

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021422\
 Data File : VU047127.D
 Acq On : 14 Feb 2022 11:04
 Operator : SY/MD
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Manual Integrations
 APPROVED

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

Quant Time: Feb 14 12:40:39 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	57516	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	21745	1.104	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	22119	0.981	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	34920	1.934	ug/l	99
3) Chloromethane	1.530	50	35101	1.702	ug/l	98
4) Vinyl Chloride	1.610	62	34746	1.759	ug/l	100
5) Bromomethane	1.864	94	24207	2.088	ug/l	98
6) Chloroethane	1.941	64	20020	1.661	ug/l	98
7) Trichlorofluoromethane	2.147	101	41735	1.681	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	24254	1.643	ug/l	95
9) 1,1-Dichloroethene	2.591	96	23842	1.827	ug/l	98
10) Iodomethane	2.732	142	17063	0.854	ug/l	98
11) Allyl Chloride	2.932	41	38347	1.693	ug/l	91
12) Acrylonitrile	3.330	53	15043m	3.406	ug/l	
13) Acetone	2.652	43	22357	6.192	ug/l	99
14) Carbon Disulfide	2.803	76	83370	2.011	ug/l	100
15) Methylene Chloride	3.054	84	27552	1.668	ug/l	97
16) trans-1,2-Dichloroethene	3.359	96	25430	1.733	ug/l	95
17) 1,1-Dichloroethane	3.877	63	47806	1.677	ug/l	98
18) 2-Butanone	4.726	43	37121	6.976	ug/l	91
19) Cyclohexane	5.395	56	44916m	1.914	ug/l	
20) Methylcyclohexane	6.768	83	48091	2.136	ug/l	97
21) 2,2-Dichloropropane	4.674	77	43349	1.988	ug/l	98
22) cis-1,2-Dichloroethene	4.674	96	29762	1.802	ug/l	94
23) Diethyl Ether	2.382	59	19734	1.697	ug/l	98
24) tert-Butyl Alcohol	3.247	59	15241m	14.617	ug/l	
25) Methyl tert-Butyl Ether	3.372	73	68100	1.775	ug/l	100
26) Bromochloromethane	4.983	128	13688	1.730	ug/l	94
27) Chloroform	5.096	83	48218	1.577	ug/l	98
28) 1,1,1-Trichloroethane	5.321	97	42103	1.767	ug/l	96
29) 1,1-Dichloropropene	5.533	75	38038	1.854	ug/l	98
30) Carbon Tetrachloride	5.530	117	36799	1.797	ug/l	98
31) Isopropyl Ether	4.002	45	75740	1.746	ug/l	97
32) Ethyl-t-butyl ether	4.510	59	76441	1.961	ug/l	98
33) Tert-Amyl methyl ether	5.948	73	71490	2.057	ug/l	98
34) Propionitrile	4.803	54	10838	6.848	ug/l	# 94
35) Benzene	5.781	78	108104	1.750	ug/l	100
36) 1,2-Dichloroethane	5.800	62	32907	1.748	ug/l	99
37) Trichloroethene	6.546	130	29998	1.927	ug/l	94
38) 1,2-Dichloropropane	6.797	63	28574	1.746	ug/l	100
39) Methacrylonitrile	4.986	41	9739	1.661	ug/l	96
40) Methyl acrylate	4.858	55	16409	1.835	ug/l	98
41) Tetrahydrofuran	5.070	42	9875	2.987	ug/l	97
42) 1-Chlorobutane	5.462	56	51356	1.750	ug/l	100
43) Dibromomethane	6.922	93	15504	1.730	ug/l	93
44) Bromodichloromethane	7.108	83	36138	1.702	ug/l	100

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 ALS Vial : 5 Sample Multiplier: 1

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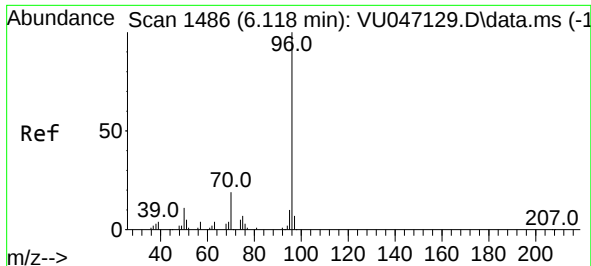
Manual Integrations
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Reviewed By : John Carlone 02/15/2022
 Supervised By : Mahesh Dadoda 02/15/2022

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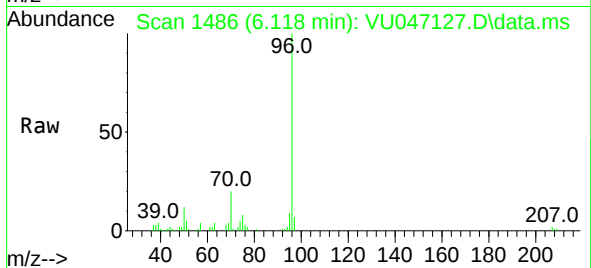
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	105539	9.568	ug/l	100
46) t-1,4-Dichloro-2-butene	10.838	75	17044m	3.882	ug/l	
47) Methyl methacrylate	6.967	69	32040	4.045	ug/l	94
48) Ethyl methacrylate	8.337	69	32647	2.274	ug/l	98
49) Toluene	7.973	92	69463	1.897	ug/l	98
50) t-1,3-Dichloropropene	8.215	75	38567	2.073	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	43588	2.044	ug/l	97
52) 1,1,2-Trichloroethane	8.404	97	22235	1.740	ug/l	99
53) 1,3-Dichloropropane	8.578	76	39226	1.787	ug/l	100
54) 2-Hexanone	8.690	43	76325	9.595	ug/l	99
55) Dibromochloromethane	8.813	129	26266	1.809	ug/l	98
56) 1,2-Dibromoethane	8.928	107	21663	1.819	ug/l	97
58) Tetrachloroethene	8.555	164	27403	1.900	ug/l	99
59) Chlorobenzene	9.449	112	77106	1.963	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.536	131	25736	1.754	ug/l	98
61) Pentachloroethane	11.430	117	19418	1.602	ug/l	85
62) Hexachloroethane	12.478	117	20514	1.748	ug/l #	82
63) Ethyl Benzene	9.575	91	135661	2.087	ug/l	98
64) m/p-Xylenes	9.697	106	103461	4.066	ug/l	96
65) o-Xylene	10.102	106	50118	2.053	ug/l	97
66) Styrene	10.118	104	84232	2.044	ug/l	98
67) Bromoform	10.292	173	15869	1.788	ug/l #	97
69) Isopropylbenzene	10.488	105	134054	2.110	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.784	83	29470	1.736	ug/l	100
71) 1,2,3-Trichloropropane	10.838	75	25131m	1.884	ug/l	
72) Bromobenzene	10.787	156	32551	1.872	ug/l	88
73) n-propylbenzene	10.909	120	36287	2.053	ug/l	91
74) 2-Chlorotoluene	10.989	126	31303	1.945	ug/l	89
75) 1,3,5-Trimethylbenzene	11.089	105	107892	1.953	ug/l	98
76) 4-Chlorotoluene	11.099	126	32744	1.957	ug/l	85
77) tert-Butylbenzene	11.423	119	106845	1.963	ug/l	96
78) 1,2,4-Trimethylbenzene	11.468	105	111148	1.975	ug/l	98
79) sec-Butylbenzene	11.645	105	144657	1.977	ug/l	99
80) Nitrobenzene	13.211	77	6380	8.809	ug/l	99
81) p-Isopropyltoluene	11.793	119	121931	2.014	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	62638	1.804	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	62369	1.828	ug/l	98
84) n-Butylbenzene	12.211	91	116529	2.012	ug/l	98
85) 1,2-Dichlorobenzene	12.214	146	59330	1.774	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.996	75	5229	1.897	ug/l	87
87) 1,2,4-Trichlorobenzene	13.841	180	46895	2.151	ug/l	98
88) Hexachlorobutadiene	14.021	225	23876	1.751	ug/l	98
89) Naphthalene	14.086	128	94338	2.410	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	42007	1.956	ug/l	95

(#) = 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: VU047127.D
Acq: 14 Feb 2022 11:04

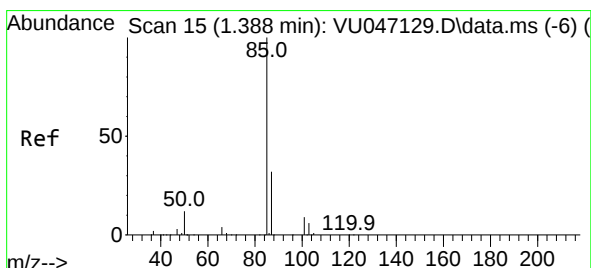
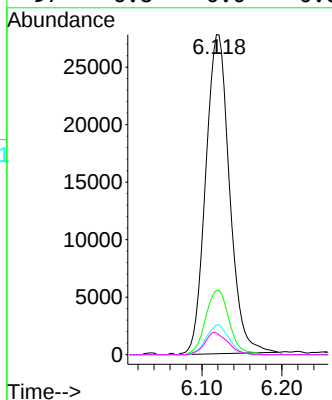
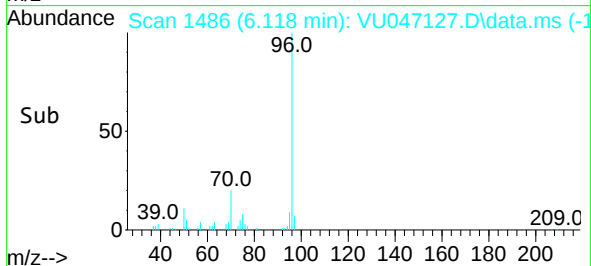
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 96 Resp: 57510
Ion Ratio Lower Upper
96 100
70 20.0 16.8 25.2
95 8.8 7.3 10.9
97 6.8 0.0 0.0#

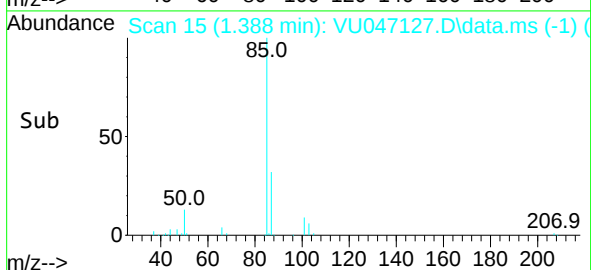
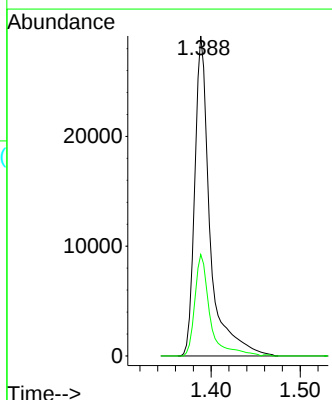
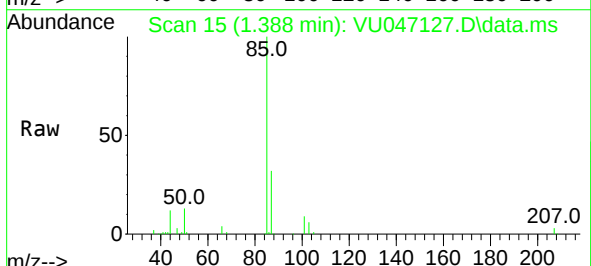
Manual Integrations
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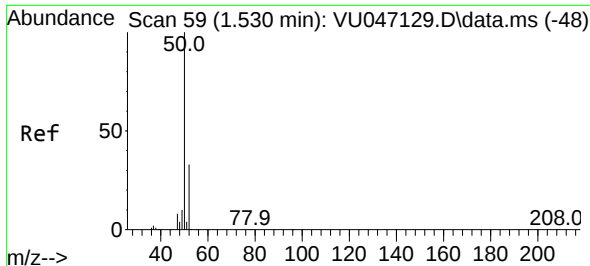
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#2
Dichlorodifluoromethane
Concen: 1.934 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

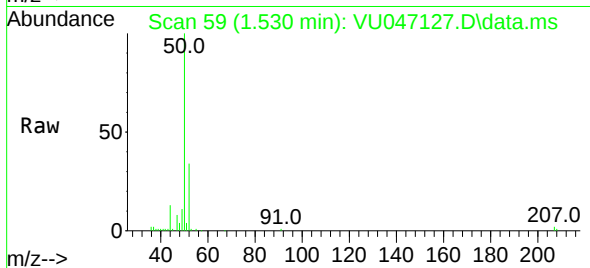
Tgt Ion: 85 Resp: 34920
Ion Ratio Lower Upper
85 100
87 31.7 16.2 48.6





#3
Chloromethane
Concen: 1.702 ug/l
RT: 1.530 min Scan# 59
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

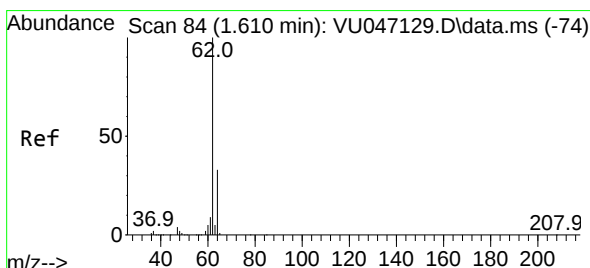
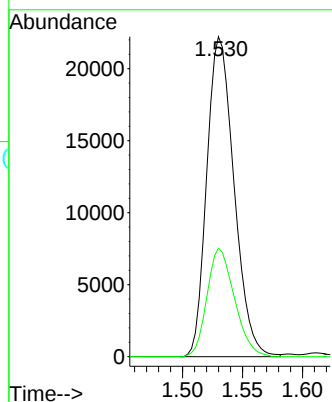
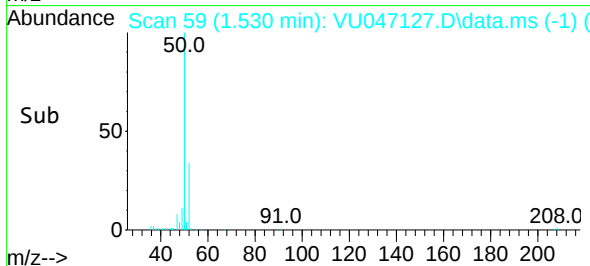
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



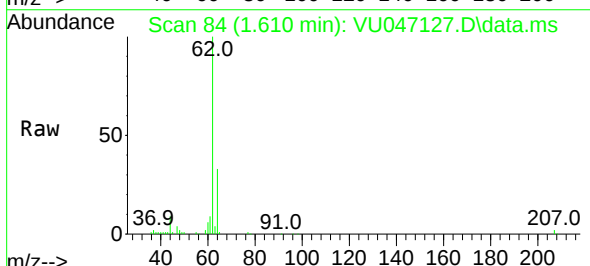
Tgt Ion: 50 Resp: 3510
Ion Ratio Lower Upper
50 100
52 33.9 26.2 39.4

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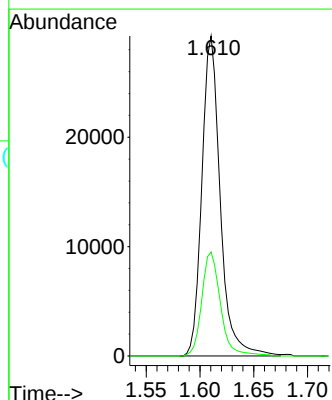
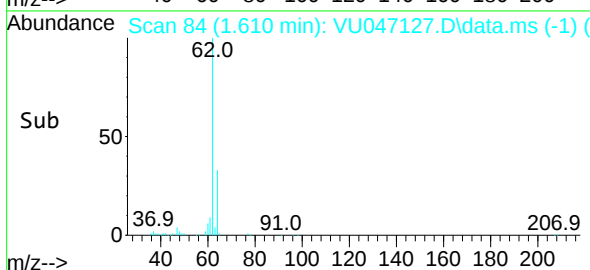
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

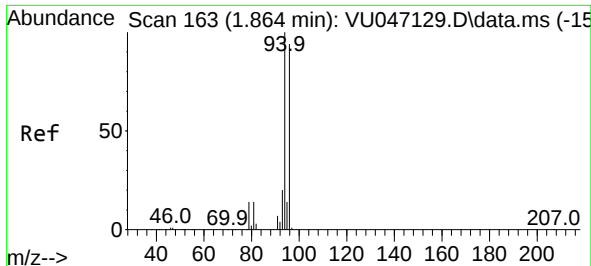


#4
Vinyl Chloride
Concen: 1.759 ug/l
RT: 1.610 min Scan# 84
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04



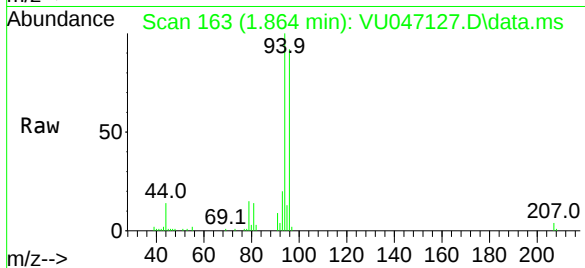
Tgt Ion: 62 Resp: 34746
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0





#5
Bromomethane
Concen: 2.088 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

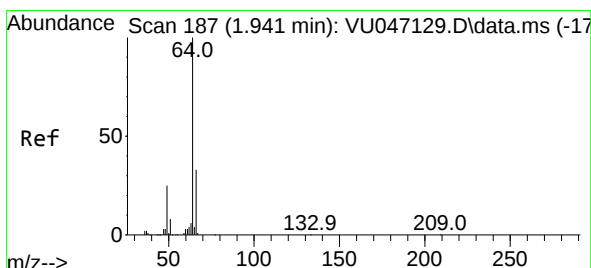
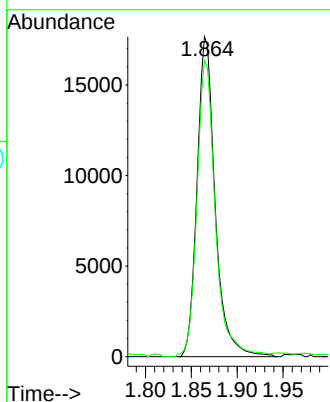
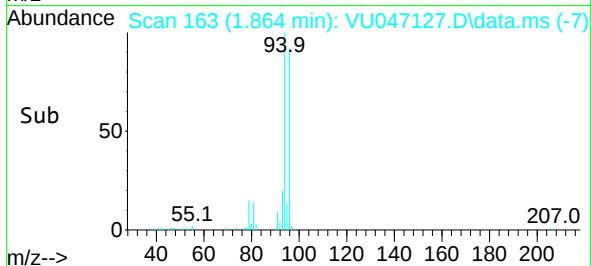
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 94 Resp: 2420
Ion Ratio Lower Upper
94 100
96 91.7 75.0 112.4

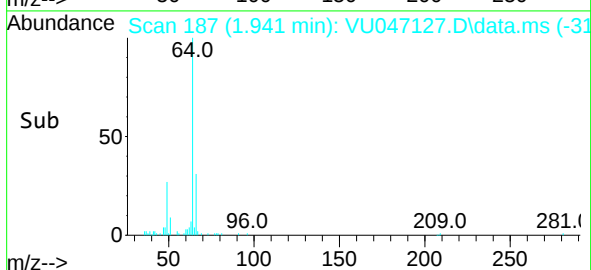
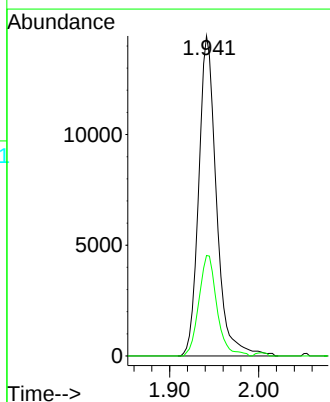
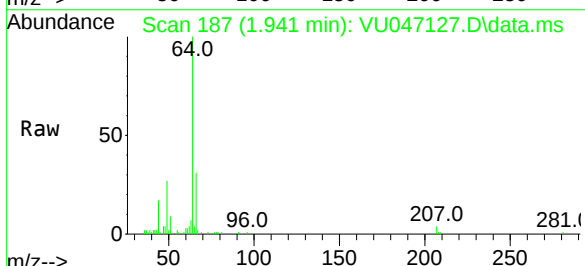
Manual Integrations
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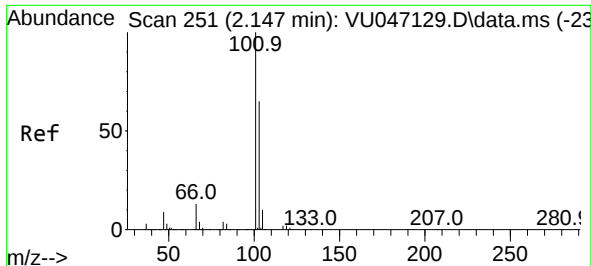
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#6
Chloroethane
Concen: 1.661 ug/l
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

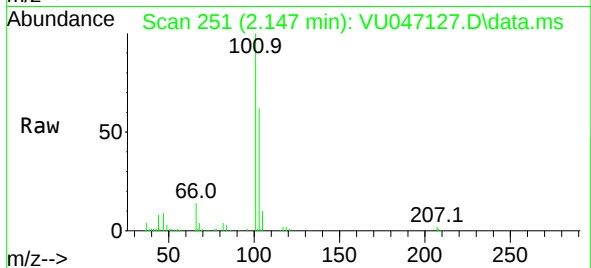
Tgt Ion: 64 Resp: 20020
Ion Ratio Lower Upper
64 100
66 31.4 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 1.681 ug/l
 RT: 2.147 min Scan# 251
 Delta R.T. 0.000 min
 Lab File: VU047127.D
 Acq: 14 Feb 2022 11:04

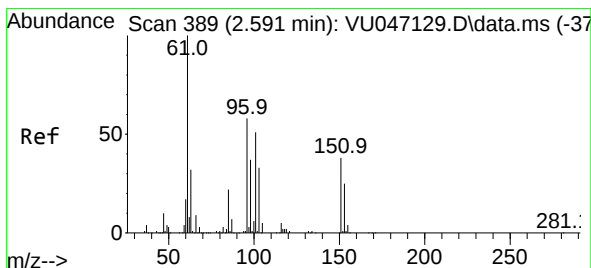
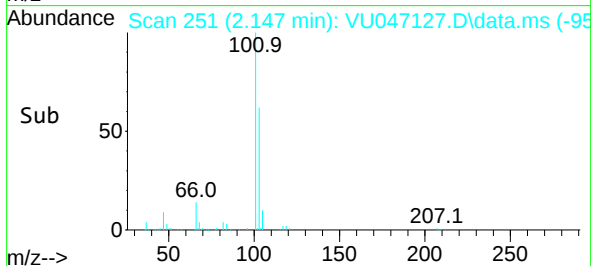
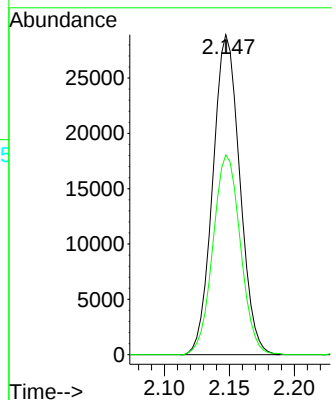
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002



Tgt Ion:101 Resp: 41735
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.2 78.2

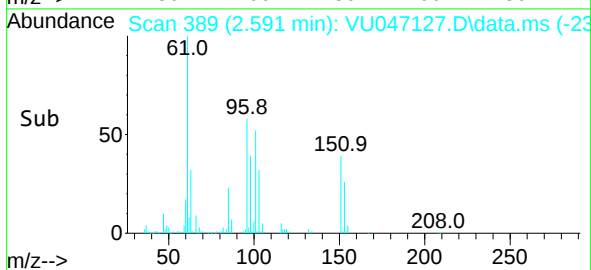
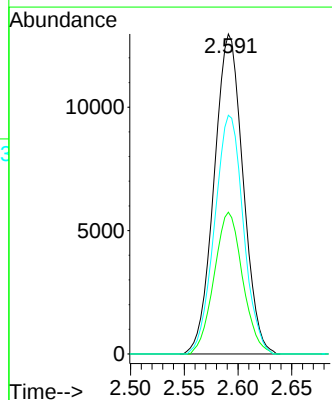
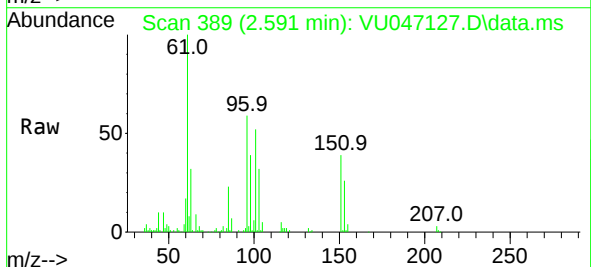
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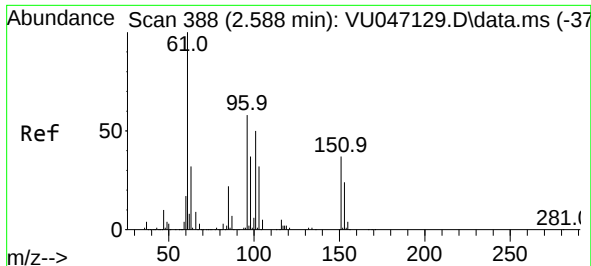
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.643 ug/l
 RT: 2.591 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: VU047127.D
 Acq: 14 Feb 2022 11:04

Tgt Ion:101 Resp: 24254
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.8 53.6
 151 74.3 54.6 81.8





