

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021422\
 Data File : VU047129.D
 Acq On : 14 Feb 2022 12:09
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

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

Quant Time: Feb 14 12:41:56 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	54742	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	21650	1.155	ug/l	0.00
Spiked Amount 1.000			Recovery	=	115.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	22657	1.056	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	194997	11.349	ug/l	100
3) Chloromethane	1.530	50	200150	10.194	ug/l	100
4) Vinyl Chloride	1.610	62	196978	10.475	ug/l	100
5) Bromomethane	1.864	94	119369	10.817	ug/l	100
6) Chloroethane	1.941	64	111851	9.749	ug/l	100
7) Trichlorofluoromethane	2.147	101	232420	9.835	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	133938	9.532	ug/l	95
9) 1,1-Dichloroethene	2.588	96	133536	10.753	ug/l	100
10) Iodomethane	2.732	142	150165	7.900	ug/l	99
11) Allyl Chloride	2.932	41	214174	9.937	ug/l	93
12) Acrylonitrile	3.321	53	68434	16.280	ug/l	# 88
13) Acetone	2.636	43	102733	29.895	ug/l	98
14) Carbon Disulfide	2.803	76	465463	11.796	ug/l	99
15) Methylene Chloride	3.054	84	149680	9.522	ug/l	98
16) trans-1,2-Dichloroethene	3.359	96	145067	10.384	ug/l	99
17) 1,1-Dichloroethane	3.877	63	265773	9.794	ug/l	99
18) 2-Butanone	4.713	43	192842	38.075	ug/l	97
19) Cyclohexane	5.395	56	247209m	11.071	ug/l	
20) Methylcyclohexane	6.768	83	274129	12.791	ug/l	97
21) 2,2-Dichloropropane	4.671	77	240427	11.585	ug/l	97
22) cis-1,2-Dichloroethene	4.674	96	164646	10.476	ug/l	96
23) Diethyl Ether	2.382	59	110556	9.988	ug/l	99
24) tert-Butyl Alcohol	3.205	59	71238	71.783	ug/l	# 90
25) Methyl tert-Butyl Ether	3.372	73	378343	10.363	ug/l	99
26) Bromochloromethane	4.983	128	75528	10.030	ug/l	92
27) Chloroform	5.096	83	261168	8.973	ug/l	97
28) 1,1,1-Trichloroethane	5.324	97	233602	10.302	ug/l	97
29) 1,1-Dichloropropene	5.530	75	214658	10.994	ug/l	98
30) Carbon Tetrachloride	5.530	117	207901	10.669	ug/l	100
31) Isopropyl Ether	4.002	45	428695	10.385	ug/l	97
32) Ethyl-t-butyl ether	4.507	59	437311	11.789	ug/l	98
33) Tert-Amyl methyl ether	5.944	73	398139	12.037	ug/l	99
34) Propionitrile	4.787	54	51043	33.887	ug/l	# 91
35) Benzene	5.777	78	604949	10.289	ug/l	99
36) 1,2-Dichloroethane	5.800	62	183249	10.229	ug/l	100
37) Trichloroethene	6.546	130	166194	11.214	ug/l	93
38) 1,2-Dichloropropane	6.796	63	159333	10.230	ug/l	99
39) Methacrylonitrile	4.980	41	52379	9.388	ug/l	98
40) Methyl acrylate	4.851	55	87931	10.331	ug/l	96
41) Tetrahydrofuran	5.063	42	47658	15.147	ug/l	95
42) 1-Chlorobutane	5.462	56	289386	10.359	ug/l	97
43) Dibromomethane	6.922	93	86567	10.152	ug/l	93
44) Bromodichloromethane	7.108	83	206273	10.205	ug/l	98

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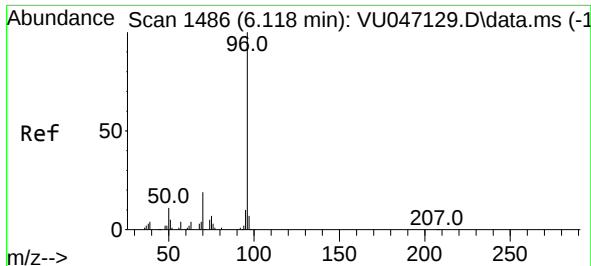
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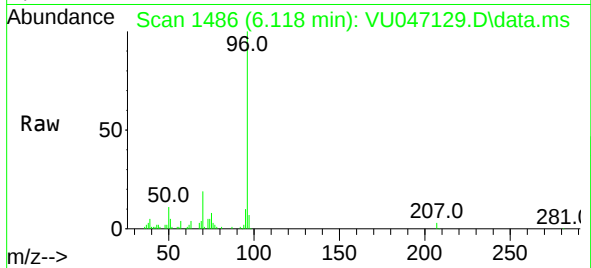
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	593115	56.497	ug/l	99
46) t-1,4-Dichloro-2-butene	10.841	75	84070m	20.119	ug/l	
47) Methyl methacrylate	6.964	69	175753	23.313	ug/l	95
48) Ethyl methacrylate	8.337	69	190150	13.915	ug/l	95
49) Toluene	7.973	92	395145	11.337	ug/l	99
50) t-1,3-Dichloropropene	8.214	75	226188	12.776	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	252862	12.459	ug/l	97
52) 1,1,2-Trichloroethane	8.404	97	122346	10.057	ug/l	98
53) 1,3-Dichloropropane	8.578	76	222393	10.646	ug/l	100
54) 2-Hexanone	8.687	43	431503	56.996	ug/l	100
55) Dibromochloromethane	8.812	129	154875	11.208	ug/l	98
56) 1,2-Dibromoethane	8.925	107	126949	11.202	ug/l	99
58) Tetrachloroethene	8.555	164	155083	11.296	ug/l	98
59) Chlorobenzene	9.449	112	436012	11.662	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	153496	10.993	ug/l	99
61) Pentachloroethane	11.430	117	119967	10.396	ug/l	86
62) Hexachloroethane	12.478	117	129500	11.592	ug/l #	81
63) Ethyl Benzene	9.571	91	772278	12.483	ug/l	100
64) m/p-Xylenes	9.697	106	595001	24.566	ug/l	97
65) o-Xylene	10.102	106	288504	12.419	ug/l	96
66) Styrene	10.118	104	492748	12.564	ug/l	97
67) Bromoform	10.291	173	98845	11.702	ug/l #	98
69) Isopropylbenzene	10.488	105	769566	12.724	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.783	83	167170	10.349	ug/l	98
71) 1,2,3-Trichloropropane	10.838	75	149053m	11.738	ug/l	
72) Bromobenzene	10.783	156	188158	11.367	ug/l	88
73) n-propylbenzene	10.909	120	214880	12.775	ug/l	89
74) 2-Chlorotoluene	10.989	126	182136	11.890	ug/l	88
75) 1,3,5-Trimethylbenzene	11.089	105	639106	12.152	ug/l	99
76) 4-Chlorotoluene	11.099	126	191341	12.017	ug/l	84
77) tert-Butylbenzene	11.423	119	640635	12.366	ug/l	95
78) 1,2,4-Trimethylbenzene	11.468	105	643444	12.014	ug/l	97
79) sec-Butylbenzene	11.645	105	856116	12.296	ug/l	98
80) Nitrobenzene	13.208	77	42015	60.948	ug/l	97
81) p-Isopropyltoluene	11.796	119	719766	12.492	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	366646	11.097	ug/l	98
83) 1,4-Dichlorobenzene	11.838	146	364737	11.232	ug/l	98
84) n-Butylbenzene	12.211	91	698355	12.666	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	350018	10.997	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.999	75	30429	11.600	ug/l	82
87) 1,2,4-Trichlorobenzene	13.841	180	277230	13.361	ug/l	98
88) Hexachlorobutadiene	14.021	225	141437	10.900	ug/l	98
89) Naphthalene	14.086	128	561846	15.078	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	253948	12.422	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. 0.000 min
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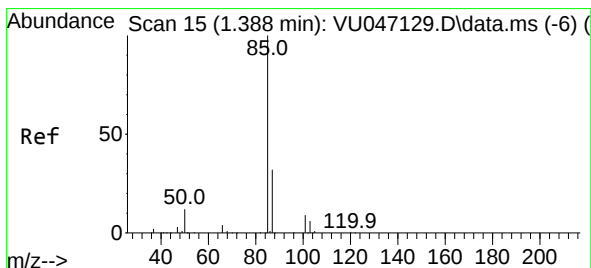
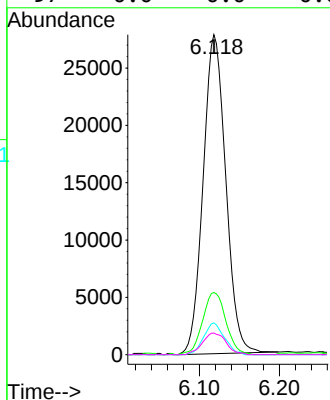
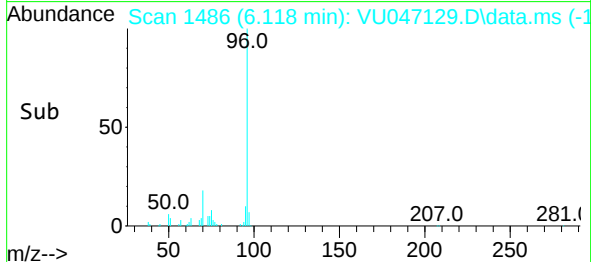
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 96 Resp: 5474
Ion Ratio Lower Upper
96 100
70 20.1 16.8 25.2
95 9.2 7.3 10.9
97 0.0 0.0 0.0

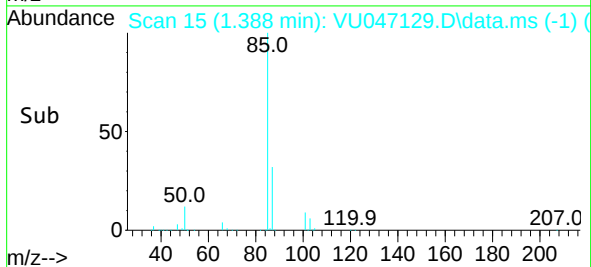
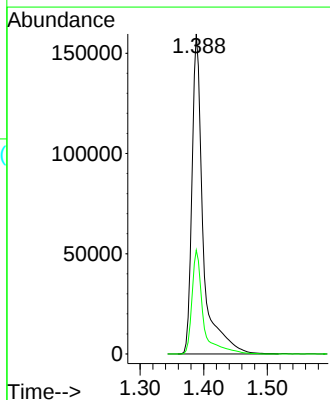
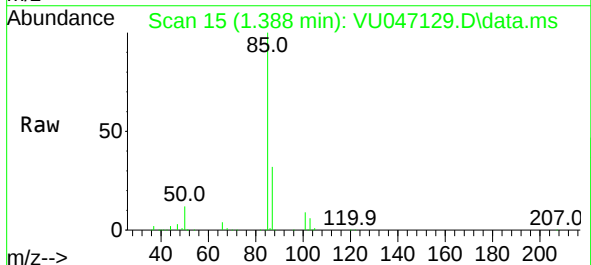
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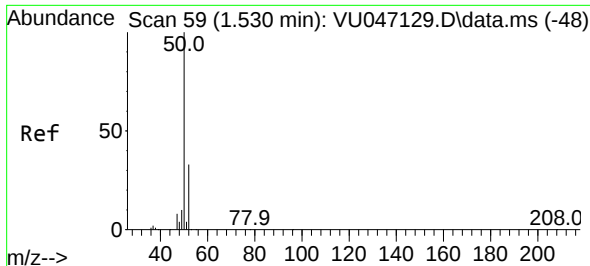
Reviewed By :John Carlone 02/15/2022
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#2
Dichlorodifluoromethane
Concen: 11.349 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

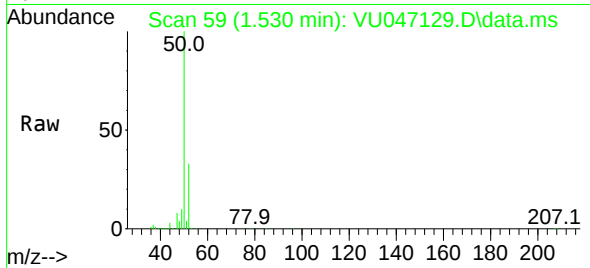
Tgt Ion: 85 Resp: 194997
Ion Ratio Lower Upper
85 100
87 32.5 16.2 48.6





#3
Chloromethane
Concen: 10.194 ug/l
RT: 1.530 min Scan# 59
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

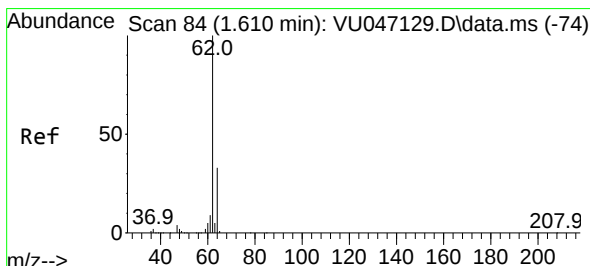
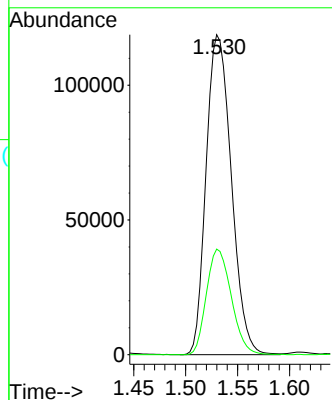
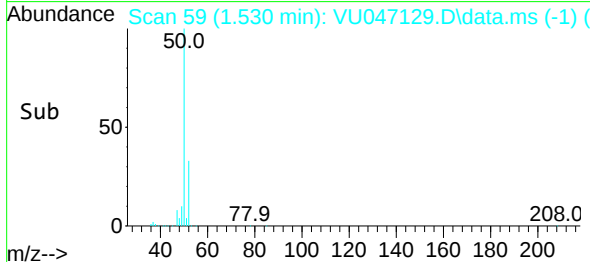
Instrument :
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ClientSampleId :
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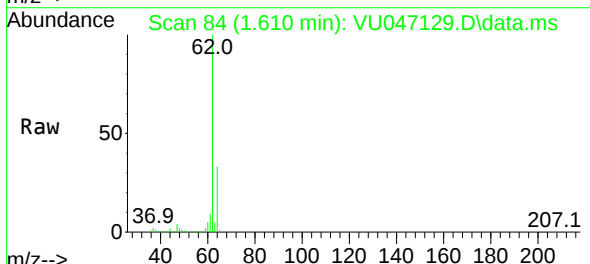
Tgt Ion: 50 Resp: 200150
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.4

Manual Integrations
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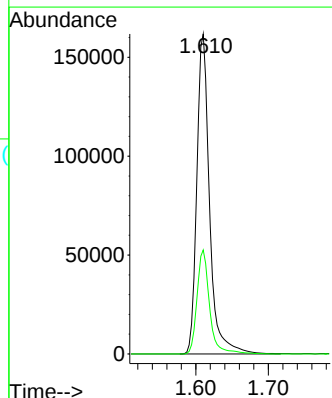
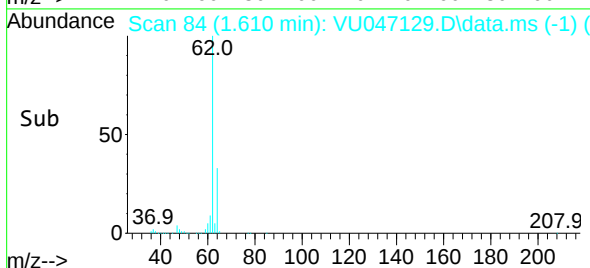
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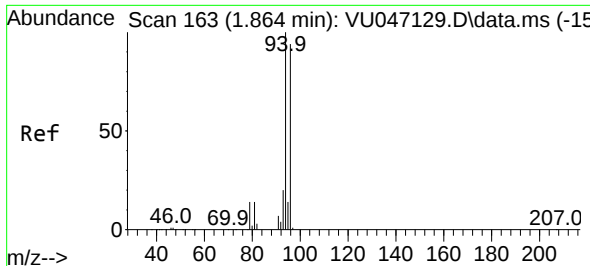


#4
Vinyl Chloride
Concen: 10.475 ug/l
RT: 1.610 min Scan# 84
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09



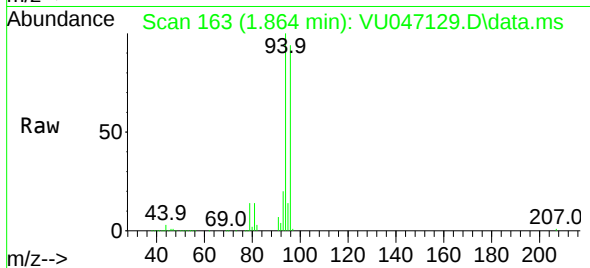
Tgt Ion: 62 Resp: 196978
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0





#5
Bromomethane
Concen: 10.817 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

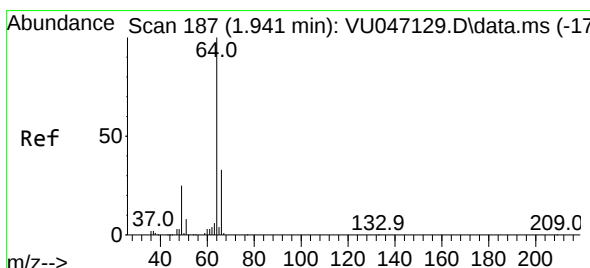
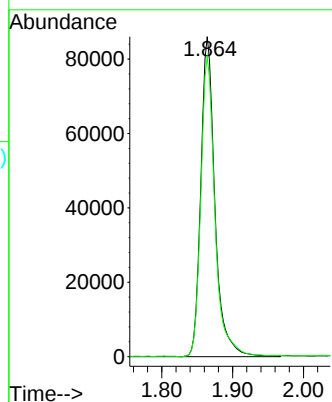
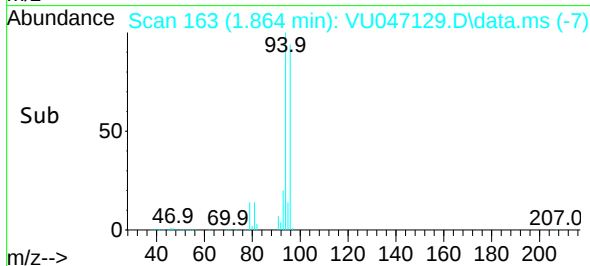
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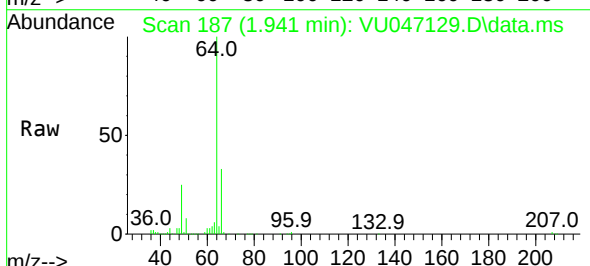
Tgt Ion: 94 Resp: 119369
Ion Ratio Lower Upper
94 100
96 93.8 75.0 112.4

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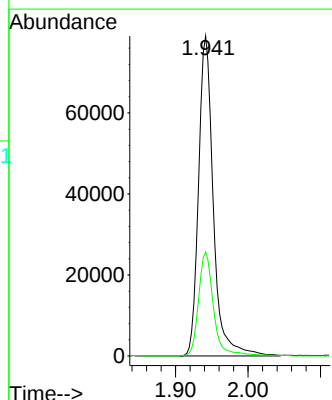
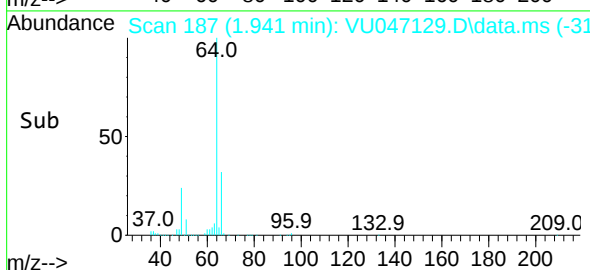
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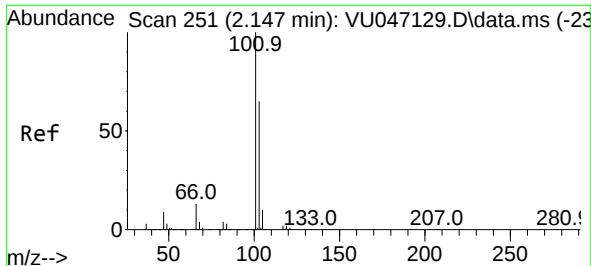


#6
Chloroethane
Concen: 9.749 ug/l
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09



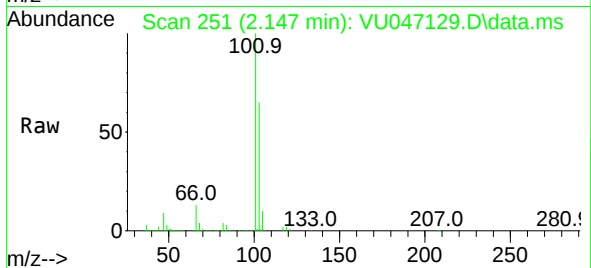
Tgt Ion: 64 Resp: 111851
Ion Ratio Lower Upper
64 100
66 32.5 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 9.835 ug/l
 RT: 2.147 min Scan# 251
 Delta R.T. 0.000 min
 Lab File: VU047129.D
 Acq: 14 Feb 2022 12:09

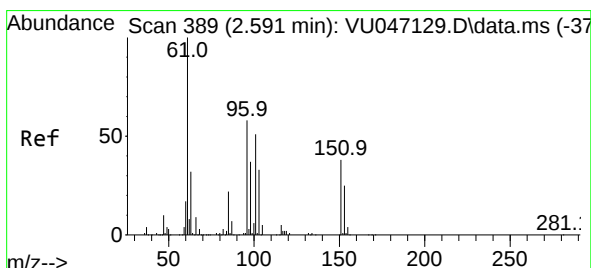
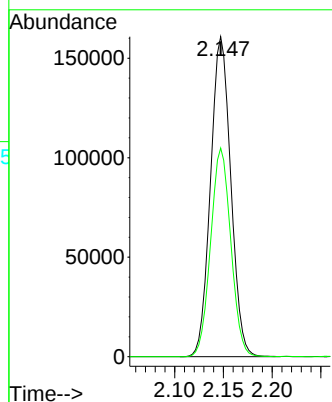
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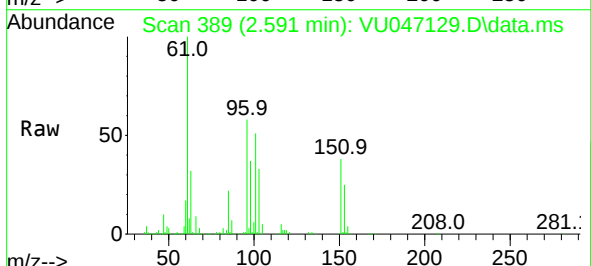
Tgt Ion:101 Resp: 232420
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.2 78.2

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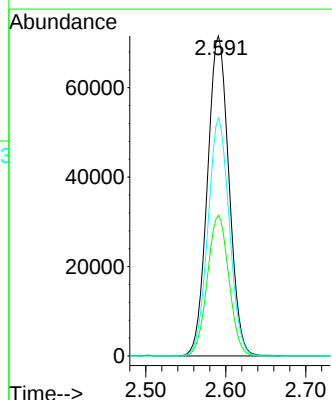
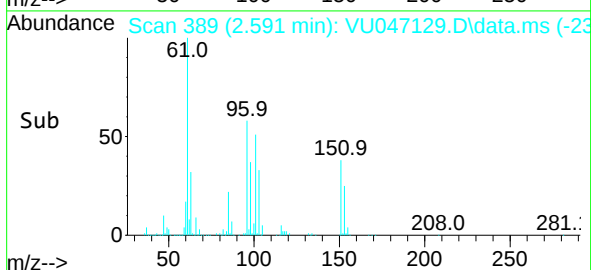
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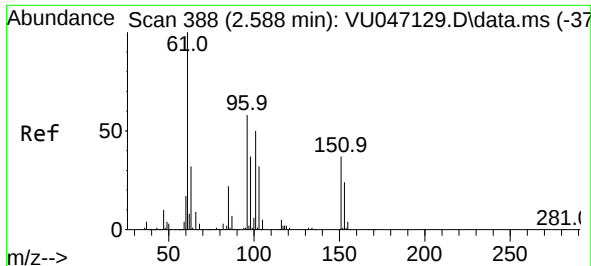


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.532 ug/l
 RT: 2.591 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: VU047129.D
 Acq: 14 Feb 2022 12:09



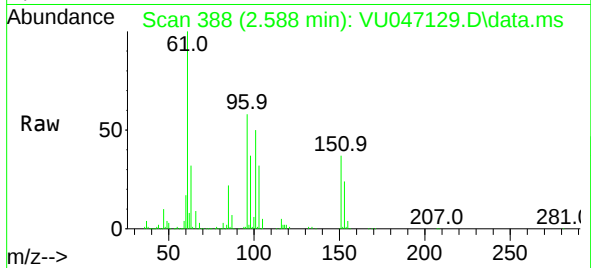
Tgt Ion:101 Resp: 133938
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.8 53.6
 151 73.8 54.6 81.8





#9
1,1-Dichloroethene
Concen: 10.753 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

