

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022322\
 Data File : VU047251.D
 Acq On : 23 Feb 2022 15:34
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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

Quant Time: Feb 24 06:00:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 15 03:17:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	50594	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	18500	0.944	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	20627	1.011	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	158712	9.408	ug/l	99
3) Chloromethane	1.530	50	199718	11.527	ug/l	99
4) Vinyl Chloride	1.607	62	161651	9.451	ug/l	100
5) Bromomethane	1.861	94	72226	6.464	ug/l	99
6) Chloroethane	1.938	64	102337	10.415	ug/l	100
7) Trichlorofluoromethane	2.144	101	208993	10.367	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	121158	10.427	ug/l	93
9) 1,1-Dichloroethene	2.588	96	119230	9.970	ug/l	93
10) Iodomethane	2.729	142	104458	7.576	ug/l	100
11) Allyl Chloride	2.929	41	168318	9.030	ug/l	97
12) Acrylonitrile	3.327	53	60471	17.228	ug/l	91
13) Acetone	2.649	43	122645	57.365	ug/l	99
14) Carbon Disulfide	2.800	76	381384	9.429	ug/l	99
15) Methylene Chloride	3.051	84	158869	11.829	ug/l	97
16) trans-1,2-Dichloroethene	3.356	96	128987	10.220	ug/l	97
17) 1,1-Dichloroethane	3.874	63	218137	9.433	ug/l	99
18) 2-Butanone	4.723	43	180779	51.123	ug/l	98
19) Cyclohexane	5.391	56	194236m	9.066	ug/l	
20) Methylcyclohexane	6.768	83	221244	9.369	ug/l	96
21) 2,2-Dichloropropane	4.671	77	200129	9.684	ug/l	96
22) cis-1,2-Dichloroethene	4.674	96	140833	9.702	ug/l	92
23) Diethyl Ether	2.382	59	92400	9.560	ug/l	99
24) tert-Butyl Alcohol	3.250	59	122766	195.306	ug/l #	89
25) Methyl tert-Butyl Ether	3.372	73	314141	9.367	ug/l	99
26) Bromochloromethane	4.980	128	63550	9.736	ug/l	87
27) Chloroform	5.096	83	227316	9.687	ug/l	98
28) 1,1,1-Trichloroethane	5.321	97	201459	9.917	ug/l	96
29) 1,1-Dichloropropene	5.530	75	179327	9.643	ug/l	97
30) Carbon Tetrachloride	5.530	117	174027	9.744	ug/l	99
31) Isopropyl Ether	4.002	45	343591	9.290	ug/l	99
32) Ethyl-t-butyl ether	4.510	59	347692	9.248	ug/l	97
33) Tert-Amyl methyl ether	5.948	73	309608	8.941	ug/l	98
34) Propionitrile	4.800	54	57019	54.299	ug/l #	90
35) Benzene	5.777	78	504713	9.685	ug/l	99
36) 1,2-Dichloroethane	5.800	62	149262	9.460	ug/l	99
37) Trichloroethene	6.546	130	143140	9.921	ug/l	95
38) 1,2-Dichloropropane	6.797	63	130528	9.465	ug/l	99
39) Methacrylonitrile	4.983	41	43607	9.175	ug/l	98
40) Methyl acrylate	4.855	55	76889	9.570	ug/l	96
41) Tetrahydrofuran	5.070	42	45579	18.825	ug/l	99
42) 1-Chlorobutane	5.462	56	236521	9.473	ug/l	99
43) Dibromomethane	6.922	93	71060	9.555	ug/l	90
44) Bromodichloromethane	7.108	83	168950	9.605	ug/l	99

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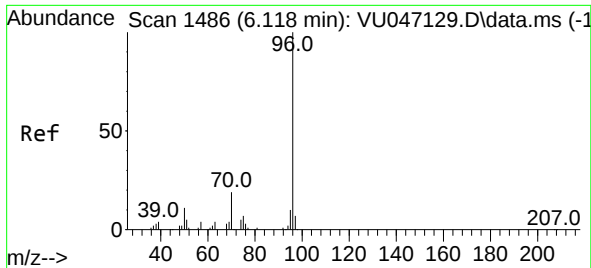
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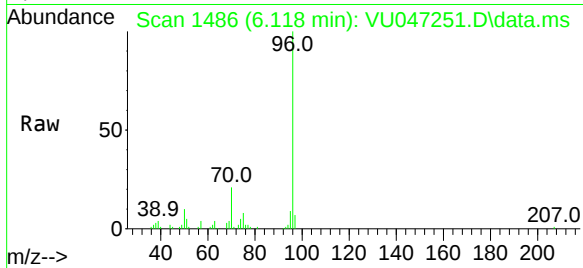
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	421463	41.901	ug/l	98
46) t-1,4-Dichloro-2-butene	10.841	75	90306m	20.624	ug/l	
47) Methyl methacrylate	6.967	69	138780	17.793	ug/l	94
48) Ethyl methacrylate	8.337	69	142848	9.035	ug/l	92
49) Toluene	7.973	92	325438	9.681	ug/l	97
50) t-1,3-Dichloropropene	8.214	75	173577	9.117	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	200090	9.375	ug/l	96
52) 1,1,2-Trichloroethane	8.404	97	99532	9.380	ug/l	98
53) 1,3-Dichloropropane	8.578	76	174344	9.196	ug/l	100
54) 2-Hexanone	8.690	43	310616	41.450	ug/l	98
55) Dibromochloromethane	8.813	129	121587	9.425	ug/l	99
56) 1,2-Dibromoethane	8.928	107	100050	9.330	ug/l	97
58) Tetrachloroethene	8.555	164	128919	9.683	ug/l	97
59) Chlorobenzene	9.449	112	360536	9.619	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	130565	10.136	ug/l	98
61) Pentachloroethane	11.430	117	104021	10.637	ug/l	85
62) Hexachloroethane	12.478	117	103011	9.757	ug/l #	77
63) Ethyl Benzene	9.571	91	632126	9.594	ug/l	99
64) m/p-Xylenes	9.697	106	484646	19.298	ug/l	97
65) o-Xylene	10.102	106	232435	9.554	ug/l	98
66) Styrene	10.118	104	400796	9.707	ug/l	97
67) Bromoform	10.295	173	75511	9.237	ug/l #	98
69) Isopropylbenzene	10.488	105	630042	9.630	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.787	83	131649	9.177	ug/l	98
71) 1,2,3-Trichloropropane	10.835	75	92236m	7.618	ug/l	
72) Bromobenzene	10.784	156	156303	9.782	ug/l	85
73) n-propylbenzene	10.909	120	178292	9.898	ug/l	86
74) 2-Chlorotoluene	10.989	126	152430	9.927	ug/l	82
75) 1,3,5-Trimethylbenzene	11.092	105	530061	9.879	ug/l	98
76) 4-Chlorotoluene	11.099	126	160320	9.938	ug/l	81
77) tert-Butylbenzene	11.423	119	529996	9.844	ug/l	94
78) 1,2,4-Trimethylbenzene	11.472	105	545664	9.965	ug/l	97
79) sec-Butylbenzene	11.645	105	703875	9.845	ug/l	97
80) Nitrobenzene	13.208	77	18548	26.780	ug/l	97
81) p-Isopropyltoluene	11.796	119	602405	9.958	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	309104	9.937	ug/l	98
83) 1,4-Dichlorobenzene	11.838	146	309499	9.877	ug/l	98
84) n-Butylbenzene	12.211	91	595445	10.250	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	296387	9.898	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.999	75	24254	9.221	ug/l #	74
87) 1,2,4-Trichlorobenzene	13.841	180	249523	10.613	ug/l	98
88) Hexachlorobutadiene	14.025	225	124940	10.394	ug/l	99
89) Naphthalene	14.089	128	459629	9.544	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	225405	10.688	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU047251.D
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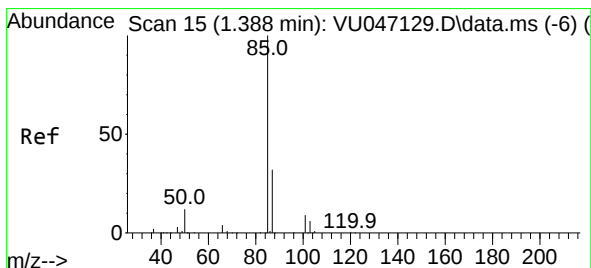
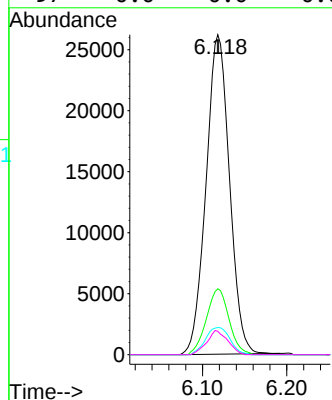
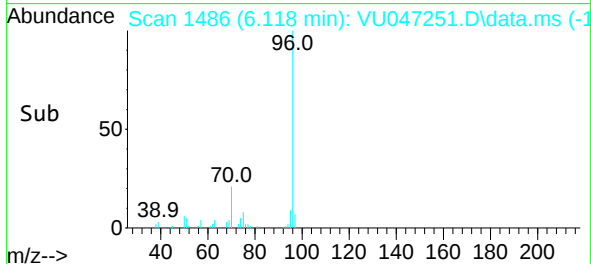
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



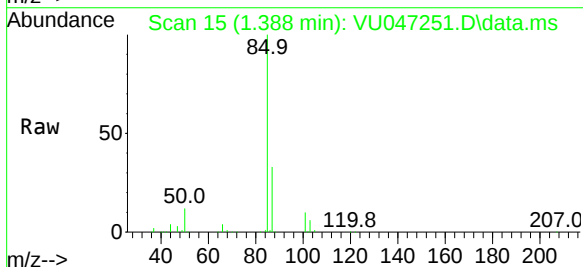
Tgt Ion: 96 Resp: 50594
Ion Ratio Lower Upper
96 100
70 19.9 16.8 25.2
95 8.9 7.3 10.9
97 0.0 0.0 0.0

Manual Integrations
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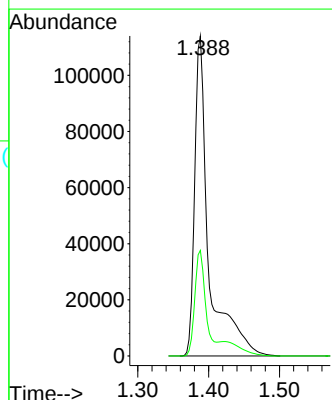
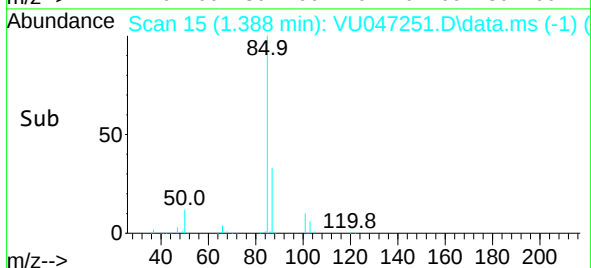
Reviewed By :John Carlone 02/24/2022
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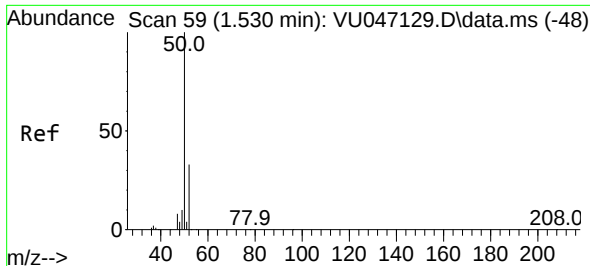


#2
Dichlorodifluoromethane
Concen: 9.408 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



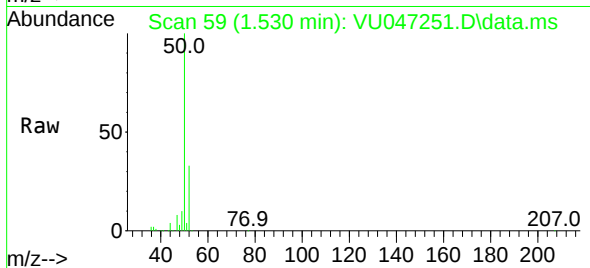
Tgt Ion: 85 Resp: 158712
Ion Ratio Lower Upper
85 100
87 33.0 16.2 48.6





#3
Chloromethane
Concen: 11.527 ug/l
RT: 1.530 min Scan# 59
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

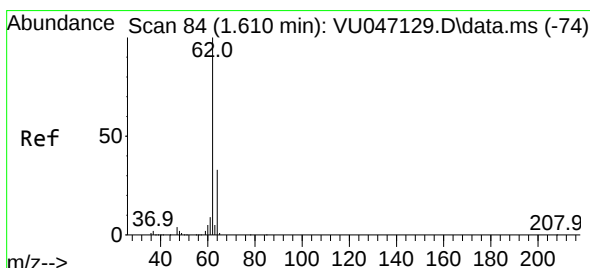
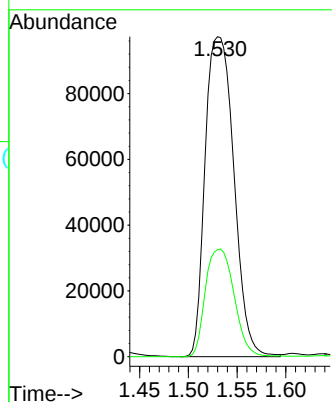
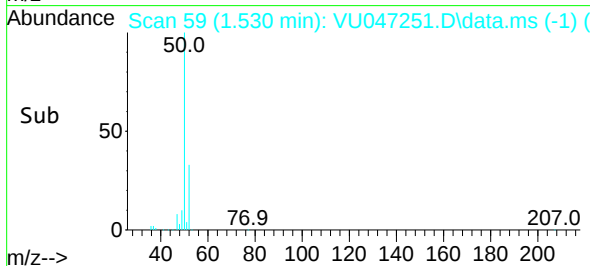
Instrument :
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ClientSampleId :
VSTDCCC010EC



