

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022322\
 Data File : VU047250.D
 Acq On : 23 Feb 2022 14:44
 Operator : SY/MD
 Sample : N1637-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PW-B6-L10-U-022222MSD

Quant Time: Feb 24 06:00:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 15 03:17:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

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

Internal Standards						
1) Fluorobenzene	6.118	96	51552	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	18803	0.942	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	20440	0.983	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	163140	9.491	ug/l	99
3) Chloromethane	1.530	50	202873	11.492	ug/l	100
4) Vinyl Chloride	1.607	62	162247	9.310	ug/l	100
5) Bromomethane	1.861	94	72251	6.346	ug/l	99
6) Chloroethane	1.938	64	99606	9.948	ug/l	99
7) Trichlorofluoromethane	2.144	101	213372	10.387	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	124983	10.556	ug/l	93
9) 1,1-Dichloroethene	2.588	96	120291	9.872	ug/l	93
10) Iodomethane	2.729	142	102502	7.330	ug/l	100
11) Allyl Chloride	2.928	41	170374	8.970	ug/l	95
12) Acrylonitrile	3.330	53	62291	17.416	ug/l	93
13) Acetone	2.655	43	117692	54.987	ug/l	97
14) Carbon Disulfide	2.800	76	387473	9.401	ug/l	99
15) Methylene Chloride	3.051	84	132085	9.652	ug/l	97
16) trans-1,2-Dichloroethene	3.356	96	129705	10.086	ug/l	98
17) 1,1-Dichloroethane	3.874	63	221324	9.393	ug/l	99
18) 2-Butanone	4.729	43	181735	50.439	ug/l	97
19) Cyclohexane	5.391	56	196515m	9.002	ug/l	
20) Methylcyclohexane	6.764	83	226053	9.395	ug/l	96
21) 2,2-Dichloropropane	4.671	77	201239	9.557	ug/l	96
22) cis-1,2-Dichloroethene	4.671	96	144878	9.795	ug/l	93
23) Diethyl Ether	2.382	59	92782	9.422	ug/l	97
24) tert-Butyl Alcohol	3.276	59	132622m	207.065	ug/l	
25) Methyl tert-Butyl Ether	3.372	73	327554	9.586	ug/l	99
26) Bromochloromethane	4.980	128	63907	9.608	ug/l	87
27) Chloroform	5.092	83	230866	9.656	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	202876	9.801	ug/l	96
29) 1,1-Dichloropropene	5.530	75	180479	9.525	ug/l	97
30) Carbon Tetrachloride	5.530	117	178440	9.805	ug/l	100
31) Isopropyl Ether	4.002	45	345834	9.177	ug/l	100
32) Ethyl-t-butyl ether	4.510	59	353928	9.239	ug/l	97
33) Tert-Amyl methyl ether	5.948	73	318894	9.038	ug/l	98
34) Propionitrile	4.806	54	56435	53.144	ug/l	# 1
35) Benzene	5.777	78	515565	9.710	ug/l	100
36) 1,2-Dichloroethane	5.800	62	150181	9.342	ug/l	100
37) Trichloroethene	6.546	130	156301	10.632	ug/l	94
38) 1,2-Dichloropropane	6.796	63	132562	9.434	ug/l	99
39) Methacrylonitrile	4.983	41	43771	9.038	ug/l	99
40) Methyl acrylate	4.854	55	84062	10.269	ug/l	99
41) Tetrahydrofuran	5.073	42	46784	18.964	ug/l	98
42) 1-Chlorobutane	5.462	56	239254	9.404	ug/l	99
43) Dibromomethane	6.922	93	71520	9.438	ug/l	90
44) Bromodichloromethane	7.108	83	171265	9.556	ug/l	99

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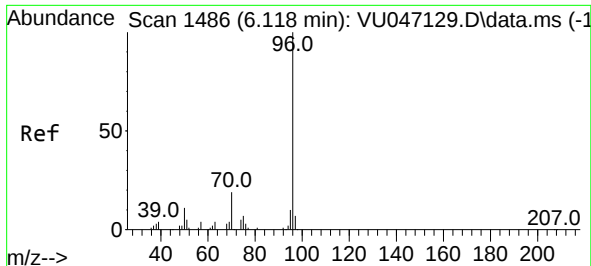
Quant Time: Feb 24 06:00:11 2022
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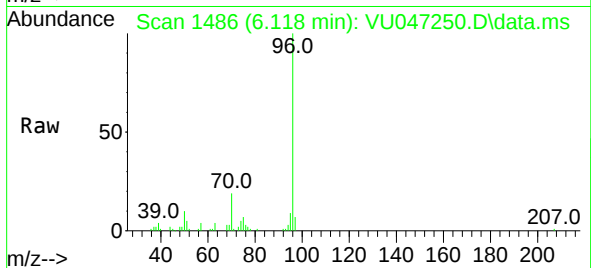
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	424430	41.411	ug/l	99
46) t-1,4-Dichloro-2-butene	10.838	75	86102m	19.299	ug/l	
47) Methyl methacrylate	6.967	69	140047	17.622	ug/l	93
48) Ethyl methacrylate	8.337	69	140865	8.744	ug/l	93
49) Toluene	7.973	92	330729	9.656	ug/l	98
50) t-1,3-Dichloropropene	8.214	75	175252	9.034	ug/l	98
51) cis-1,3-Dichloropropene	7.610	75	202959	9.332	ug/l	96
52) 1,1,2-Trichloroethane	8.404	97	100957	9.338	ug/l	97
53) 1,3-Dichloropropane	8.578	76	173202	8.966	ug/l	99
54) 2-Hexanone	8.690	43	305903	40.063	ug/l	98
55) Dibromochloromethane	8.812	129	122138	9.292	ug/l	100
56) 1,2-Dibromoethane	8.925	107	100728	9.218	ug/l	98
58) Tetrachloroethene	8.555	164	140842	10.382	ug/l	98
59) Chlorobenzene	9.449	112	364654	9.549	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	129994	9.904	ug/l	98
61) Pentachloroethane	11.430	117	109917	11.031	ug/l	85
62) Hexachloroethane	12.478	117	100794	9.369	ug/l #	73
63) Ethyl Benzene	9.571	91	639946	9.532	ug/l	99
64) m/p-Xylenes	9.697	106	487121	19.036	ug/l	97
65) o-Xylene	10.102	106	236175	9.527	ug/l	97
66) Styrene	10.115	104	403533	9.591	ug/l	97
67) Bromoform	10.291	173	74825	8.983	ug/l #	98
69) Isopropylbenzene	10.484	105	632128	9.482	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.787	83	132583	9.070	ug/l	99
71) 1,2,3-Trichloropropane	10.835	75	96050m	7.786	ug/l	
72) Bromobenzene	10.783	156	159583	9.801	ug/l	84
73) n-propylbenzene	10.906	120	178948	9.750	ug/l	85
74) 2-Chlorotoluene	10.986	126	151643	9.692	ug/l	82
75) 1,3,5-Trimethylbenzene	11.089	105	534345	9.773	ug/l	99
76) 4-Chlorotoluene	11.098	126	158089	9.617	ug/l	83
77) tert-Butylbenzene	11.423	119	537017	9.789	ug/l	94
78) 1,2,4-Trimethylbenzene	11.468	105	546373	9.792	ug/l	97
79) sec-Butylbenzene	11.645	105	703956	9.663	ug/l	97
80) Nitrobenzene	13.204	77	17369	24.611	ug/l	97
81) p-Isopropyltoluene	11.793	119	601883	9.764	ug/l	97
82) 1,3-Dichlorobenzene	11.745	146	307067	9.688	ug/l	97
83) 1,4-Dichlorobenzene	11.838	146	310427	9.722	ug/l	98
84) n-Butylbenzene	12.211	91	591668	9.995	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	294540	9.654	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.999	75	24227	9.039	ug/l #	75
87) 1,2,4-Trichlorobenzene	13.841	180	247329	10.324	ug/l	97
88) Hexachlorobutadiene	14.024	225	125639	10.258	ug/l	98
89) Naphthalene	14.089	128	460816	9.391	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	227342	10.580	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

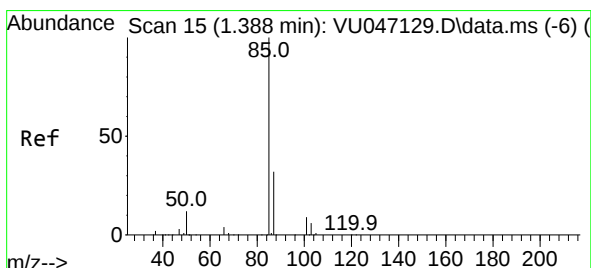
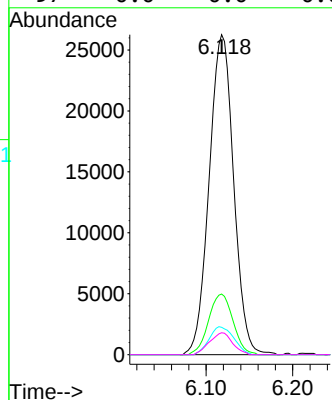
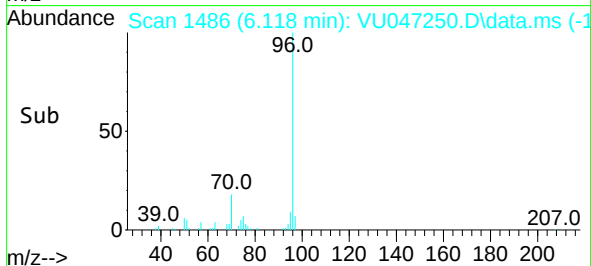
Instrument : MSVOA_U
ClientSampleId : PW-B6-L10-U-022222MSD



Tgt Ion: 96 Resp: 51552
Ion Ratio Lower Upper
96 100
70 18.9 16.8 25.2
95 8.8 7.3 10.9
97 0.0 0.0 0.0

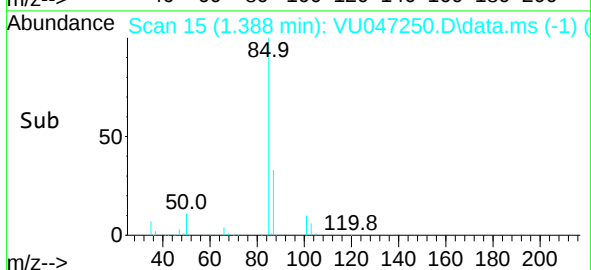
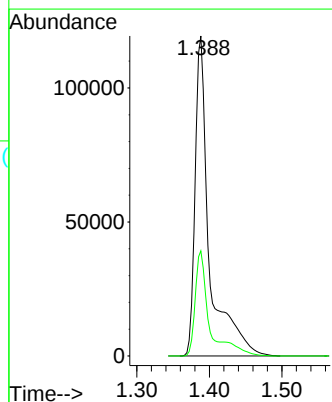
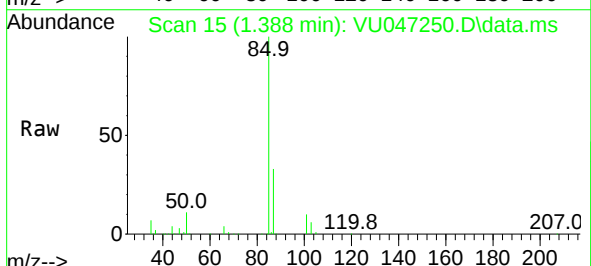
Manual Integrations
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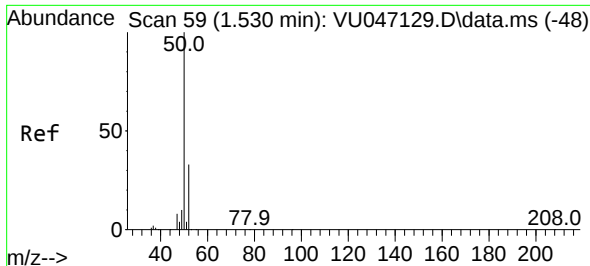
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#2
Dichlorodifluoromethane
Concen: 9.491 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

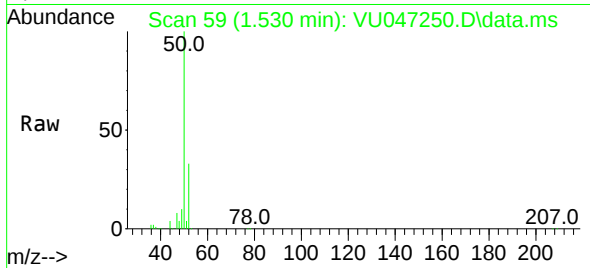
Tgt Ion: 85 Resp: 163140
Ion Ratio Lower Upper
85 100
87 32.8 16.2 48.6





#3
Chloromethane
Concen: 11.492 ug/l
RT: 1.530 min Scan# 59
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

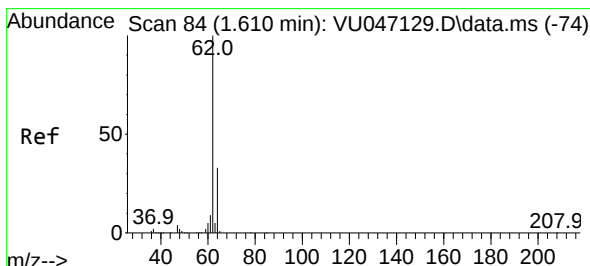
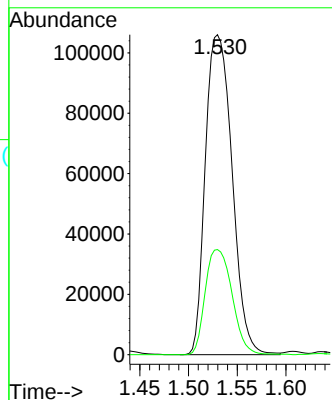
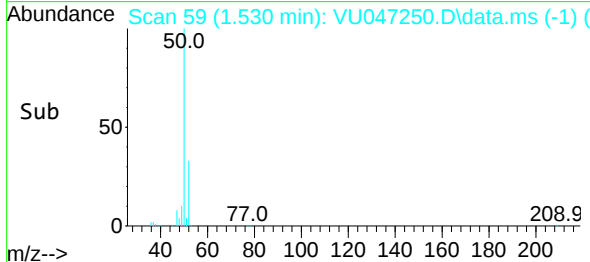
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MSD



Tgt Ion: 50 Resp: 20287
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.4

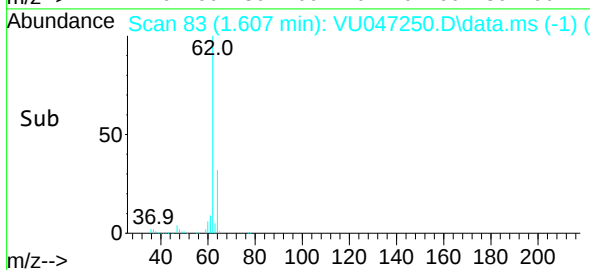
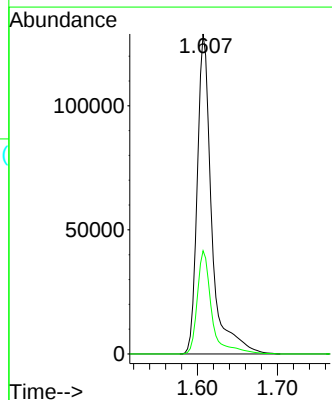
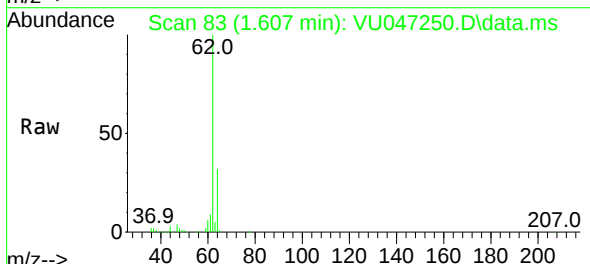
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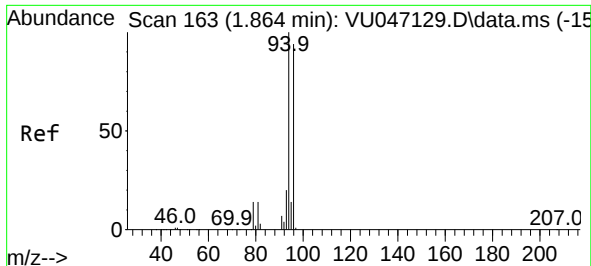
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#4
Vinyl Chloride
Concen: 9.310 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.003 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

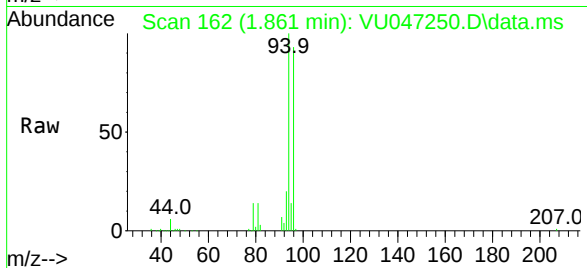
Tgt Ion: 62 Resp: 162247
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0





#5
Bromomethane
Concen: 6.346 ug/l
RT: 1.861 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

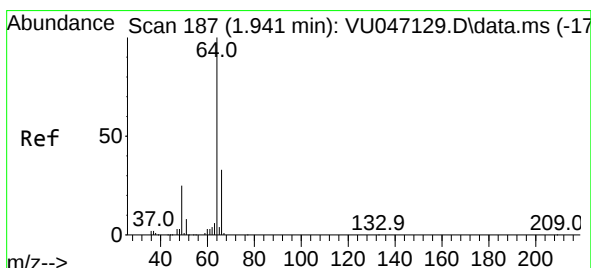
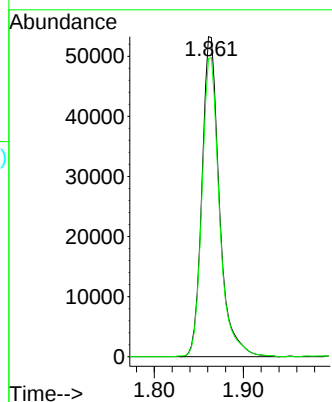
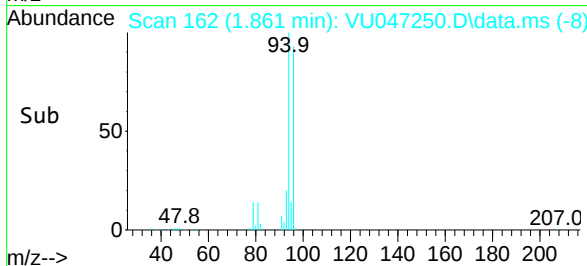
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MSD



Tgt Ion: 94 Resp: 7225
Ion Ratio Lower Upper
94 100
96 93.2 75.0 112.4

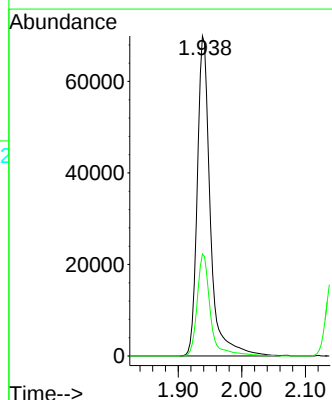
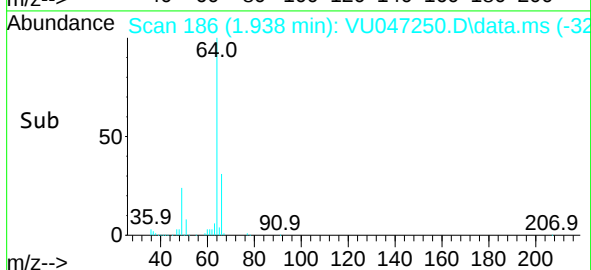
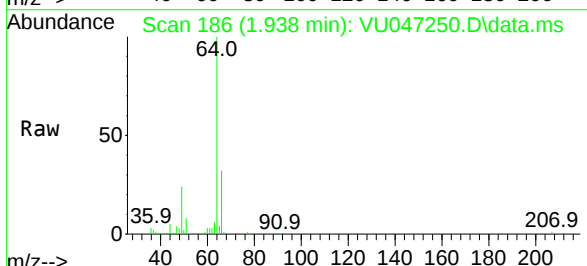
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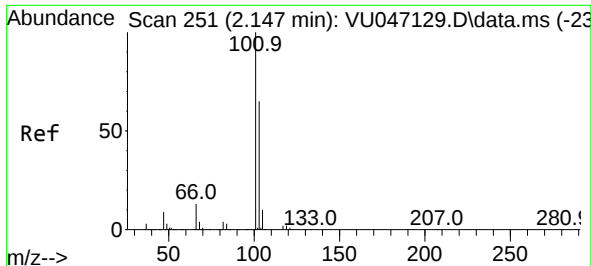
Reviewed By :John Carlone 02/24/2022
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#6
Chloroethane
Concen: 9.948 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

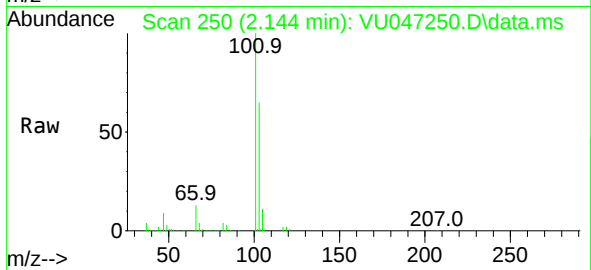
Tgt Ion: 64 Resp: 99606
Ion Ratio Lower Upper
64 100
66 31.9 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 10.387 ug/l
 RT: 2.144 min Scan# 213372
 Delta R.T. -0.003 min
 Lab File: VU047250.D
 Acq: 23 Feb 2022 14:44

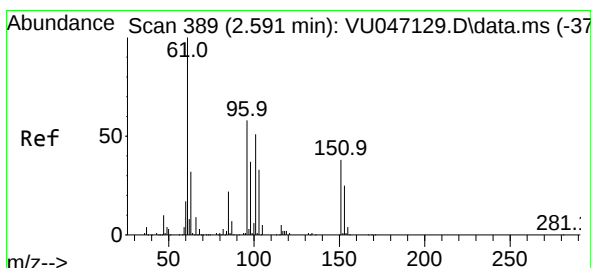
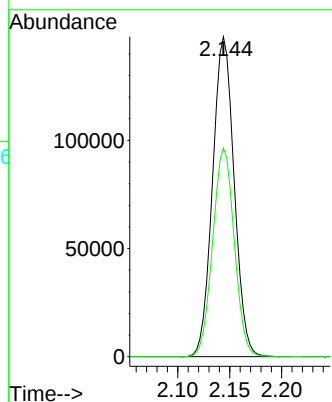
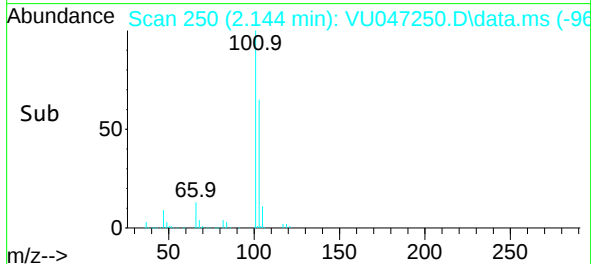
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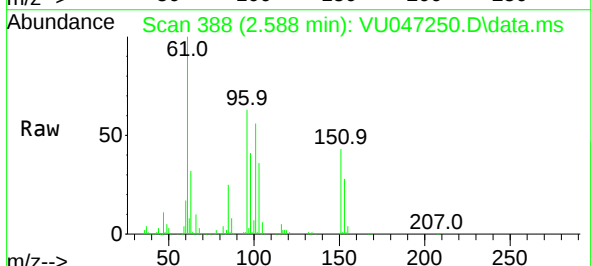
Tgt Ion:101 Resp: 213372
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.2 78.2

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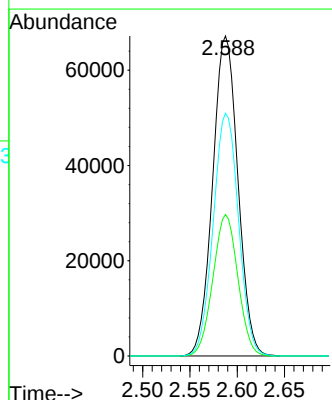
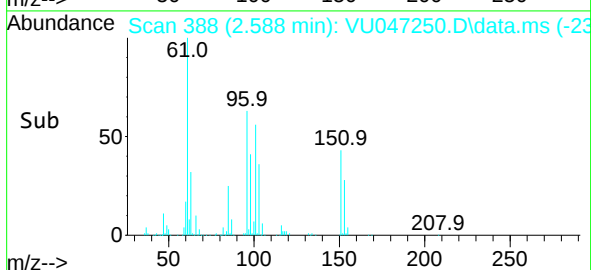
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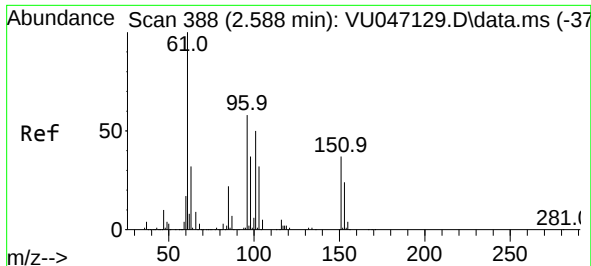


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.556 ug/l
 RT: 2.588 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU047250.D
 Acq: 23 Feb 2022 14:44



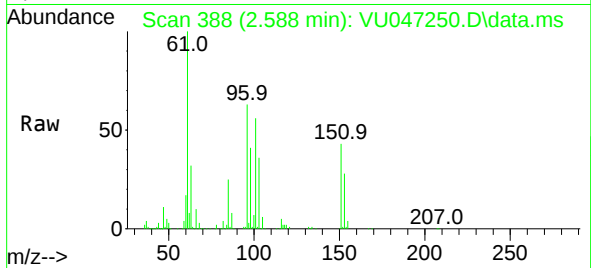
Tgt Ion:101 Resp: 124983
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.8 53.6
 151 76.2 54.6 81.8





#9
1,1-Dichloroethene
Concen: 9.872 ug/l
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