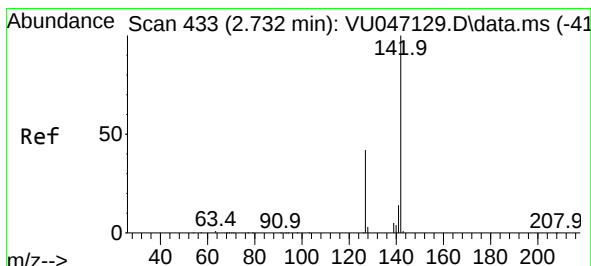
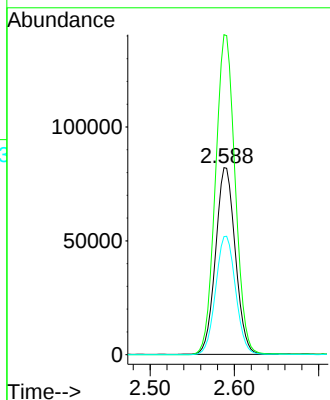
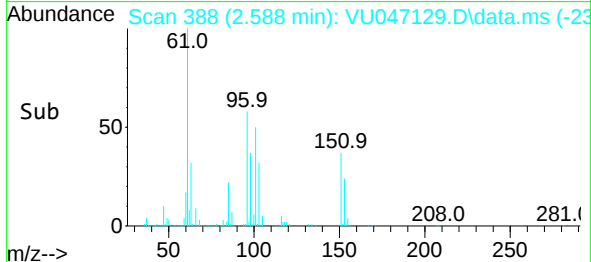
Instrument :
MSVOA_U
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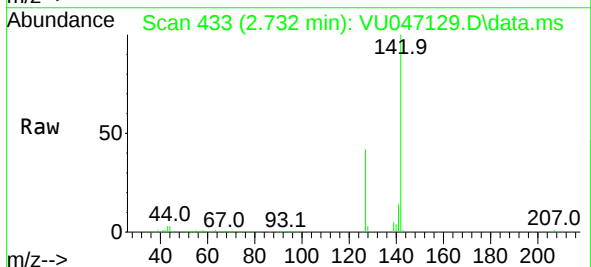
Tgt Ion: 96 Resp: 133530
Ion Ratio Lower Upper
96 100
61 171.3 0.0 514.2
98 63.2 0.0 126.4

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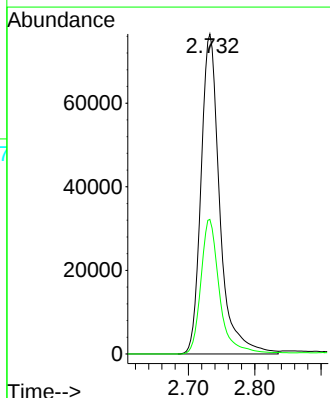
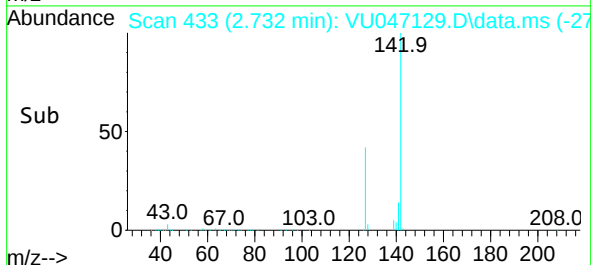
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

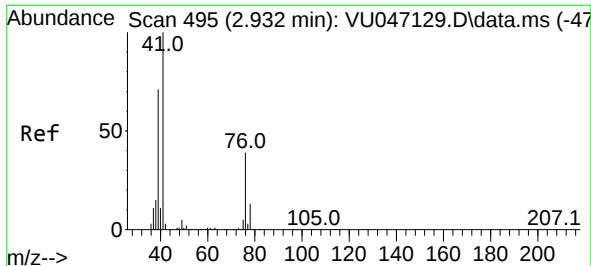


#10
Iodomethane
Concen: 7.900 ug/l
RT: 2.732 min Scan# 433
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09



Tgt Ion:142 Resp: 150165
Ion Ratio Lower Upper
142 100
127 41.9 33.2 49.8





#11

Allyl Chloride

Concen: 9.937 ug/l

RT: 2.932 min Scan# 495

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 214174

Ion Ratio Lower Upper

41 100

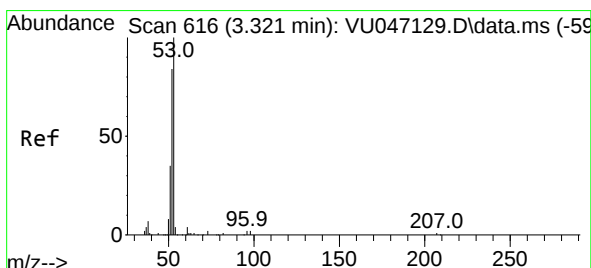
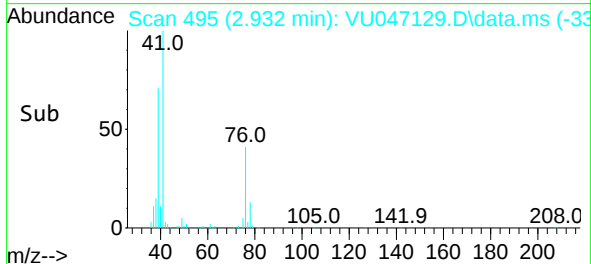
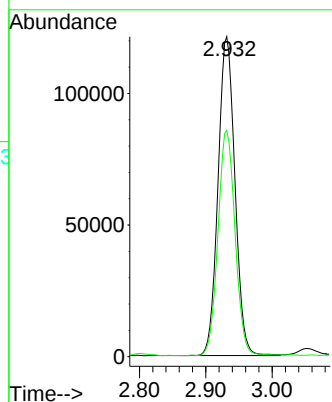
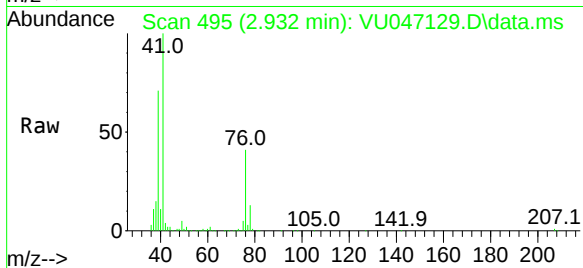
39 71.5 62.4 93.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#12

Acrylonitrile

Concen: 16.280 ug/l

RT: 3.321 min Scan# 616

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

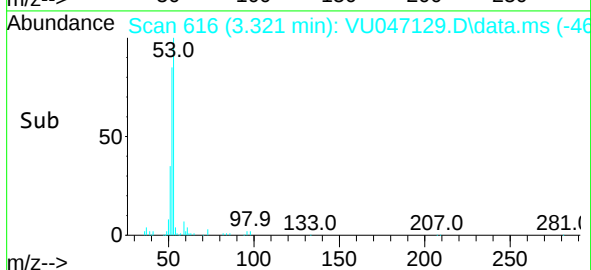
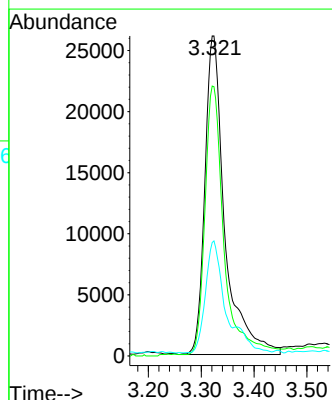
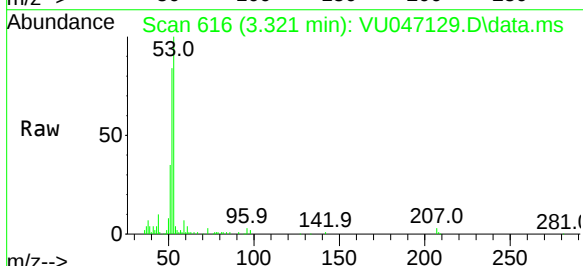
Tgt Ion: 53 Resp: 68434

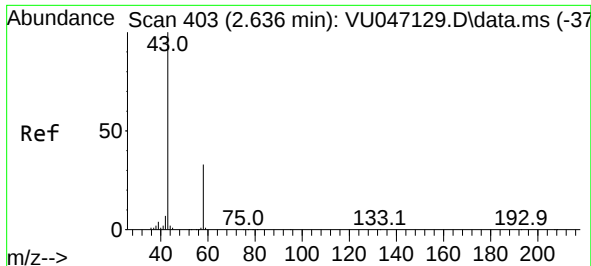
Ion Ratio Lower Upper

53 100

52 80.0 56.7 85.1

51 29.9 30.3 45.5#





#13

Acetone

Concen: 29.895 ug/l

RT: 2.636 min Scan# 403

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 10273

Ion Ratio Lower Upper

43 100

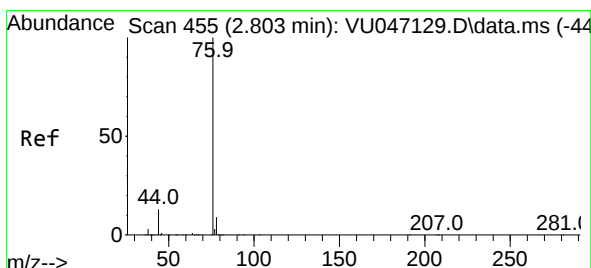
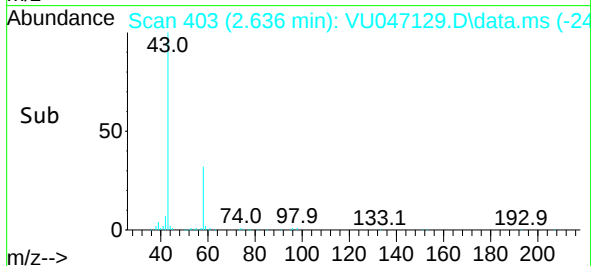
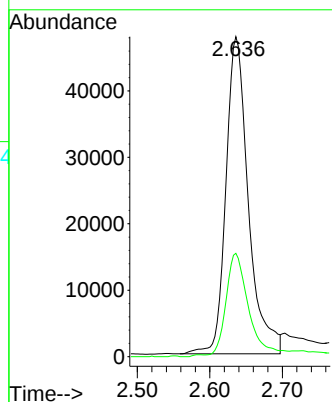
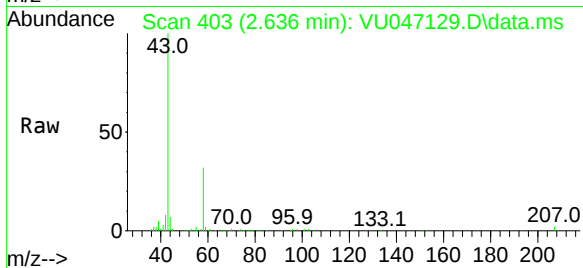
58 32.6 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#14

Carbon Disulfide

Concen: 11.796 ug/l

RT: 2.803 min Scan# 455

Delta R.T. 0.000 min

Lab File: VU047129.D

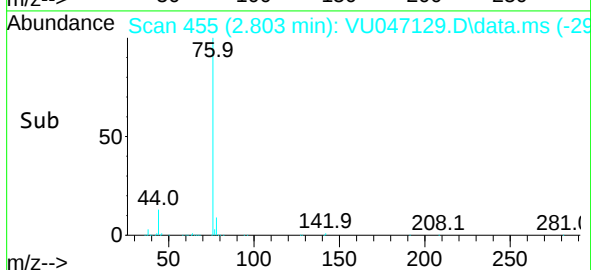
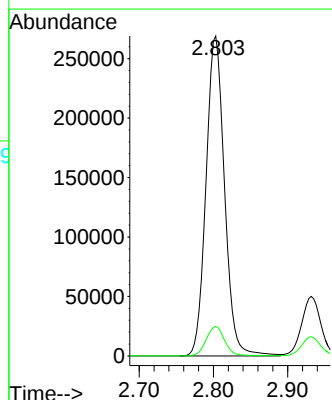
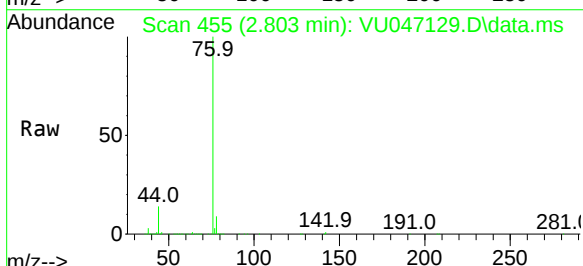
Acq: 14 Feb 2022 12:09

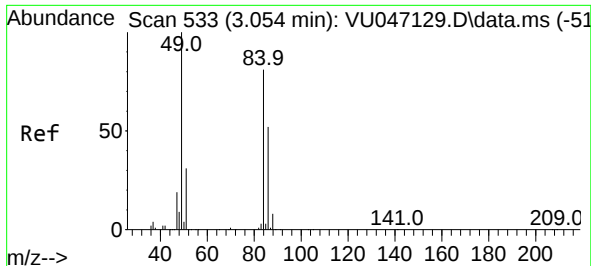
Tgt Ion: 76 Resp: 465463

Ion Ratio Lower Upper

76 100

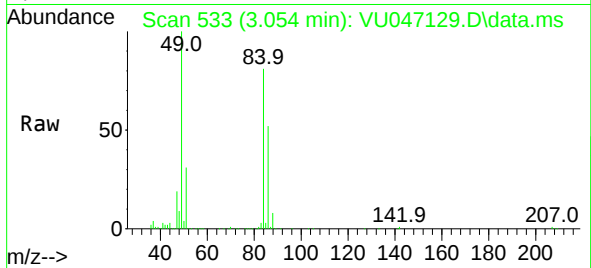
78 9.2 7.1 10.7





#15
Methylene Chloride
Concen: 9.522 ug/l
RT: 3.054 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

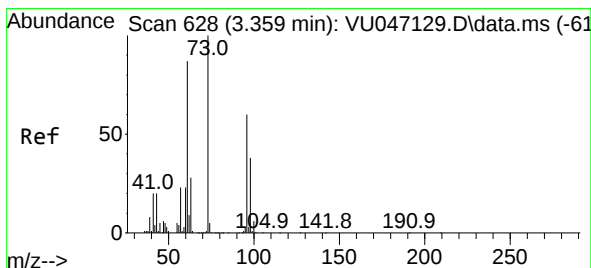
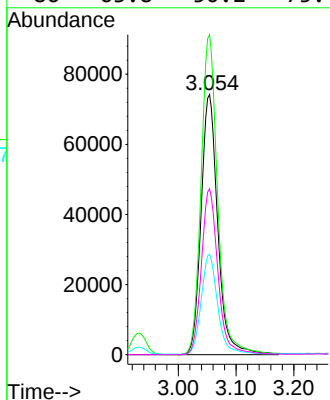
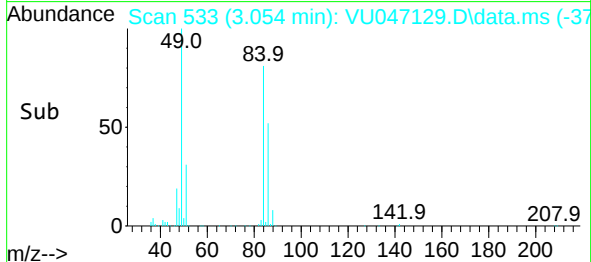
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 84 Resp: 149680
Ion Ratio Lower Upper
84 100
49 123.0 97.2 145.8
51 38.4 0.0 73.4
86 63.8 50.2 75.4

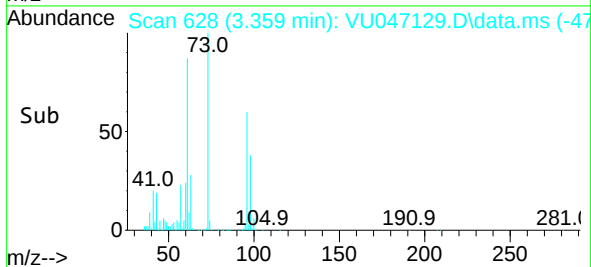
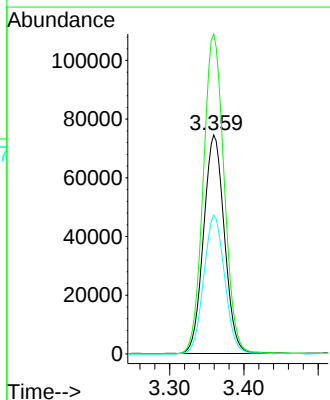
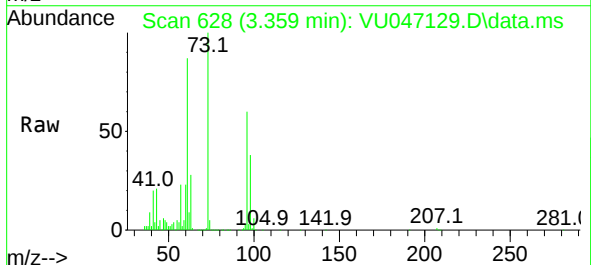
Manual Integrations
APPROVED

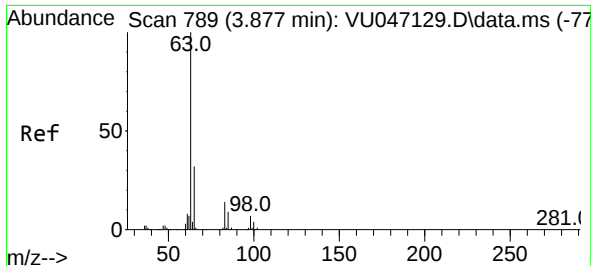
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#16
trans-1,2-Dichloroethene
Concen: 10.384 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

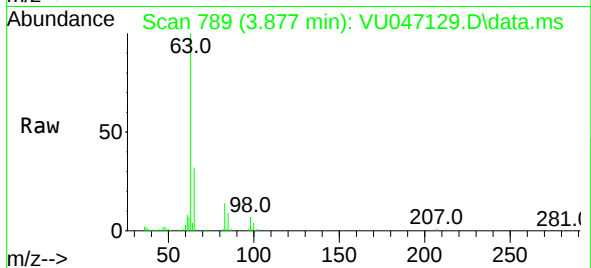
Tgt Ion: 96 Resp: 145067
Ion Ratio Lower Upper
96 100
61 146.3 115.8 173.6
98 63.5 51.1 76.7





#17
1,1-Dichloroethane
Concen: 9.794 ug/l
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

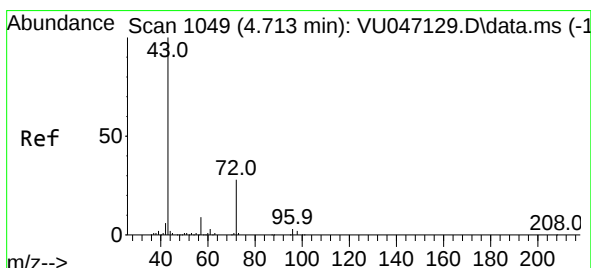
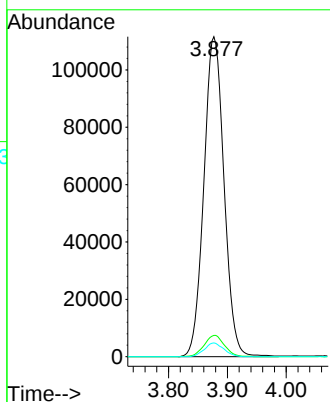
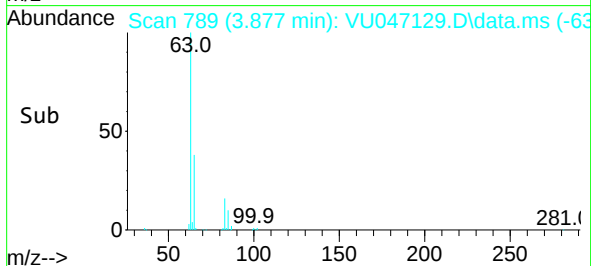
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



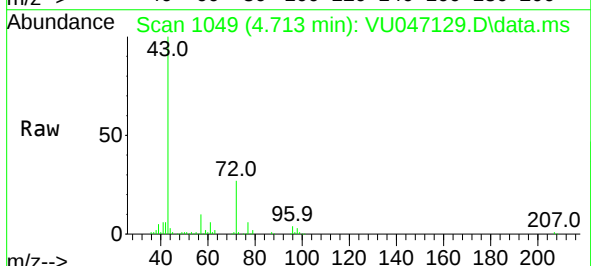
Tgt Ion: 63 Resp: 26577
Ion Ratio Lower Upper
63 100
98 6.7 3.6 10.8
100 4.3 2.1 6.5

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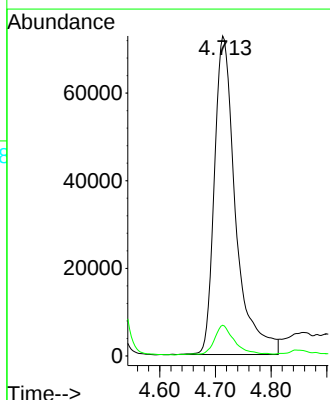
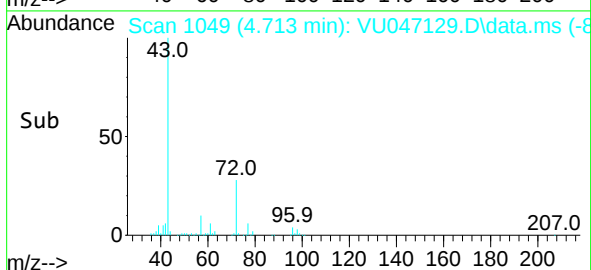
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

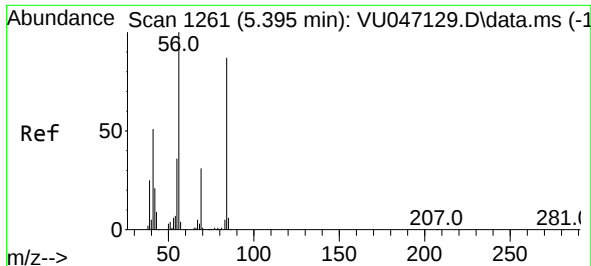


#18
2-Butanone
Concen: 38.075 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09



Tgt Ion: 43 Resp: 192842
Ion Ratio Lower Upper
43 100
57 9.2 0.0 16.6





#19

Cyclohexane

Concen: 11.071 ug/l m

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 56 Resp: 247209

Ion Ratio Lower Upper

56 100

69 31.3 24.7 37.1

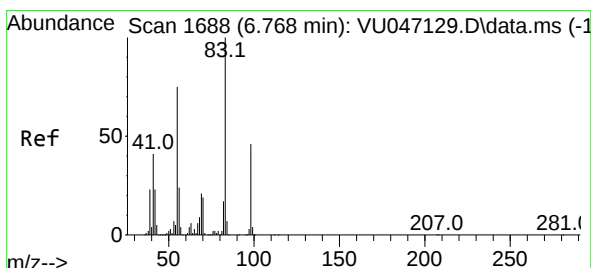
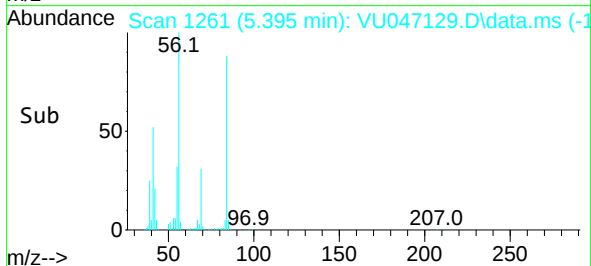
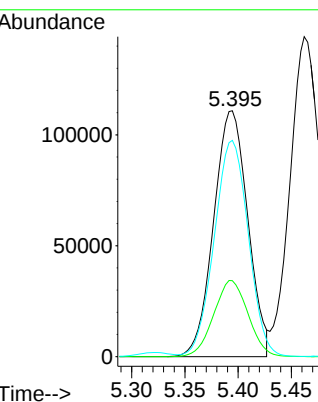
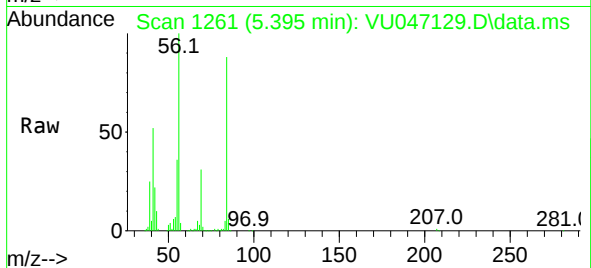
84 86.7 68.8 103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#20

Methylcyclohexane

Concen: 12.791 ug/l

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

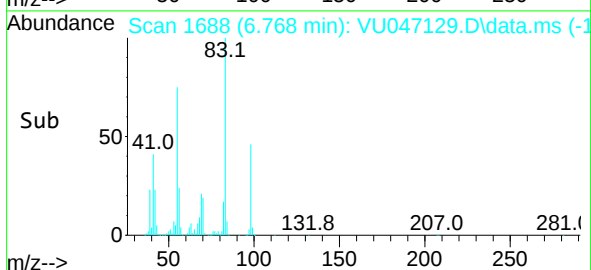
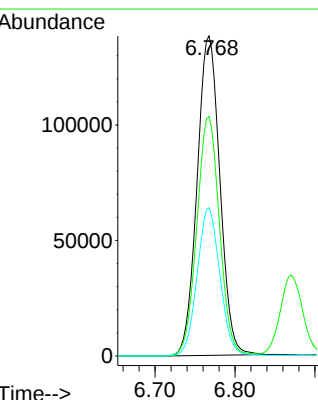
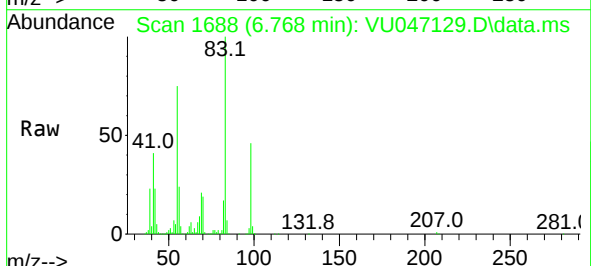
Tgt Ion: 83 Resp: 274129

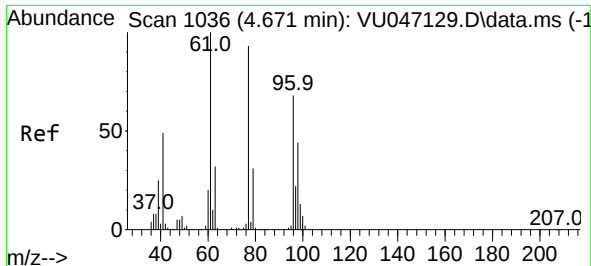
Ion Ratio Lower Upper

83 100

55 73.6 61.9 92.9

98 46.2 37.4 56.2





#21

2,2-Dichloropropane

Concen: 11.585 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 77 Resp: 24042