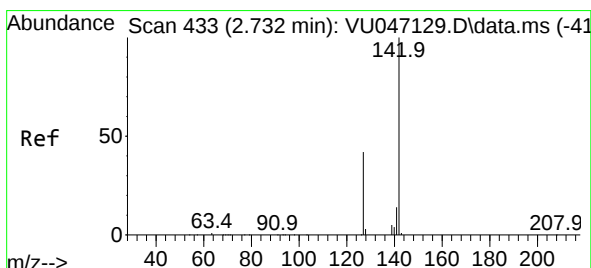
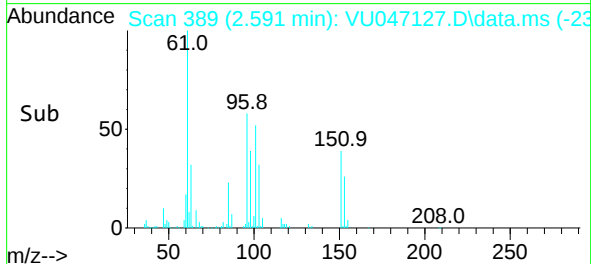
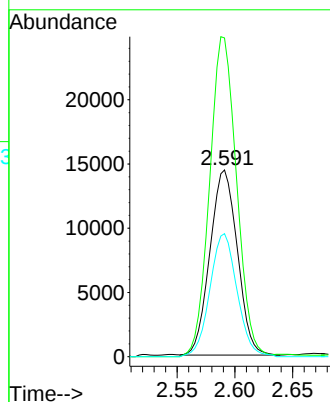
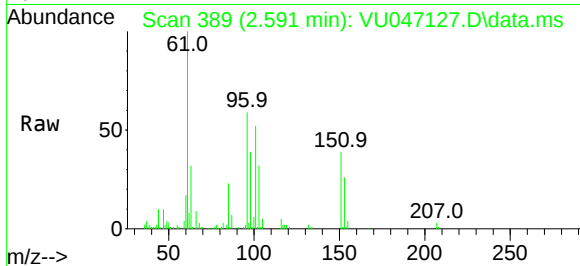
#9
1,1-Dichloroethene
Concen: 1.827 ug/l
RT: 2.591 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 96 Resp: 2384
Ion Ratio Lower Upper
96 100
61 172.2 0.0 514.2
98 66.4 0.0 126.4

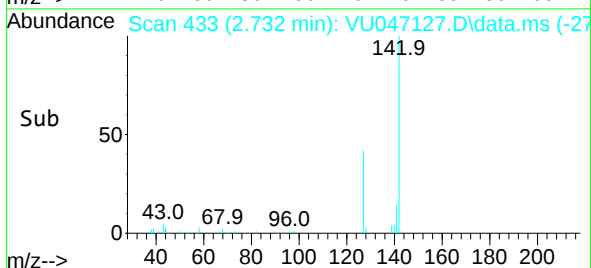
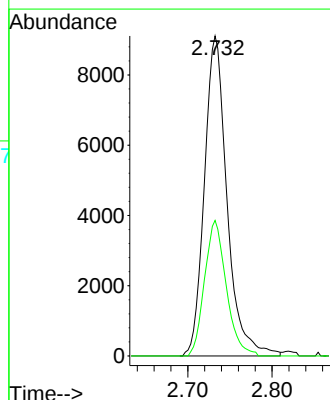
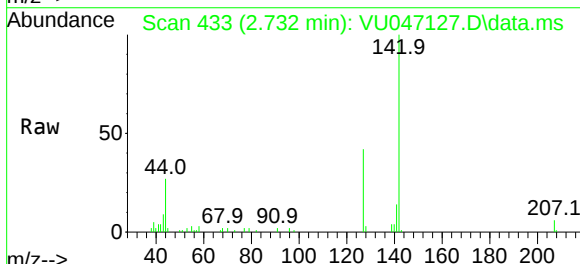
Manual Integrations
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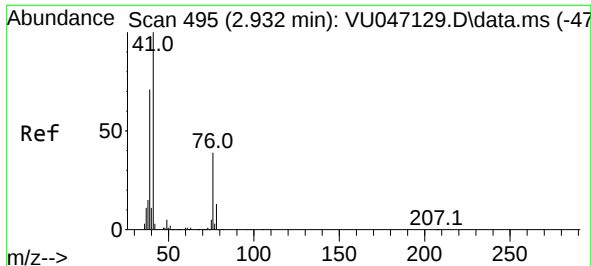
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#10
Iodomethane
Concen: 0.854 ug/l
RT: 2.732 min Scan# 433
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

Tgt Ion:142 Resp: 17063
Ion Ratio Lower Upper
142 100
127 40.6 33.2 49.8





#11

Allyl Chloride

Concen: 1.693 ug/l

RT: 2.932 min Scan# 495

Delta R.T. 0.000 min

Lab File: VU047127.D

Acq: 14 Feb 2022 11:04

Instrument :

MSVOA_U

Client Sample Id :

VSTDICC002

Tgt Ion: 41 Resp: 3834

Ion Ratio Lower Upper

41 100

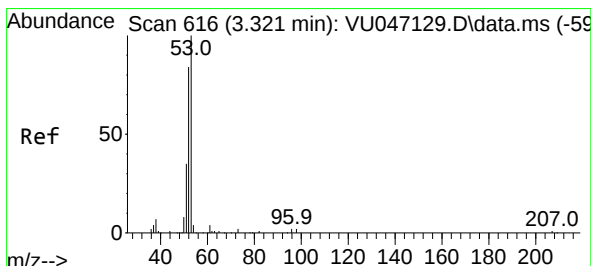
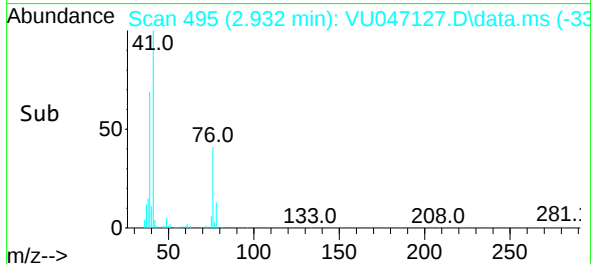
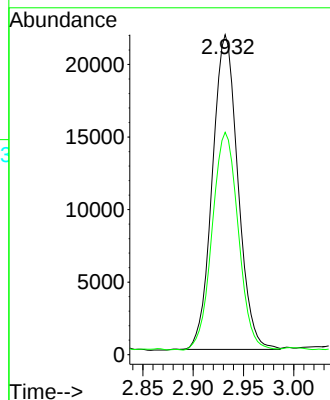
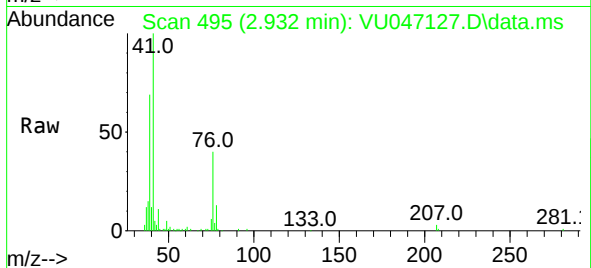
39 70.6 62.4 93.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#12

Acrylonitrile

Concen: 3.406 ug/l m

RT: 3.330 min Scan# 619

Delta R.T. 0.010 min

Lab File: VU047127.D

Acq: 14 Feb 2022 11:04

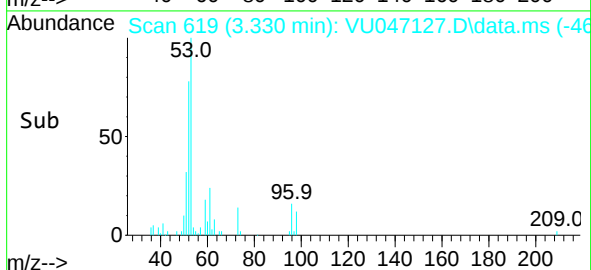
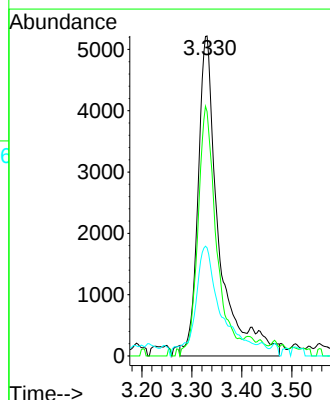
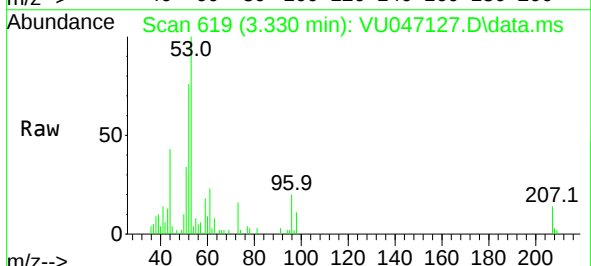
Tgt Ion: 53 Resp: 15043

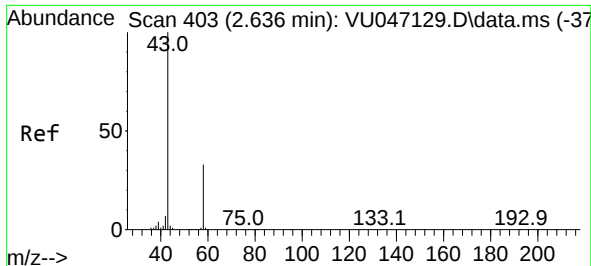
Ion Ratio Lower Upper

53 100

52 69.2 56.7 85.1

51 42.2 30.3 45.5





#13

Acetone

Concen: 6.192 ug/l

RT: 2.652 min Scan# 408

Delta R.T. 0.016 min

Lab File: VU047127.D

Acq: 14 Feb 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 43 Resp: 2235

Ion Ratio Lower Upper

43 100

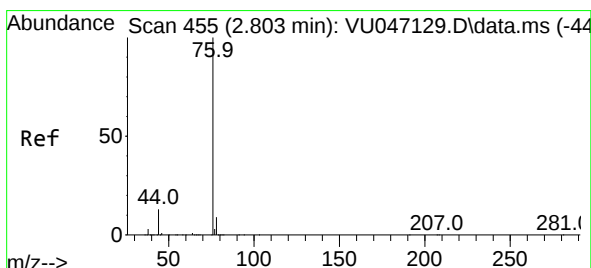
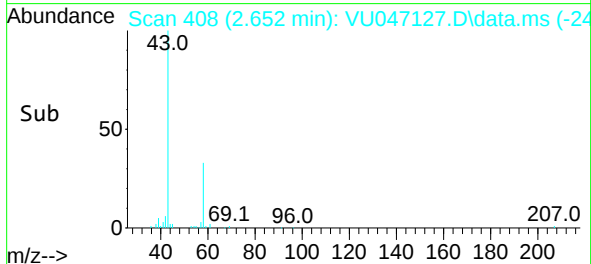
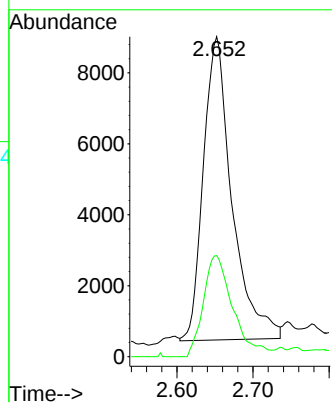
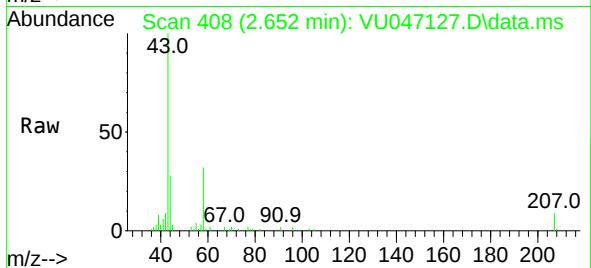
58 33.5 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#14

Carbon Disulfide

Concen: 2.011 ug/l

RT: 2.803 min Scan# 455

Delta R.T. 0.000 min

Lab File: VU047127.D

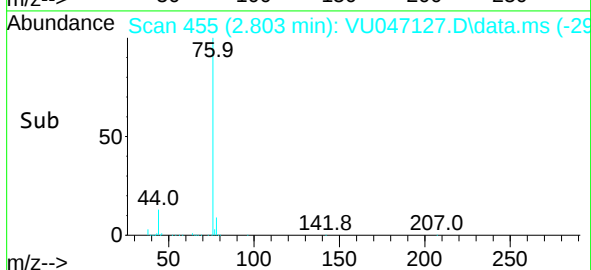
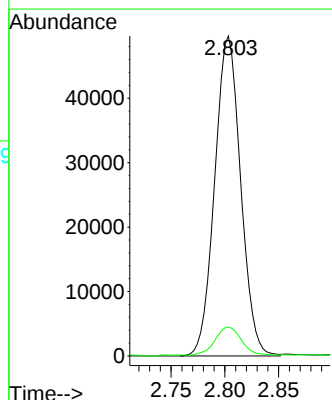
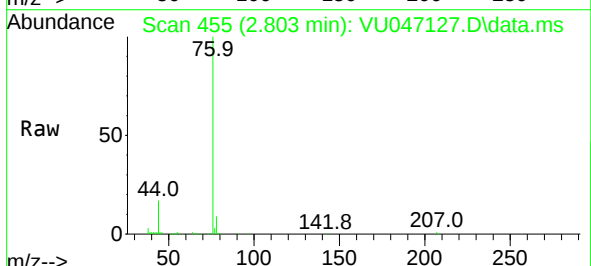
Acq: 14 Feb 2022 11:04

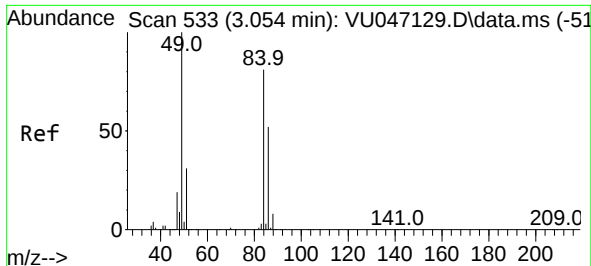
Tgt Ion: 76 Resp: 83370

Ion Ratio Lower Upper

76 100

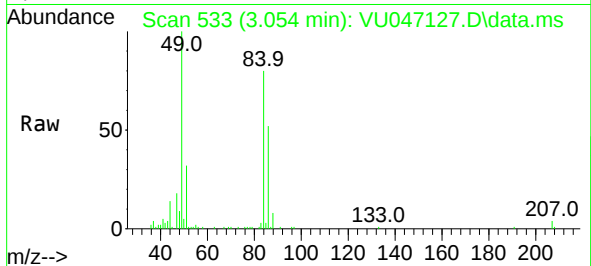
78 8.8 7.1 10.7





#15
Methylene Chloride
Concen: 1.668 ug/l
RT: 3.054 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

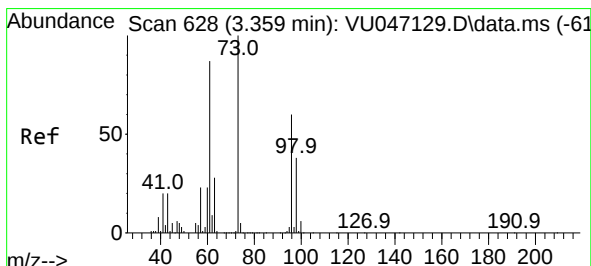
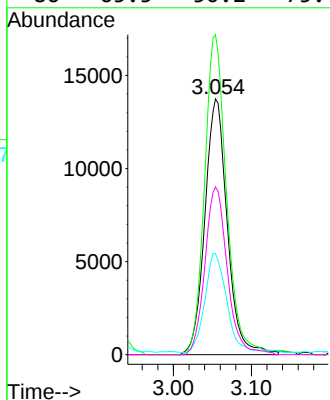
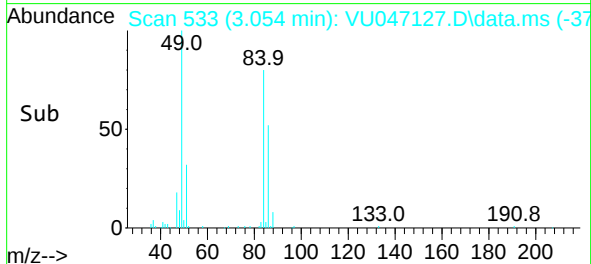
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



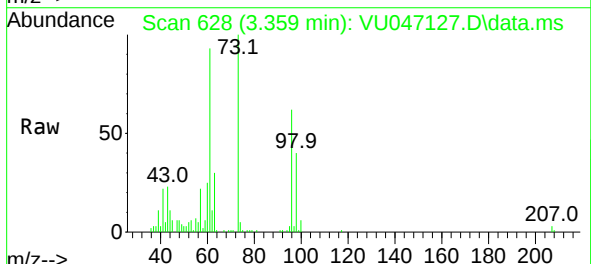
Tgt Ion: 84 Resp: 27552
Ion Ratio Lower Upper
84 100
49 125.1 97.2 145.8
51 38.6 0.0 73.4
86 65.5 50.2 75.4

Manual Integrations
APPROVED

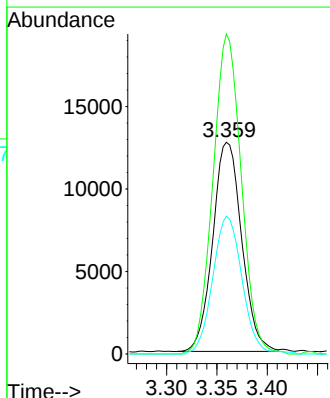
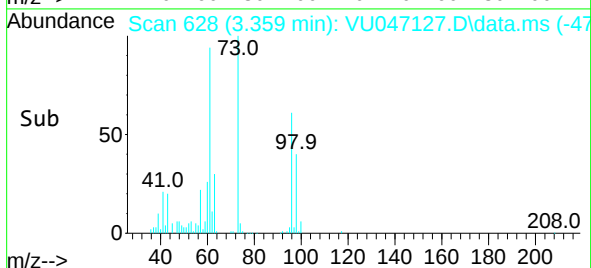
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

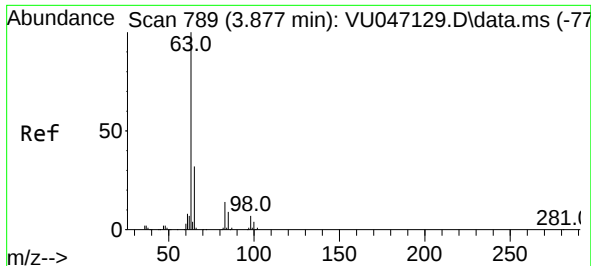


#16
trans-1,2-Dichloroethene
Concen: 1.733 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04



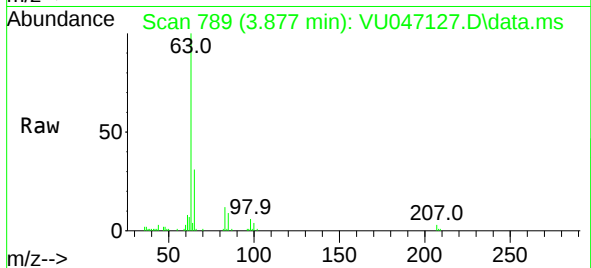
Tgt Ion: 96 Resp: 25430
Ion Ratio Lower Upper
96 100
61 153.0 115.8 173.6
98 65.9 51.1 76.7





#17
1,1-Dichloroethane
Concen: 1.677 ug/l
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

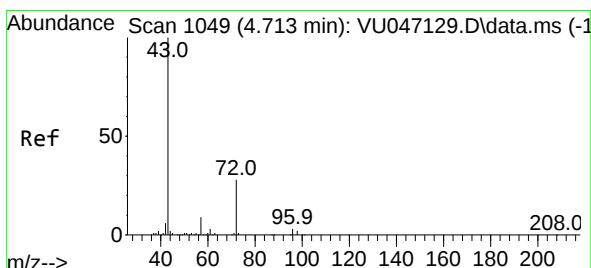
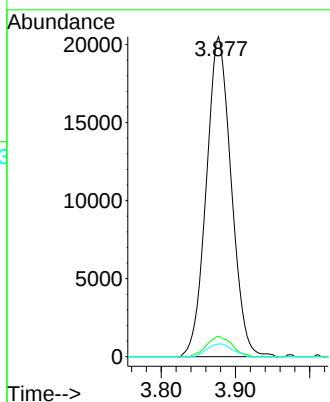
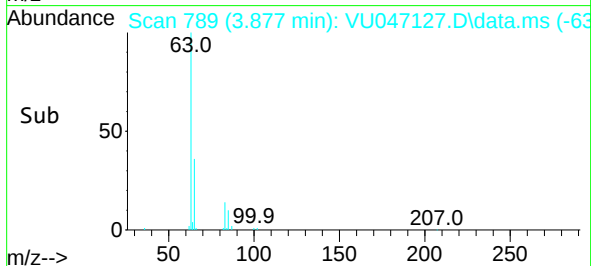
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



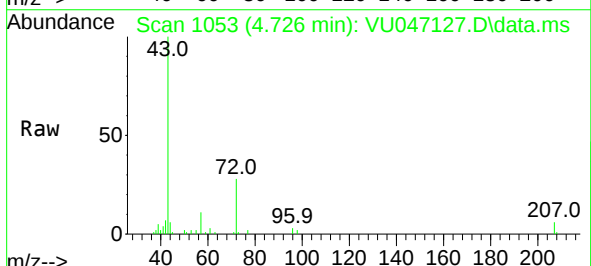
Tgt Ion: 63 Resp: 47800
Ion Ratio Lower Upper
63 100
98 6.4 3.6 10.8
100 3.9 2.1 6.5

Manual Integrations
APPROVED

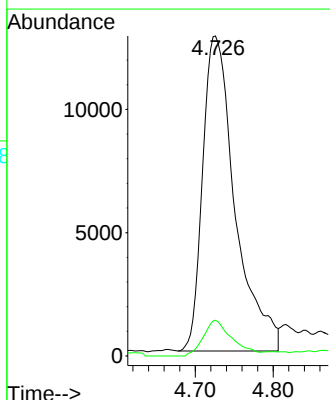
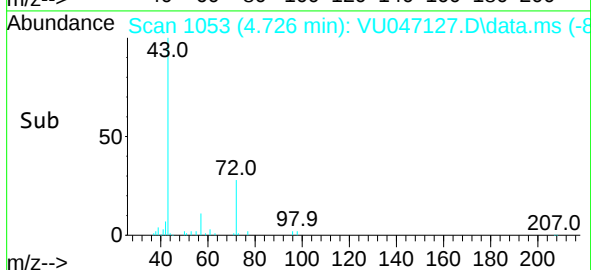
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

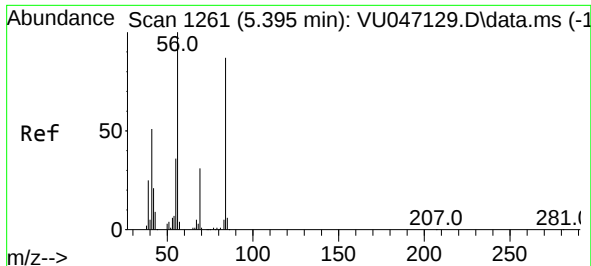


#18
2-Butanone
Concen: 6.976 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.013 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04



Tgt Ion: 43 Resp: 37121
Ion Ratio Lower Upper
43 100
57 11.3 0.0 16.6





#19

Cyclohexane

Concen: 1.914 ug/l m

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047127.D

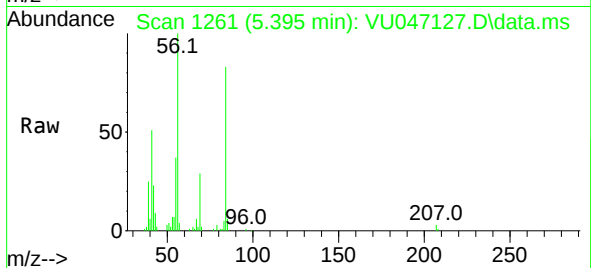
Acq: 14 Feb 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002



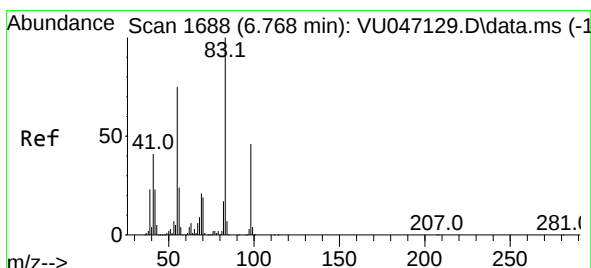
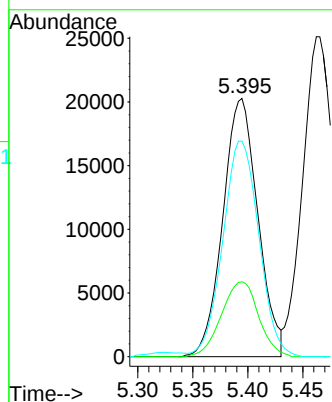
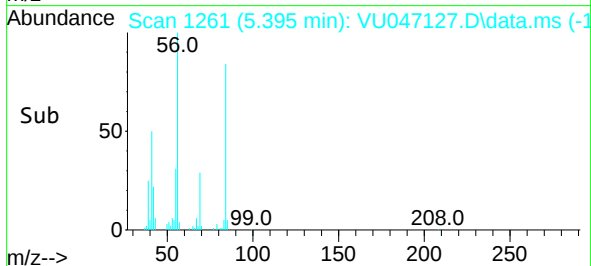
Tgt Ion: 56	Resp: 44910
Ion Ratio	Lower Upper
56	100
69	30.8 24.7 37.1
84	84.3 68.8 103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#20

Methylcyclohexane

Concen: 2.136 ug/l

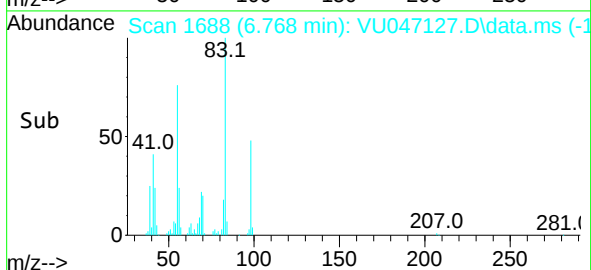
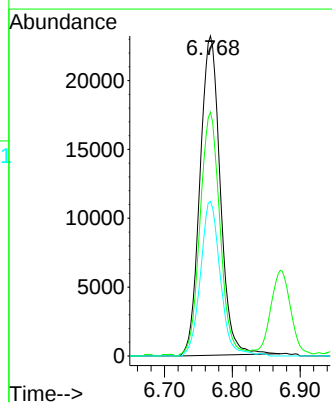
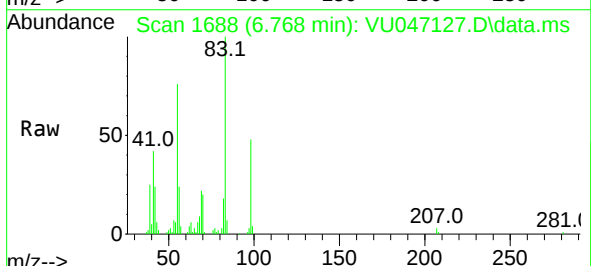
RT: 6.768 min Scan# 1688