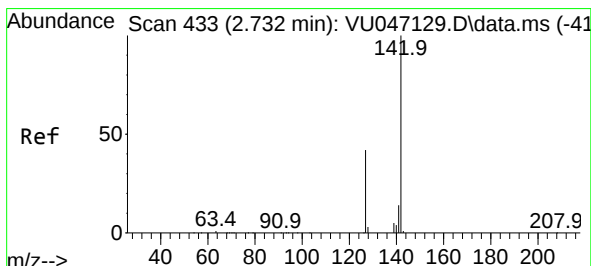
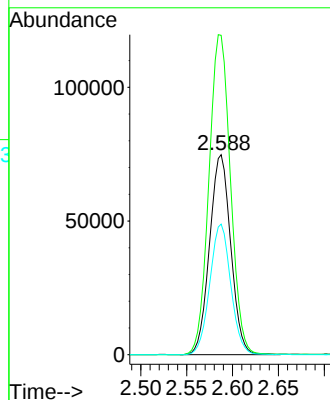
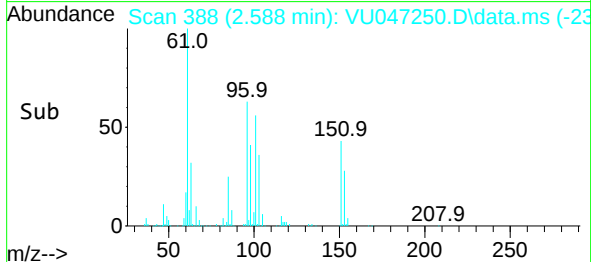
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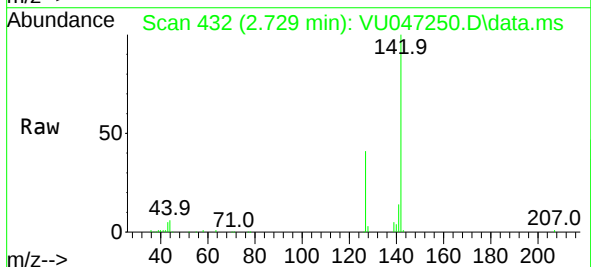
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Ion Ratio Lower Upper
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98 65.3 0.0 126.4

Manual Integrations
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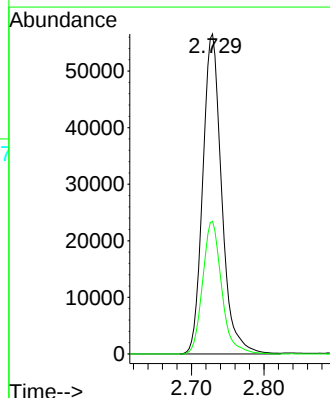
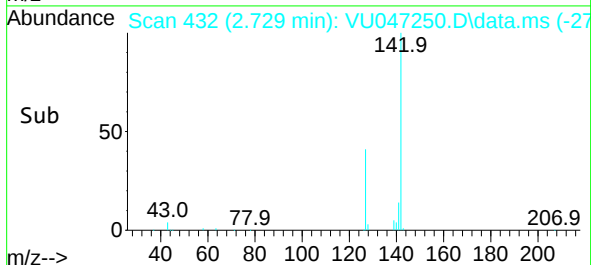
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

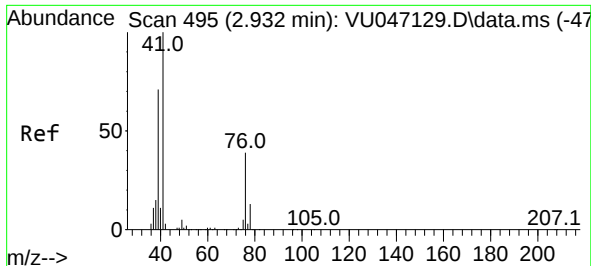


#10
Iodomethane
Concen: 7.330 ug/l
RT: 2.729 min Scan# 432
Delta R.T. -0.003 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44



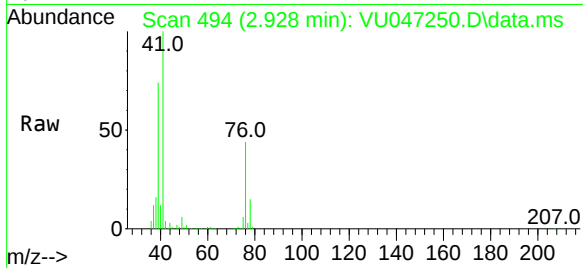
Tgt Ion:142 Resp: 102502
Ion Ratio Lower Upper
142 100
127 41.6 33.2 49.8





#11
 Allyl Chloride
 Concen: 8.970 ug/l
 RT: 2.928 min Scan# 495
 Delta R.T. -0.003 min
 Lab File: VU047250.D
 Acq: 23 Feb 2022 14:44

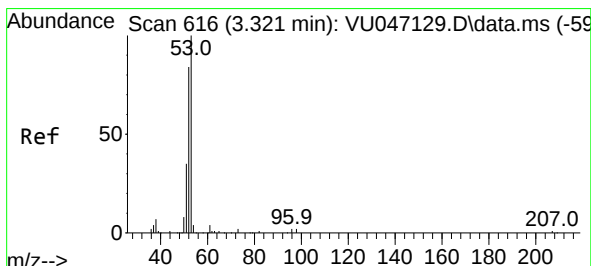
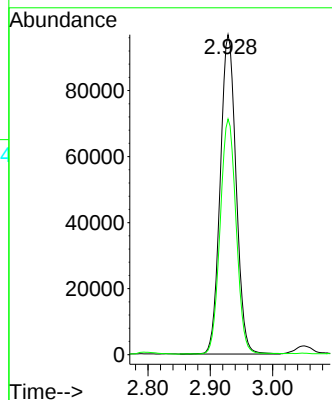
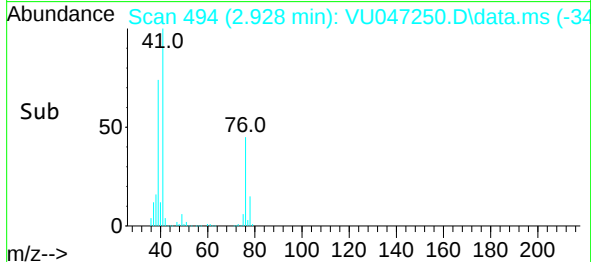
Instrument :
 MSVOA_U
 ClientSampleId :
 PW-B6-L10-U-022222MSD



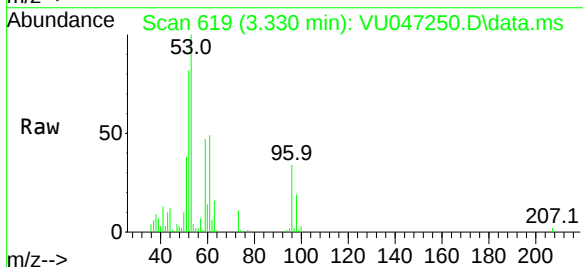
Tgt Ion: 41 Resp: 170374
 Ion Ratio Lower Upper
 41 100
 39 74.0 62.4 93.6

Manual Integrations
 APPROVED

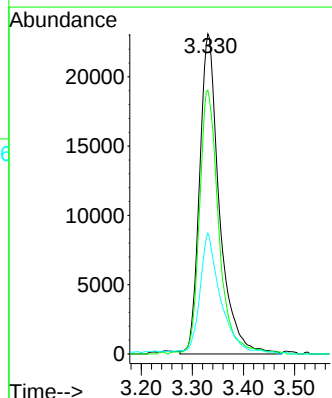
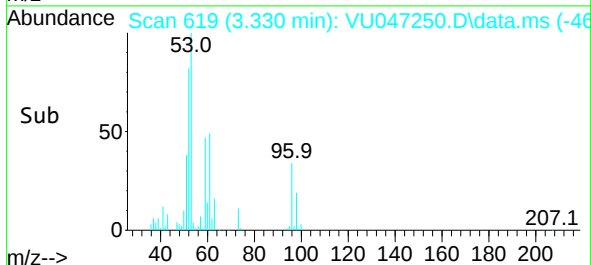
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022

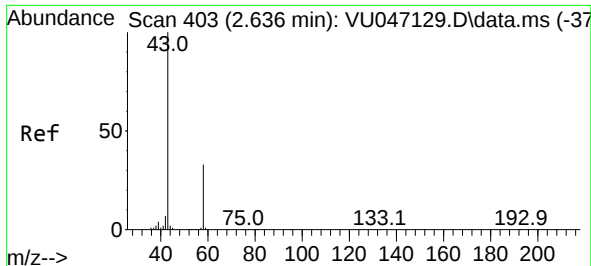


#12
 Acrylonitrile
 Concen: 17.416 ug/l
 RT: 3.330 min Scan# 619
 Delta R.T. 0.010 min
 Lab File: VU047250.D
 Acq: 23 Feb 2022 14:44



Tgt Ion: 53 Resp: 62291
 Ion Ratio Lower Upper
 53 100
 52 77.7 56.7 85.1
 51 35.4 30.3 45.5





#13

Acetone

Concen: 54.987 ug/l

RT: 2.655 min Scan# 409

Delta R.T. 0.019 min

Lab File: VU047250.D

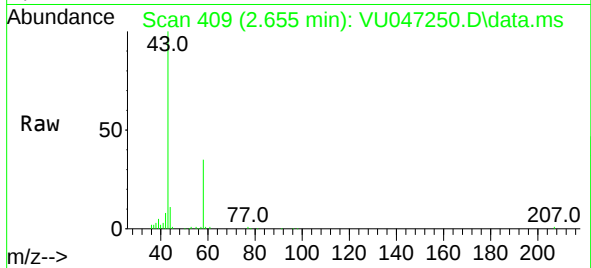
Acq: 23 Feb 2022 14:44

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MSD



Tgt Ion: 43 Resp: 117692

Ion Ratio Lower Upper

43 100

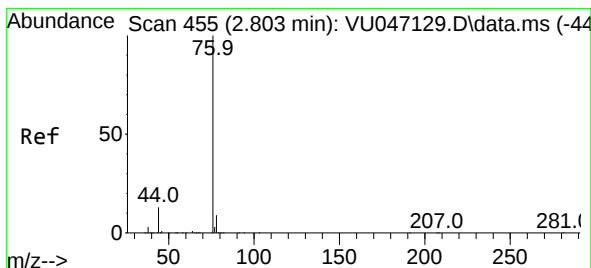
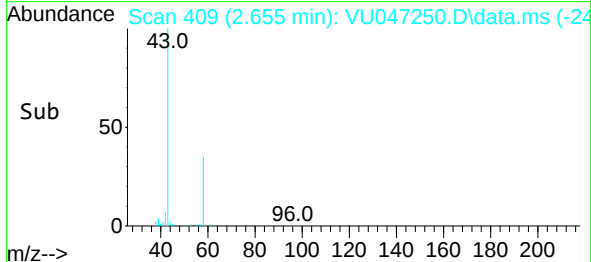
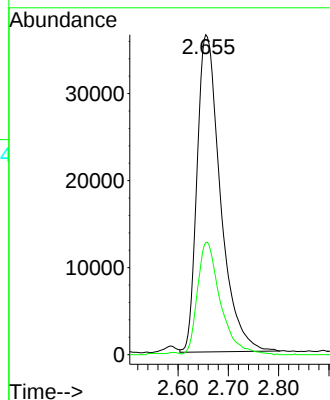
58 35.5 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#14

Carbon Disulfide

Concen: 9.401 ug/l

RT: 2.800 min Scan# 454

Delta R.T. -0.003 min

Lab File: VU047250.D

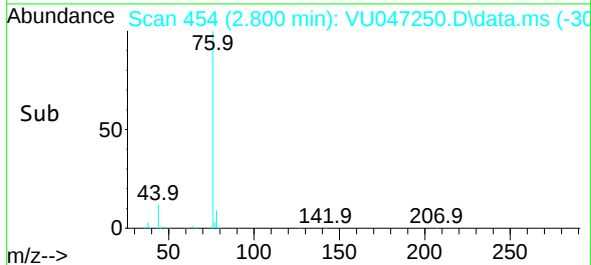
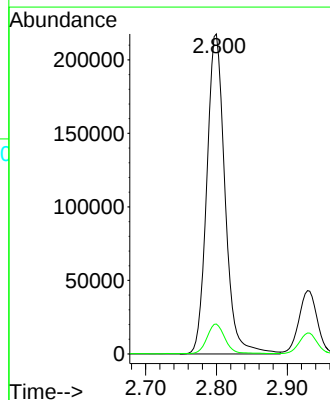
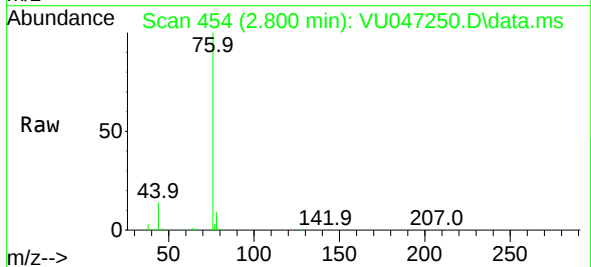
Acq: 23 Feb 2022 14:44

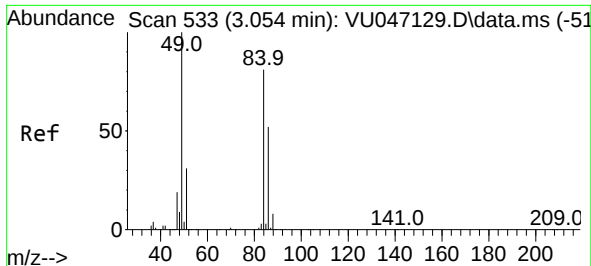
Tgt Ion: 76 Resp: 387473

Ion Ratio Lower Upper

76 100

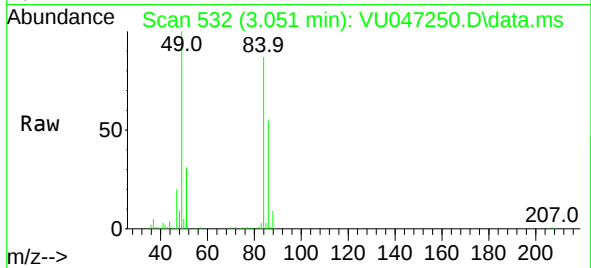
78 9.3 7.1 10.7





#15
Methylene Chloride
Concen: 9.652 ug/l
RT: 3.051 min Scan# 511
Delta R.T. -0.003 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

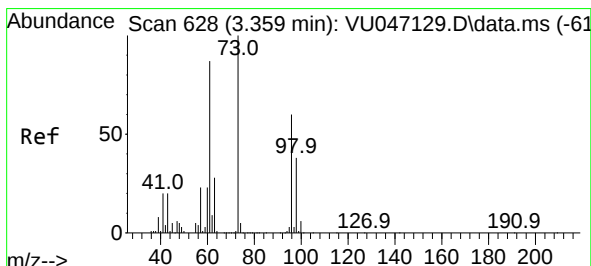
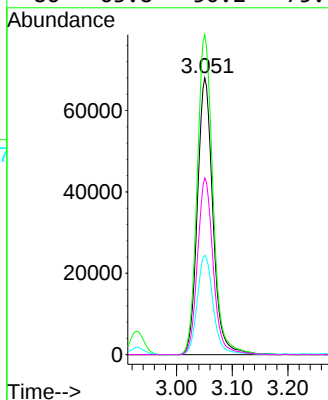
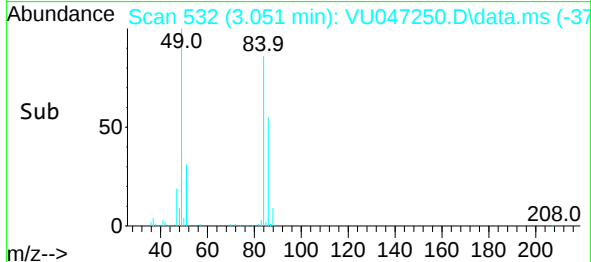
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MSD



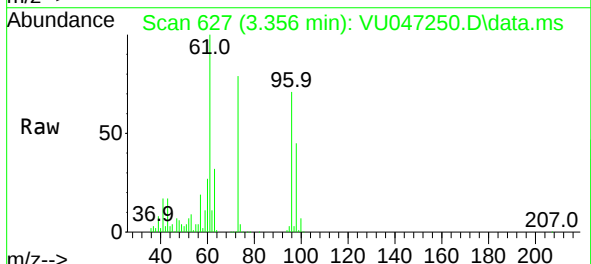
Tgt Ion: 84 Resp: 132085
Ion Ratio Lower Upper
84 100
49 115.6 97.2 145.8
51 35.9 0.0 73.4
86 63.8 50.2 75.4

Manual Integrations
APPROVED

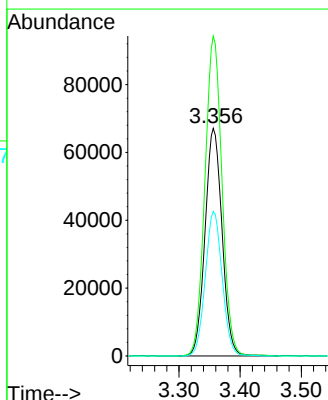
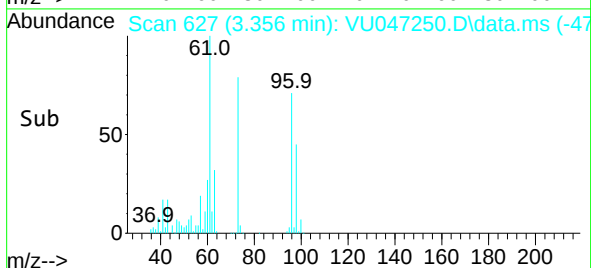
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

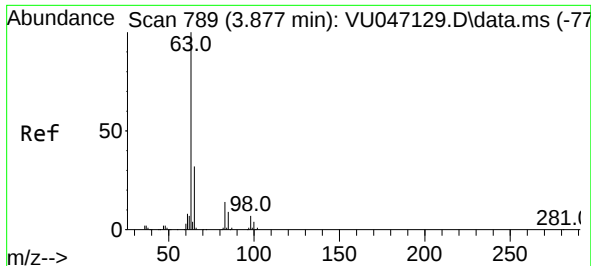


#16
trans-1,2-Dichloroethene
Concen: 10.086 ug/l
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44



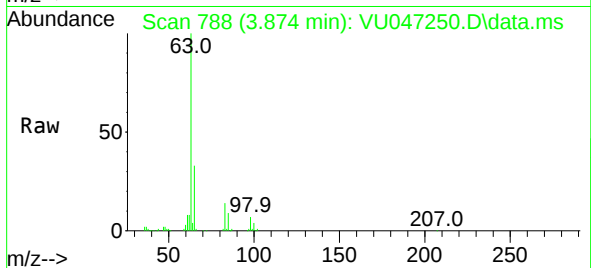
Tgt Ion: 96 Resp: 129705
Ion Ratio Lower Upper
96 100
61 140.6 115.8 173.6
98 63.5 51.1 76.7





#17
 1,1-Dichloroethane
 Concen: 9.393 ug/l
 RT: 3.874 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VU047250.D
 Acq: 23 Feb 2022 14:44

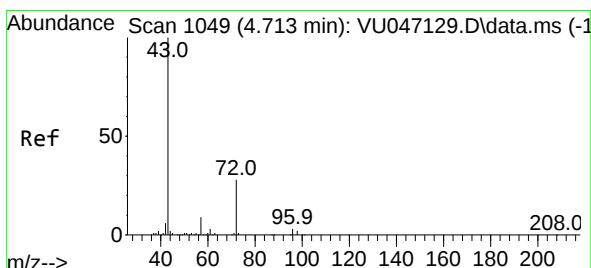
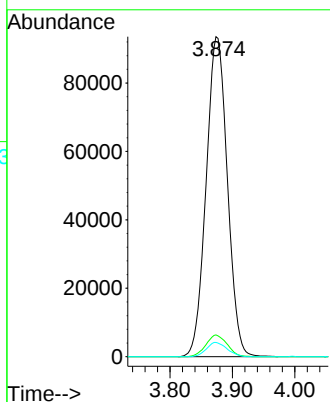
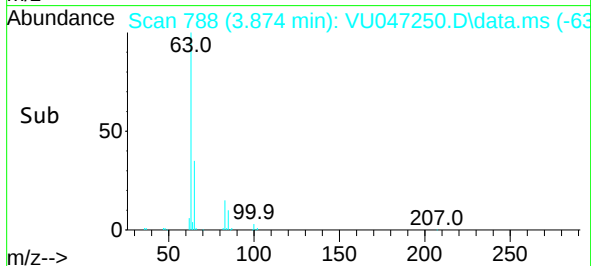
Instrument :
 MSVOA_U
 ClientSampleId :
 PW-B6-L10-U-022222MSD



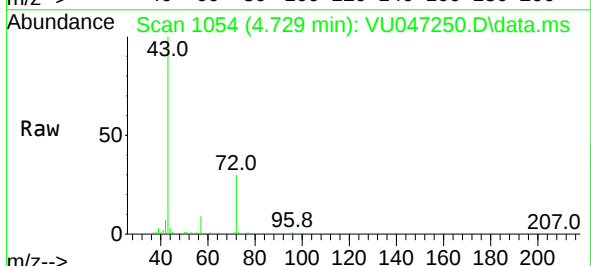
Tgt Ion: 63 Resp: 221324
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.5 2.1 6.5

Manual Integrations
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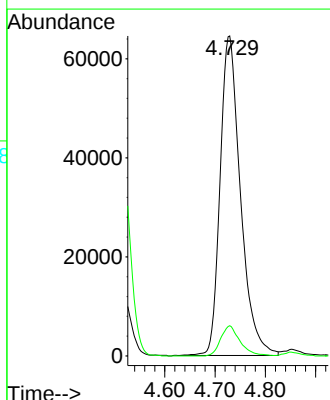
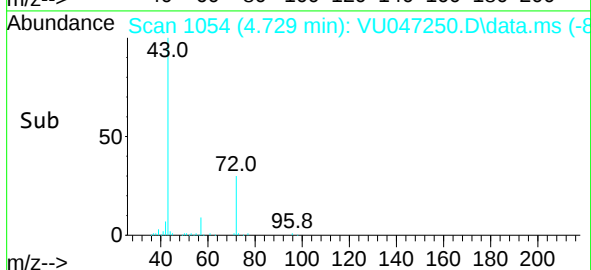
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022

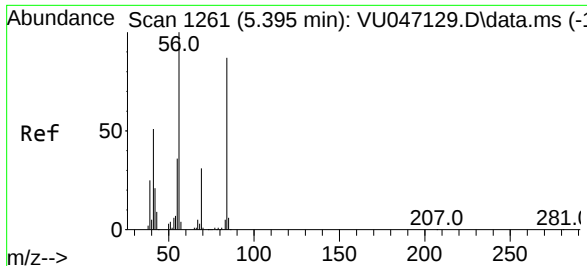


#18
 2-Butanone
 Concen: 50.439 ug/l
 RT: 4.729 min Scan# 1054
 Delta R.T. 0.016 min
 Lab File: VU047250.D
 Acq: 23 Feb 2022 14:44



Tgt Ion: 43 Resp: 181735
 Ion Ratio Lower Upper
 43 100
 57 9.5 0.0 16.6





#19

Cyclohexane

Concen: 9.002 ug/l m

RT: 5.391 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047250.D

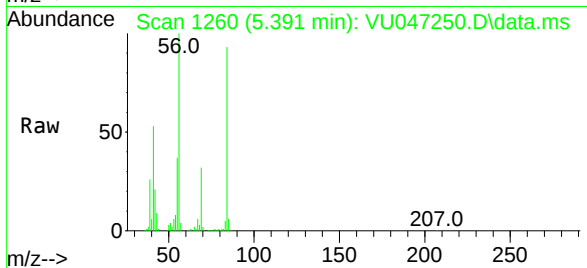
Acq: 23 Feb 2022 14:44

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MSD



Tgt Ion: 56 Resp: 19651

Ion Ratio Lower Upper

56 100

69 31.5 24.7 37.1

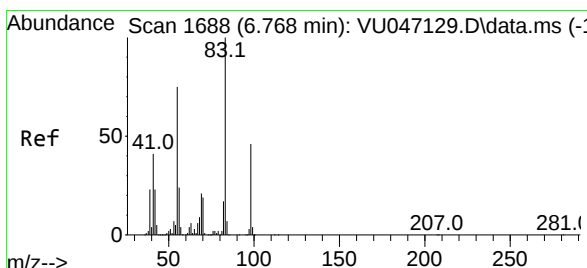
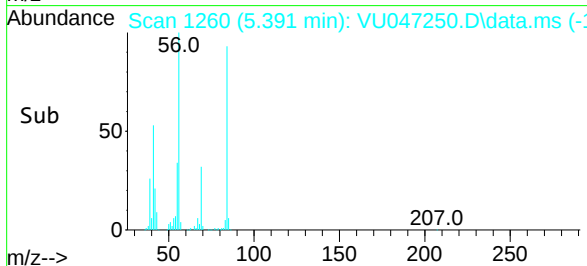
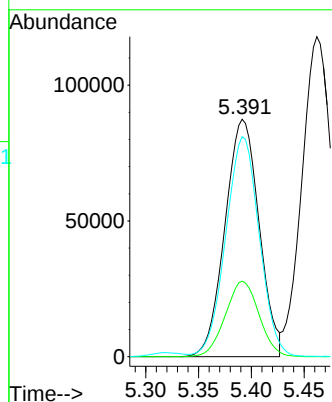
84 89.6 68.8 103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#20

Methylcyclohexane

Concen: 9.395 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. -0.003 min

Lab File: VU047250.D

Acq: 23 Feb 2022 14:44

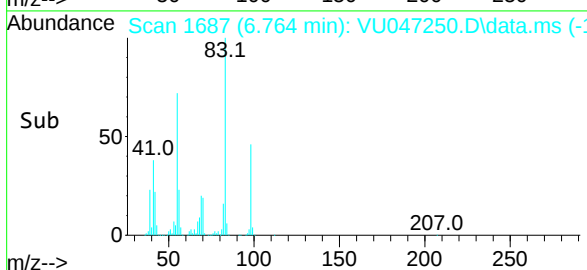
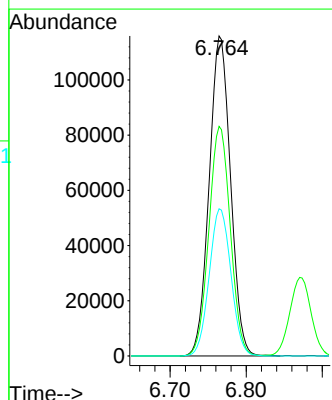
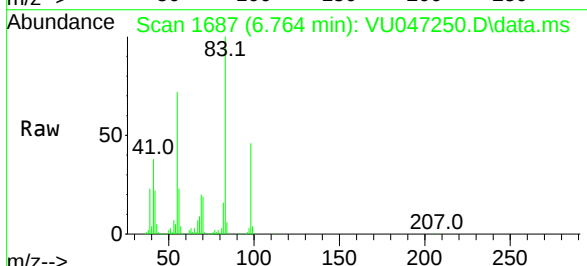
Tgt Ion: 83 Resp: 226053