Ion Ratio Lower Upper

77 100

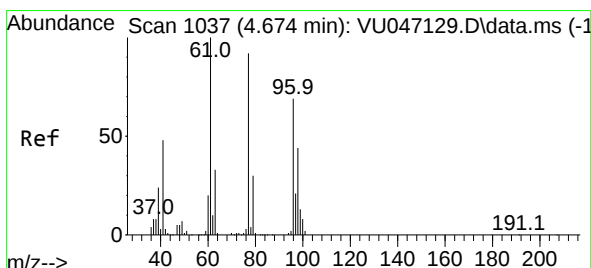
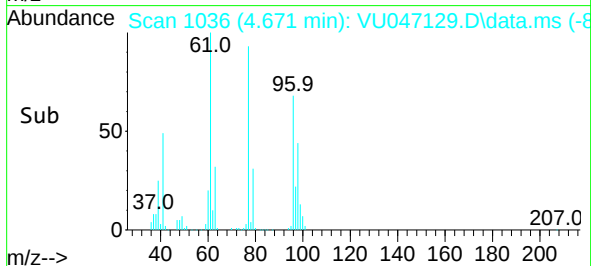
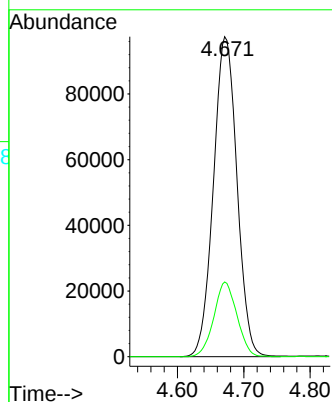
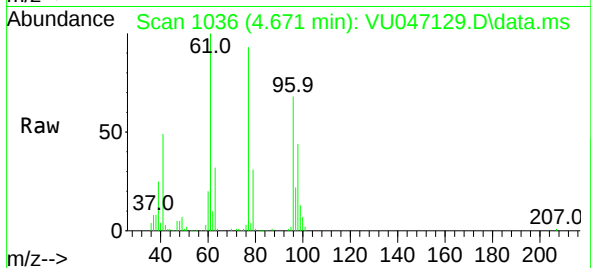
97 22.9 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#22

cis-1,2-Dichloroethene

Concen: 10.476 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

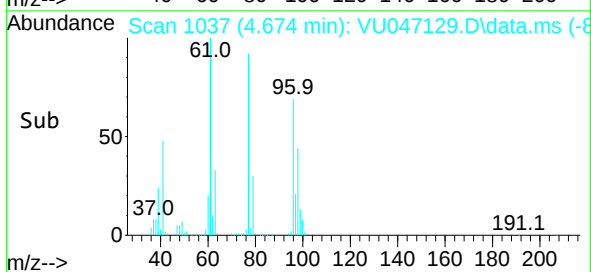
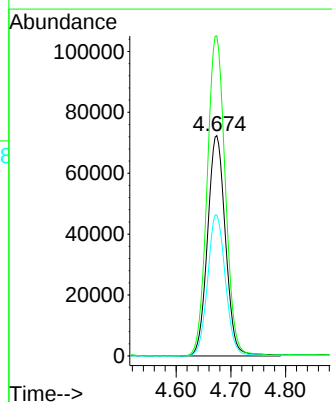
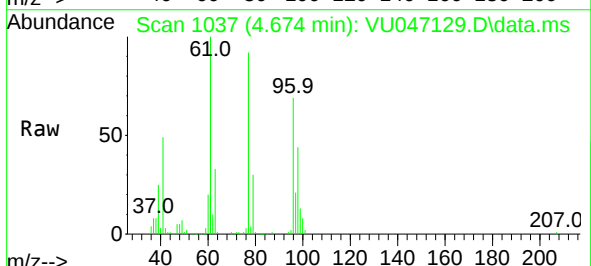
Tgt Ion: 96 Resp: 164646

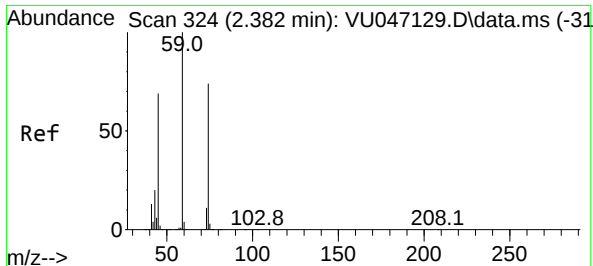
Ion Ratio Lower Upper

96 100

61 146.9 0.0 385.3

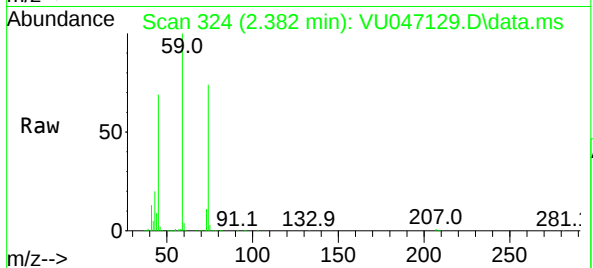
98 63.8 32.1 96.3





#23
Diethyl Ether
Concen: 9.988 ug/l
RT: 2.382 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

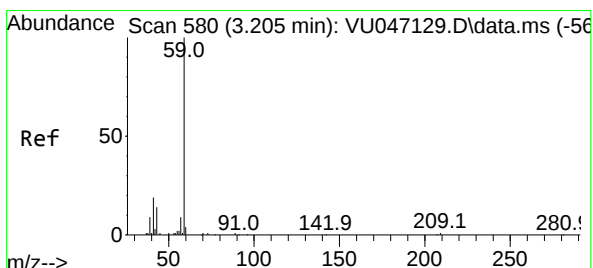
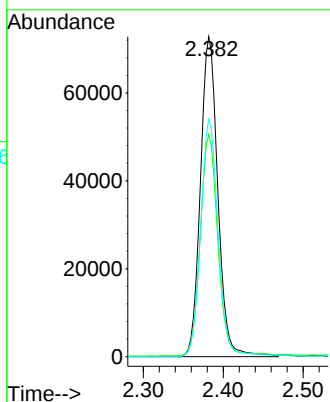
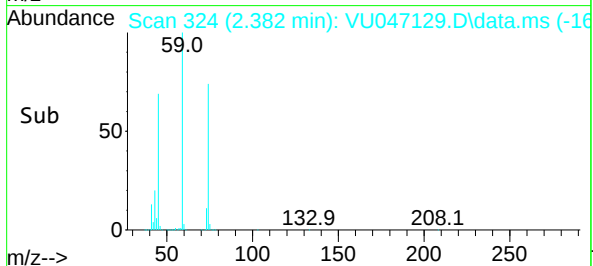
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



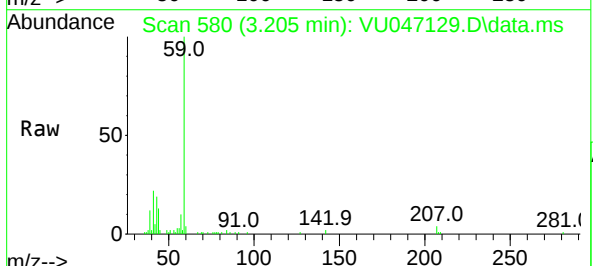
Tgt Ion: 59 Resp: 110550
Ion Ratio Lower Upper
59 100
45 69.2 55.6 83.4
74 74.7 58.1 87.1

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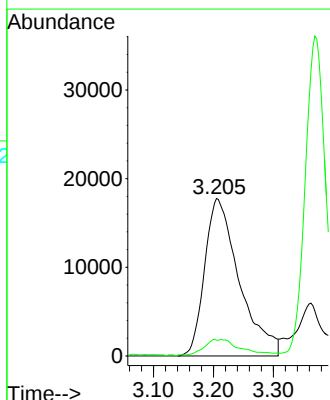
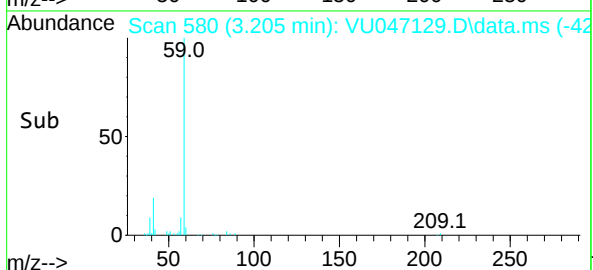
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

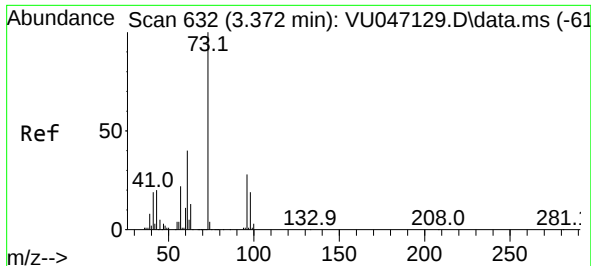


#24
tert-Butyl Alcohol
Concen: 71.783 ug/l
RT: 3.205 min Scan# 580
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09



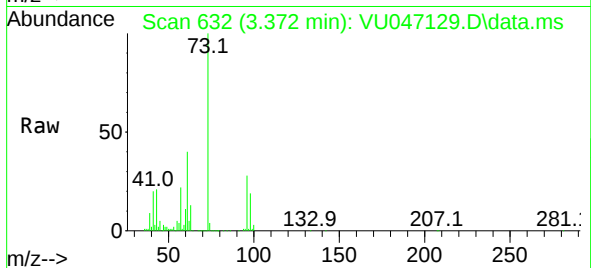
Tgt Ion: 59 Resp: 71238
Ion Ratio Lower Upper
59 100
57 4.7 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 10.363 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

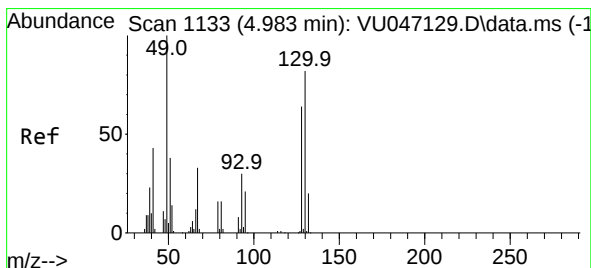
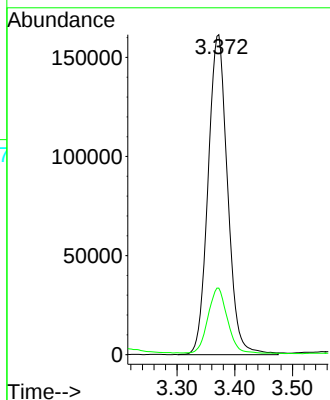
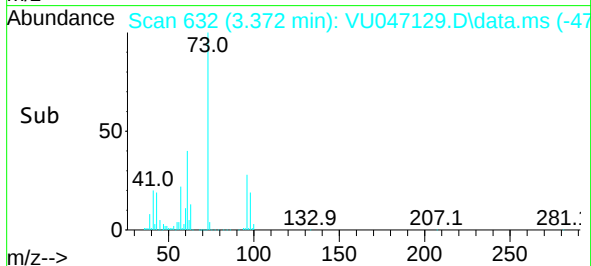
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



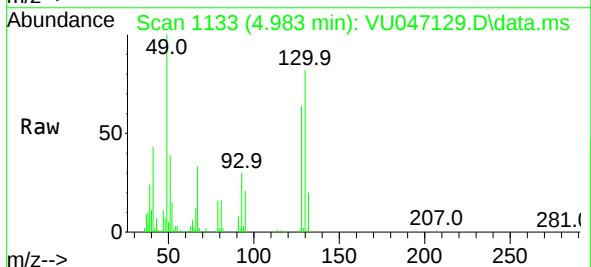
Tgt Ion: 73 Resp: 37834
Ion Ratio Lower Upper
73 100
43 20.0 16.3 24.5

Manual Integrations
APPROVED

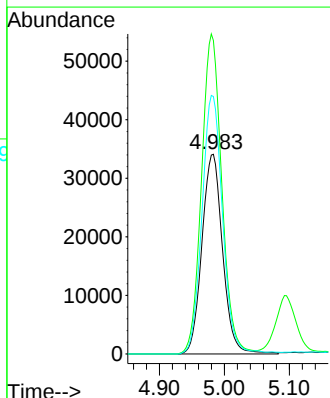
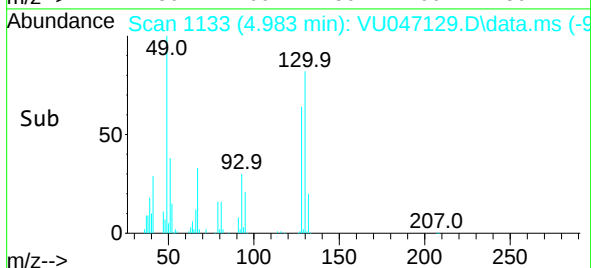
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

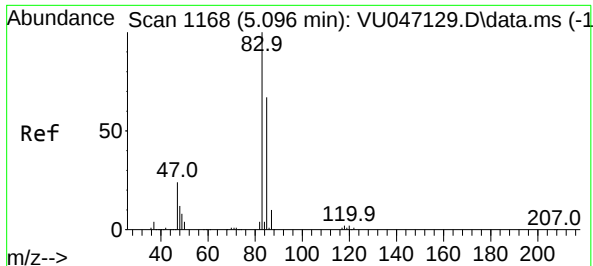


#26
Bromochloromethane
Concen: 10.030 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09



Tgt Ion:128 Resp: 75528
Ion Ratio Lower Upper
128 100
49 156.7 0.0 347.4
130 128.5 101.5 152.3





#27

Chloroform

Concen: 8.973 ug/l

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 261168

Ion Ratio Lower Upper

83 100

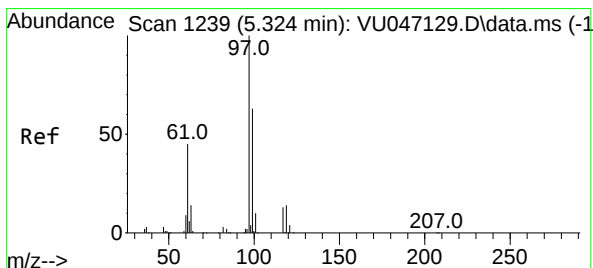
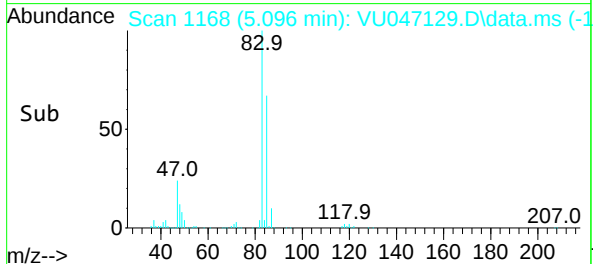
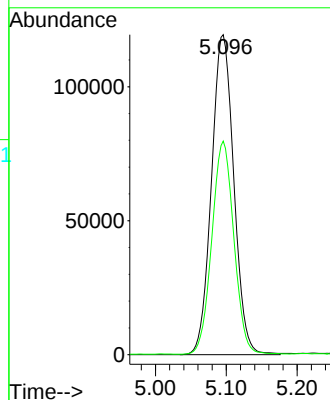
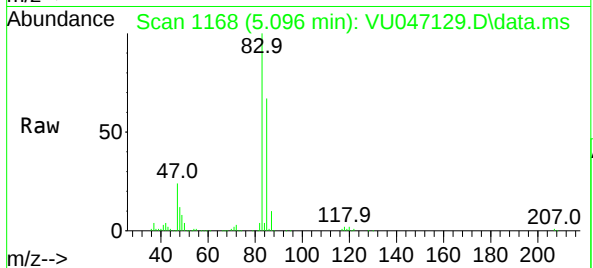
85 66.6 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#28

1,1,1-Trichloroethane

Concen: 10.302 ug/l

RT: 5.324 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

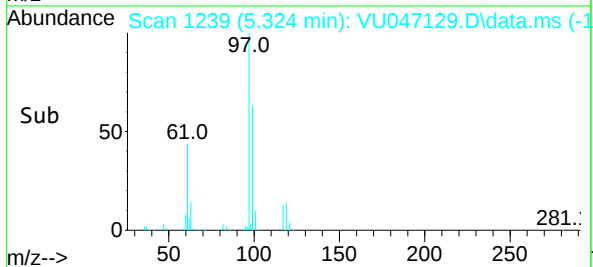
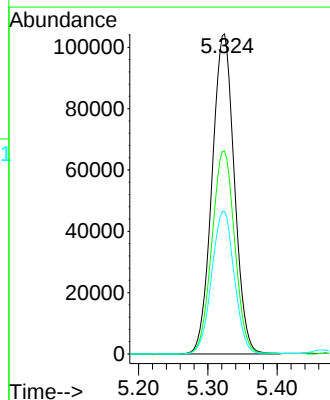
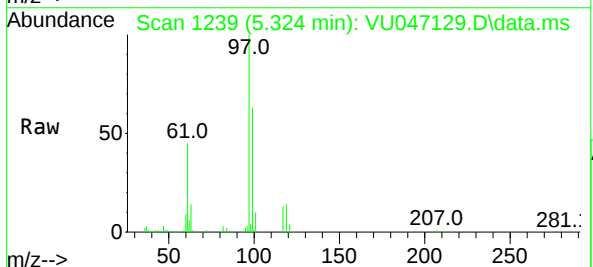
Tgt Ion: 97 Resp: 233602

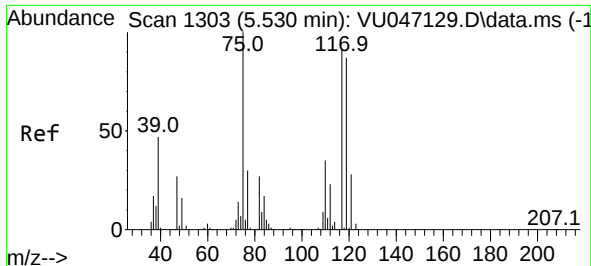
Ion Ratio Lower Upper

97 100

99 64.8 32.2 96.6

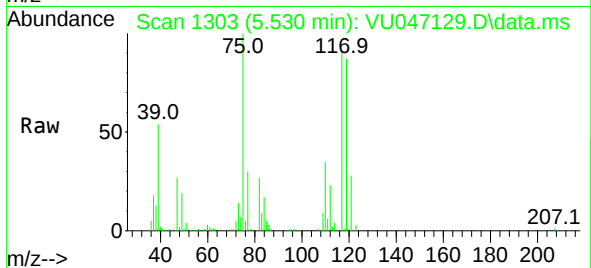
61 45.1 24.5 73.5





#29
1,1-Dichloropropene
Concen: 10.994 ug/l
RT: 5.530 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

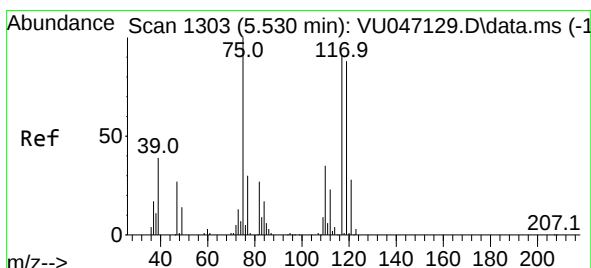
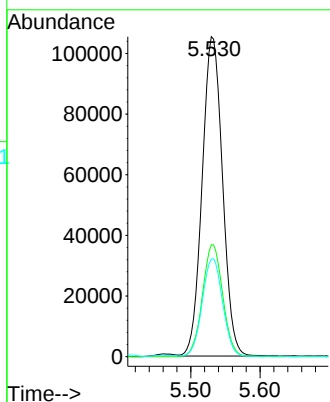
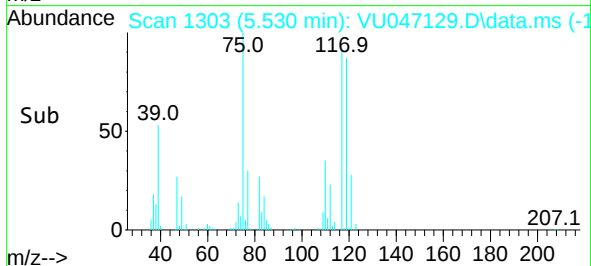
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



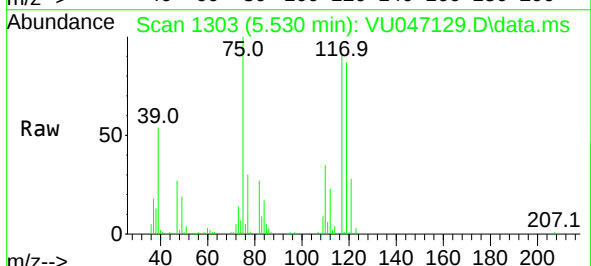
Tgt Ion: 75 Resp: 214658
Ion Ratio Lower Upper
75 100
110 35.0 16.8 50.3
77 30.5 24.7 37.1

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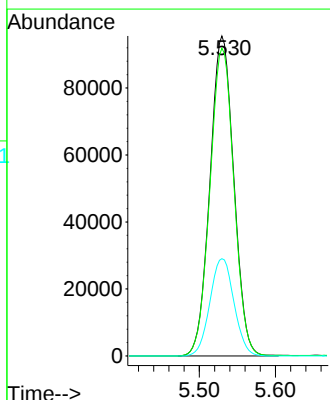
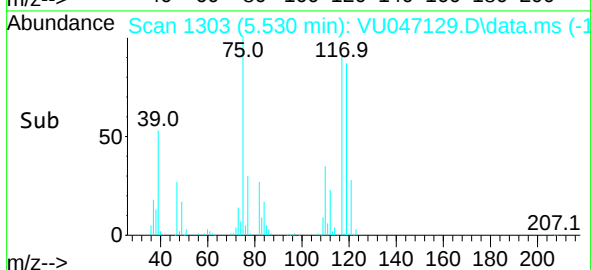
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

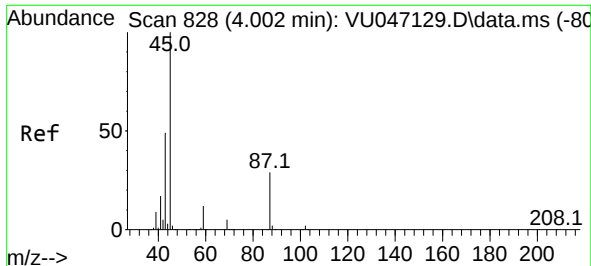


#30
Carbon Tetrachloride
Concen: 10.669 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09



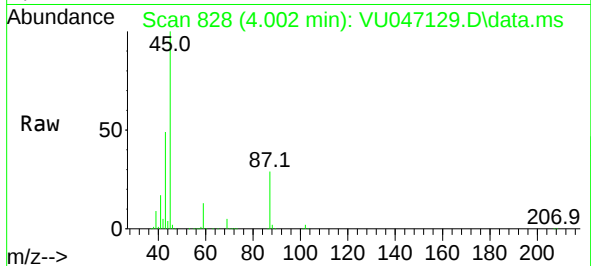
Tgt Ion:117 Resp: 207901
Ion Ratio Lower Upper
117 100
119 96.1 76.8 115.2
121 30.4 24.6 37.0





#31
Isopropyl Ether
Concen: 10.385 ug/l
RT: 4.002 min Scan# 828
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

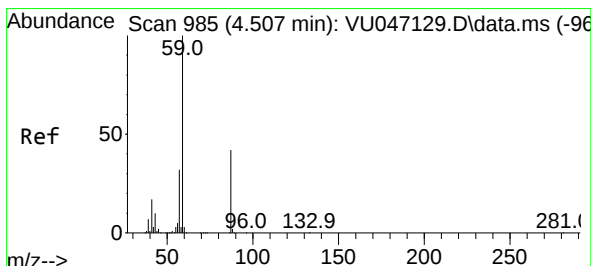
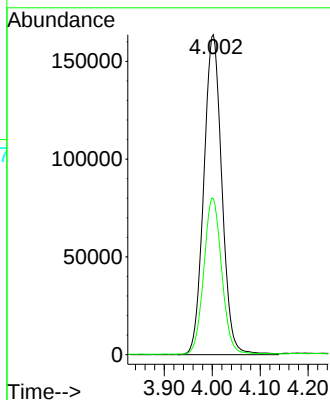
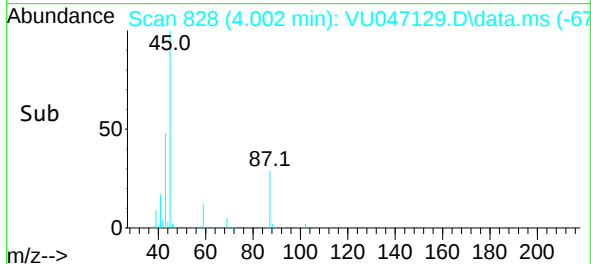
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



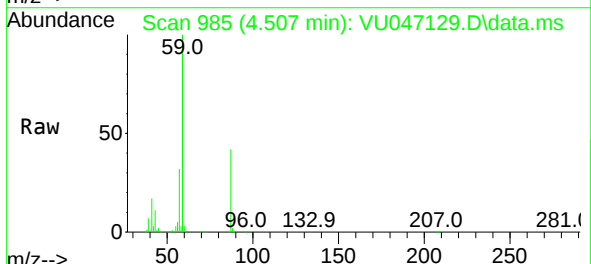
Tgt Ion: 45 Resp: 42869
Ion Ratio Lower Upper
45 100
43 48.2 25.3 75.8

Manual Integrations
APPROVED

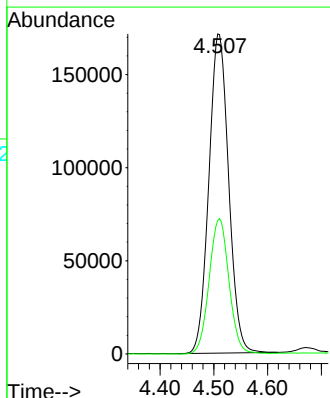
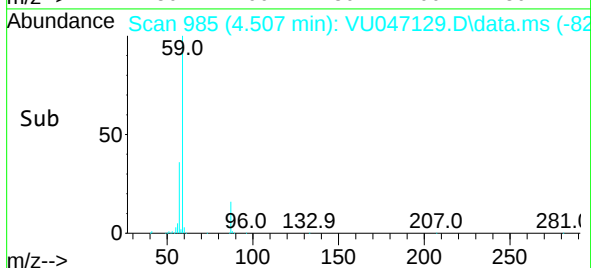
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