Tgt Ion: 50 Resp: 199718
Ion Ratio Lower Upper
50 100
52 33.5 26.2 39.4

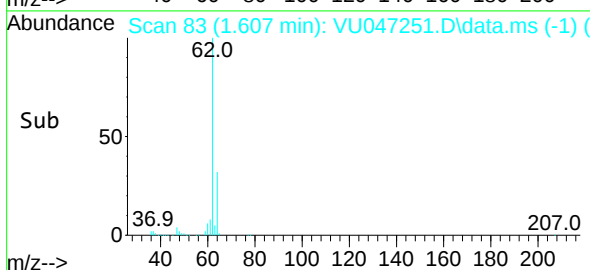
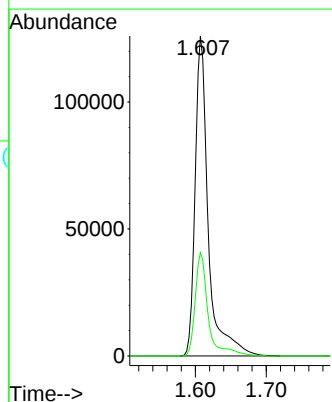
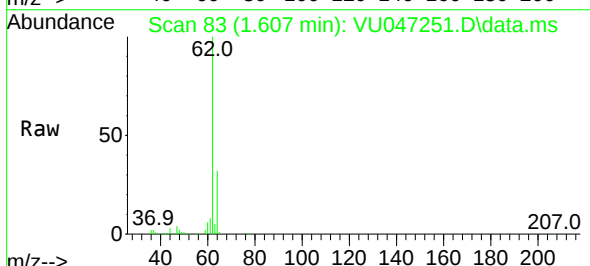
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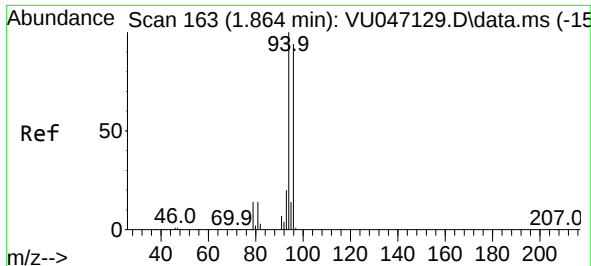
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#4
Vinyl Chloride
Concen: 9.451 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.003 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

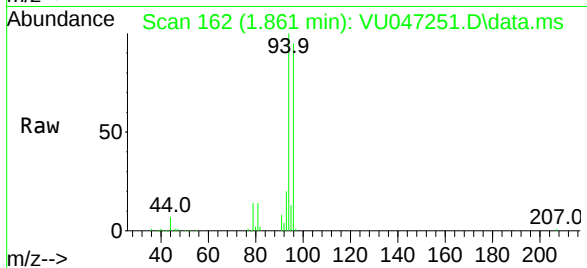
Tgt Ion: 62 Resp: 161651
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0





#5
Bromomethane
Concen: 6.464 ug/l
RT: 1.861 min Scan# 10
Delta R.T. -0.003 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

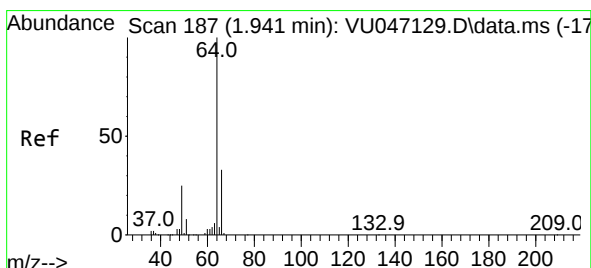
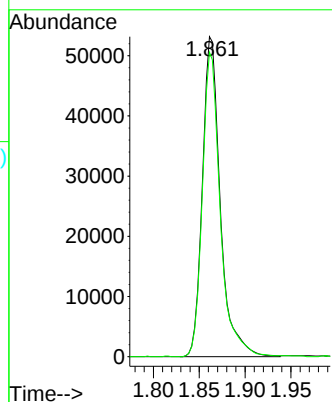
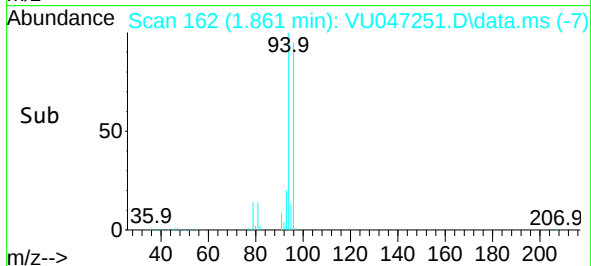
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 94 Resp: 72220
Ion Ratio Lower Upper
94 100
96 95.1 75.0 112.4

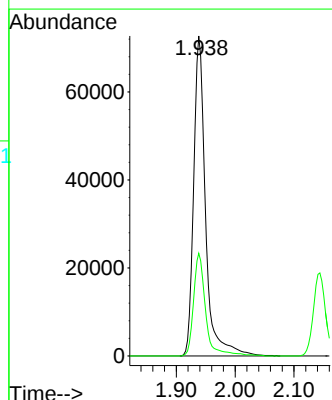
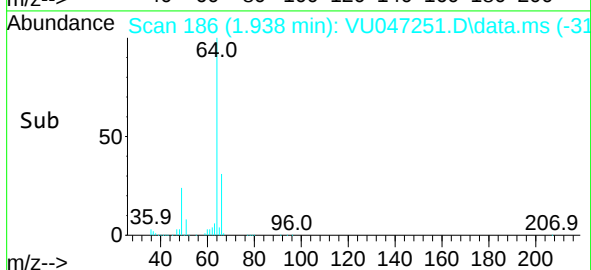
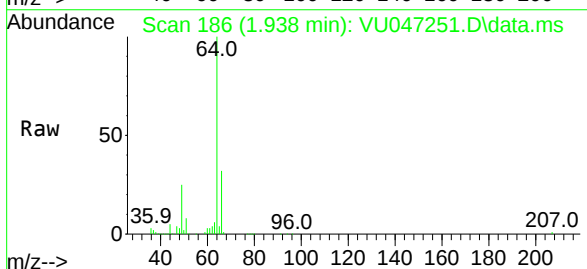
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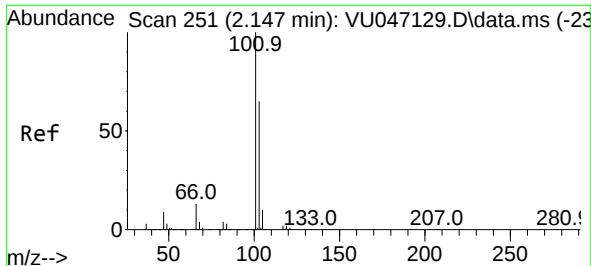
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#6
Chloroethane
Concen: 10.415 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

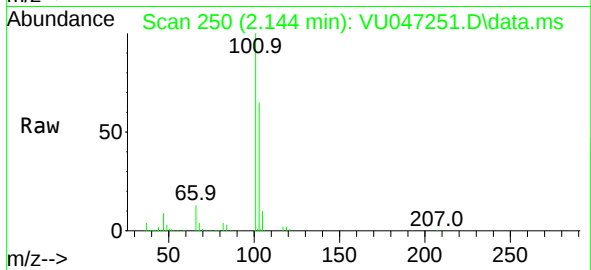
Tgt Ion: 64 Resp: 102337
Ion Ratio Lower Upper
64 100
66 32.1 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 10.367 ug/l
 RT: 2.144 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU047251.D
 Acq: 23 Feb 2022 15:34

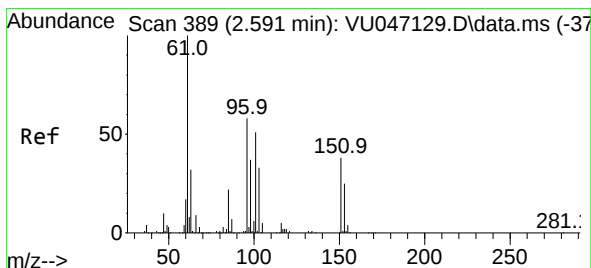
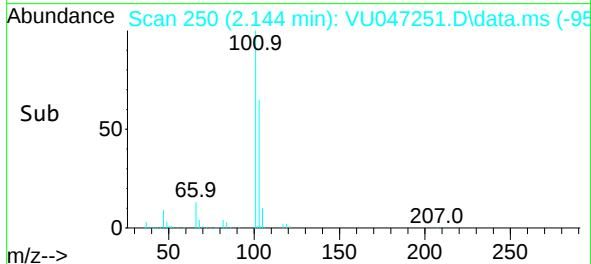
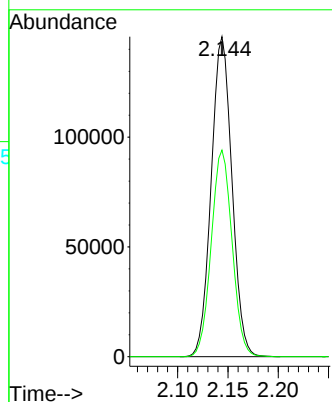
Instrument :
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Tgt Ion:101 Resp: 208993
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.2 78.2

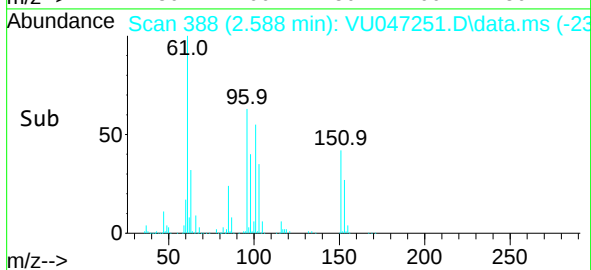
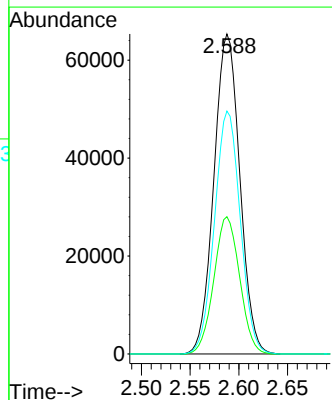
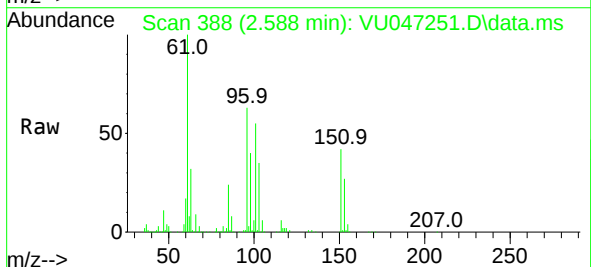
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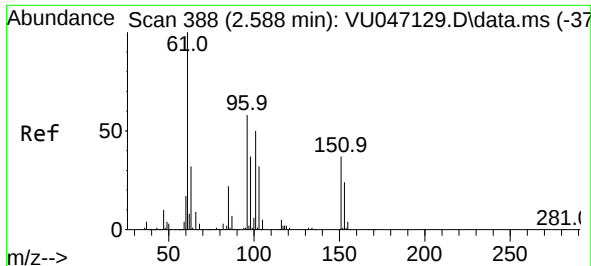
Reviewed By :John Carlone 02/24/2022
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#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.427 ug/l
 RT: 2.588 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU047251.D
 Acq: 23 Feb 2022 15:34

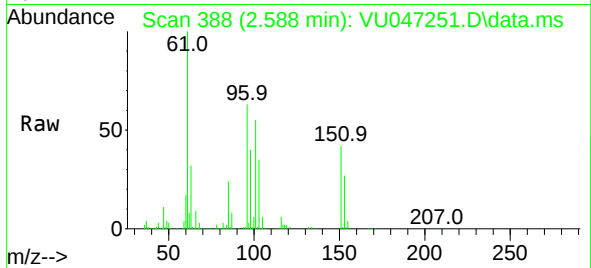
Tgt Ion:101 Resp: 121158
 Ion Ratio Lower Upper
 101 100
 85 42.6 35.8 53.6
 151 75.5 54.6 81.8





#9
1,1-Dichloroethene
Concen: 9.970 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

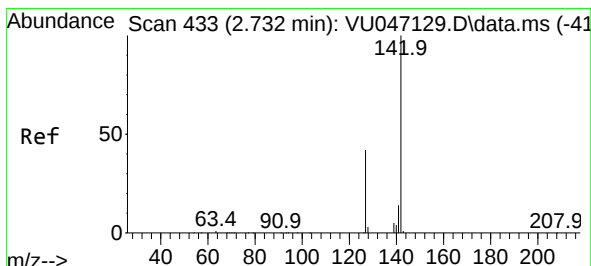
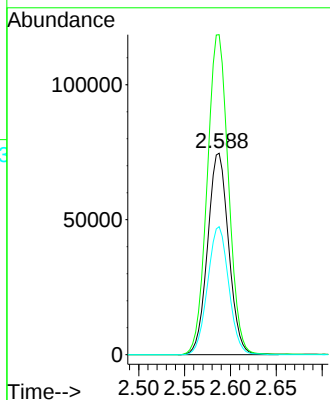
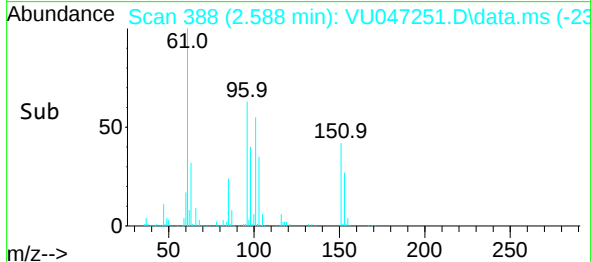
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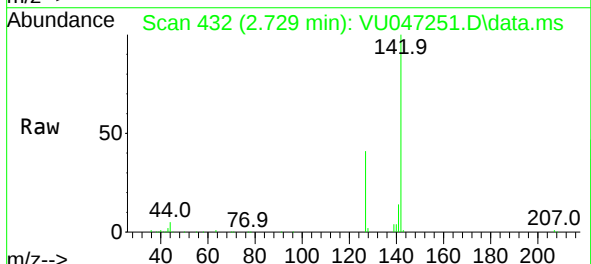
Tgt Ion: 96 Resp: 119230
Ion Ratio Lower Upper
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98 63.6 0.0 126.4