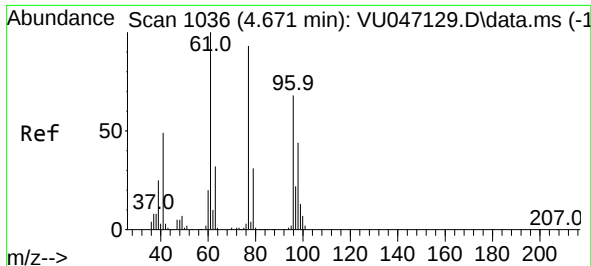
Ion Ratio Lower Upper

83 100

55 71.9 61.9 92.9

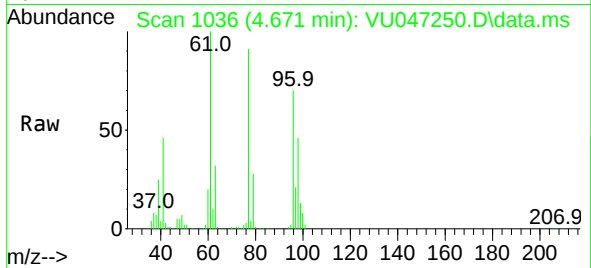
98 46.8 37.4 56.2





#21
2,2-Dichloropropane
Concen: 9.557 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

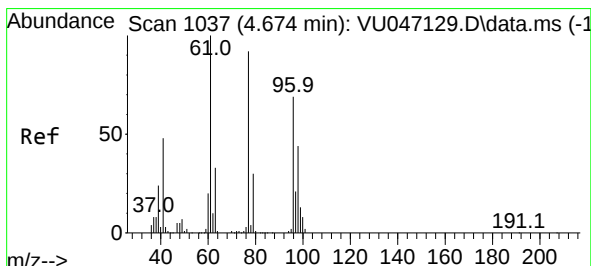
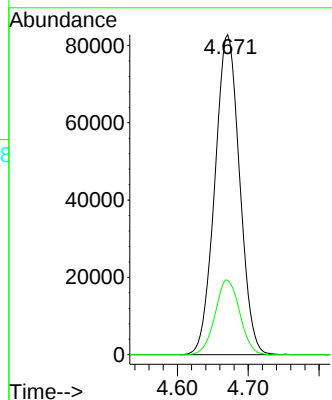
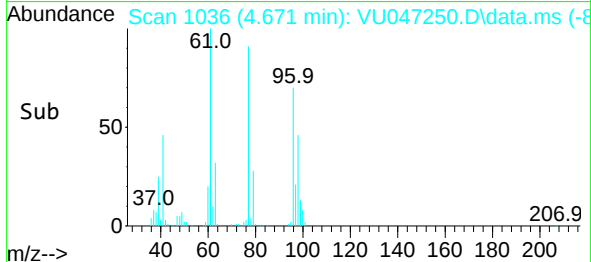
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MSD



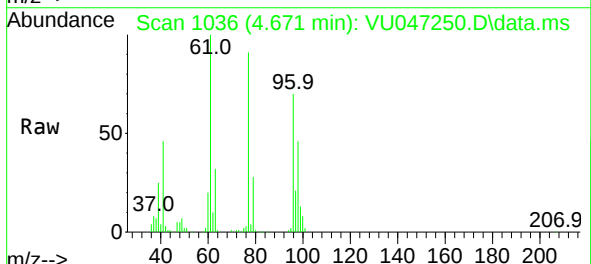
Tgt Ion: 77 Resp: 201239
Ion Ratio Lower Upper
77 100
97 23.2 17.2 25.8

Manual Integrations
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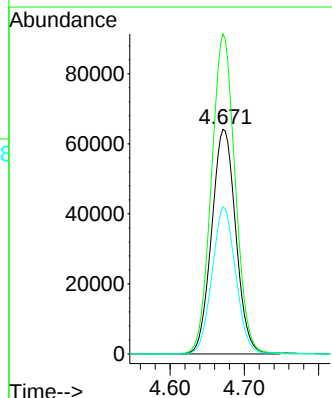
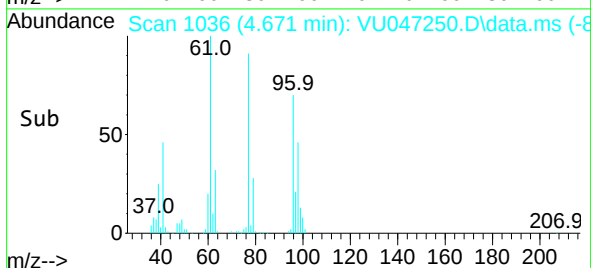
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

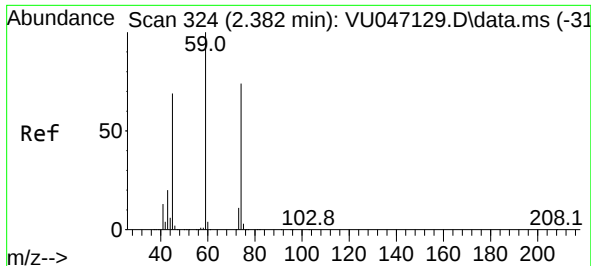


#22
cis-1,2-Dichloroethene
Concen: 9.795 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44



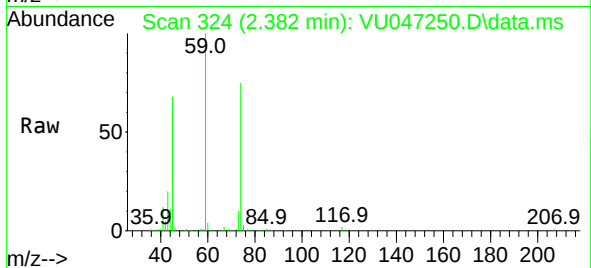
Tgt Ion: 96 Resp: 144878
Ion Ratio Lower Upper
96 100
61 140.6 0.0 385.3
98 64.1 32.1 96.3





#23
Diethyl Ether
Concen: 9.422 ug/l
RT: 2.382 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

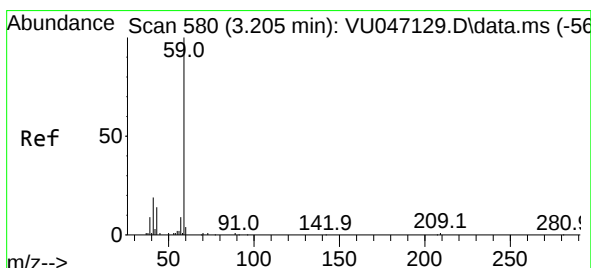
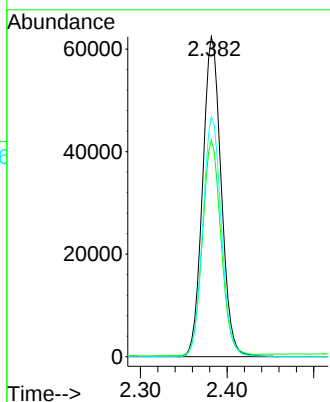
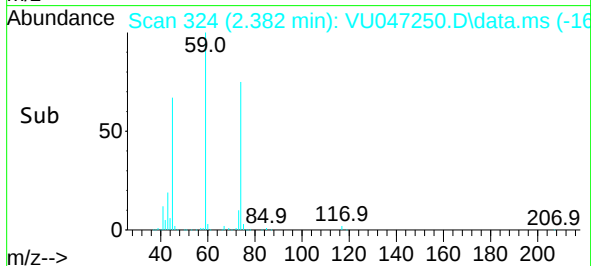
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MSD



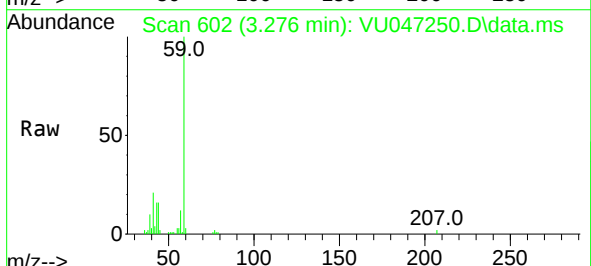
Tgt Ion: 59 Resp: 9278
Ion Ratio Lower Upper
59 100
45 67.4 55.6 83.4
74 75.4 58.1 87.1

Manual Integrations
APPROVED

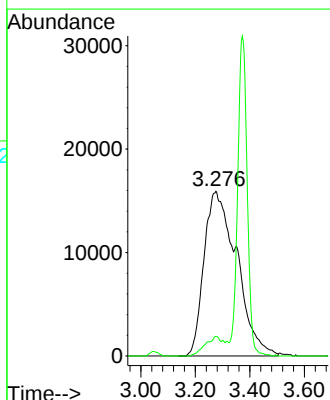
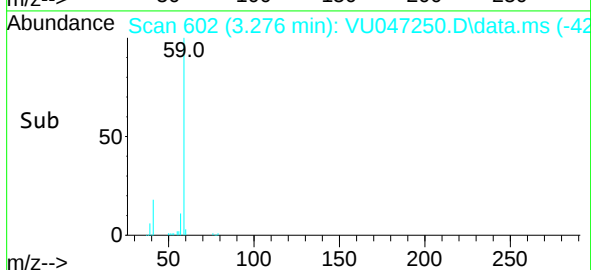
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

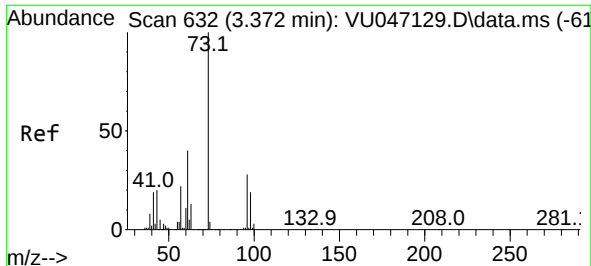


#24
tert-Butyl Alcohol
Concen: 207.065 ug/l m
RT: 3.276 min Scan# 602
Delta R.T. 0.071 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44



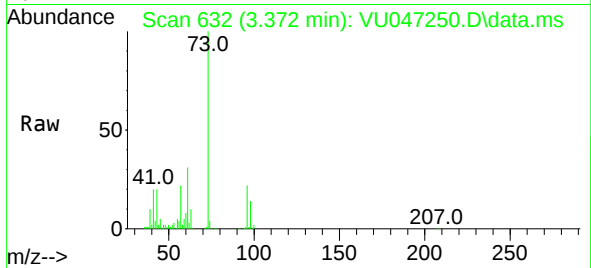
Tgt Ion: 59 Resp: 132622
Ion Ratio Lower Upper
59 100
57 5.4 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 9.586 ug/l
RT: 3.372 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

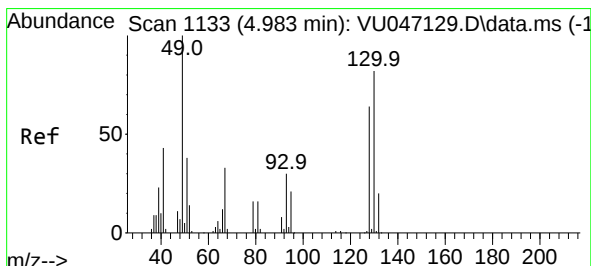
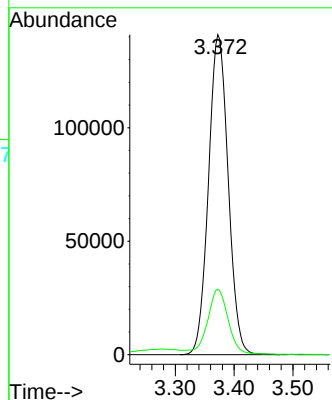
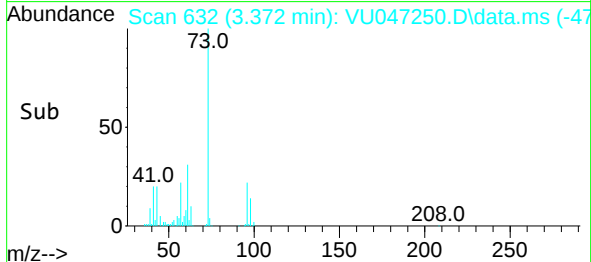
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MSD



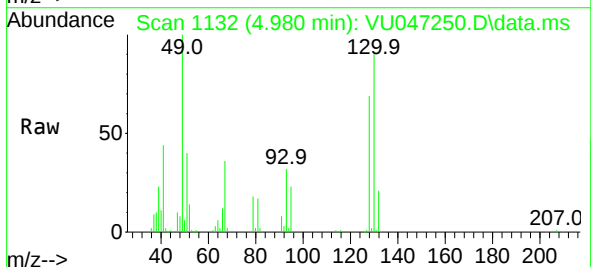
Tgt Ion: 73 Resp: 327554
Ion Ratio Lower Upper
73 100
43 20.8 16.3 24.5

Manual Integrations
APPROVED

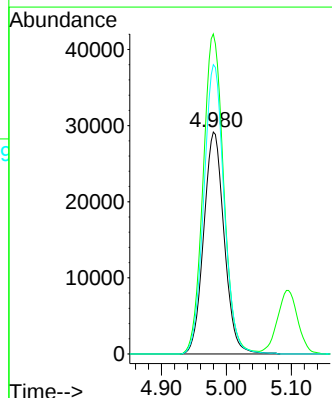
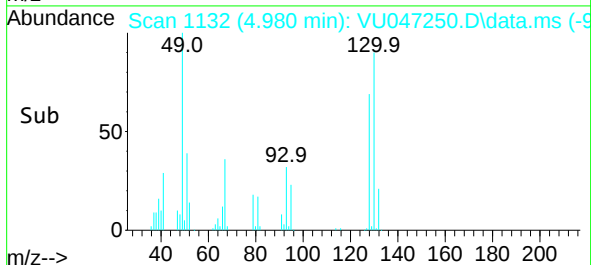
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

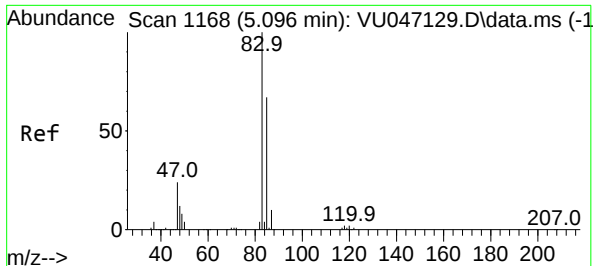


#26
Bromochloromethane
Concen: 9.608 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44



Tgt Ion:128 Resp: 63907
Ion Ratio Lower Upper
128 100
49 145.0 0.0 347.4
130 129.8 101.5 152.3





#27

Chloroform

Concen: 9.656 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU047250.D

Acq: 23 Feb 2022 14:44

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MSD

Tgt Ion: 83 Resp: 230860

Ion Ratio Lower Upper

83 100

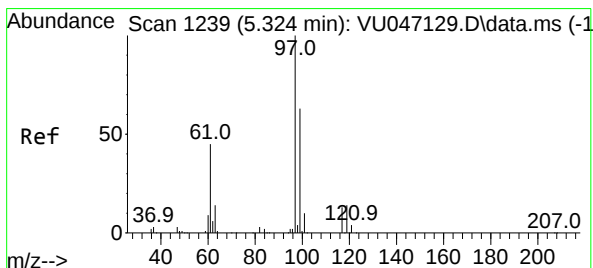
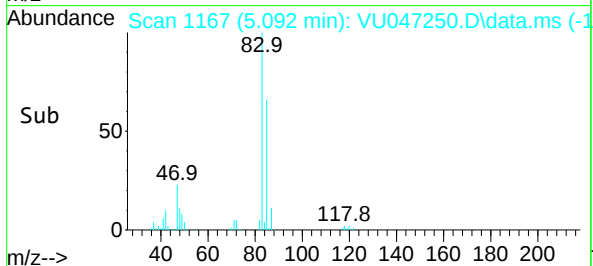
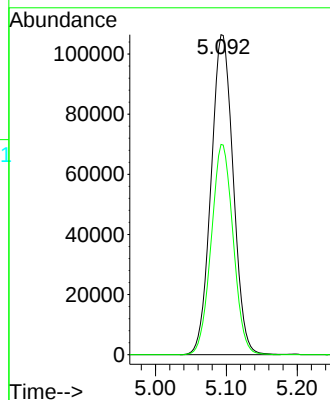
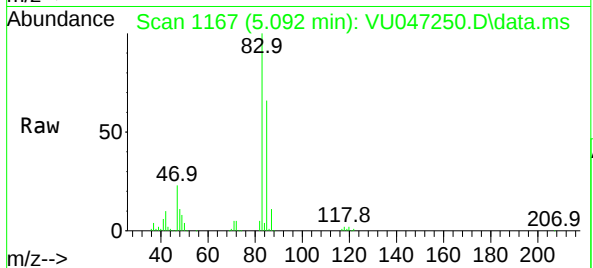
85 65.7 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#28

1,1,1-Trichloroethane

Concen: 9.801 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU047250.D

Acq: 23 Feb 2022 14:44

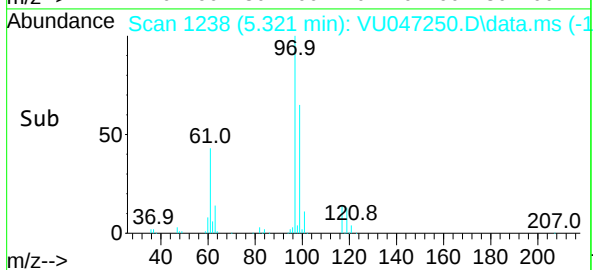
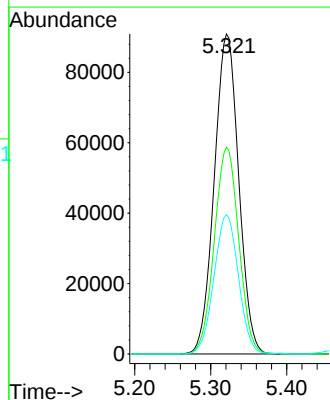
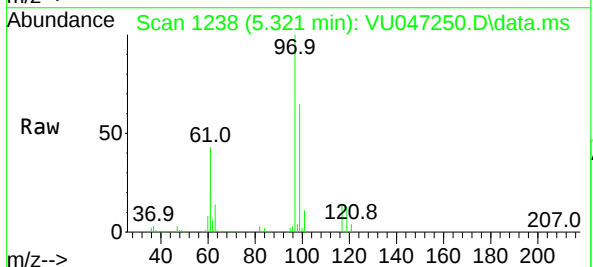
Tgt Ion: 97 Resp: 202876

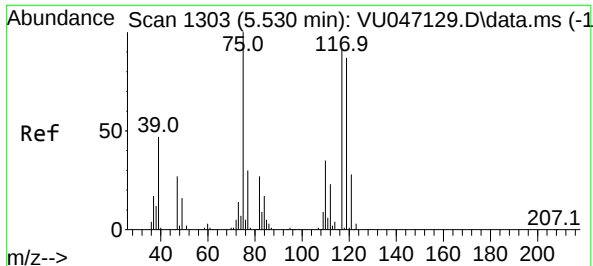
Ion Ratio Lower Upper

97 100

99 64.7 32.2 96.6

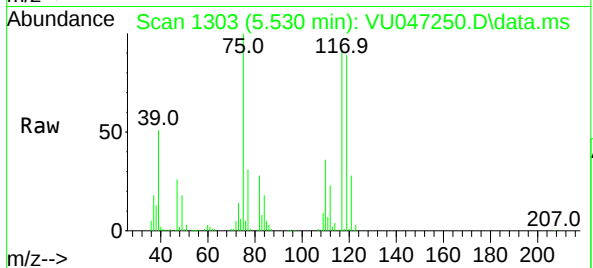
61 43.6 24.5 73.5





#29
1,1-Dichloropropene
Concen: 9.525 ug/l
RT: 5.530 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

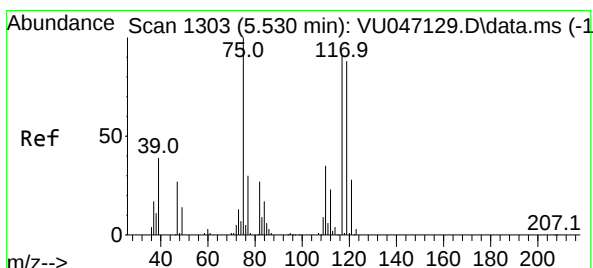
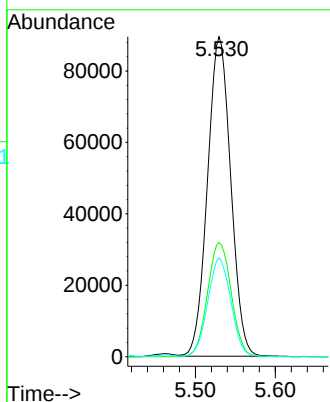
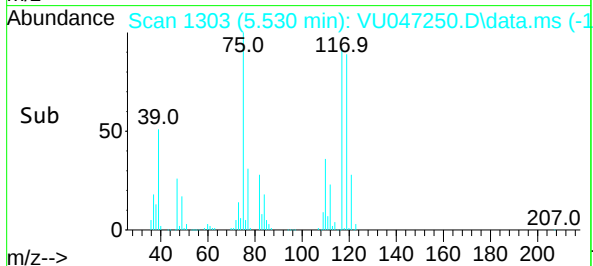
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MSD



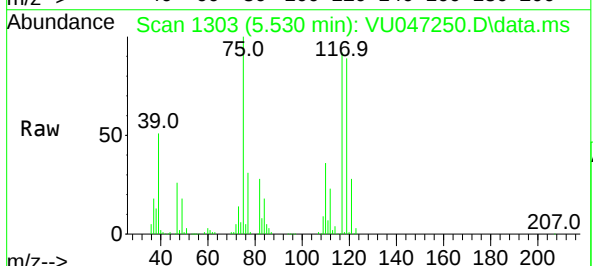
Tgt Ion: 75 Resp: 180479
Ion Ratio Lower Upper
75 100
110 36.4 16.8 50.3
77 30.9 24.7 37.1

Manual Integrations
APPROVED

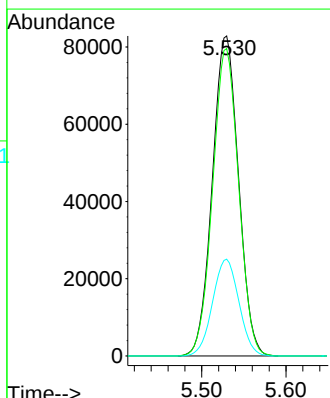
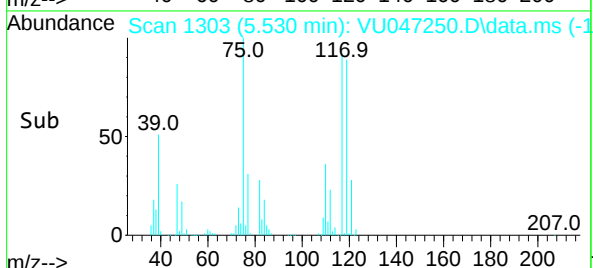
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

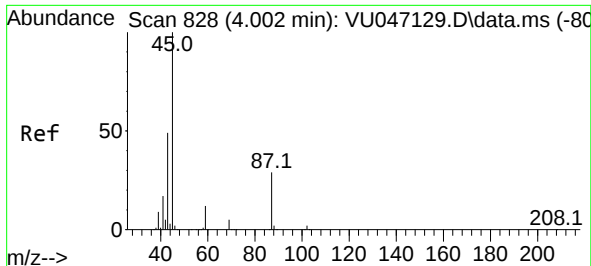


#30
Carbon Tetrachloride
Concen: 9.805 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44



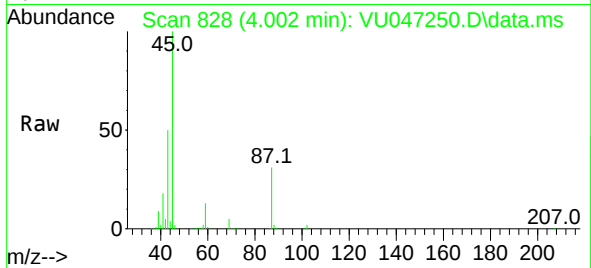
Tgt Ion:117 Resp: 178440
Ion Ratio Lower Upper
117 100
119 96.0 76.8 115.2
121 30.3 24.6 37.0





#31
Isopropyl Ether
Concen: 9.177 ug/l
RT: 4.002 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

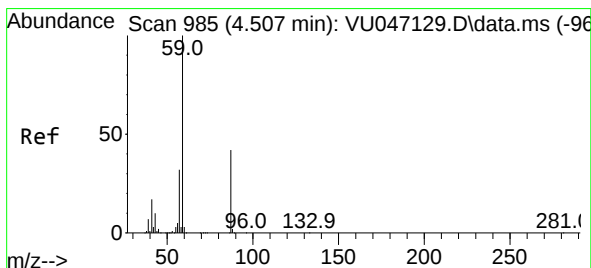
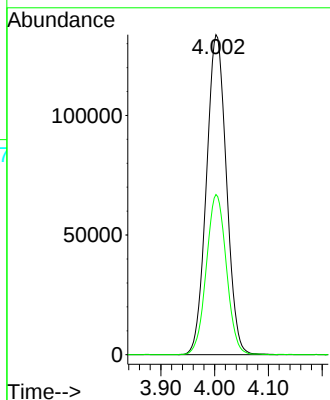
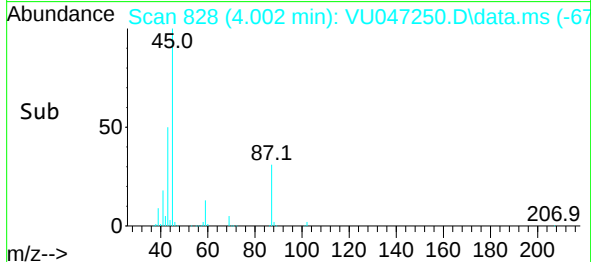
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MSD



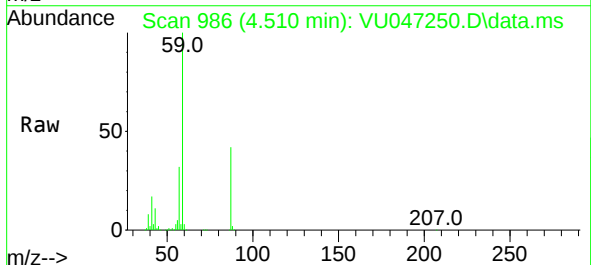
Tgt Ion: 45 Resp: 345834
Ion Ratio Lower Upper
45 100
43 50.3 25.3 75.8