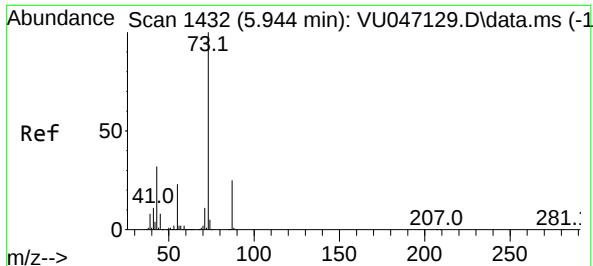


#32
Ethyl-t-butyl ether
Concen: 11.789 ug/l
RT: 4.507 min Scan# 985
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09



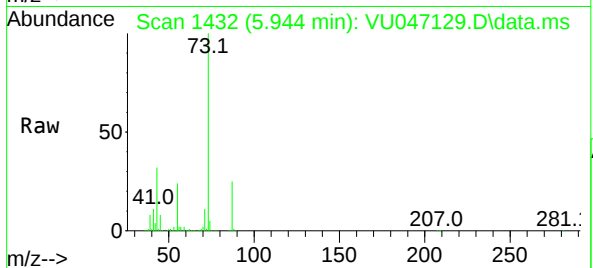
Tgt Ion: 59 Resp: 437311
Ion Ratio Lower Upper
59 100
87 42.4 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 12.037 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

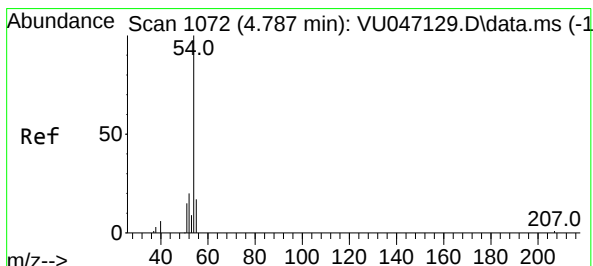
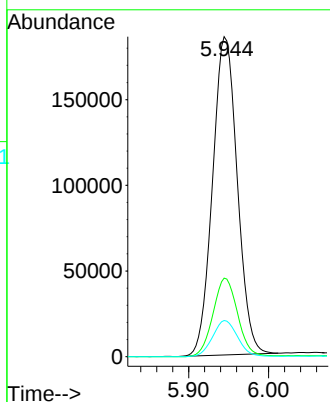
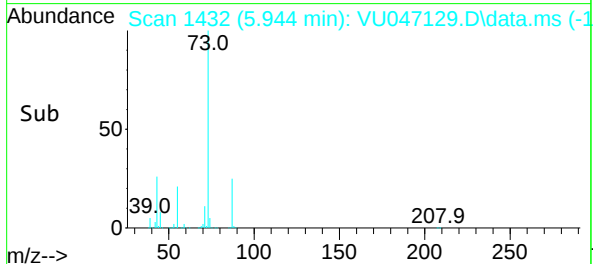
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 73 Resp: 398139
Ion Ratio Lower Upper
73 100
87 24.2 18.6 28.0
71 11.4 9.0 13.6

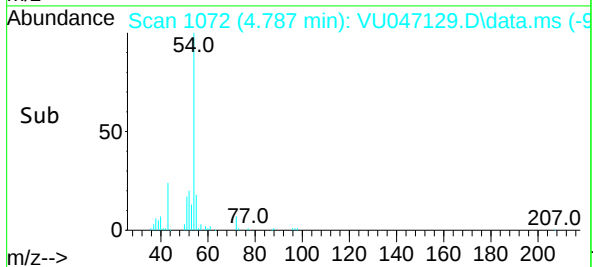
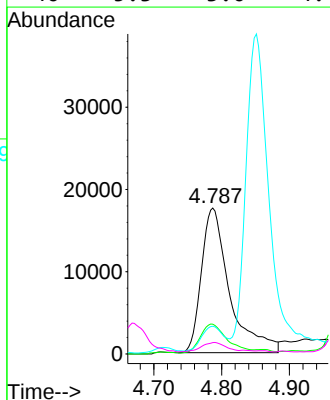
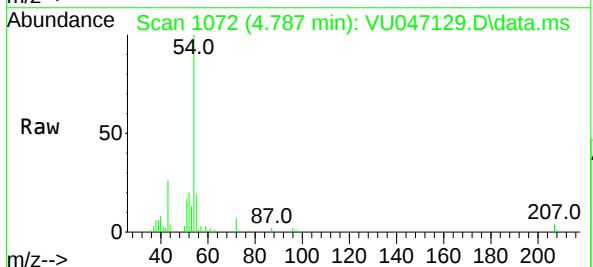
Manual Integrations
APPROVED

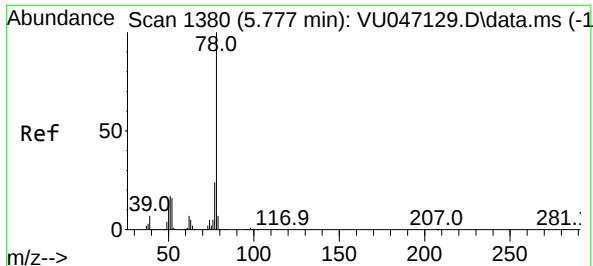
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#34
Propionitrile
Concen: 33.887 ug/l
RT: 4.787 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

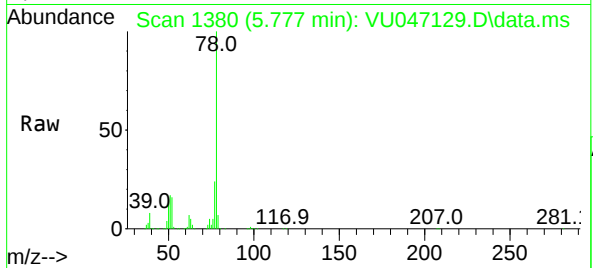
Tgt Ion: 54 Resp: 51043
Ion Ratio Lower Upper
54 100
52 18.7 11.9 17.9#
55 13.5 8.0 12.0#
40 5.3 3.0 4.4#





#35
Benzene
Concen: 10.289 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

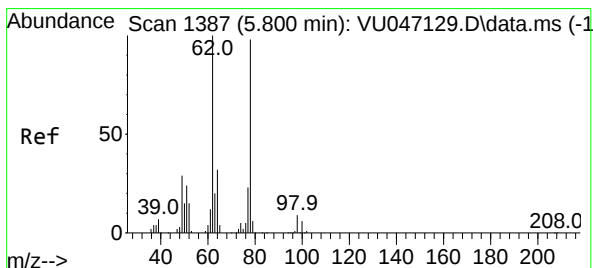
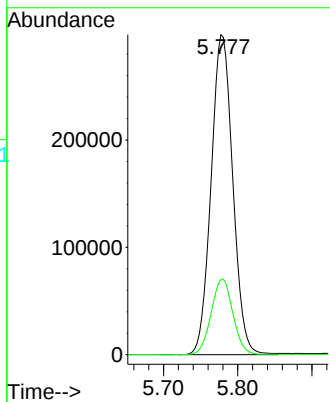
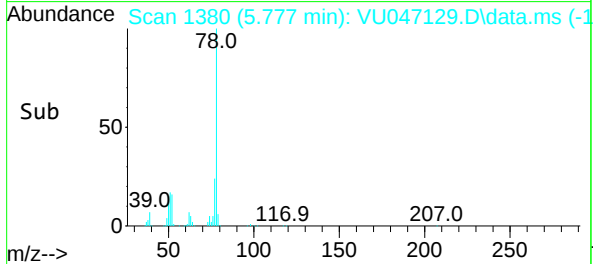
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



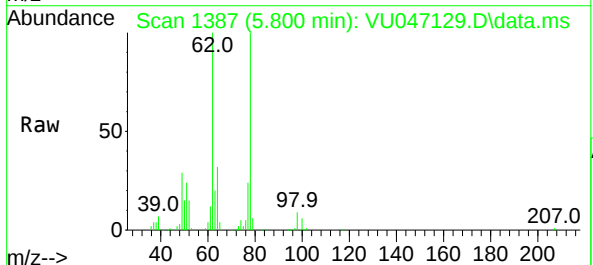
Tgt Ion: 78 Resp: 604949
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

Manual Integrations
APPROVED

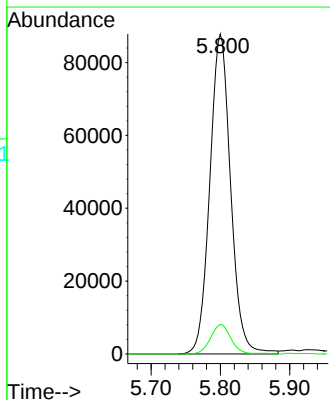
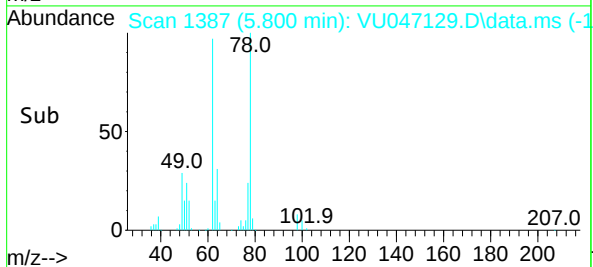
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

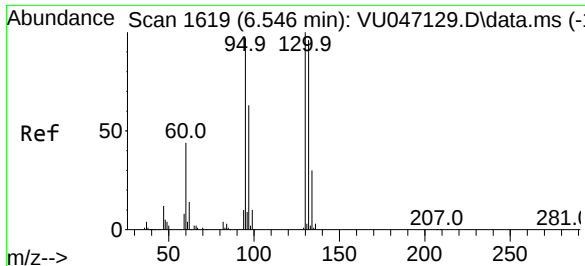


#36
1,2-Dichloroethane
Concen: 10.229 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09



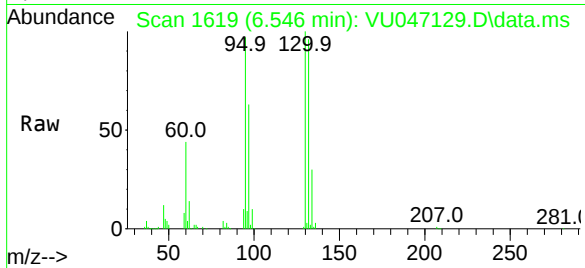
Tgt Ion: 62 Resp: 183249
Ion Ratio Lower Upper
62 100
98 9.0 7.3 10.9





#37
Trichloroethene
Concen: 11.214 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

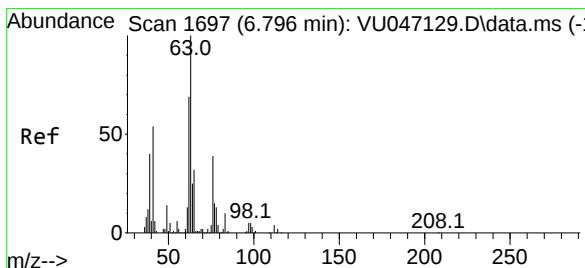
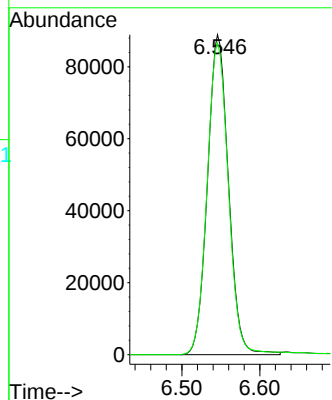
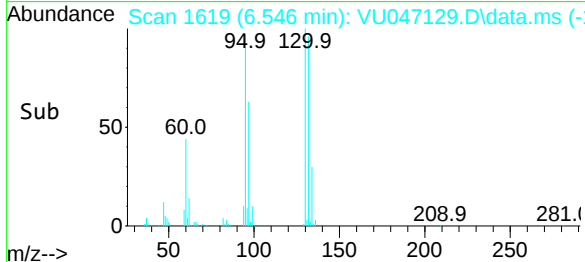
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



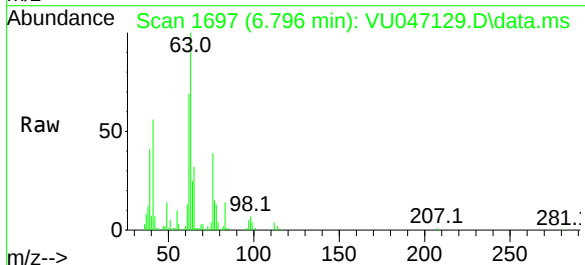
Tgt Ion:130 Resp: 166194
Ion Ratio Lower Upper
130 100
95 97.4 83.8 125.8

Manual Integrations
APPROVED

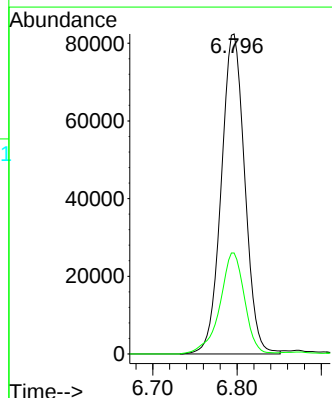
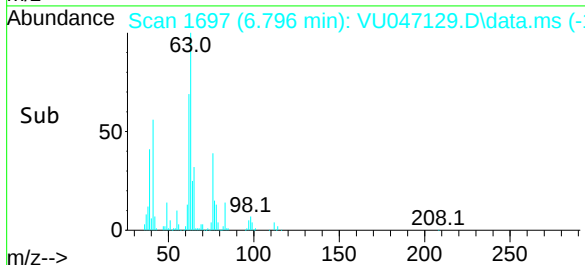
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

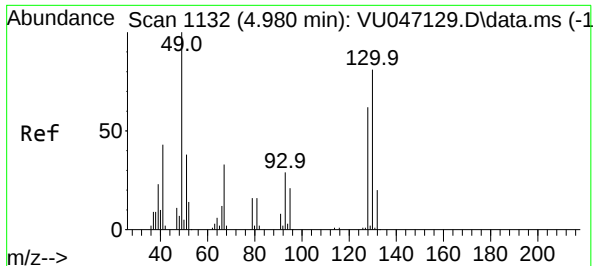


#38
1,2-Dichloropropane
Concen: 10.230 ug/l
RT: 6.796 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09



Tgt Ion: 63 Resp: 159333
Ion Ratio Lower Upper
63 100
65 31.5 24.7 37.1





#39

Methacrylonitrile

Concen: 9.388 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

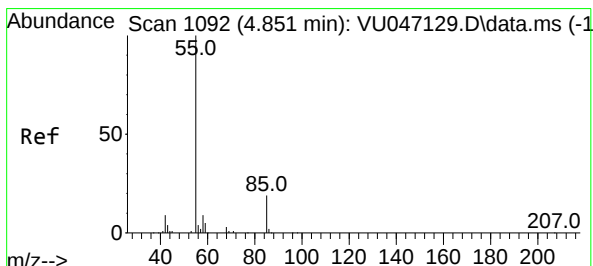
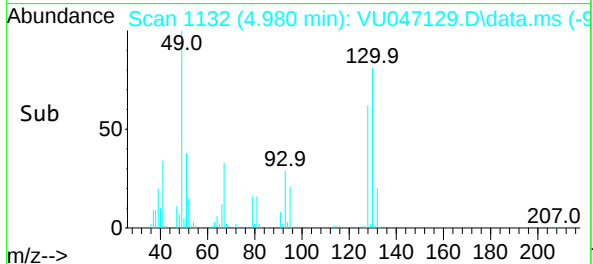
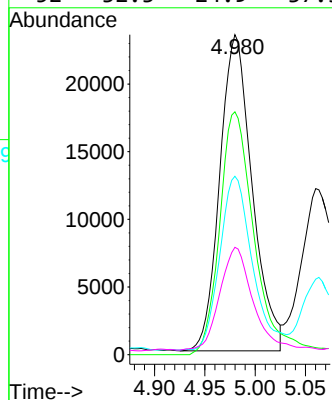
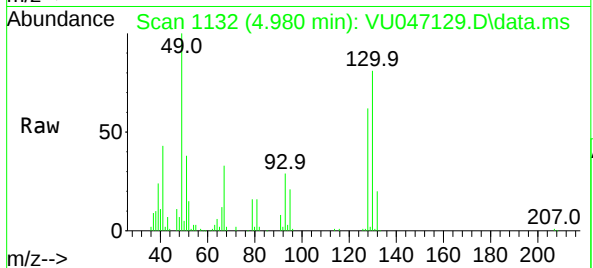
Tgt Ion:	41	Resp:	52379
Ion Ratio	Lower	Upper	
41	100		
67	83.2	65.2	97.8
39	55.4	43.0	64.6
52	32.3	24.9	37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#40

Methyl acrylate

Concen: 10.331 ug/l

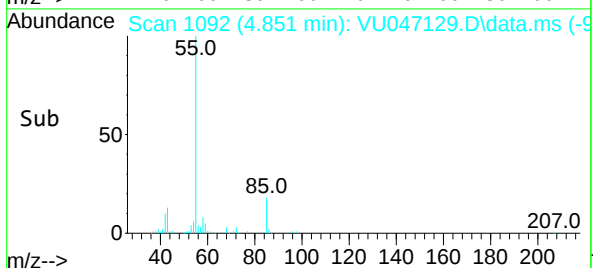
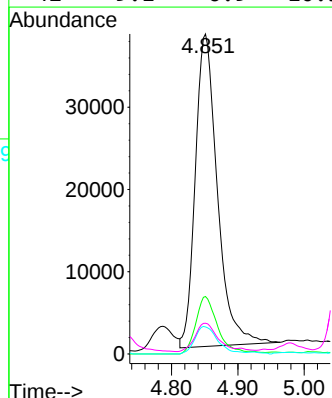
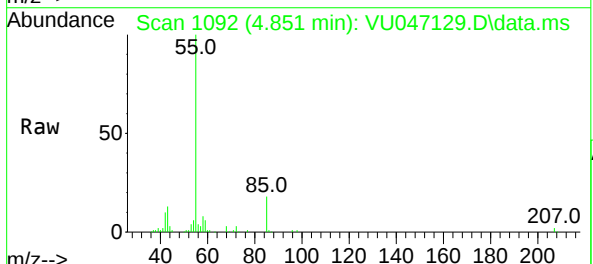
RT: 4.851 min Scan# 1092

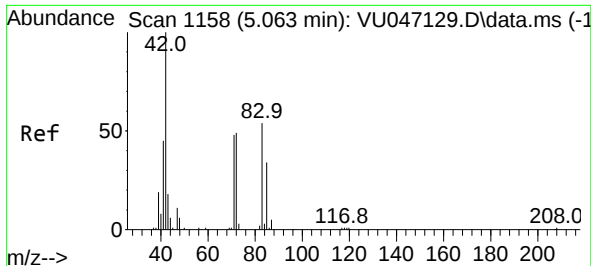
Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

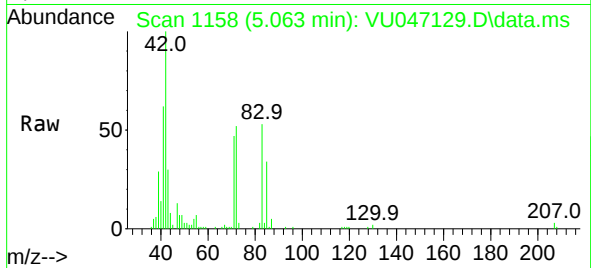
Tgt Ion:	55	Resp:	87931
Ion Ratio	Lower	Upper	
55	100		
85	17.9	12.2	18.2
58	9.1	6.7	10.1
42	9.1	6.9	10.3





#41
Tetrahydrofuran
Concen: 15.147 ug/l
RT: 5.063 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

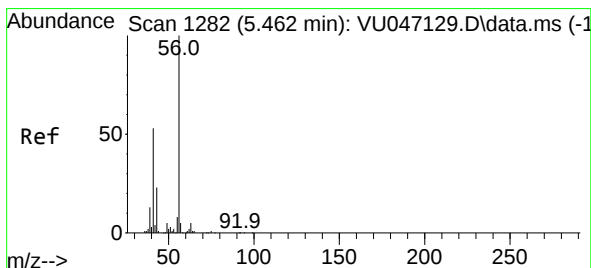
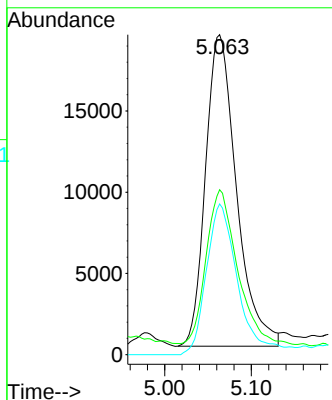
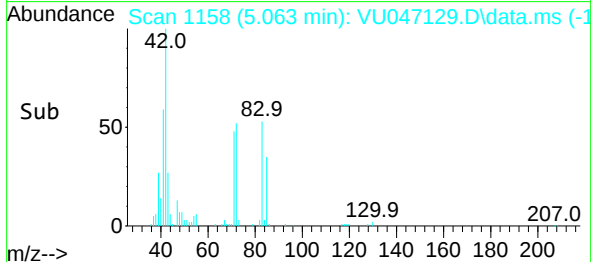
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



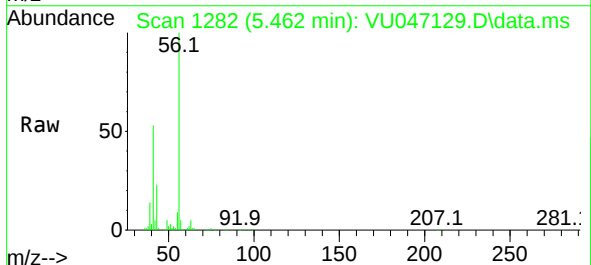
Tgt Ion: 42 Resp: 47658
Ion Ratio Lower Upper
42 100
72 49.9 42.4 63.6
71 48.8 36.4 54.6

Manual Integrations
APPROVED

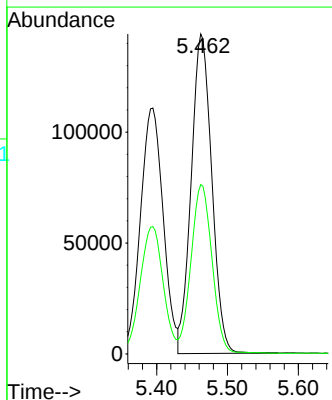
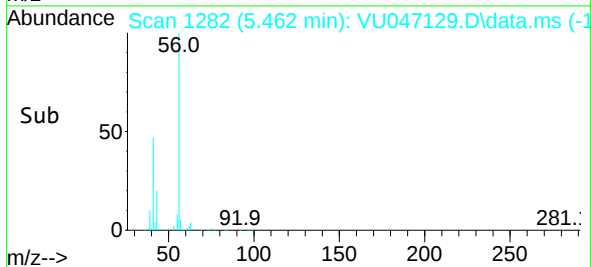
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

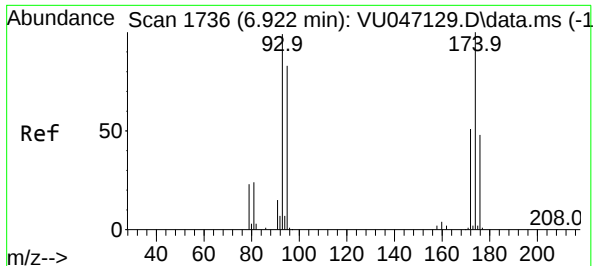


#42
1-Chlorobutane
Concen: 10.359 ug/l
RT: 5.462 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09



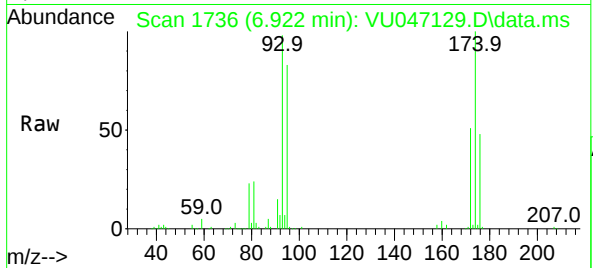
Tgt Ion: 56 Resp: 289386
Ion Ratio Lower Upper
56 100
41 53.9 26.0 78.0





#43
Dibromomethane
Concen: 10.152 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

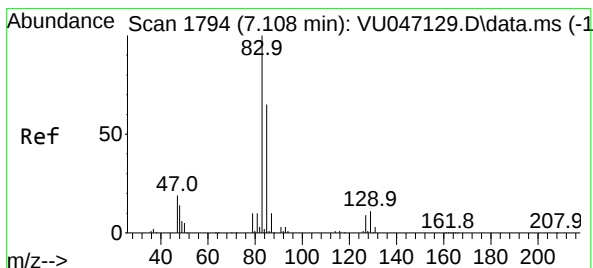
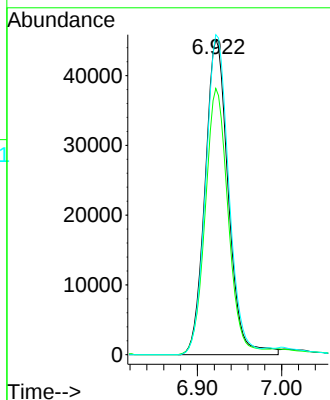
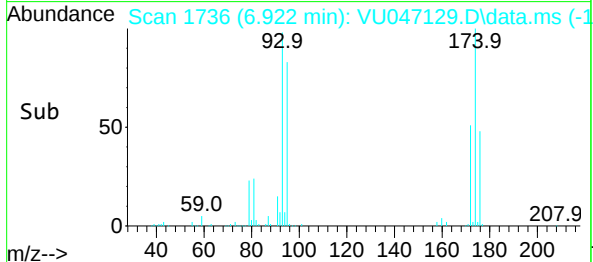
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



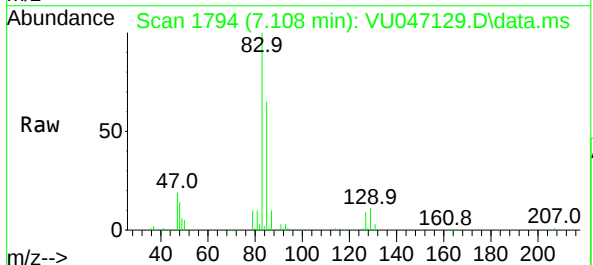
Tgt Ion: 93 Resp: 8656
Ion Ratio Lower Upper
93 100
95 83.5 66.2 99.2
174 100.9 70.7 106.1

