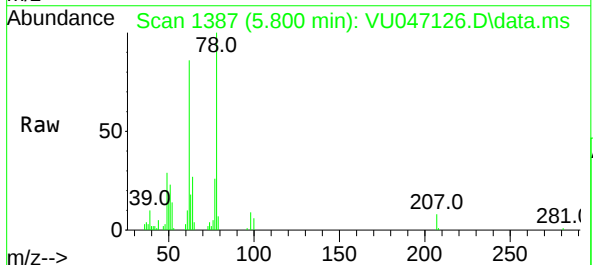
Manual Integrations
APPROVED

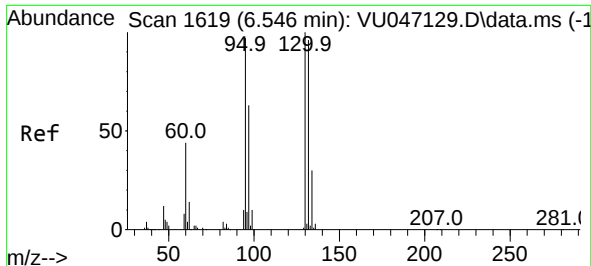
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#36
1,2-Dichloroethane
Concen: 0.929 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

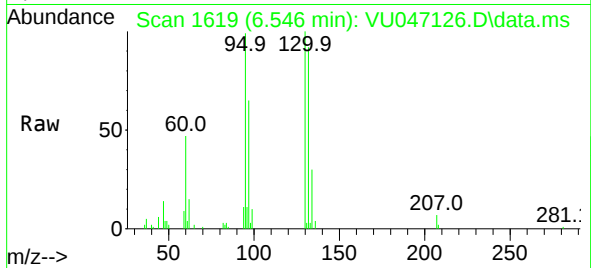
Tgt Ion: 62 Resp: 17140
Ion Ratio Lower Upper
62 100
98 9.3 7.3 10.9





#37
Trichloroethene
Concen: 1.013 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

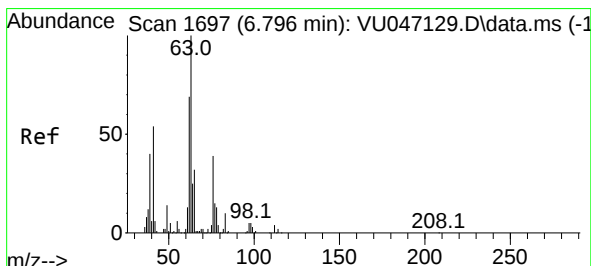
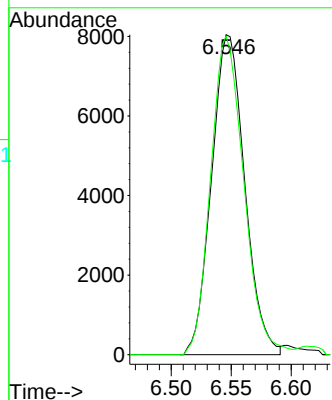
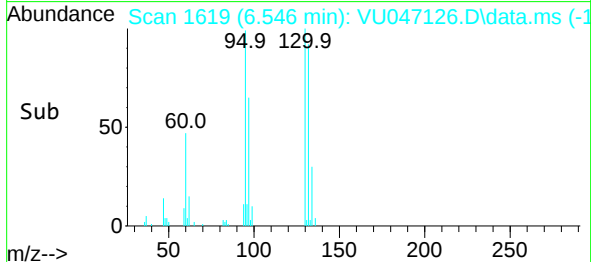
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



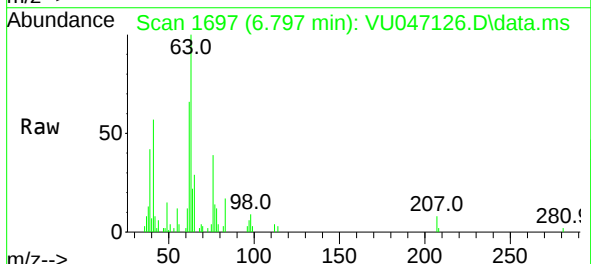
Tgt Ion:130 Resp: 15462
Ion Ratio Lower Upper
130 100
95 99.4 83.8 125.8

Manual Integrations
APPROVED

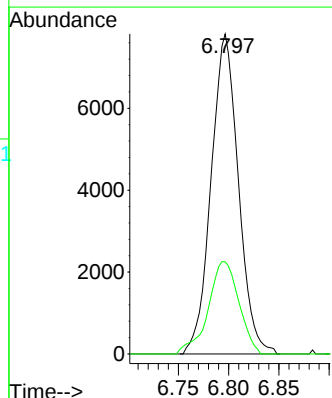
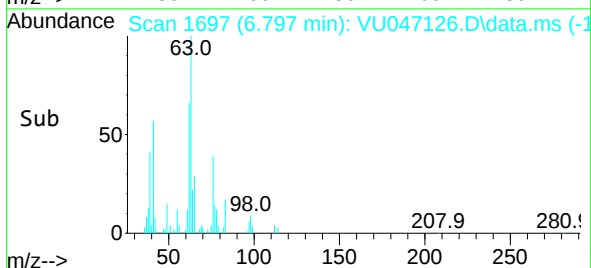
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

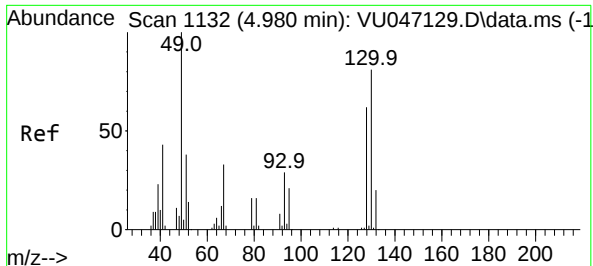


#38
1,2-Dichloropropane
Concen: 0.919 ug/l
RT: 6.797 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36



Tgt Ion: 63 Resp: 14751
Ion Ratio Lower Upper
63 100
65 28.8 24.7 37.1





#39

Methacrylonitrile

Concen: 0.829 ug/l

RT: 4.983 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 476

Ion Ratio Lower Upper

41 100

67 80.2 65.2 97.8

39 48.0 43.0 64.6

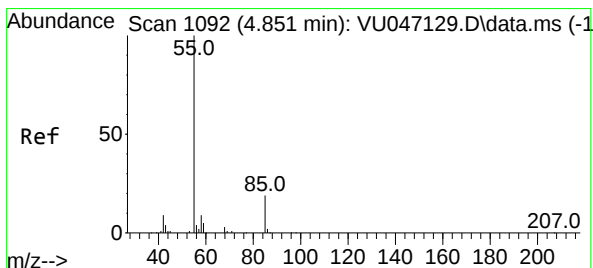
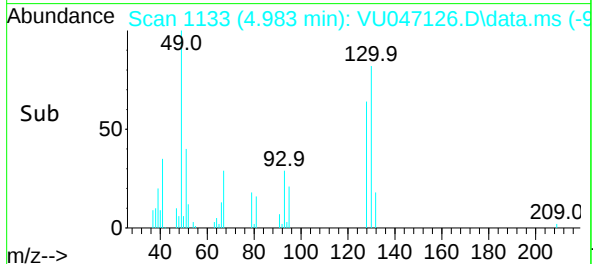
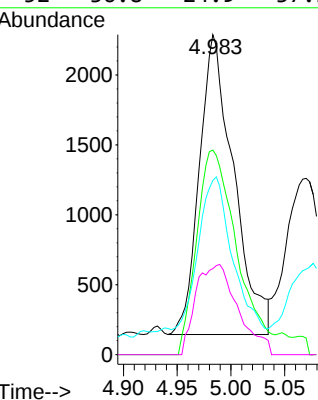
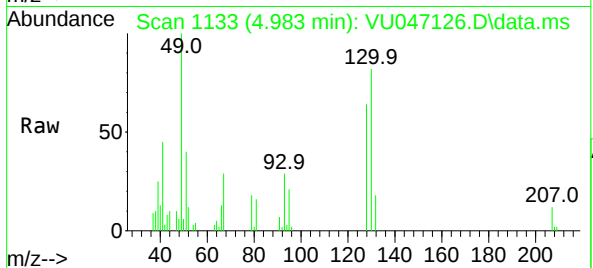
52 36.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#40

Methyl acrylate

Concen: 0.805 ug/l

RT: 4.858 min Scan# 1094

Delta R.T. 0.007 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

Tgt Ion: 55 Resp: 7061

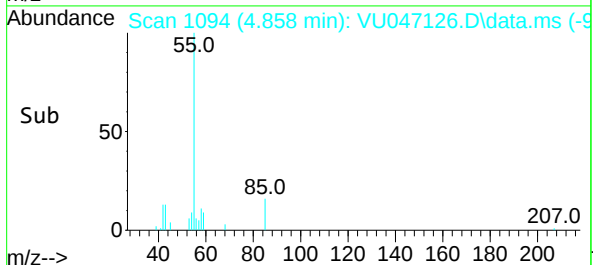
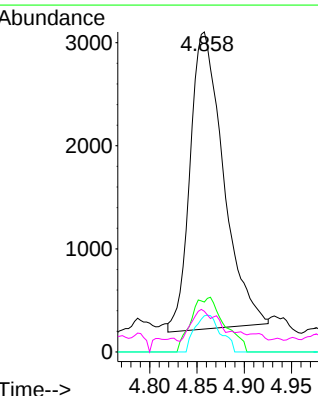
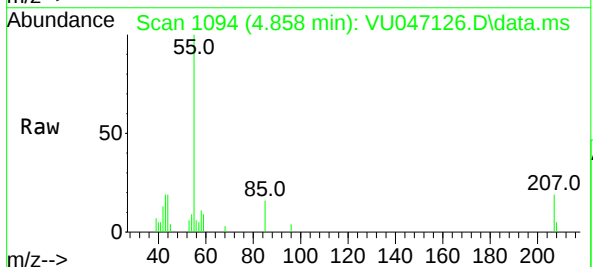
Ion Ratio Lower Upper

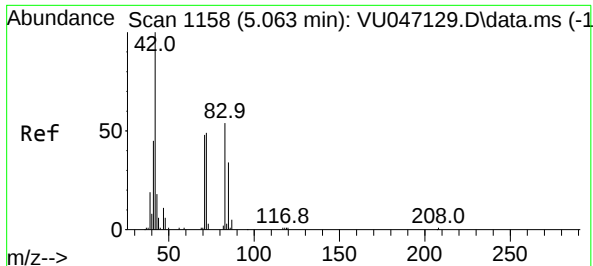
55 100

85 18.5 12.2 18.2#

58 9.6 6.7 10.1

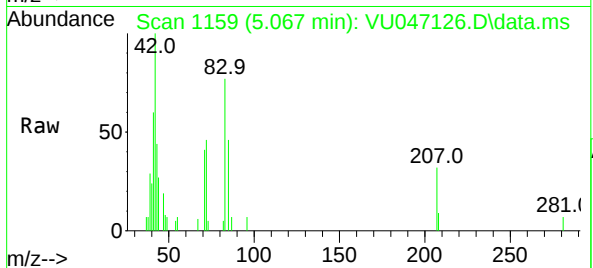
42 8.5 6.9 10.3





#41
Tetrahydrofuran
Concen: 1.428 ug/l
RT: 5.067 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

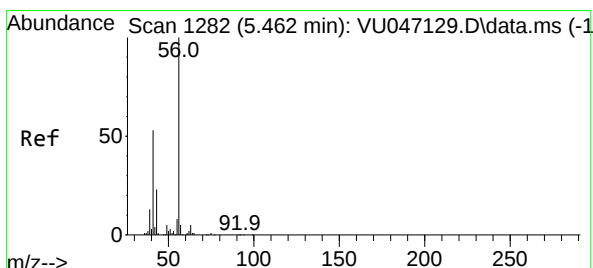
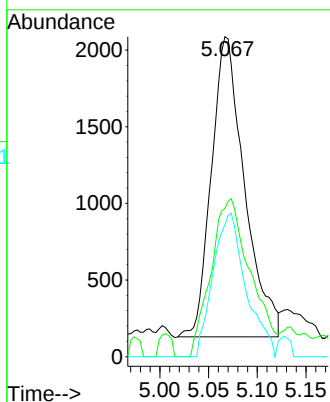
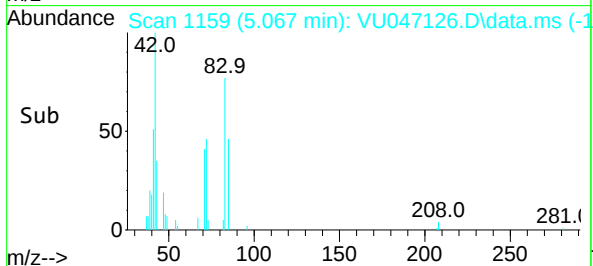
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



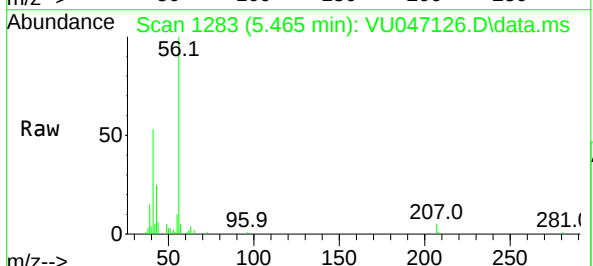
Tgt Ion: 42 Resp: 4629
Ion Ratio Lower Upper
42 100
72 63.2 42.4 63.6
71 47.3 36.4 54.6

Manual Integrations
APPROVED

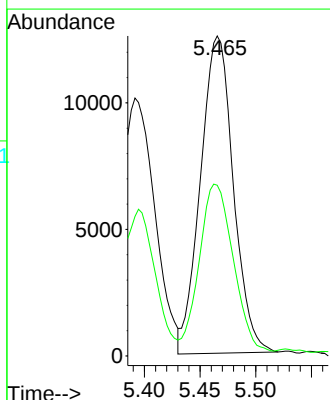
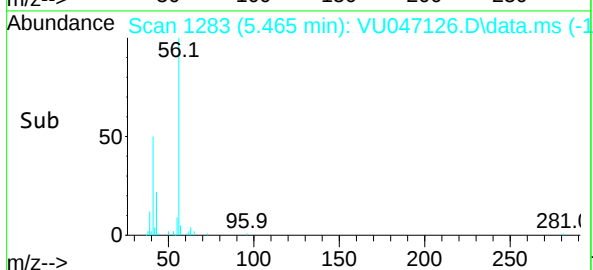
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

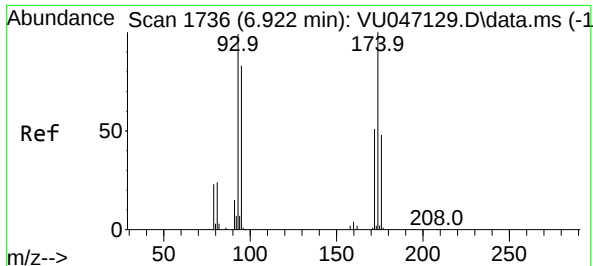


#42
1-Chlorobutane
Concen: 0.894 ug/l
RT: 5.465 min Scan# 1283
Delta R.T. 0.003 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36