Manual Integrations
APPROVED

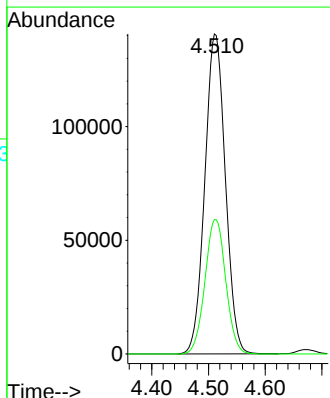
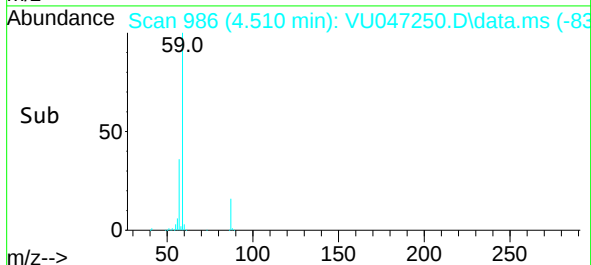
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

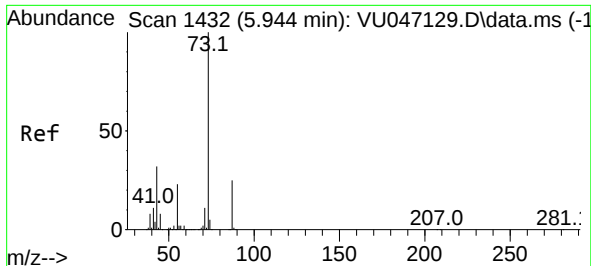


#32
Ethyl-t-butyl ether
Concen: 9.239 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44



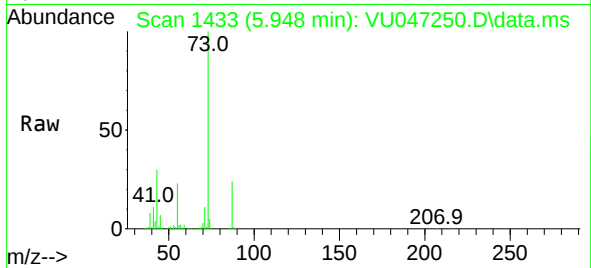
Tgt Ion: 59 Resp: 353928
Ion Ratio Lower Upper
59 100
87 42.6 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 9.038 ug/l
RT: 5.948 min Scan# 1432
Delta R.T. 0.003 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

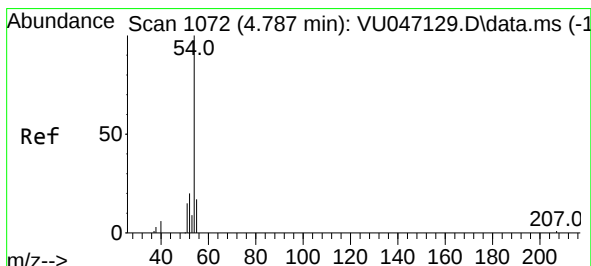
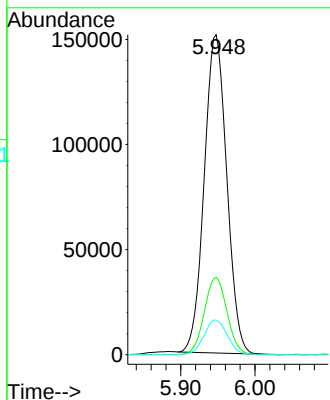
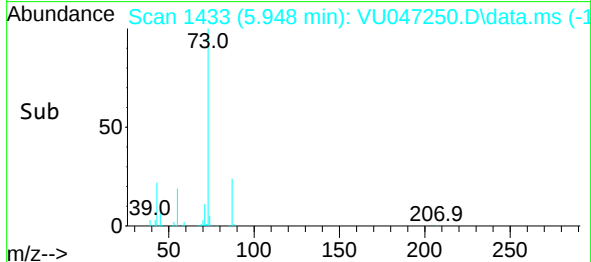
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MSD



Tgt Ion: 73 Resp: 318894
Ion Ratio Lower Upper
73 100
87 24.4 18.6 28.0
71 11.2 9.0 13.6

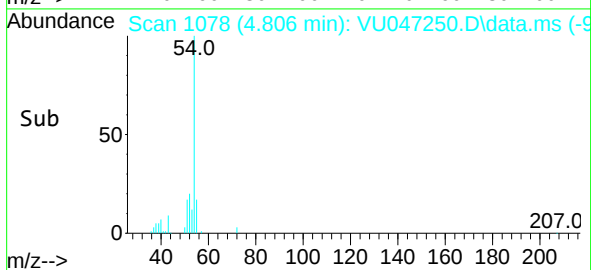
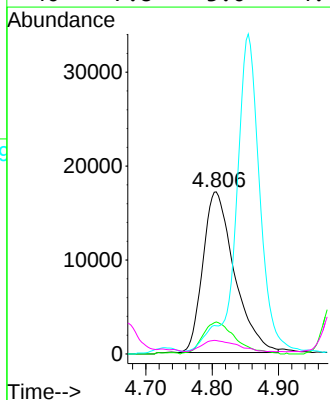
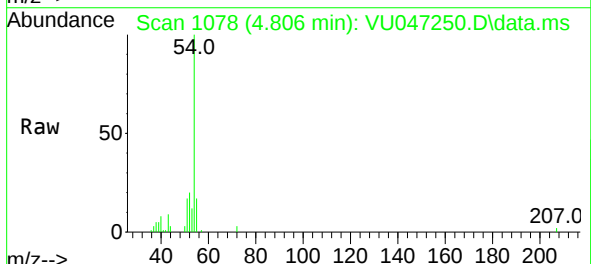
Manual Integrations
APPROVED

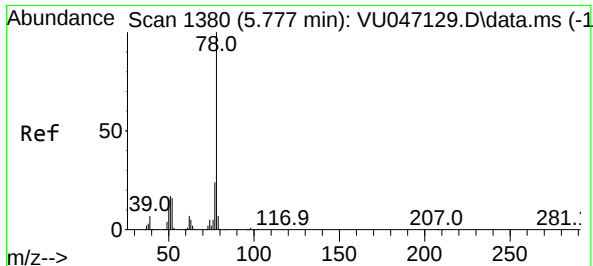
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#34
Propionitrile
Concen: 53.144 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.019 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

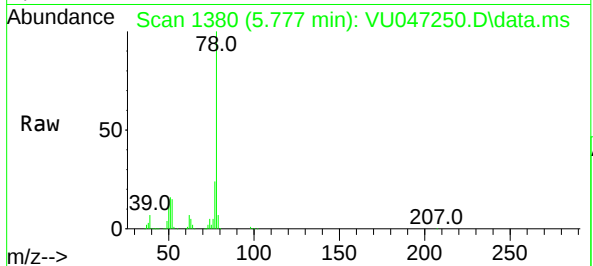
Tgt Ion: 54 Resp: 56435
Ion Ratio Lower Upper
54 100
52 20.7 11.9 17.9#
55 149.0 8.0 12.0#
40 7.8 3.0 4.4#





#35
Benzene
Concen: 9.710 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

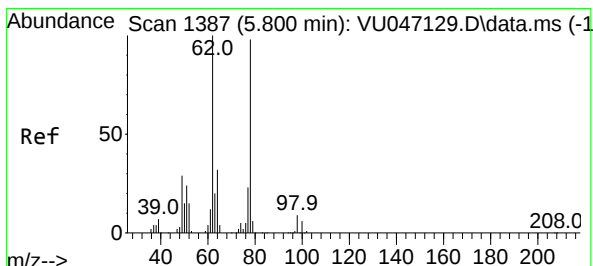
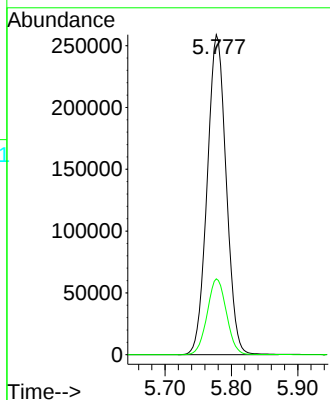
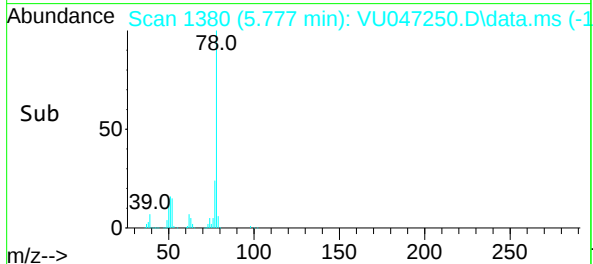
Instrument : MSVOA_U
ClientSampleId : PW-B6-L10-U-022222MSD



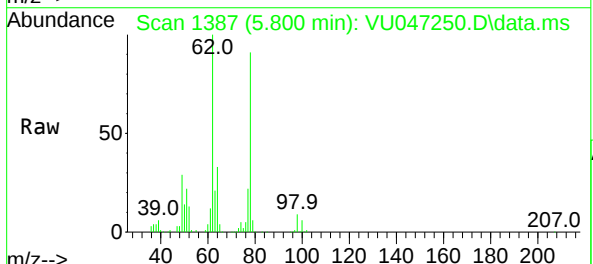
Tgt Ion: 78 Resp: 51556
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

Manual Integrations
APPROVED

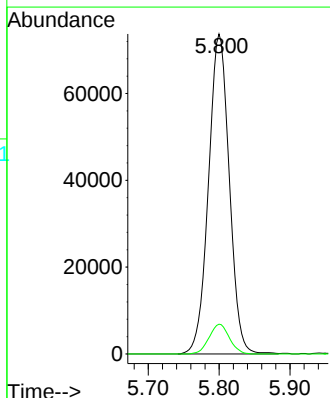
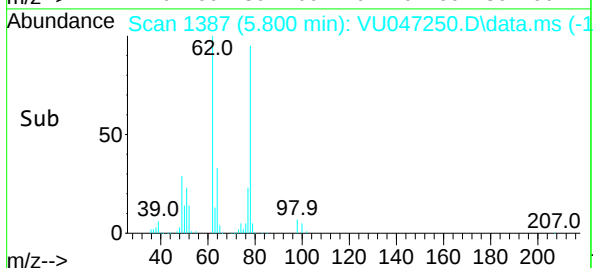
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

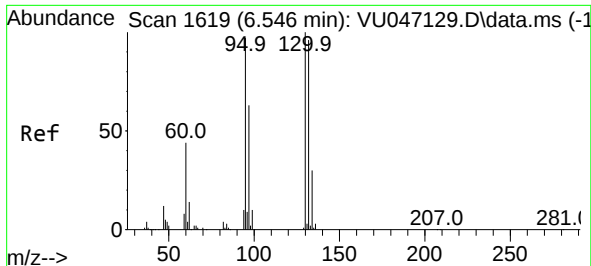


#36
1,2-Dichloroethane
Concen: 9.342 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44



Tgt Ion: 62 Resp: 150181
Ion Ratio Lower Upper
62 100
98 9.1 7.3 10.9





#37

Trichloroethene

Concen: 10.632 ug/l

RT: 6.546 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047250.D

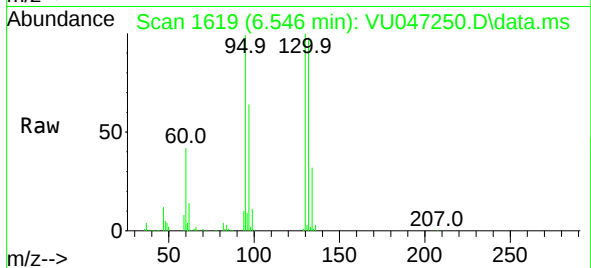
Acq: 23 Feb 2022 14:44

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MSD



Tgt Ion:130 Resp: 15630

Ion Ratio Lower Upper

130 100

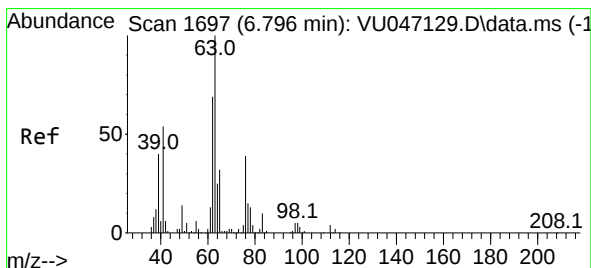
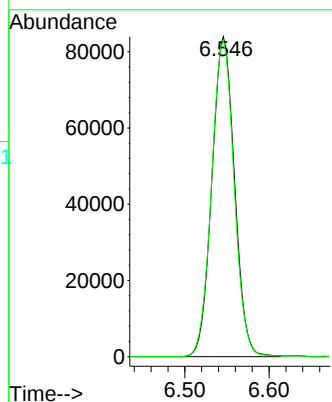
95 98.8 83.8 125.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#38

1,2-Dichloropropane

Concen: 9.434 ug/l

RT: 6.796 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VU047250.D

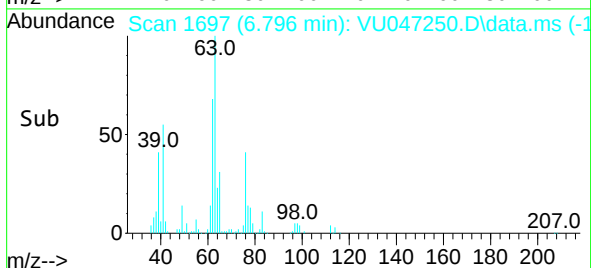
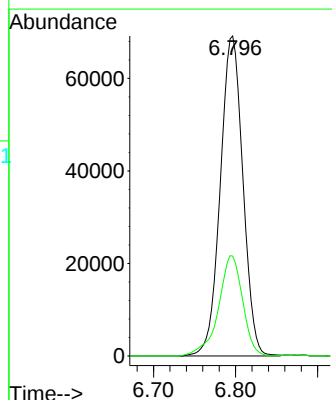
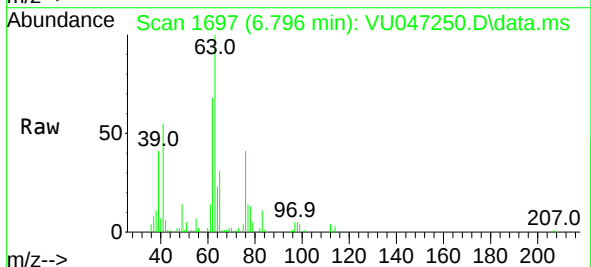
Acq: 23 Feb 2022 14:44

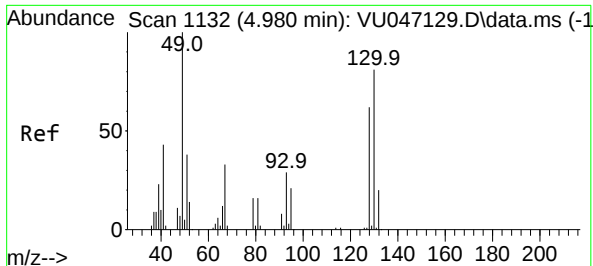
Tgt Ion: 63 Resp: 132562

Ion Ratio Lower Upper

63 100

65 31.2 24.7 37.1





#39

Methacrylonitrile

Concen: 9.038 ug/l

RT: 4.983 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU047250.D

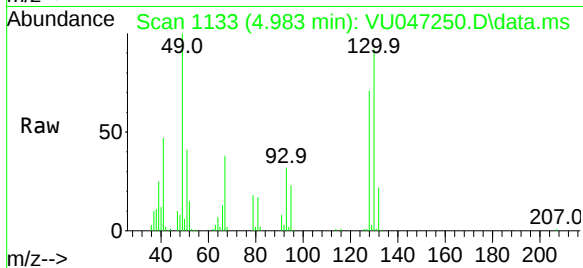
Acq: 23 Feb 2022 14:44

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MSD



Tgt Ion: 41 Resp: 4377

Ion Ratio Lower Upper

41 100

67 82.1 65.2 97.8

39 54.2 43.0 64.6

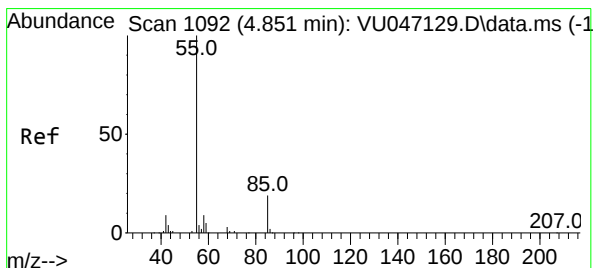
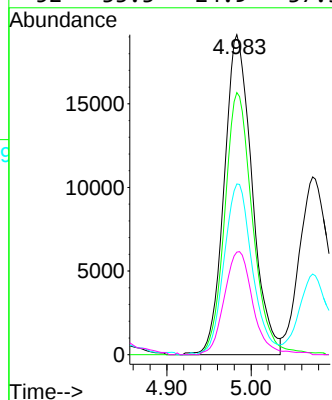
52 33.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#40

Methyl acrylate

Concen: 10.269 ug/l

RT: 4.854 min Scan# 1093

Delta R.T. 0.003 min

Lab File: VU047250.D

Acq: 23 Feb 2022 14:44

Tgt Ion: 55 Resp: 84062

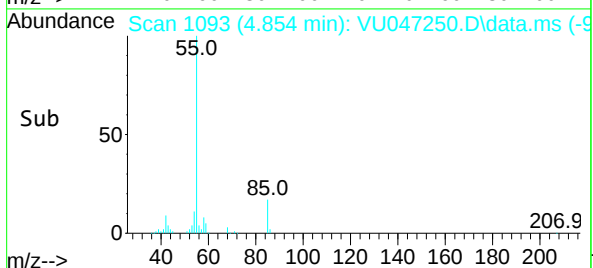
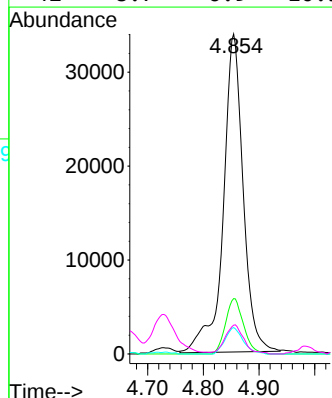
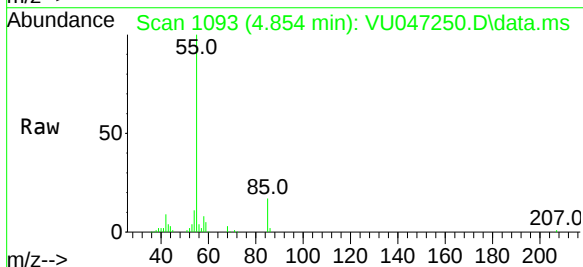
Ion Ratio Lower Upper

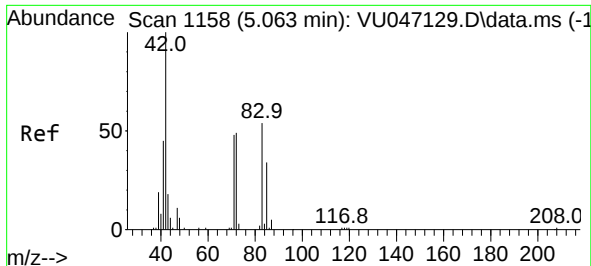
55 100

85 15.8 12.2 18.2

58 7.5 6.7 10.1

42 8.7 6.9 10.3





#41

Tetrahydrofuran

Concen: 18.964 ug/l

RT: 5.073 min Scan# 1161

Delta R.T. 0.010 min

Lab File: VU047250.D

Acq: 23 Feb 2022 14:44

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MSD

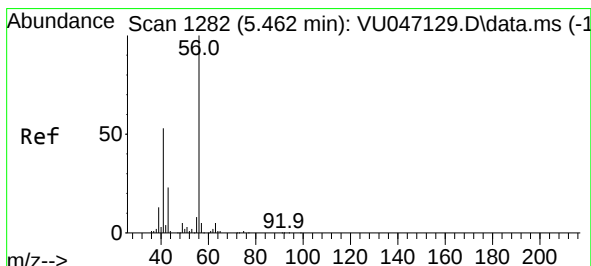
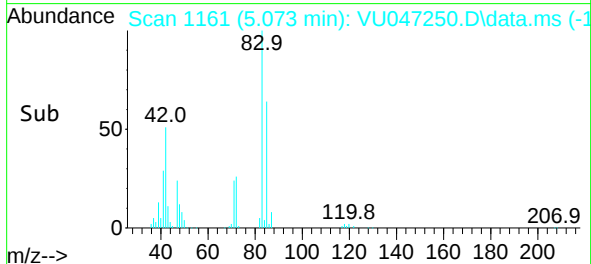
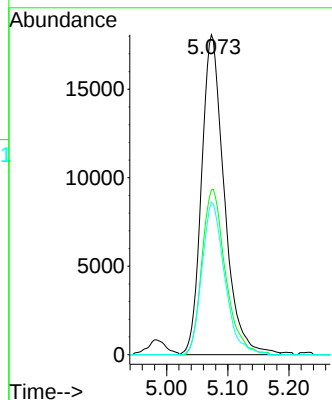
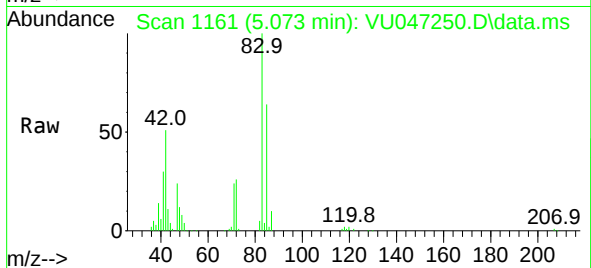
Tgt Ion: 42 Resp: 46784

Ion	Ratio	Lower	Upper
42	100		
72	53.4	42.4	63.6
71	47.8	36.4	54.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#42

1-Chlorobutane

Concen: 9.404 ug/l

RT: 5.462 min Scan# 1282

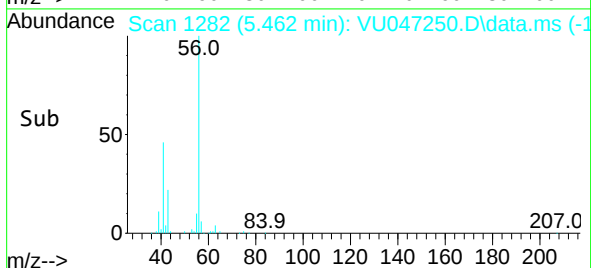
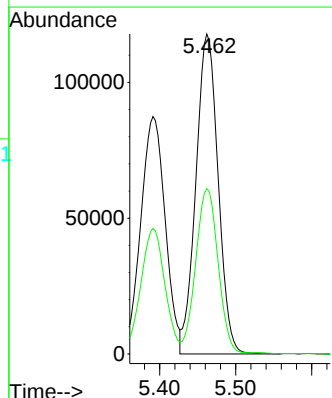
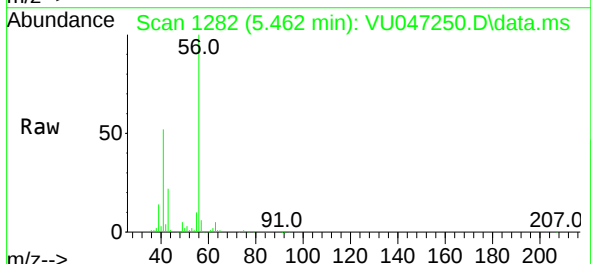
Delta R.T. -0.000 min

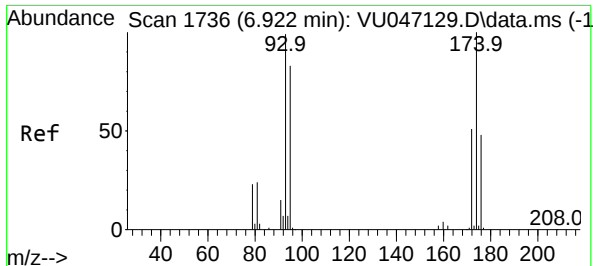
Lab File: VU047250.D

Acq: 23 Feb 2022 14:44

Tgt Ion: 56 Resp: 239254

Ion	Ratio	Lower	Upper
56	100		
41	51.6	26.0	78.0





#43

Dibromomethane

Concen: 9.438 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VU047250.D

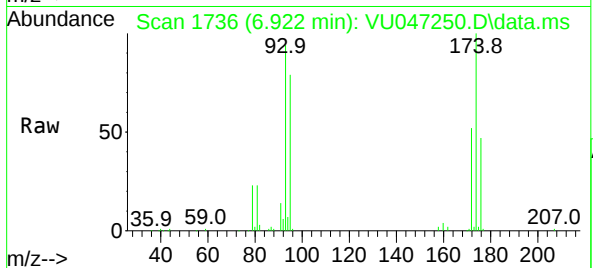
Acq: 23 Feb 2022 14:44

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MSD

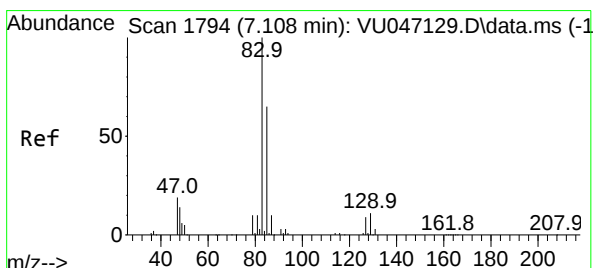
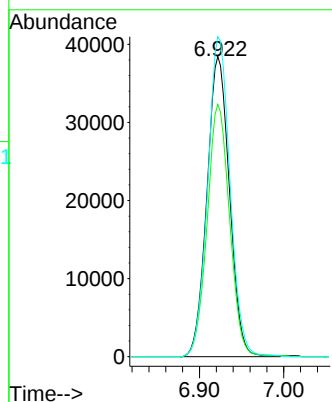


Tgt Ion: 93	Resp: 71520
Ion Ratio	Lower Upper
93	100
95	83.6 66.2 99.2
174	105.9 70.7 106.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#44