Manual Integrations
APPROVED

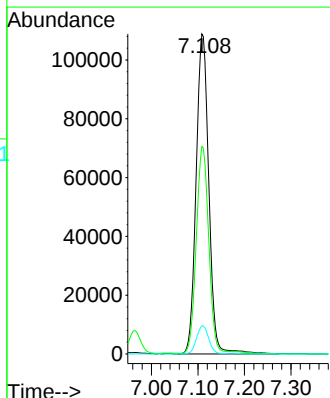
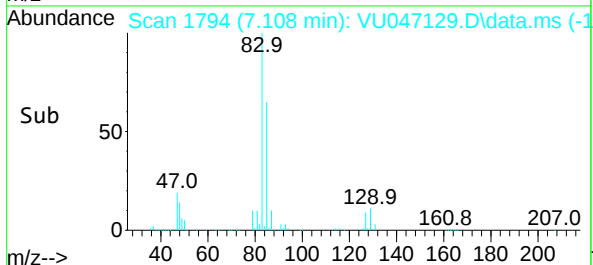
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

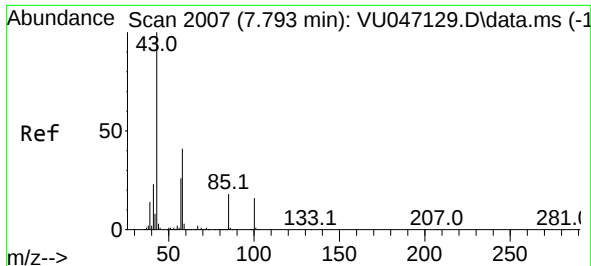


#44
Bromodichloromethane
Concen: 10.205 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09



Tgt Ion: 83 Resp: 206273
Ion Ratio Lower Upper
83 100
85 64.9 50.9 76.3
127 8.8 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 56.497 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 59311

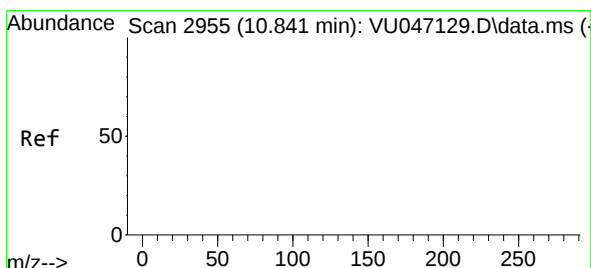
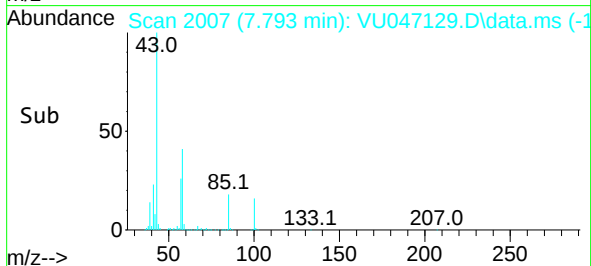
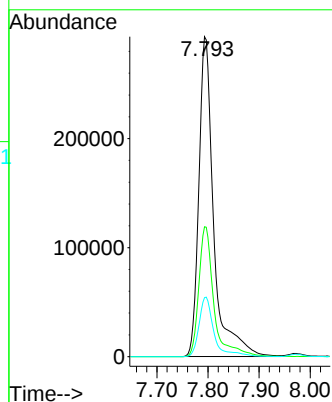
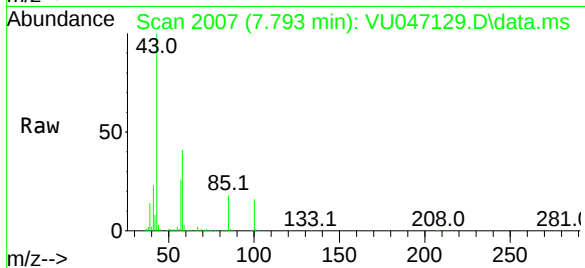
Ion	Ratio	Lower	Upper
43	100		
58	41.3	21.0	63.0
85	18.9	14.8	22.2

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: 20.119 ug/l m

RT: 10.841 min Scan# 2955

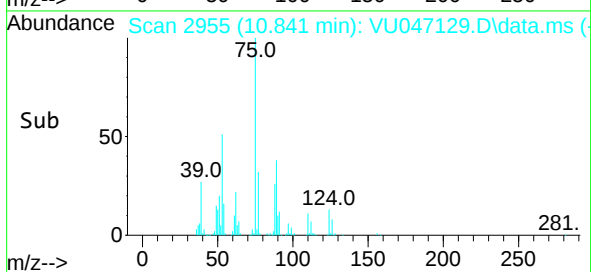
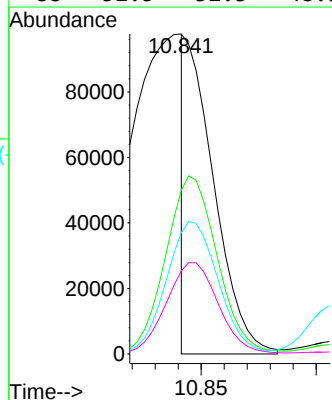
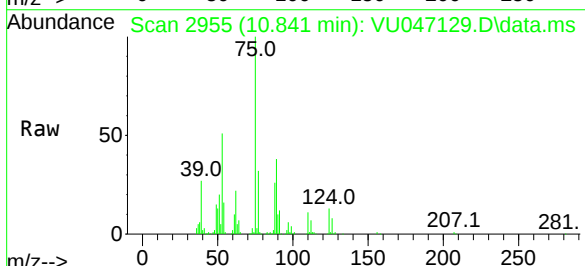
Delta R.T. 0.000 min

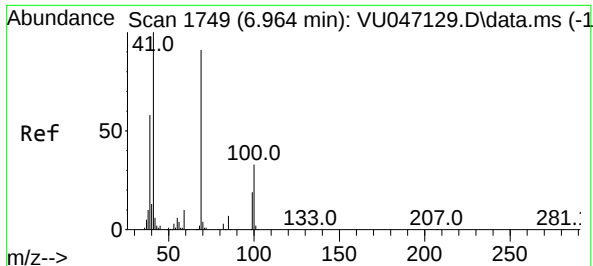
Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

Tgt Ion: 75 Resp: 84070

Ion	Ratio	Lower	Upper
75	100		
53	101.5	66.8	100.2#
89	75.8	41.7	62.5#
88	52.5	32.3	48.5#





#47

Methyl methacrylate

Concen: 23.313 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 69 Resp: 17575

Ion Ratio Lower Upper

69 100

41 109.5 0.0 230.0

39 63.1 55.1 82.7

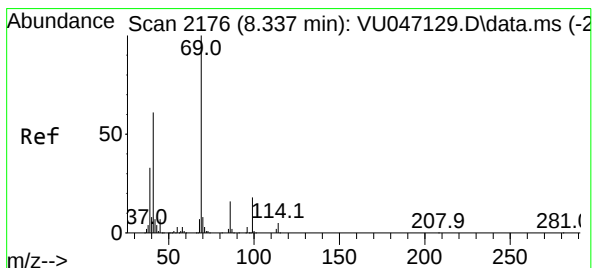
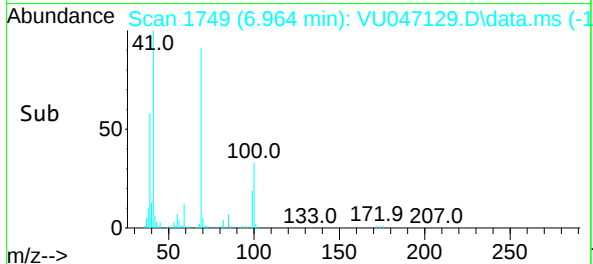
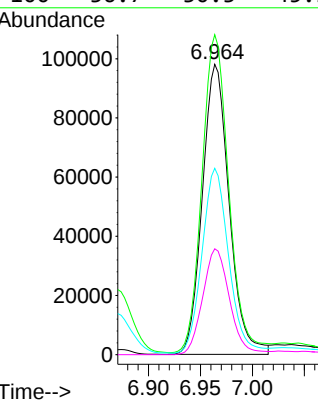
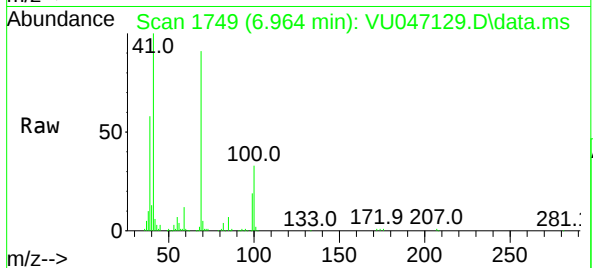
100 36.7 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#48

Ethyl methacrylate

Concen: 13.915 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU047129.D

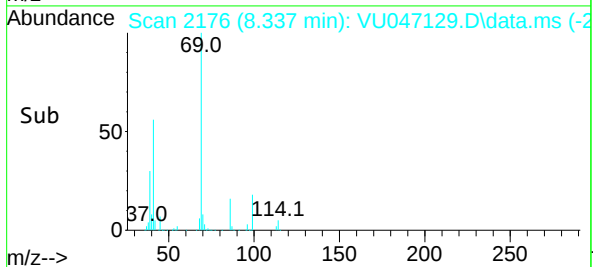
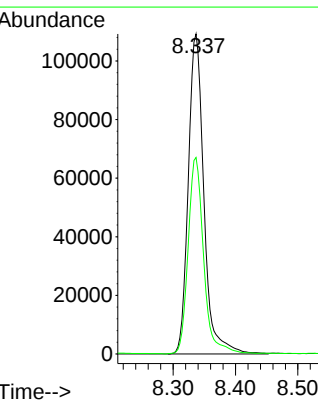
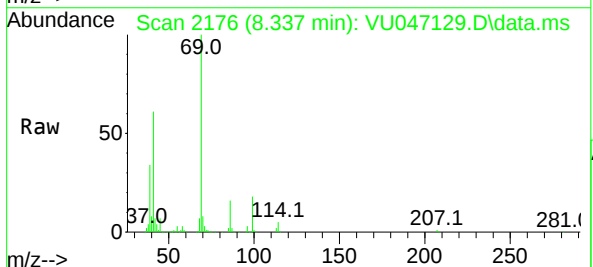
Acq: 14 Feb 2022 12:09

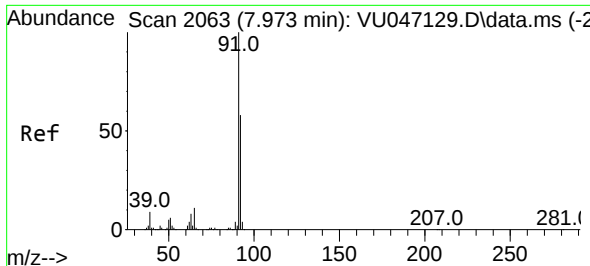
Tgt Ion: 69 Resp: 190150

Ion Ratio Lower Upper

69 100

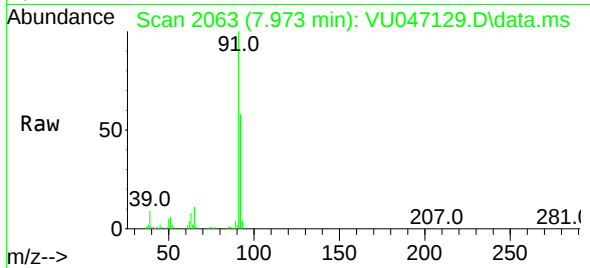
41 61.3 32.6 98.0





#49
Toluene
Concen: 11.337 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

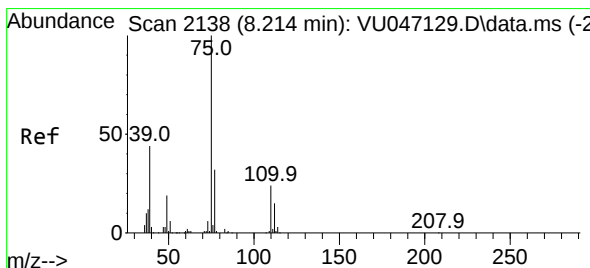
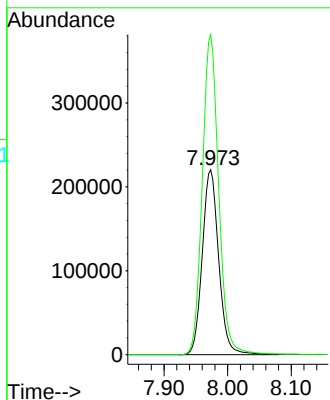
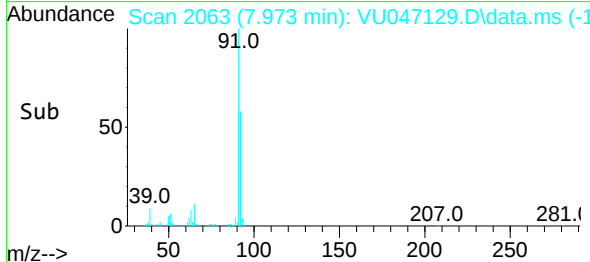
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 92 Resp: 395149
Ion Ratio Lower Upper
92 100
91 172.9 136.8 205.2

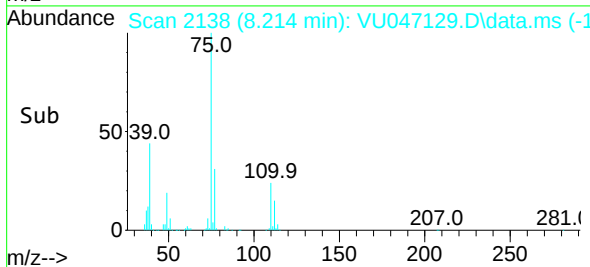
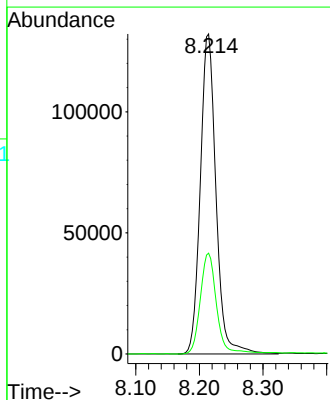
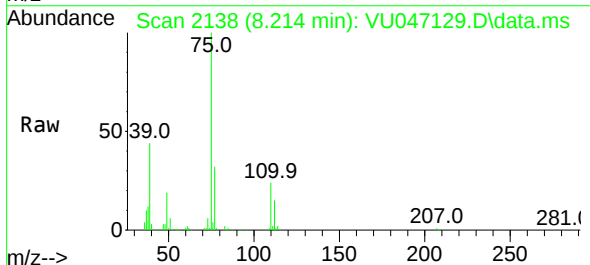
Manual Integrations
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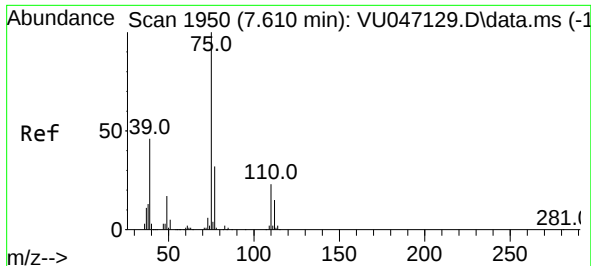
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#50
t-1,3-Dichloropropene
Concen: 12.776 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

Tgt Ion: 75 Resp: 226188
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4





#51

cis-1,3-Dichloropropene

Concen: 12.459 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 75 Resp: 252862

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

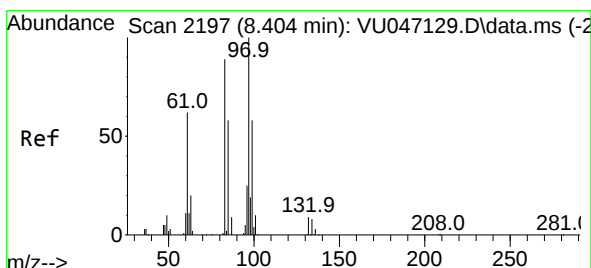
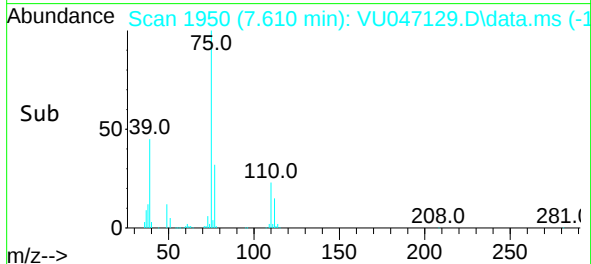
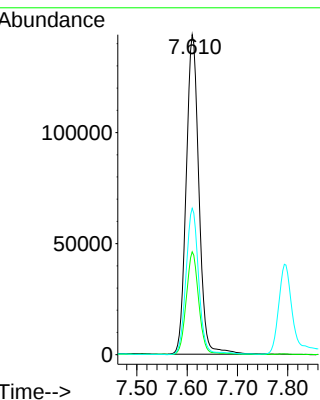
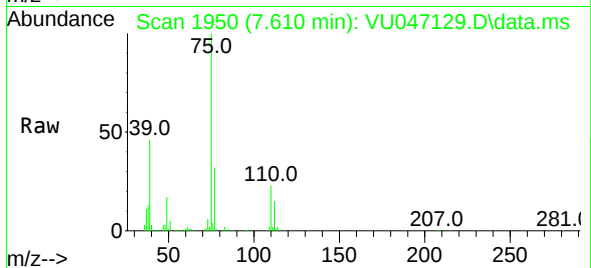
39 45.8 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#52

1,1,2-Trichloroethane

Concen: 10.057 ug/l

RT: 8.404 min Scan# 2197

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

Tgt Ion: 97 Resp: 122346

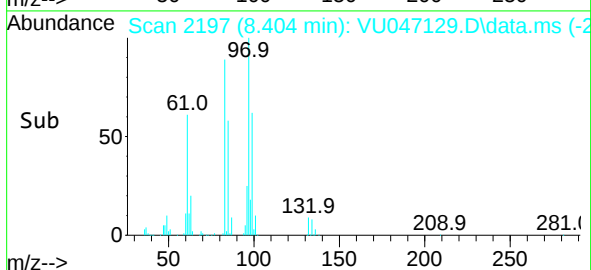
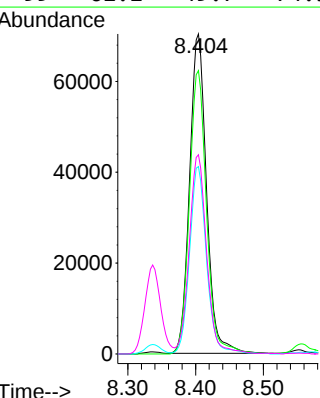
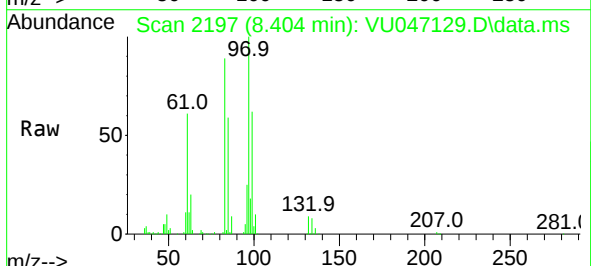
Ion Ratio Lower Upper

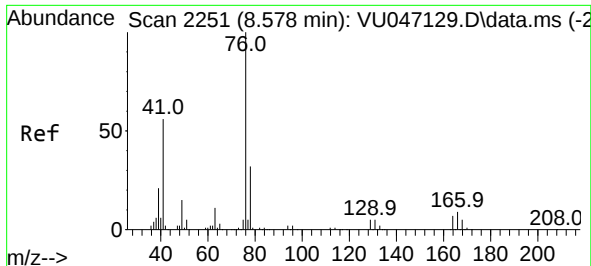
97 100

83 88.7 69.8 104.8

85 58.5 44.2 66.4

99 62.2 49.7 74.5





#53

1,3-Dichloropropane

Concen: 10.646 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 76 Resp: 22239

Ion Ratio Lower Upper

76 100

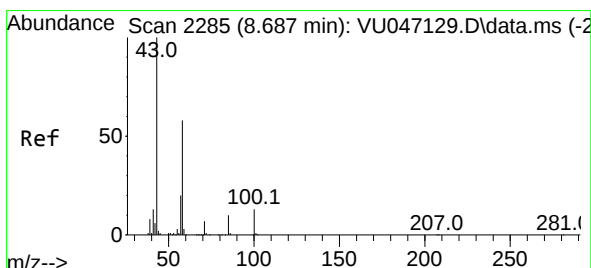
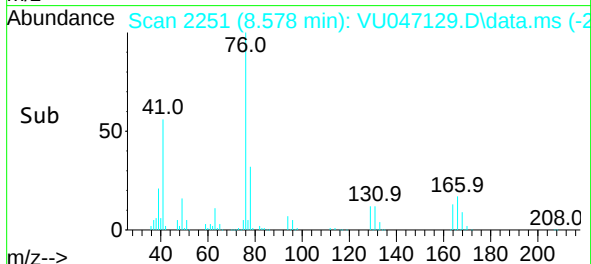
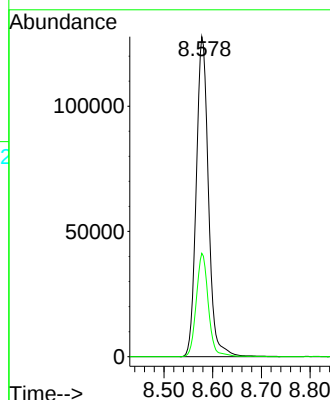
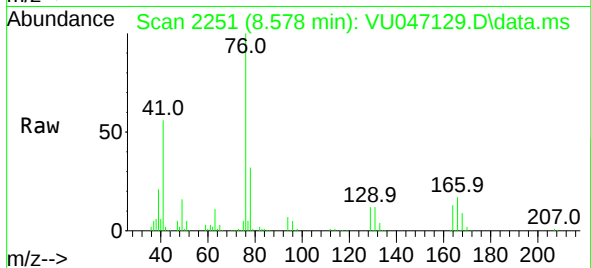
78 32.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#54

2-Hexanone

Concen: 56.996 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

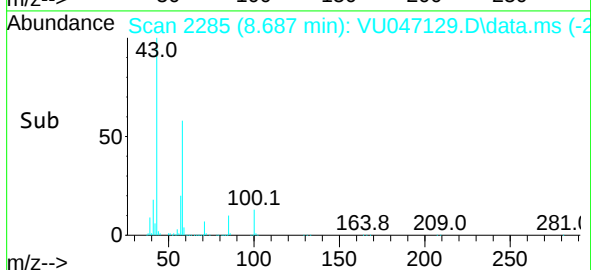
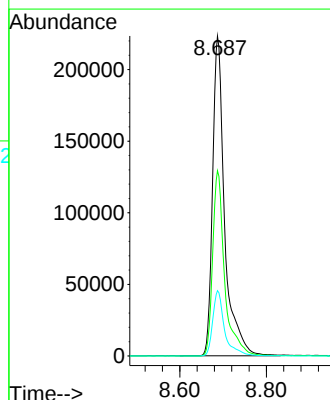
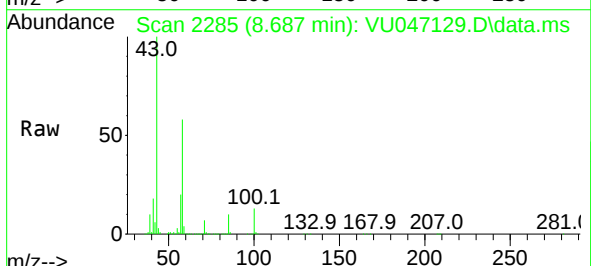
Tgt Ion: 43 Resp: 431503

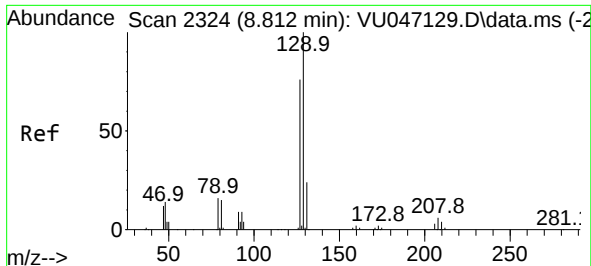
Ion Ratio Lower Upper

43 100

58 57.7 37.7 77.7

57 20.2 0.5 40.5





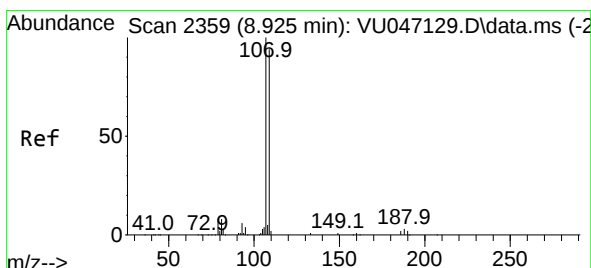
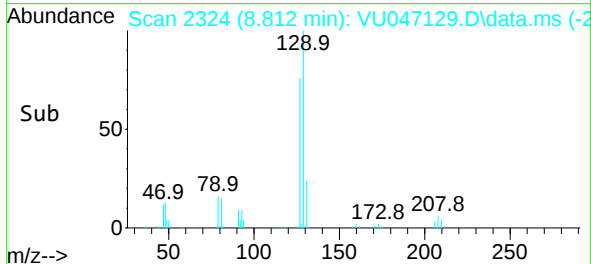
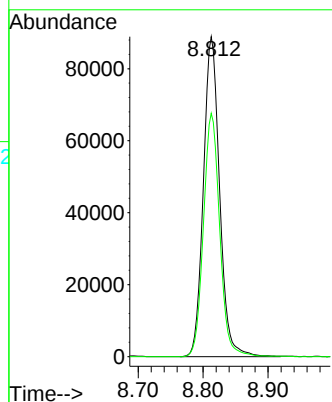
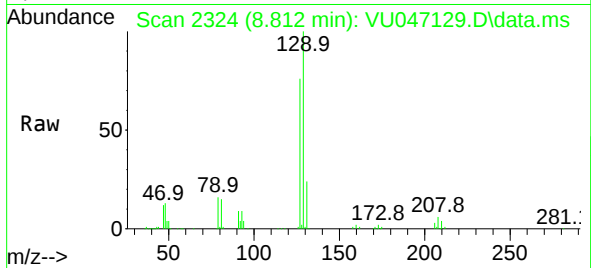
#55
 Dibromochloromethane
 Concen: 11.208 ug/l
 RT: 8.812 min Scan# 2324
 Delta R.T. 0.000 min
 Lab File: VU047129.D
 Acq: 14 Feb 2022 12:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion:129 Resp: 154879
 Ion Ratio Lower Upper
 129 100
 127 76.2 62.2 93.4