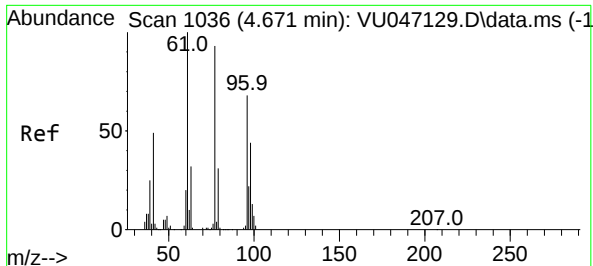
Delta R.T. 0.000 min

Lab File: VU047127.D

Acq: 14 Feb 2022 11:04

Tgt Ion: 83	Resp: 48091
Ion Ratio	Lower Upper
83	100
55	73.0 61.9 92.9
98	46.4 37.4 56.2





#21

2,2-Dichloropropane

Concen: 1.988 ug/l

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU047127.D

Acq: 14 Feb 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 77 Resp: 43349

Ion Ratio Lower Upper

77 100

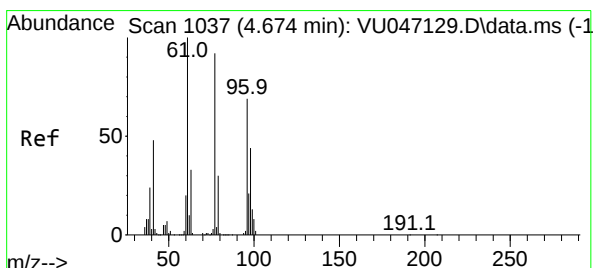
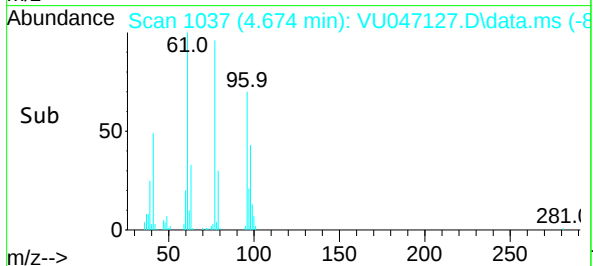
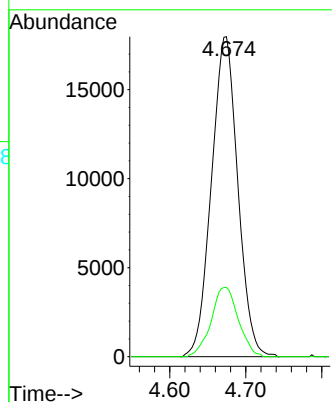
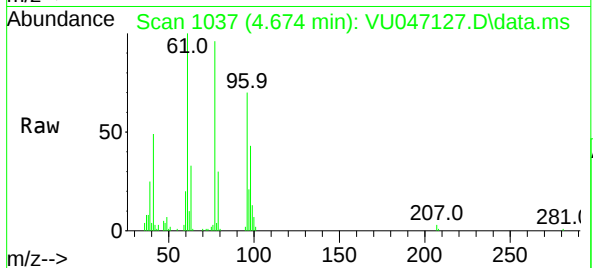
97 22.4 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#22

cis-1,2-Dichloroethene

Concen: 1.802 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VU047127.D

Acq: 14 Feb 2022 11:04

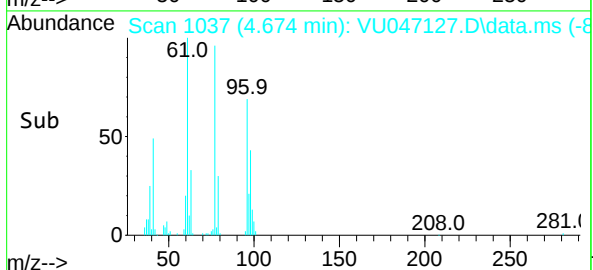
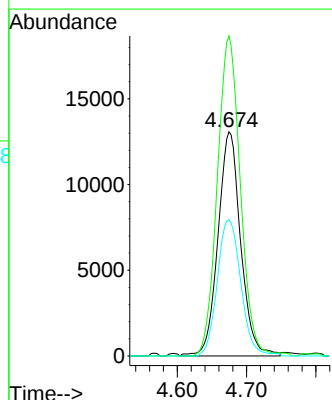
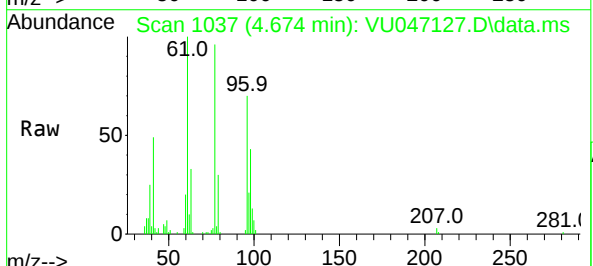
Tgt Ion: 96 Resp: 29762

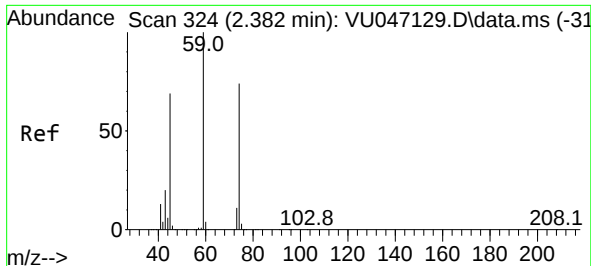
Ion Ratio Lower Upper

96 100

61 144.1 0.0 385.3

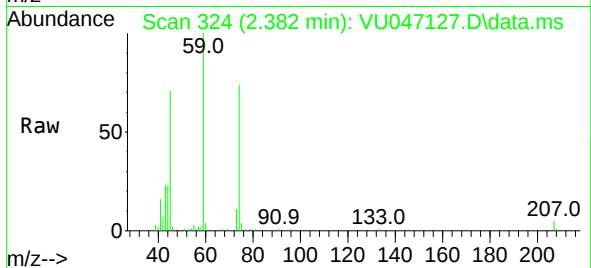
98 63.0 32.1 96.3





#23
Diethyl Ether
Concen: 1.697 ug/l
RT: 2.382 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

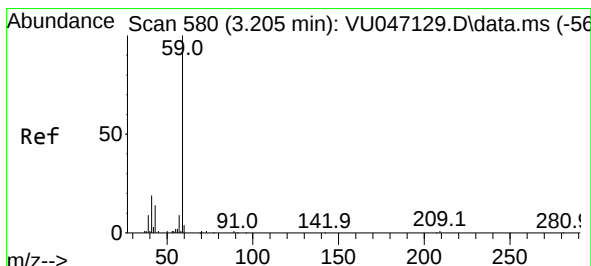
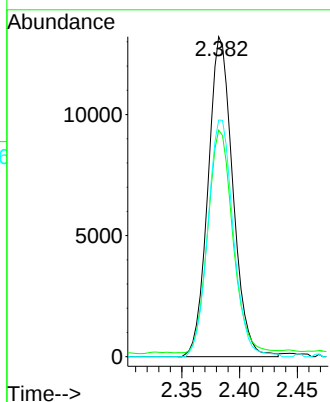
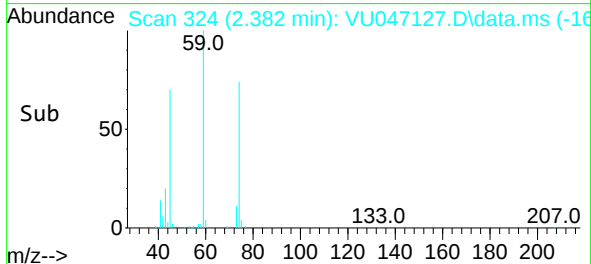
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



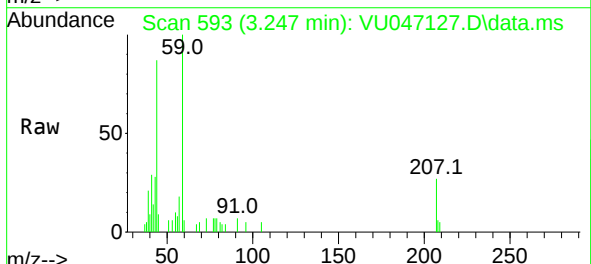
Tgt Ion: 59 Resp: 19734
Ion Ratio Lower Upper
59 100
45 70.2 55.6 83.4
74 76.0 58.1 87.1

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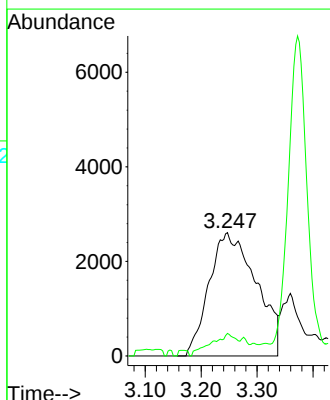
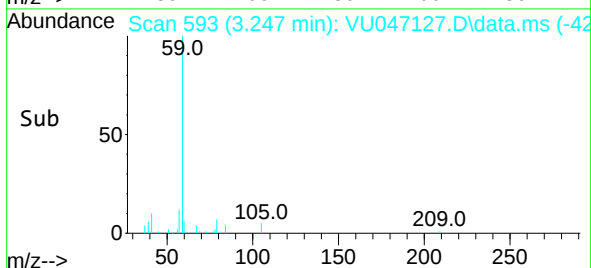
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

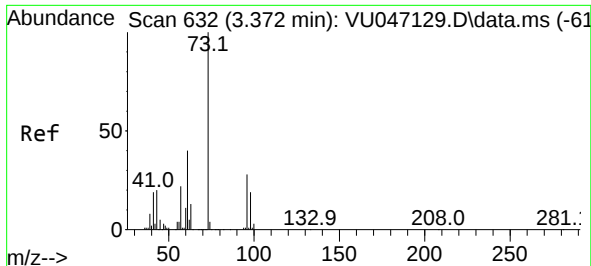


#24
tert-Butyl Alcohol
Concen: 14.617 ug/l m
RT: 3.247 min Scan# 593
Delta R.T. 0.042 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04



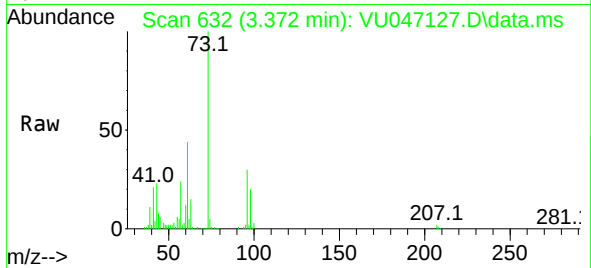
Tgt Ion: 59 Resp: 15241
Ion Ratio Lower Upper
59 100
57 10.0 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 1.775 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

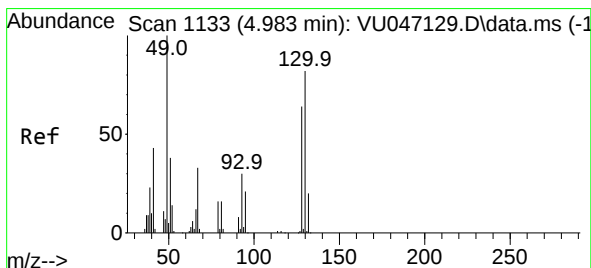
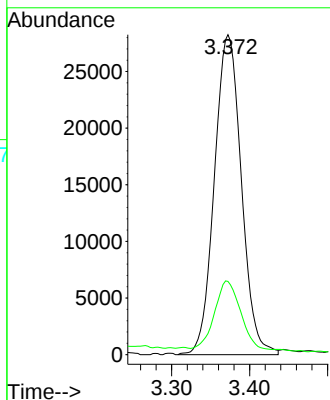
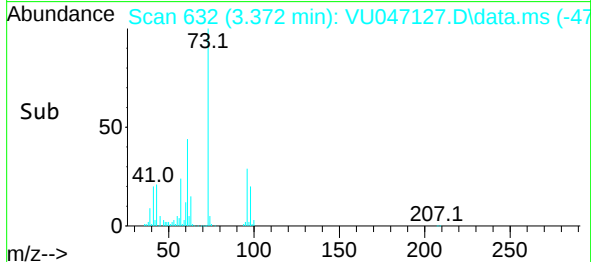
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



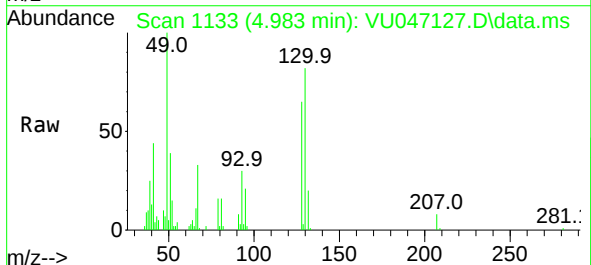
Tgt Ion: 73 Resp: 68100
Ion Ratio Lower Upper
73 100
43 20.5 16.3 24.5

Manual Integrations
APPROVED

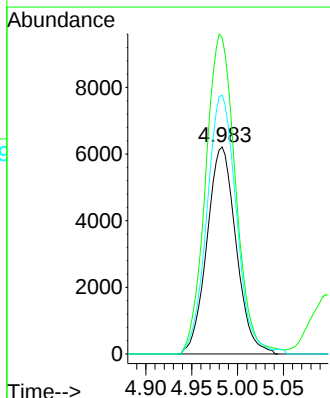
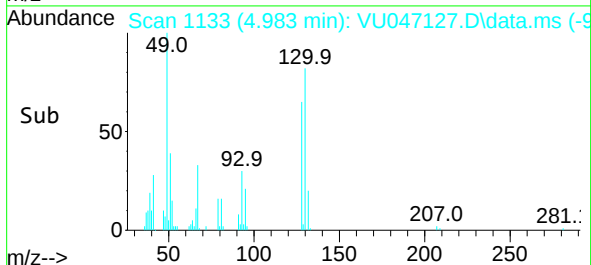
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

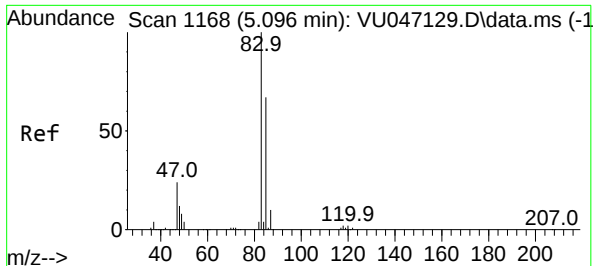


#26
Bromochloromethane
Concen: 1.730 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04



Tgt Ion:128 Resp: 13688
Ion Ratio Lower Upper
128 100
49 158.8 0.0 347.4
130 126.8 101.5 152.3





#27

Chloroform

Concen: 1.577 ug/l

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU047127.D

Acq: 14 Feb 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 83 Resp: 48218

Ion Ratio Lower Upper

83 100

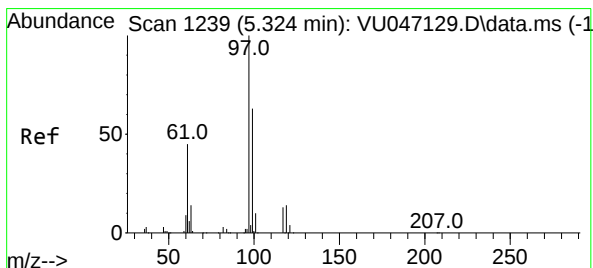
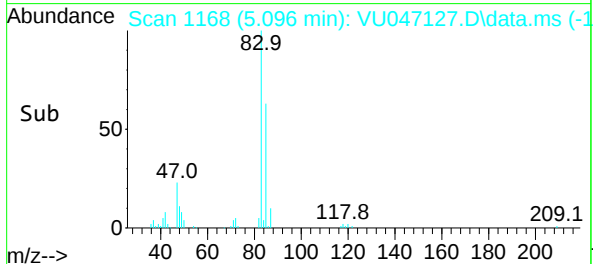
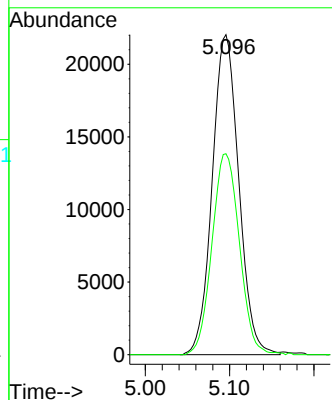
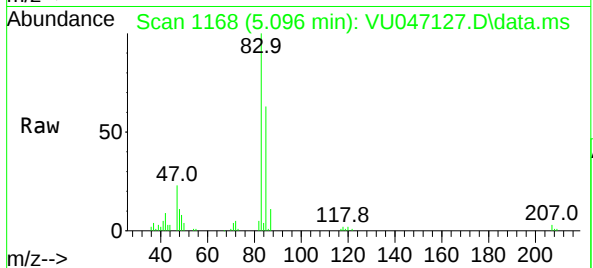
85 62.8 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#28

1,1,1-Trichloroethane

Concen: 1.767 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU047127.D

Acq: 14 Feb 2022 11:04

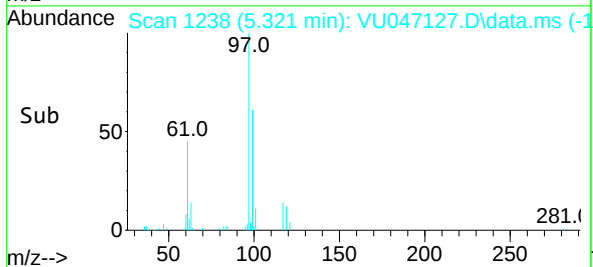
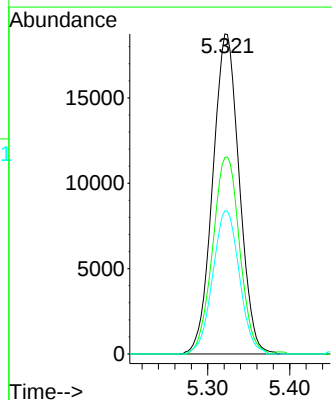
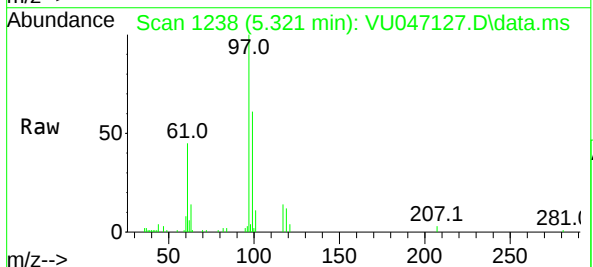
Tgt Ion: 97 Resp: 42103

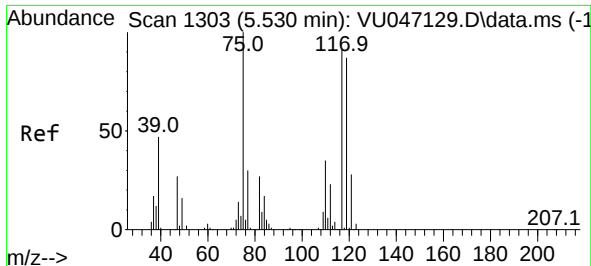
Ion Ratio Lower Upper

97 100

99 62.6 32.2 96.6

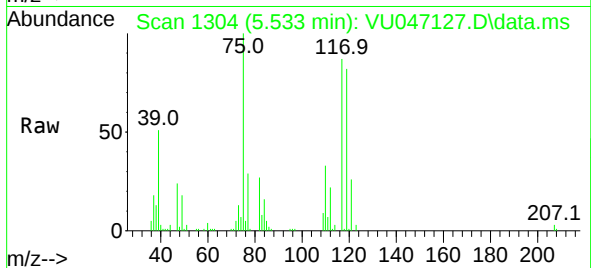
61 45.0 24.5 73.5





#29
1,1-Dichloropropene
Concen: 1.854 ug/l
RT: 5.533 min Scan# 1103
Delta R.T. 0.003 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

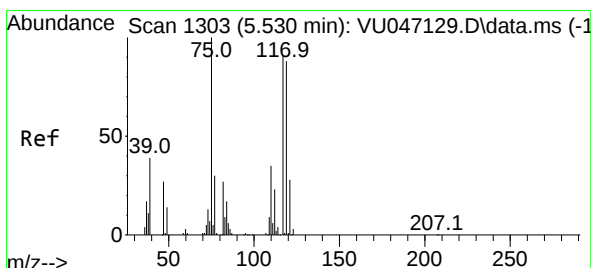
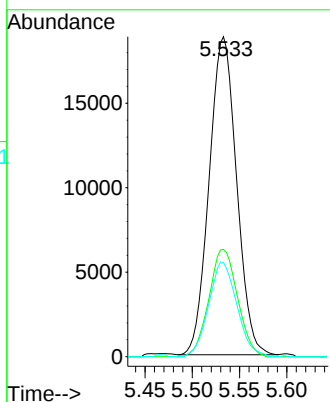
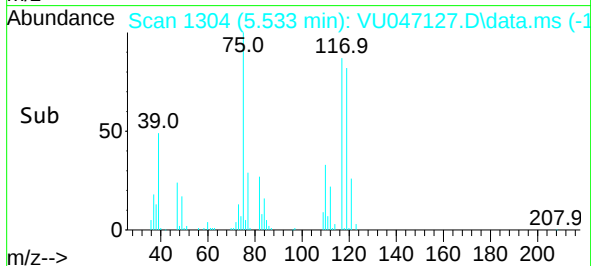
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



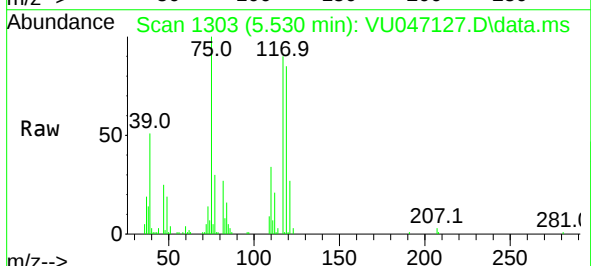
Tgt Ion: 75 Resp: 38038
Ion Ratio Lower Upper
75 100
110 35.1 16.8 50.3
77 30.6 24.7 37.1

Manual Integrations
APPROVED

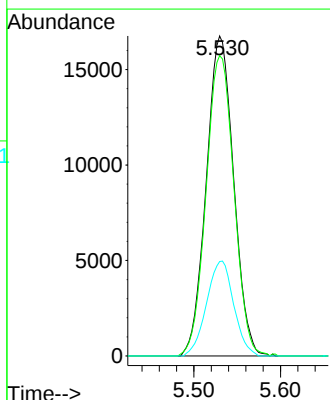
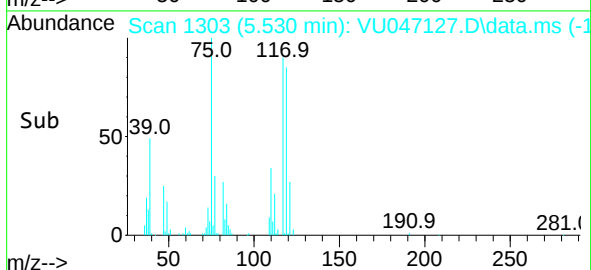
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

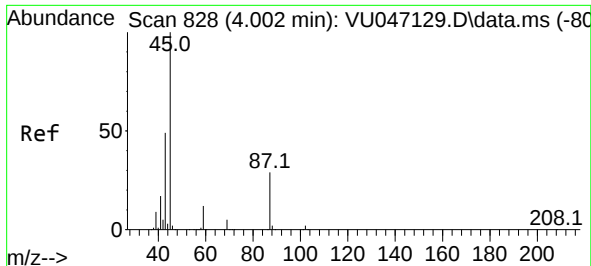


#30
Carbon Tetrachloride
Concen: 1.797 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04



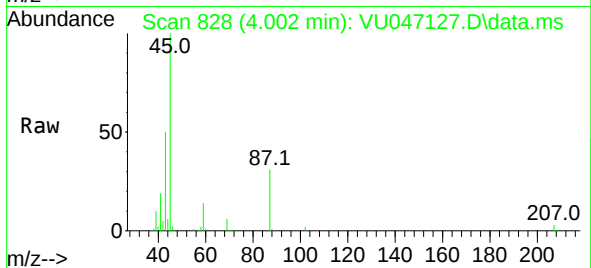
Tgt Ion:117 Resp: 36799
Ion Ratio Lower Upper
117 100
119 93.9 76.8 115.2
121 29.5 24.6 37.0





#31
Isopropyl Ether
Concen: 1.746 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

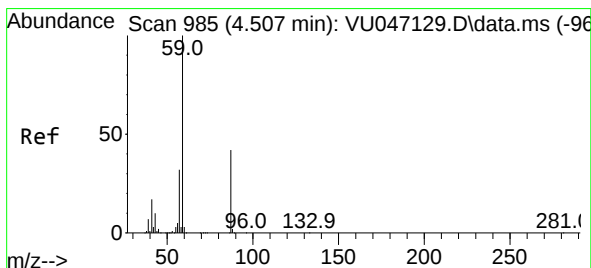
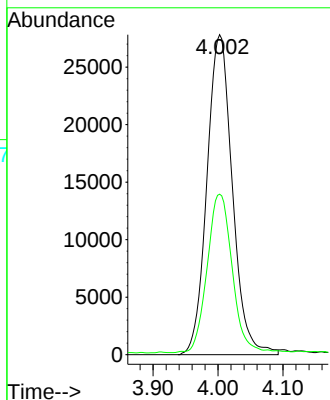
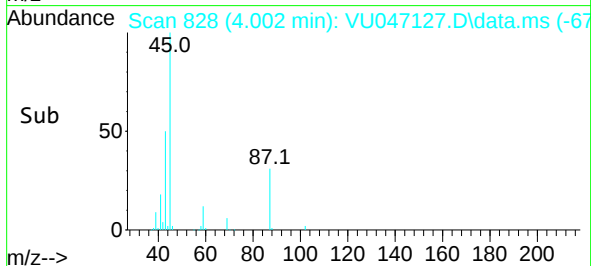
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



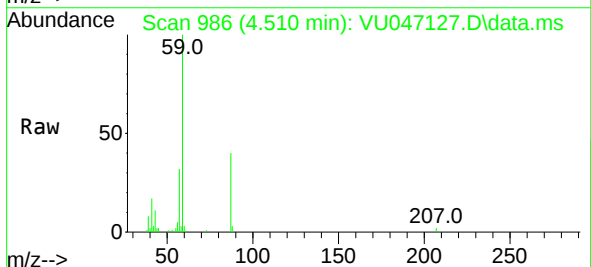
Tgt Ion: 45 Resp: 75740
Ion Ratio Lower Upper
45 100
43 48.3 25.3 75.8