Tgt Ion: 56 Resp: 25737
Ion Ratio Lower Upper
56 100
41 53.9 26.0 78.0





#43

Dibromomethane

Concen: 0.907 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

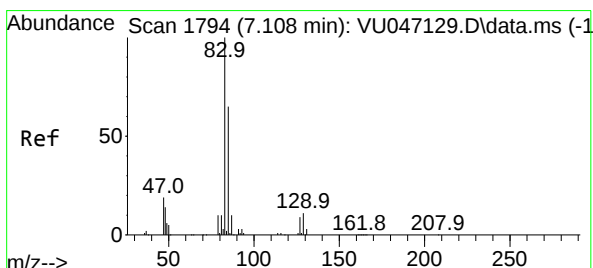
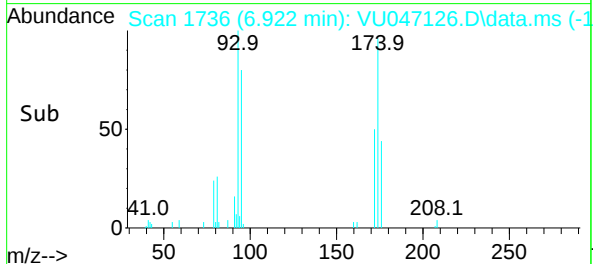
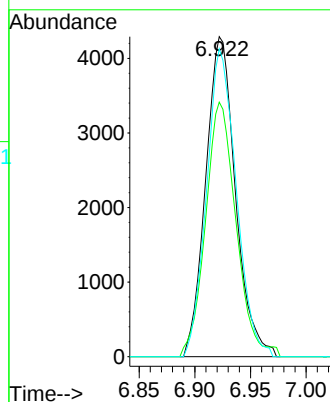
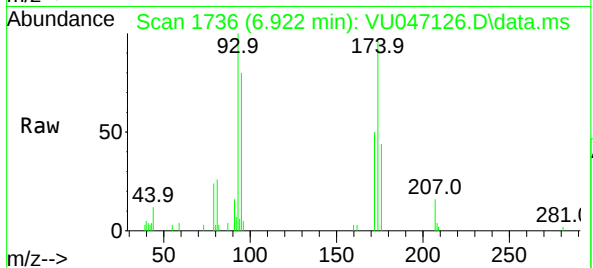
Tgt Ion:	93	Resp:	7969
Ion Ratio	Lower	Upper	
93	100		
95	81.5	66.2	99.2
174	95.8	70.7	106.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#44

Bromodichloromethane

Concen: 0.895 ug/l

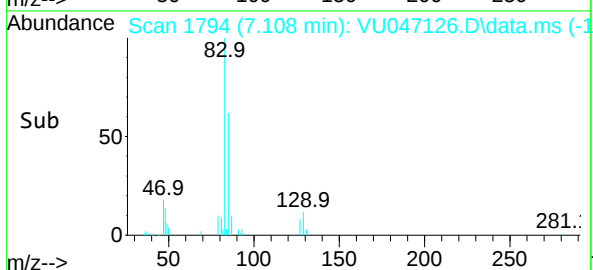
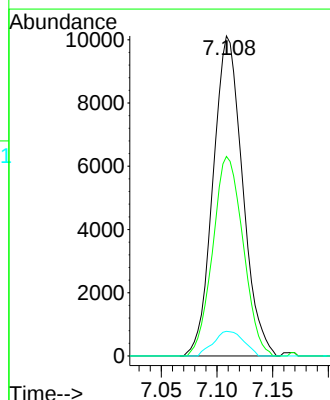
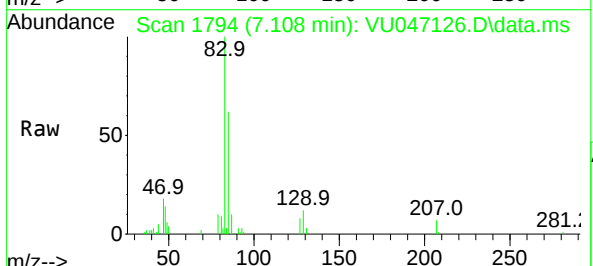
RT: 7.108 min Scan# 1794

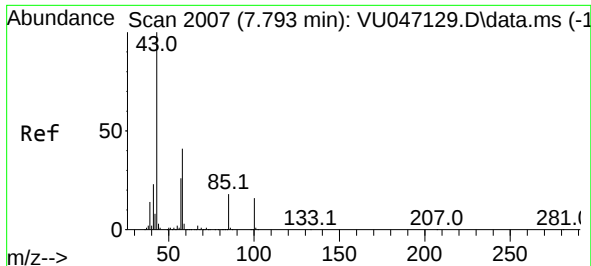
Delta R.T. 0.000 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

Tgt Ion:	83	Resp:	18641
Ion Ratio	Lower	Upper	
83	100		
85	62.3	50.9	76.3
127	7.7	6.0	9.0





#45

4-Methyl-2-Pentanone

Concen: 4.531 ug/l

RT: 7.797 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 49000

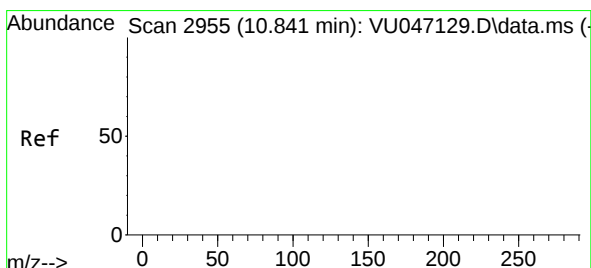
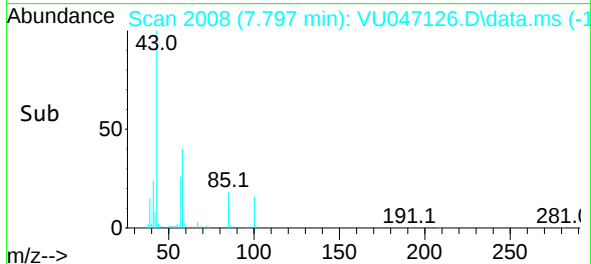
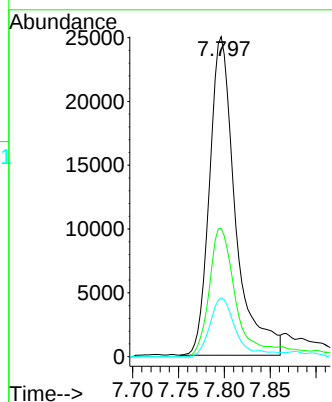
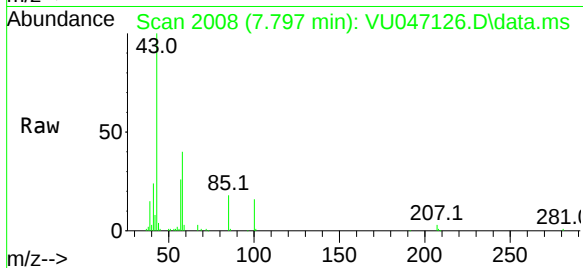
Ion	Ratio	Lower	Upper
43	100		
58	40.7	21.0	63.0
85	18.7	14.8	22.2

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: 2.061 ug/l m

RT: 10.838 min Scan# 2954

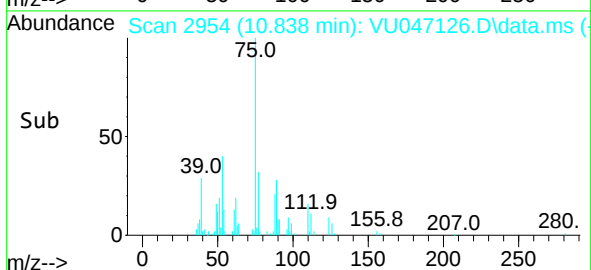
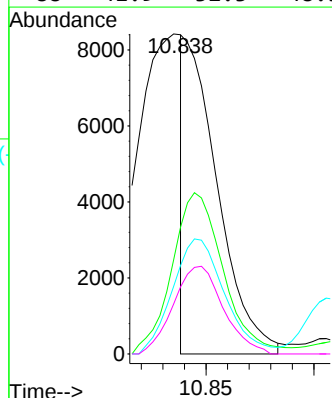
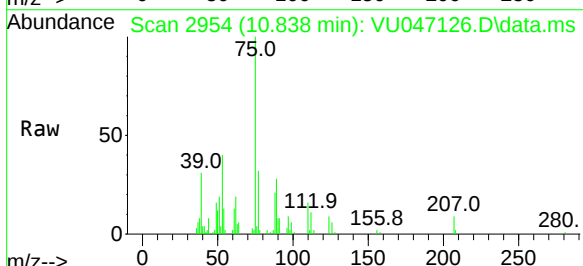
Delta R.T. -0.003 min

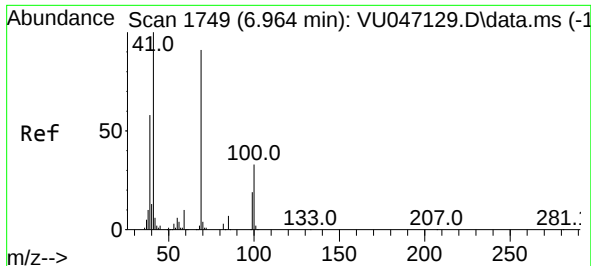
Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

Tgt Ion: 75 Resp: 8874

Ion	Ratio	Lower	Upper
75	100		
53	79.4	66.8	100.2
89	57.5	41.7	62.5
88	41.9	32.3	48.5





#47

Methyl methacrylate

Concen: 2.076 ug/l

RT: 6.967 min Scan# 1749

Delta R.T. 0.003 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 69 Resp: 16124

Ion Ratio Lower Upper

69 100

41 109.2 0.0 230.0

39 60.5 55.1 82.7

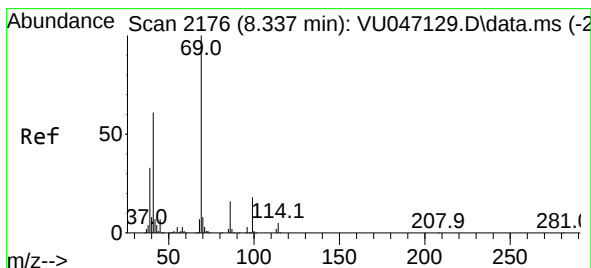
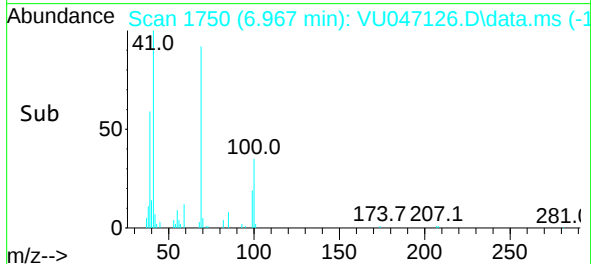
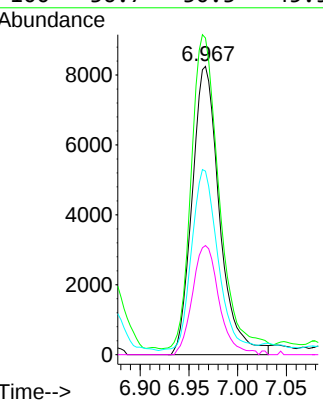
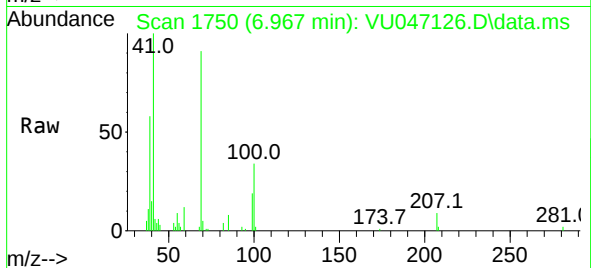
100 36.7 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#48

Ethyl methacrylate

Concen: 1.108 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU047126.D

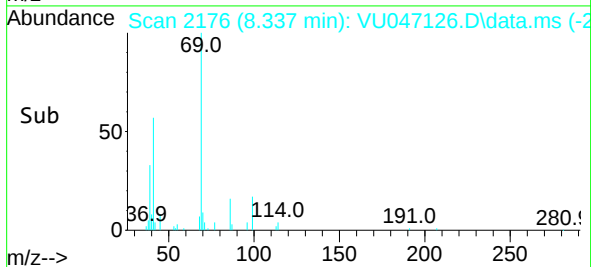
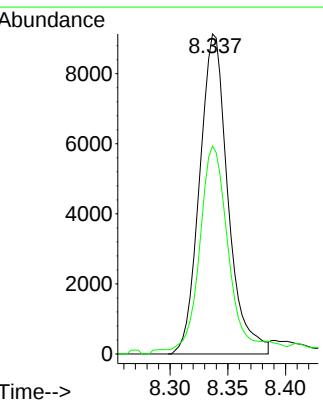
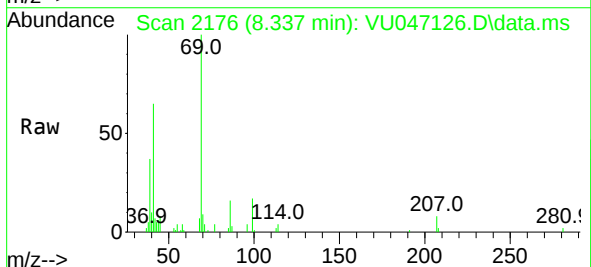
Acq: 14 Feb 2022 10:36

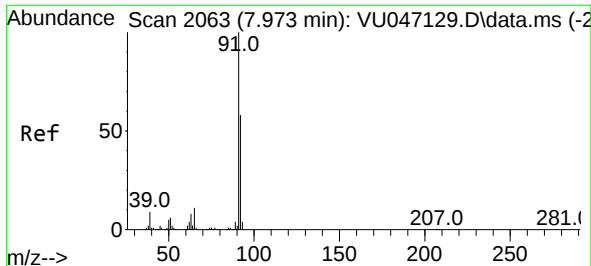
Tgt Ion: 69 Resp: 15598

Ion Ratio Lower Upper

69 100

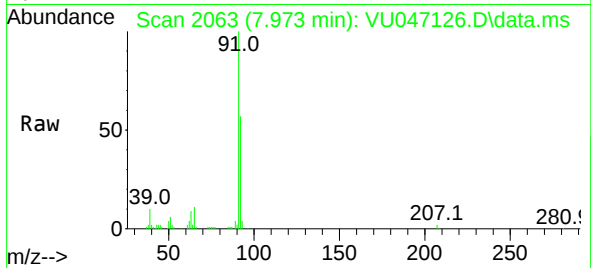
41 65.7 32.6 98.0





#49
Toluene
Concen: 0.998 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

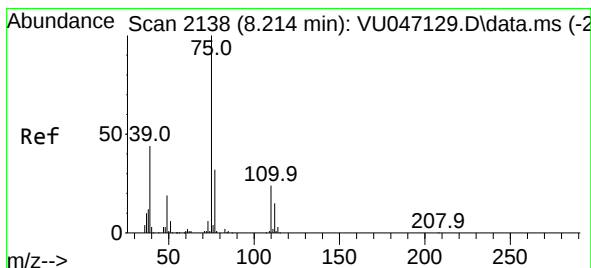
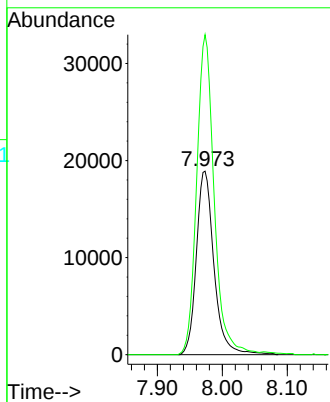
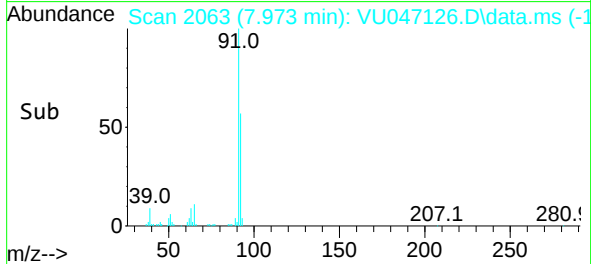
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 92 Resp: 3582
Ion Ratio Lower Upper
92 100
91 172.5 136.8 205.2