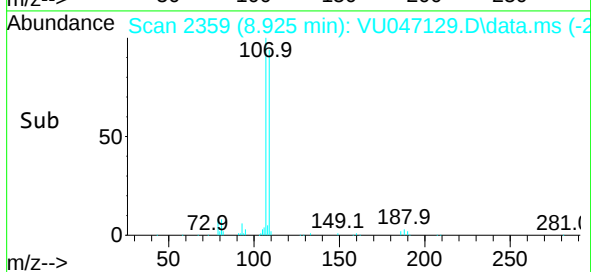
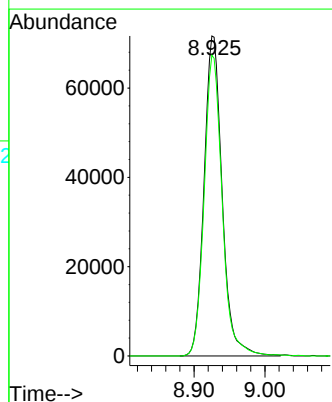
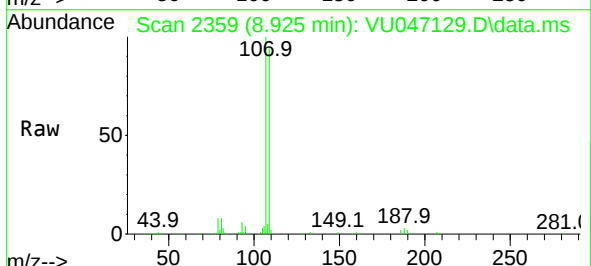
Manual Integrations
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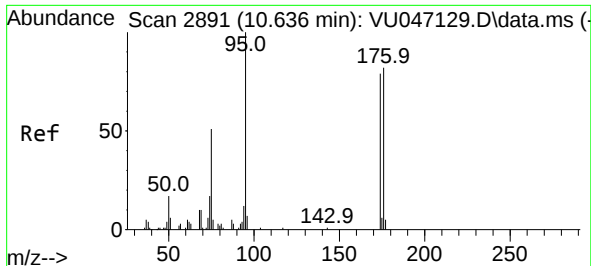
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022



#56
 1,2-Dibromoethane
 Concen: 11.202 ug/l
 RT: 8.925 min Scan# 2359
 Delta R.T. 0.000 min
 Lab File: VU047129.D
 Acq: 14 Feb 2022 12:09

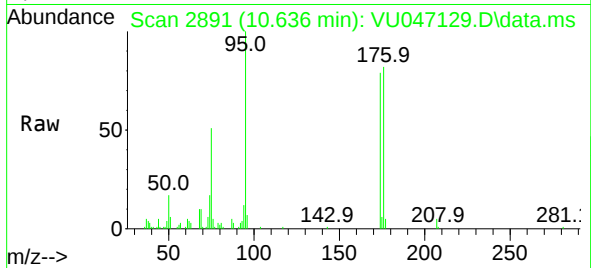
Tgt Ion:107 Resp: 126949
 Ion Ratio Lower Upper
 107 100
 109 93.7 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 1.155 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

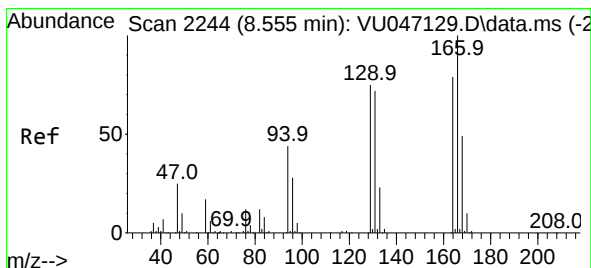
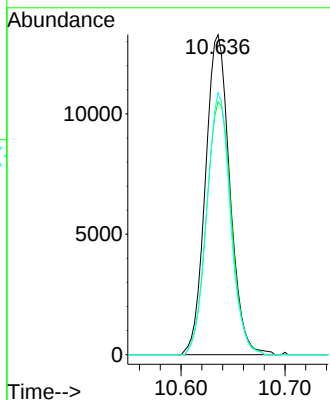
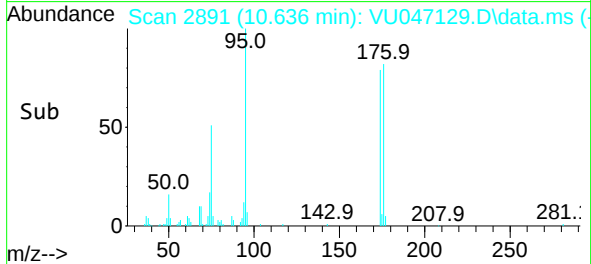
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 95 Resp: 21650
Ion Ratio Lower Upper
95 100
174 80.7 56.6 84.8
176 79.4 54.3 81.5

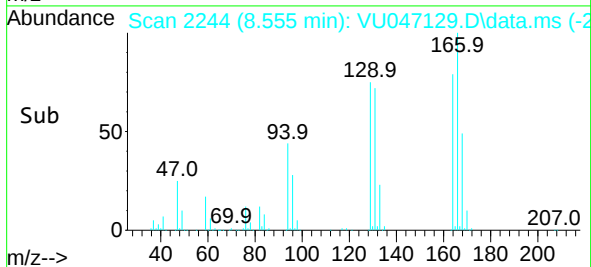
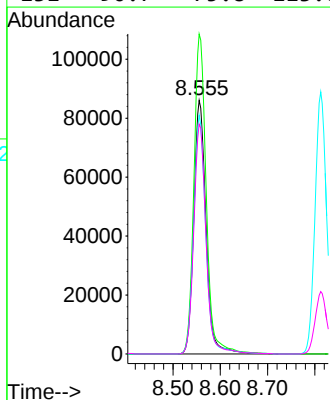
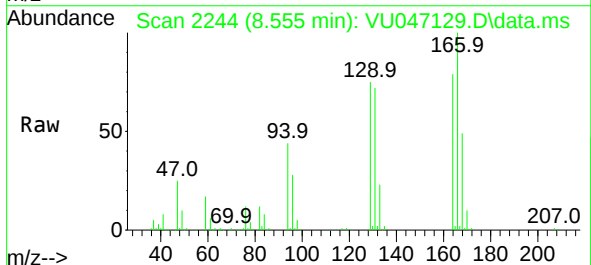
Manual Integrations
APPROVED

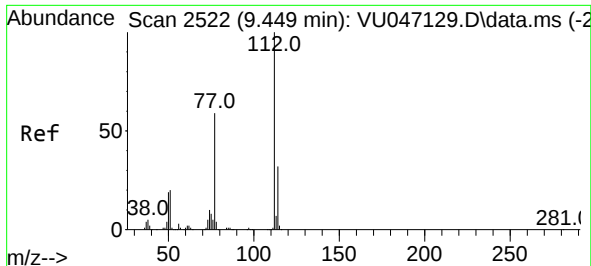
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#58
Tetrachloroethene
Concen: 11.296 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

Tgt Ion:164 Resp: 155083
Ion Ratio Lower Upper
164 100
166 126.2 102.0 153.0
129 94.1 77.1 115.7
131 90.7 75.8 113.6





#59

Chlorobenzene

Concen: 11.662 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:112 Resp: 43601

Ion Ratio Lower Upper

112 100

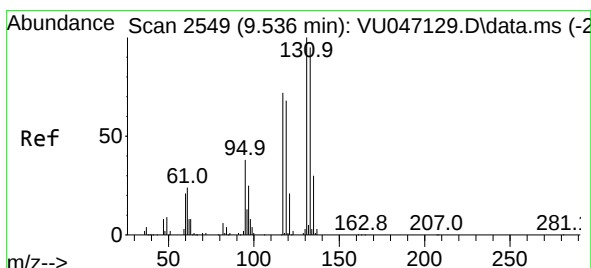
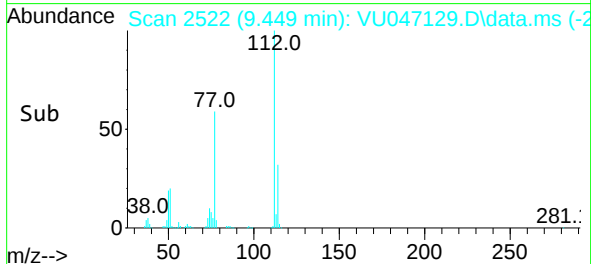
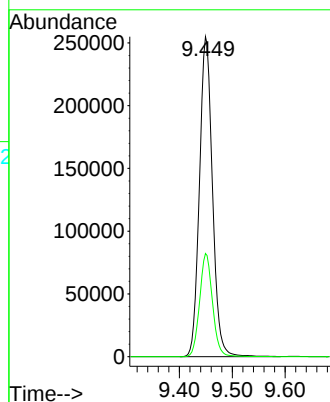
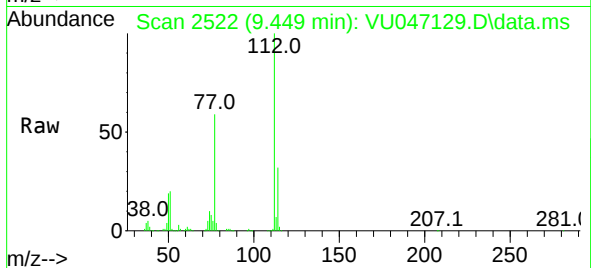
114 32.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 10.993 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

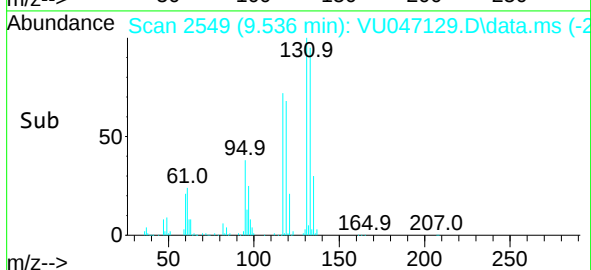
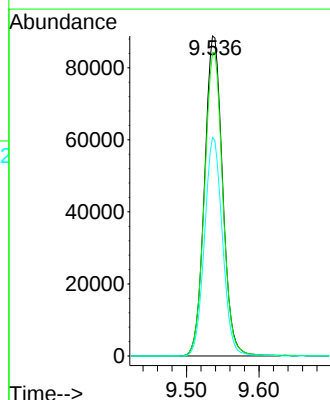
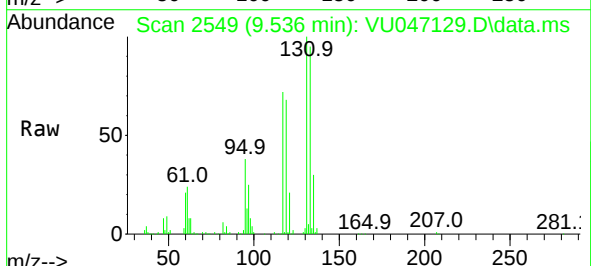
Tgt Ion:131 Resp: 153496

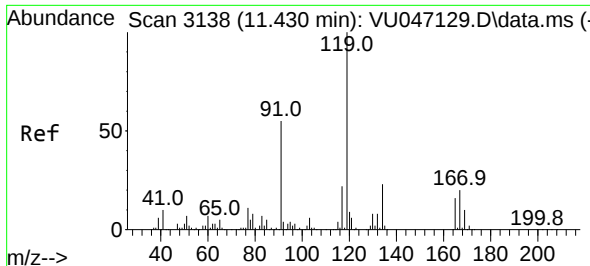
Ion Ratio Lower Upper

131 100

133 96.0 76.0 114.0

119 67.9 54.9 82.3





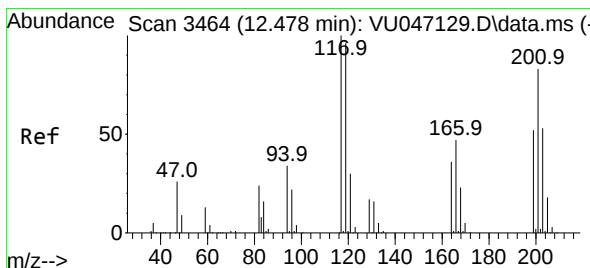
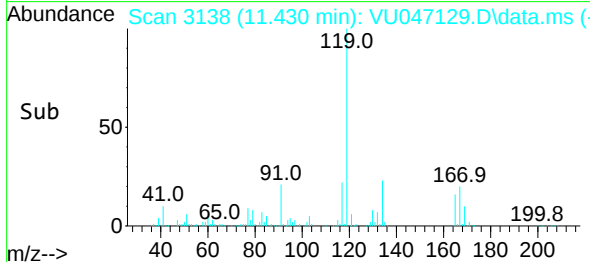
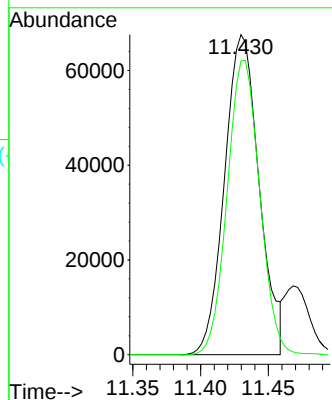
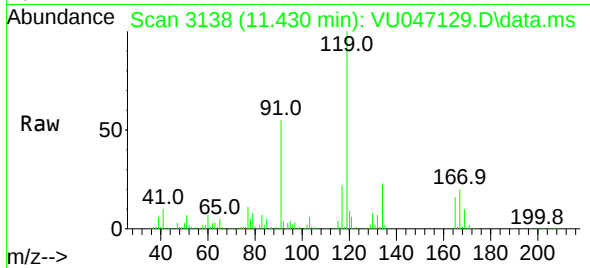
#61
 Pentachloroethane
 Concen: 10.396 ug/l
 RT: 11.430 min Scan# 3138
 Delta R.T. 0.000 min
 Lab File: VU047129.D
 Acq: 14 Feb 2022 12:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion:117 Resp: 11996
 Ion Ratio Lower Upper
 117 100
 167 86.3 59.7 89.5

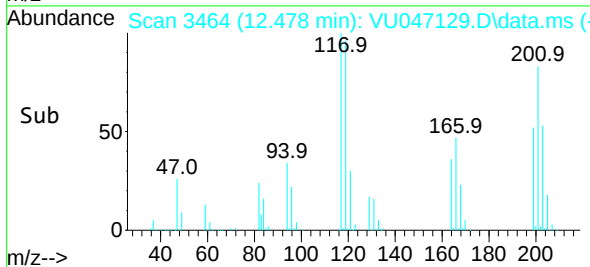
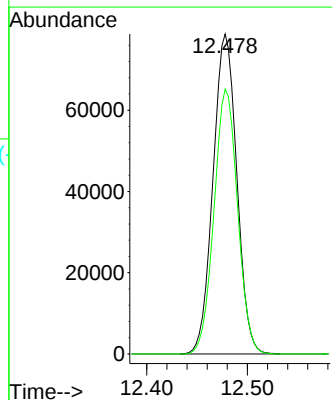
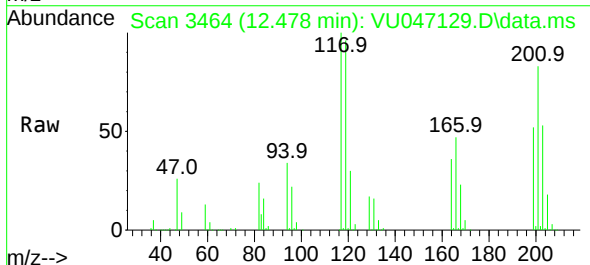
Manual Integrations
 APPROVED

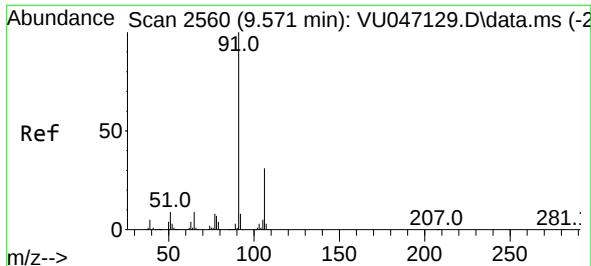
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022



#62
 Hexachloroethane
 Concen: 11.592 ug/l
 RT: 12.478 min Scan# 3464
 Delta R.T. 0.000 min
 Lab File: VU047129.D
 Acq: 14 Feb 2022 12:09

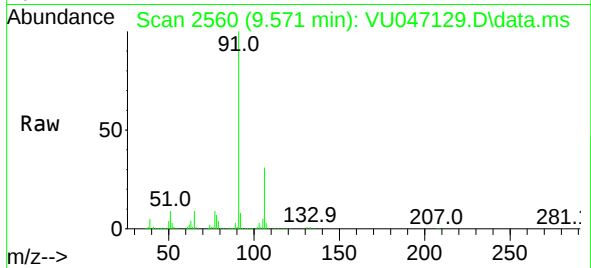
Tgt Ion:117 Resp: 129500
 Ion Ratio Lower Upper
 117 100
 201 82.0 53.6 80.4#





#63
Ethyl Benzene
Concen: 12.483 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

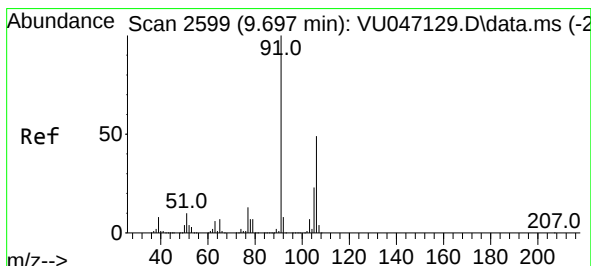
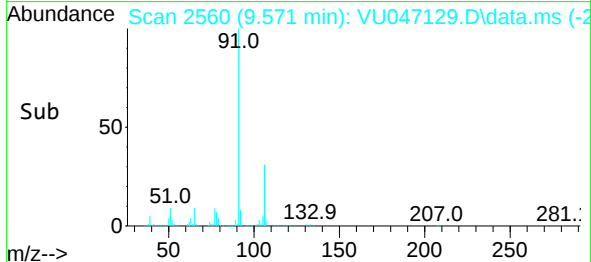
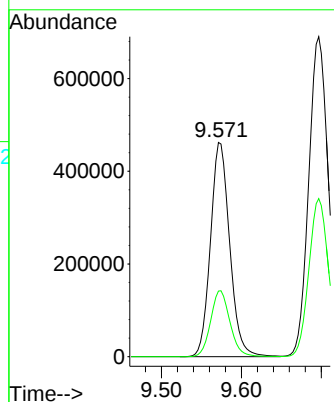
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 91 Resp: 772278
Ion Ratio Lower Upper
91 100
106 30.6 24.4 36.6

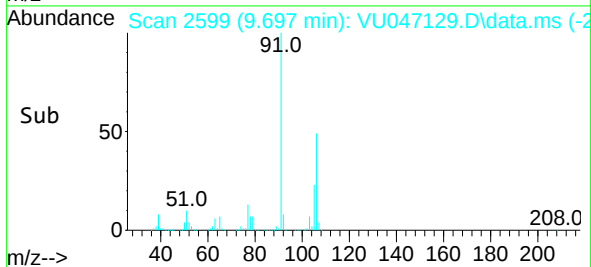
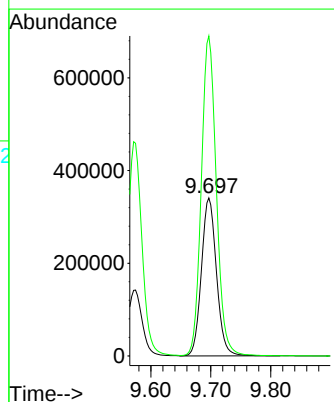
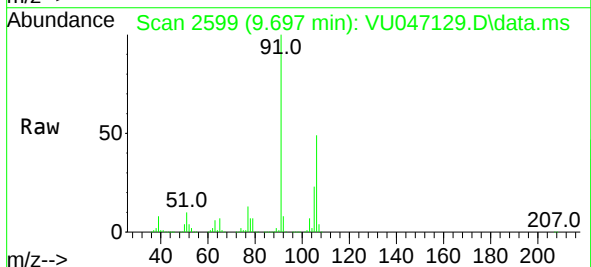
Manual Integrations
APPROVED

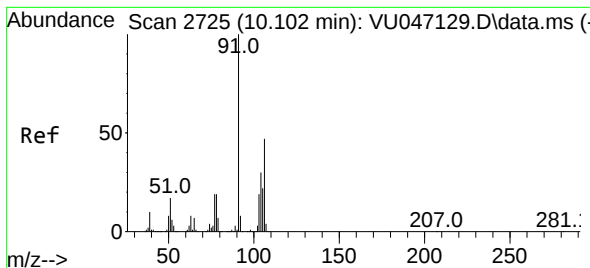
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#64
m/p-Xylenes
Concen: 24.566 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

Tgt Ion:106 Resp: 595001
Ion Ratio Lower Upper
106 100
91 202.3 165.5 248.3





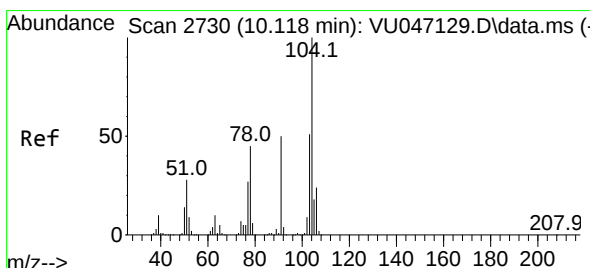
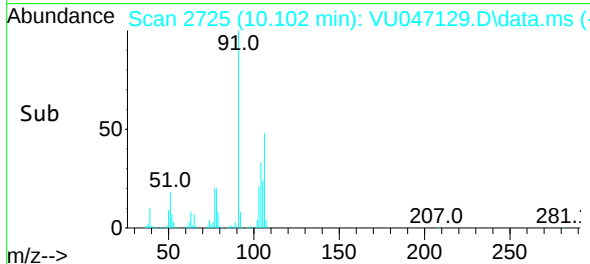
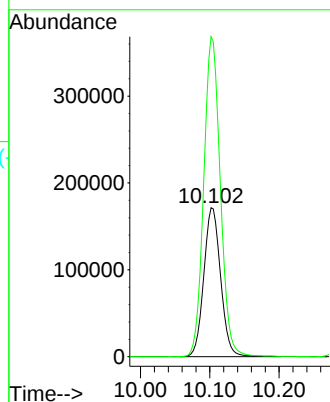
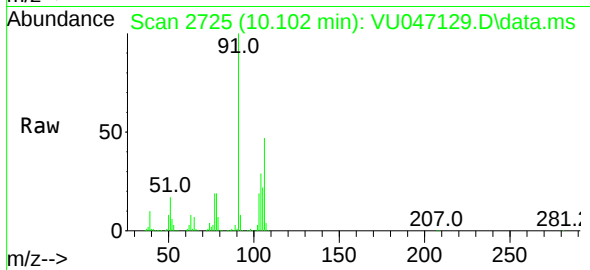
#65
o-Xylene
Concen: 12.419 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:106 Resp: 288504
Ion Ratio Lower Upper
106 100
91 212.8 109.4 328.2

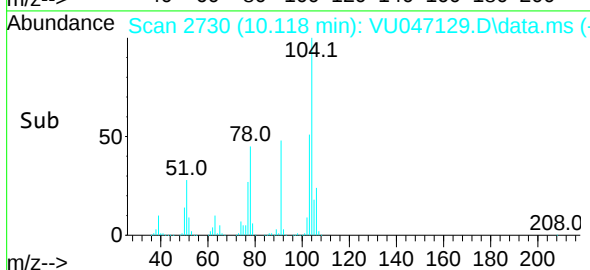
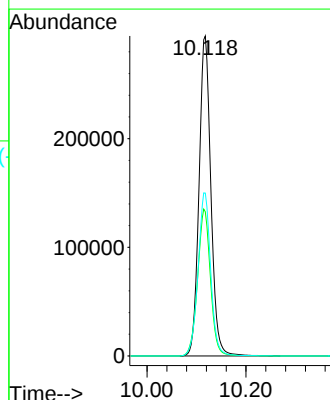
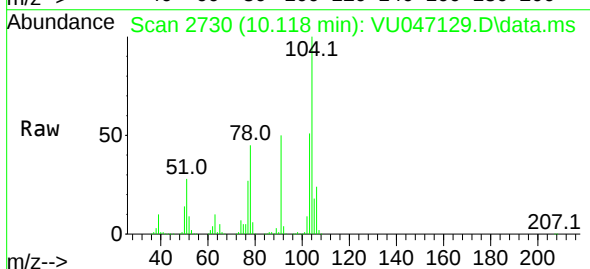
Manual Integrations
APPROVED

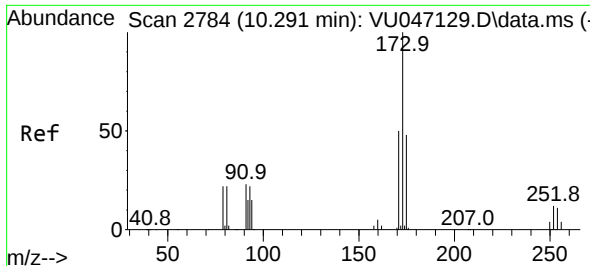
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#66
Styrene
Concen: 12.564 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

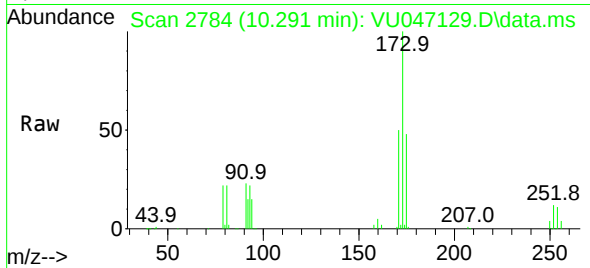
Tgt Ion:104 Resp: 492748
Ion Ratio Lower Upper
104 100
78 49.4 42.4 63.6
103 54.4 44.2 66.4