Manual Integrations
APPROVED

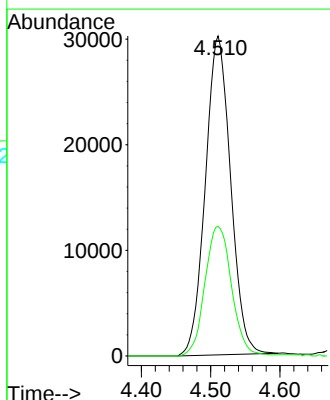
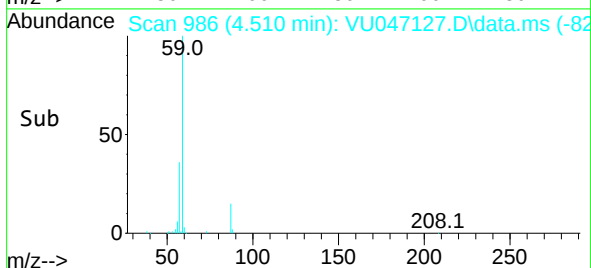
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

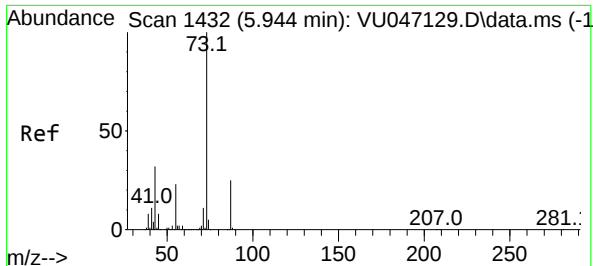


#32
Ethyl-t-butyl ether
Concen: 1.961 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04



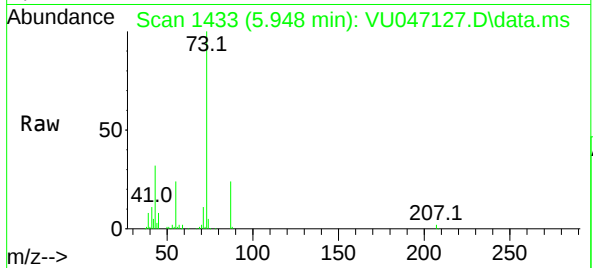
Tgt Ion: 59 Resp: 76441
Ion Ratio Lower Upper
59 100
87 42.3 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 2.057 ug/l
RT: 5.948 min Scan# 1432
Delta R.T. 0.003 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

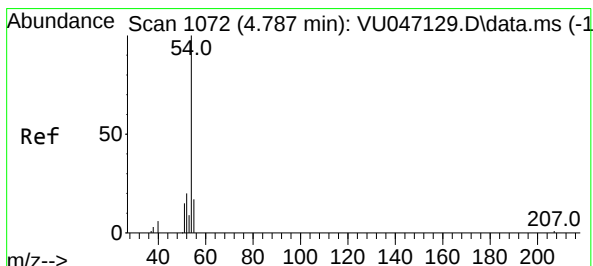
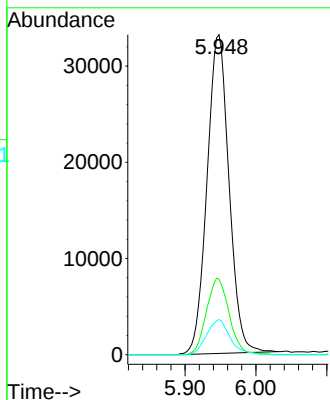
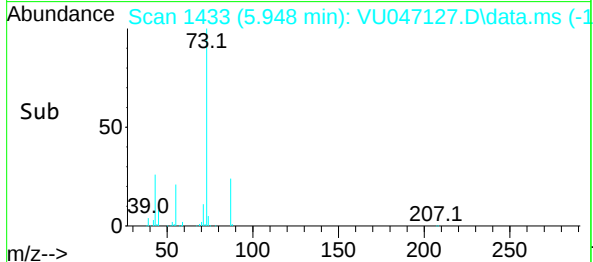
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



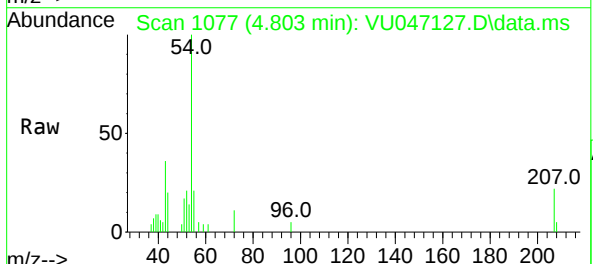
Tgt Ion: 73 Resp: 71490
Ion Ratio Lower Upper
73 100
87 24.7 18.6 28.0
71 11.6 9.0 13.6

Manual Integrations
APPROVED

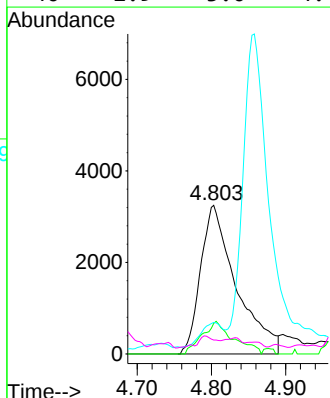
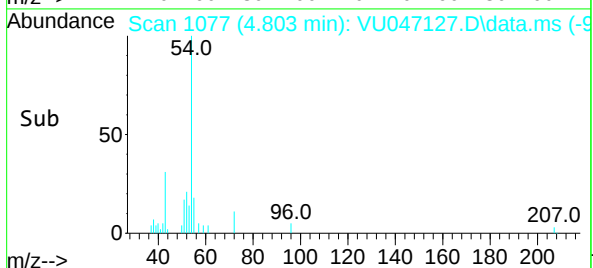
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

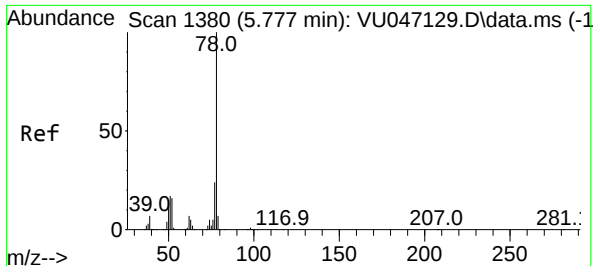


#34
Propionitrile
Concen: 6.848 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.016 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04



Tgt Ion: 54 Resp: 10838
Ion Ratio Lower Upper
54 100
52 19.2 11.9 17.9#
55 10.3 8.0 12.0
40 2.9 3.0 4.4#





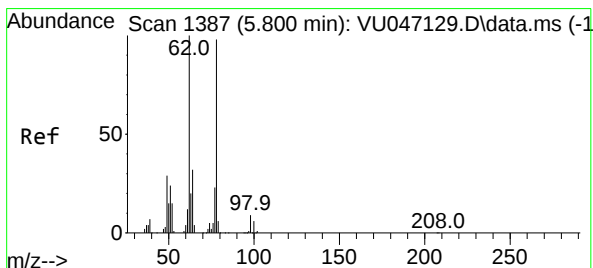
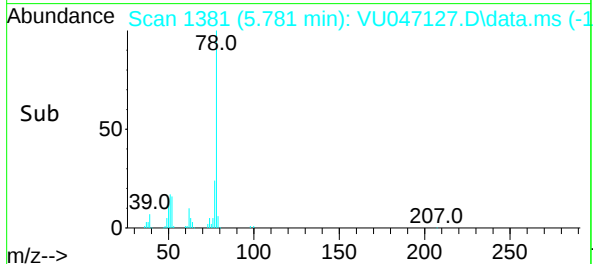
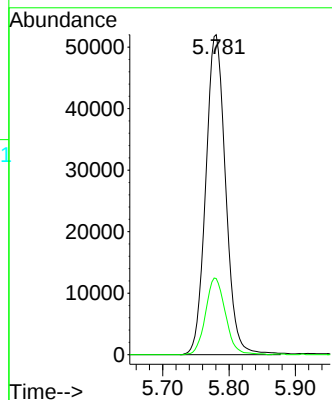
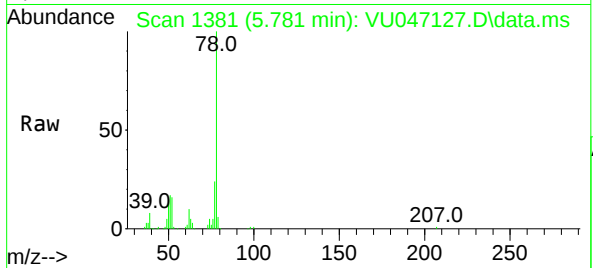
#35
Benzene
Concen: 1.750 ug/l
RT: 5.781 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 78 Resp: 108104
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

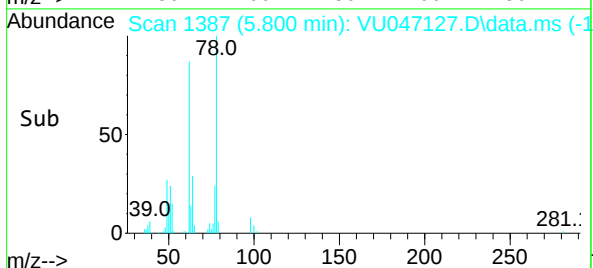
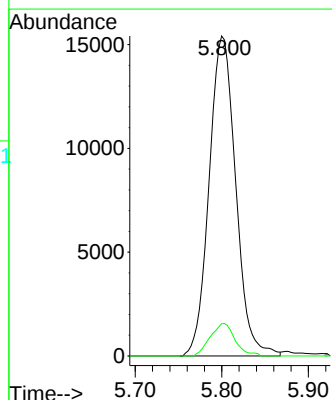
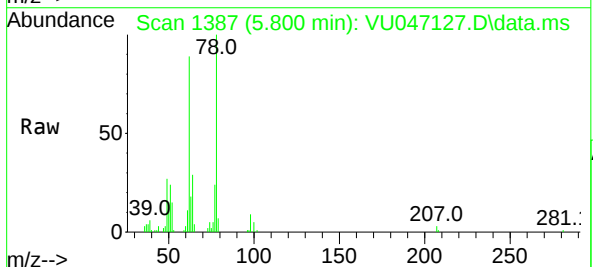
Manual Integrations
APPROVED

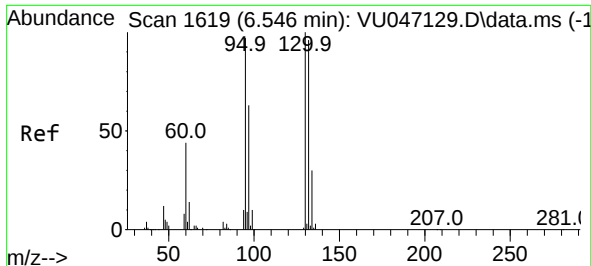
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#36
1,2-Dichloroethane
Concen: 1.748 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

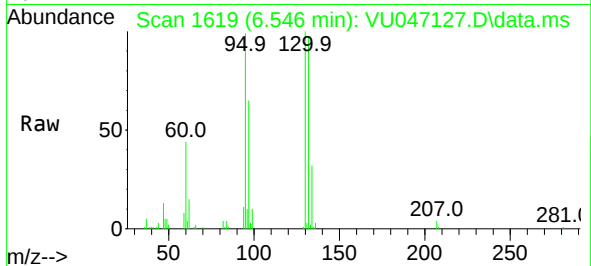
Tgt Ion: 62 Resp: 32907
Ion Ratio Lower Upper
62 100
98 9.5 7.3 10.9





#37
Trichloroethene
Concen: 1.927 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

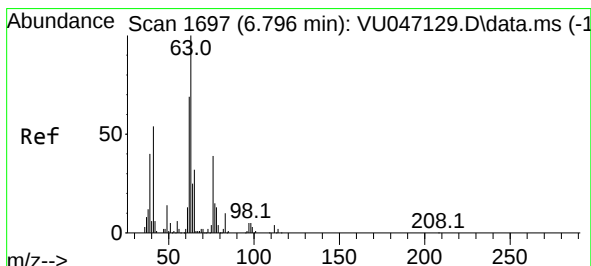
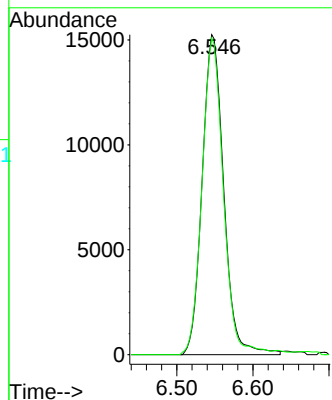
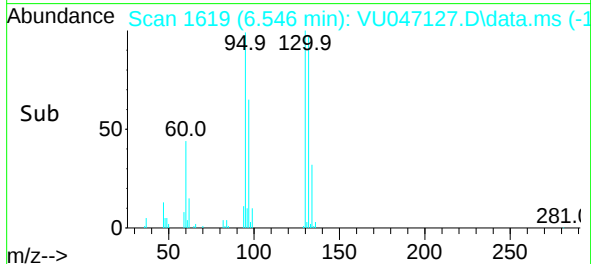
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



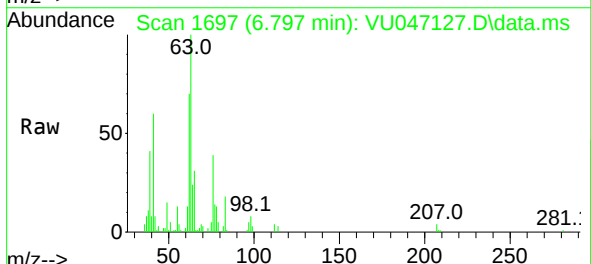
Tgt Ion:130 Resp: 2998
Ion Ratio Lower Upper
130 100
95 99.0 83.8 125.8

Manual Integrations
APPROVED

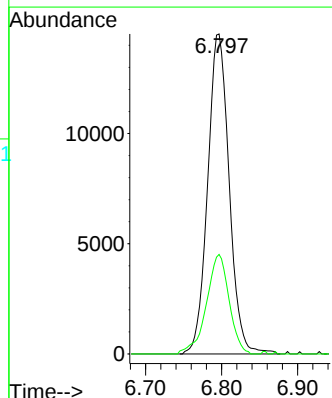
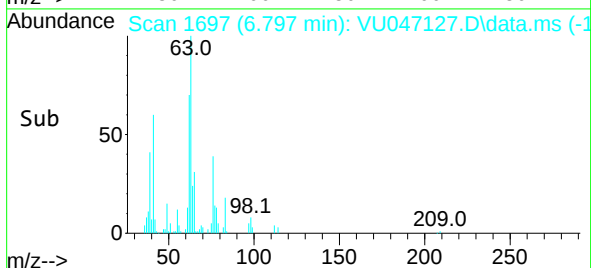
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

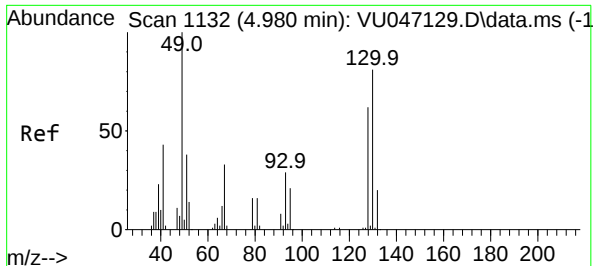


#38
1,2-Dichloropropane
Concen: 1.746 ug/l
RT: 6.797 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04



Tgt Ion: 63 Resp: 28574
Ion Ratio Lower Upper
63 100
65 31.1 24.7 37.1





#39

Methacrylonitrile

Concen: 1.661 ug/l

RT: 4.986 min Scan# 1132

Delta R.T. 0.007 min

Lab File: VU047127.D

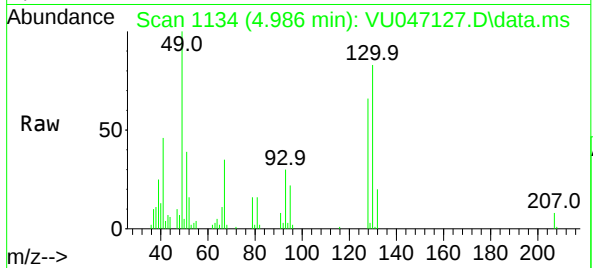
Acq: 14 Feb 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002



Tgt Ion: 41 Resp: 9739

Ion Ratio Lower Upper

41 100

67 82.9 65.2 97.8

39 57.2 43.0 64.6

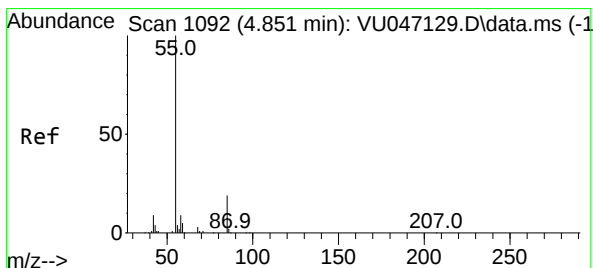
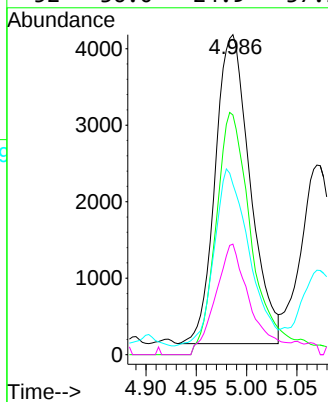
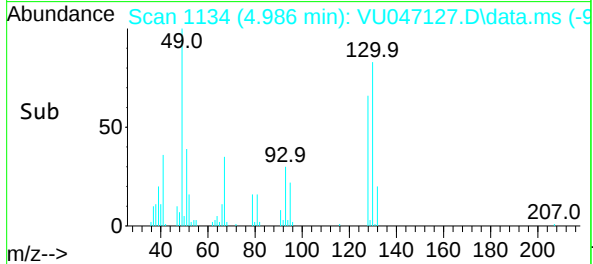
52 36.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#40

Methyl acrylate

Concen: 1.835 ug/l

RT: 4.858 min Scan# 1094

Delta R.T. 0.007 min

Lab File: VU047127.D

Acq: 14 Feb 2022 11:04

Tgt Ion: 55 Resp: 16409

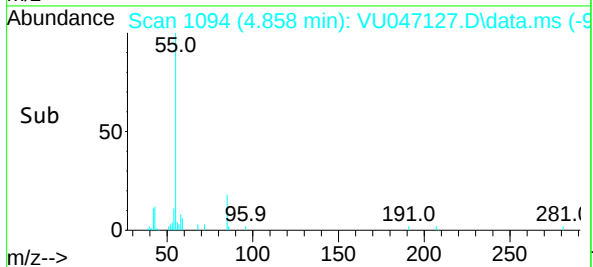
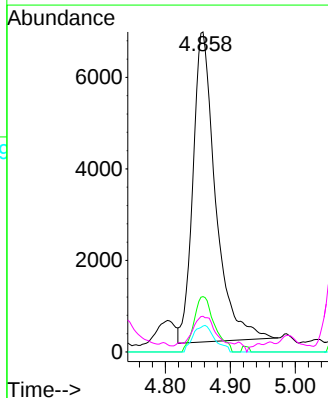
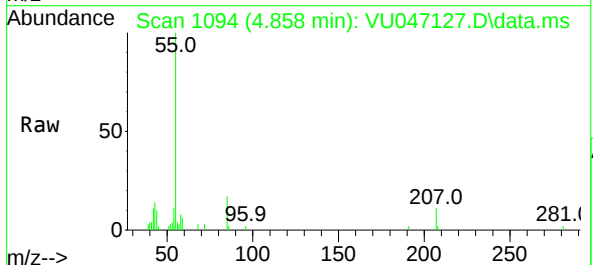
Ion Ratio Lower Upper

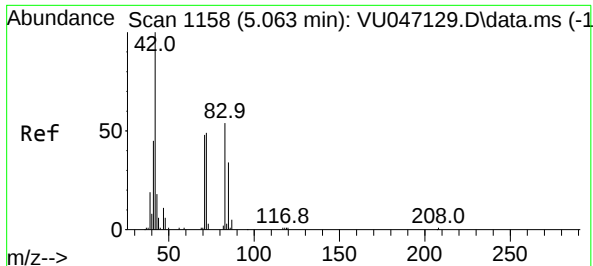
55 100

85 16.2 12.2 18.2

58 8.2 6.7 10.1

42 7.9 6.9 10.3





#41

Tetrahydrofuran

Concen: 2.987 ug/l

RT: 5.070 min Scan# 1158

Delta R.T. 0.007 min

Lab File: VU047127.D

Acq: 14 Feb 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 42 Resp: 9875

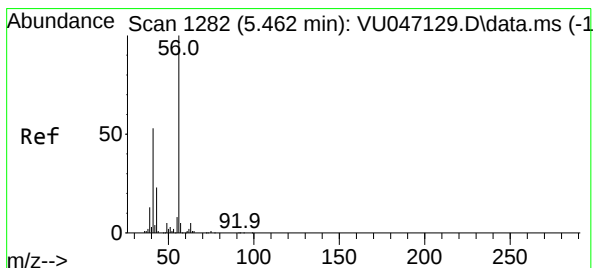
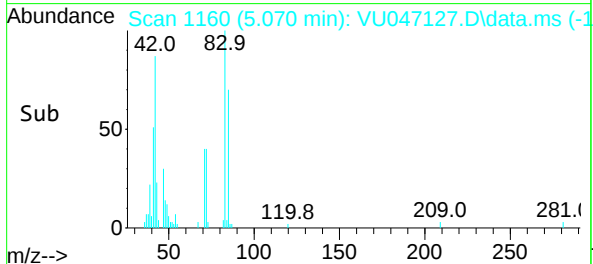
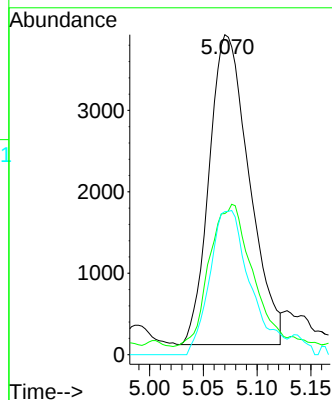
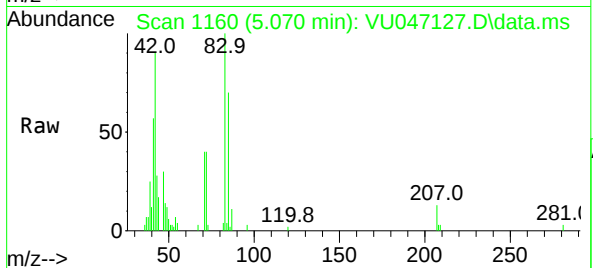
Ion	Ratio	Lower	Upper
42	100		
72	50.1	42.4	63.6
71	47.1	36.4	54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#42

1-Chlorobutane

Concen: 1.750 ug/l

RT: 5.462 min Scan# 1282

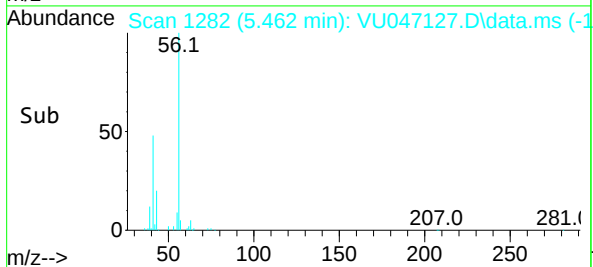
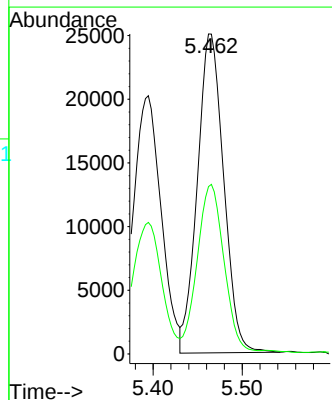
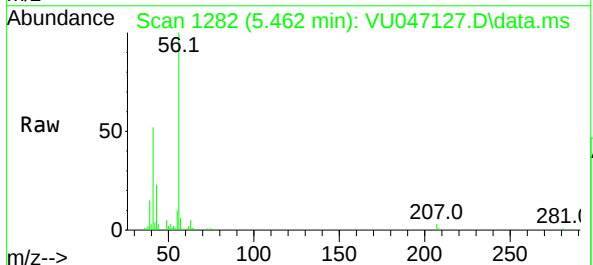
Delta R.T. 0.000 min

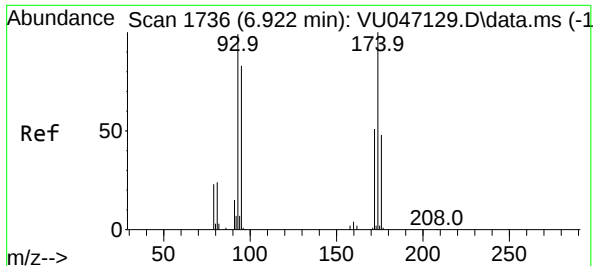
Lab File: VU047127.D

Acq: 14 Feb 2022 11:04

Tgt Ion: 56 Resp: 51356

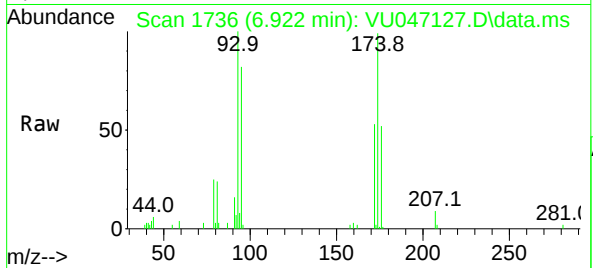
Ion	Ratio	Lower	Upper
56	100		
41	52.3	26.0	78.0





#43
Dibromomethane
Concen: 1.730 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

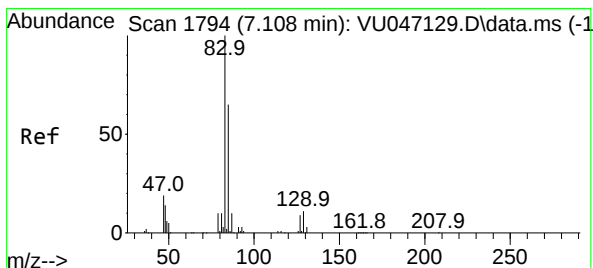
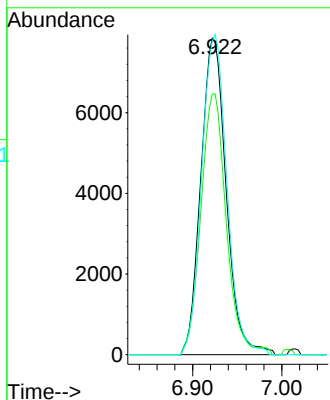
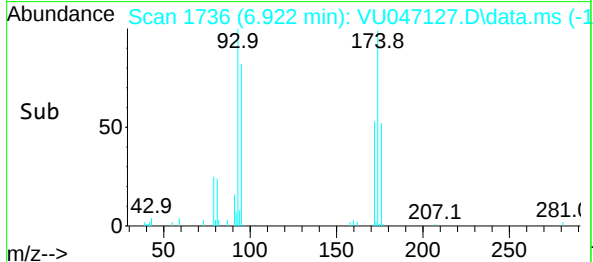
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