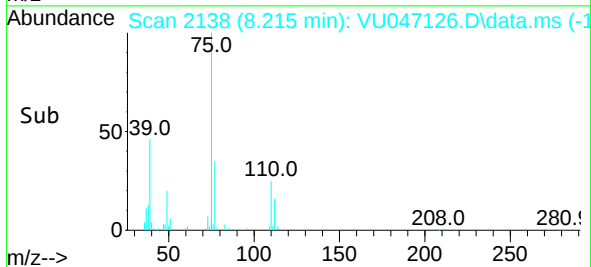
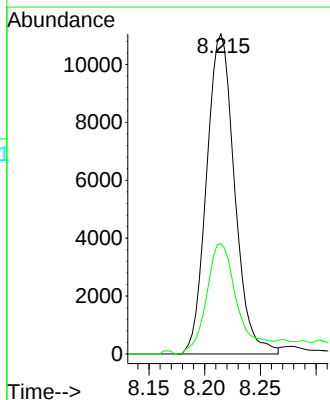
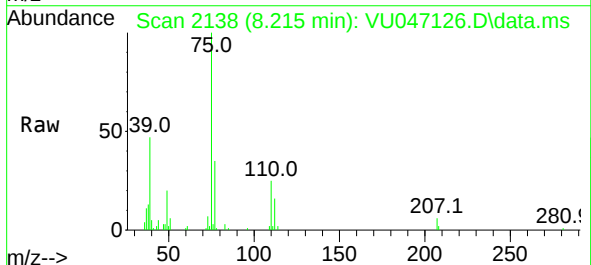
Manual Integrations
APPROVED

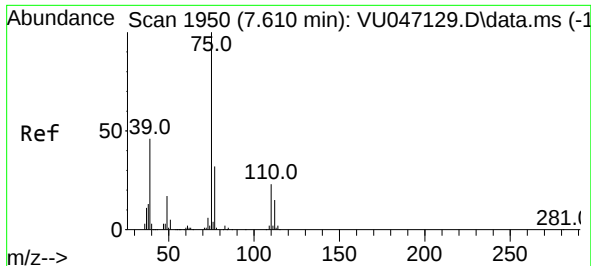
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#50
t-1,3-Dichloropropene
Concen: 1.060 ug/l
RT: 8.215 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

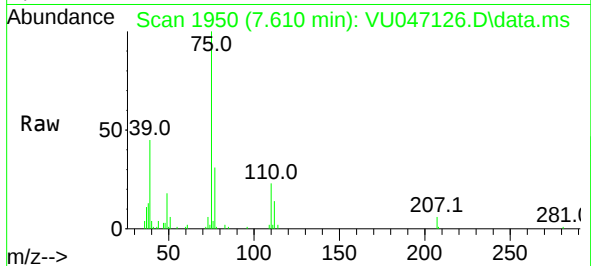
Tgt Ion: 75 Resp: 19323
Ion Ratio Lower Upper
75 100
77 34.5 25.6 38.4





#51
 cis-1,3-Dichloropropene
 Concen: 1.062 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU047126.D
 Acq: 14 Feb 2022 10:36

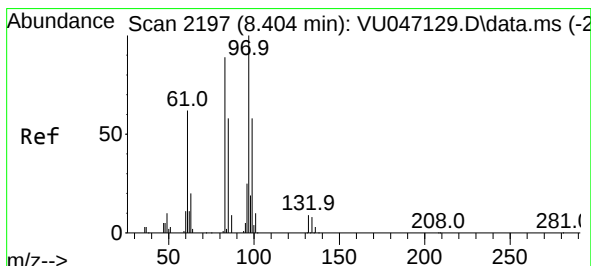
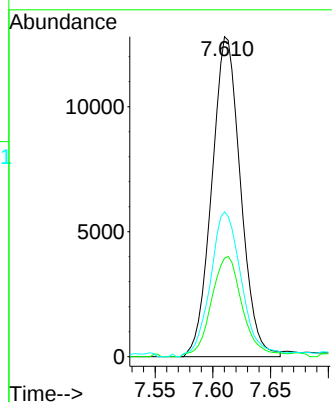
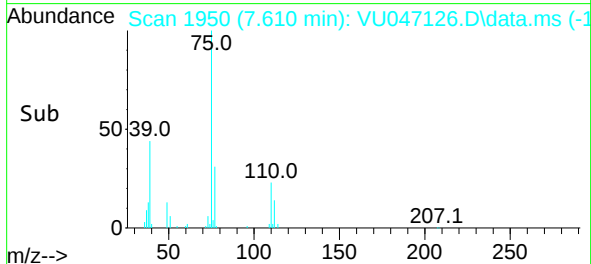
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



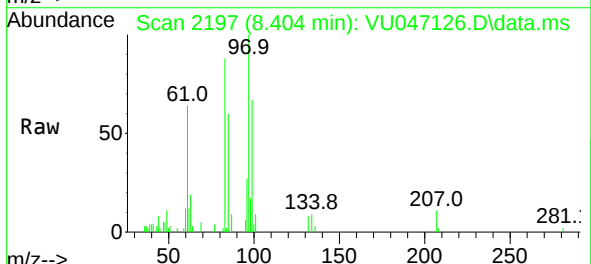
Tgt Ion: 75 Resp: 2220
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.2 37.8
 39 45.2 38.6 57.8

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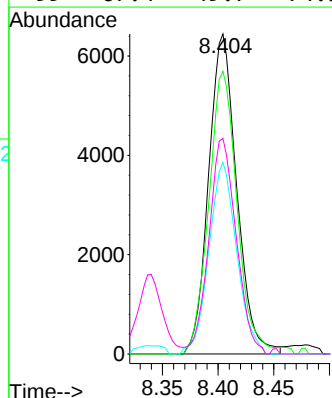
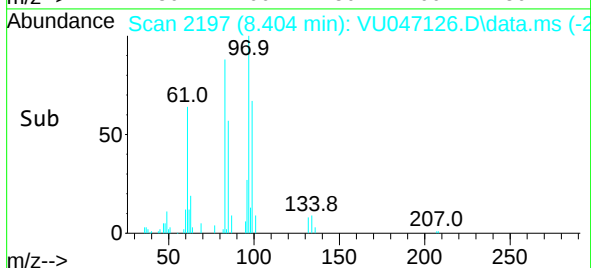
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022

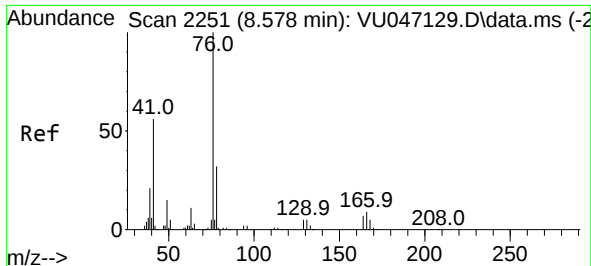


#52
 1,1,2-Trichloroethane
 Concen: 0.903 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: VU047126.D
 Acq: 14 Feb 2022 10:36



Tgt Ion: 97 Resp: 11317
 Ion Ratio Lower Upper
 97 100
 83 88.4 69.8 104.8
 85 59.9 44.2 66.4
 99 67.4 49.7 74.5





#53

1,3-Dichloropropane

Concen: 0.924 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 76 Resp: 1989

Ion Ratio Lower Upper

76 100

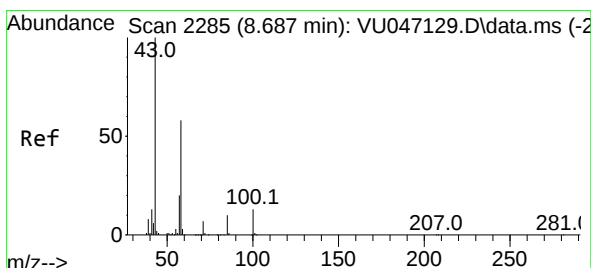
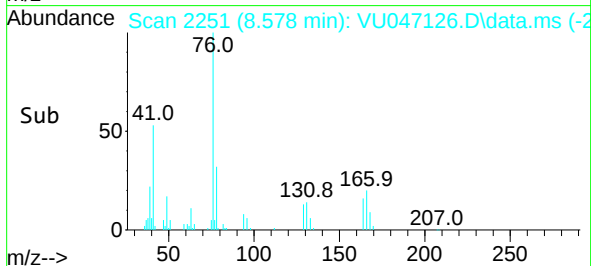
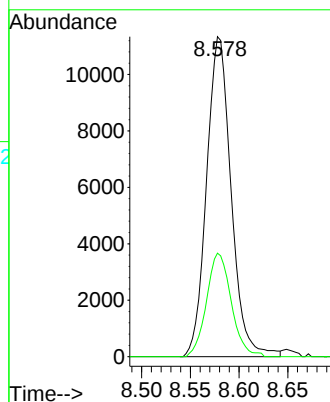
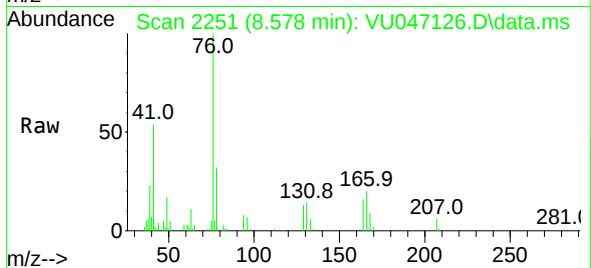
78 32.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#54

2-Hexanone

Concen: 5.003 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

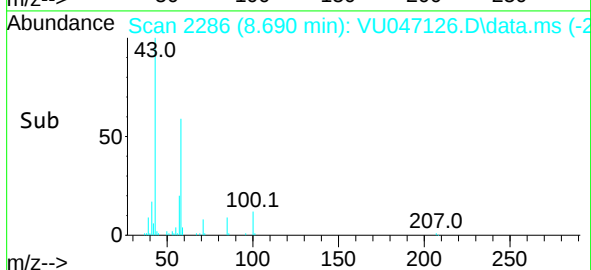
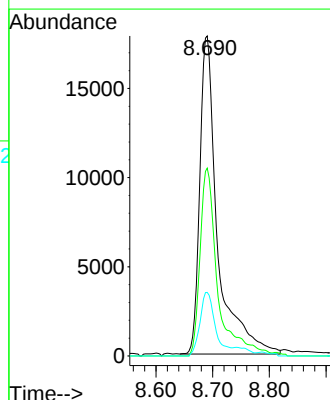
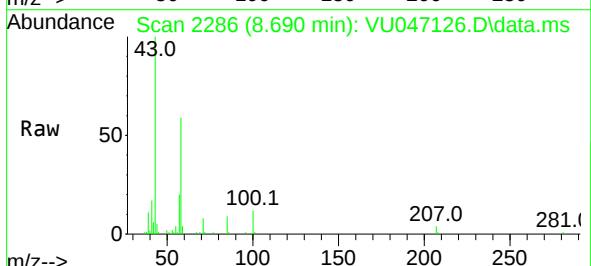
Tgt Ion: 43 Resp: 39016

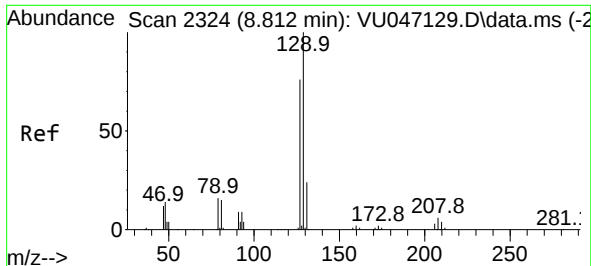
Ion Ratio Lower Upper

43 100

58 58.2 37.7 77.7

57 17.3 0.5 40.5





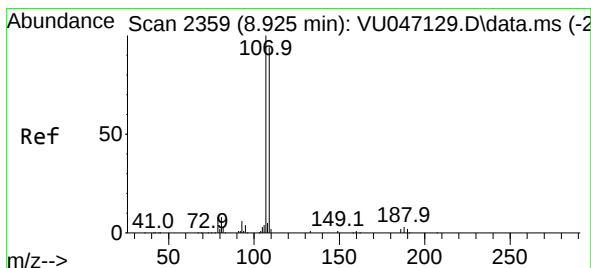
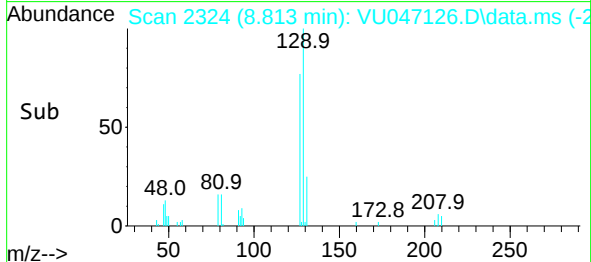
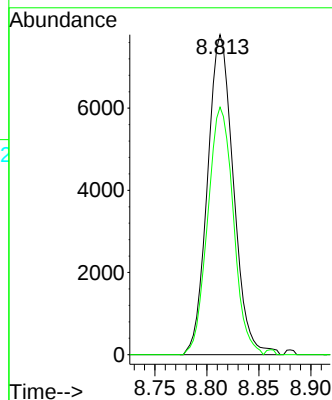
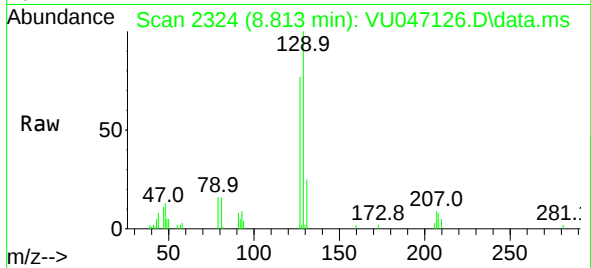
#55
Dibromochloromethane
Concen: 0.949 ug/l
RT: 8.813 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:129 Resp: 13500
Ion Ratio Lower Upper
129 100
127 76.6 62.2 93.4

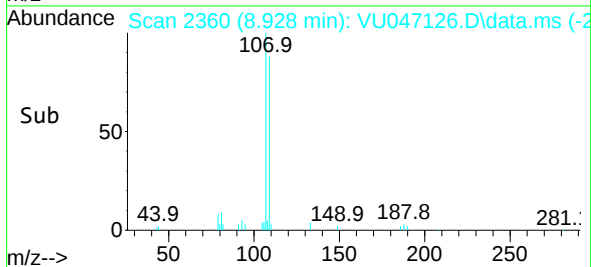
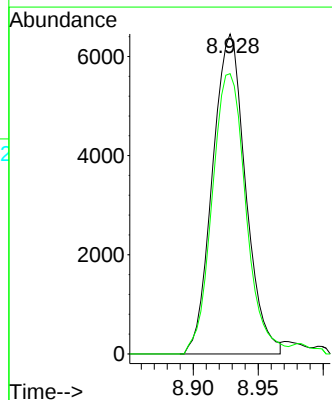
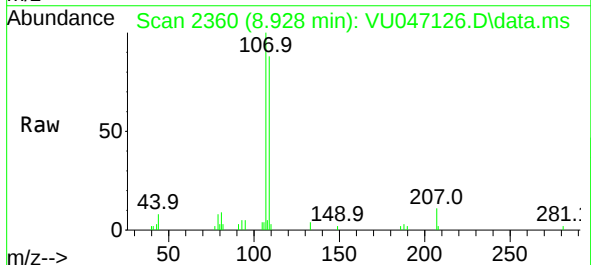
Manual Integrations
APPROVED