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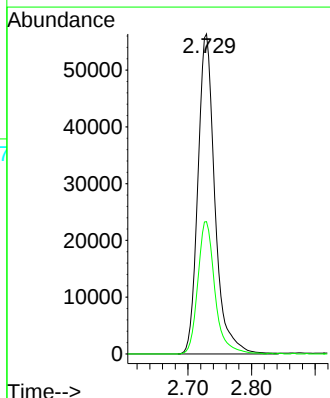
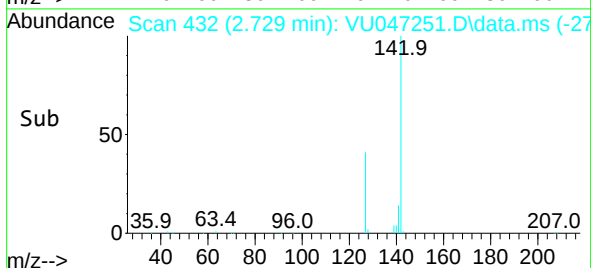
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

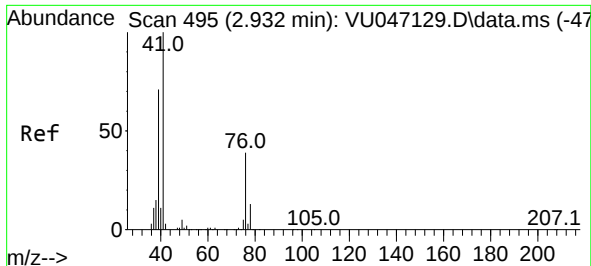


#10
Iodomethane
Concen: 7.576 ug/l
RT: 2.729 min Scan# 432
Delta R.T. -0.003 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



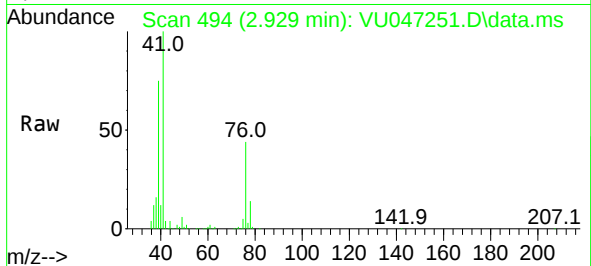
Tgt Ion:142 Resp: 104458
Ion Ratio Lower Upper
142 100
127 41.8 33.2 49.8





#11
 Allyl Chloride
 Concen: 9.030 ug/l
 RT: 2.929 min Scan# 494
 Delta R.T. -0.003 min
 Lab File: VU047251.D
 Acq: 23 Feb 2022 15:34

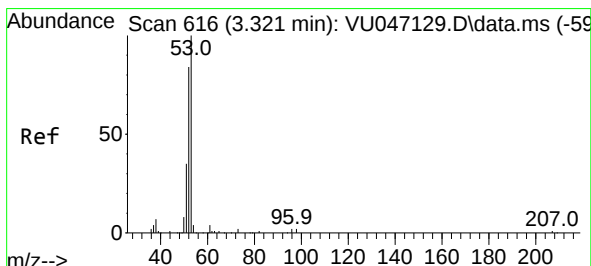
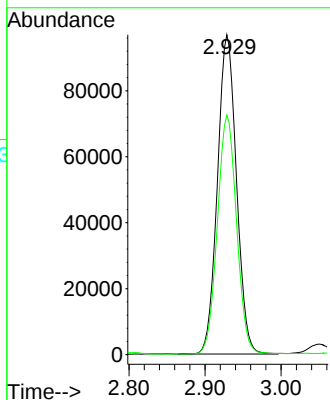
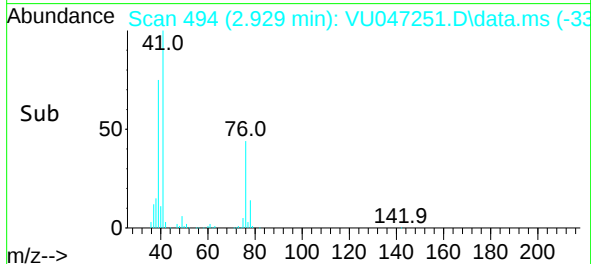
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



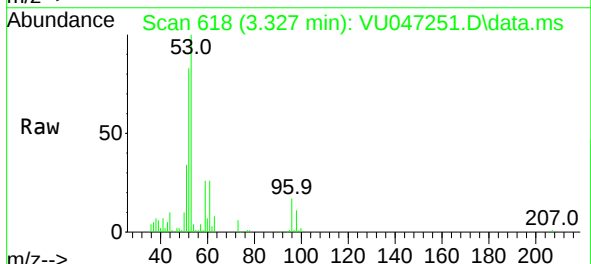
Tgt Ion: 41 Resp: 168318
 Ion Ratio Lower Upper
 41 100
 39 75.7 62.4 93.6

Manual Integrations
 APPROVED

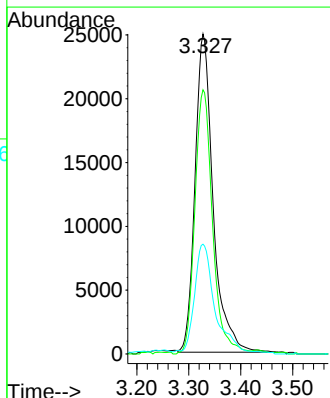
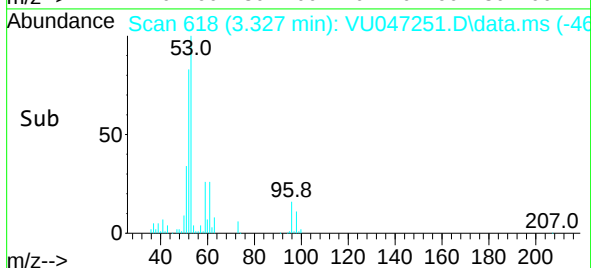
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022

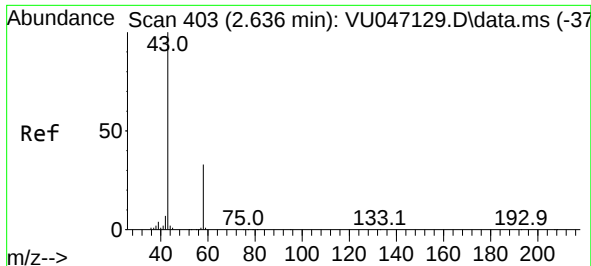


#12
 Acrylonitrile
 Concen: 17.228 ug/l
 RT: 3.327 min Scan# 618
 Delta R.T. 0.007 min
 Lab File: VU047251.D
 Acq: 23 Feb 2022 15:34



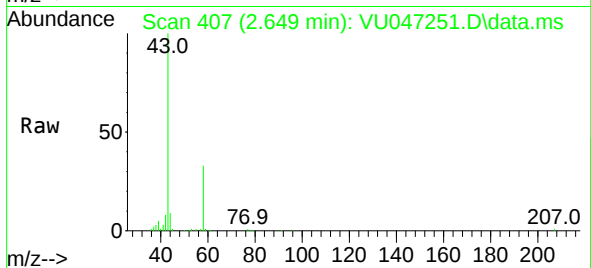
Tgt Ion: 53 Resp: 60471
 Ion Ratio Lower Upper
 53 100
 52 81.1 56.7 85.1
 51 39.6 30.3 45.5





#13
Acetone
Concen: 57.365 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.013 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

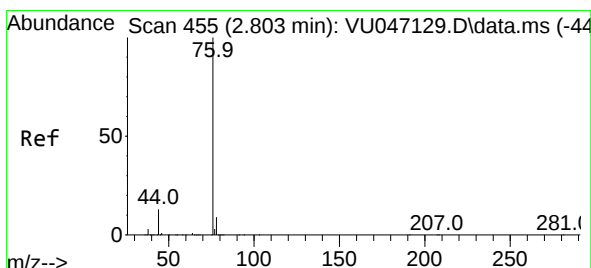
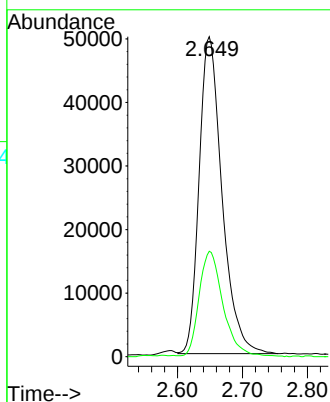
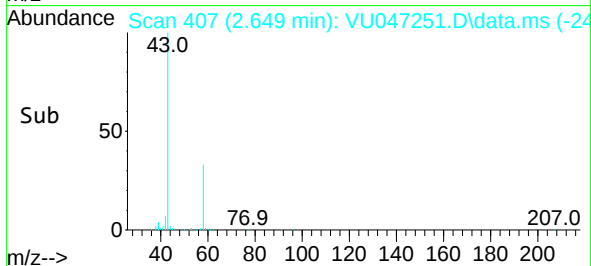
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



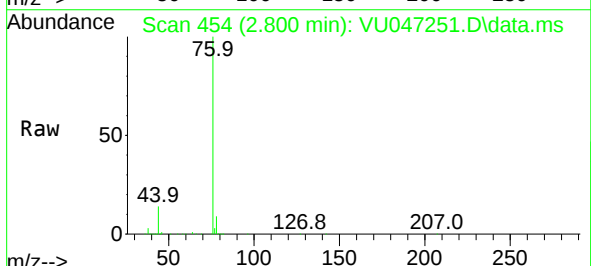
Tgt Ion: 43 Resp: 122649
Ion Ratio Lower Upper
43 100
58 33.0 27.1 40.7

Manual Integrations
APPROVED

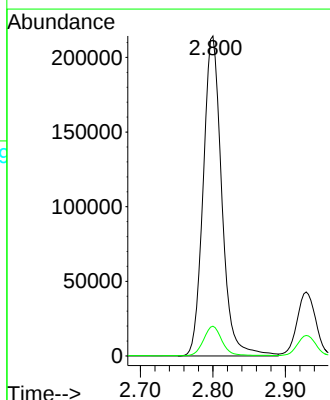
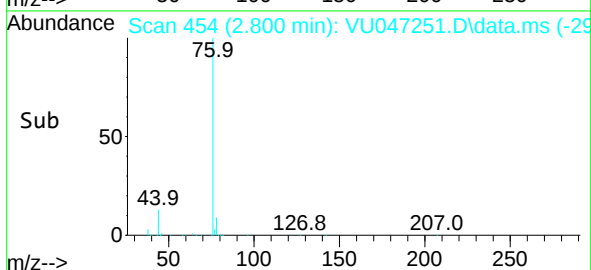
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

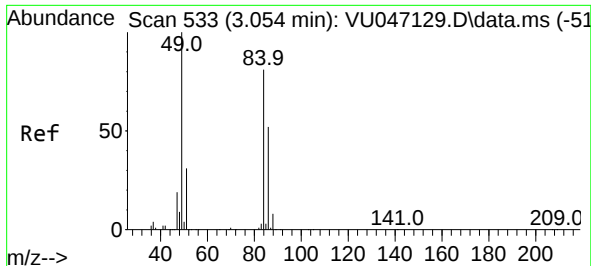


#14
Carbon Disulfide
Concen: 9.429 ug/l
RT: 2.800 min Scan# 454
Delta R.T. -0.003 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



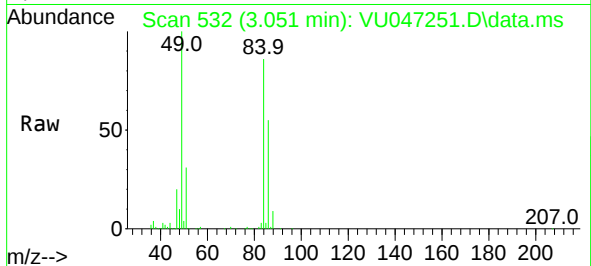
Tgt Ion: 76 Resp: 381384
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7





#15
Methylene Chloride
Concen: 11.829 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

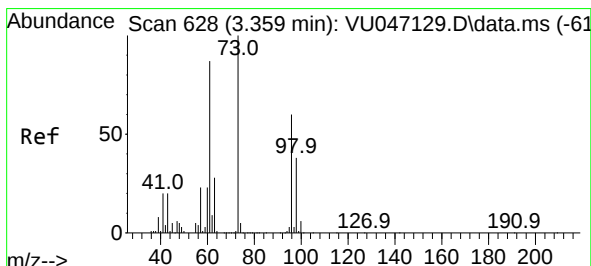
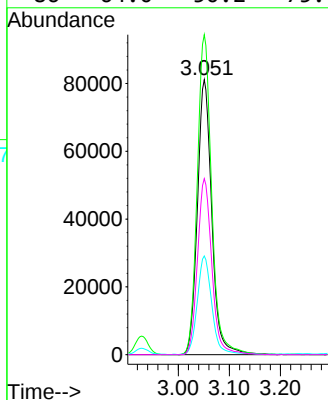
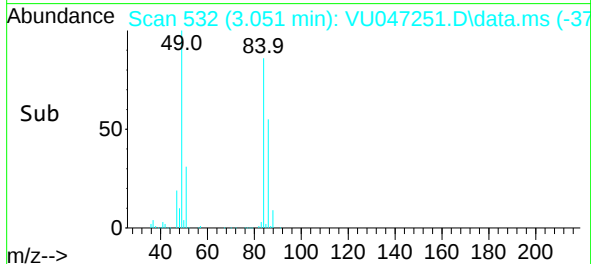
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