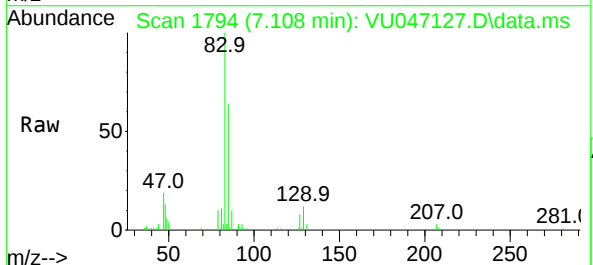
Tgt Ion: 93 Resp: 15504
Ion Ratio Lower Upper
93 100
95 81.6 66.2 99.2
174 100.5 70.7 106.1

Manual Integrations
APPROVED

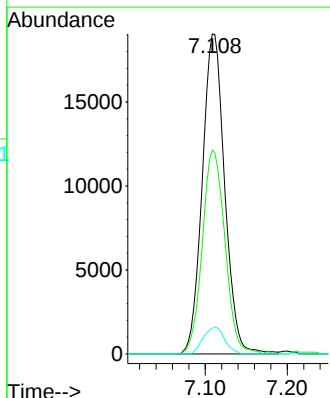
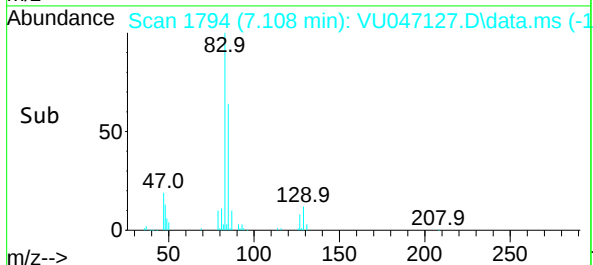
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

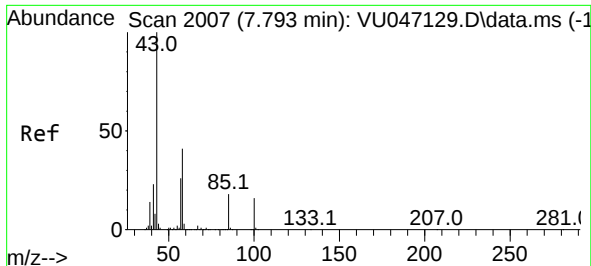


#44
Bromodichloromethane
Concen: 1.702 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04



Tgt Ion: 83 Resp: 36138
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3
127 8.1 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 9.568 ug/l

RT: 7.797 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047127.D

Acq: 14 Feb 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 43 Resp: 105539

Ion Ratio Lower Upper

43 100

58 42.0 21.0 63.0

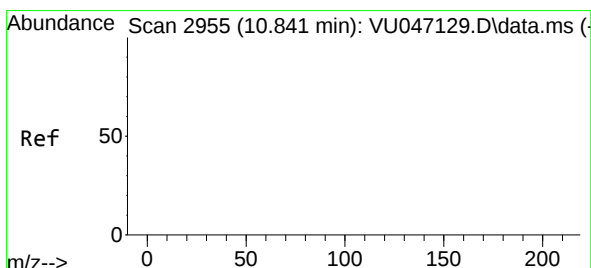
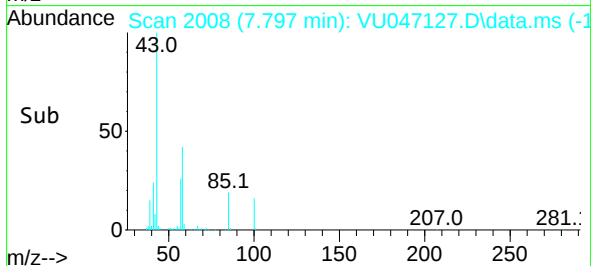
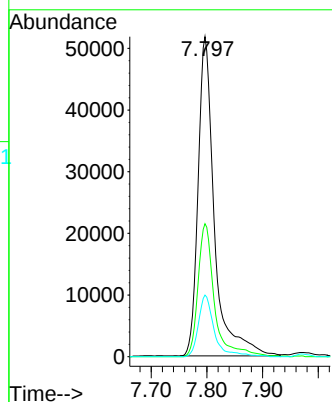
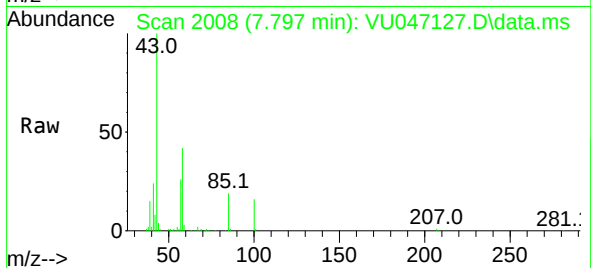
85 18.9 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#46

t-1,4-Dichloro-2-butene

Concen: 3.882 ug/l m

RT: 10.838 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VU047127.D

Acq: 14 Feb 2022 11:04

Tgt Ion: 75 Resp: 17044

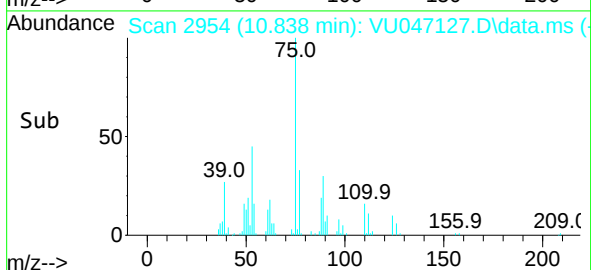
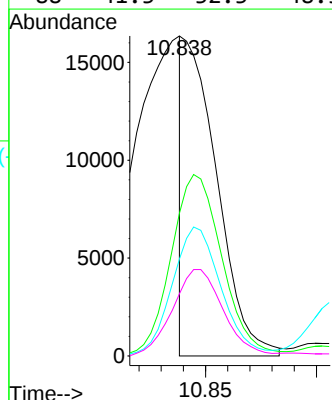
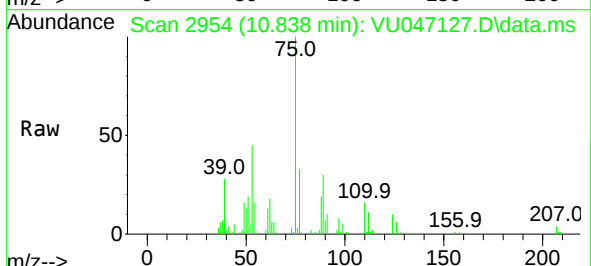
Ion Ratio Lower Upper

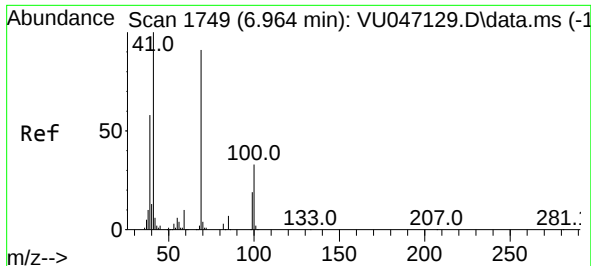
75 100

53 87.2 66.8 100.2

89 59.5 41.7 62.5

88 41.3 32.3 48.5





#47

Methyl methacrylate

Concen: 4.045 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU047127.D

Acq: 14 Feb 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 69 Resp: 32040

Ion Ratio Lower Upper

69 100

41 108.5 0.0 230.0

39 63.0 55.1 82.7

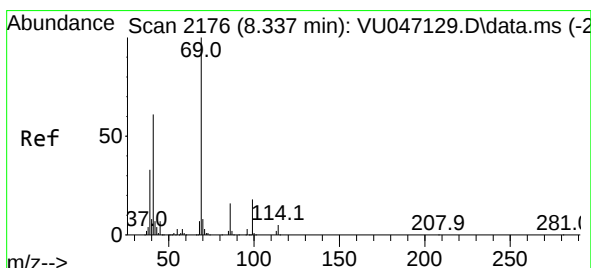
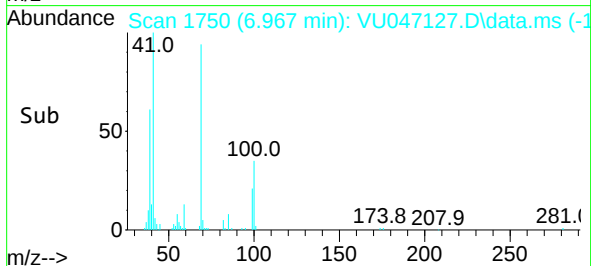
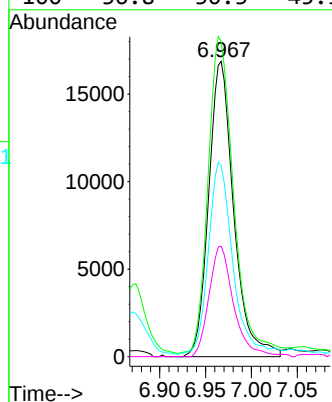
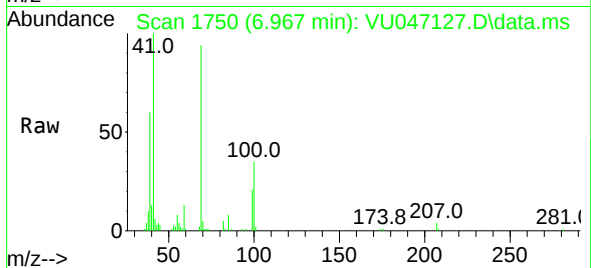
100 36.8 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#48

Ethyl methacrylate

Concen: 2.274 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU047127.D

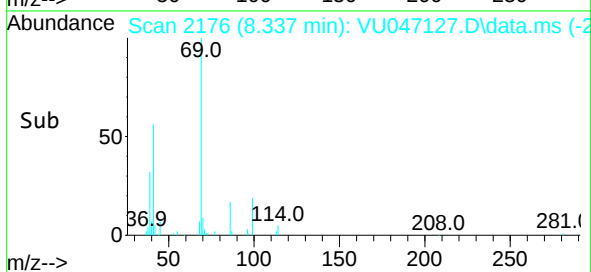
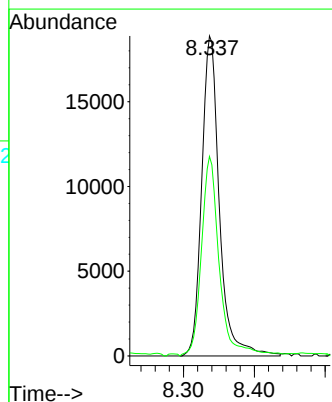
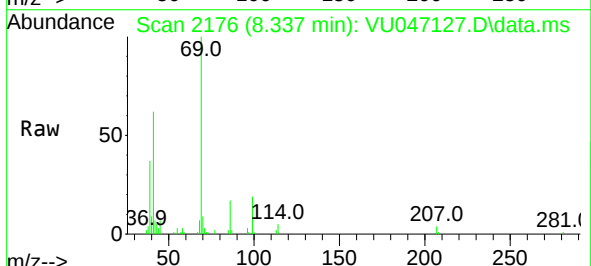
Acq: 14 Feb 2022 11:04

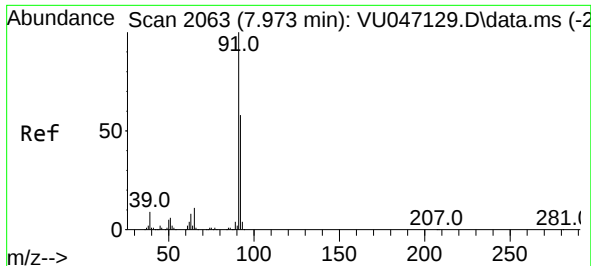
Tgt Ion: 69 Resp: 32647

Ion Ratio Lower Upper

69 100

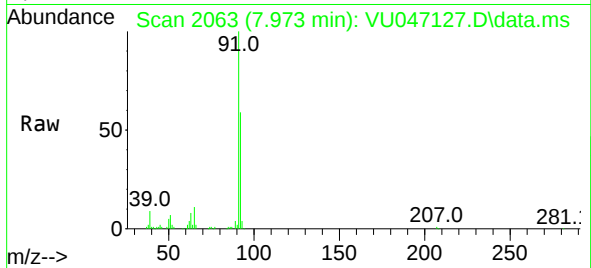
41 63.5 32.6 98.0





#49
Toluene
Concen: 1.897 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

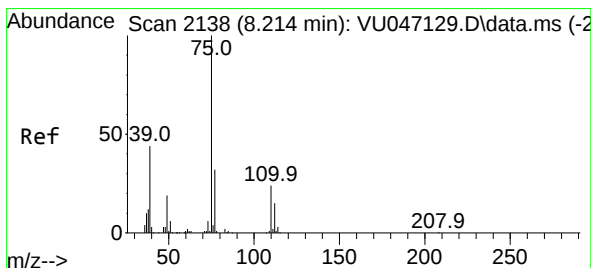
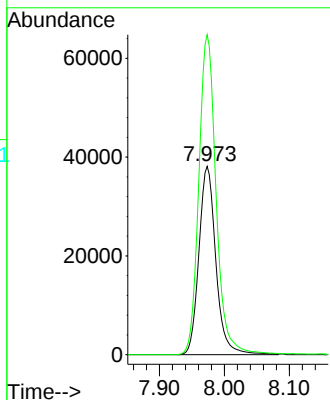
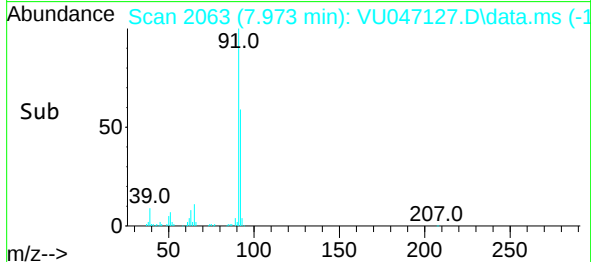
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 92 Resp: 6946
Ion Ratio Lower Upper
92 100
91 173.2 136.8 205.2

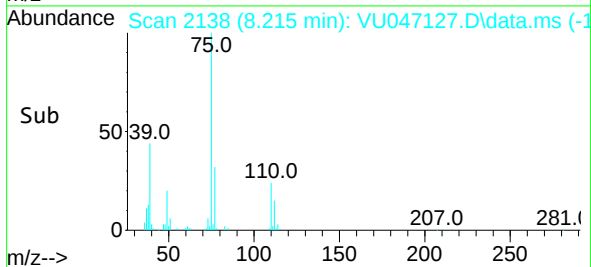
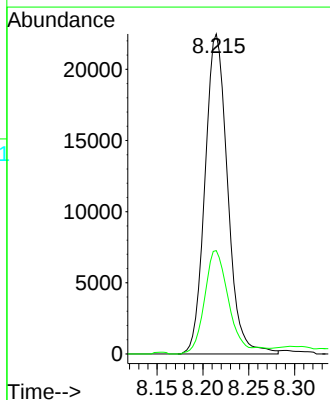
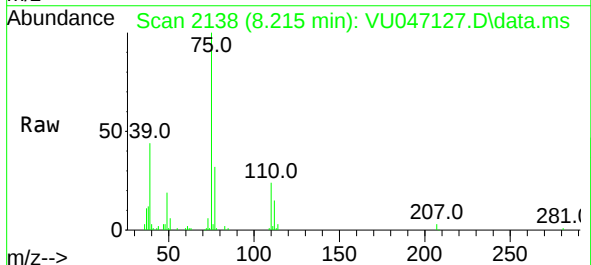
Manual Integrations
APPROVED

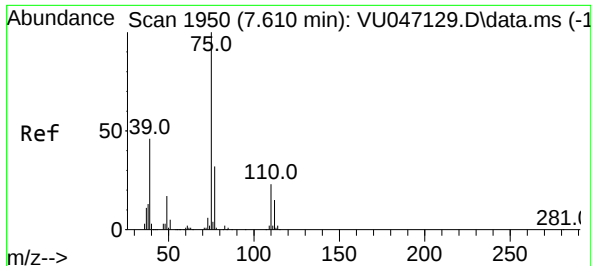
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#50
t-1,3-Dichloropropene
Concen: 2.073 ug/l
RT: 8.215 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

Tgt Ion: 75 Resp: 38567
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4





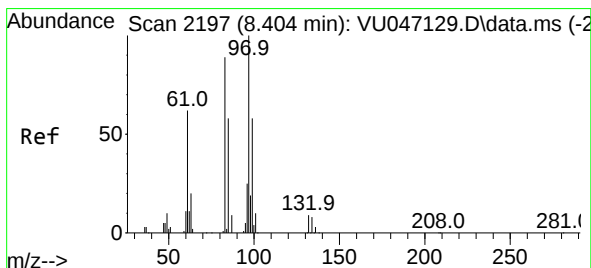
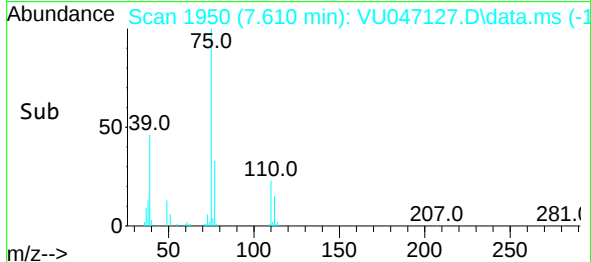
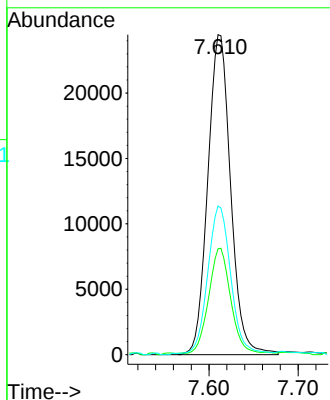
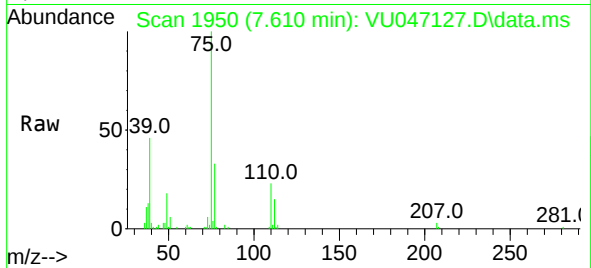
#51
 cis-1,3-Dichloropropene
 Concen: 2.044 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU047127.D
 Acq: 14 Feb 2022 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion: 75 Resp: 4358
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.2 37.8
 39 46.0 38.6 57.8

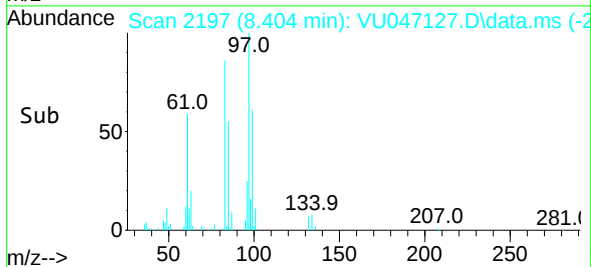
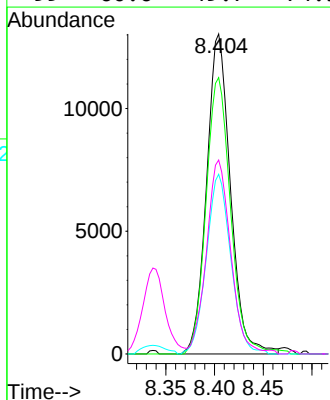
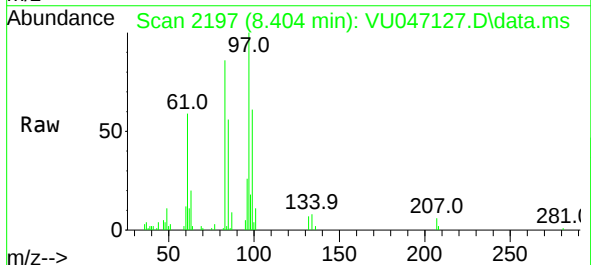
Manual Integrations
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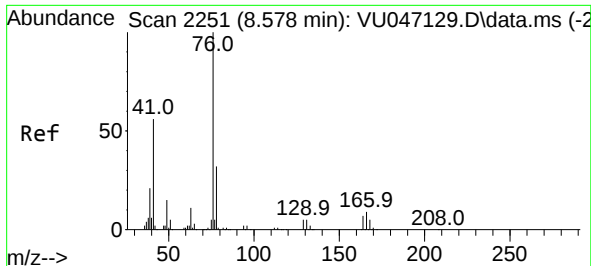
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022



#52
 1,1,2-Trichloroethane
 Concen: 1.740 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: VU047127.D
 Acq: 14 Feb 2022 11:04

Tgt Ion: 97 Resp: 22235
 Ion Ratio Lower Upper
 97 100
 83 86.3 69.8 104.8
 85 56.1 44.2 66.4
 99 60.6 49.7 74.5





#53

1,3-Dichloropropane

Concen: 1.787 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. 0.000 min

Lab File: VU047127.D

Acq: 14 Feb 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 76 Resp: 39220

Ion Ratio Lower Upper

76 100

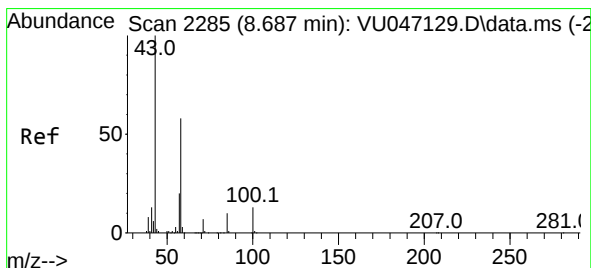
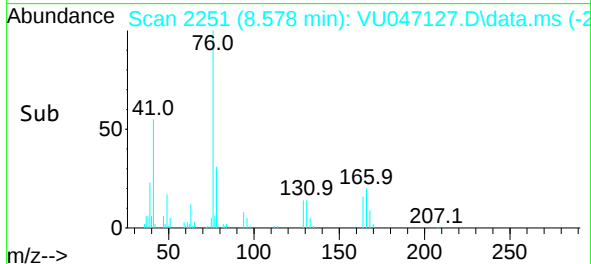
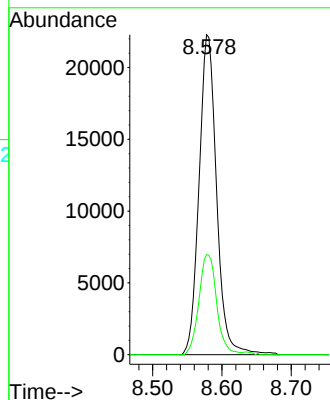
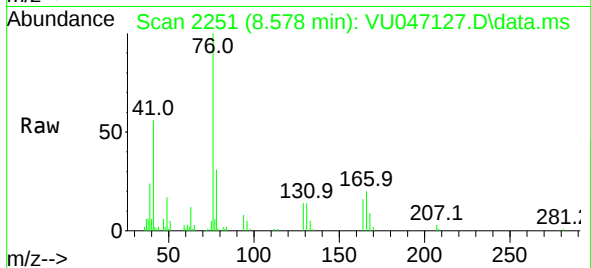
78 31.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#54

2-Hexanone

Concen: 9.595 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU047127.D

Acq: 14 Feb 2022 11:04

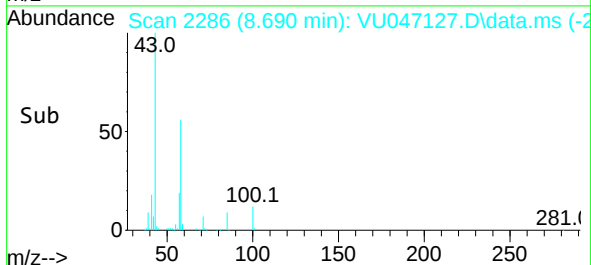
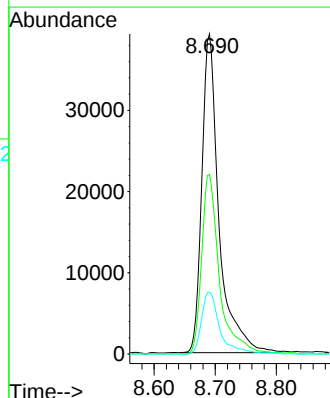
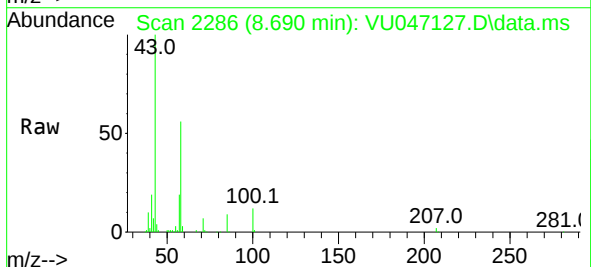
Tgt Ion: 43 Resp: 76325

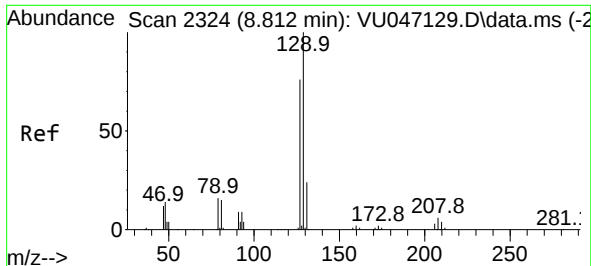
Ion Ratio Lower Upper

43 100

58 58.3 37.7 77.7

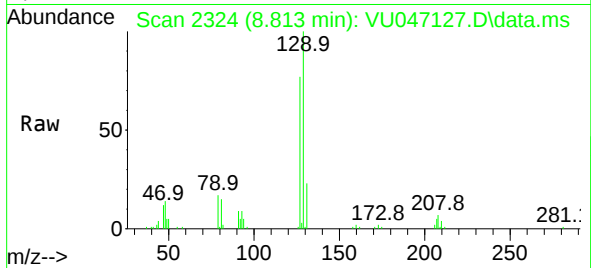
57 20.7 0.5 40.5





#55
Dibromochloromethane
Concen: 1.809 ug/l
RT: 8.813 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