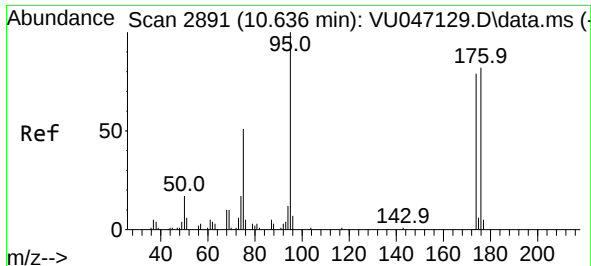
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#56
1,2-Dibromoethane
Concen: 0.980 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

Tgt Ion:107 Resp: 11438
Ion Ratio Lower Upper
107 100
109 89.5 0.0 185.0





#57

4-Bromofluorobenzene

Concen: 1.136 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.000 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

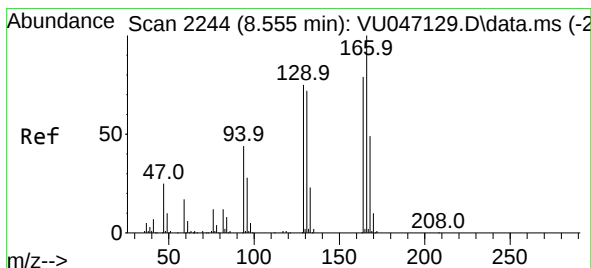
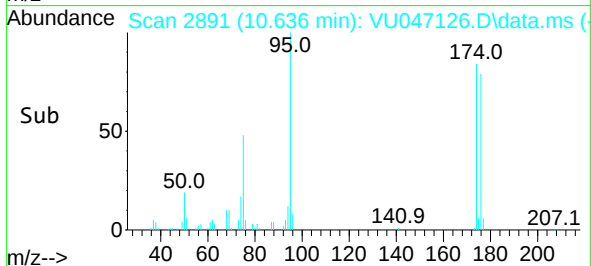
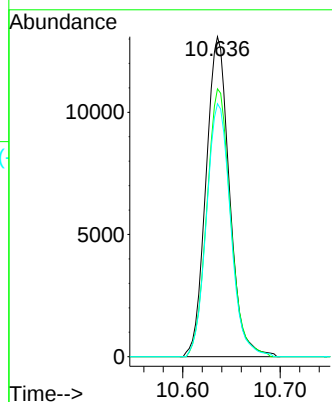
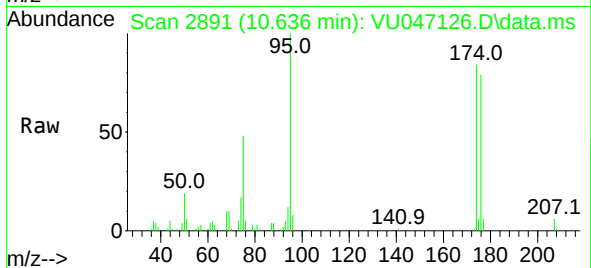
Tgt Ion:	95	Resp:	21938
Ion Ratio	Lower	Upper	
95	100		
174	84.8	56.6	84.8
176	81.1	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#58

Tetrachloroethene

Concen: 1.018 ug/l

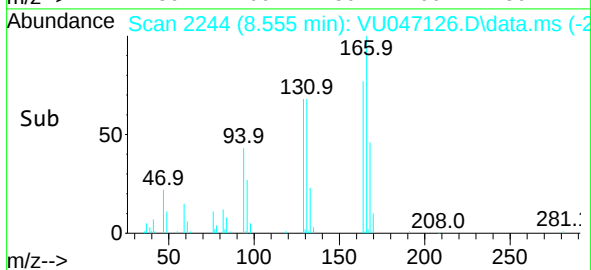
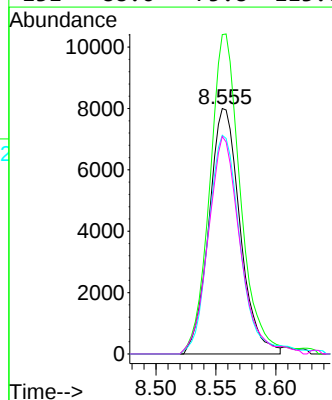
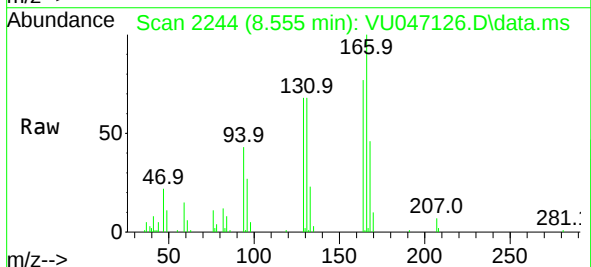
RT: 8.555 min Scan# 2244

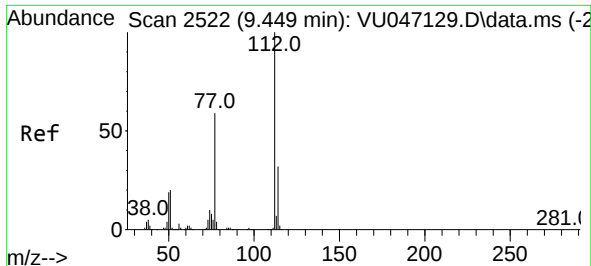
Delta R.T. 0.000 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

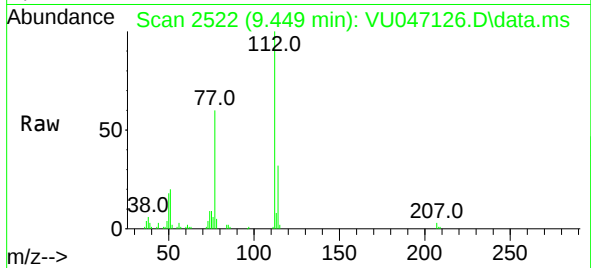
Tgt Ion:	164	Resp:	14400
Ion Ratio	Lower	Upper	
164	100		
166	130.1	102.0	153.0
129	89.1	77.1	115.7
131	88.6	75.8	113.6





#59
Chlorobenzene
Concen: 1.036 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

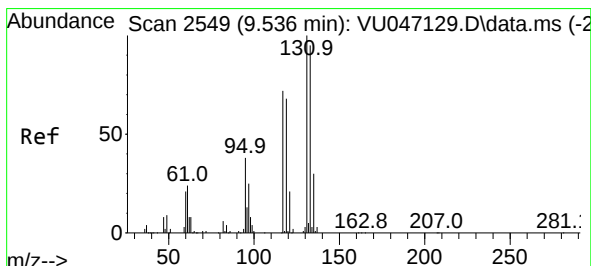
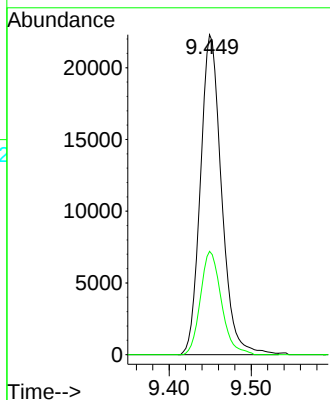
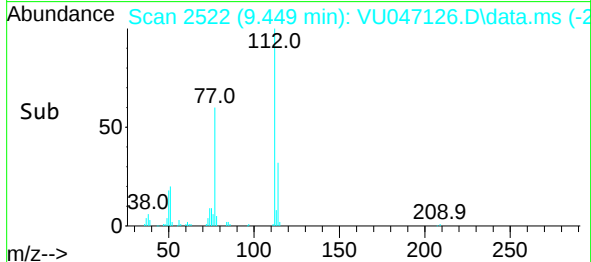
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



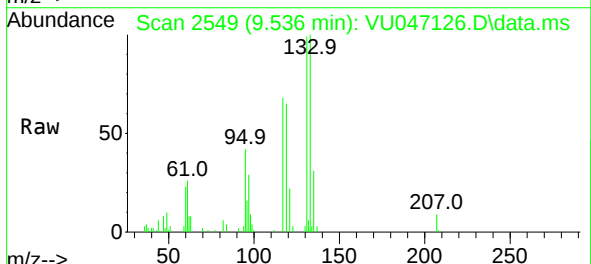
Tgt Ion:112 Resp: 39910
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

Manual Integrations
APPROVED

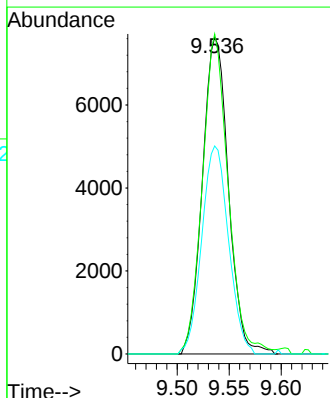
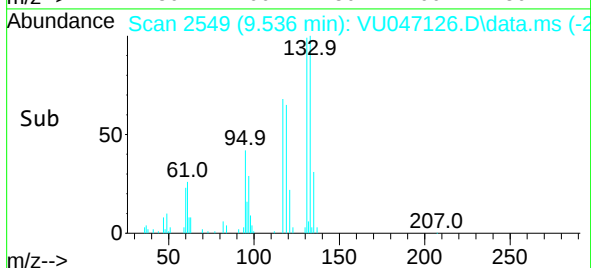
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

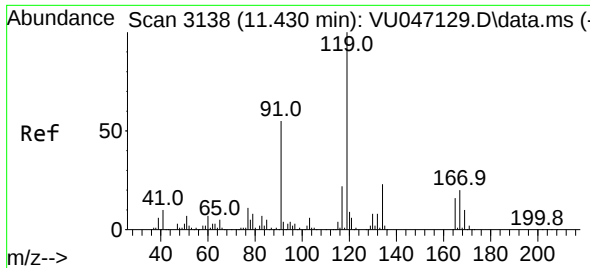


#60
1,1,1,2-Tetrachloroethane
Concen: 0.923 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36



Tgt Ion:131 Resp: 13281
Ion Ratio Lower Upper
131 100
133 100.2 76.0 114.0
119 67.5 54.9 82.3





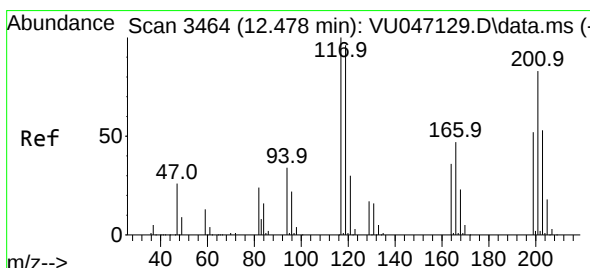
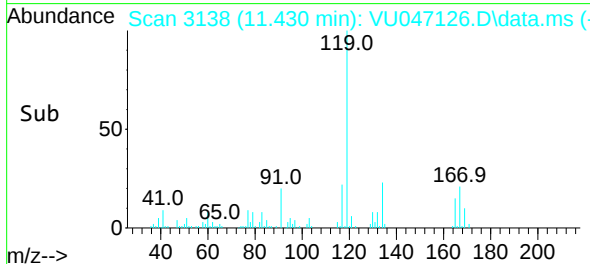
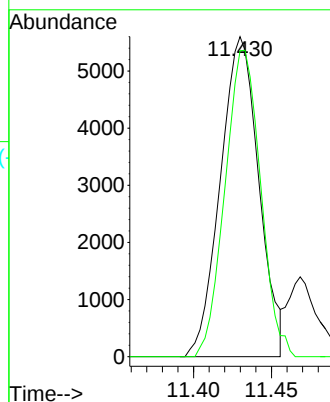
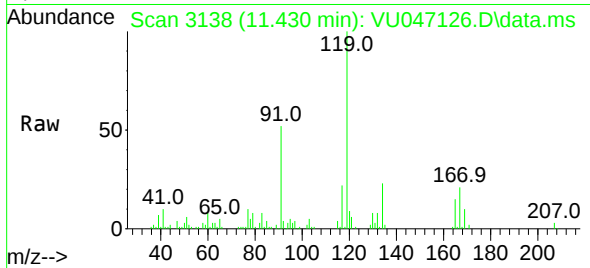
#61
 Pentachloroethane
 Concen: 0.810 ug/l
 RT: 11.430 min Scan# 3138
 Delta R.T. 0.000 min
 Lab File: VU047126.D
 Acq: 14 Feb 2022 10:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:117 Resp: 9632
 Ion Ratio Lower Upper
 117 100
 167 88.4 59.7 89.5

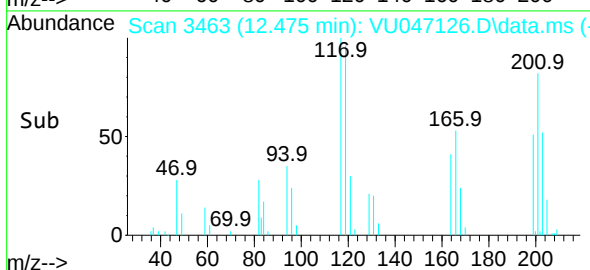
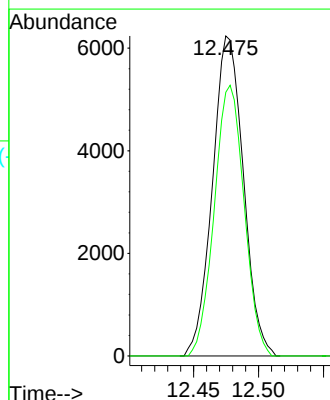
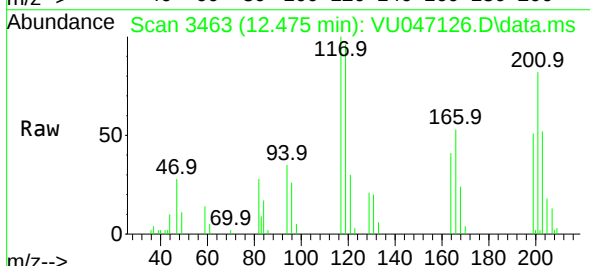
Manual Integrations
 APPROVED

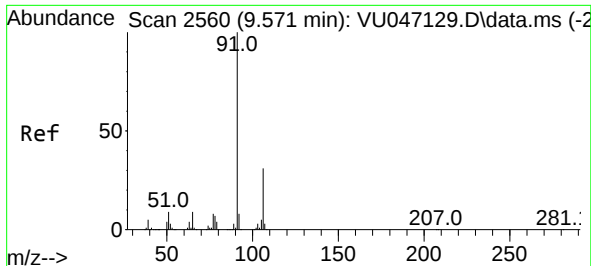
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022



#62
 Hexachloroethane
 Concen: 0.896 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. -0.003 min
 Lab File: VU047126.D
 Acq: 14 Feb 2022 10:36