Bromodichloromethane

Concen: 9.556 ug/l

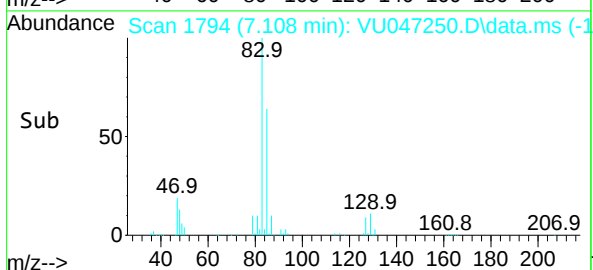
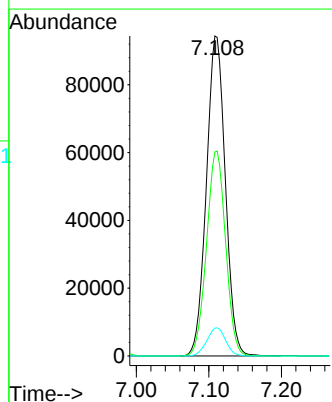
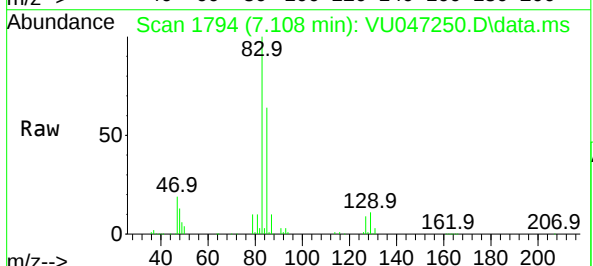
RT: 7.108 min Scan# 1794

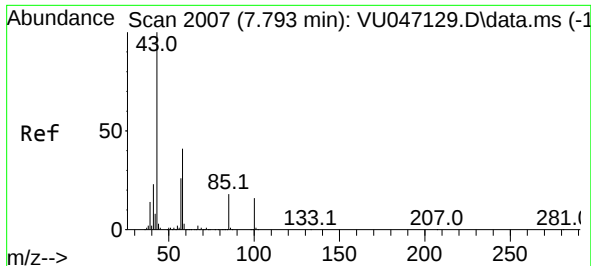
Delta R.T. -0.000 min

Lab File: VU047250.D

Acq: 23 Feb 2022 14:44

Tgt Ion: 83	Resp: 171265
Ion Ratio	Lower Upper
83	100
85	63.8 50.9 76.3
127	8.7 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 41.411 ug/l

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047250.D

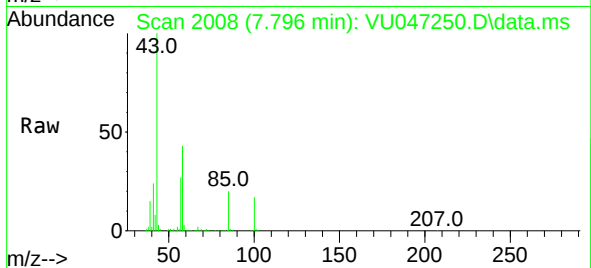
Acq: 23 Feb 2022 14:44

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MSD



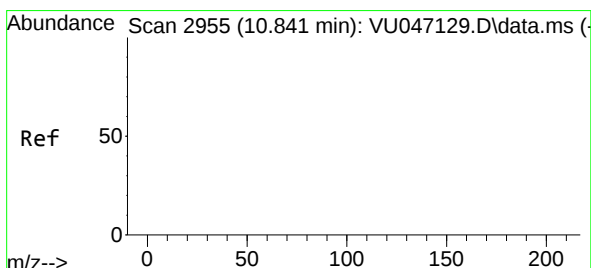
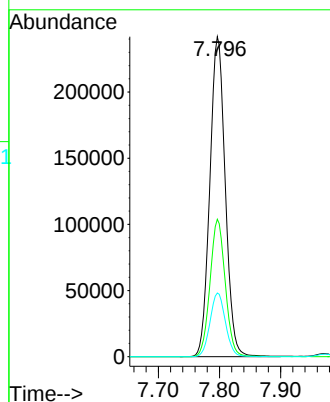
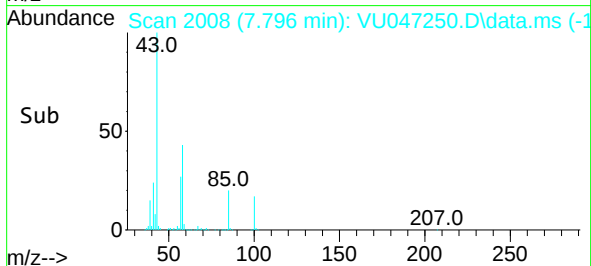
Tgt Ion:	43	Resp:	424430
Ion Ratio	Lower	Upper	
43	100		
58	42.4	21.0	63.0
85	19.9	14.8	22.2

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#46

t-1,4-Dichloro-2-butene

Concen: 19.299 ug/l m

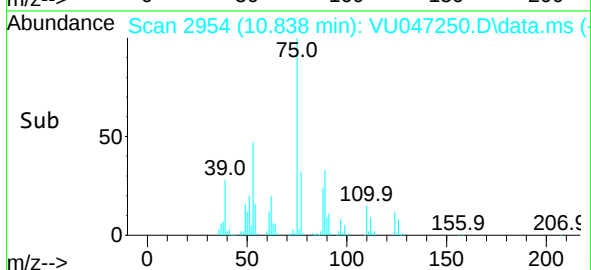
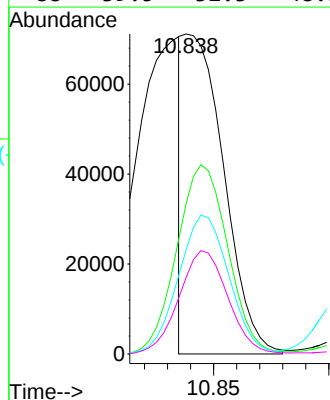
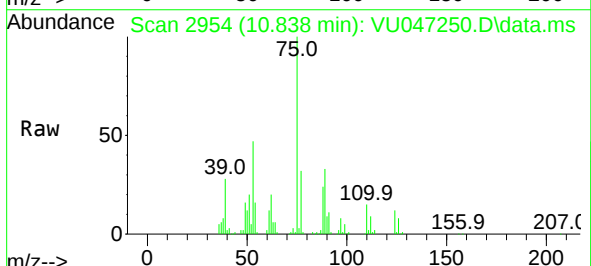
RT: 10.838 min Scan# 2954

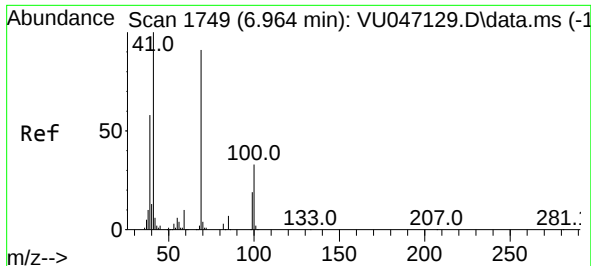
Delta R.T. -0.003 min

Lab File: VU047250.D

Acq: 23 Feb 2022 14:44

Tgt Ion:	75	Resp:	86102
Ion Ratio	Lower	Upper	
75	100		
53	75.4	66.8	100.2
89	54.8	41.7	62.5
88	39.5	32.3	48.5





#47

Methyl methacrylate

Concen: 17.622 ug/l

RT: 6.967 min Scan# 1749

Delta R.T. 0.003 min

Lab File: VU047250.D

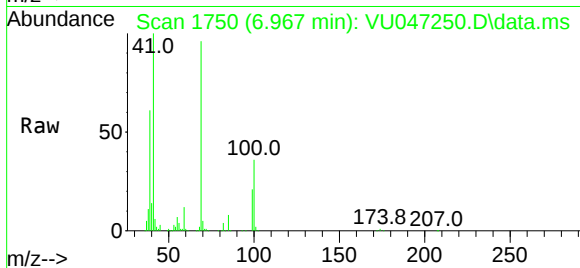
Acq: 23 Feb 2022 14:44

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MSD



Tgt Ion: 69 Resp: 14004

Ion Ratio Lower Upper

69 100

41 104.6 0.0 230.0

39 62.8 55.1 82.7

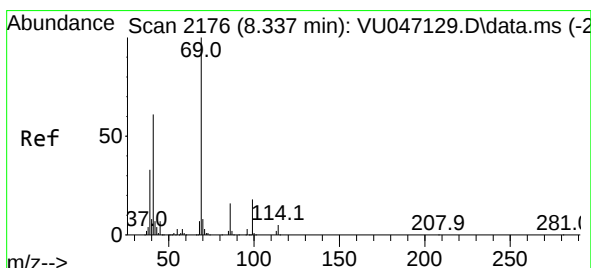
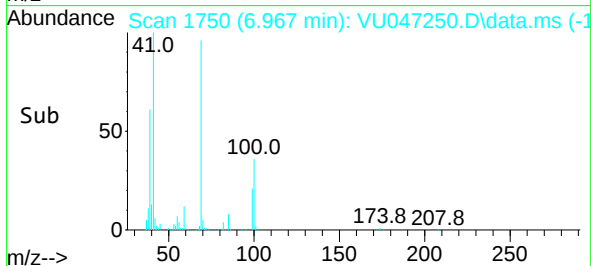
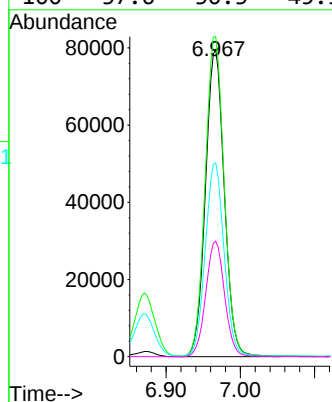
100 37.6 30.3 45.5

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Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#48

Ethyl methacrylate

Concen: 8.744 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. -0.000 min

Lab File: VU047250.D

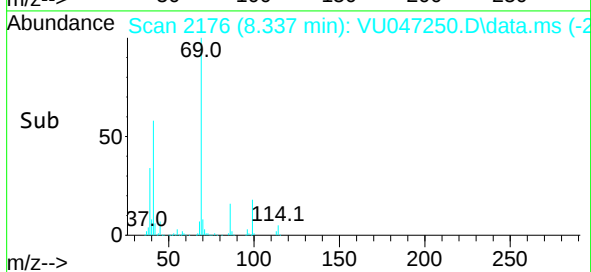
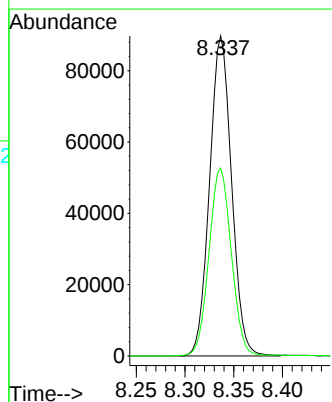
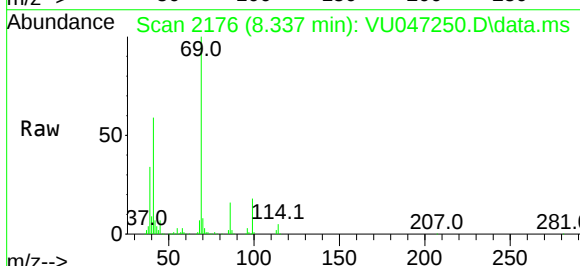
Acq: 23 Feb 2022 14:44

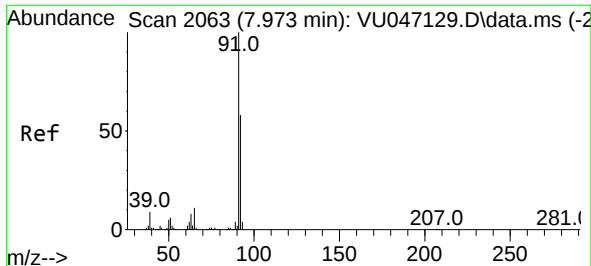
Tgt Ion: 69 Resp: 140865

Ion Ratio Lower Upper

69 100

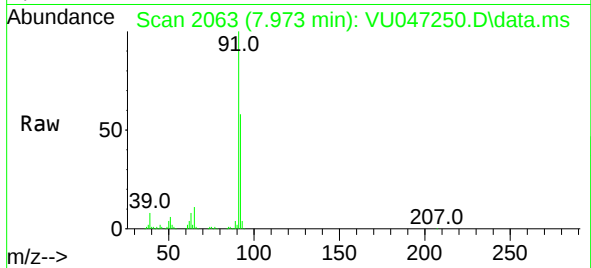
41 59.9 32.6 98.0





#49
Toluene
Concen: 9.656 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

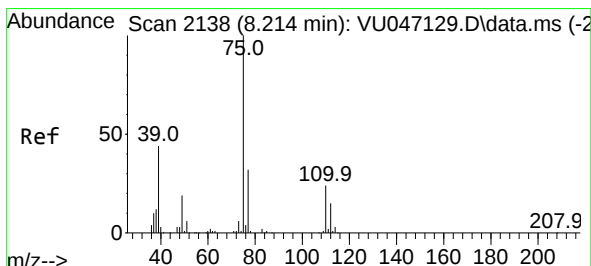
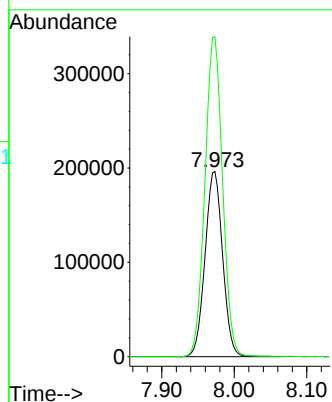
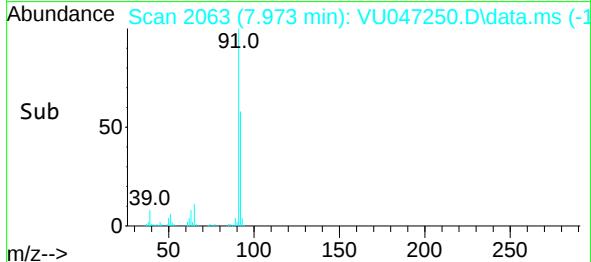
Instrument : MSVOA_U
ClientSampleId : PW-B6-L10-U-022222MSD



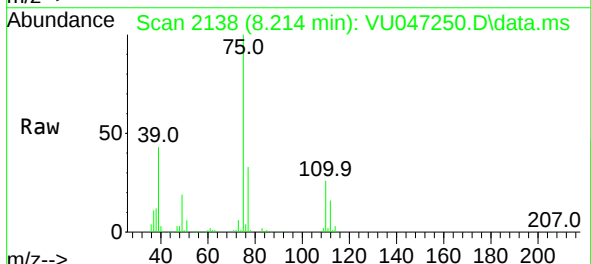
Tgt Ion: 92 Resp: 330729
Ion Ratio Lower Upper
92 100
91 173.8 136.8 205.2

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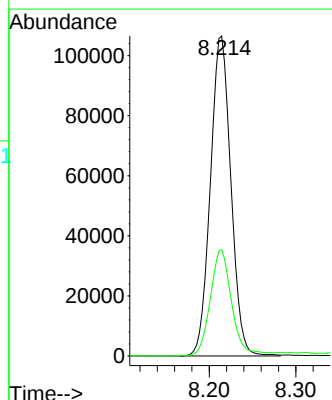
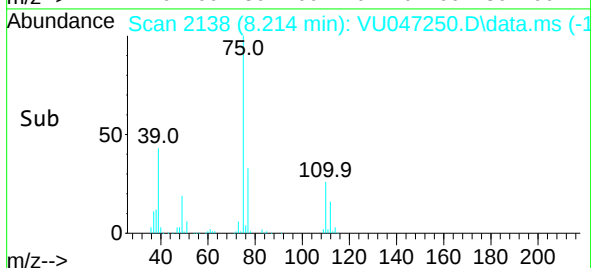
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

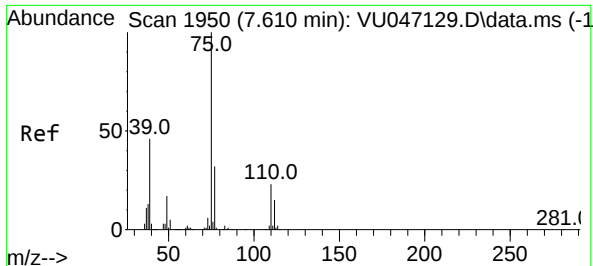


#50
t-1,3-Dichloropropene
Concen: 9.034 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44



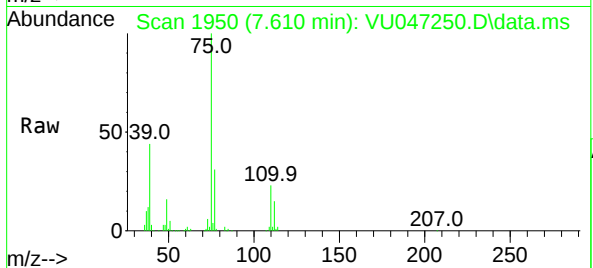
Tgt Ion: 75 Resp: 175252
Ion Ratio Lower Upper
75 100
77 33.1 25.6 38.4





#51
 cis-1,3-Dichloropropene
 Concen: 9.332 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VU047250.D
 Acq: 23 Feb 2022 14:44

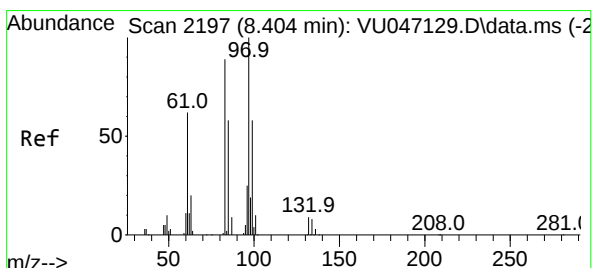
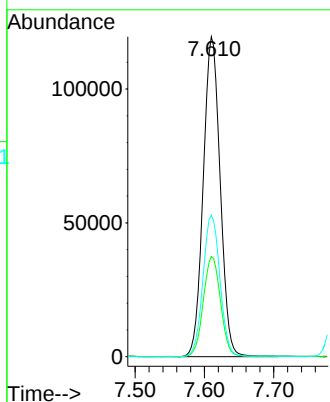
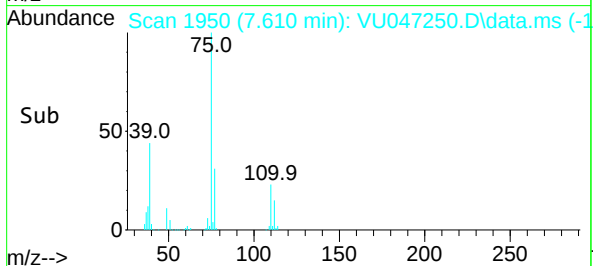
Instrument : MSVOA_U
 ClientSampleId : VU047250.D
 PW-B6-L10-U-022222MSD



Tgt Ion: 75 Resp: 202957
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.2 37.8
 39 44.3 38.6 57.8

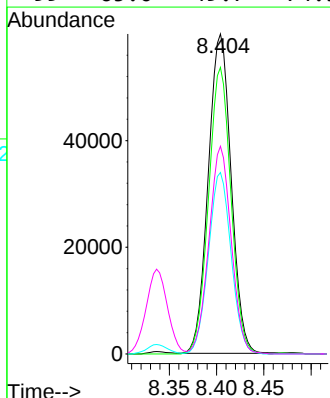
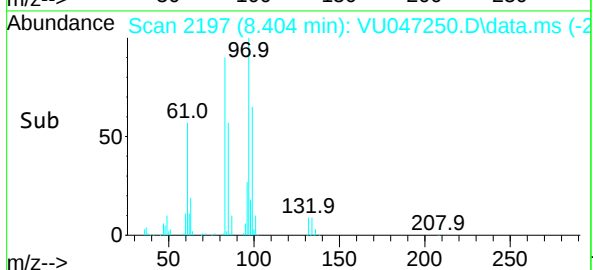
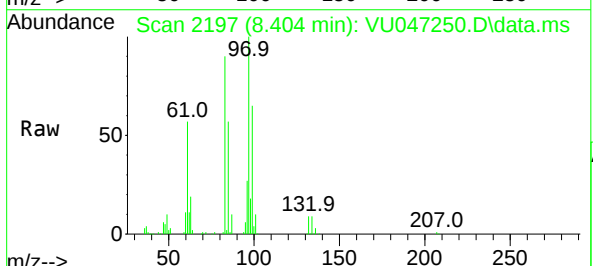
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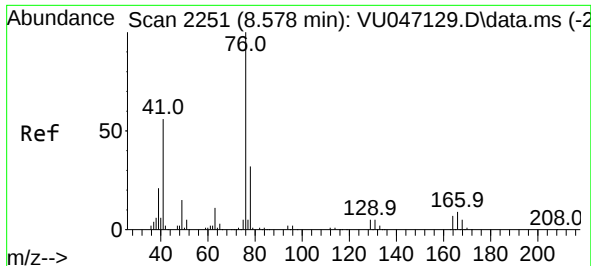
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#52
 1,1,2-Trichloroethane
 Concen: 9.338 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. -0.000 min
 Lab File: VU047250.D
 Acq: 23 Feb 2022 14:44

Tgt Ion: 97 Resp: 100957
 Ion Ratio Lower Upper
 97 100
 83 89.7 69.8 104.8
 85 56.8 44.2 66.4
 99 65.0 49.7 74.5





#53

1,3-Dichloropropane

Concen: 8.966 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047250.D

Acq: 23 Feb 2022 14:44

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MSD

Tgt Ion: 76 Resp: 17320

Ion Ratio Lower Upper

76 100

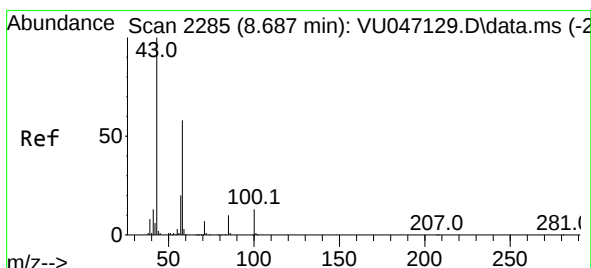
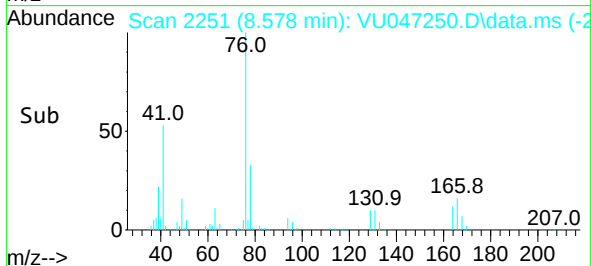
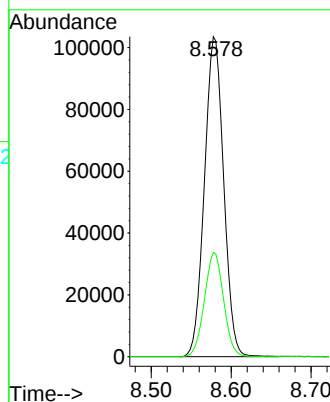
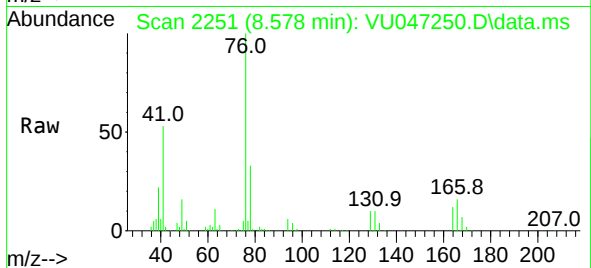
78 32.4 25.4 38.2

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Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#54

2-Hexanone

Concen: 40.063 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU047250.D

Acq: 23 Feb 2022 14:44

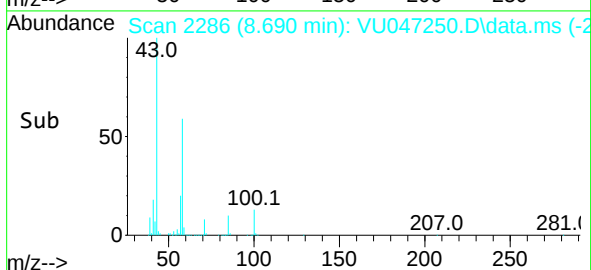
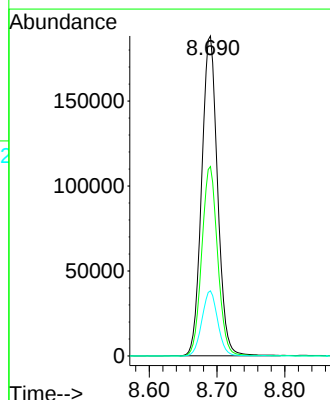
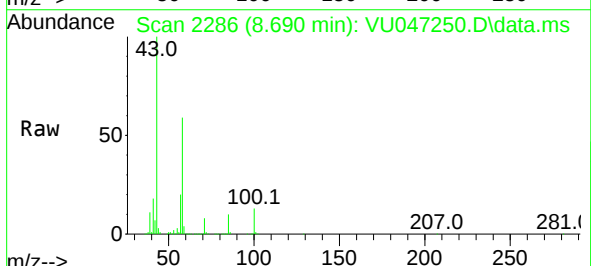
Tgt Ion: 43 Resp: 305903

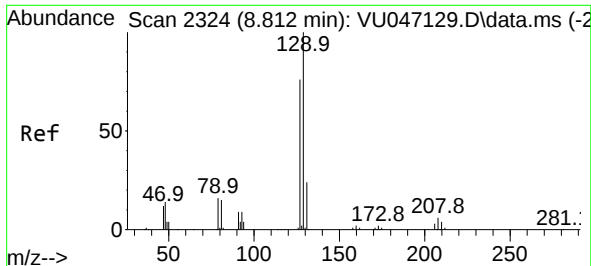
Ion Ratio Lower Upper

43 100

58 59.2 37.7 77.7

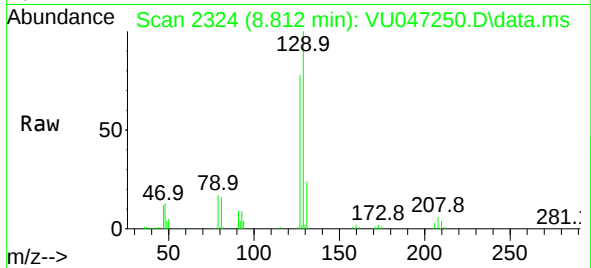
57 20.3 0.5 40.5





#55
Dibromochloromethane
Concen: 9.292 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