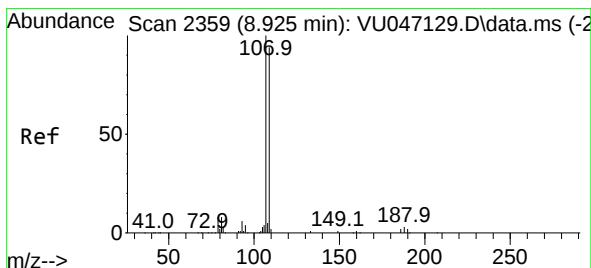
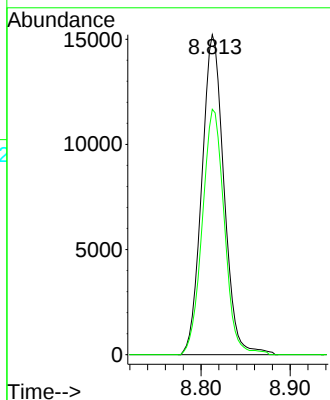
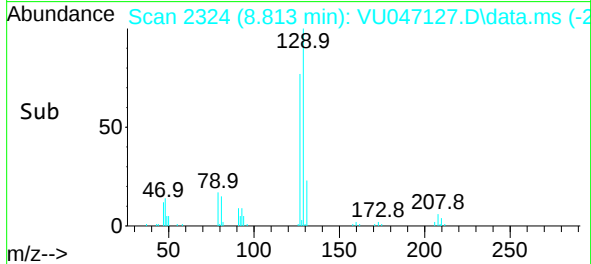
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



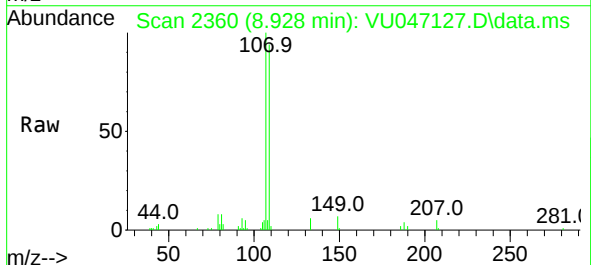
Tgt Ion:129 Resp: 26260
Ion Ratio Lower Upper
129 100
127 76.3 62.2 93.4

Manual Integrations
APPROVED

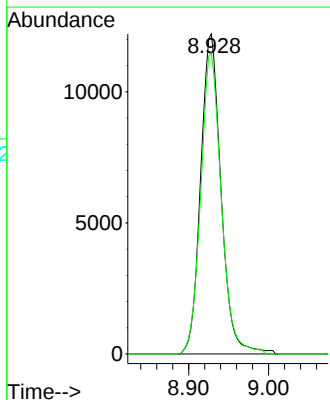
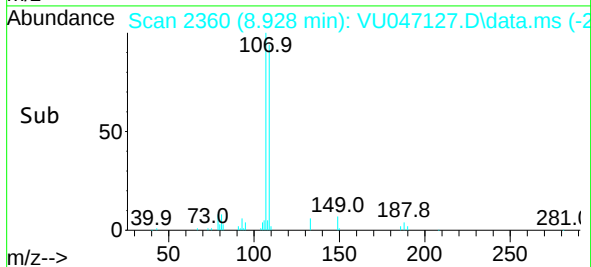
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

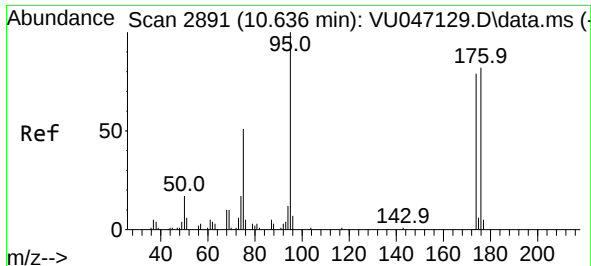


#56
1,2-Dibromoethane
Concen: 1.819 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04



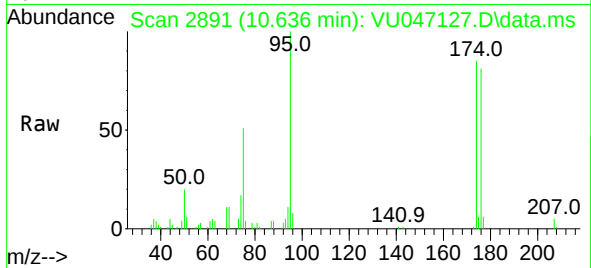
Tgt Ion:107 Resp: 21663
Ion Ratio Lower Upper
107 100
109 95.1 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 1.104 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

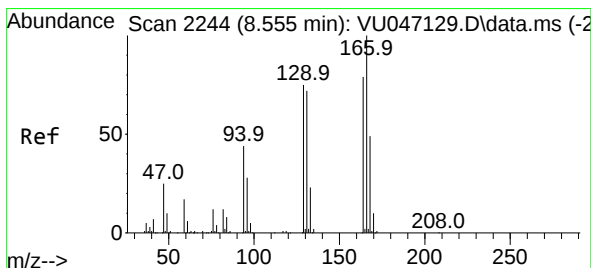
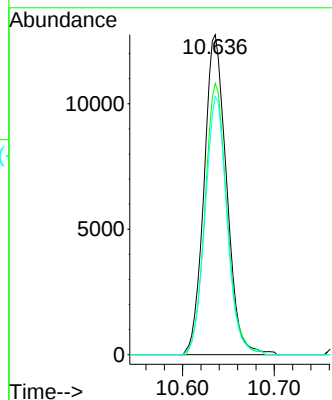
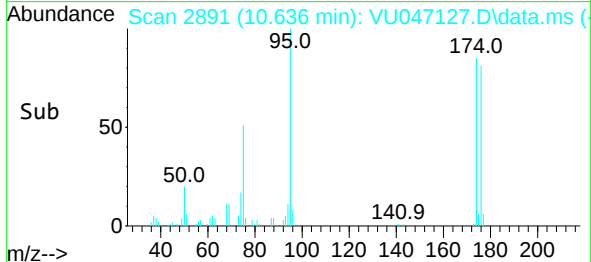
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 95 Resp: 21749
Ion Ratio Lower Upper
95 100
174 82.9 56.6 84.8
176 78.9 54.3 81.5

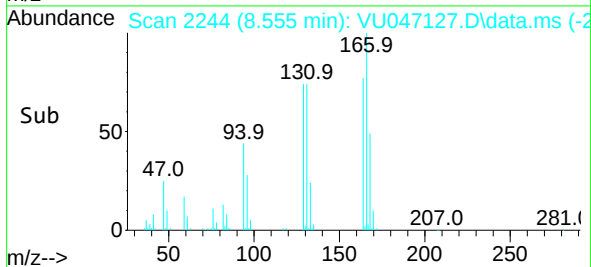
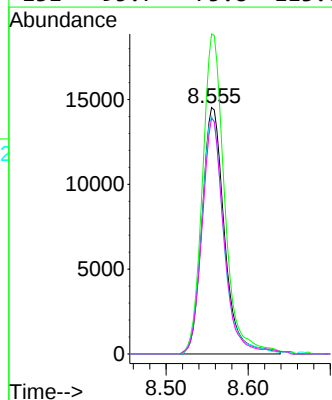
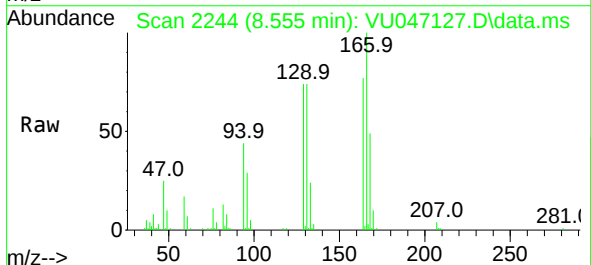
Manual Integrations
APPROVED

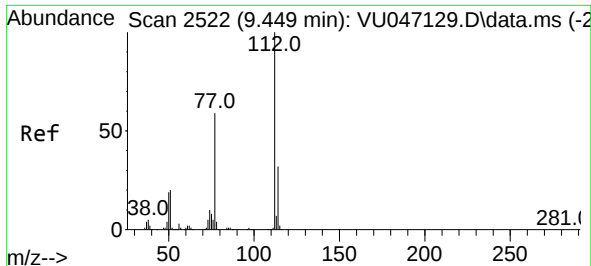
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#58
Tetrachloroethene
Concen: 1.900 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

Tgt Ion:164 Resp: 27403
Ion Ratio Lower Upper
164 100
166 129.9 102.0 153.0
129 96.6 77.1 115.7
131 95.7 75.8 113.6





#59

Chlorobenzene

Concen: 1.963 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047127.D

Acq: 14 Feb 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion:112 Resp: 77100

Ion Ratio Lower Upper

112 100

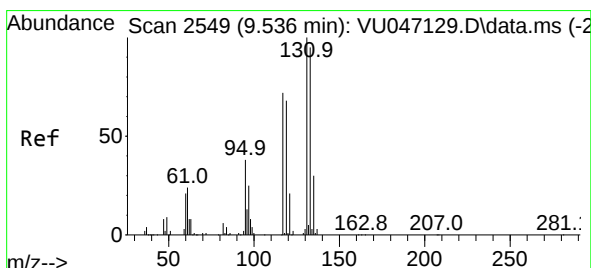
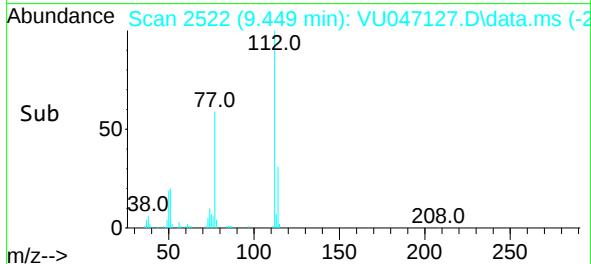
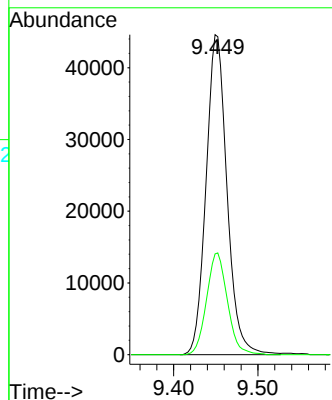
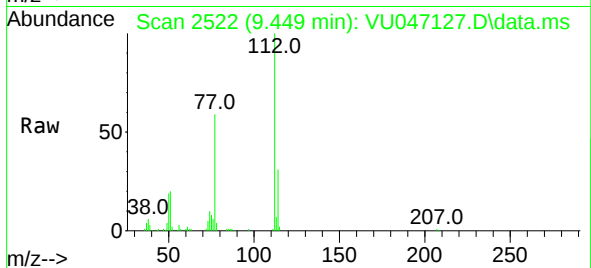
114 31.5 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 1.754 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU047127.D

Acq: 14 Feb 2022 11:04

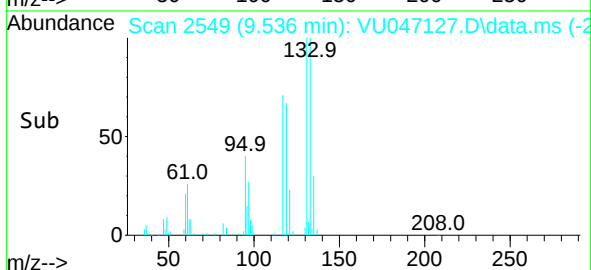
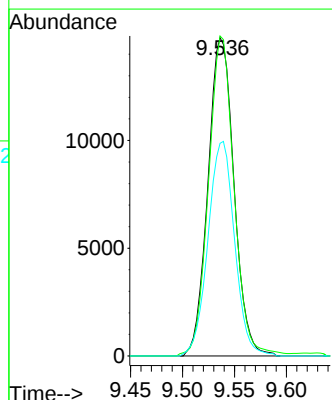
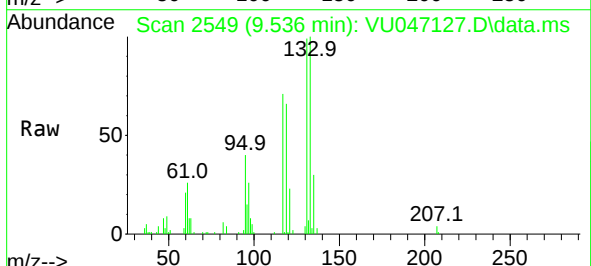
Tgt Ion:131 Resp: 25736

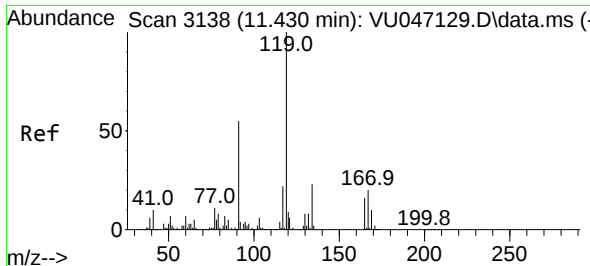
Ion Ratio Lower Upper

131 100

133 98.5 76.0 114.0

119 68.9 54.9 82.3





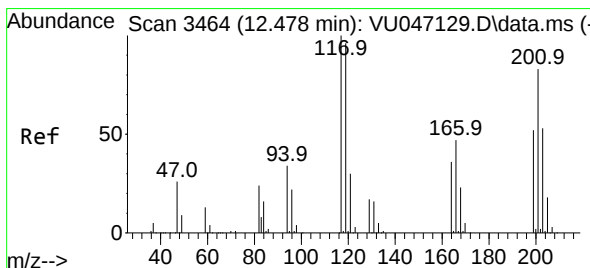
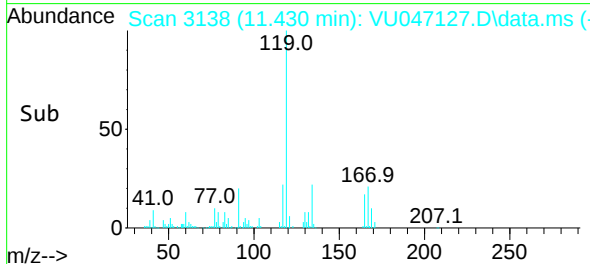
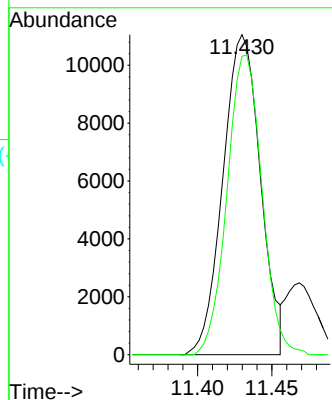
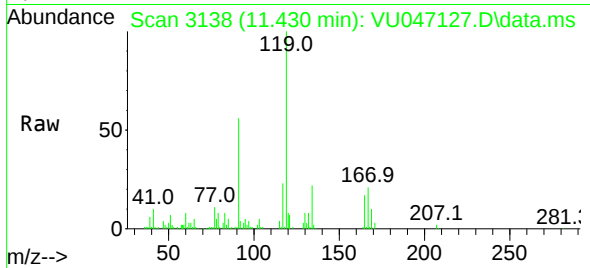
#61
Pentachloroethane
Concen: 1.602 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:117 Resp: 19418
Ion Ratio Lower Upper
117 100
167 87.1 59.7 89.5

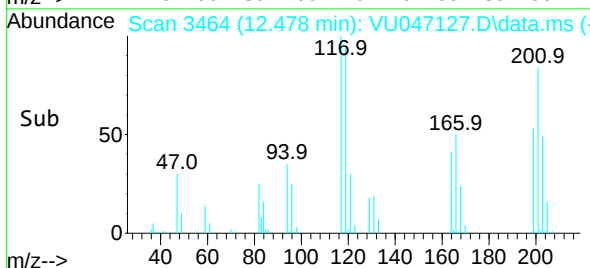
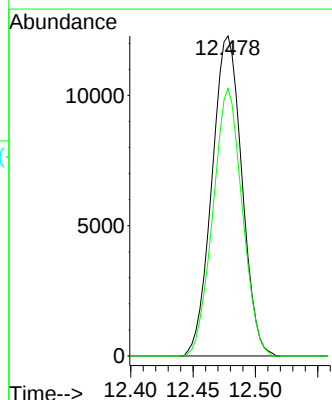
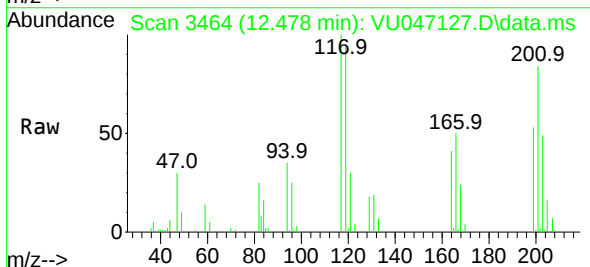
Manual Integrations
APPROVED

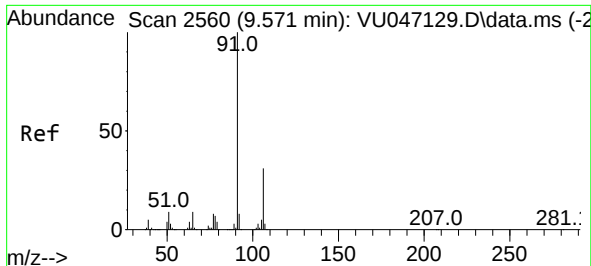
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#62
Hexachloroethane
Concen: 1.748 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

Tgt Ion:117 Resp: 20514
Ion Ratio Lower Upper
117 100
201 81.8 53.6 80.4#





#63

Ethyl Benzene

Concen: 2.087 ug/l

RT: 9.575 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU047127.D

Acq: 14 Feb 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 91 Resp: 13566

Ion Ratio Lower Upper

91 100

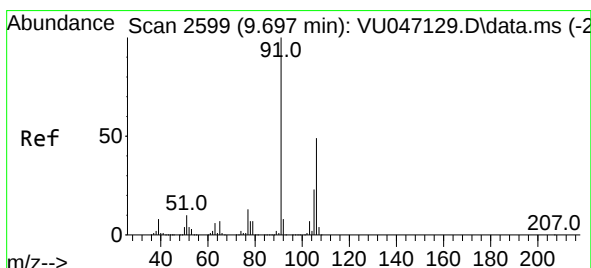
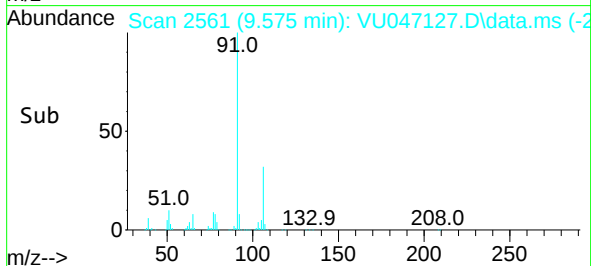
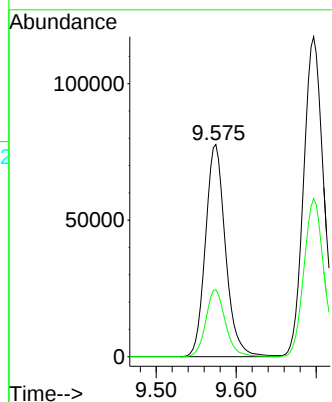
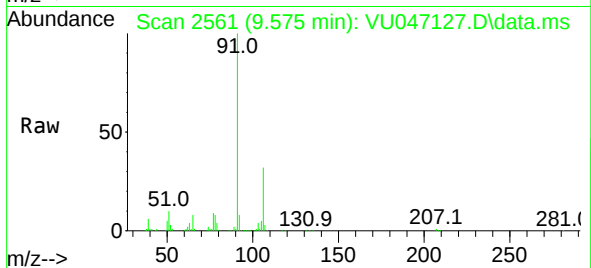
106 31.6 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#64

m/p-Xylenes

Concen: 4.066 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU047127.D

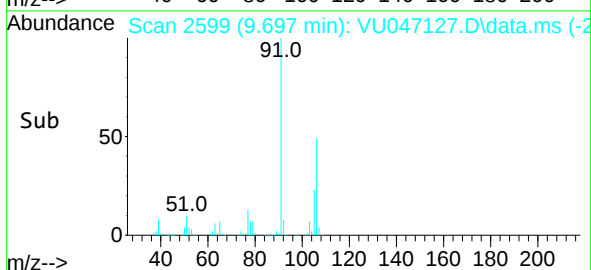
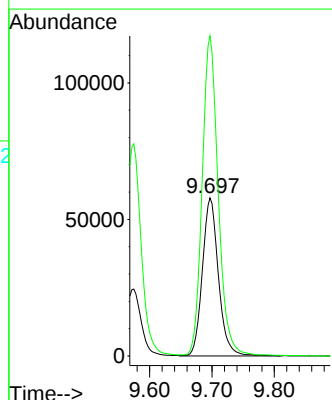
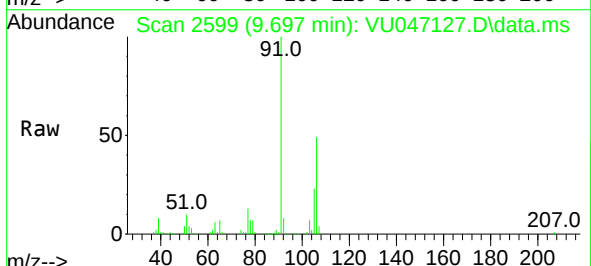
Acq: 14 Feb 2022 11:04

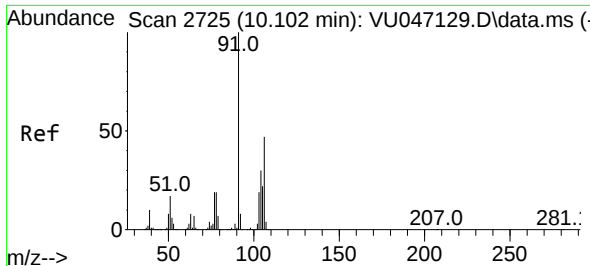
Tgt Ion:106 Resp: 103461

Ion Ratio Lower Upper

106 100

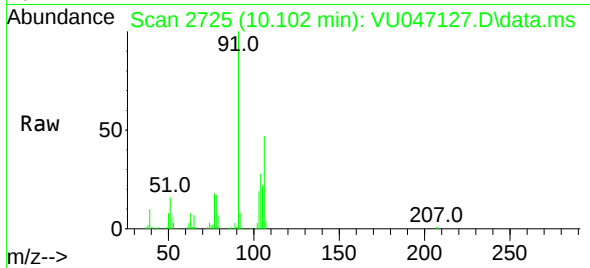
91 200.4 165.5 248.3





#65
o-Xylene
Concen: 2.053 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

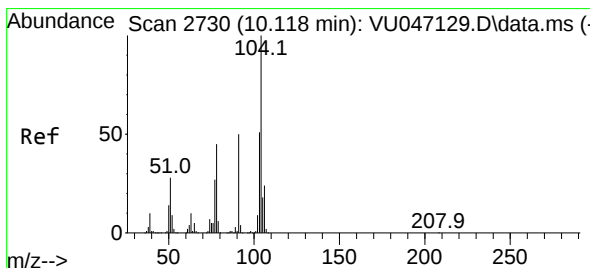
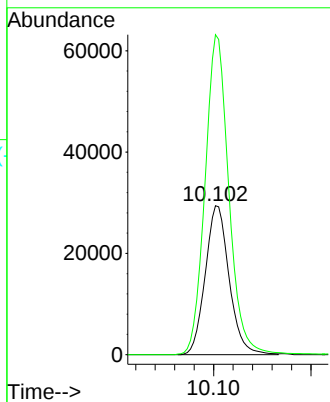
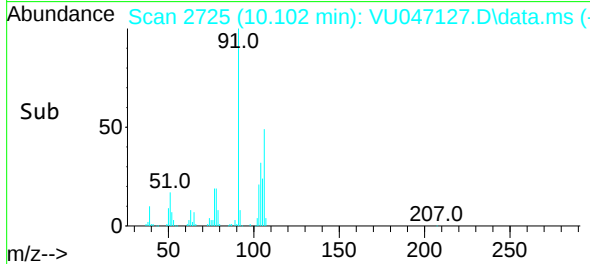
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion:106 Resp: 50118
Ion Ratio Lower Upper
106 100
91 214.5 109.4 328.2

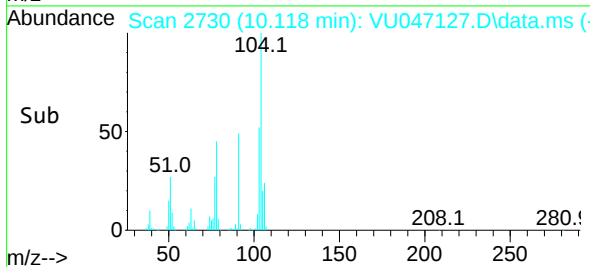
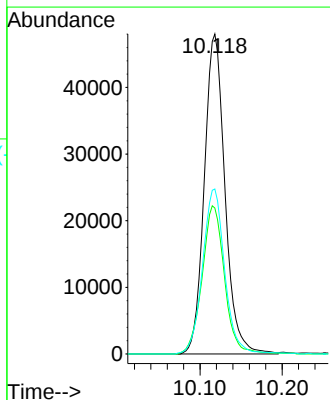
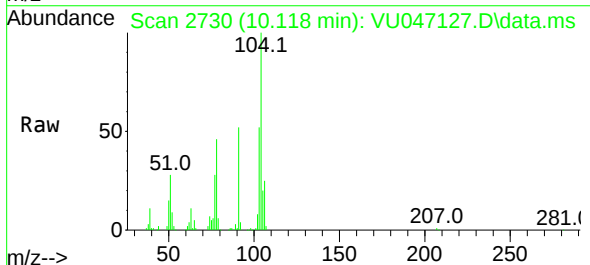
Manual Integrations
APPROVED

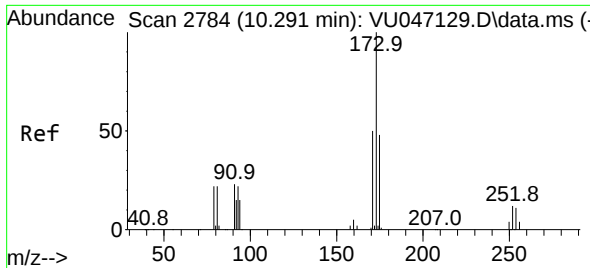
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#66
Styrene
Concen: 2.044 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