Tgt Ion:117 Resp: 10316
 Ion Ratio Lower Upper
 117 100
 201 81.5 53.6 80.4#





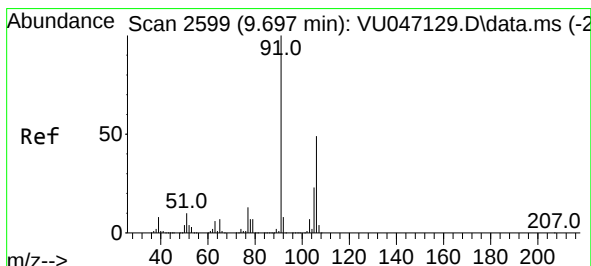
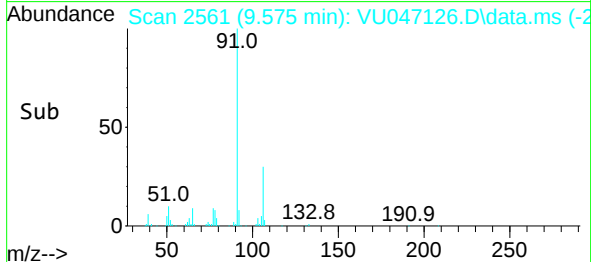
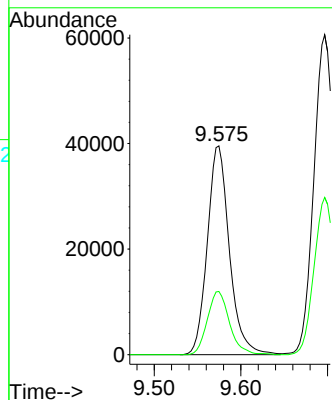
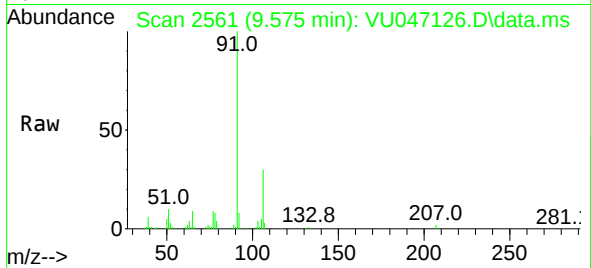
#63
Ethyl Benzene
Concen: 1.100 ug/l
RT: 9.575 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 70078
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6

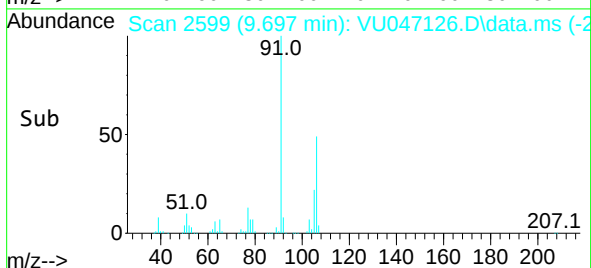
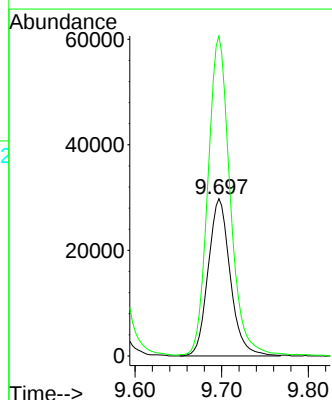
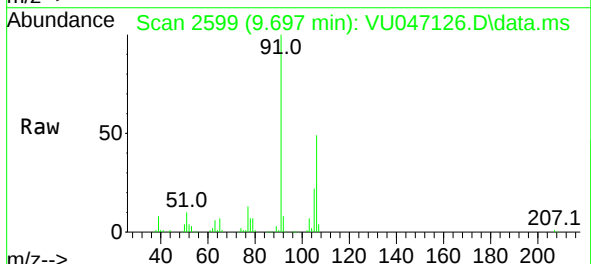
Manual Integrations
APPROVED

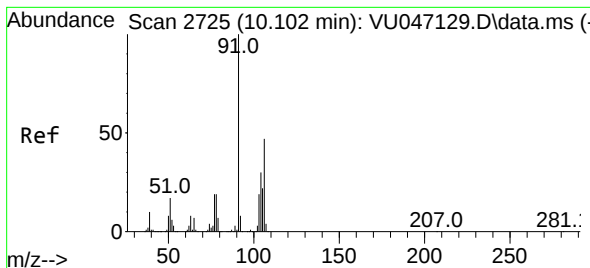
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#64
m/p-Xylenes
Concen: 2.116 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

Tgt Ion:106 Resp: 52806
Ion Ratio Lower Upper
106 100
91 202.8 165.5 248.3





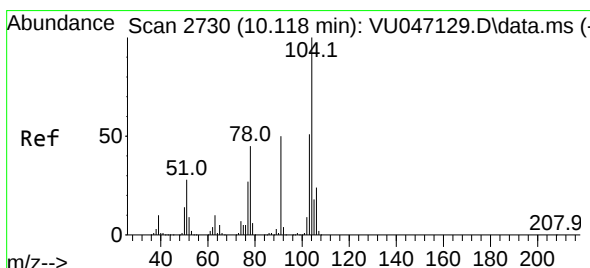
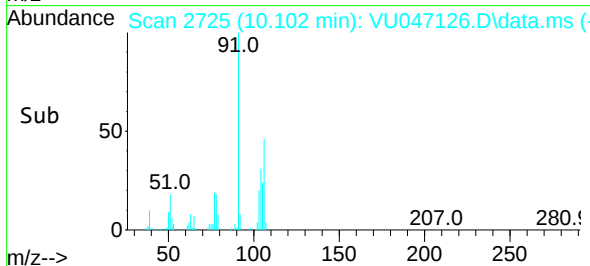
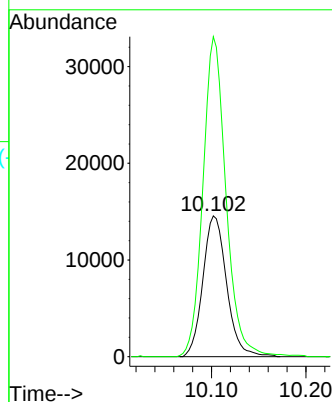
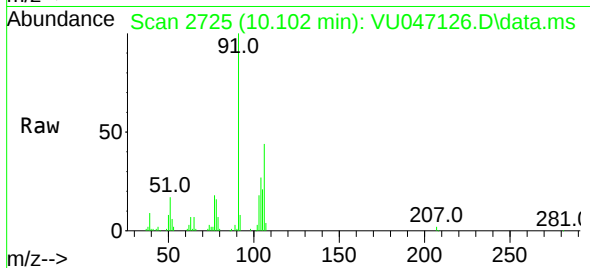
#65
o-Xylene
Concen: 1.062 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 2541
Ion Ratio Lower Upper
106 100
91 220.7 109.4 328.2

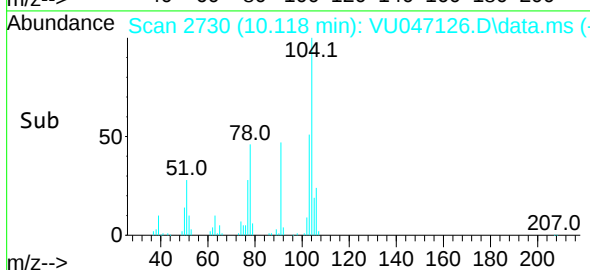
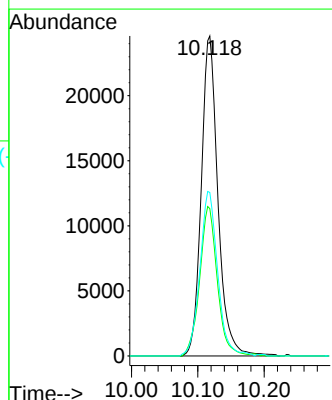
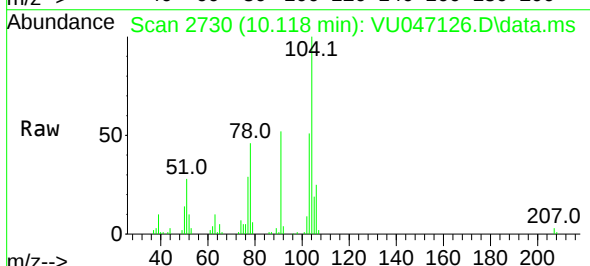
Manual Integrations
APPROVED

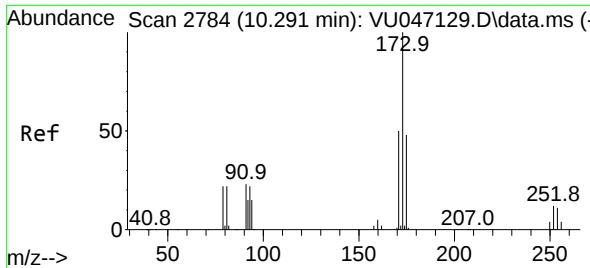
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#66
Styrene
Concen: 1.064 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

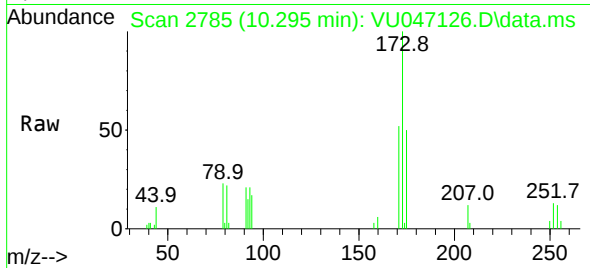
Tgt Ion:104 Resp: 42989
Ion Ratio Lower Upper
104 100
78 49.0 42.4 63.6
103 54.8 44.2 66.4





#67
Bromoform
Concen: 0.954 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

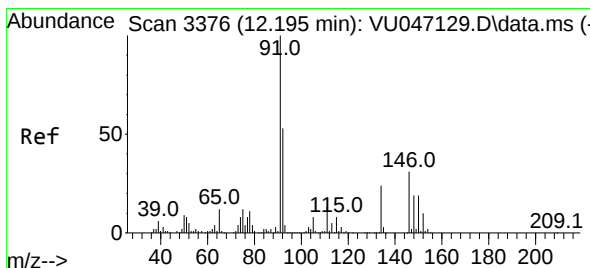
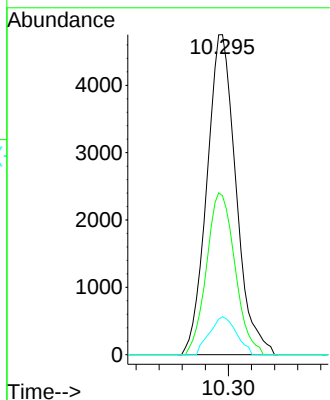
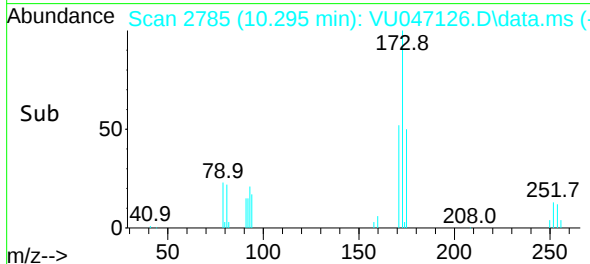
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



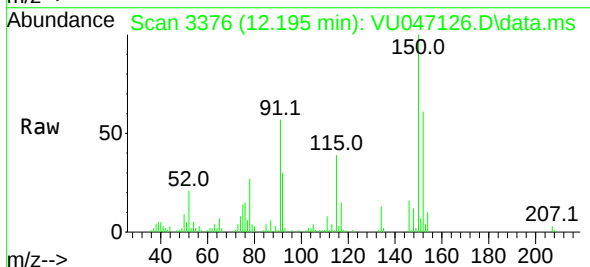
Tgt Ion:173 Resp: 830
Ion Ratio Lower Upper
173 100
175 49.4 39.0 58.4
254 10.9 5.5 8.3

Manual Integrations
APPROVED

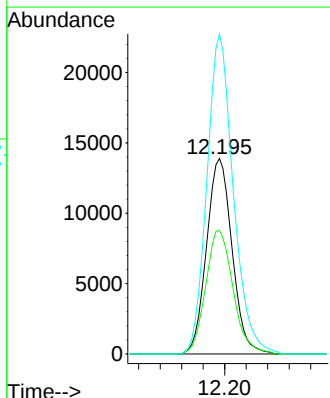
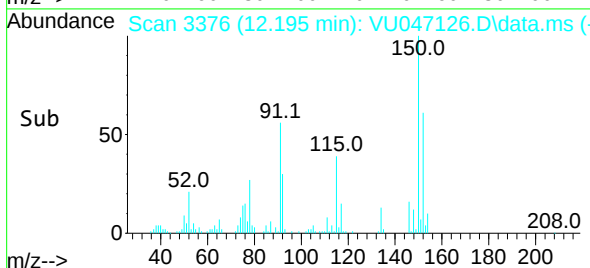
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

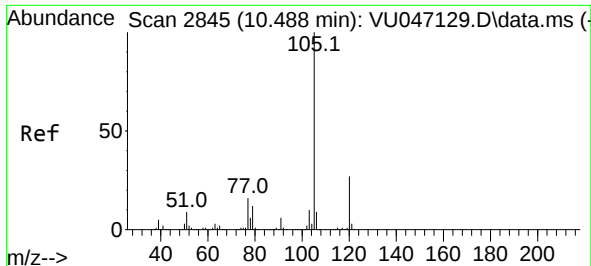


#68
1,2-Dichlorobenzene-d4
Concen: 1.036 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36



Tgt Ion:152 Resp: 22903
Ion Ratio Lower Upper
152 100
115 67.8 0.0 251.0
150 169.0 0.0 613.8





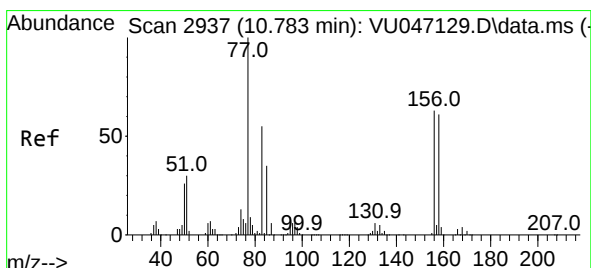
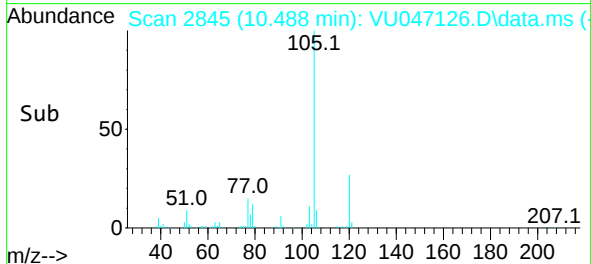
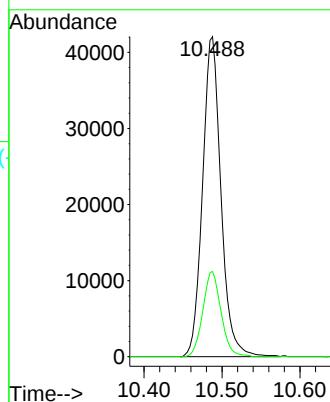
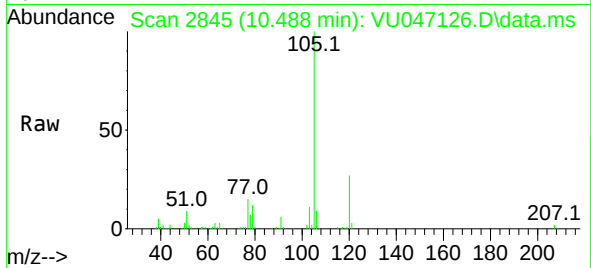
#69
Isopropylbenzene
Concen: 1.107 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:105 Resp: 6895
Ion Ratio Lower Upper
105 100
120 26.3 12.8 38.4