#67
Bromoform
Concen: 11.702 ug/l
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

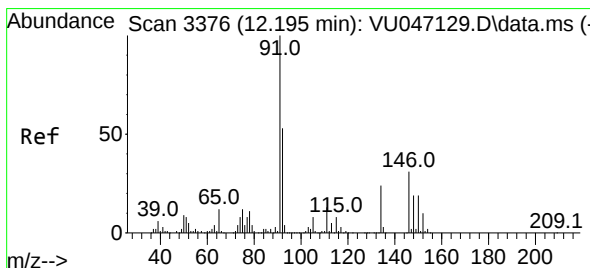
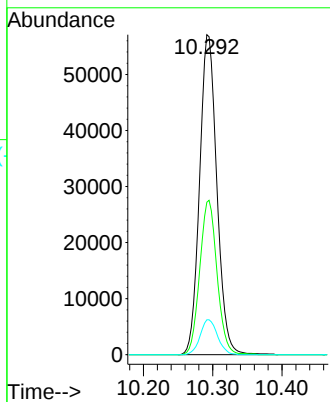
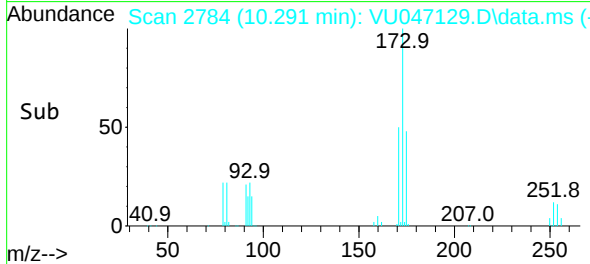
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



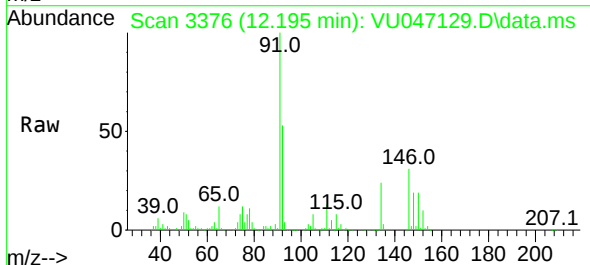
Tgt Ion:173 Resp: 9884
Ion Ratio Lower Upper
173 100
175 48.2 39.0 58.4
254 11.0 5.5 8.3

Manual Integrations
APPROVED

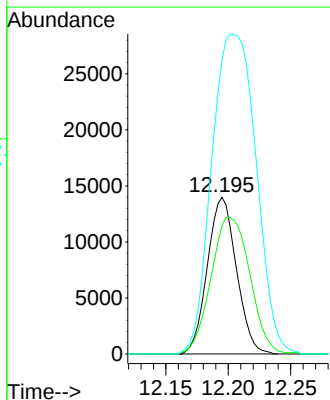
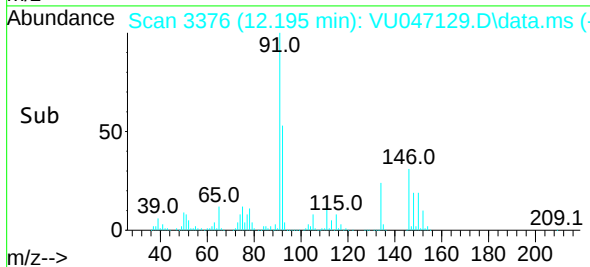
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

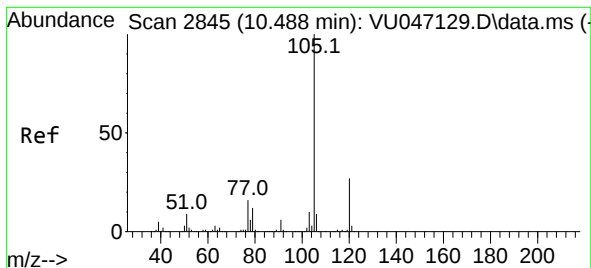


#68
1,2-Dichlorobenzene-d4
Concen: 1.056 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09



Tgt Ion:152 Resp: 22657
Ion Ratio Lower Upper
152 100
115 116.9 0.0 251.0
150 312.1 0.0 613.8





#69

Isopropylbenzene

Concen: 12.724 ug/l

RT: 10.488 min Scan# 2845

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 76956

Ion Ratio Lower Upper

105 100

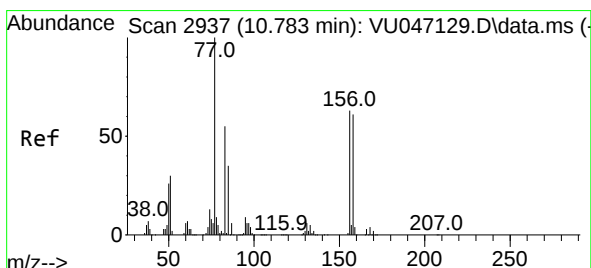
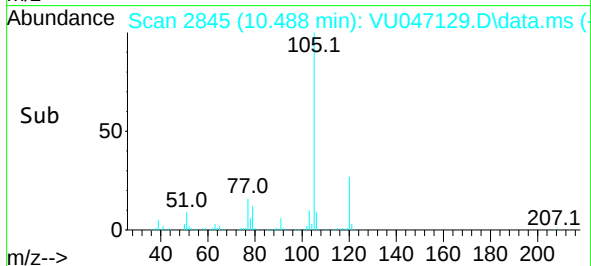
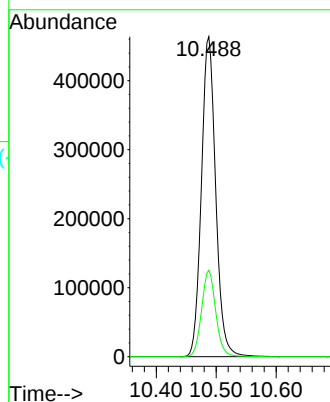
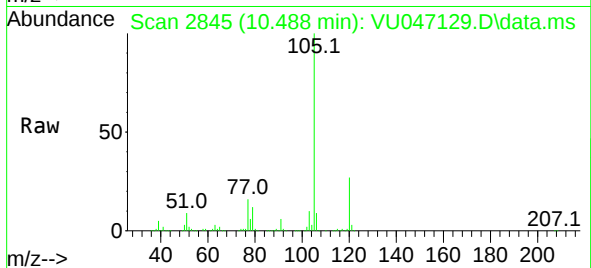
120 26.8 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#70

1,1,2,2-Tetrachloroethane

Concen: 10.349 ug/l

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

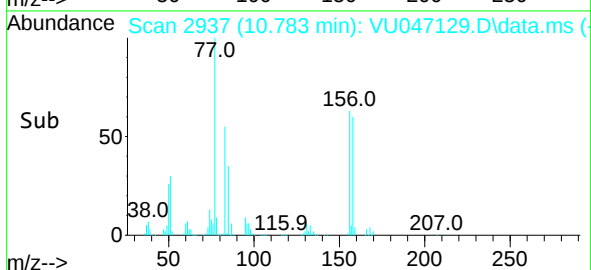
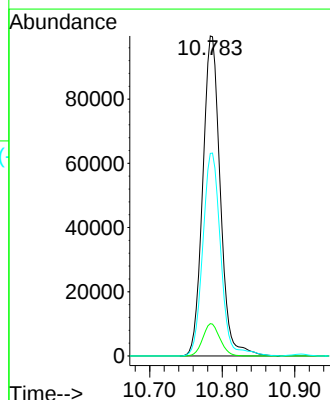
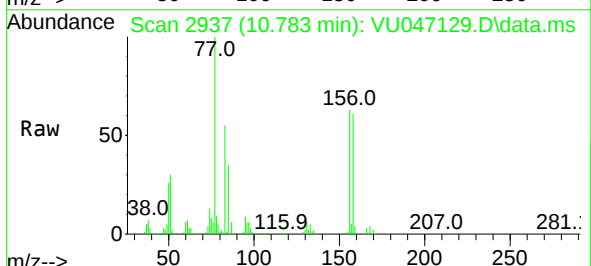
Tgt Ion: 83 Resp: 167170

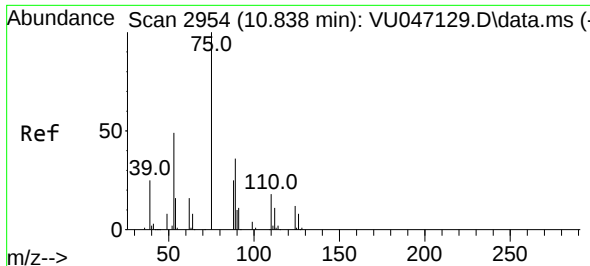
Ion Ratio Lower Upper

83 100

131 9.9 7.6 11.4

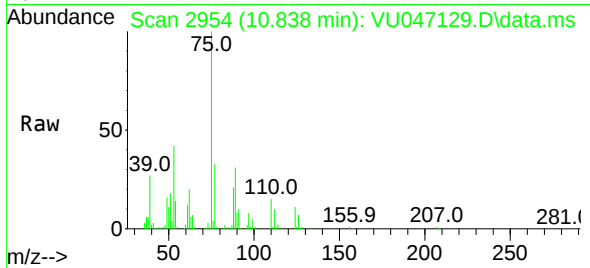
85 64.8 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 11.738 ug/l m
RT: 10.838 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

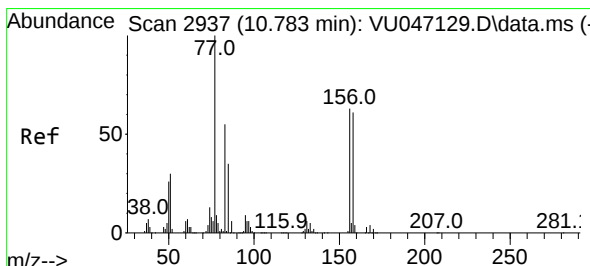
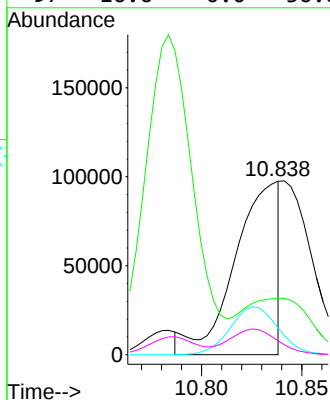
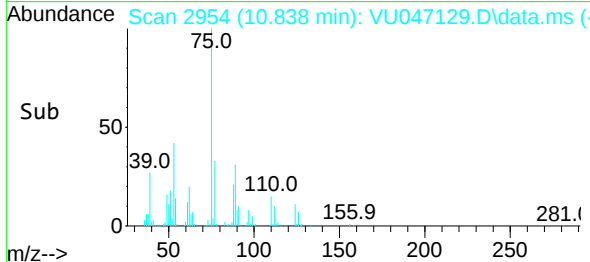
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



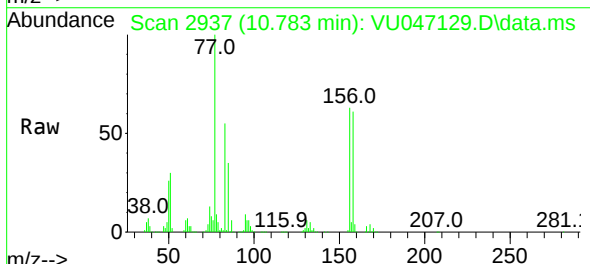
Tgt Ion: 75 Resp: 14905
Ion Ratio Lower Upper
75 100
77 48.7 0.0 105.6
110 30.5 0.0 71.2
97 16.6 0.0 36.8

Manual Integrations
APPROVED

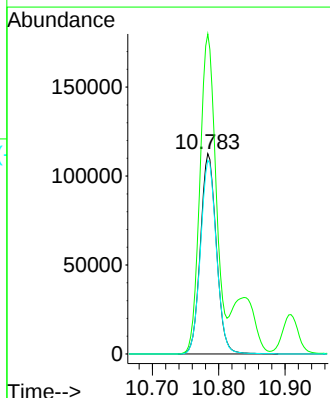
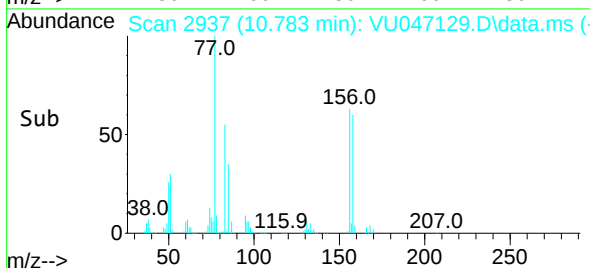
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

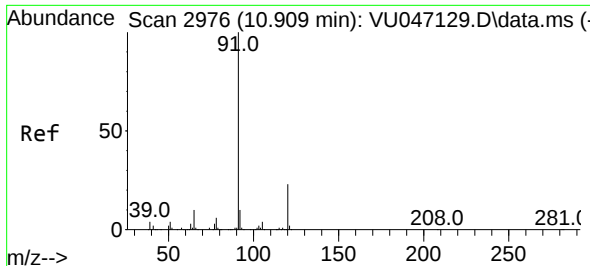


#72
Bromobenzene
Concen: 11.367 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09



Tgt Ion:156 Resp: 188158
Ion Ratio Lower Upper
156 100
77 160.3 0.0 370.6
158 97.1 0.0 193.4





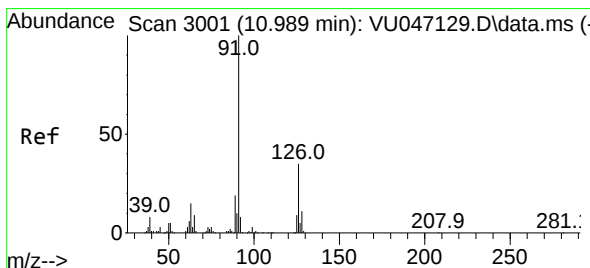
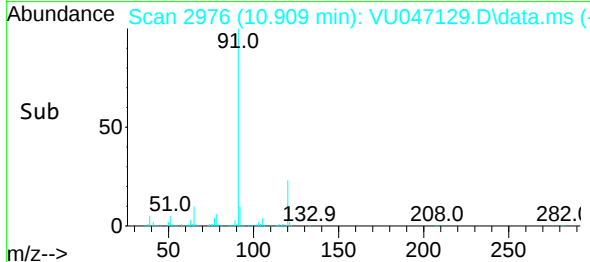
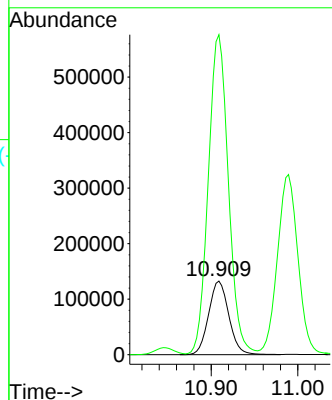
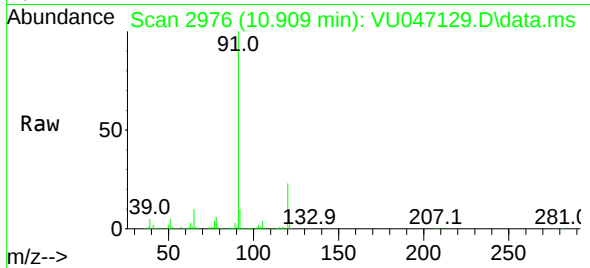
#73
n-propylbenzene
Concen: 12.775 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:120 Resp: 214880
Ion Ratio Lower Upper
120 100
91 433.6 370.7 556.1

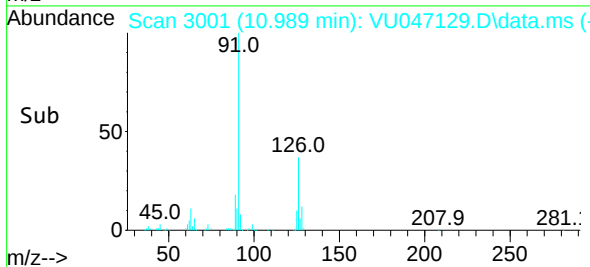
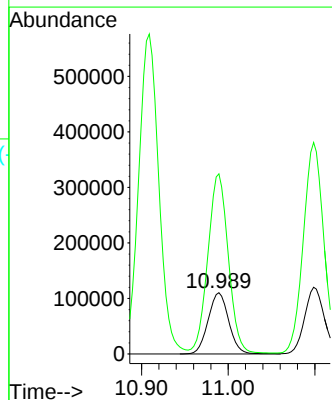
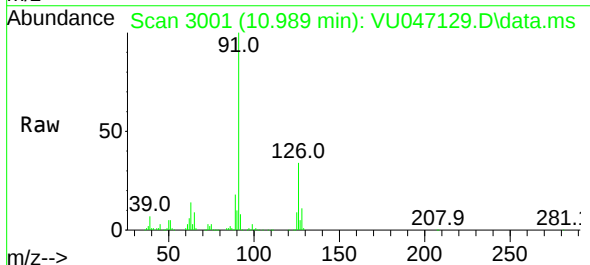
Manual Integrations
APPROVED

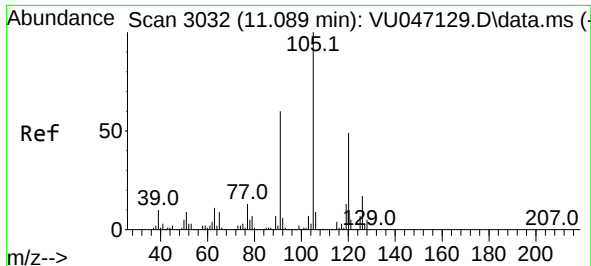
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#74
2-Chlorotoluene
Concen: 11.890 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

Tgt Ion:126 Resp: 182136
Ion Ratio Lower Upper
126 100
91 294.9 0.0 639.6





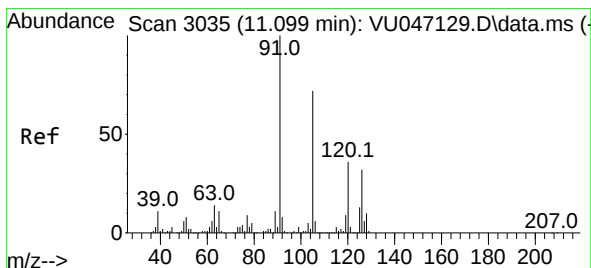
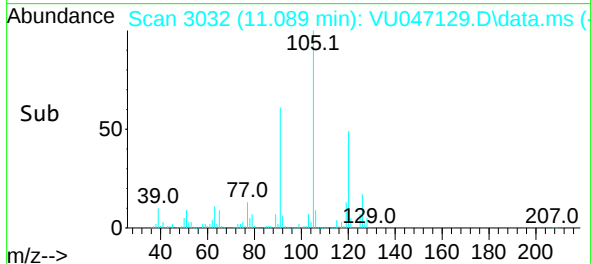
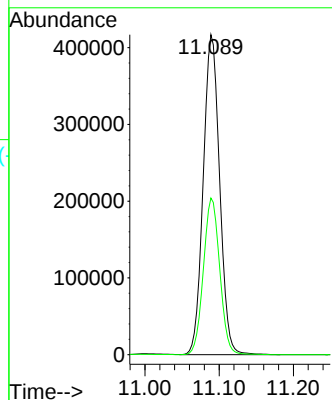
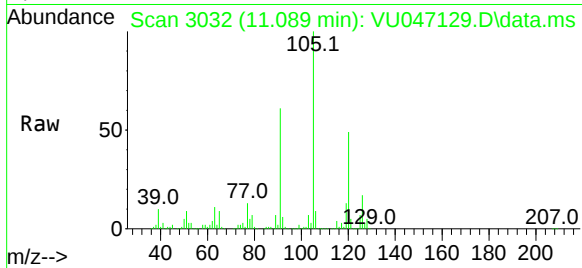
#75
1,3,5-Trimethylbenzene
Concen: 12.152 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 639100
Ion Ratio Lower Upper
105 100
120 48.7 38.6 58.0

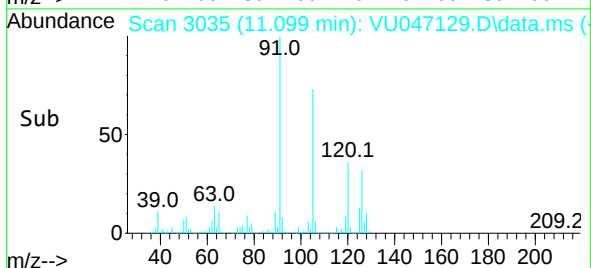
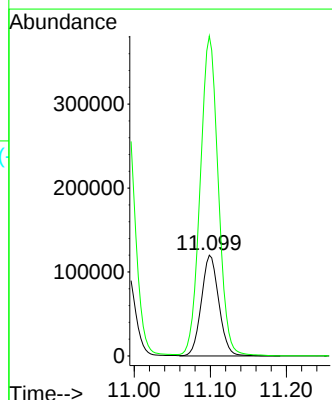
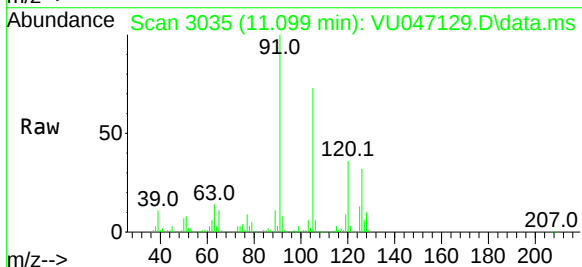
Manual Integrations
APPROVED

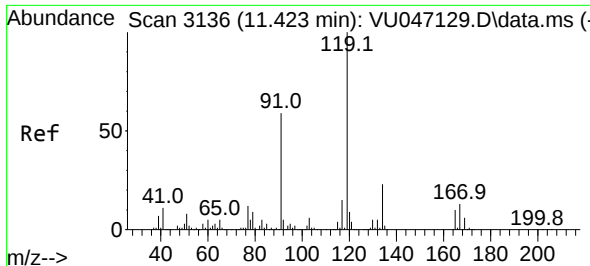
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#76
4-Chlorotoluene
Concen: 12.017 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

Tgt Ion:126 Resp: 191341
Ion Ratio Lower Upper
126 100
91 328.3 0.0 728.0





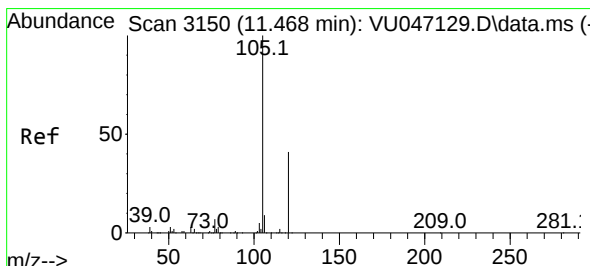
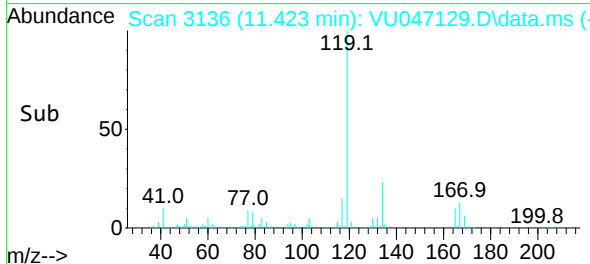
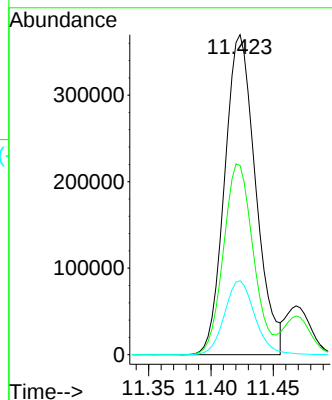
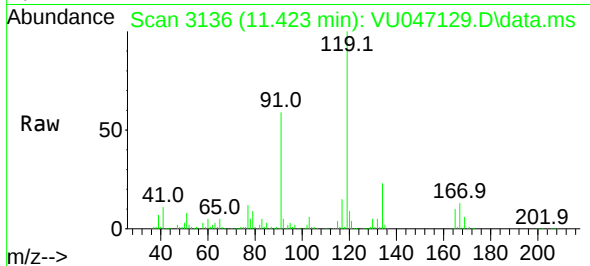
#77
 tert-Butylbenzene
 Concen: 12.366 ug/l
 RT: 11.423 min Scan# 3136
 Delta R.T. 0.000 min
 Lab File: VU047129.D
 Acq: 14 Feb 2022 12:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion:119 Resp: 640639
 Ion Ratio Lower Upper
 119 100
 91 57.6 31.4 94.3
 134 22.6 18.5 27.7

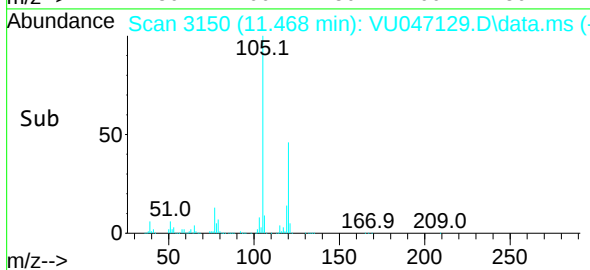
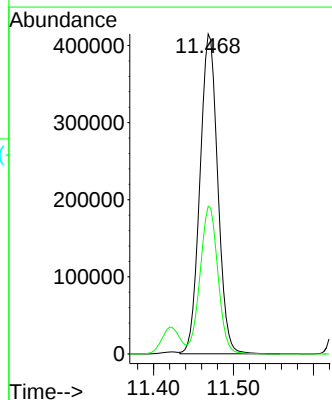
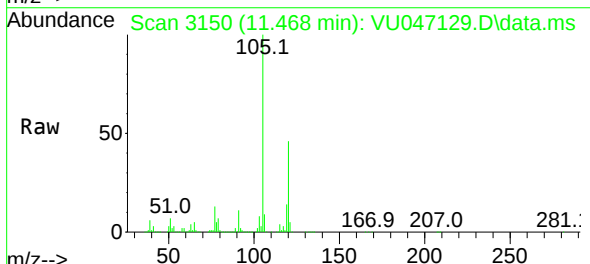
Manual Integrations
 APPROVED