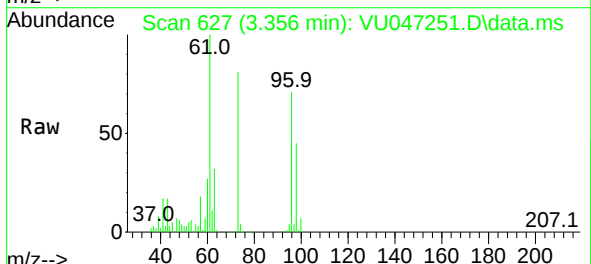
Tgt Ion: 84 Resp: 158869
Ion Ratio Lower Upper
84 100
49 116.3 97.2 145.8
51 35.9 0.0 73.4
86 64.0 50.2 75.4

Manual Integrations
APPROVED

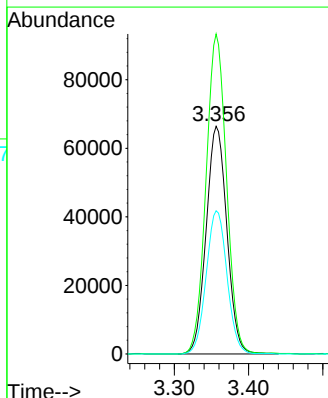
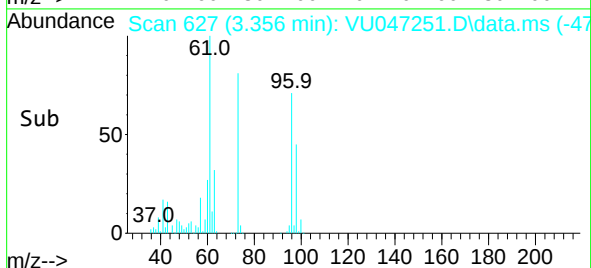
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

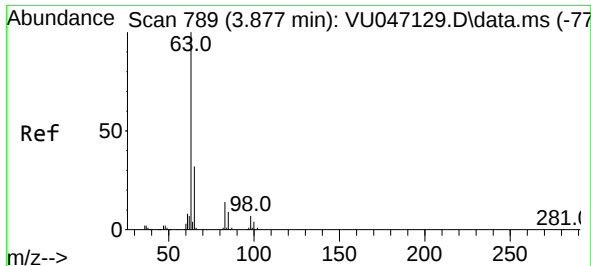


#16
trans-1,2-Dichloroethene
Concen: 10.220 ug/l
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



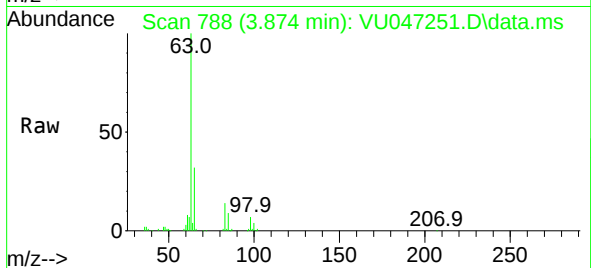
Tgt Ion: 96 Resp: 128987
Ion Ratio Lower Upper
96 100
61 140.5 115.8 173.6
98 62.9 51.1 76.7





#17
1,1-Dichloroethane
Concen: 9.433 ug/l
RT: 3.874 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

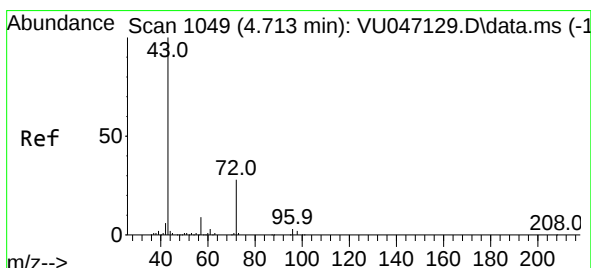
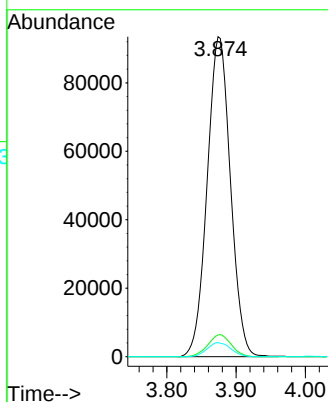
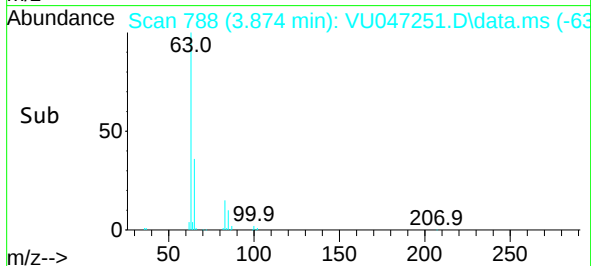
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



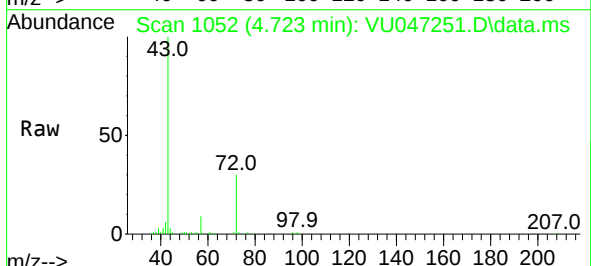
Tgt Ion: 63 Resp: 21813
Ion Ratio Lower Upper
63 100
98 6.8 3.6 10.8
100 4.4 2.1 6.5

Manual Integrations
APPROVED

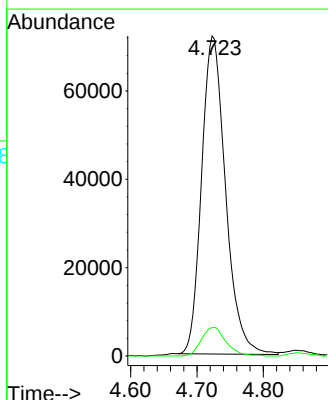
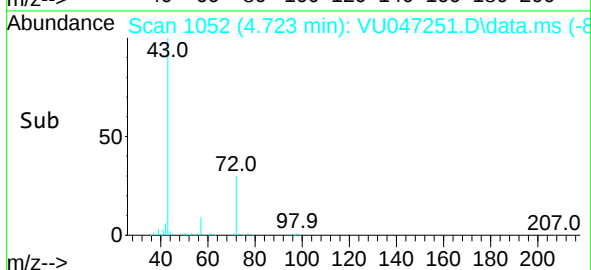
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

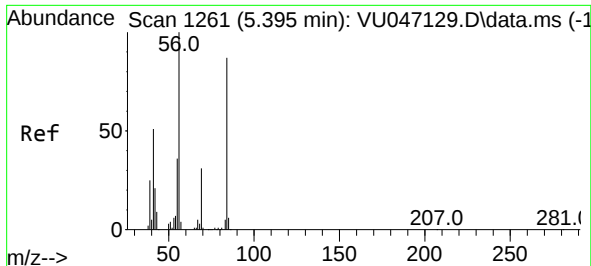


#18
2-Butanone
Concen: 51.123 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.010 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



Tgt Ion: 43 Resp: 180779
Ion Ratio Lower Upper
43 100
57 8.9 0.0 16.6





#19

Cyclohexane

Concen: 9.066 ug/l m

RT: 5.391 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047251.D

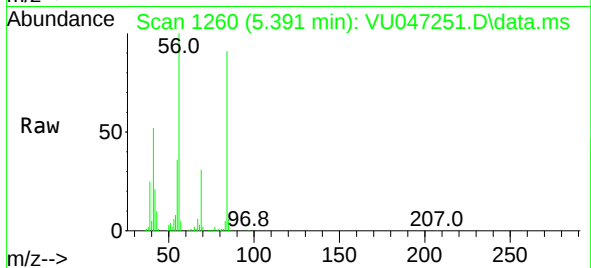
Acq: 23 Feb 2022 15:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 56 Resp: 194230

Ion Ratio Lower Upper

56 100

69 31.3 24.7 37.1

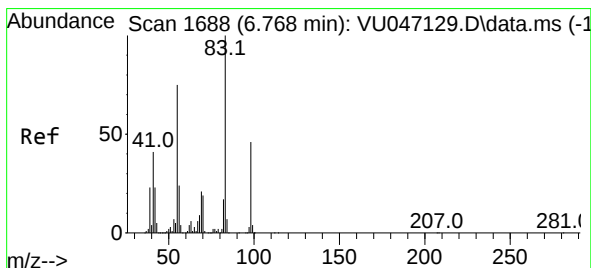
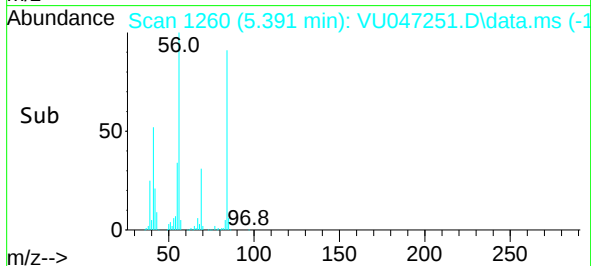
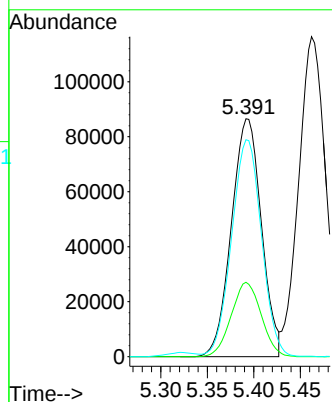
84 89.4 68.8 103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#20

Methylcyclohexane

Concen: 9.369 ug/l

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU047251.D

Acq: 23 Feb 2022 15:34

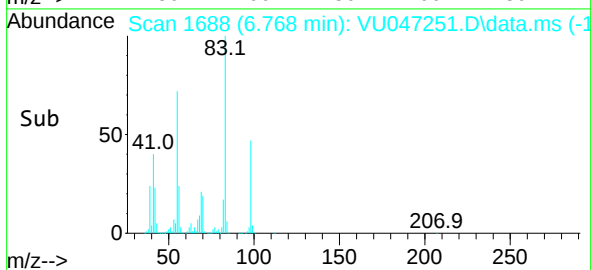
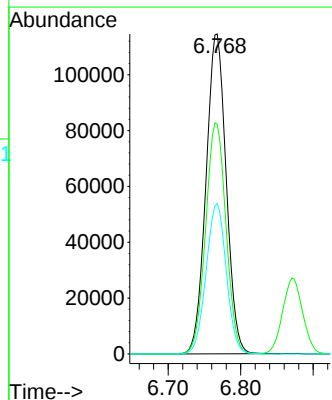
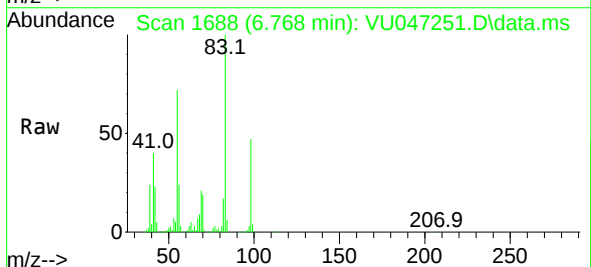
Tgt Ion: 83 Resp: 221244

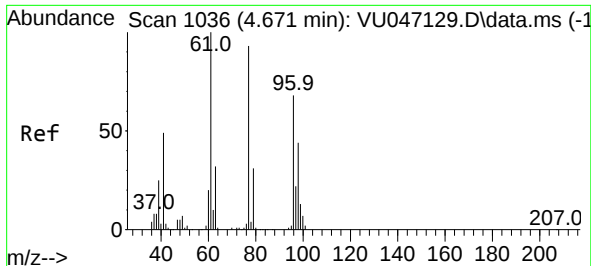
Ion Ratio Lower Upper

83 100

55 72.8 61.9 92.9

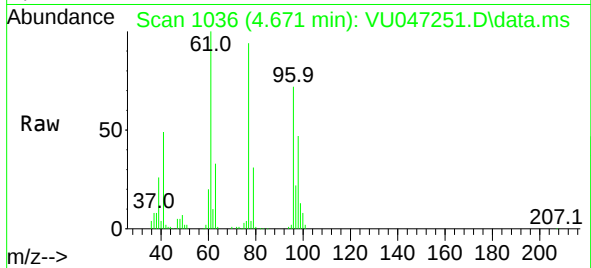
98 47.1 37.4 56.2





#21
2,2-Dichloropropane
Concen: 9.684 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