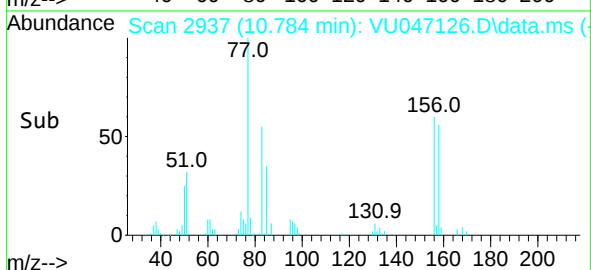
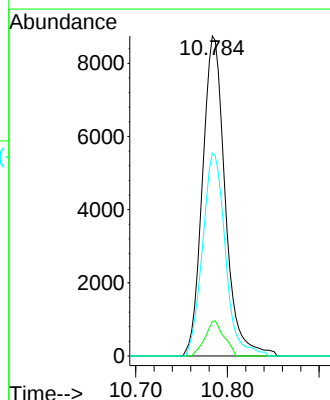
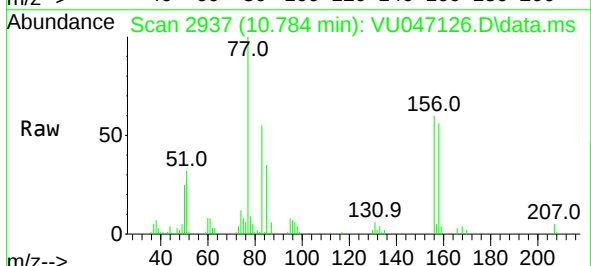
Manual Integrations
APPROVED

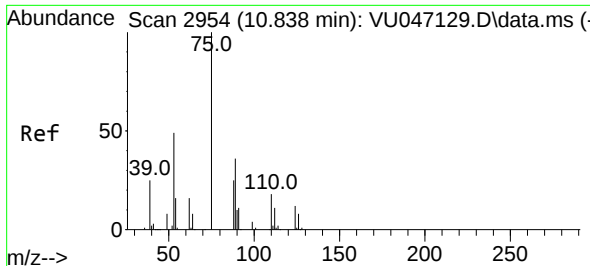
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 0.902 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

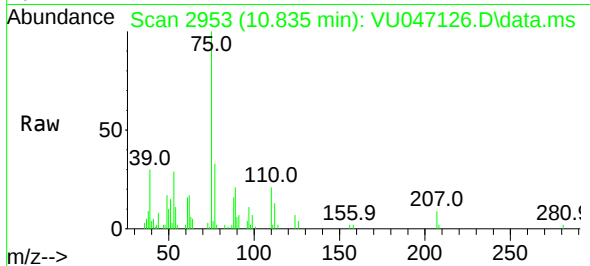
Tgt Ion: 83 Resp: 15007
Ion Ratio Lower Upper
83 100
131 9.2 7.6 11.4
85 63.9 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 1.002 ug/l m
RT: 10.835 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

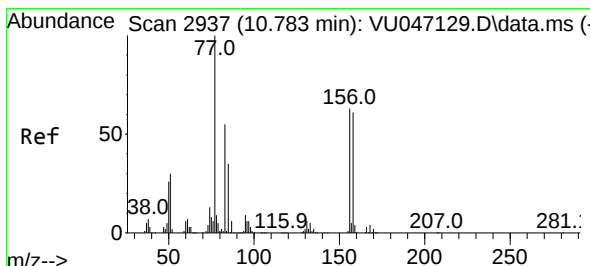
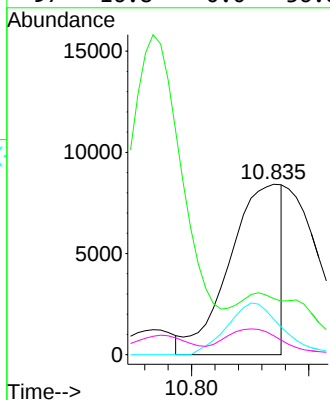
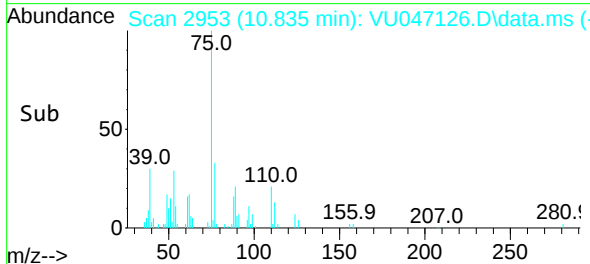
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



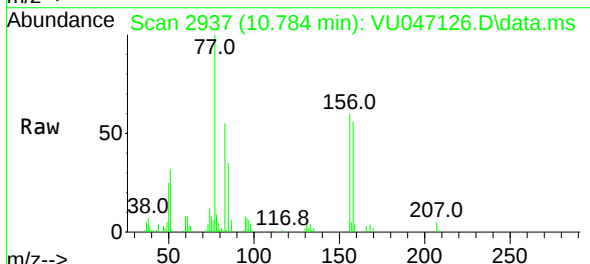
Tgt Ion: 75 Resp: 1311
Ion Ratio Lower Upper
75 100
77 48.4 0.0 105.6
110 31.8 0.0 71.2
97 16.8 0.0 36.8

Manual Integrations
APPROVED

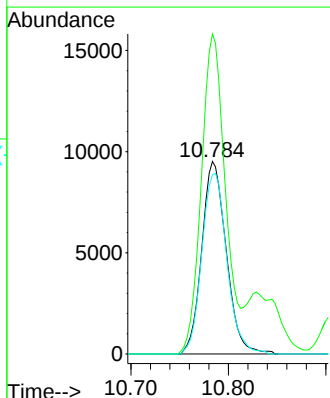
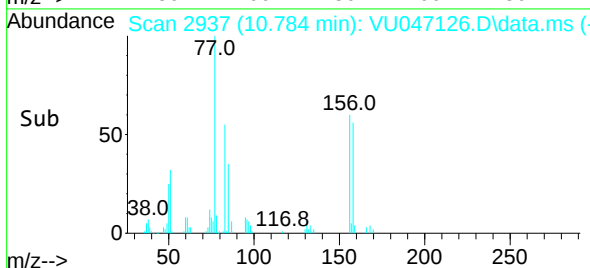
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

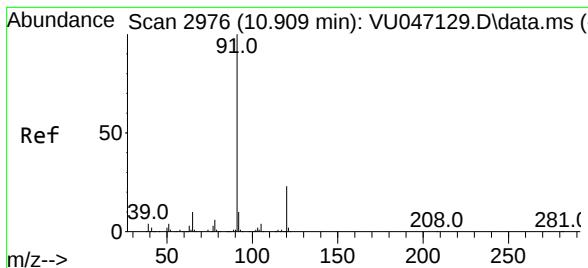


#72
Bromobenzene
Concen: 0.975 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36



Tgt Ion:156 Resp: 16618
Ion Ratio Lower Upper
156 100
77 161.5 0.0 370.6
158 96.0 0.0 193.4





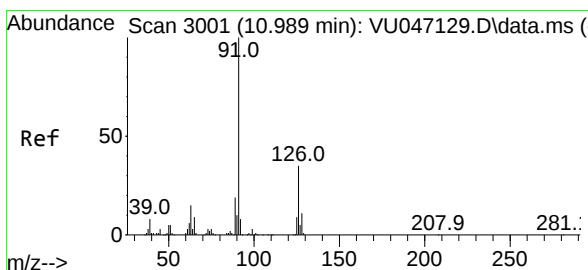
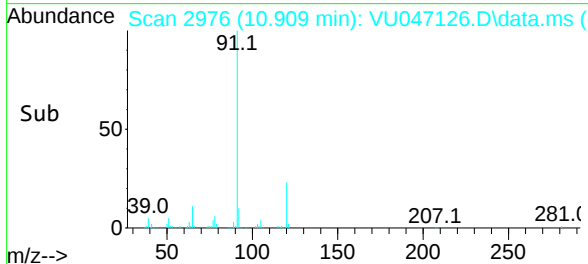
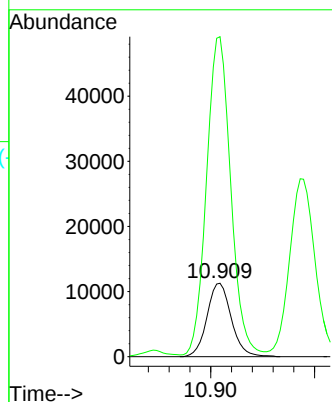
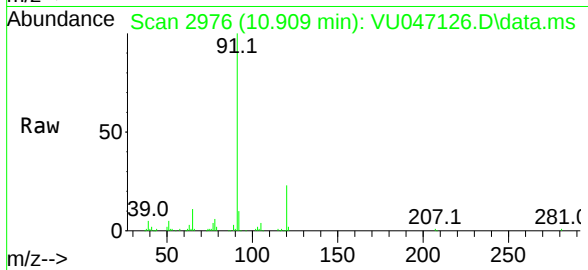
#73
n-propylbenzene
Concen: 1.055 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:120 Resp: 1827
Ion Ratio Lower Upper
120 100
91 436.6 370.7 556.1

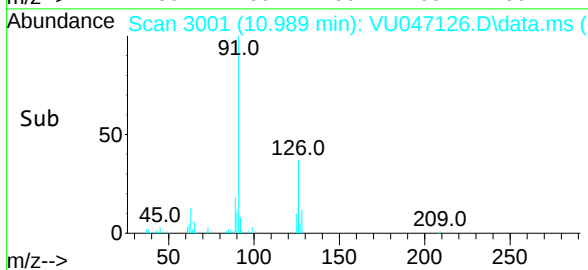
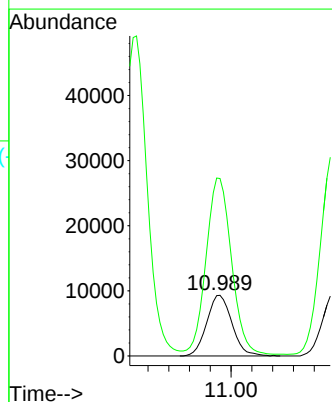
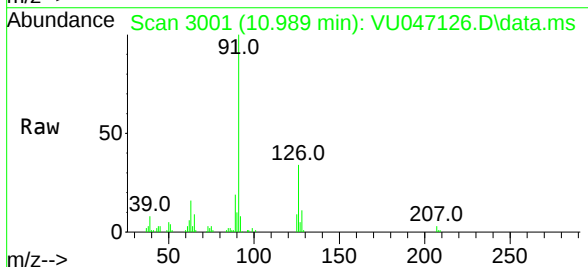
Manual Integrations
APPROVED

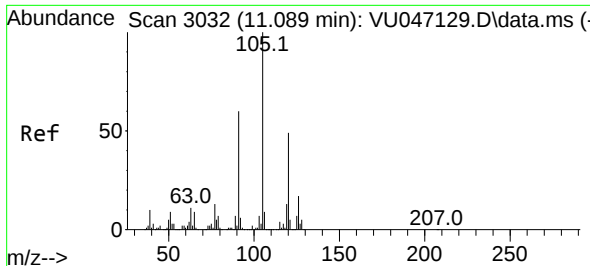
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#74
2-Chlorotoluene
Concen: 0.994 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

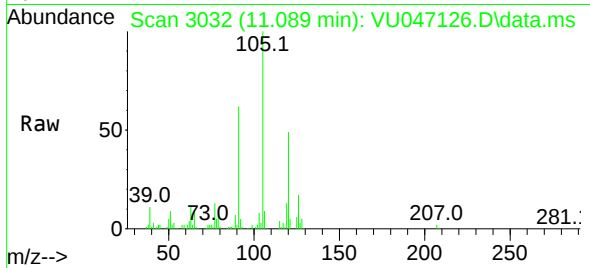
Tgt Ion:126 Resp: 15686
Ion Ratio Lower Upper
126 100
91 300.3 0.0 639.6





#75
1,3,5-Trimethylbenzene
Concen: 1.029 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

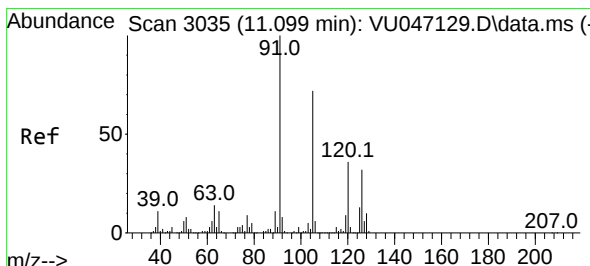
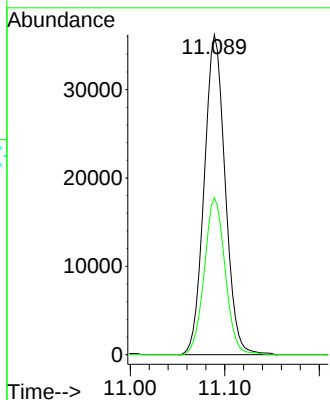
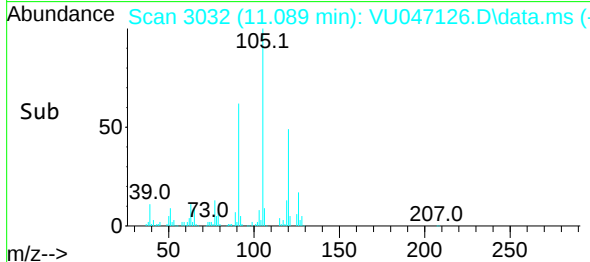
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



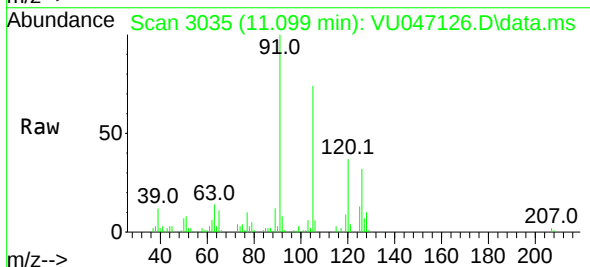
Tgt Ion:105 Resp: 55728
Ion Ratio Lower Upper
105 100
120 48.8 38.6 58.0

Manual Integrations
APPROVED

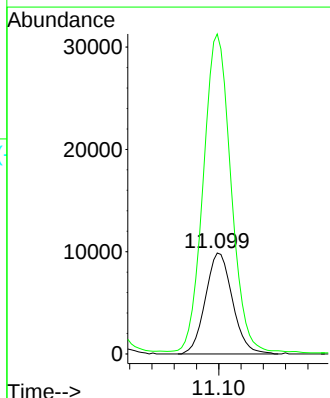
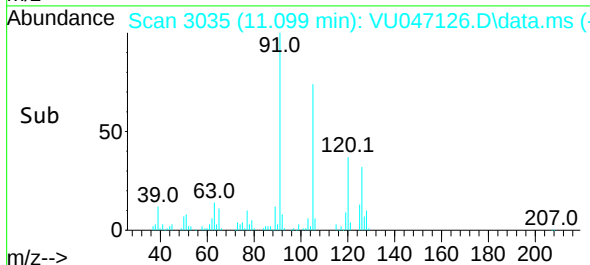
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