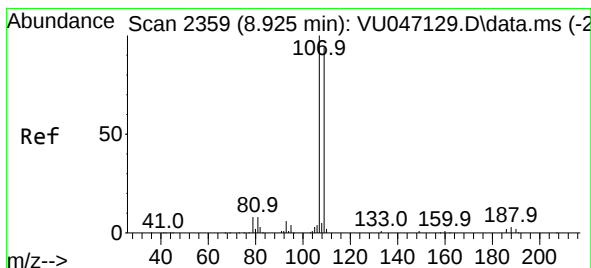
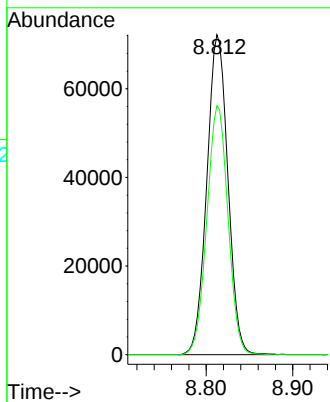
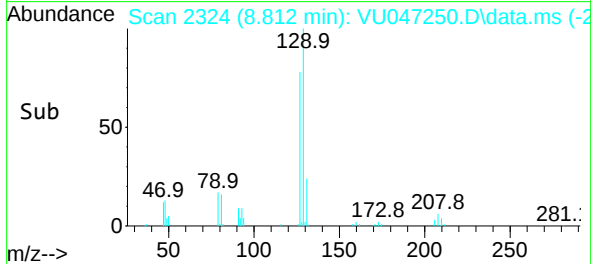
Instrument : MSVOA_U
ClientSampleId : PW-B6-L10-U-022222MSD



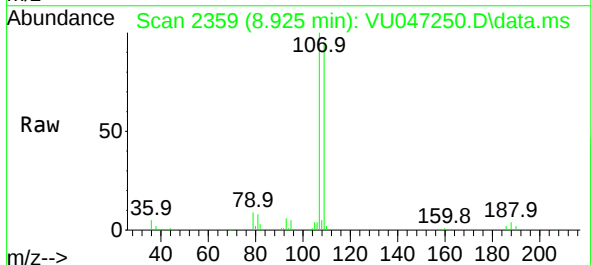
Tgt Ion:129 Resp: 122138
Ion Ratio Lower Upper
129 100
127 78.0 62.2 93.4

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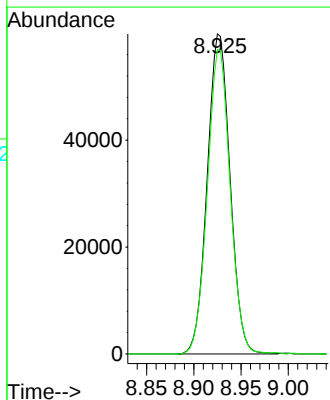
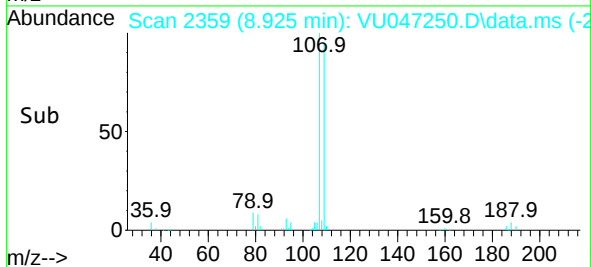
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

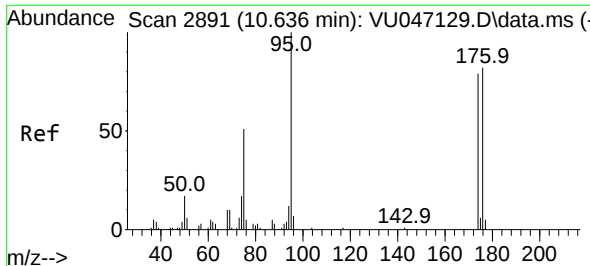


#56
1,2-Dibromoethane
Concen: 9.218 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44



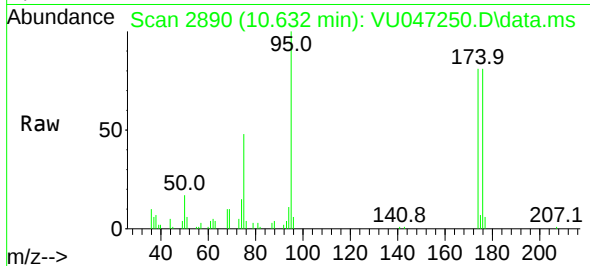
Tgt Ion:107 Resp: 100728
Ion Ratio Lower Upper
107 100
109 94.7 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.942 ug/l
RT: 10.632 min Scan# 2891
Delta R.T. -0.003 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

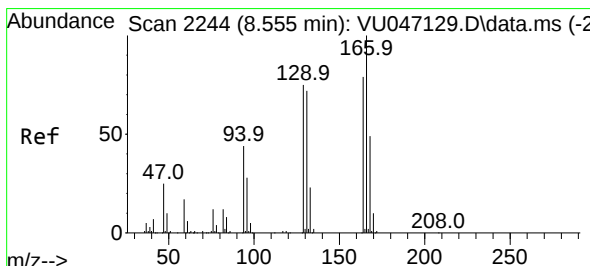
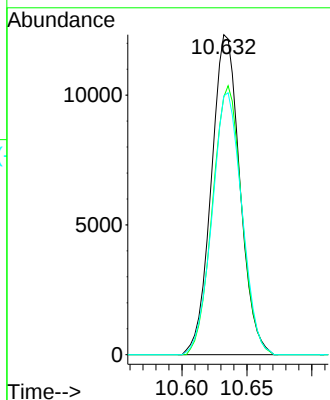
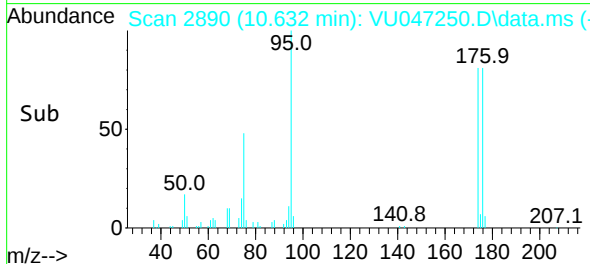
Instrument : MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MSD



Tgt Ion: 95 Resp: 1880
Ion Ratio Lower Upper
95 100
174 85.9 56.6 84.8
176 85.3 54.3 81.5

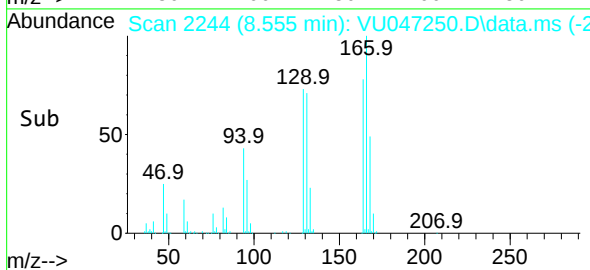
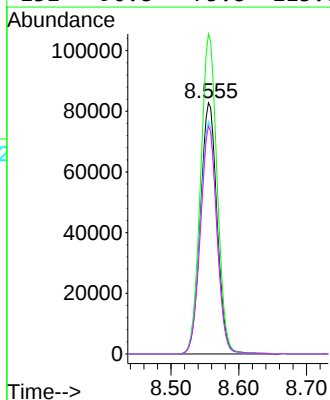
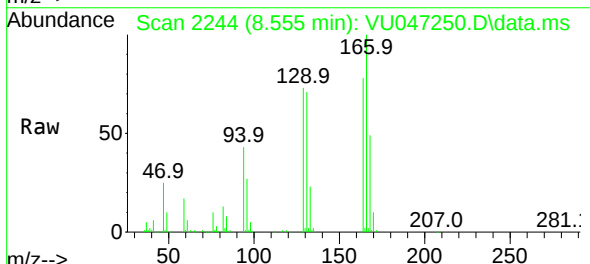
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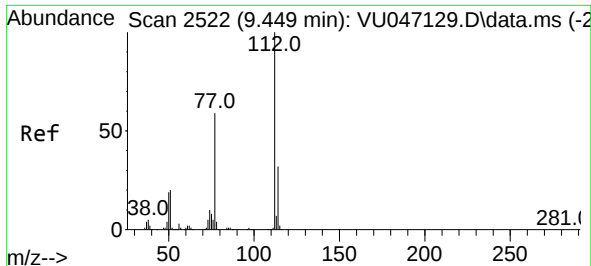
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#58
Tetrachloroethene
Concen: 10.382 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

Tgt Ion:164 Resp: 140842
Ion Ratio Lower Upper
164 100
166 127.4 102.0 153.0
129 92.6 77.1 115.7
131 90.8 75.8 113.6





#59

Chlorobenzene

Concen: 9.549 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047250.D

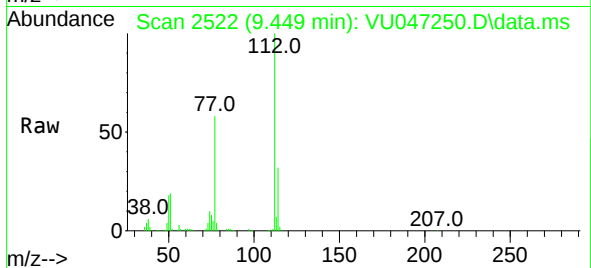
Acq: 23 Feb 2022 14:44

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MSD



Tgt Ion:112 Resp: 364654

Ion Ratio Lower Upper

112 100

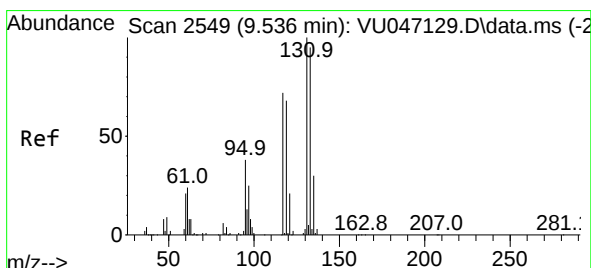
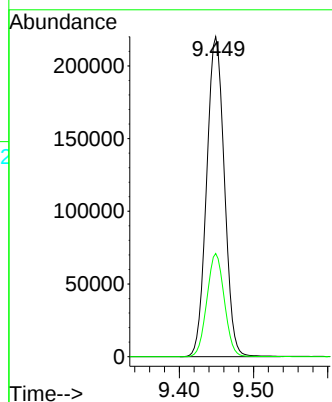
114 32.3 25.4 38.0

Manual Integrations

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#60

1,1,1,2-Tetrachloroethane

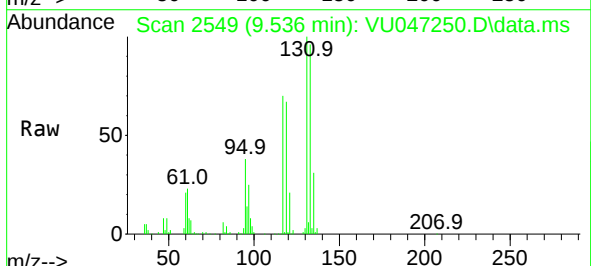
Concen: 9.904 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. -0.000 min

Lab File: VU047250.D

Acq: 23 Feb 2022 14:44



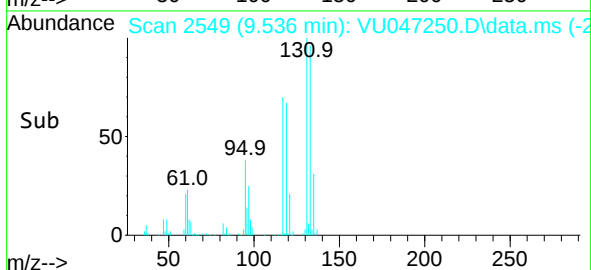
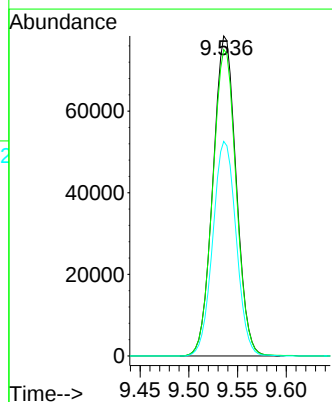
Tgt Ion:131 Resp: 129994

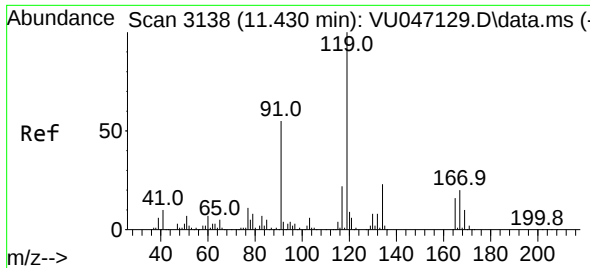
Ion Ratio Lower Upper

131 100

133 96.9 76.0 114.0

119 67.4 54.9 82.3





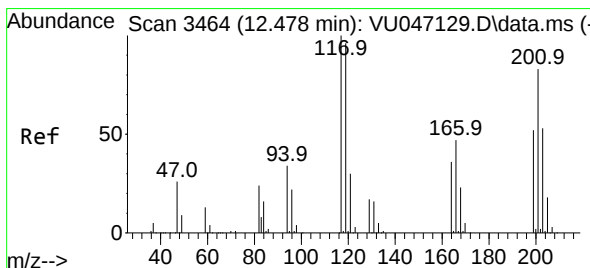
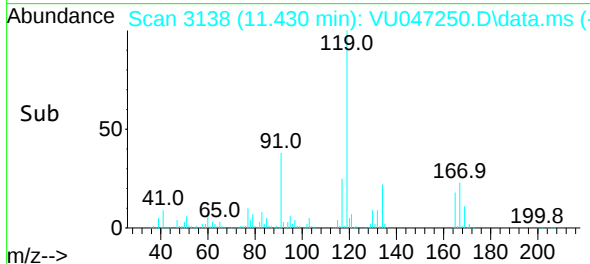
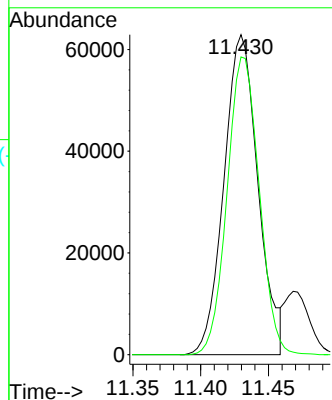
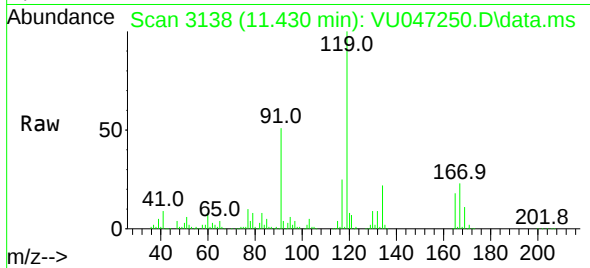
#61
Pentachloroethane
Concen: 11.031 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MSD

Tgt Ion:117 Resp: 10991
Ion Ratio Lower Upper
117 100
167 87.5 59.7 89.5

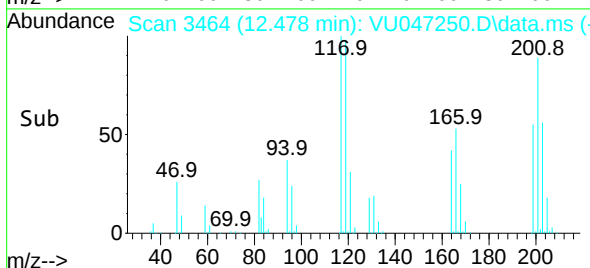
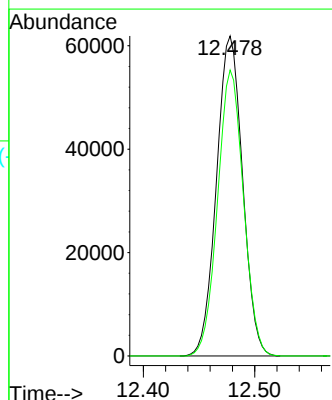
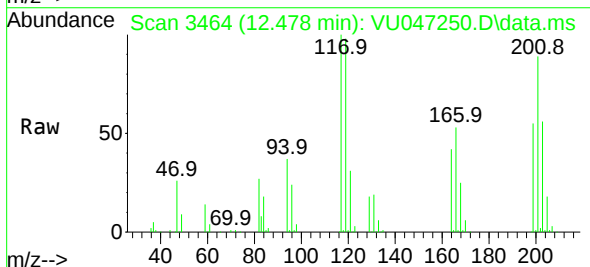
Manual Integrations
APPROVED

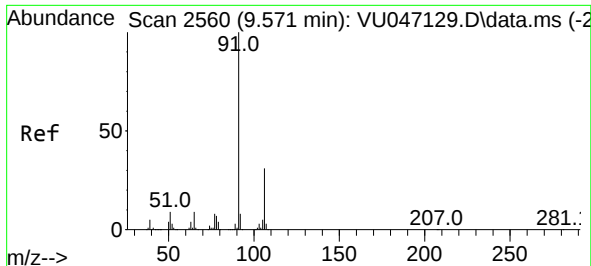
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#62
Hexachloroethane
Concen: 9.369 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

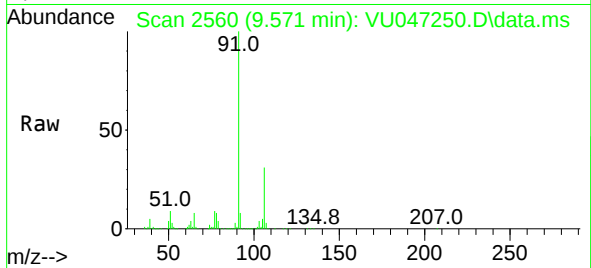
Tgt Ion:117 Resp: 100794
Ion Ratio Lower Upper
117 100
201 88.5 53.6 80.4#





#63
Ethyl Benzene
Concen: 9.532 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

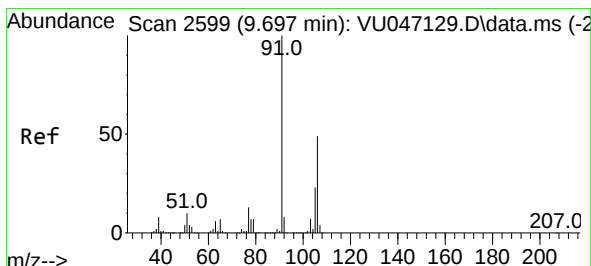
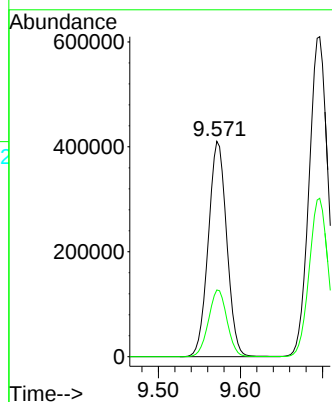
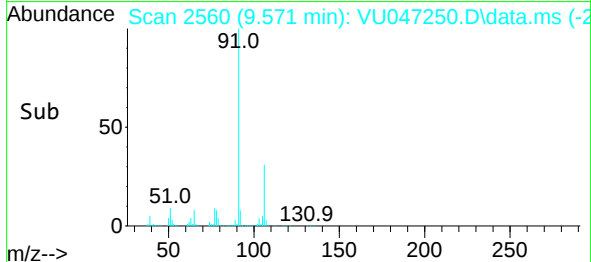
Instrument : MSVOA_U
ClientSampleId : PW-B6-L10-U-022222MSD



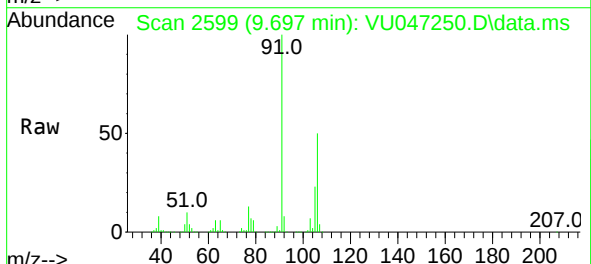
Tgt Ion: 91 Resp: 639940
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6

Manual Integrations
APPROVED

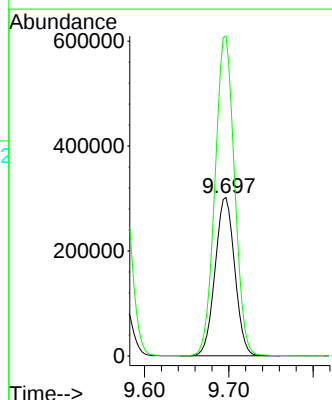
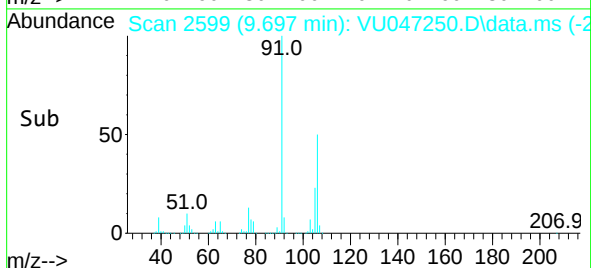
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

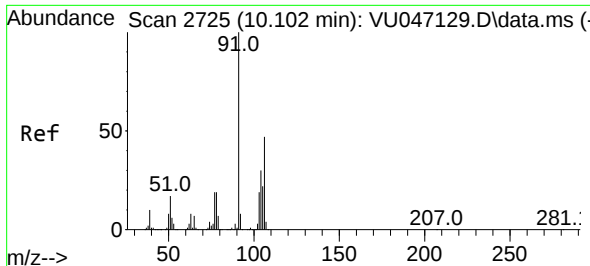


#64
m/p-Xylenes
Concen: 19.036 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44



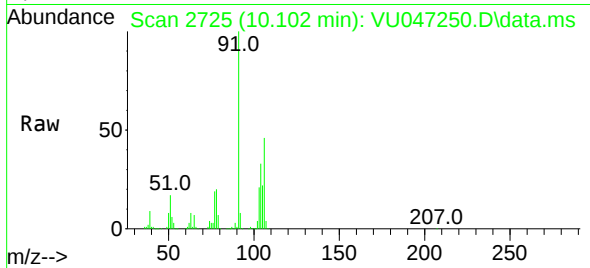
Tgt Ion:106 Resp: 487121
Ion Ratio Lower Upper
106 100
91 201.8 165.5 248.3





#65
o-Xylene
Concen: 9.527 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

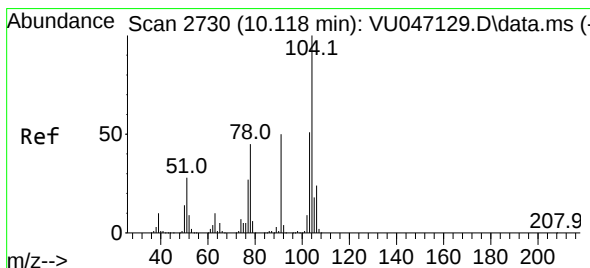
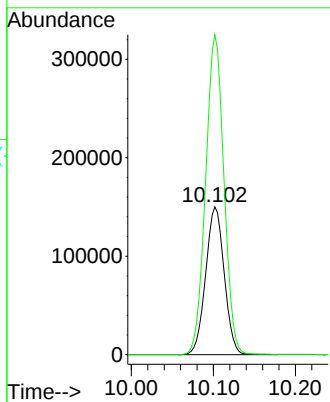
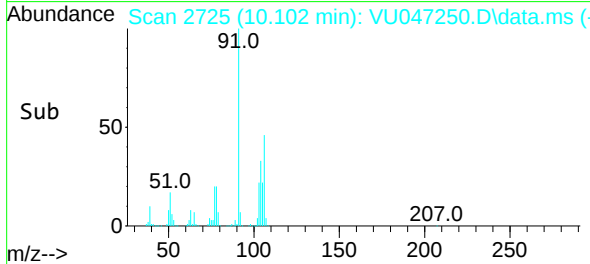
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MSD



Tgt Ion:106 Resp: 236179
Ion Ratio Lower Upper
106 100
91 214.3 109.4 328.2

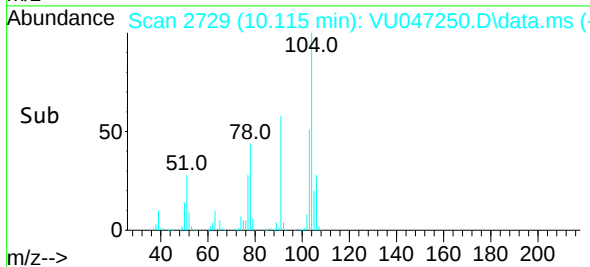
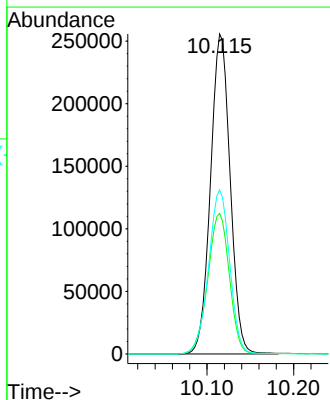
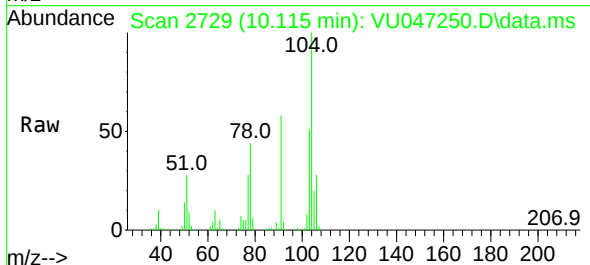
Manual Integrations
APPROVED

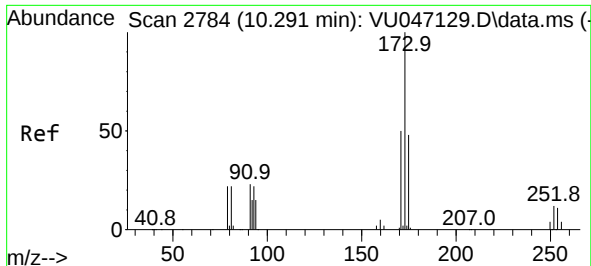
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#66
Styrene
Concen: 9.591 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

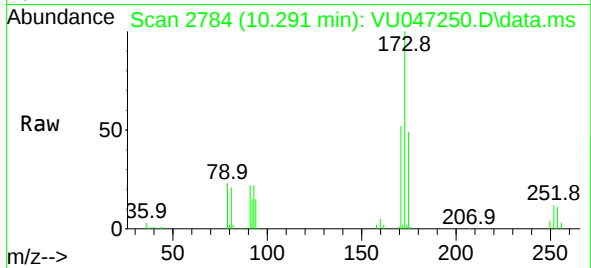
Tgt Ion:104 Resp: 403533
Ion Ratio Lower Upper
104 100
78 48.3 42.4 63.6
103 55.1 44.2 66.4