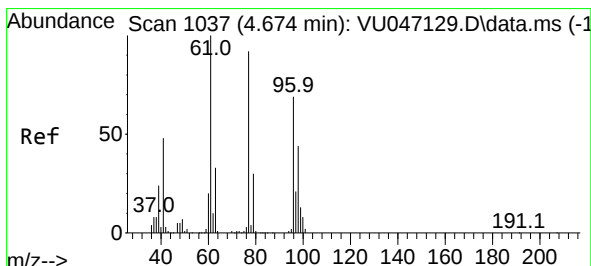
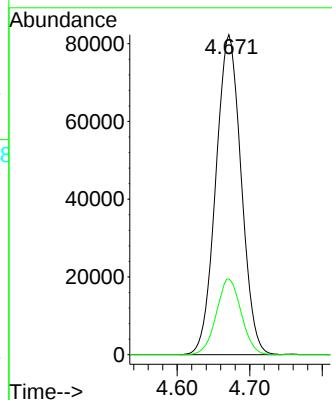
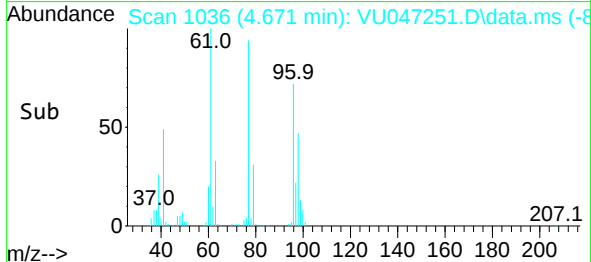
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



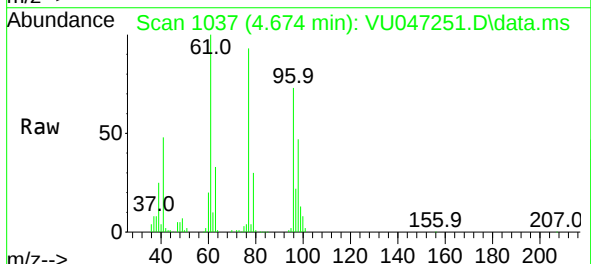
Tgt Ion: 77 Resp: 200129
Ion Ratio Lower Upper
77 100
97 23.2 17.2 25.8

Manual Integrations
APPROVED

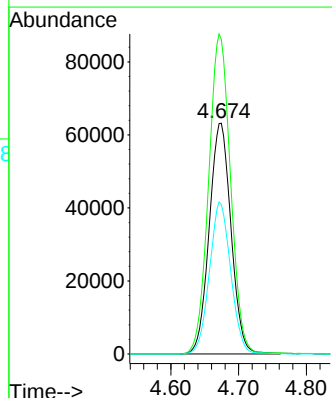
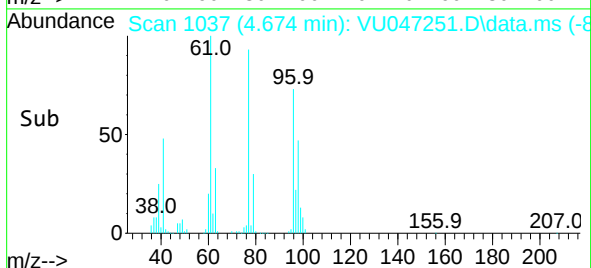
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

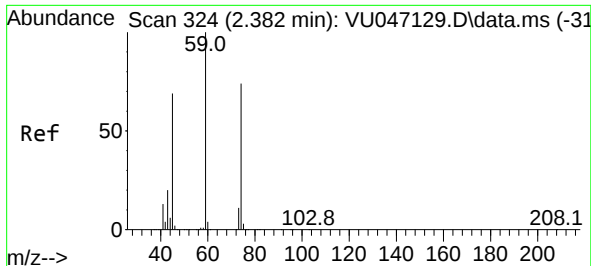


#22
cis-1,2-Dichloroethene
Concen: 9.702 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



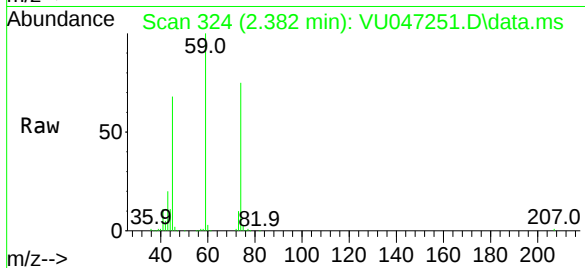
Tgt Ion: 96 Resp: 140833
Ion Ratio Lower Upper
96 100
61 139.2 0.0 385.3
98 64.4 32.1 96.3





#23
Diethyl Ether
Concen: 9.560 ug/l
RT: 2.382 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

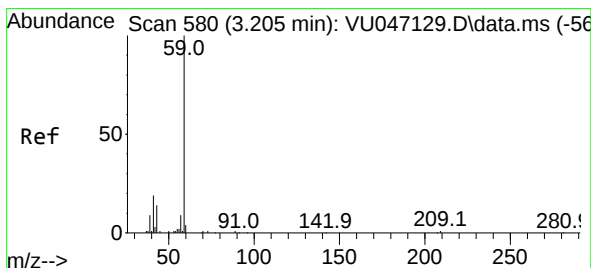
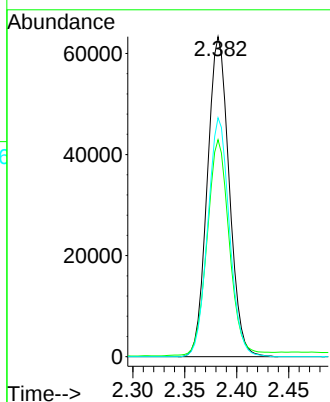
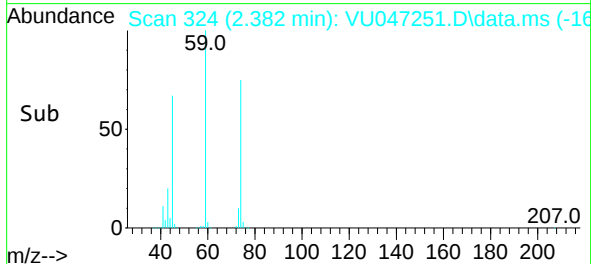
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



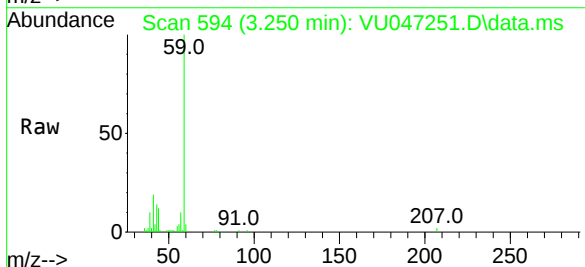
Tgt Ion: 59 Resp: 92400
Ion Ratio Lower Upper
59 100
45 69.3 55.6 83.4
74 74.5 58.1 87.1

Manual Integrations
APPROVED

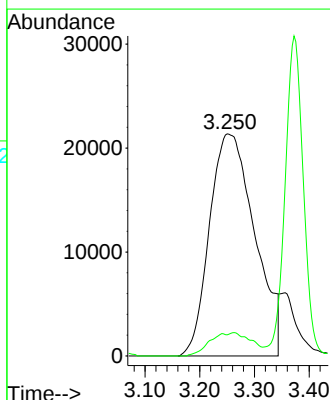
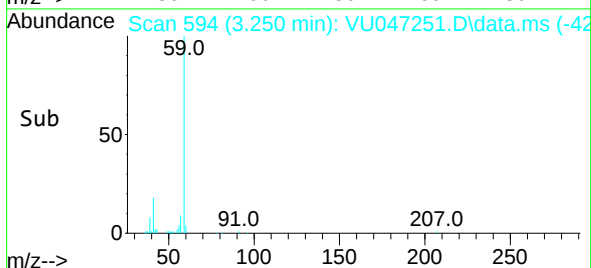
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

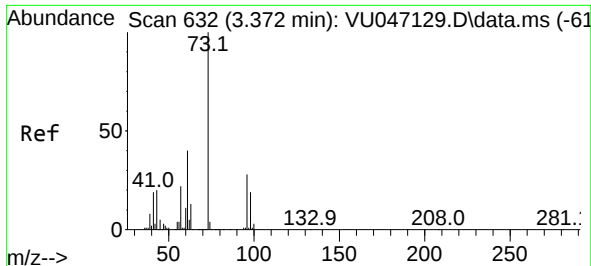


#24
tert-Butyl Alcohol
Concen: 195.306 ug/l
RT: 3.250 min Scan# 594
Delta R.T. 0.045 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



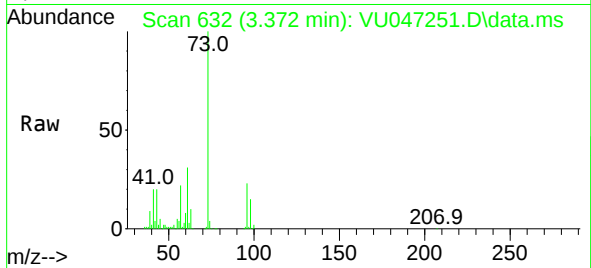
Tgt Ion: 59 Resp: 122766
Ion Ratio Lower Upper
59 100
57 4.2 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 9.367 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

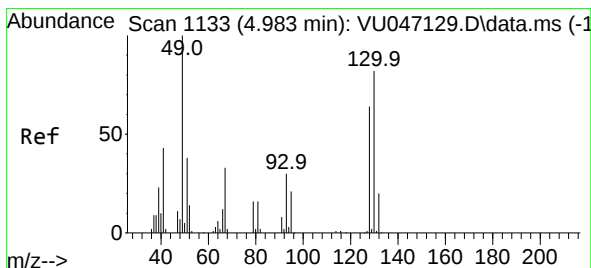
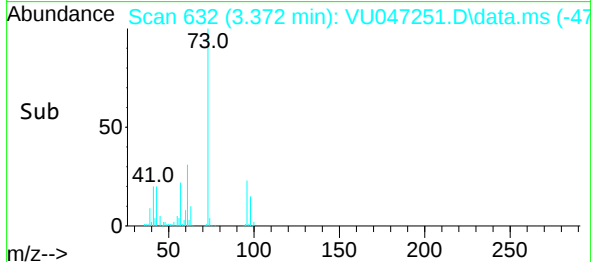
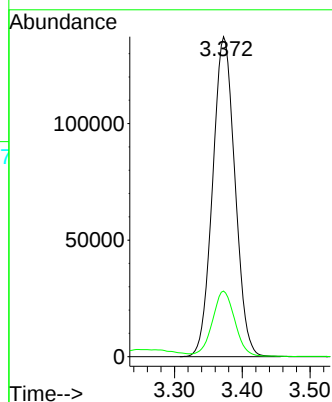
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 31414
Ion Ratio Lower Upper
73 100
43 20.8 16.3 24.5

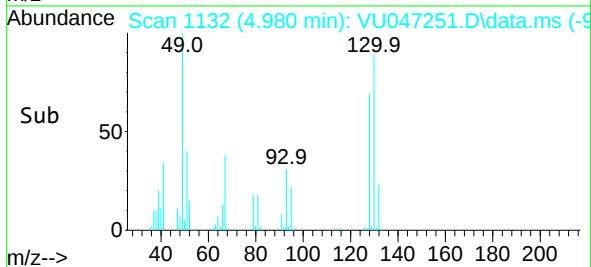
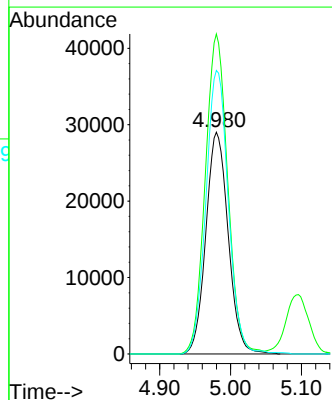
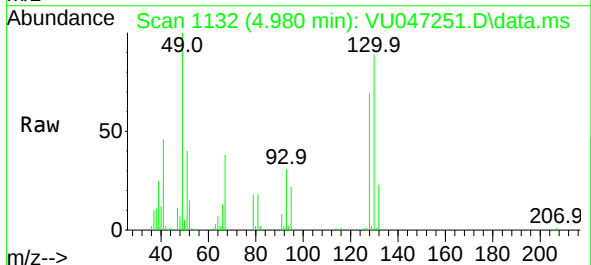
Manual Integrations
APPROVED

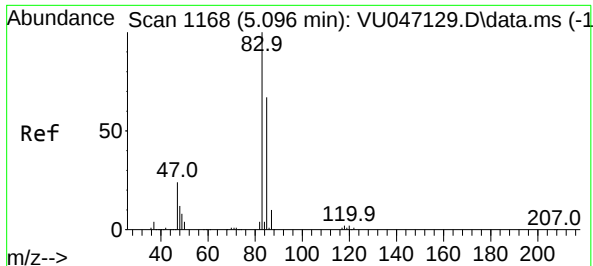
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#26
Bromochloromethane
Concen: 9.736 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

Tgt Ion:128 Resp: 63550
Ion Ratio Lower Upper
128 100
49 144.4 0.0 347.4
130 128.9 101.5 152.3