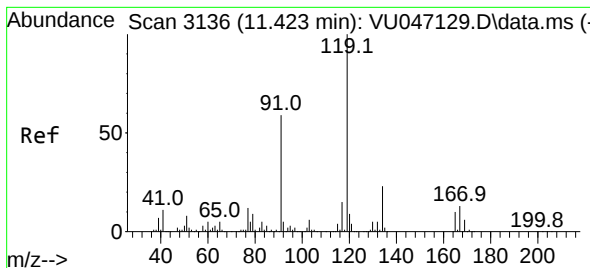


#76
4-Chlorotoluene
Concen: 1.015 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36



Tgt Ion:126 Resp: 16649
Ion Ratio Lower Upper
126 100
91 325.4 0.0 728.0





#77

tert-Butylbenzene

Concen: 1.031 ug/l

RT: 11.423 min Scan# 3136

Delta R.T. 0.000 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

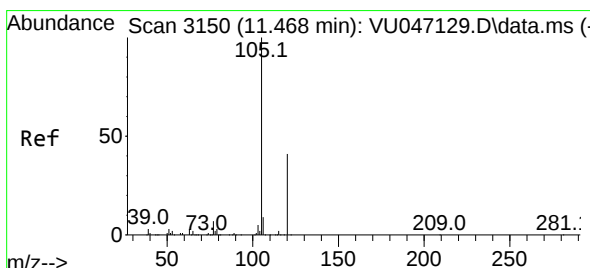
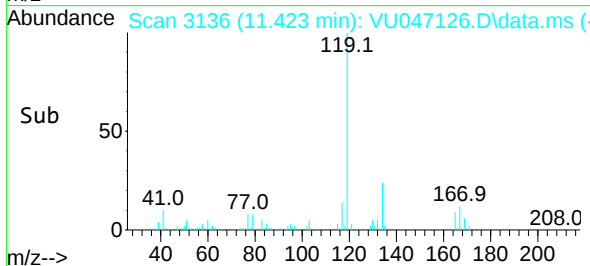
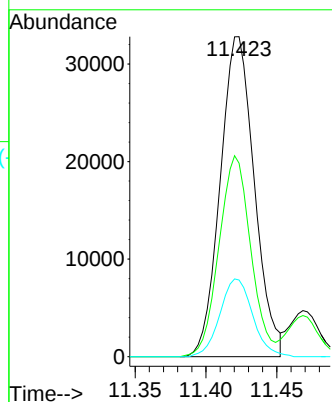
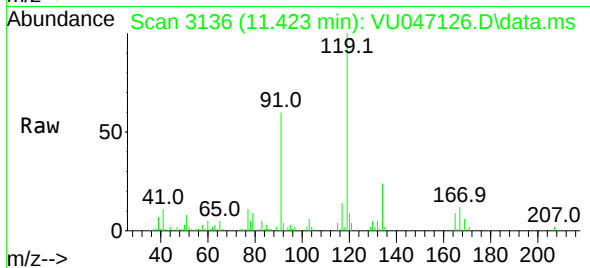
Tgt Ion:	119	Resp:	5501
Ion Ratio	Lower	Upper	
119	100		
91	58.6	31.4	94.3
134	23.3	18.5	27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#78

1,2,4-Trimethylbenzene

Concen: 1.034 ug/l

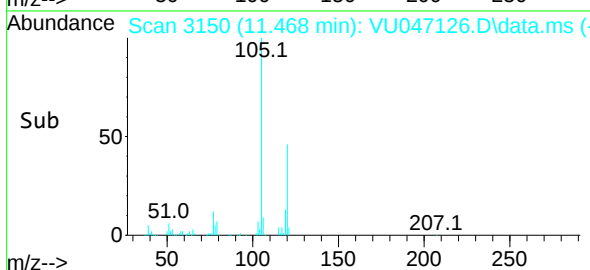
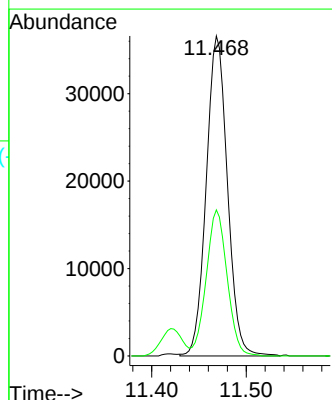
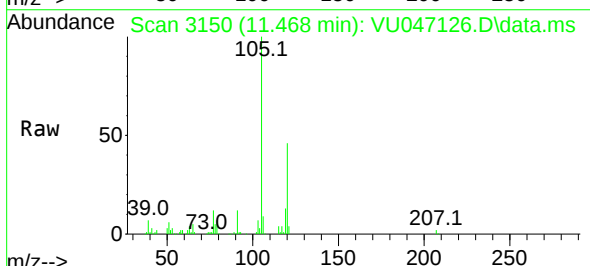
RT: 11.468 min Scan# 3150

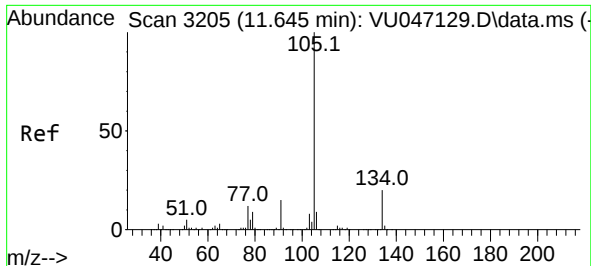
Delta R.T. 0.000 min

Lab File: VU047126.D

Acq: 14 Feb 2022 10:36

Tgt Ion:	105	Resp:	57040
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.3	66.8





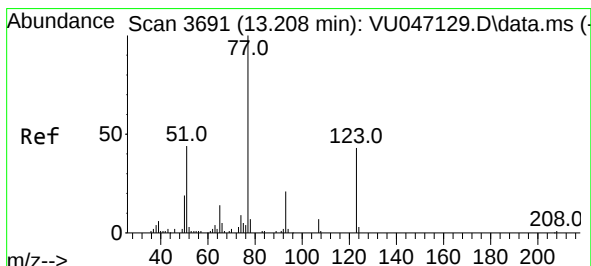
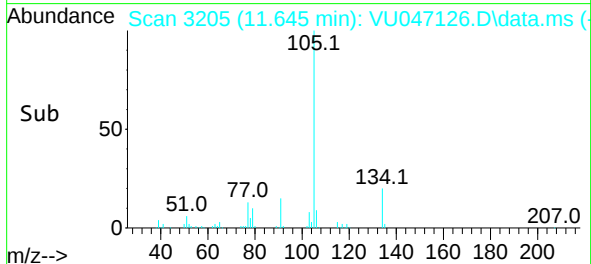
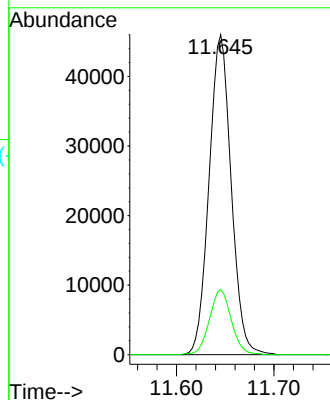
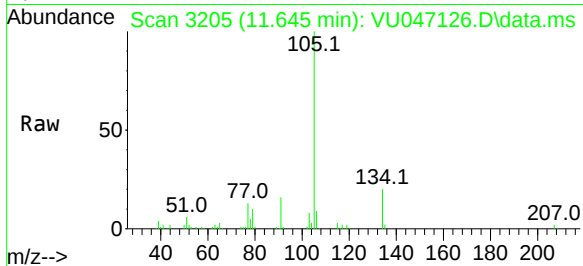
#79
 sec-Butylbenzene
 Concen: 1.010 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU047126.D
 Acq: 14 Feb 2022 10:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 7241
 Ion Ratio Lower Upper
 105 100
 134 20.1 15.4 23.0

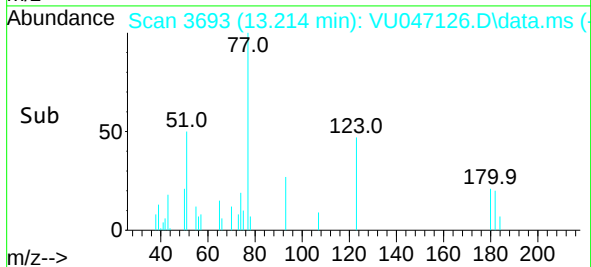
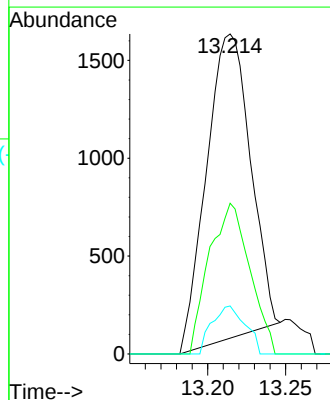
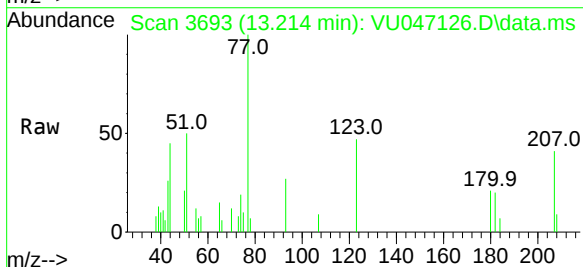
Manual Integrations
 APPROVED

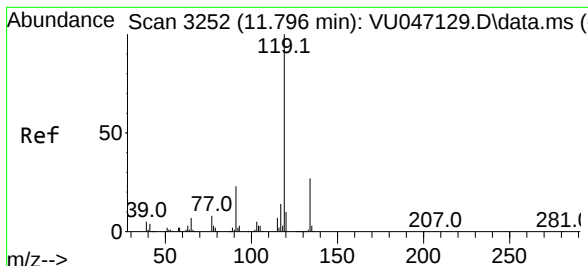
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022



#80
 Nitrobenzene
 Concen: 4.315 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.007 min
 Lab File: VU047126.D
 Acq: 14 Feb 2022 10:36

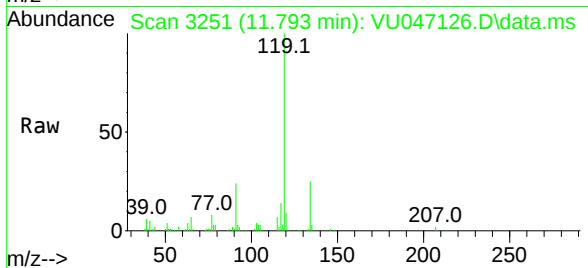
Tgt Ion: 77 Resp: 3064
 Ion Ratio Lower Upper
 77 100
 123 45.6 18.2 64.4
 65 11.9 12.0 15.2#





#81
p-Isopropyltoluene
Concen: 1.039 ug/l
RT: 11.793 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

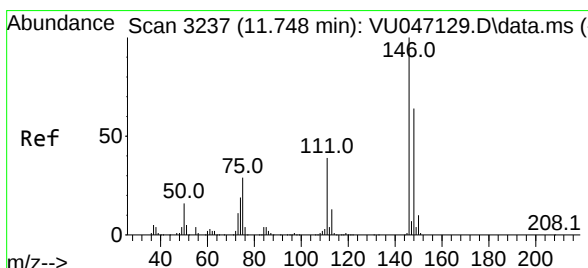
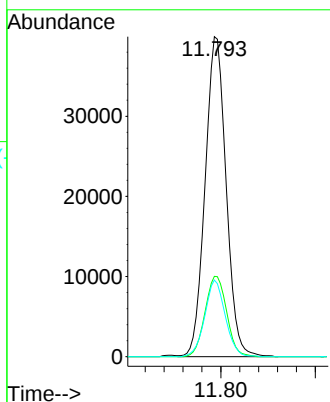
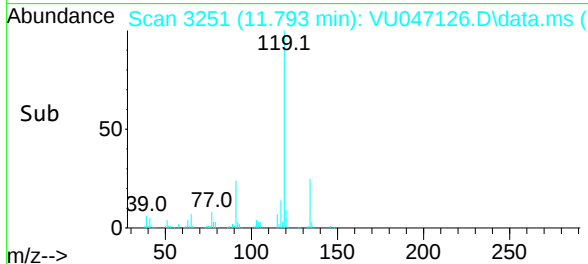
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



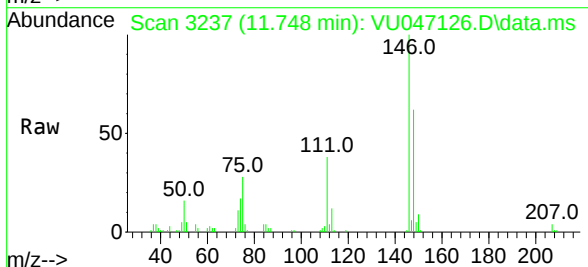
Tgt Ion:119 Resp: 61644
Ion Ratio Lower Upper
119 100
134 25.8 20.2 30.4
91 23.4 19.9 29.9

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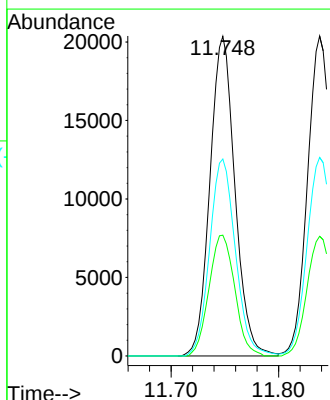
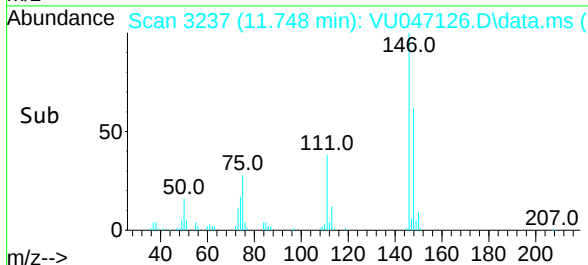
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

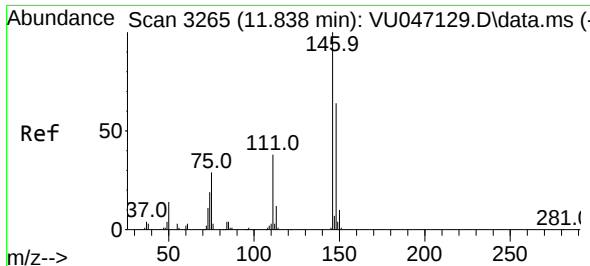


#82
1,3-Dichlorobenzene
Concen: 0.966 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36



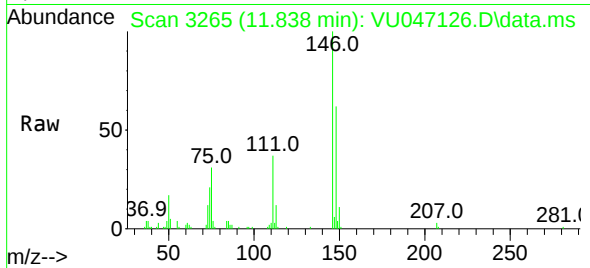
Tgt Ion:146 Resp: 32890
Ion Ratio Lower Upper
146 100
111 38.9 33.9 50.9
148 63.8 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 1.000 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