#67
Bromoform
Concen: 8.983 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

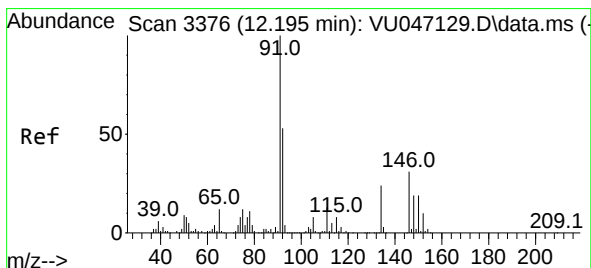
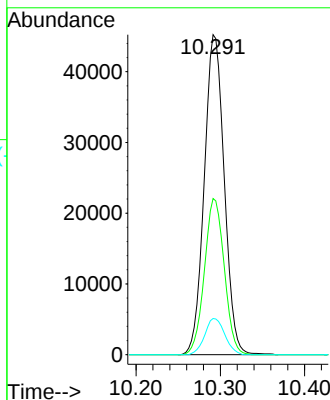
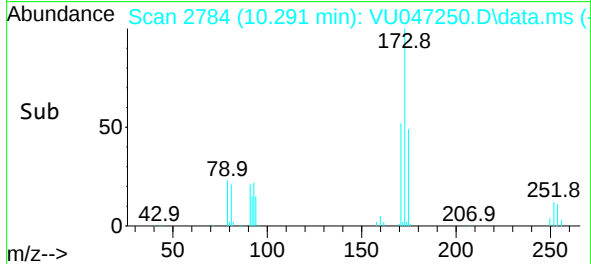
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MSD



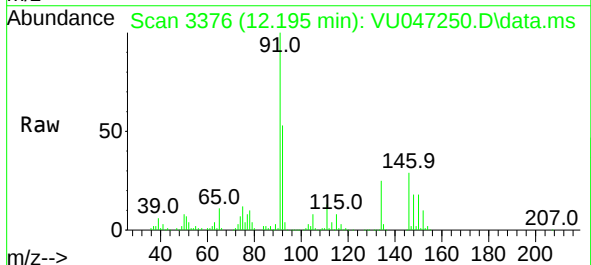
Tgt Ion:173 Resp: 7482
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.4
254 11.3 5.5 8.3

Manual Integrations
APPROVED

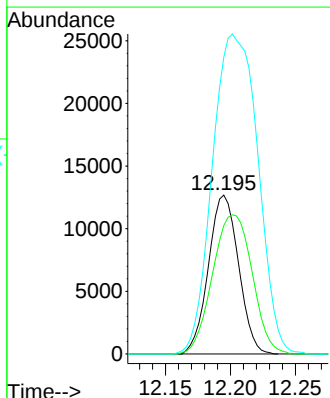
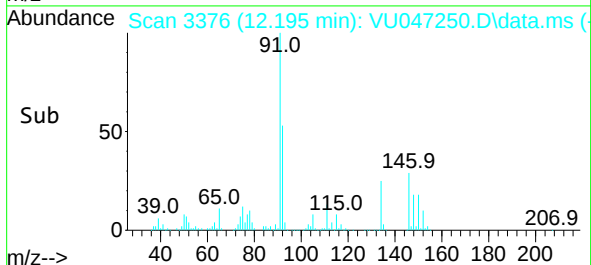
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

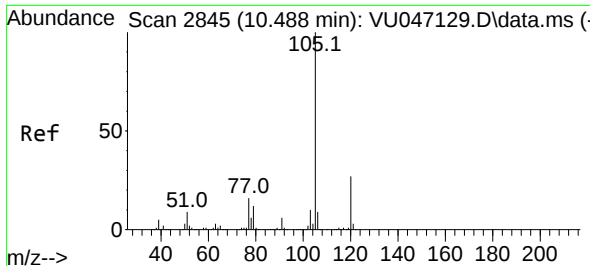


#68
1,2-Dichlorobenzene-d4
Concen: 0.983 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44



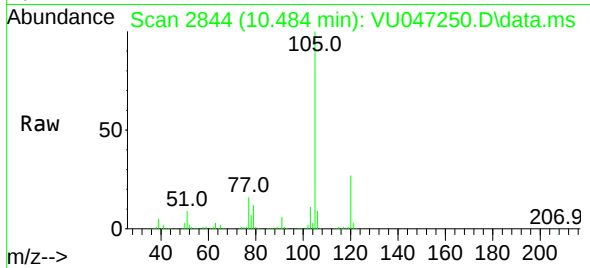
Tgt Ion:152 Resp: 20440
Ion Ratio Lower Upper
152 100
115 115.2 0.0 251.0
150 303.8 0.0 613.8





#69
Isopropylbenzene
Concen: 9.482 ug/l
RT: 10.484 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

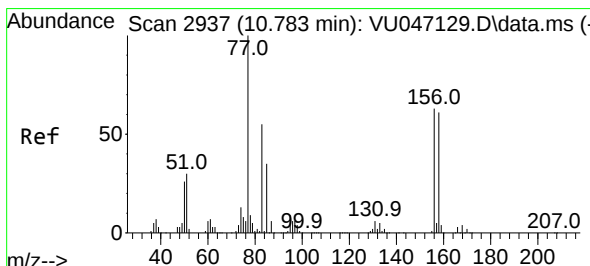
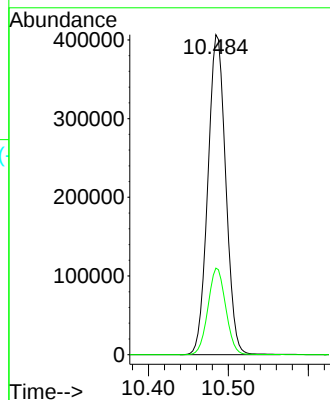
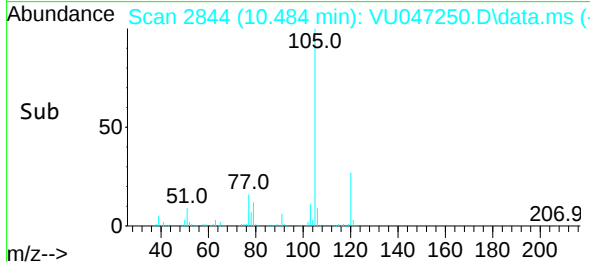
Instrument : MSVOA_U
ClientSampleId : PW-B6-L10-U-022222MSD



Tgt Ion:105 Resp: 632128
Ion Ratio Lower Upper
105 100
120 26.9 12.8 38.4

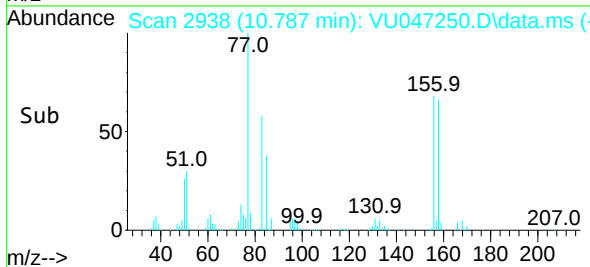
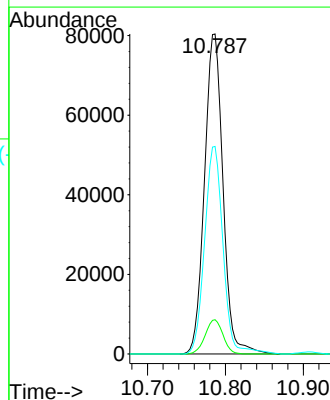
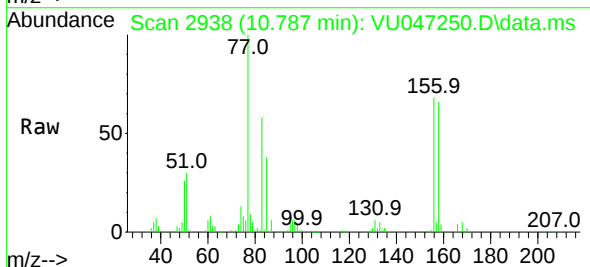
Manual Integrations
APPROVED

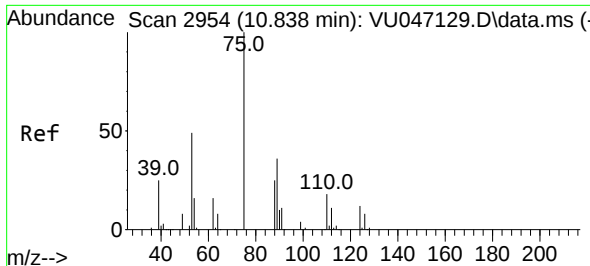
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 9.070 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

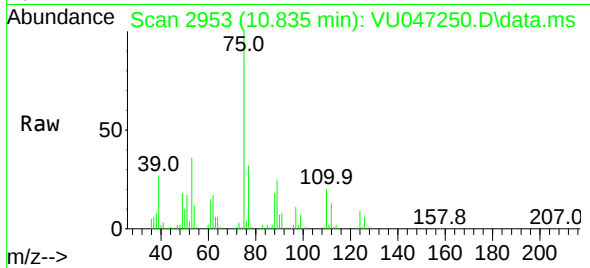
Tgt Ion: 83 Resp: 132583
Ion Ratio Lower Upper
83 100
131 10.3 7.6 11.4
85 64.6 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 7.786 ug/l m
RT: 10.835 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

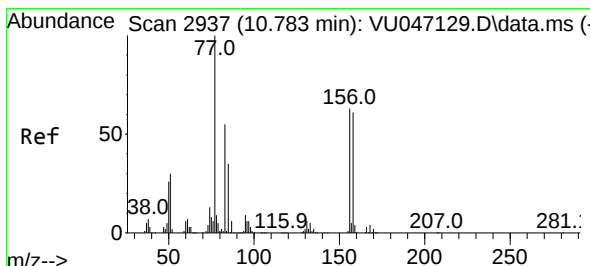
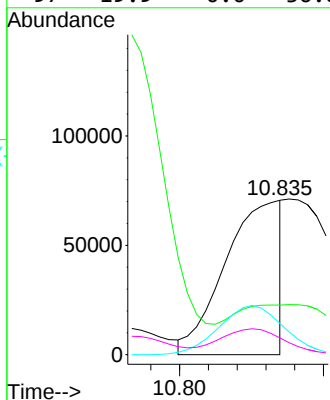
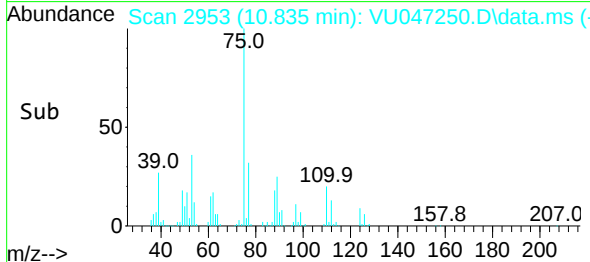
Instrument : MSVOA_U
ClientSampleId : PW-B6-L10-U-022222MSD



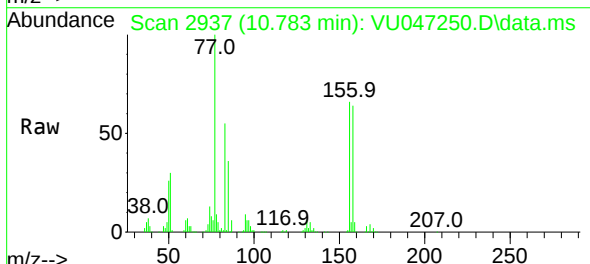
Tgt Ion: 75 Resp: 96050
Ion Ratio Lower Upper
75 100
77 58.8 0.0 105.6
110 37.1 0.0 71.2
97 19.9 0.0 36.8

Manual Integrations
APPROVED

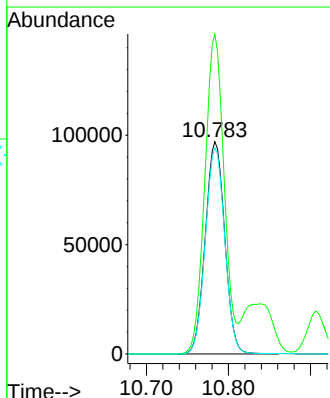
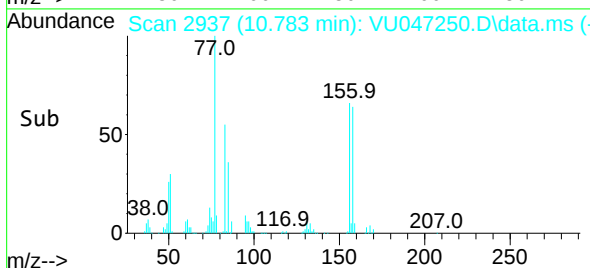
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

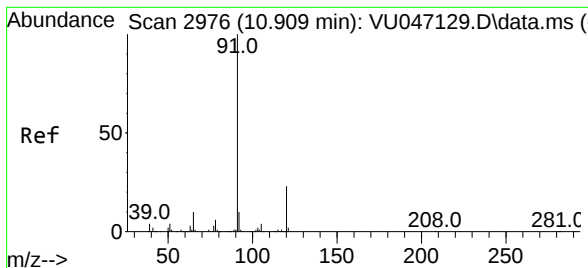


#72
Bromobenzene
Concen: 9.801 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44



Tgt Ion:156 Resp: 159583
Ion Ratio Lower Upper
156 100
77 150.1 0.0 370.6
158 97.0 0.0 193.4





#73

n-propylbenzene

Concen: 9.750 ug/l

RT: 10.906 min Scan# 2976

Delta R.T. -0.003 min

Lab File: VU047250.D

Acq: 23 Feb 2022 14:44

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-U-022222MSD

Tgt Ion:120 Resp: 178948

Ion Ratio Lower Upper

120 100

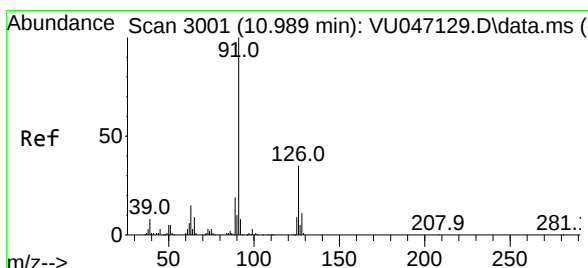
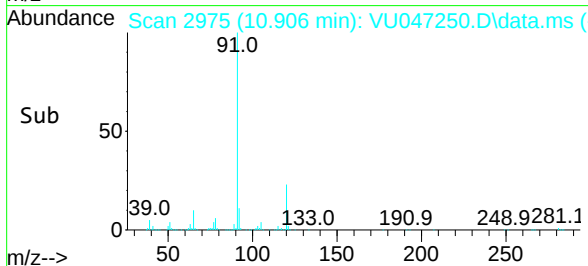
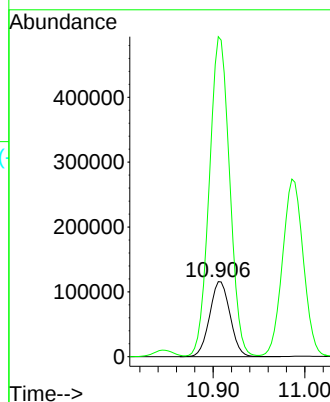
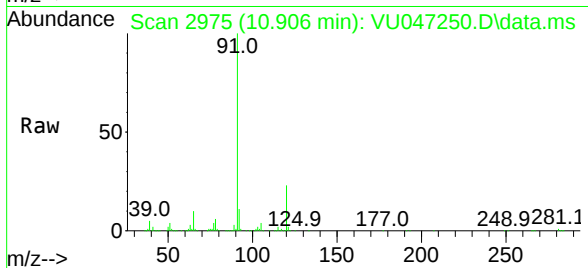
91 424.7 370.7 556.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#74

2-Chlorotoluene

Concen: 9.692 ug/l

RT: 10.986 min Scan# 3000

Delta R.T. -0.003 min

Lab File: VU047250.D

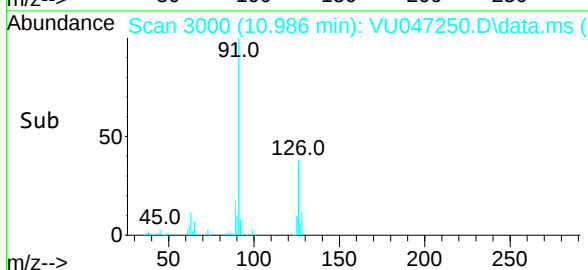
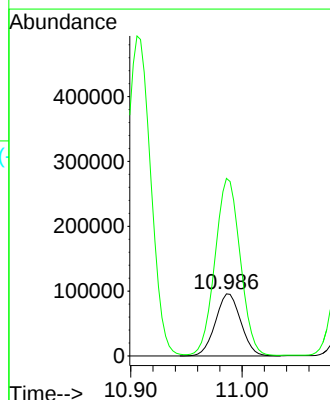
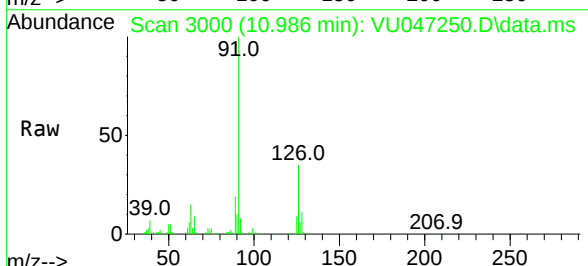
Acq: 23 Feb 2022 14:44

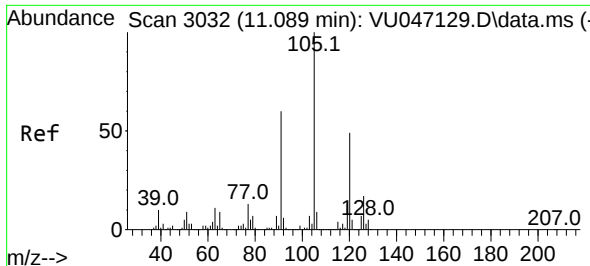
Tgt Ion:126 Resp: 151643

Ion Ratio Lower Upper

126 100

91 283.0 0.0 639.6





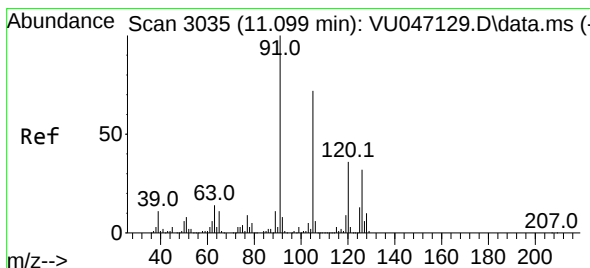
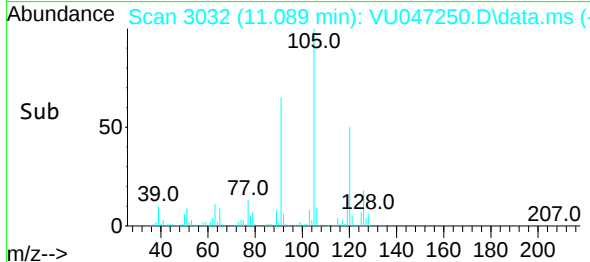
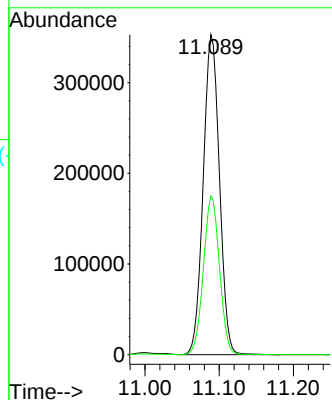
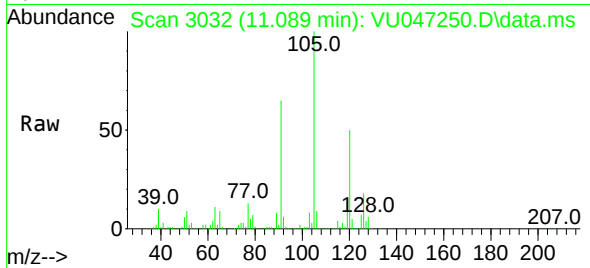
#75
1,3,5-Trimethylbenzene
Concen: 9.773 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MSD

Tgt Ion:105 Resp: 53434
Ion Ratio Lower Upper
105 100
120 49.1 38.6 58.0

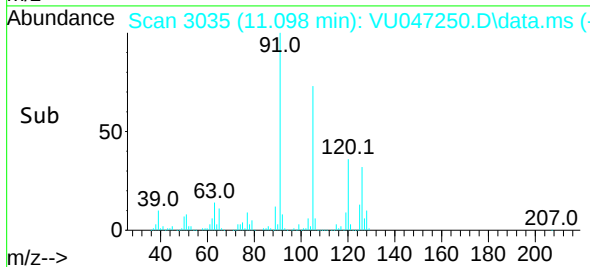
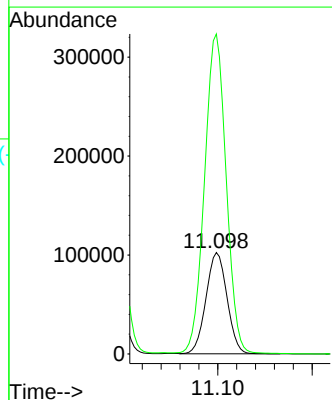
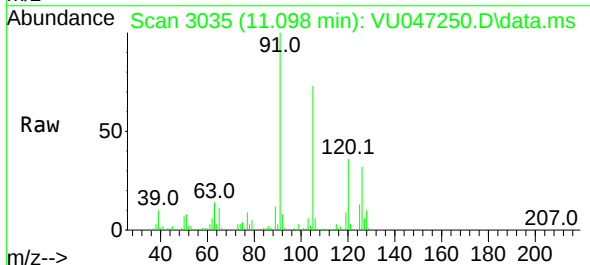
Manual Integrations
APPROVED

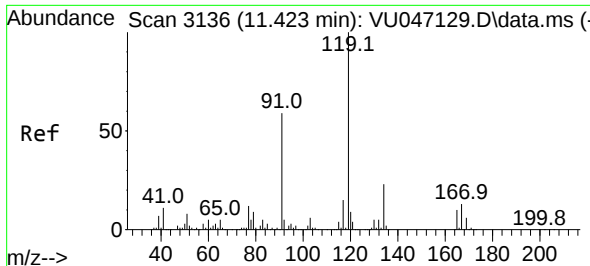
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#76
4-Chlorotoluene
Concen: 9.617 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

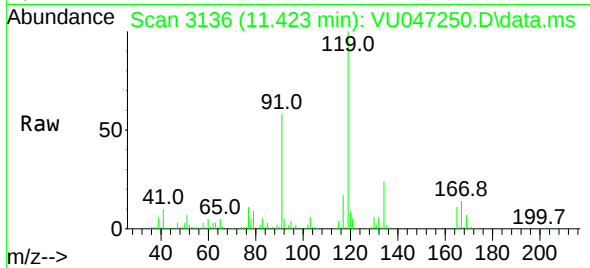
Tgt Ion:126 Resp: 158089
Ion Ratio Lower Upper
126 100
91 326.9 0.0 728.0





#77
tert-Butylbenzene
Concen: 9.789 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

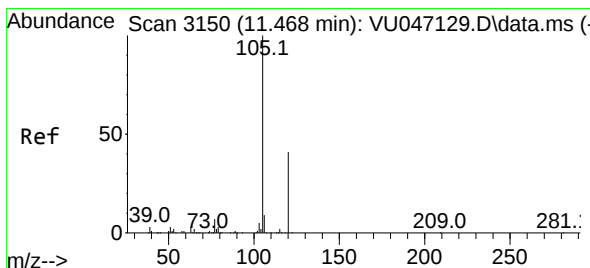
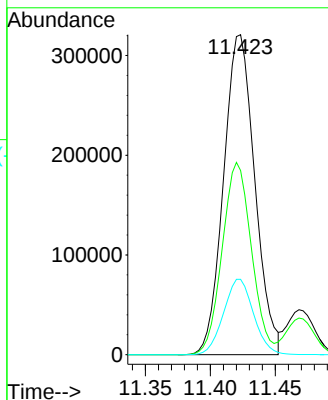
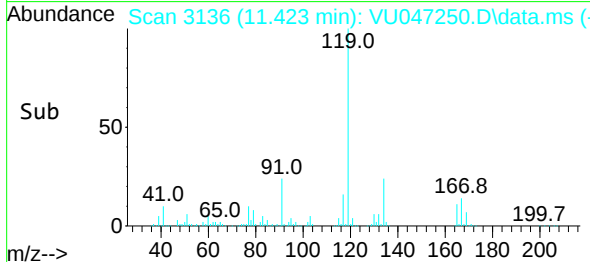
Instrument : MSVOA_U
ClientSampleId : PW-B6-L10-U-022222MSD



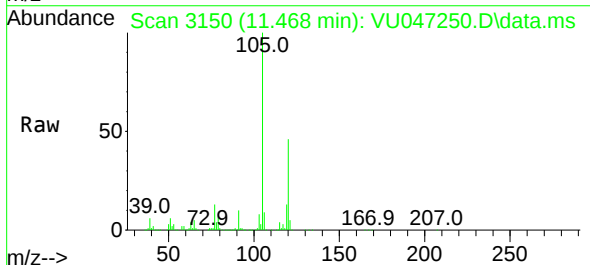
Tgt Ion:119 Resp: 53701
Ion Ratio Lower Upper
119 100
91 56.3 31.4 94.3
134 22.7 18.5 27.7

Manual Integrations
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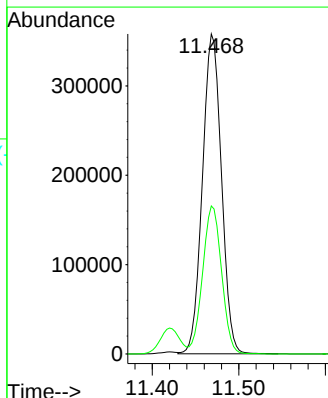
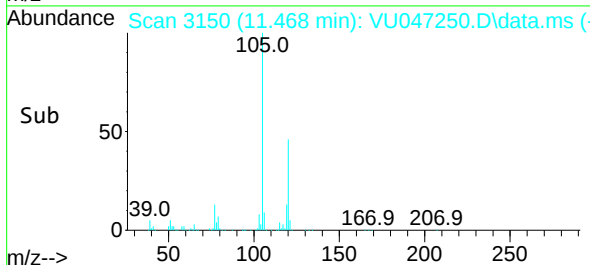
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