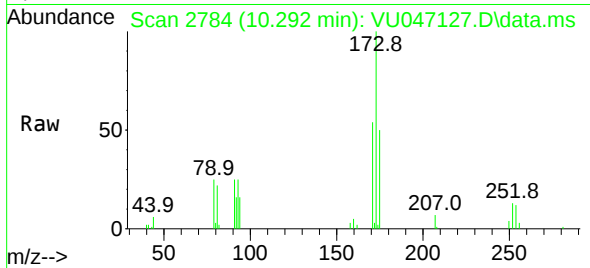
Tgt Ion:104 Resp: 84232
Ion Ratio Lower Upper
104 100
78 50.0 42.4 63.6
103 55.3 44.2 66.4





#67
Bromoform
Concen: 1.788 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

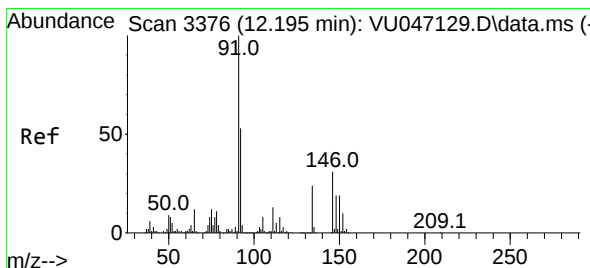
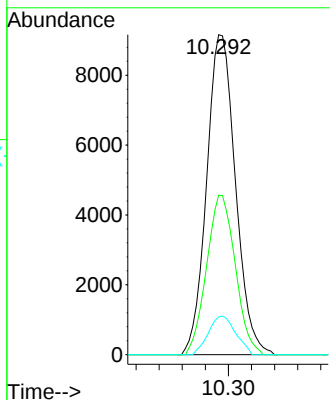
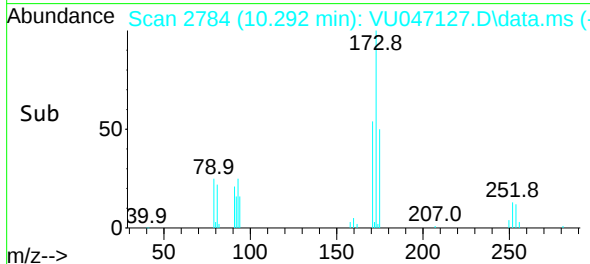
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



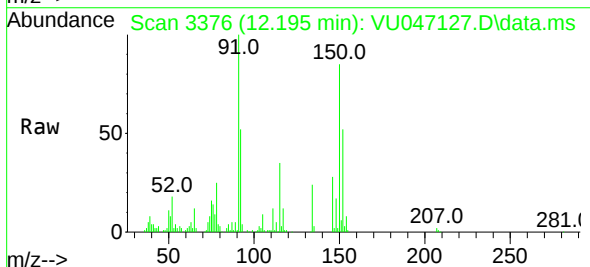
Tgt Ion:173 Resp: 1586
Ion Ratio Lower Upper
173 100
175 49.4 39.0 58.4
254 11.4 5.5 8.3

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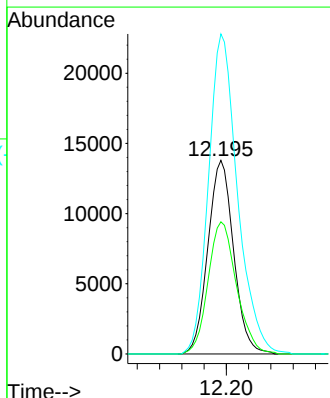
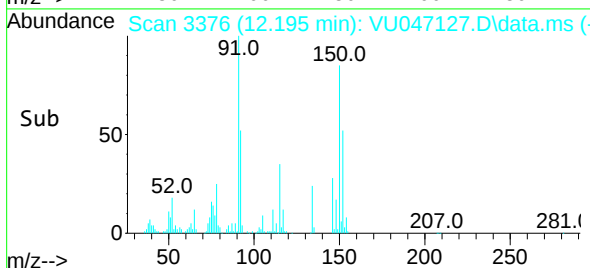
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

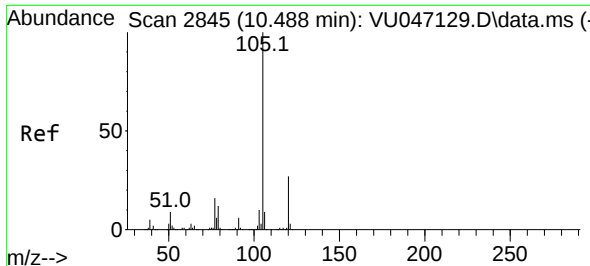


#68
1,2-Dichlorobenzene-d4
Concen: 0.981 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04



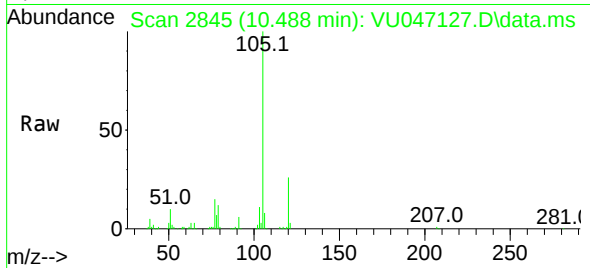
Tgt Ion:152 Resp: 22119
Ion Ratio Lower Upper
152 100
115 75.4 0.0 251.0
150 186.5 0.0 613.8





#69
Isopropylbenzene
Concen: 2.110 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

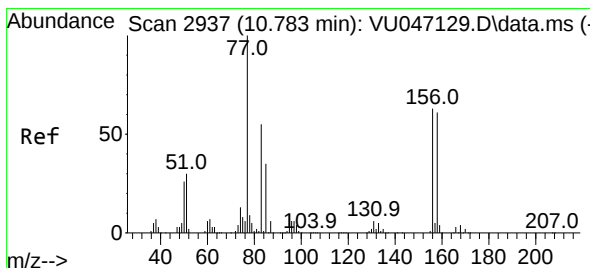
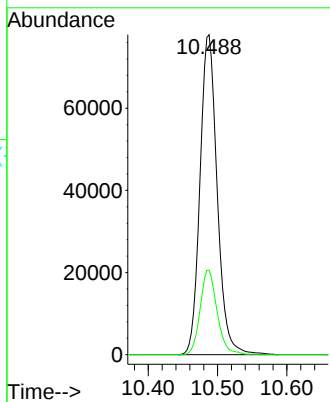
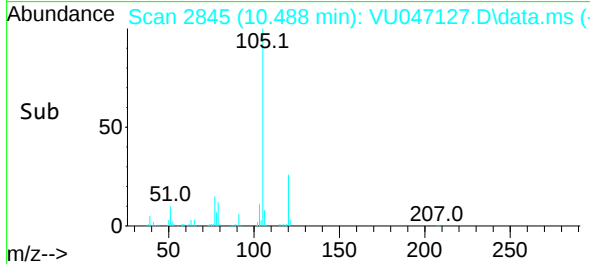
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion:105 Resp: 134054
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.4

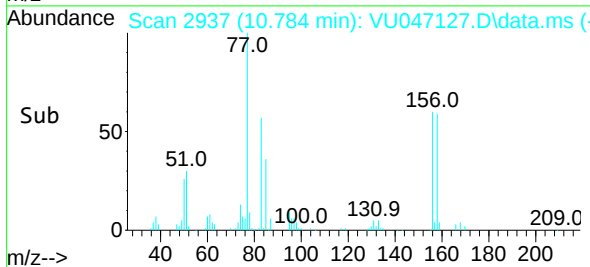
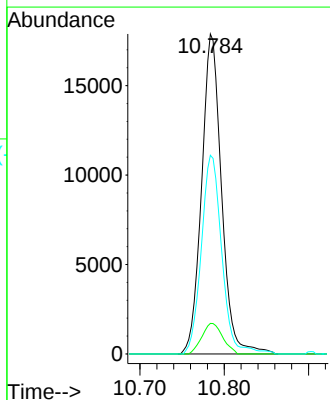
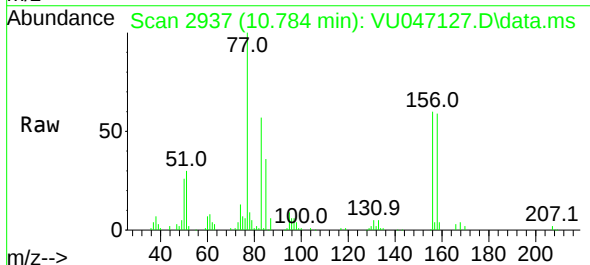
Manual Integrations
APPROVED

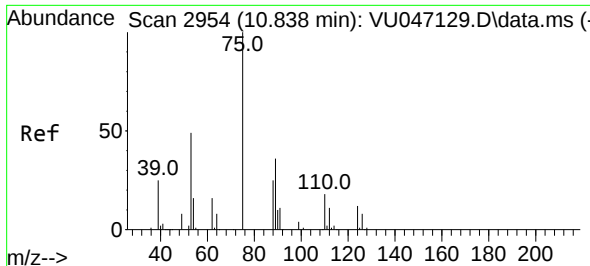
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 1.736 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

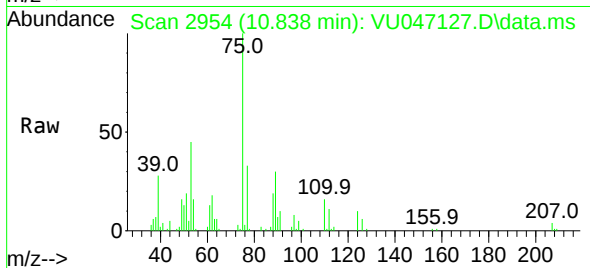
Tgt Ion: 83 Resp: 29470
Ion Ratio Lower Upper
83 100
131 10.0 7.6 11.4
85 63.7 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 1.884 ug/l m
RT: 10.838 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

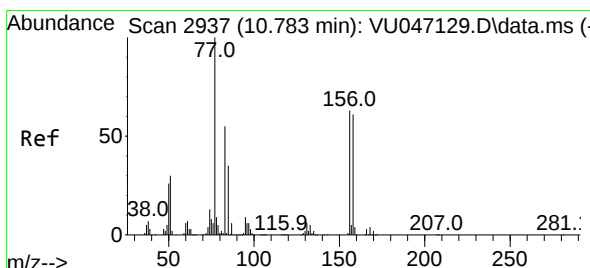
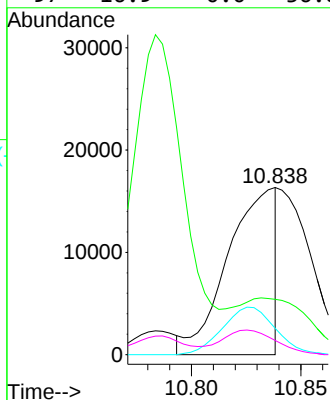
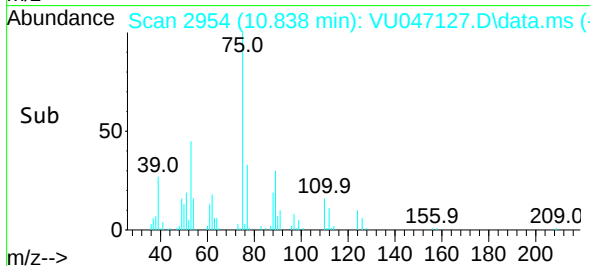
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



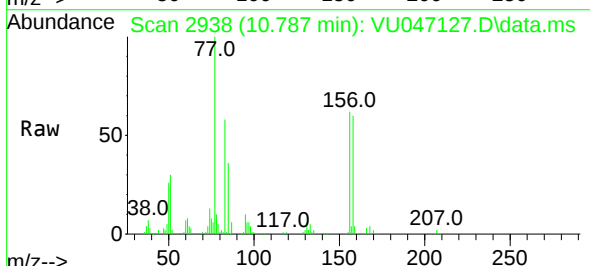
Tgt Ion: 75 Resp: 2513
Ion Ratio Lower Upper
75 100
77 0.0 0.0 105.6
110 31.2 0.0 71.2
97 16.9 0.0 36.8

Manual Integrations
APPROVED

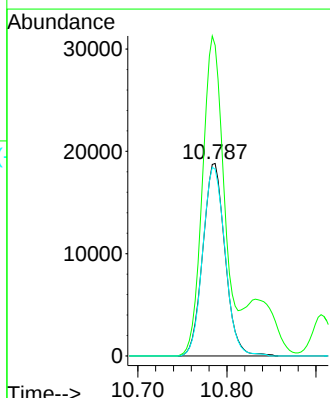
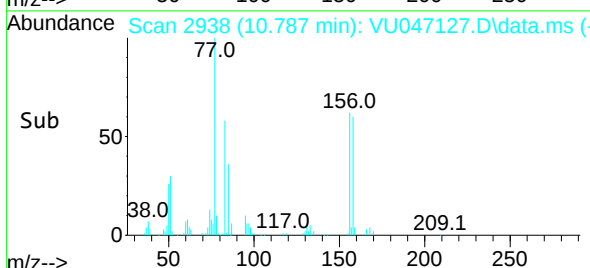
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

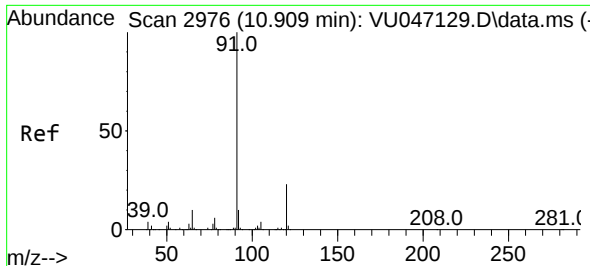


#72
Bromobenzene
Concen: 1.872 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04



Tgt Ion:156 Resp: 32551
Ion Ratio Lower Upper
156 100
77 160.1 0.0 370.6
158 98.8 0.0 193.4





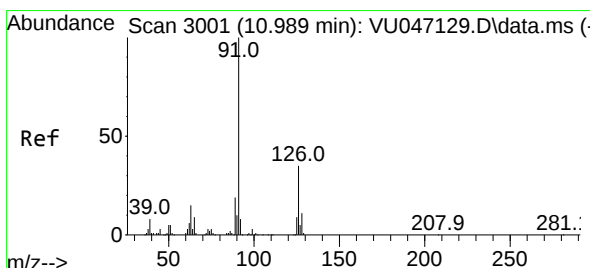
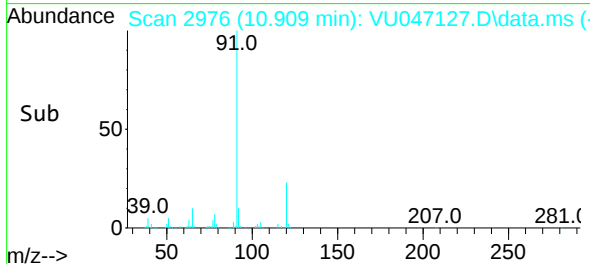
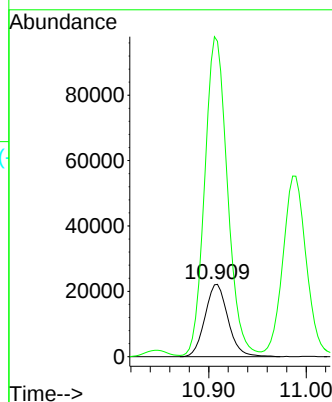
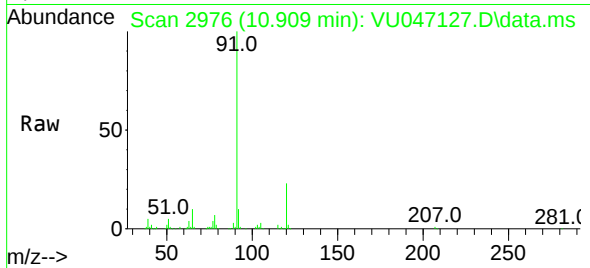
#73
n-propylbenzene
Concen: 2.053 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:120 Resp: 3628
Ion Ratio Lower Upper
120 100
91 439.8 370.7 556.1

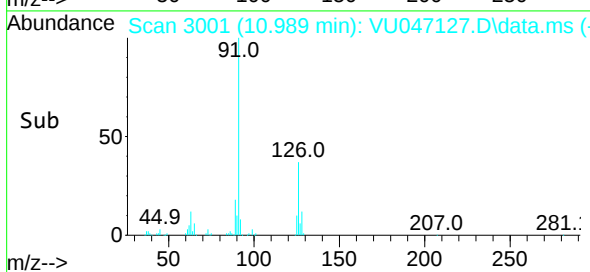
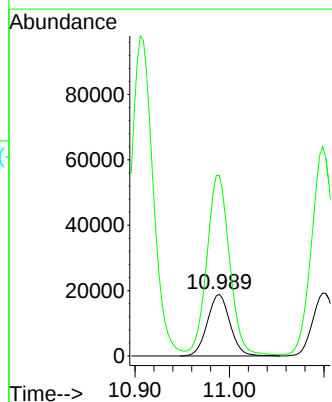
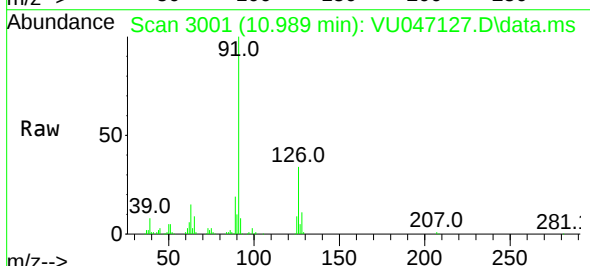
Manual Integrations
APPROVED

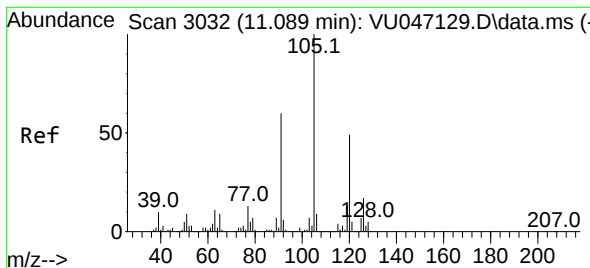
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#74
2-Chlorotoluene
Concen: 1.945 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

Tgt Ion:126 Resp: 31303
Ion Ratio Lower Upper
126 100
91 297.6 0.0 639.6





#75

1,3,5-Trimethylbenzene

Concen: 1.953 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU047127.D

Acq: 14 Feb 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 107892

Ion Ratio Lower Upper

105 100

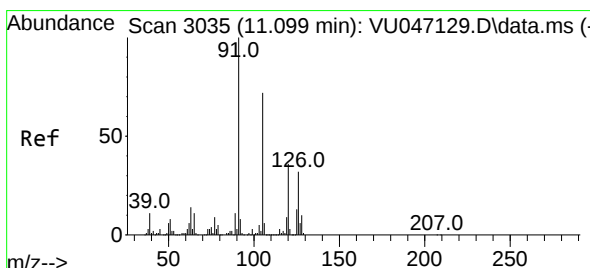
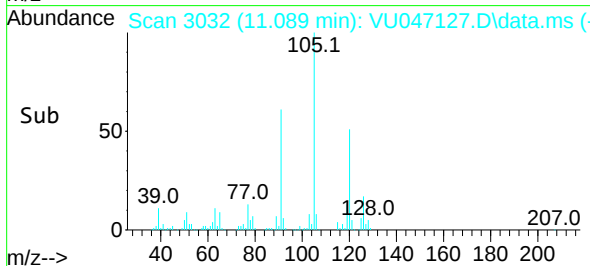
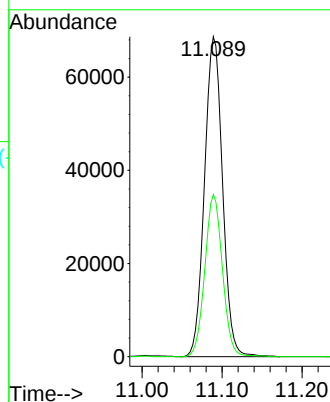
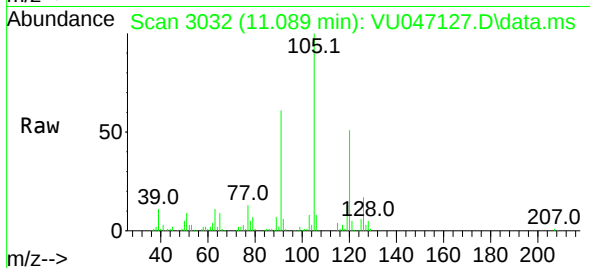
120 49.5 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#76

4-Chlorotoluene

Concen: 1.957 ug/l

RT: 11.099 min Scan# 3035

Delta R.T. 0.000 min

Lab File: VU047127.D

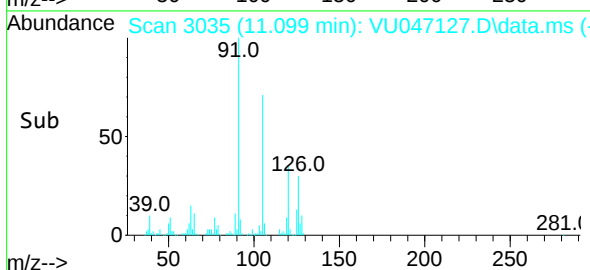
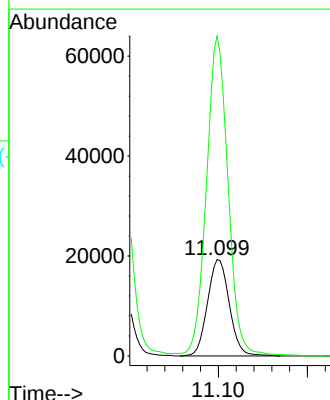
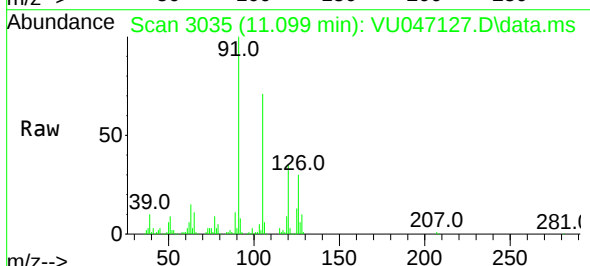
Acq: 14 Feb 2022 11:04

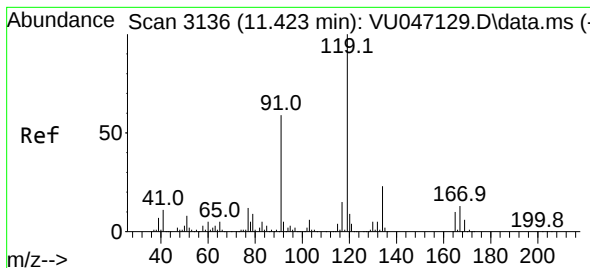
Tgt Ion:126 Resp: 32744

Ion Ratio Lower Upper

126 100

91 329.9 0.0 728.0





#77

tert-Butylbenzene

Concen: 1.963 ug/l

RT: 11.423 min Scan# 3136

Delta R.T. 0.000 min

Lab File: VU047127.D

Acq: 14 Feb 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion:119 Resp: 10684

Ion Ratio Lower Upper

119 100

91 58.5 31.4 94.3

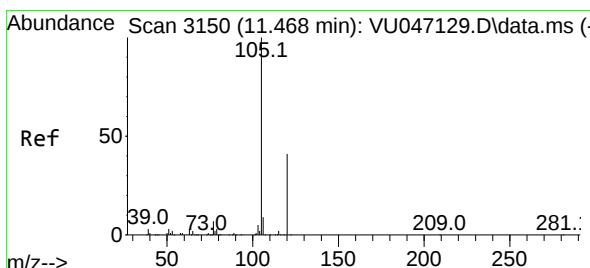
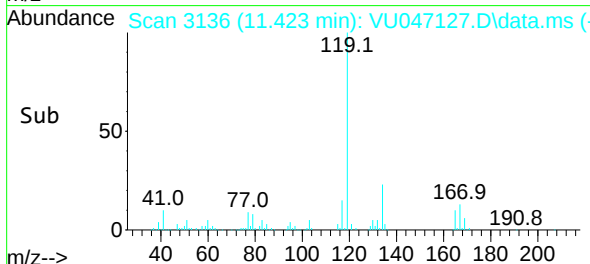
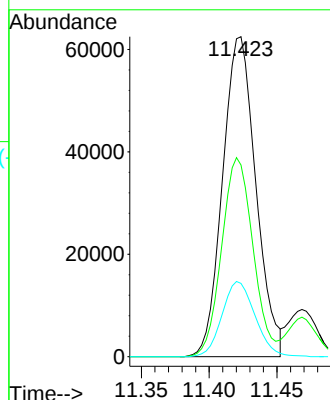
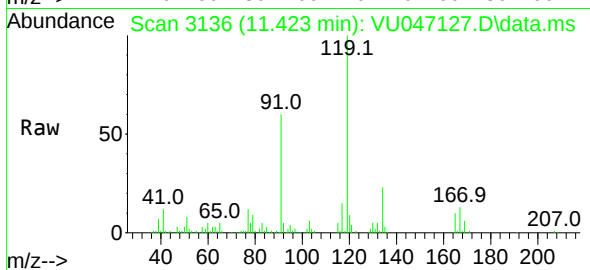
134 23.3 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#78

1,2,4-Trimethylbenzene

Concen: 1.975 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU047127.D

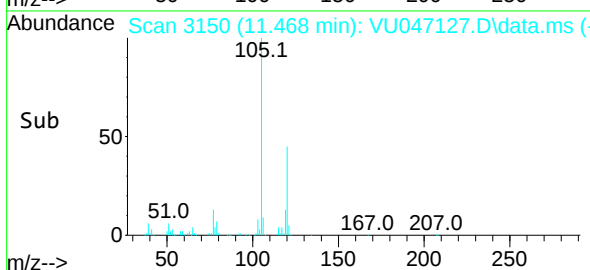
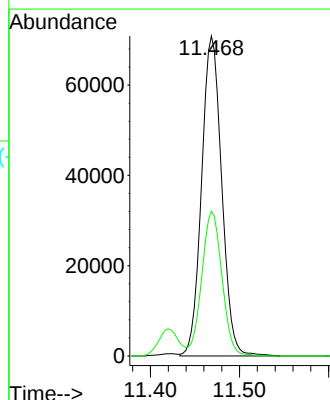
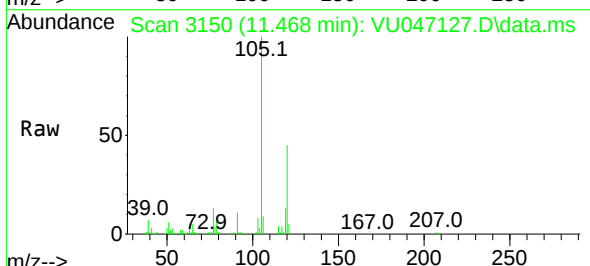
Acq: 14 Feb 2022 11:04