#27

Chloroform

Concen: 9.687 ug/l

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU047251.D

Acq: 23 Feb 2022 15:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 227310

Ion Ratio Lower Upper

83 100

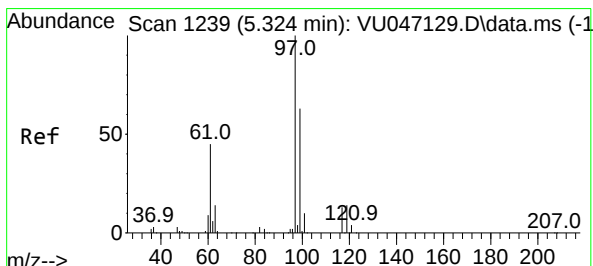
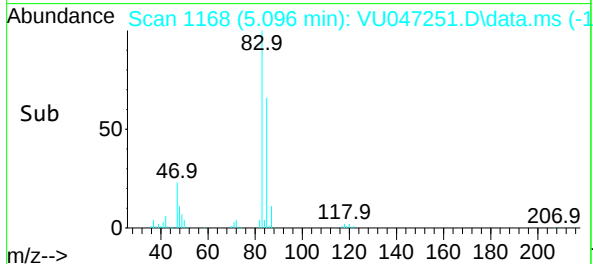
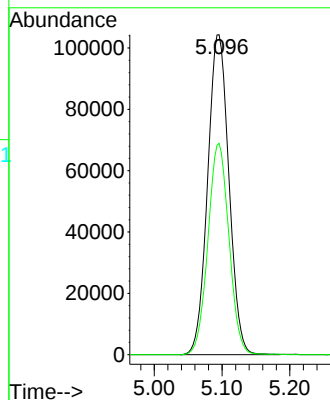
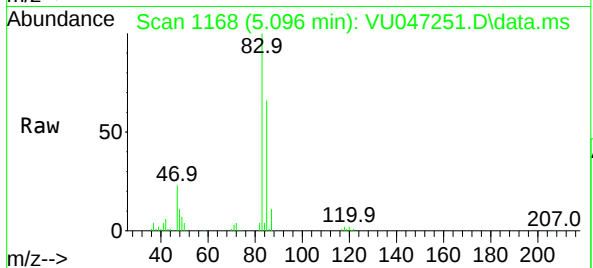
85 66.0 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#28

1,1,1-Trichloroethane

Concen: 9.917 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU047251.D

Acq: 23 Feb 2022 15:34

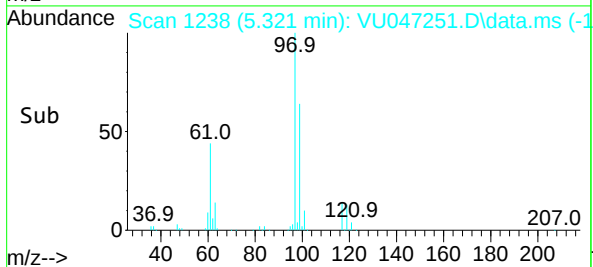
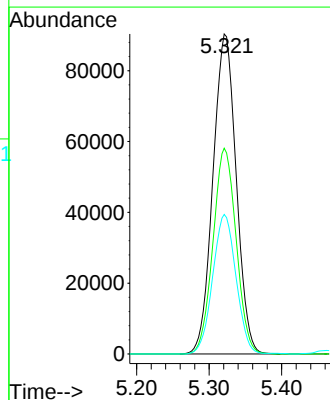
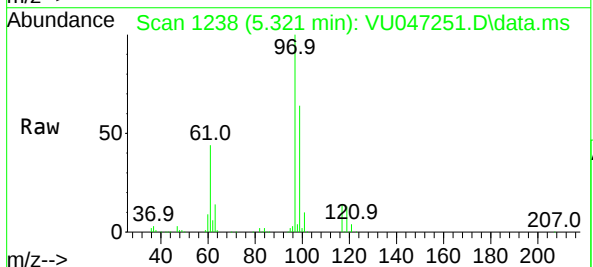
Tgt Ion: 97 Resp: 201459

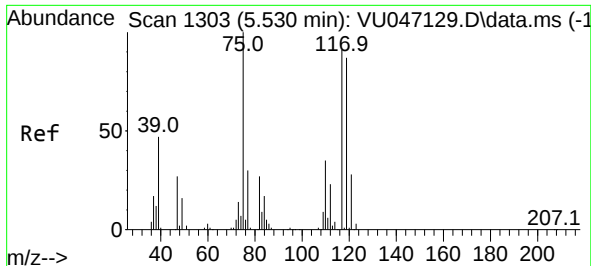
Ion Ratio Lower Upper

97 100

99 64.0 32.2 96.6

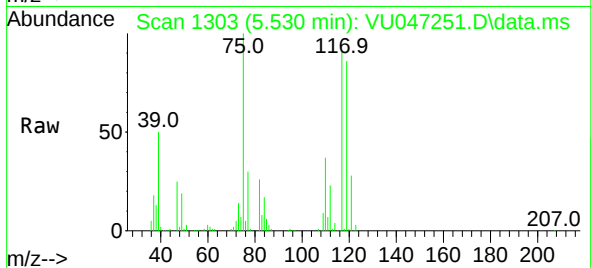
61 43.7 24.5 73.5





#29
1,1-Dichloropropene
Concen: 9.643 ug/l
RT: 5.530 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

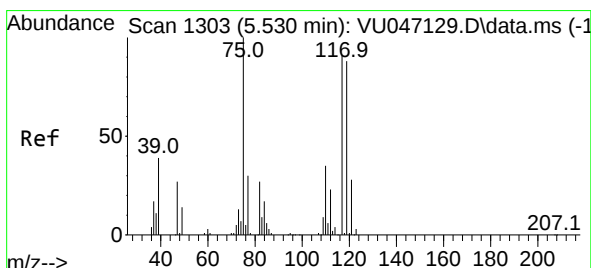
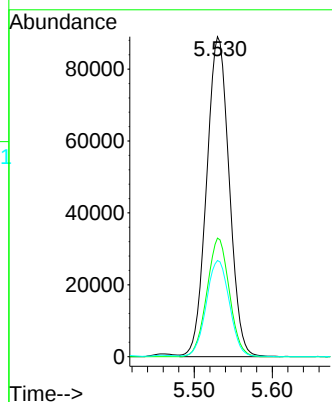
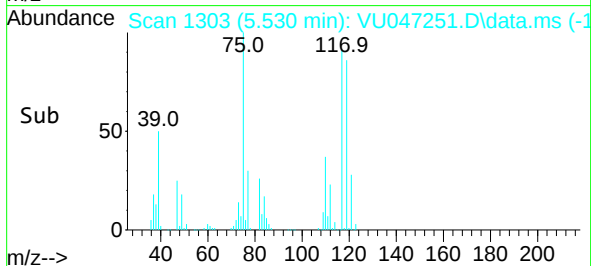
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



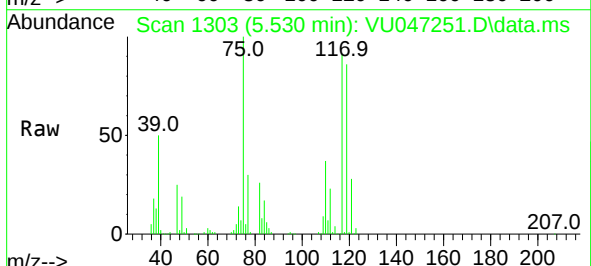
Tgt Ion: 75 Resp: 179327
Ion Ratio Lower Upper
75 100
110 36.8 16.8 50.3
77 30.9 24.7 37.1

Manual Integrations
APPROVED

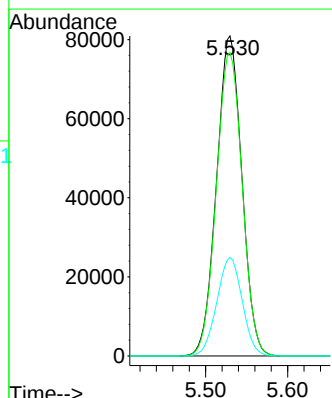
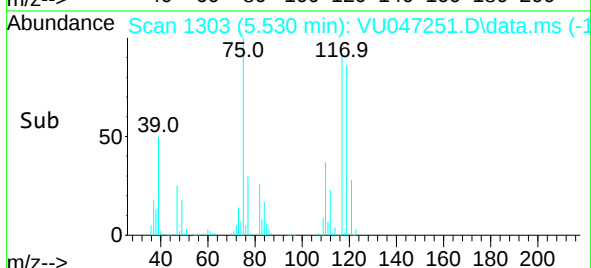
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

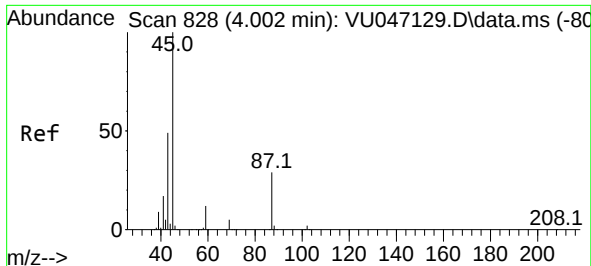


#30
Carbon Tetrachloride
Concen: 9.744 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



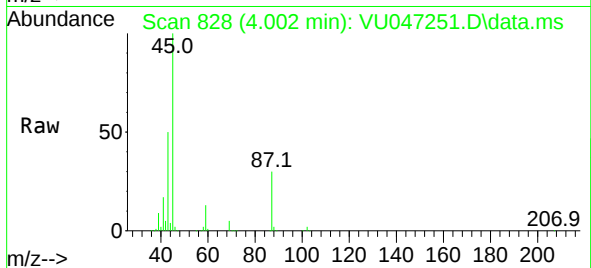
Tgt Ion:117 Resp: 174027
Ion Ratio Lower Upper
117 100
119 94.8 76.8 115.2
121 30.8 24.6 37.0





#31
Isopropyl Ether
Concen: 9.290 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

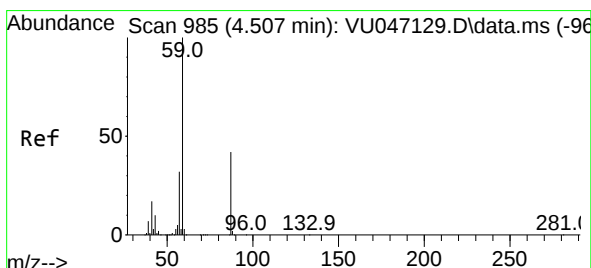
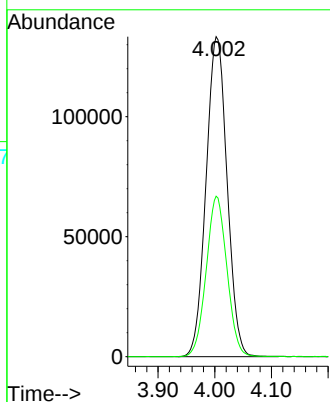
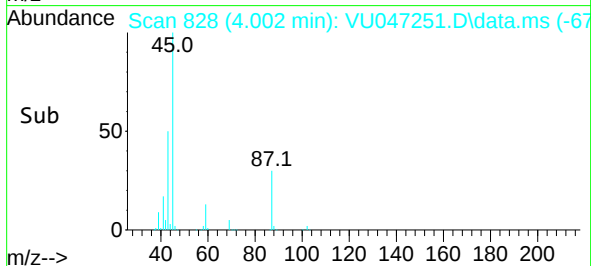
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



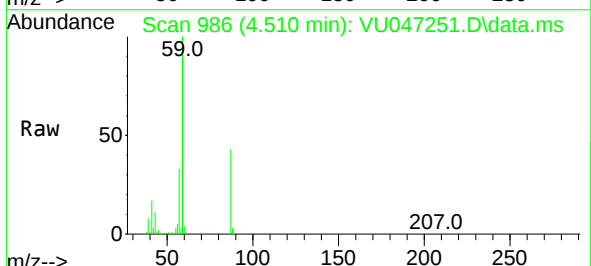
Tgt Ion: 45 Resp: 34359
Ion Ratio Lower Upper
45 100
43 49.5 25.3 75.8

Manual Integrations
APPROVED

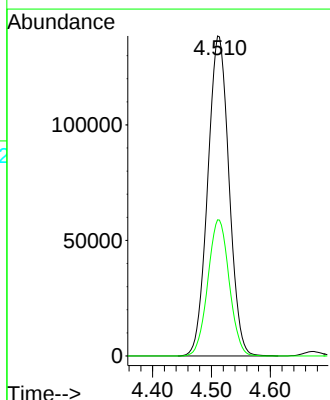
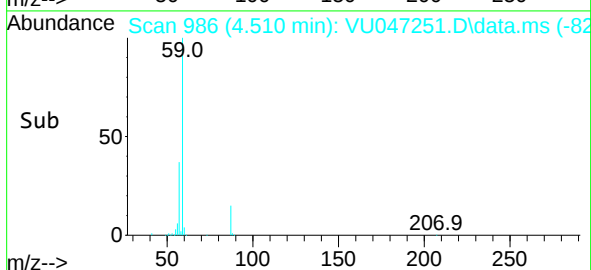
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

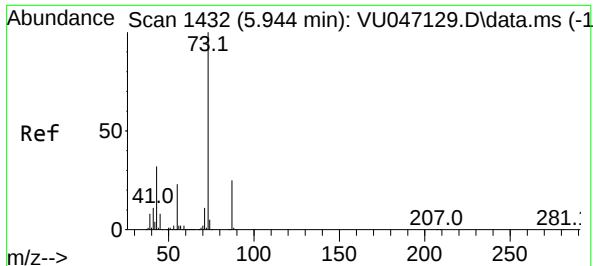


#32
Ethyl-t-butyl ether
Concen: 9.248 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



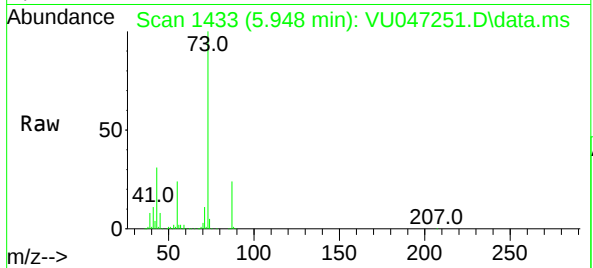
Tgt Ion: 59 Resp: 347692
Ion Ratio Lower Upper
59 100
87 42.8 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 8.941 ug/l
RT: 5.948 min Scan# 1432
Delta R.T. 0.003 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