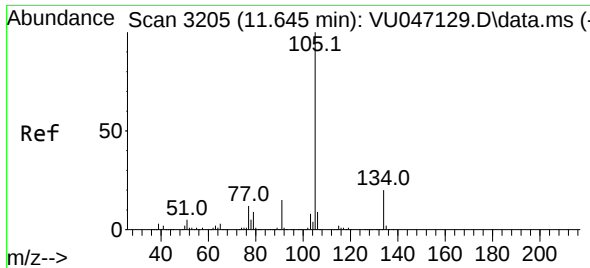


#78
1,2,4-Trimethylbenzene
Concen: 9.792 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44



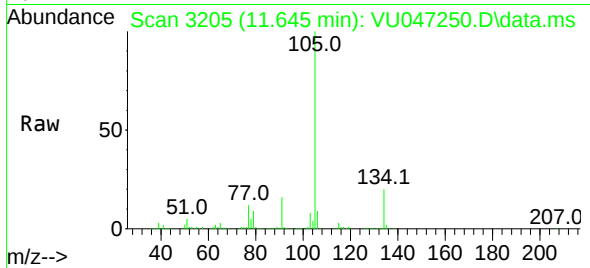
Tgt Ion:105 Resp: 546373
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.8





#79
 sec-Butylbenzene
 Concen: 9.663 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU047250.D
 Acq: 23 Feb 2022 14:44

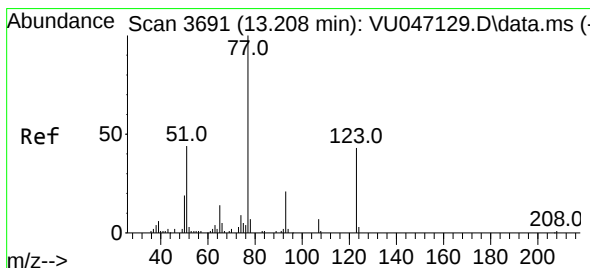
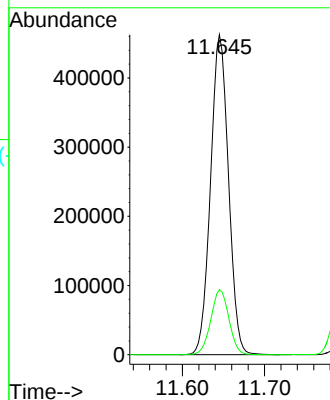
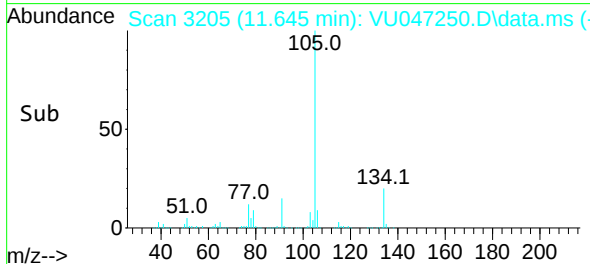
Instrument :
 MSVOA_U
 ClientSampleId :
 PW-B6-L10-U-022222MSD



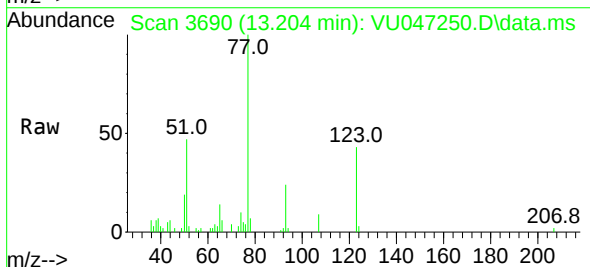
Tgt Ion:105 Resp: 703950
 Ion Ratio Lower Upper
 105 100
 134 20.5 15.4 23.0

Manual Integrations
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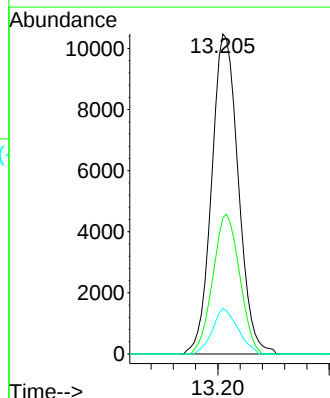
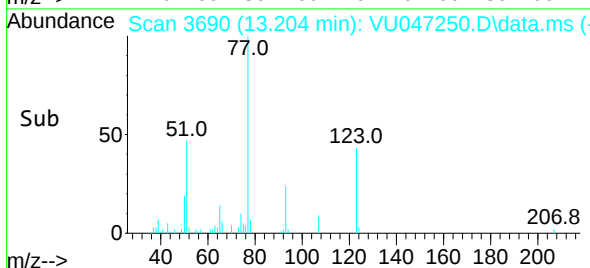
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022

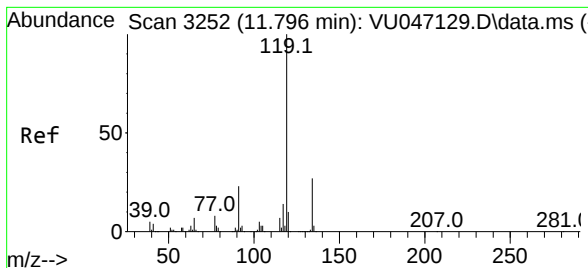


#80
 Nitrobenzene
 Concen: 24.611 ug/l
 RT: 13.204 min Scan# 3690
 Delta R.T. -0.003 min
 Lab File: VU047250.D
 Acq: 23 Feb 2022 14:44



Tgt Ion: 77 Resp: 17369
 Ion Ratio Lower Upper
 77 100
 123 43.8 18.2 64.4
 65 13.6 12.0 15.2





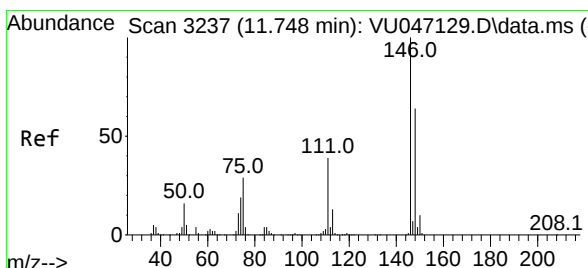
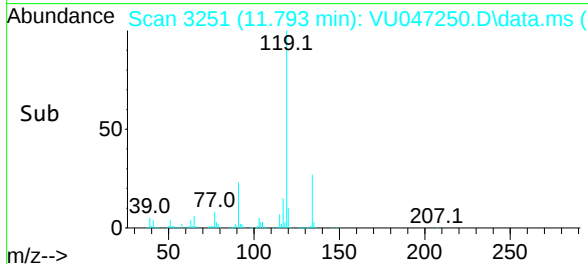
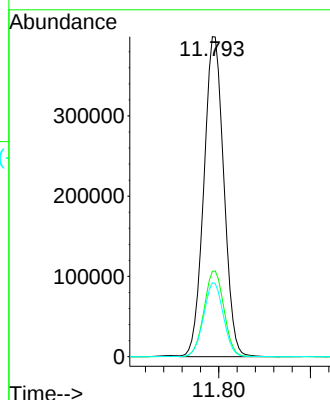
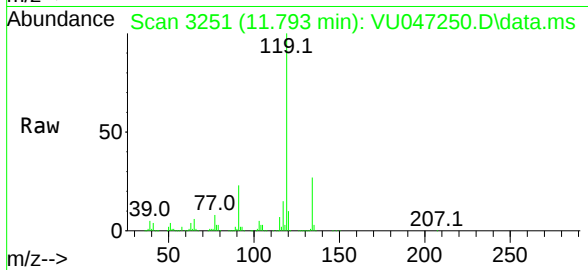
#81
p-Isopropyltoluene
Concen: 9.764 ug/l
RT: 11.793 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MSD

Tgt Ion:119 Resp: 60188
Ion Ratio Lower Upper
119 100
134 26.8 20.2 30.4
91 23.0 19.9 29.9

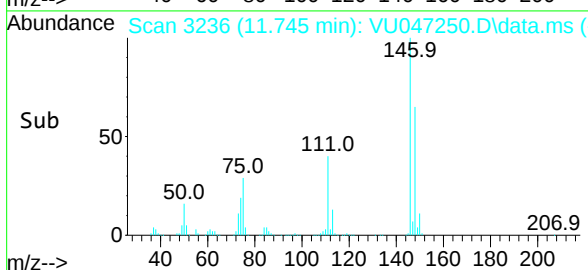
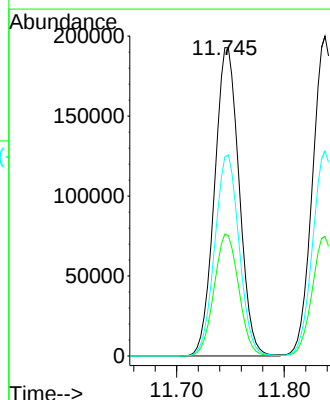
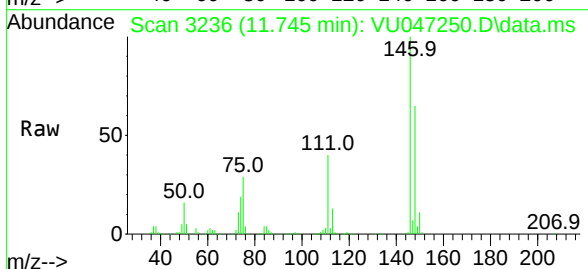
Manual Integrations
APPROVED

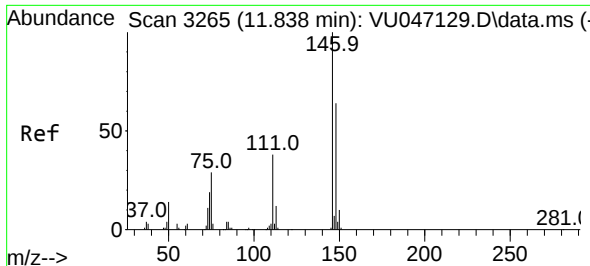
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#82
1,3-Dichlorobenzene
Concen: 9.688 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

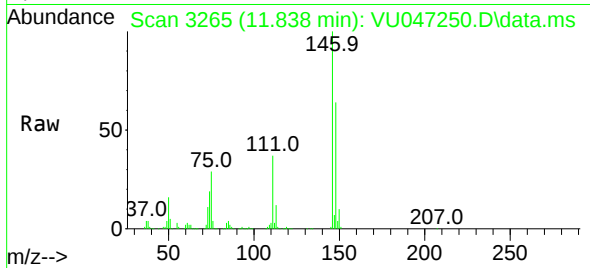
Tgt Ion:146 Resp: 307067
Ion Ratio Lower Upper
146 100
111 39.6 33.9 50.9
148 64.5 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 9.722 ug/l
RT: 11.838 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

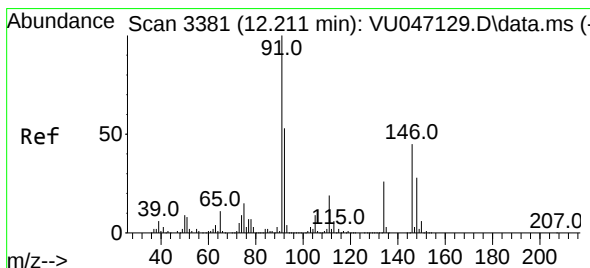
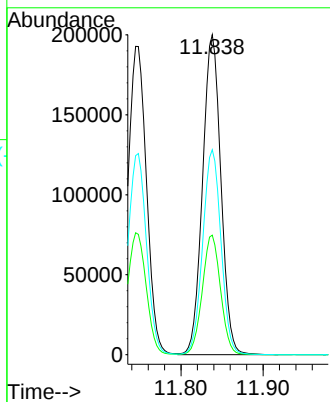
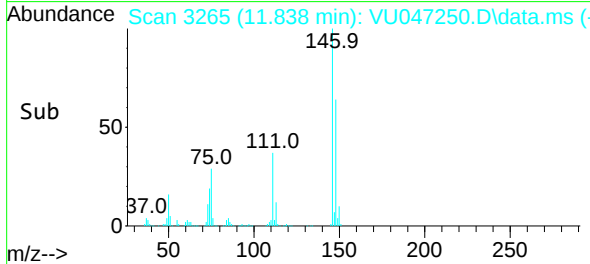
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MSD



Tgt Ion:146 Resp: 31042
Ion Ratio Lower Upper
146 100
111 37.2 32.7 49.1
148 64.0 51.4 77.0

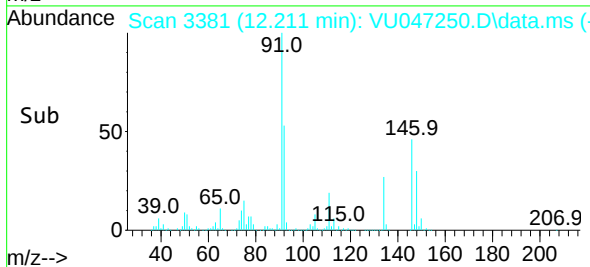
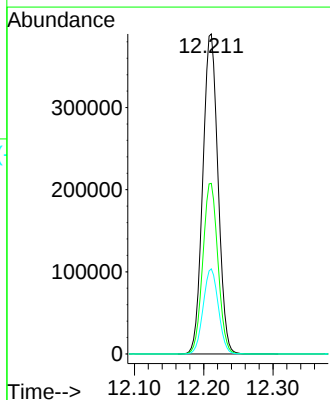
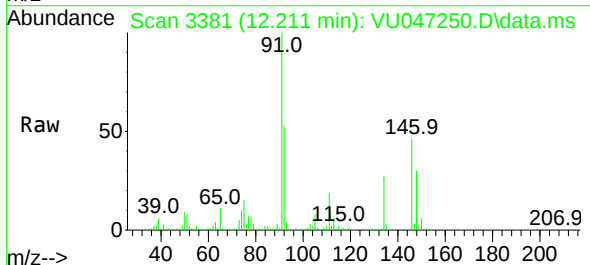
Manual Integrations
APPROVED

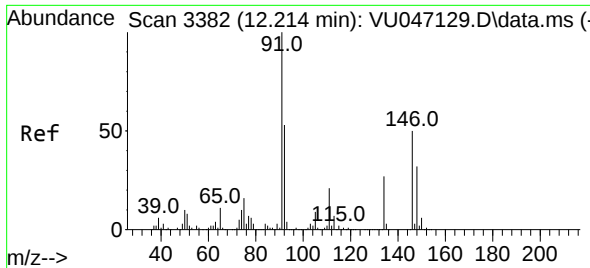
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#84
n-Butylbenzene
Concen: 9.995 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

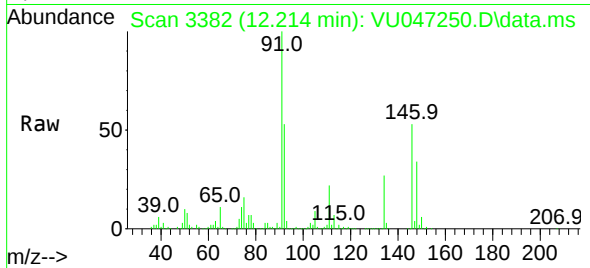
Tgt Ion: 91 Resp: 591668
Ion Ratio Lower Upper
91 100
92 53.0 43.5 65.3
134 26.6 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 9.654 ug/l
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

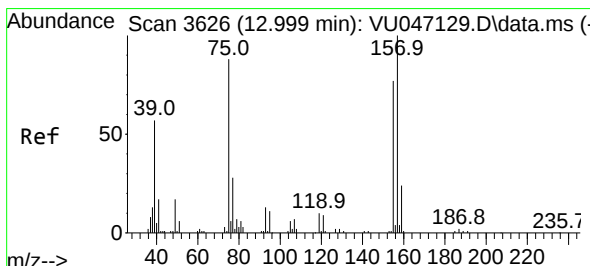
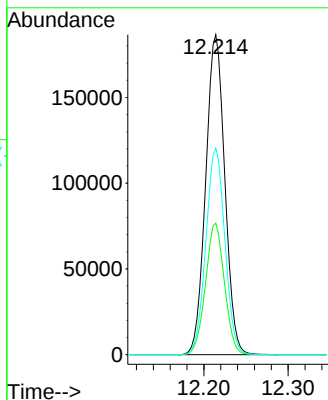
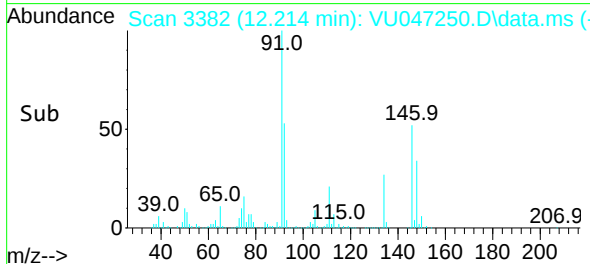
Instrument : MSVOA_U
ClientSampleId : PW-B6-L10-U-022222MSD



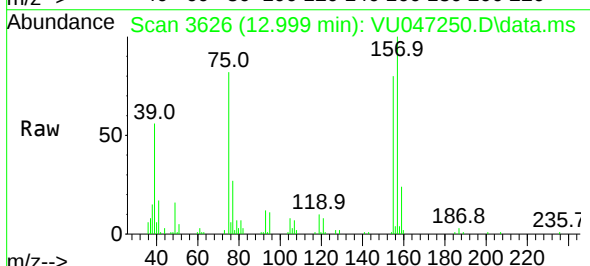
Tgt Ion:146 Resp: 294540
Ion Ratio Lower Upper
146 100
111 40.7 22.1 66.1
148 64.4 31.6 94.7

Manual Integrations
APPROVED

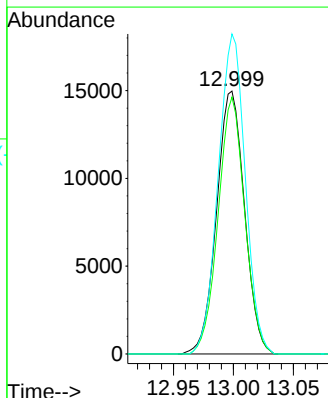
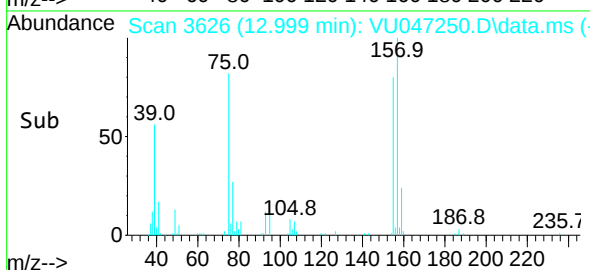
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

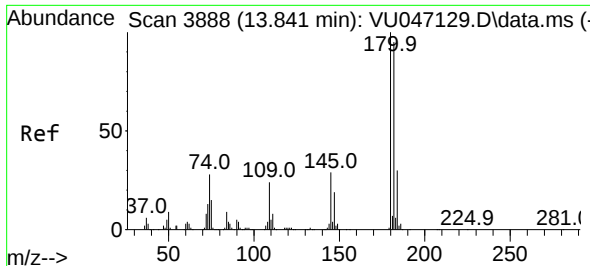


#86
1,2-Dibromo-3-Chloropropane
Concen: 9.039 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44



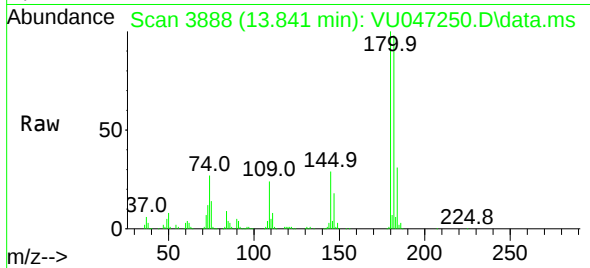
Tgt Ion: 75 Resp: 24227
Ion Ratio Lower Upper
75 100
155 93.1 57.8 86.8#
157 117.9 75.1 112.7#





#87
1,2,4-Trichlorobenzene
Concen: 10.324 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

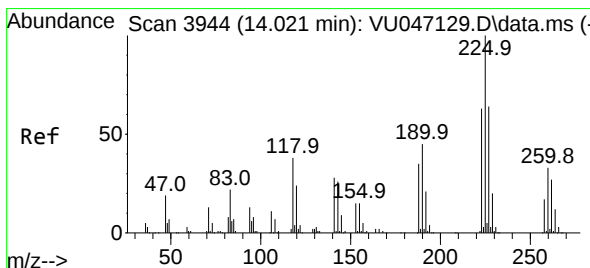
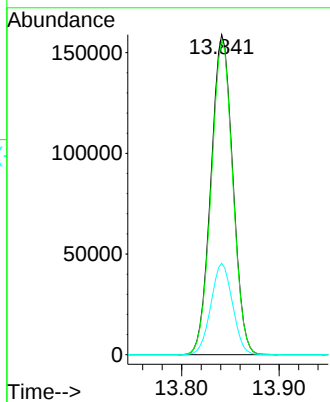
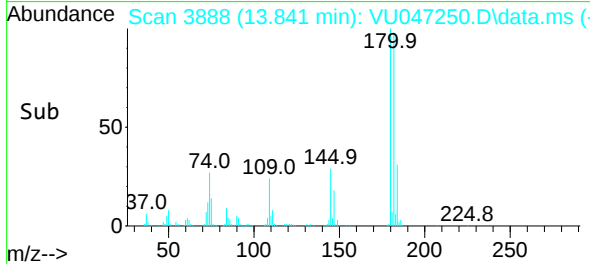
Instrument : MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MSD



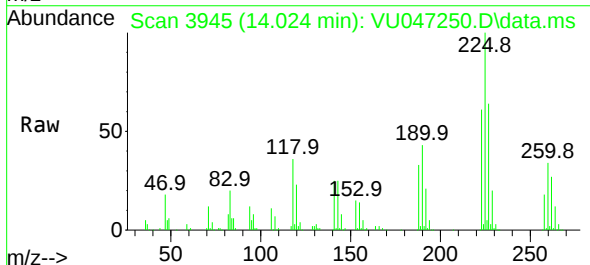
Tgt Ion:180 Resp: 247329
Ion Ratio Lower Upper
180 100
182 96.9 75.8 113.8
145 28.2 25.3 37.9

Manual Integrations
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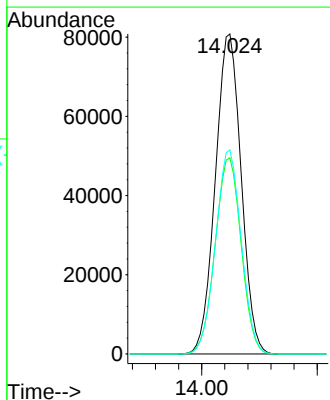
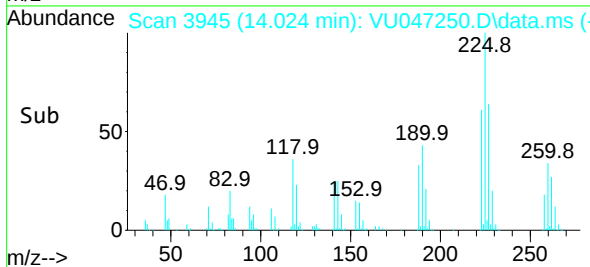
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

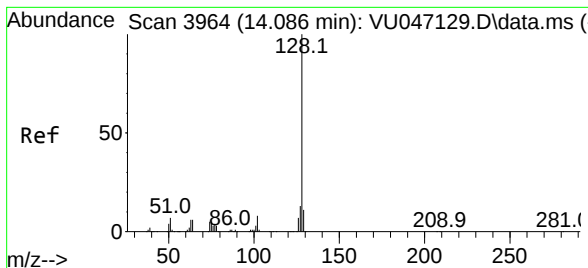


#88
Hexachlorobutadiene
Concen: 10.258 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44



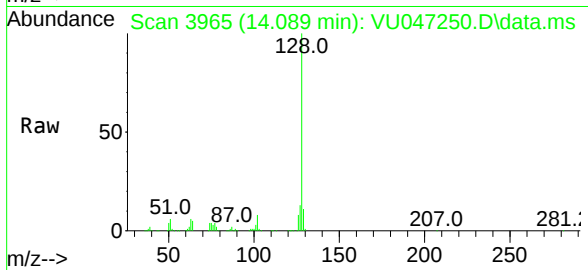
Tgt Ion:225 Resp: 125639
Ion Ratio Lower Upper
225 100
223 61.8 51.1 76.7
227 63.6 49.9 74.9





#89
Naphthalene
Concen: 9.391 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

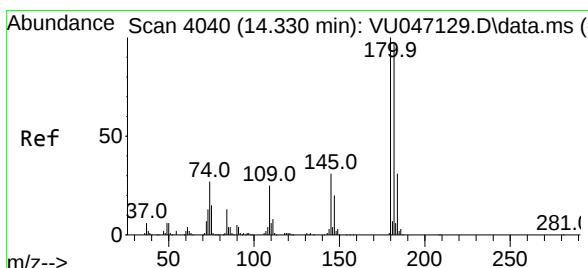
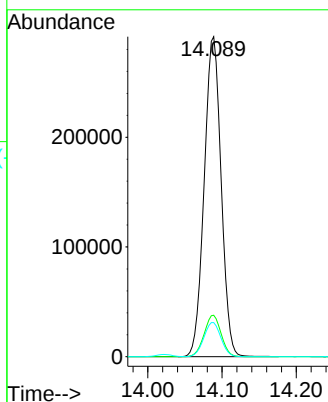
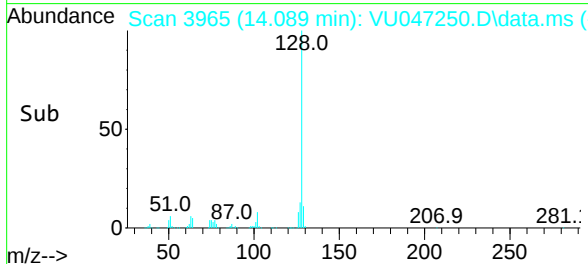
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-U-022222MSD



Tgt Ion:128 Resp: 460810
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#90
1,2,3-Trichlorobenzene
Concen: 10.580 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047250.D
Acq: 23 Feb 2022 14:44

Tgt Ion:180 Resp: 227342
Ion Ratio Lower Upper
180 100
182 95.6 75.4 113.0
145 30.0 27.0 40.4