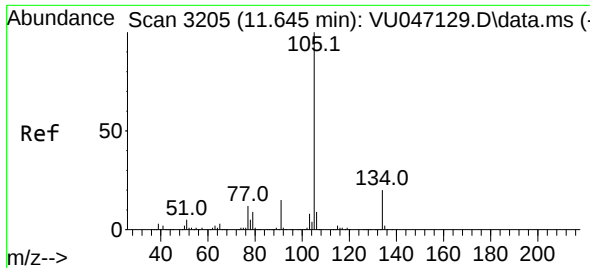
Tgt Ion:105 Resp: 111148

Ion Ratio Lower Upper

105 100

120 45.6 22.3 66.8





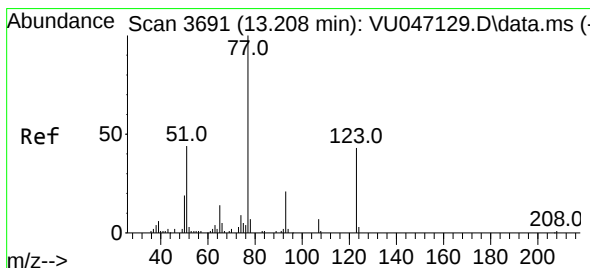
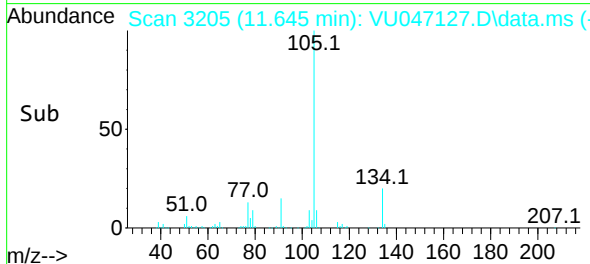
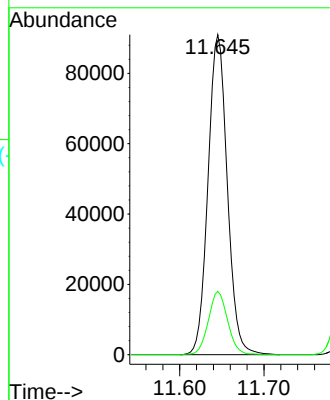
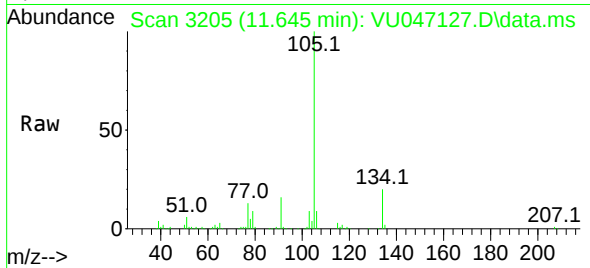
#79
 sec-Butylbenzene
 Concen: 1.977 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU047127.D
 Acq: 14 Feb 2022 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion:105 Resp: 14465
 Ion Ratio Lower Upper
 105 100
 134 19.8 15.4 23.0

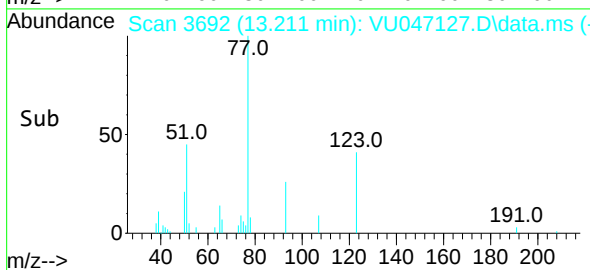
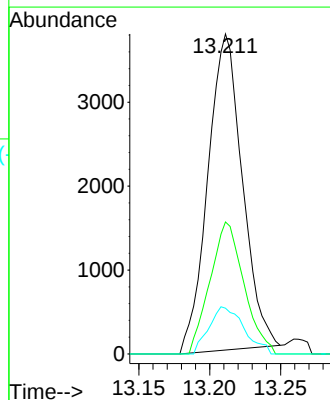
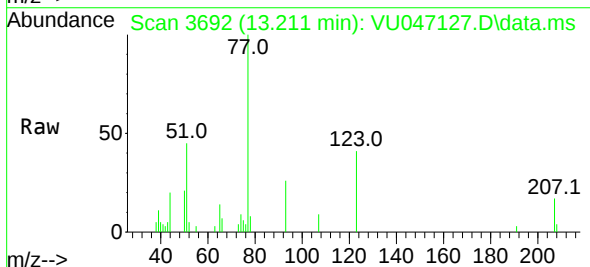
Manual Integrations
 APPROVED

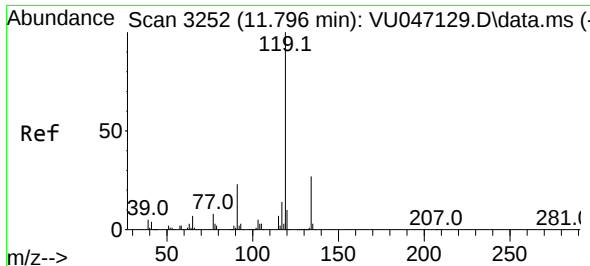
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022



#80
 Nitrobenzene
 Concen: 8.809 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.003 min
 Lab File: VU047127.D
 Acq: 14 Feb 2022 11:04

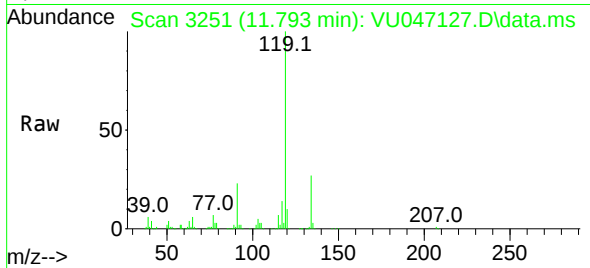
Tgt Ion: 77 Resp: 6380
 Ion Ratio Lower Upper
 77 100
 123 41.0 18.2 64.4
 65 15.2 12.0 15.2





#81
p-Isopropyltoluene
Concen: 2.014 ug/l
RT: 11.793 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

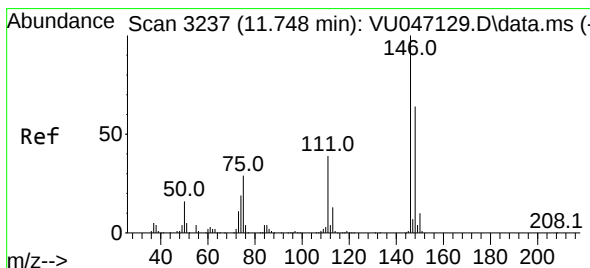
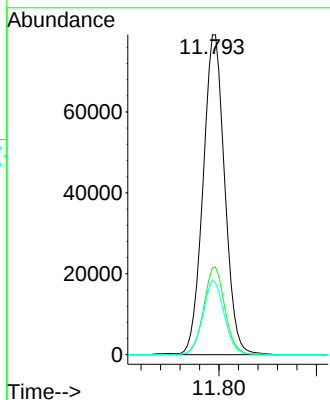
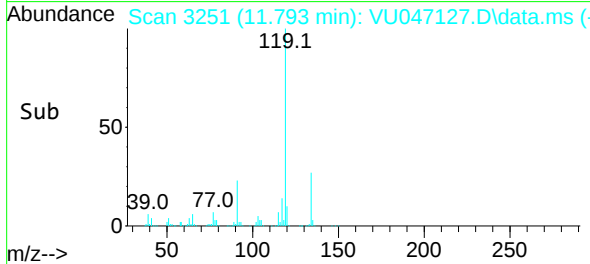
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



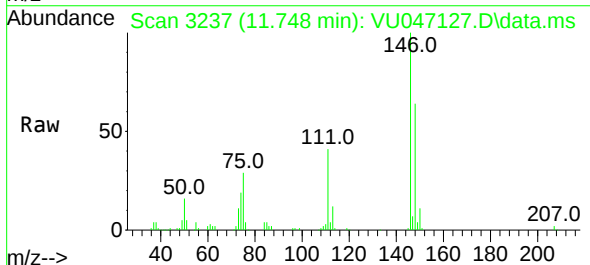
Tgt Ion:119 Resp: 12193
Ion Ratio Lower Upper
119 100
134 26.8 20.2 30.4
91 23.0 19.9 29.9

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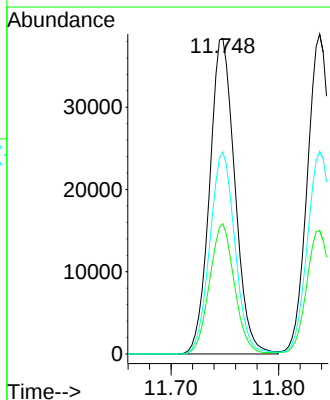
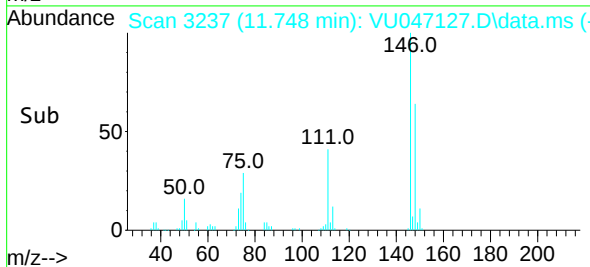
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

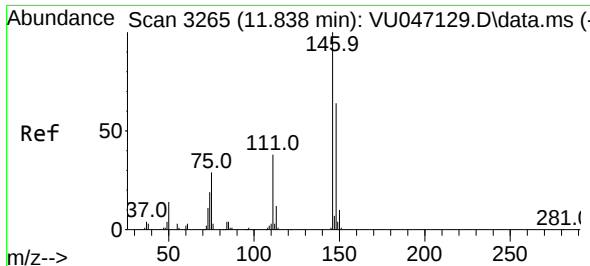


#82
1,3-Dichlorobenzene
Concen: 1.804 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04



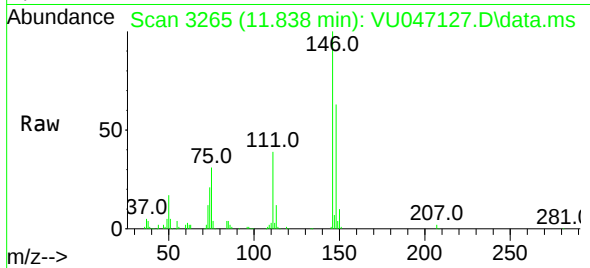
Tgt Ion:146 Resp: 62638
Ion Ratio Lower Upper
146 100
111 40.6 33.9 50.9
148 63.8 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 1.828 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

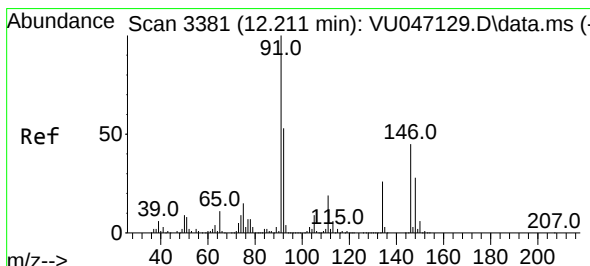
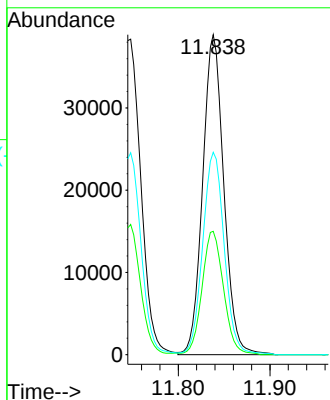
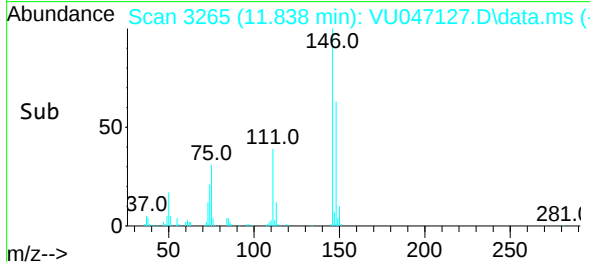
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



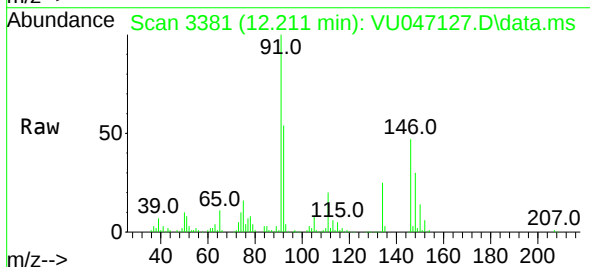
Tgt Ion:146 Resp: 62369
Ion Ratio Lower Upper
146 100
111 39.0 32.7 49.1
148 64.6 51.4 77.0

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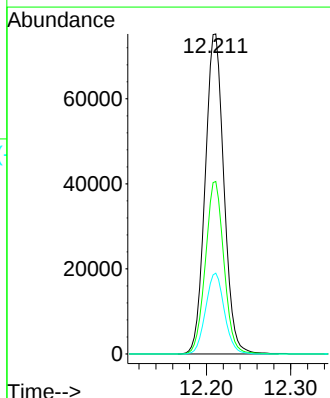
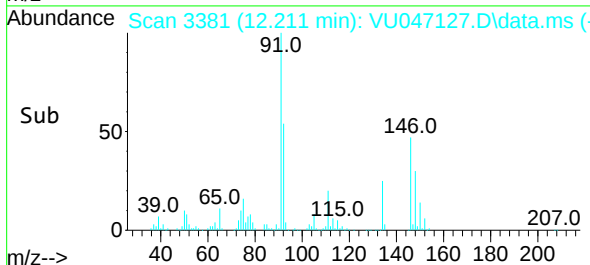
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

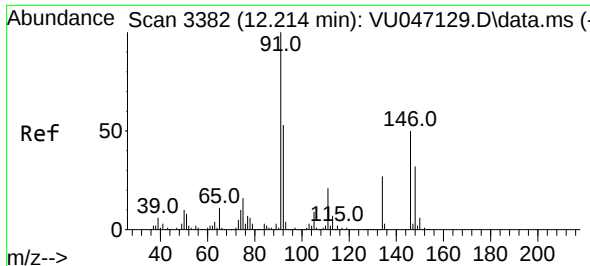


#84
n-Butylbenzene
Concen: 2.012 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04



Tgt Ion: 91 Resp: 116529
Ion Ratio Lower Upper
91 100
92 53.2 43.5 65.3
134 25.3 19.0 28.4





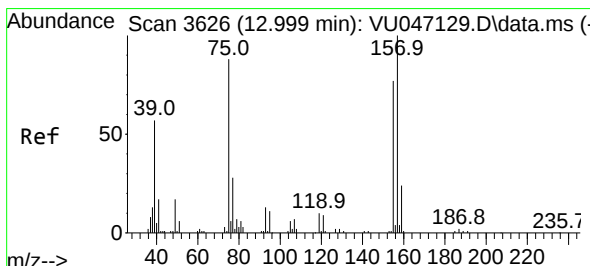
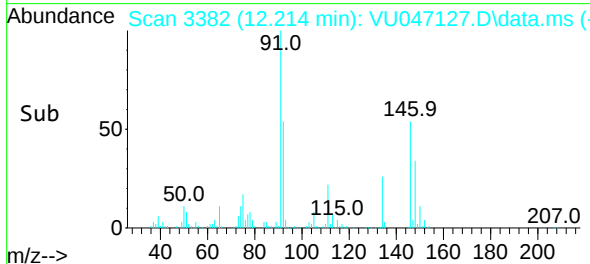
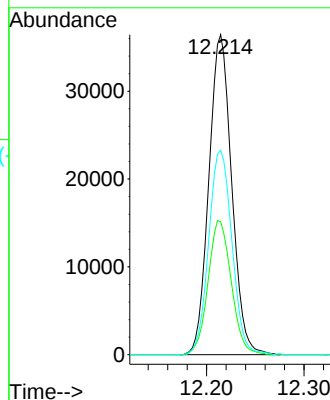
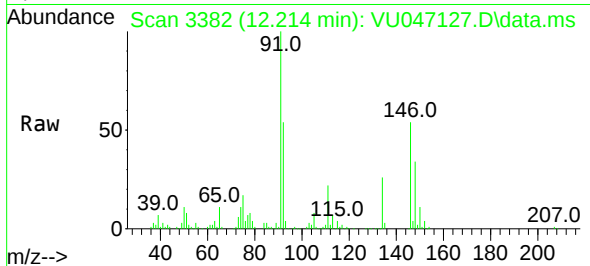
#85
1,2-Dichlorobenzene
Concen: 1.774 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:146 Resp: 59330
Ion Ratio Lower Upper
146 100
111 42.6 22.1 66.1
148 65.3 31.6 94.7

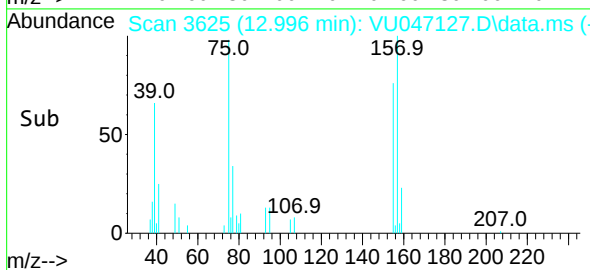
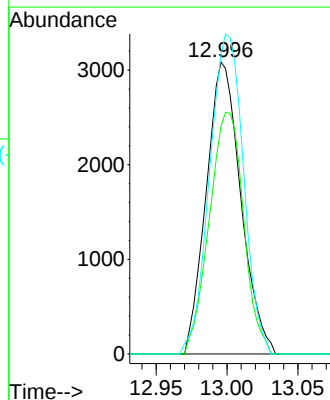
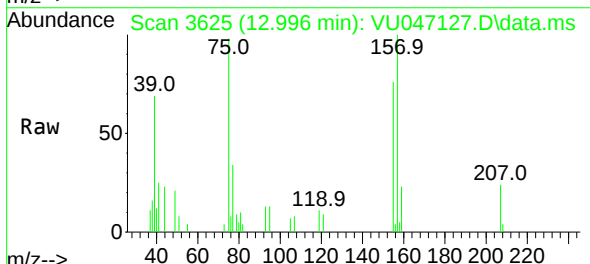
Manual Integrations
APPROVED

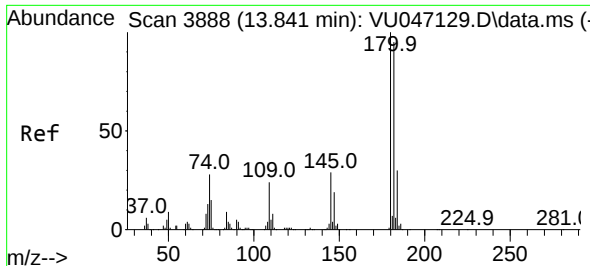
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.897 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

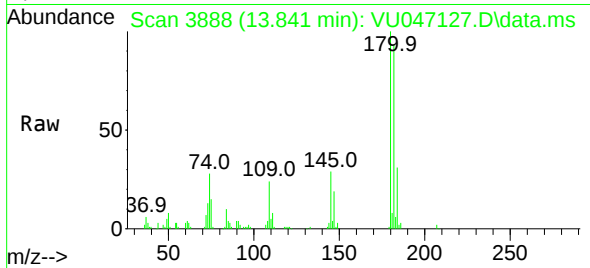
Tgt Ion: 75 Resp: 5229
Ion Ratio Lower Upper
75 100
155 82.2 57.8 86.8
157 107.6 75.1 112.7





#87
1,2,4-Trichlorobenzene
Concen: 2.151 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

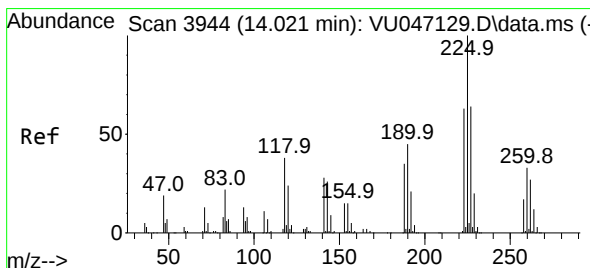
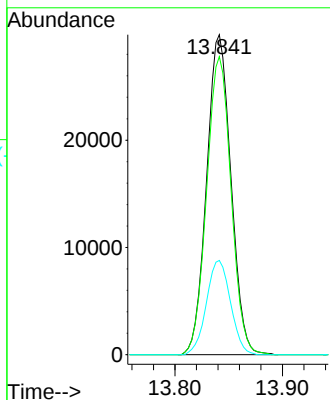
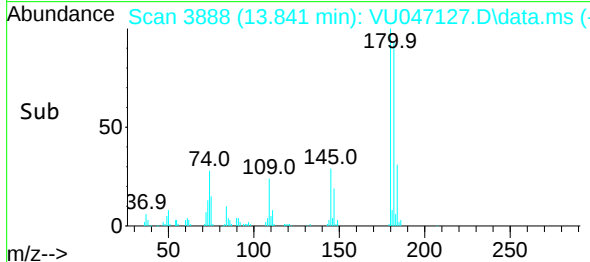
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



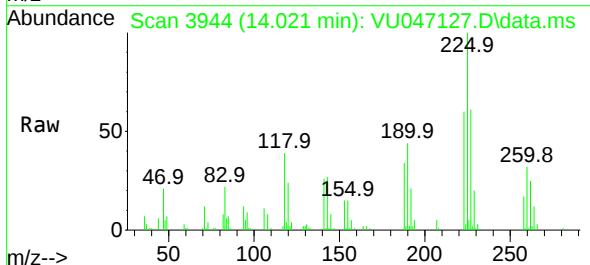
Tgt Ion:180 Resp: 4689
Ion Ratio Lower Upper
180 100
182 93.6 75.8 113.8
145 29.1 25.3 37.9

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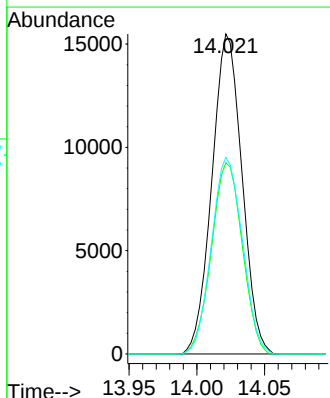
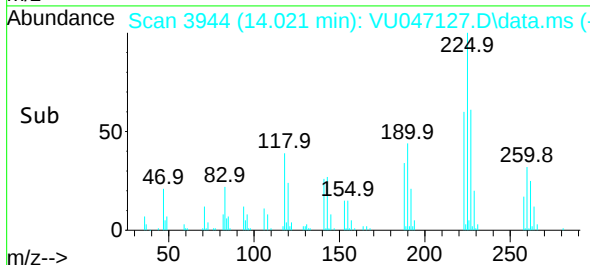
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

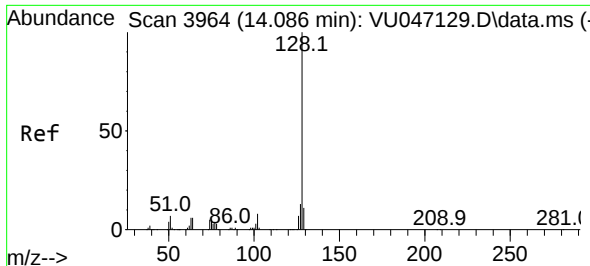


#88
Hexachlorobutadiene
Concen: 1.751 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04



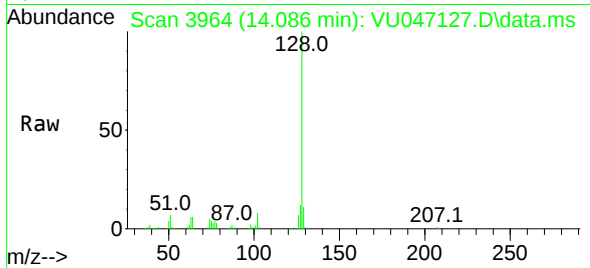
Tgt Ion:225 Resp: 23876
Ion Ratio Lower Upper
225 100
223 61.3 51.1 76.7
227 63.3 49.9 74.9





#89
Naphthalene
Concen: 2.410 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04

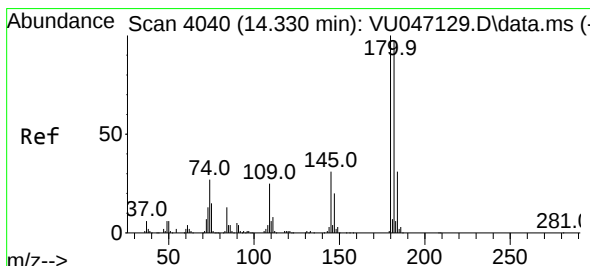
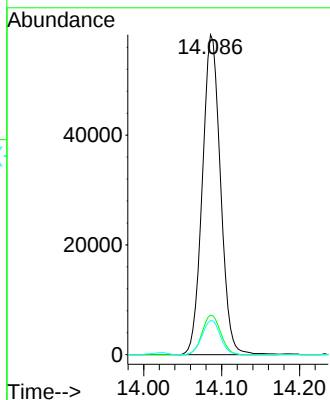
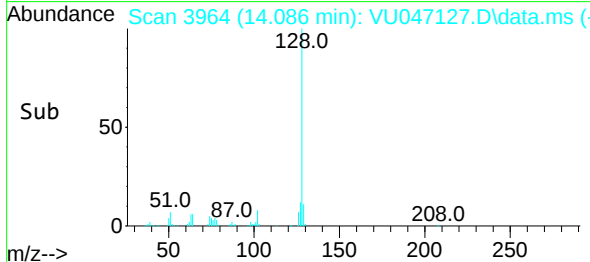
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



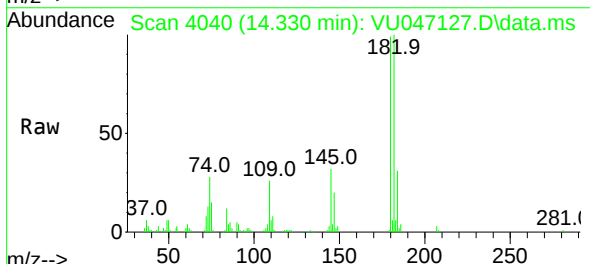
Tgt Ion:128 Resp: 94338
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 10.8 8.6 13.0

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 1.956 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047127.D
Acq: 14 Feb 2022 11:04



Tgt Ion:180 Resp: 42007
Ion Ratio Lower Upper
180 100
182 99.6 75.4 113.0
145 32.3 27.0 40.4