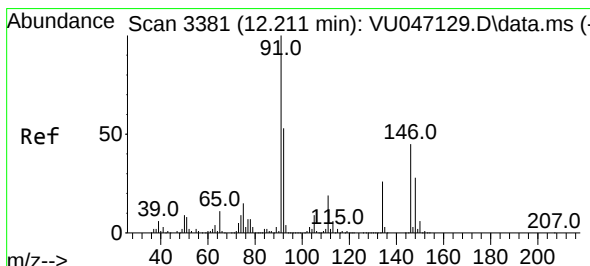
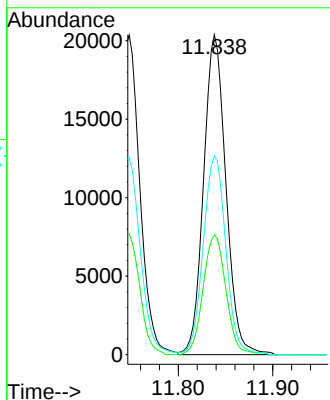
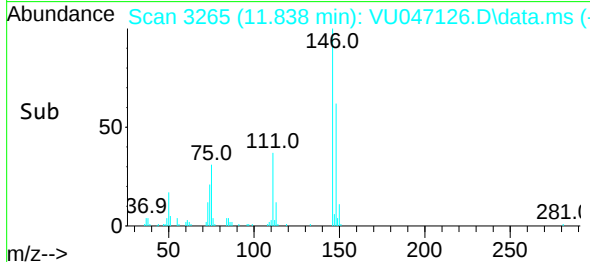
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



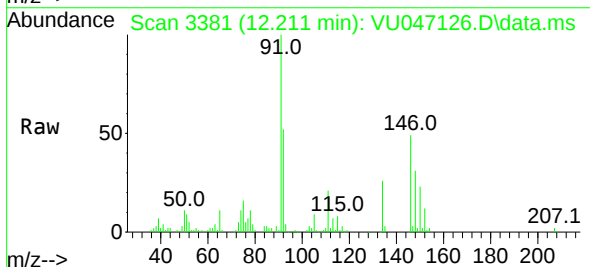
Tgt Ion:146 Resp: 3344
Ion Ratio Lower Upper
146 100
111 38.0 32.7 49.1
148 63.1 51.4 77.0

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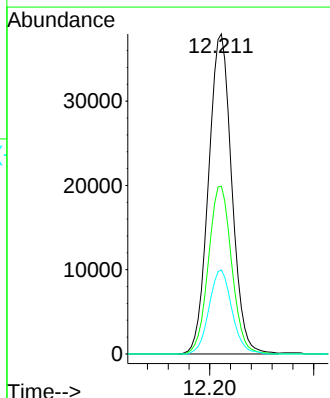
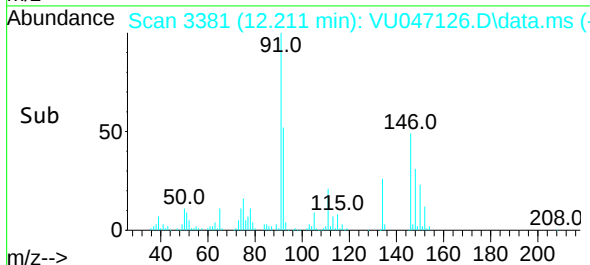
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

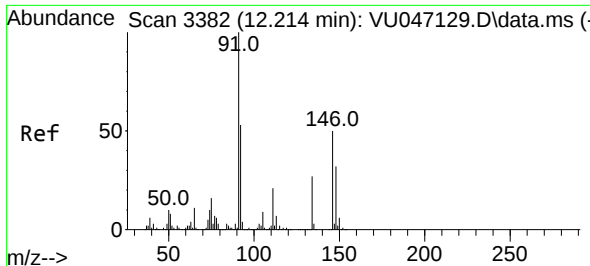


#84
n-Butylbenzene
Concen: 1.038 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36



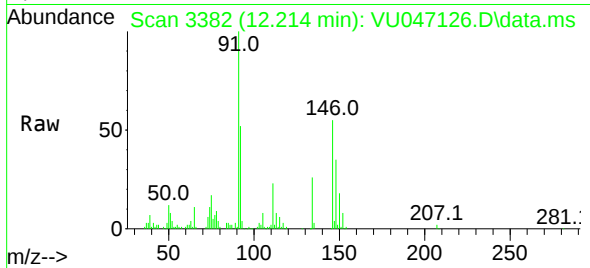
Tgt Ion: 91 Resp: 58945
Ion Ratio Lower Upper
91 100
92 52.6 43.5 65.3
134 25.8 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 0.966 ug/l
RT: 12.214 min Scan# 3168
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

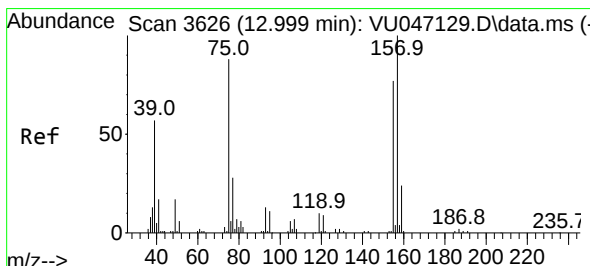
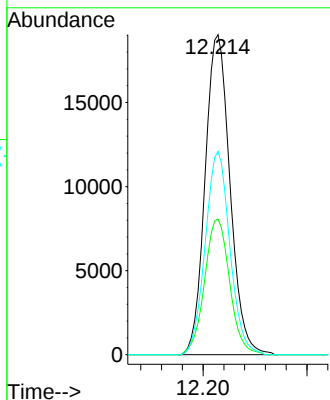
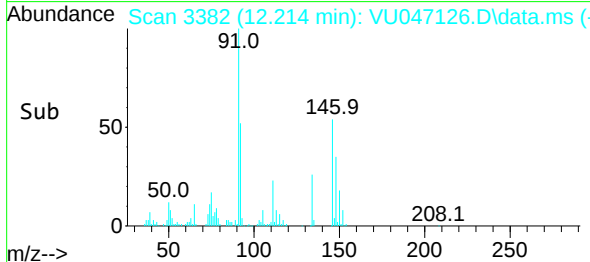
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



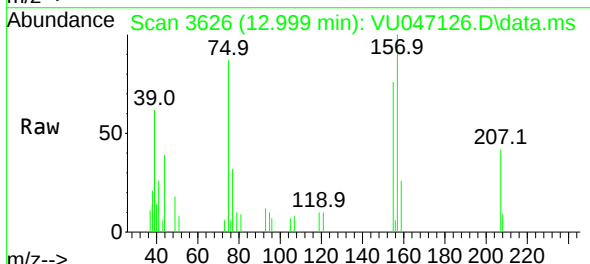
Tgt Ion:146 Resp: 3168
Ion Ratio Lower Upper
146 100
111 42.7 22.1 66.1
148 63.0 31.6 94.7

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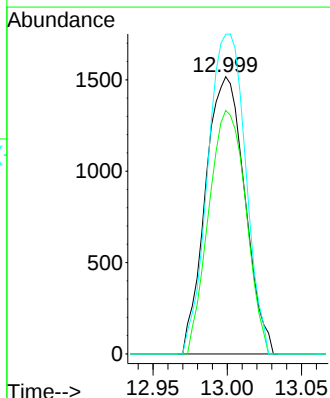
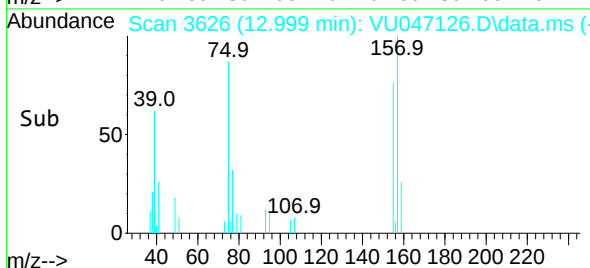
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

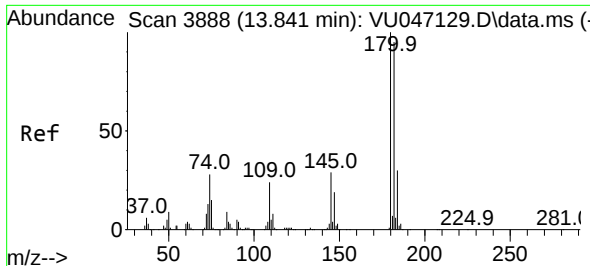


#86
1,2-Dibromo-3-Chloropropane
Concen: 1.032 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36



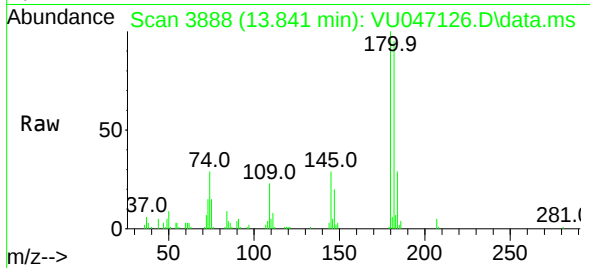
Tgt Ion: 75 Resp: 2789
Ion Ratio Lower Upper
75 100
155 82.9 57.8 86.8
157 111.2 75.1 112.7





#87
1,2,4-Trichlorobenzene
Concen: 1.144 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

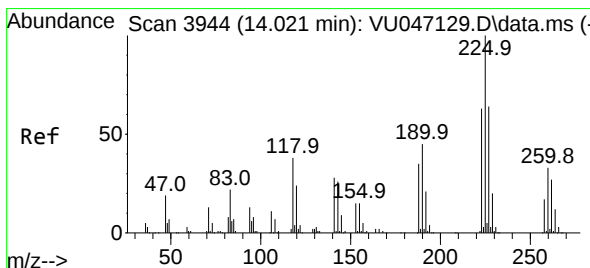
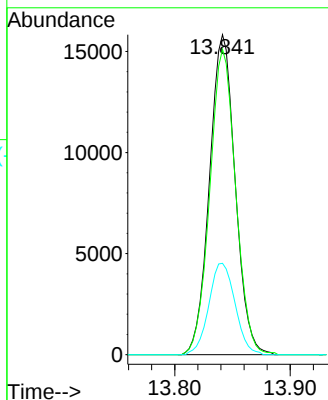
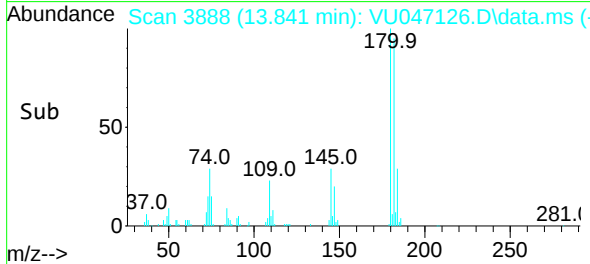
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



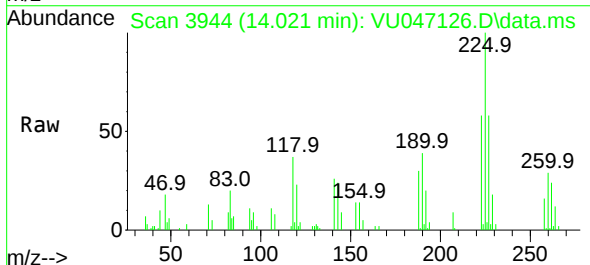
Tgt Ion:180 Resp: 2444
Ion Ratio Lower Upper
180 100
182 95.8 75.8 113.8
145 29.2 25.3 37.9

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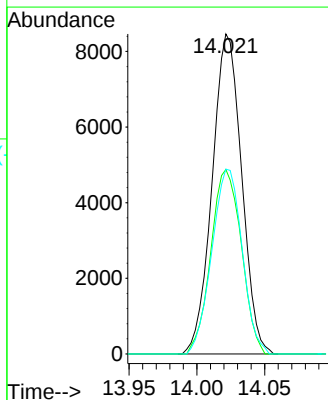
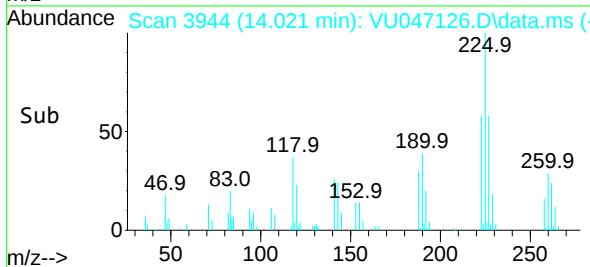
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

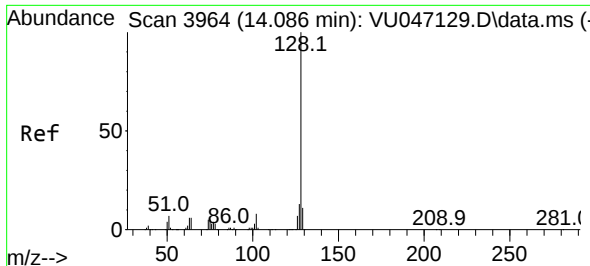


#88
Hexachlorobutadiene
Concen: 0.957 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36



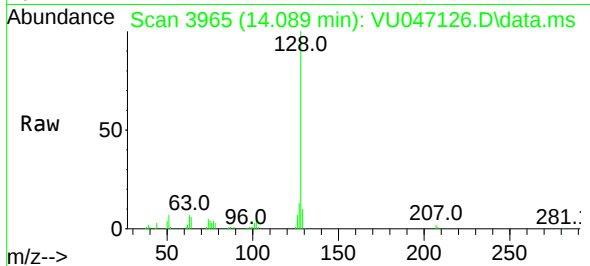
Tgt Ion:225 Resp: 12792
Ion Ratio Lower Upper
225 100
223 59.5 51.1 76.7
227 59.4 49.9 74.9





#89
Naphthalene
Concen: 1.279 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

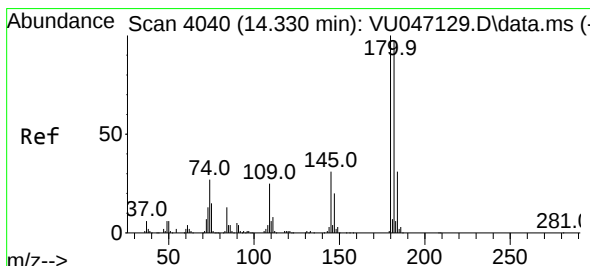
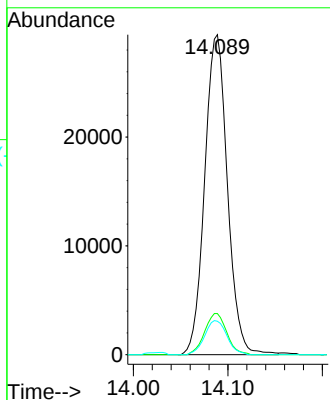
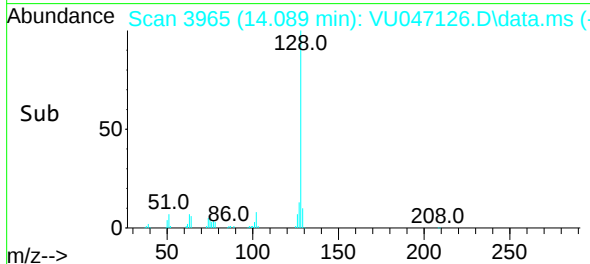
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:128 Resp: 4910
Ion Ratio Lower Upper
128 100
127 12.5 10.6 16.0
129 10.4 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: 1.055 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047126.D
Acq: 14 Feb 2022 10:36

Tgt Ion:180 Resp: 22222
Ion Ratio Lower Upper
180 100
182 96.8 75.4 113.0
145 31.1 27.0 40.4