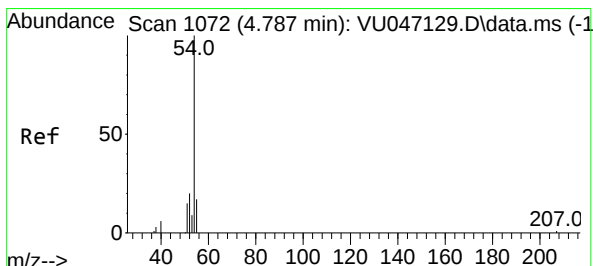
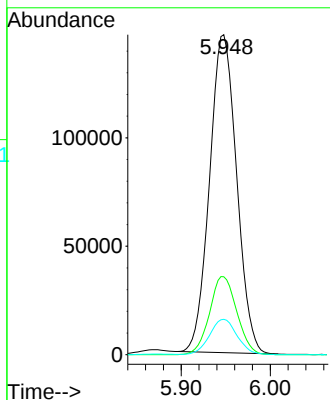
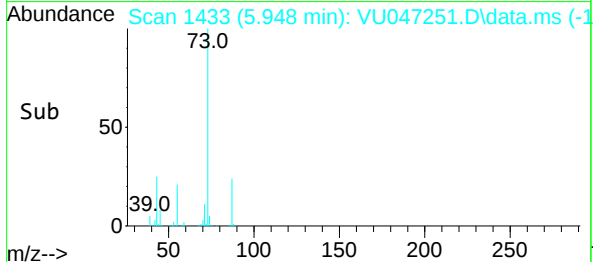
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



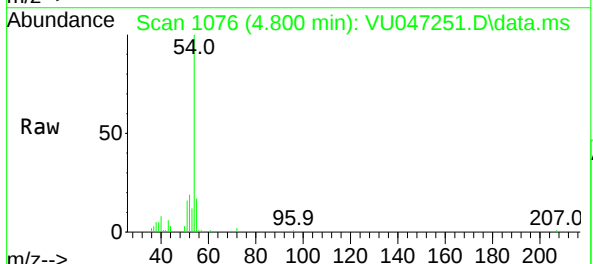
Tgt Ion: 73 Resp: 309608
Ion Ratio Lower Upper
73 100
87 24.7 18.6 28.0
71 11.3 9.0 13.6

Manual Integrations
APPROVED

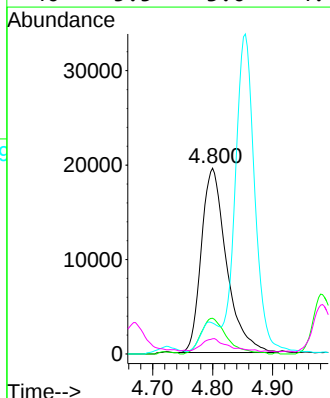
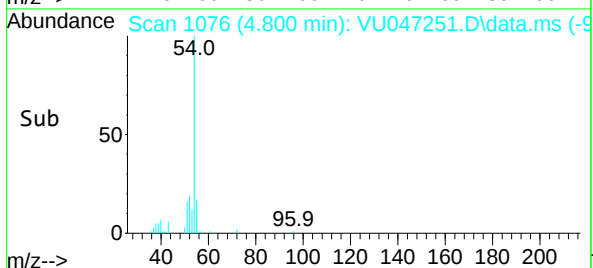
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

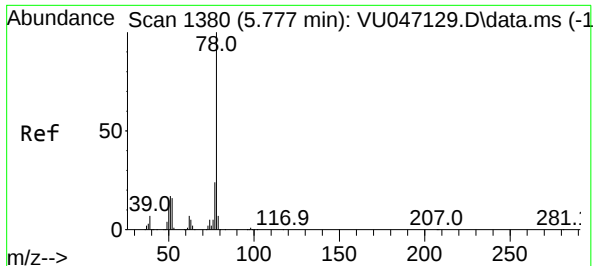


#34
Propionitrile
Concen: 54.299 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.013 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



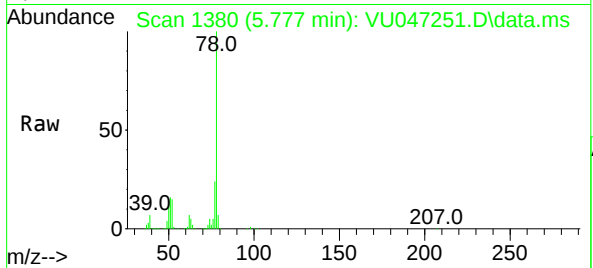
Tgt Ion: 54 Resp: 57019
Ion Ratio Lower Upper
54 100
52 20.0 11.9 17.9#
55 12.7 8.0 12.0#
40 5.5 3.0 4.4#





#35
Benzene
Concen: 9.685 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

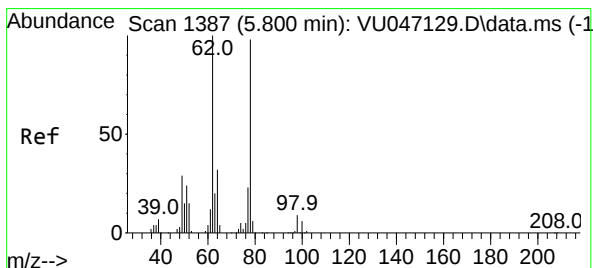
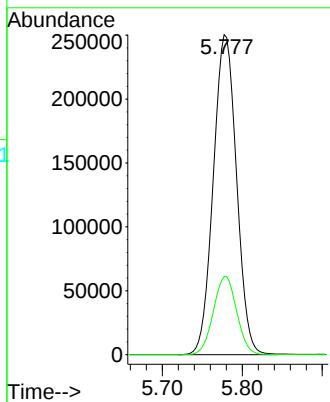
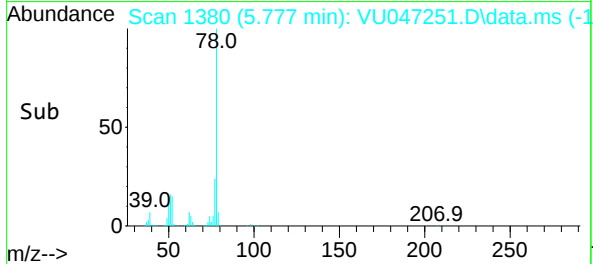
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



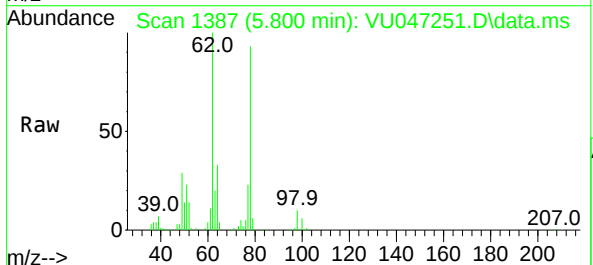
Tgt Ion: 78 Resp: 50471
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

Manual Integrations
APPROVED

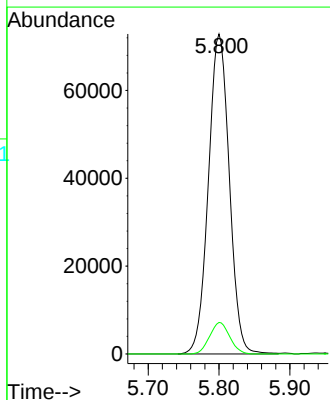
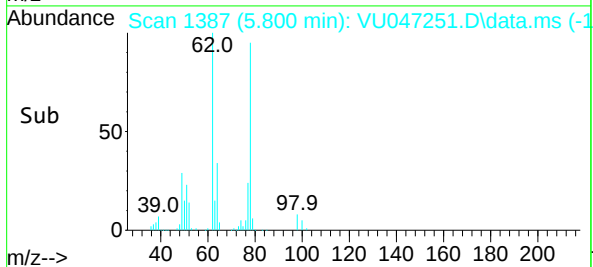
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

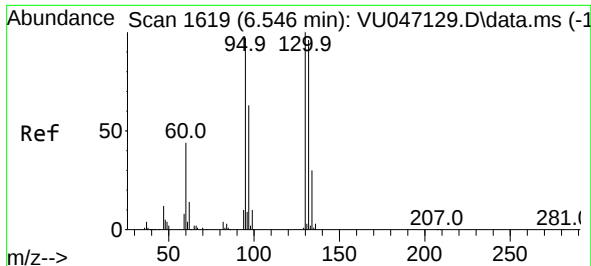


#36
1,2-Dichloroethane
Concen: 9.460 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



Tgt Ion: 62 Resp: 149262
Ion Ratio Lower Upper
62 100
98 9.5 7.3 10.9





#37

Trichloroethene

Concen: 9.921 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU047251.D

Acq: 23 Feb 2022 15:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:130 Resp: 143140

Ion Ratio Lower Upper

130 100

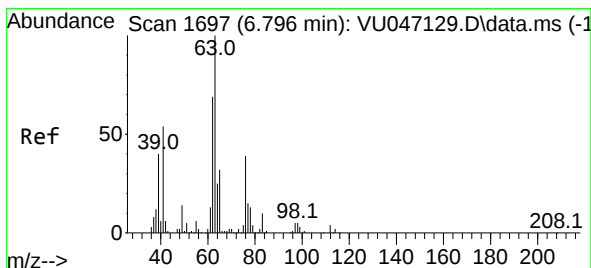
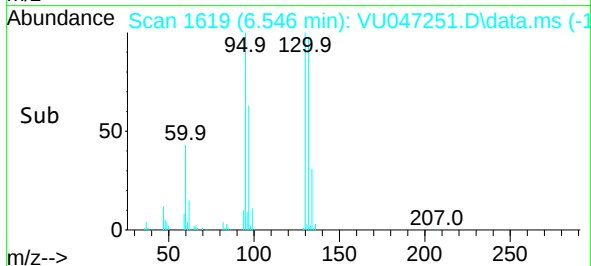
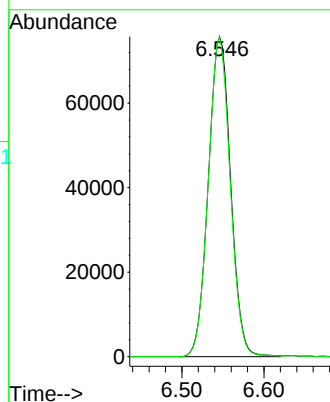
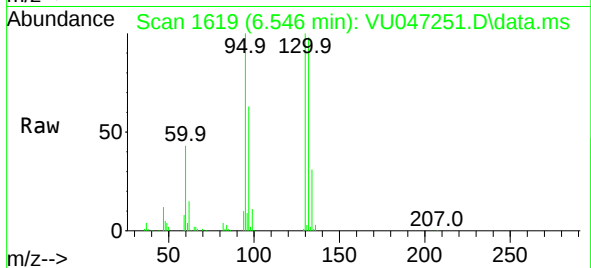
95 99.7 83.8 125.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#38

1,2-Dichloropropane

Concen: 9.465 ug/l

RT: 6.797 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VU047251.D

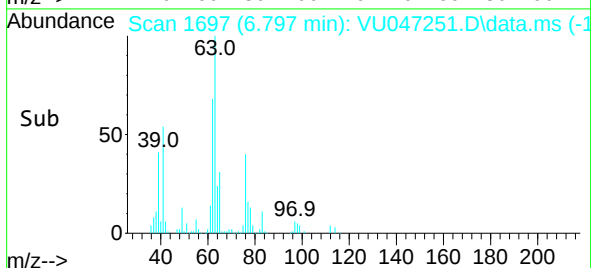
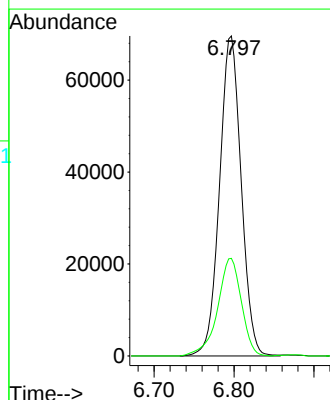
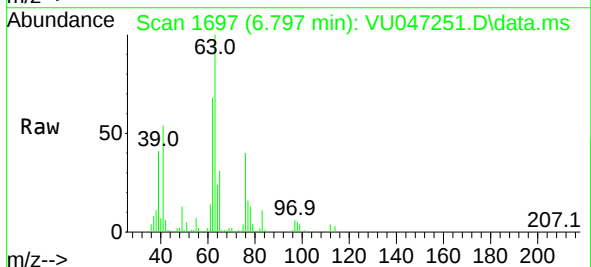
Acq: 23 Feb 2022 15:34

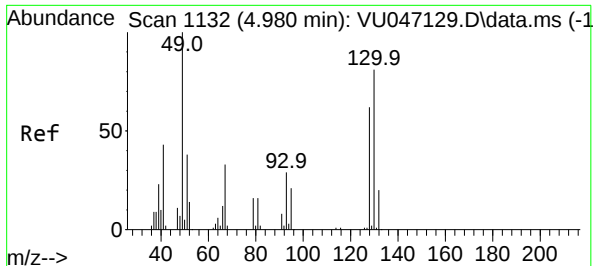
Tgt Ion: 63 Resp: 130528

Ion Ratio Lower Upper

63 100

65 30.5 24.7 37.1





#39

Methacrylonitrile

Concen: 9.175 ug/l

RT: 4.983 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU047251.D

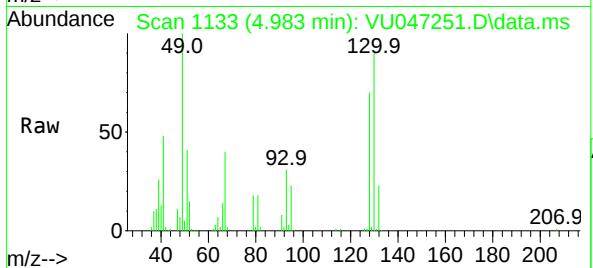
Acq: 23 Feb 2022 15:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 41 Resp: 4360