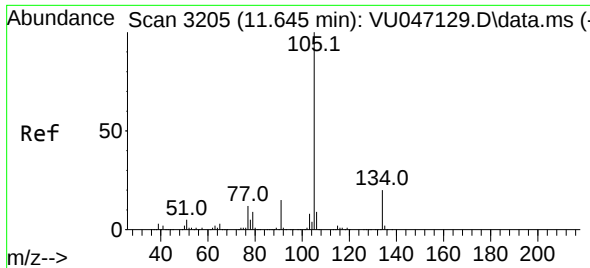
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022



#78
 1,2,4-Trimethylbenzene
 Concen: 12.014 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU047129.D
 Acq: 14 Feb 2022 12:09

Tgt Ion:105 Resp: 643444
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.3 66.8





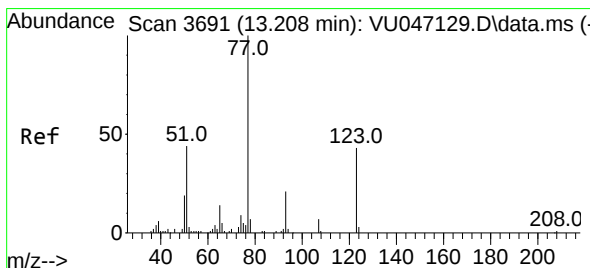
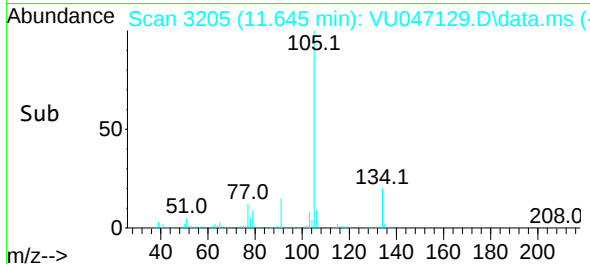
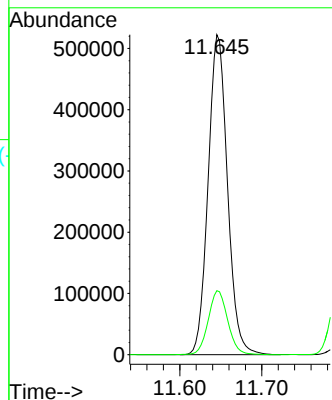
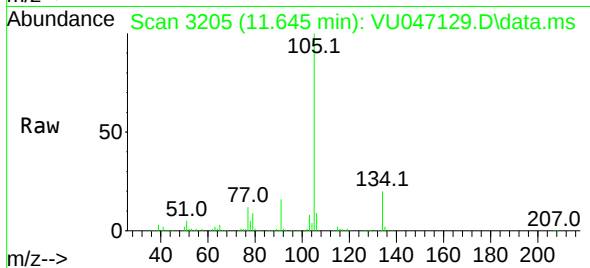
#79
 sec-Butylbenzene
 Concen: 12.296 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU047129.D
 Acq: 14 Feb 2022 12:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion:105 Resp: 856110
 Ion Ratio Lower Upper
 105 100
 134 20.2 15.4 23.0

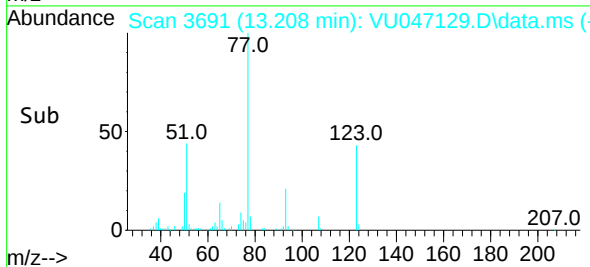
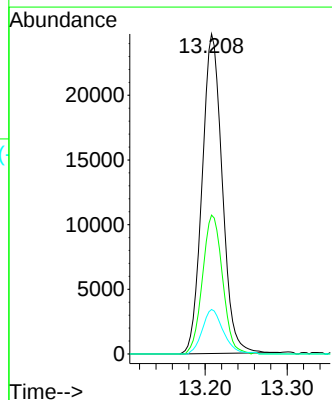
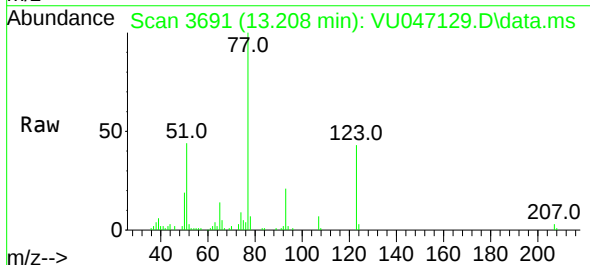
Manual Integrations
 APPROVED

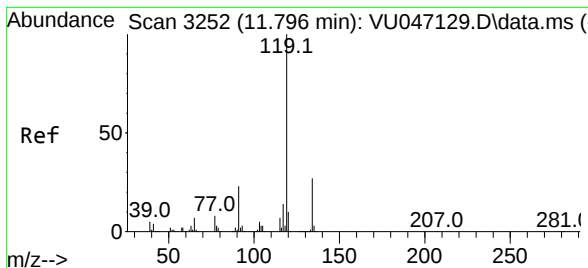
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022



#80
 Nitrobenzene
 Concen: 60.948 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. 0.000 min
 Lab File: VU047129.D
 Acq: 14 Feb 2022 12:09

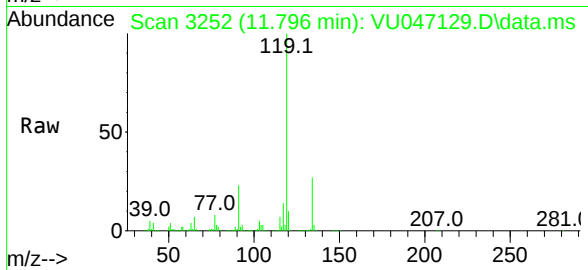
Tgt Ion: 77 Resp: 42015
 Ion Ratio Lower Upper
 77 100
 123 43.3 18.2 64.4
 65 14.6 12.0 15.2





#81
p-Isopropyltoluene
Concen: 12.492 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

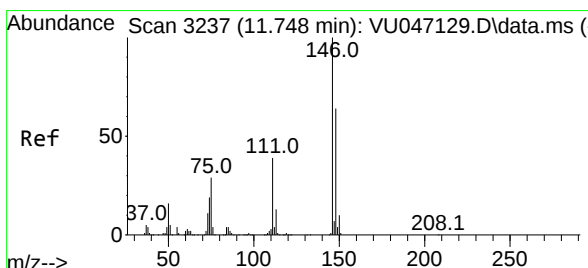
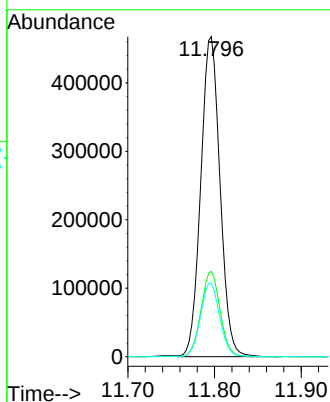
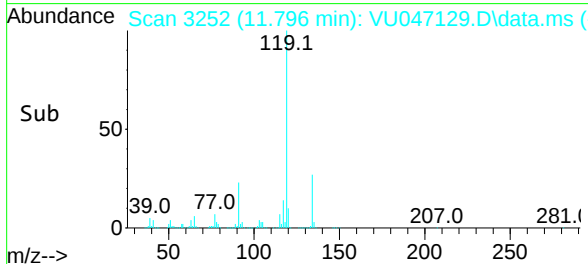
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



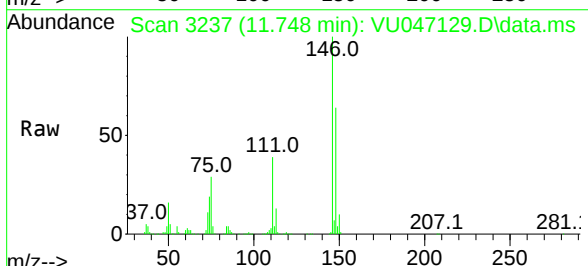
Tgt Ion:119 Resp: 719760
Ion Ratio Lower Upper
119 100
134 26.5 20.2 30.4
91 23.0 19.9 29.9

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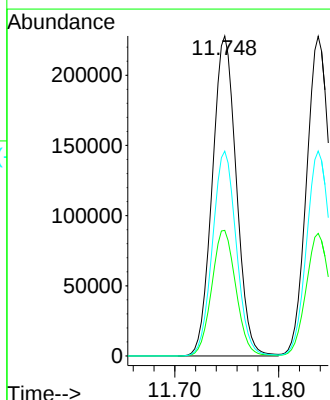
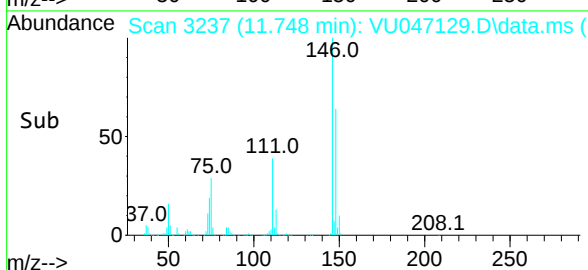
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

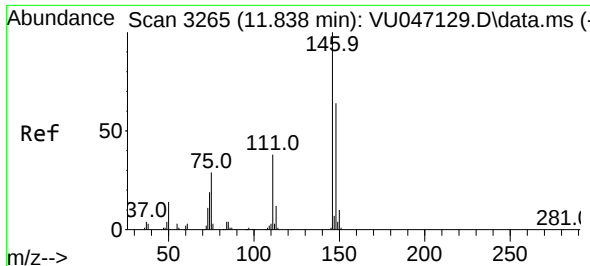


#82
1,3-Dichlorobenzene
Concen: 11.097 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09



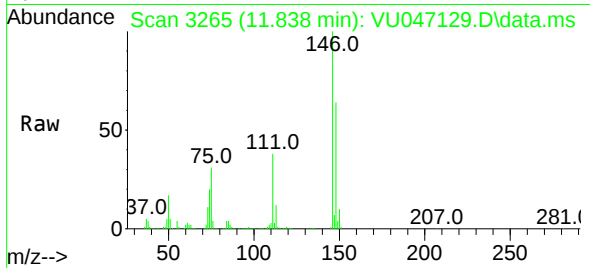
Tgt Ion:146 Resp: 366646
Ion Ratio Lower Upper
146 100
111 39.4 33.9 50.9
148 63.5 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 11.232 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

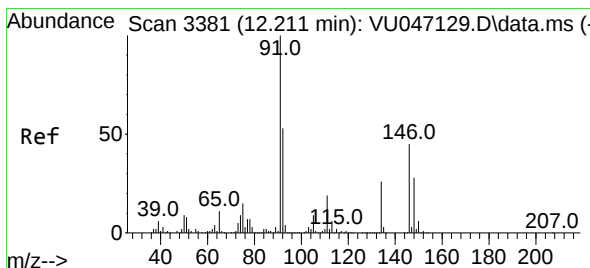
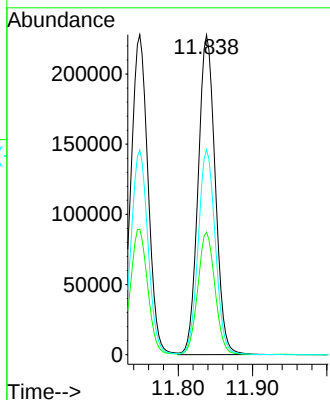
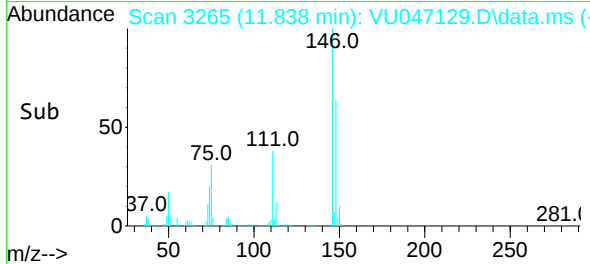
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



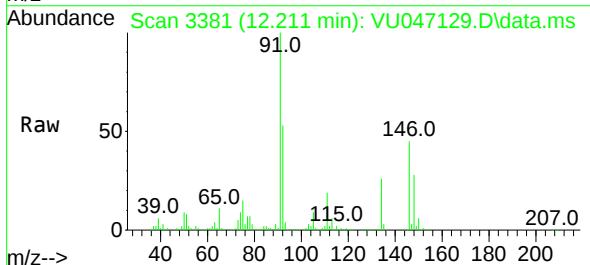
Tgt Ion:146 Resp: 36473
Ion Ratio Lower Upper
146 100
111 38.5 32.7 49.1
148 64.3 51.4 77.0

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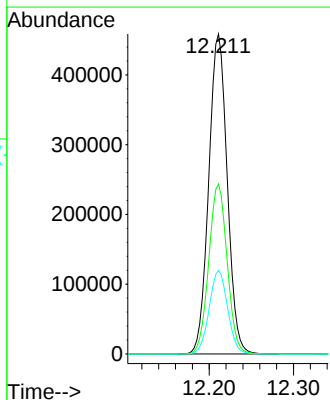
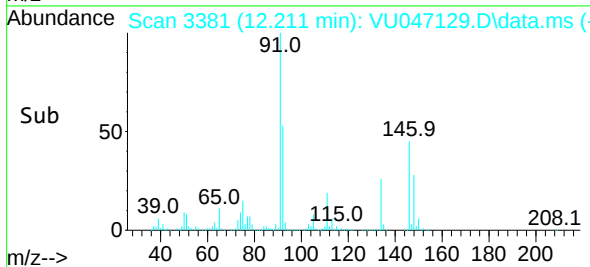
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

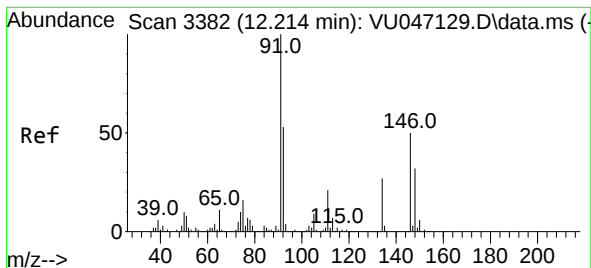


#84
n-Butylbenzene
Concen: 12.666 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09



Tgt Ion: 91 Resp: 698355
Ion Ratio Lower Upper
91 100
92 52.9 43.5 65.3
134 26.1 19.0 28.4





#85

1,2-Dichlorobenzene

Concen: 10.997 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

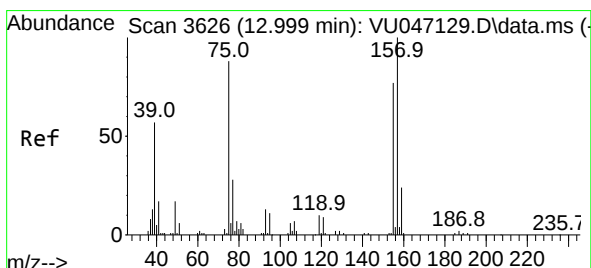
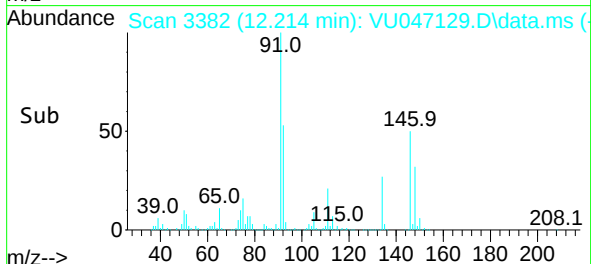
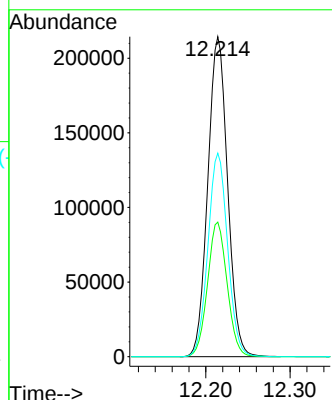
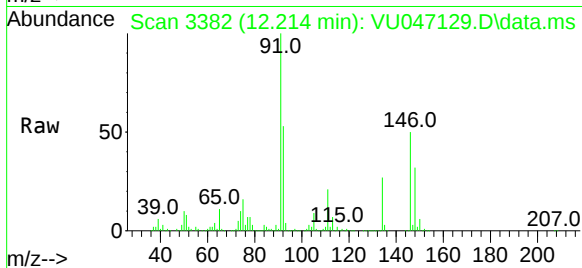
Tgt Ion:	146	Resp:	350018
Ion Ratio	Lower	Upper	
146	100		
111	41.7	22.1	66.1
148	63.4	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#86

1,2-Dibromo-3-Chloropropane

Concen: 11.600 ug/l

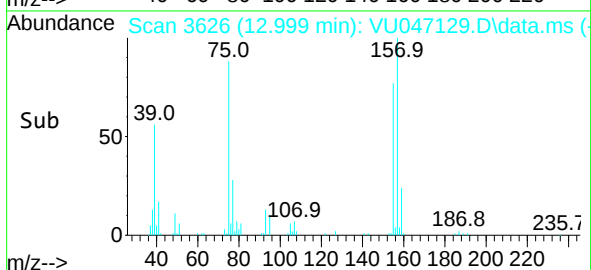
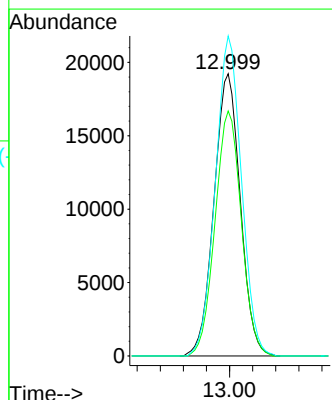
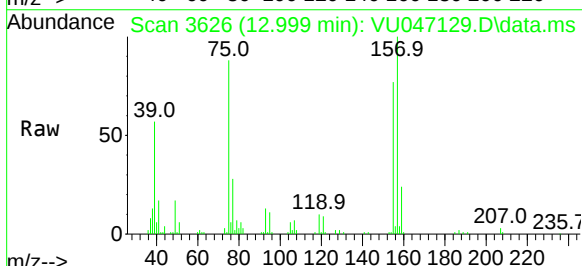
RT: 12.999 min Scan# 3626

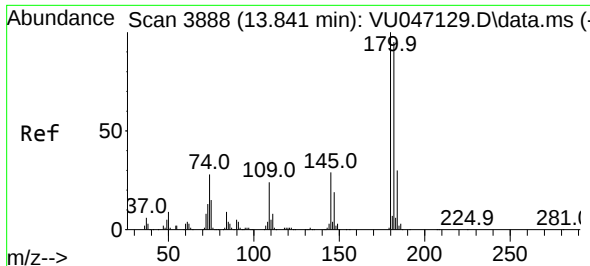
Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

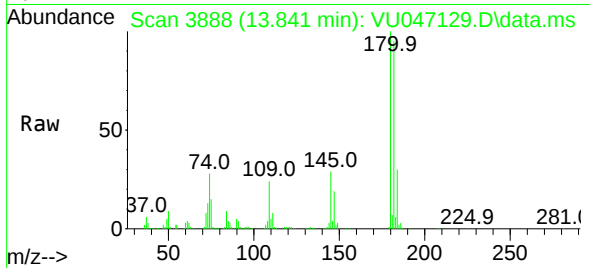
Tgt Ion:	75	Resp:	30429
Ion Ratio	Lower	Upper	
75	100		
155	86.7	57.8	86.8
157	112.4	75.1	112.7





#87
1,2,4-Trichlorobenzene
Concen: 13.361 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09

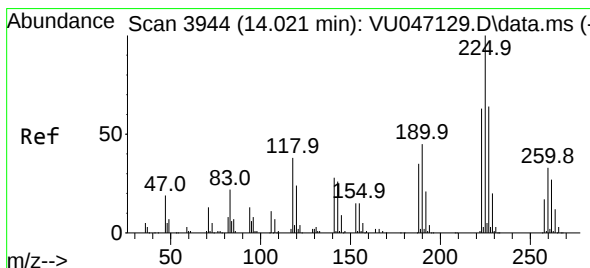
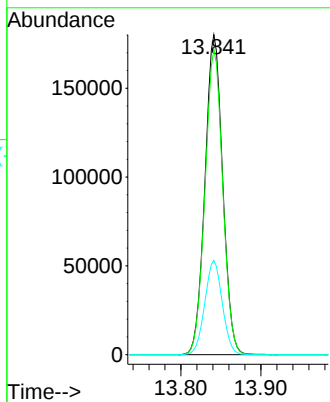
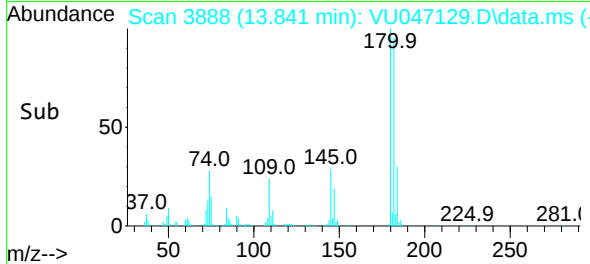
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



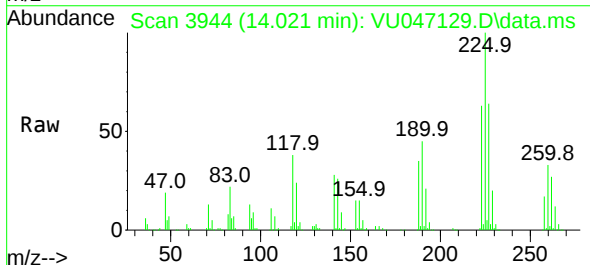
Tgt Ion:180 Resp: 277230
Ion Ratio Lower Upper
180 100
182 95.6 75.8 113.8
145 29.2 25.3 37.9

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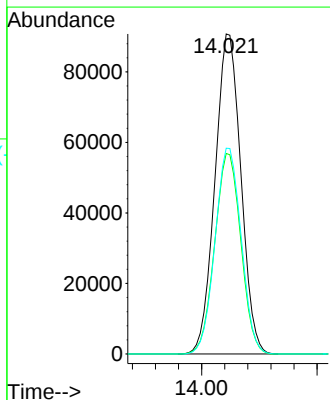
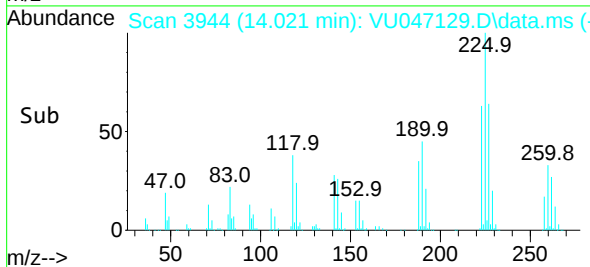
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

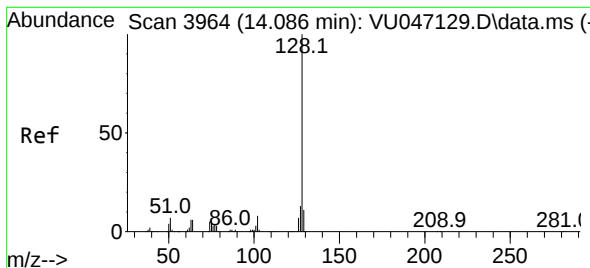


#88
Hexachlorobutadiene
Concen: 10.900 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU047129.D
Acq: 14 Feb 2022 12:09



Tgt Ion:225 Resp: 141437
Ion Ratio Lower Upper
225 100
223 63.1 51.1 76.7
227 64.7 49.9 74.9





#89

Naphthalene

Concen: 15.078 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:128 Resp: 561840

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

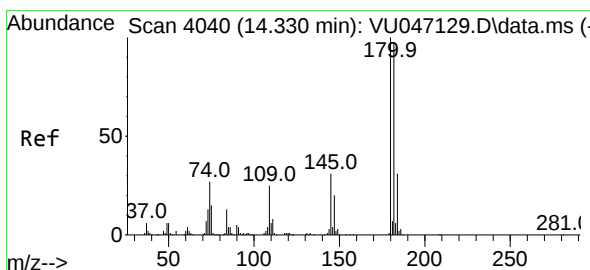
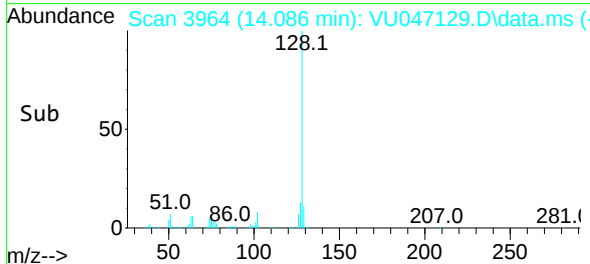
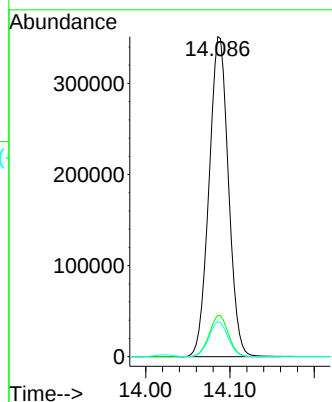
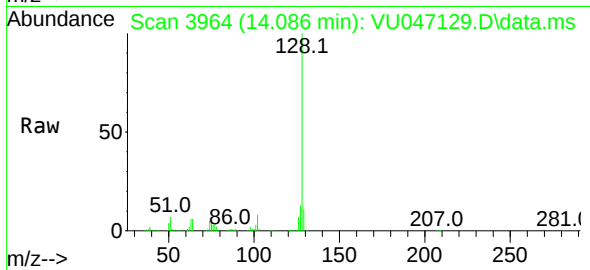
129 10.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#90

1,2,3-Trichlorobenzene

Concen: 12.422 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU047129.D

Acq: 14 Feb 2022 12:09

Tgt Ion:180 Resp: 253948

Ion Ratio Lower Upper

180 100

182 95.8 75.4 113.0

145 30.9 27.0 40.4