Ion Ratio Lower Upper

41 100

67 82.1 65.2 97.8

39 55.4 43.0 64.6

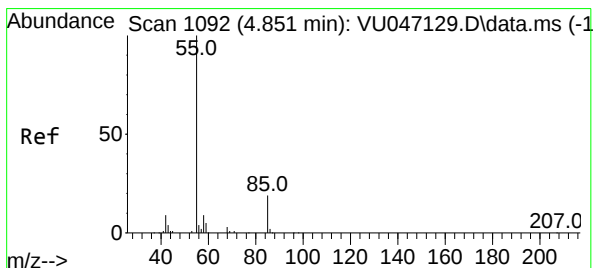
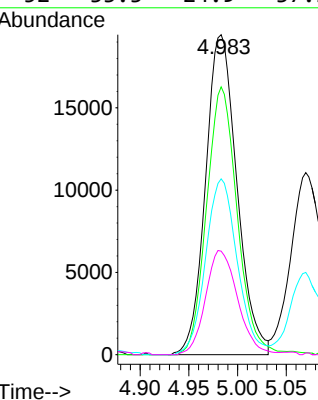
52 33.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#40

Methyl acrylate

Concen: 9.570 ug/l

RT: 4.855 min Scan# 1093

Delta R.T. 0.003 min

Lab File: VU047251.D

Acq: 23 Feb 2022 15:34

Tgt Ion: 55 Resp: 76889

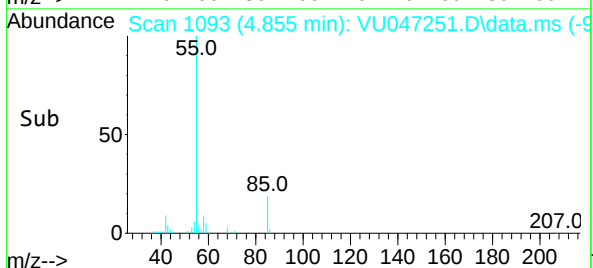
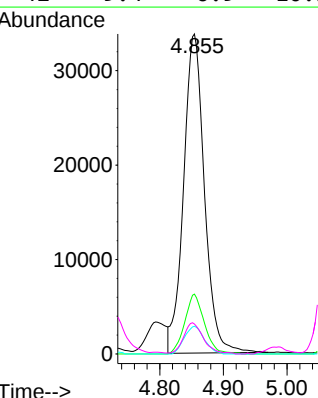
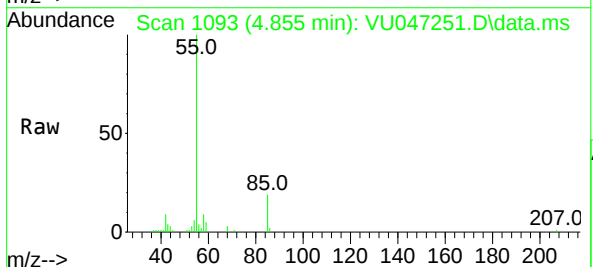
Ion Ratio Lower Upper

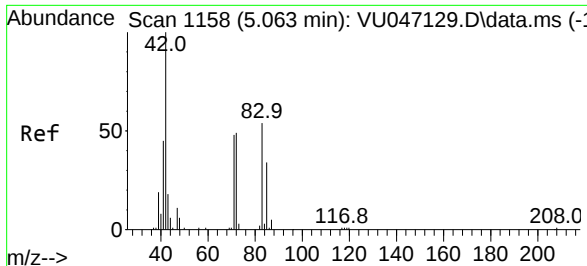
55 100

85 17.7 12.2 18.2

58 8.3 6.7 10.1

42 9.4 6.9 10.3





#41

Tetrahydrofuran

Concen: 18.825 ug/l

RT: 5.070 min Scan# 1158

Delta R.T. 0.007 min

Lab File: VU047251.D

Acq: 23 Feb 2022 15:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 42 Resp: 45579

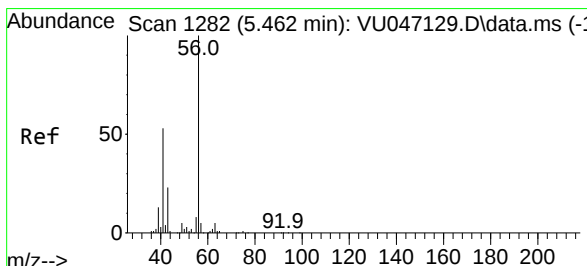
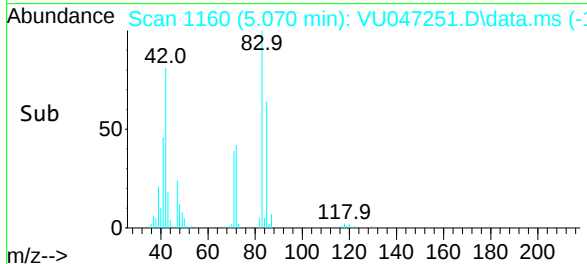
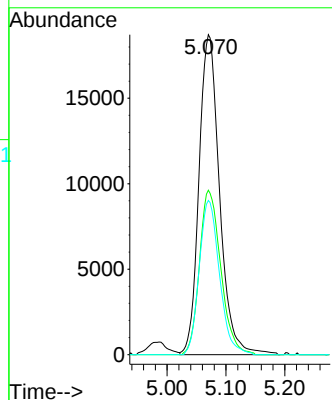
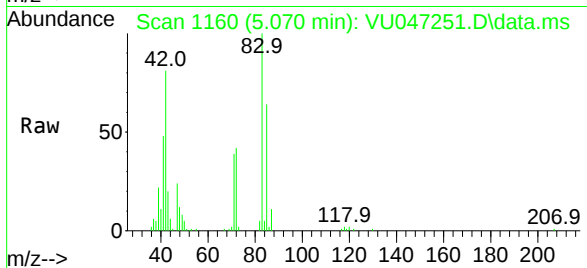
Ion	Ratio	Lower	Upper
42	100		
72	53.2	42.4	63.6
71	47.4	36.4	54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#42

1-Chlorobutane

Concen: 9.473 ug/l

RT: 5.462 min Scan# 1282

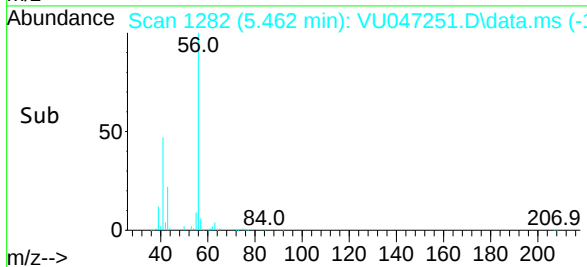
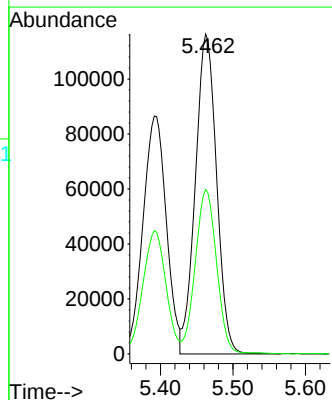
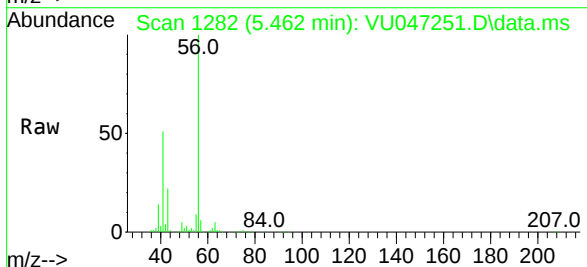
Delta R.T. 0.000 min

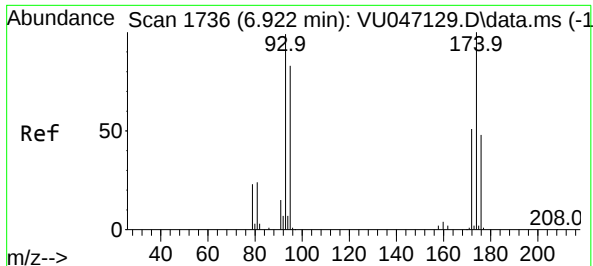
Lab File: VU047251.D

Acq: 23 Feb 2022 15:34

Tgt Ion: 56 Resp: 236521

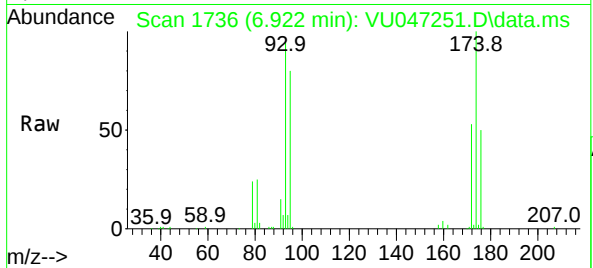
Ion	Ratio	Lower	Upper
56	100		
41	51.0	26.0	78.0





#43
Dibromomethane
Concen: 9.555 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

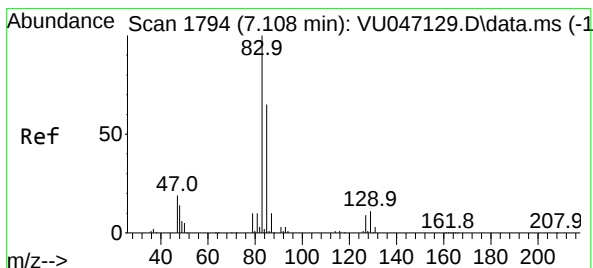
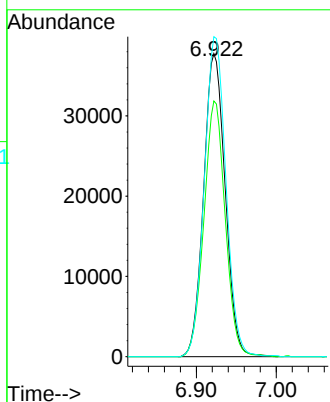
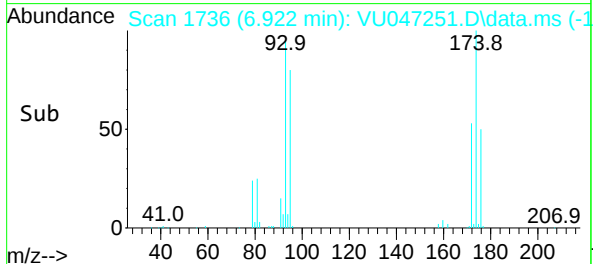
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



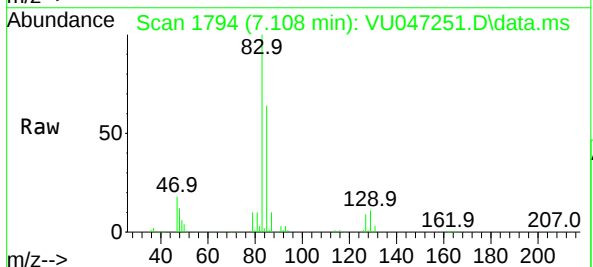
Tgt Ion: 93 Resp: 71060
Ion Ratio Lower Upper
93 100
95 83.3 66.2 99.2
174 105.5 70.7 106.1

Manual Integrations
APPROVED

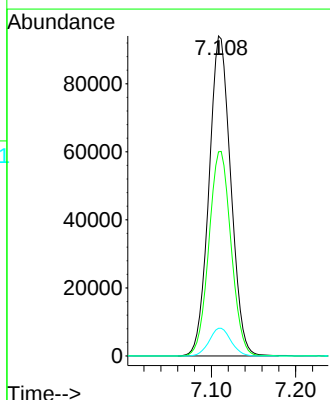
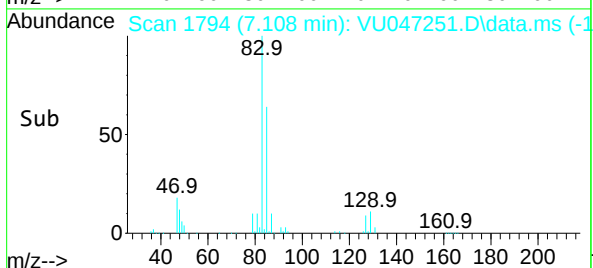
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

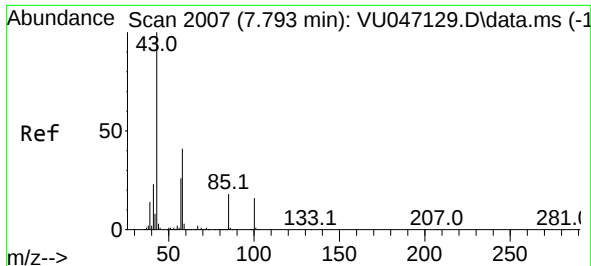


#44
Bromodichloromethane
Concen: 9.605 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



Tgt Ion: 83 Resp: 168950
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: 41.901 ug/l

RT: 7.797 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047251.D

Acq: 23 Feb 2022 15:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 42146

Ion Ratio Lower Upper

43 100

58 42.6 21.0 63.0

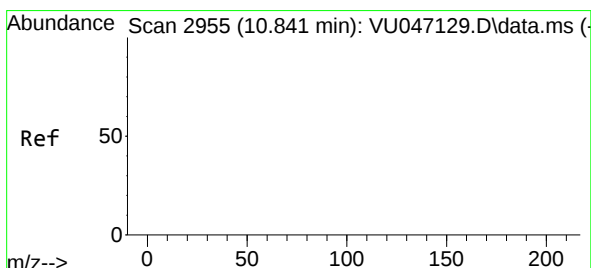
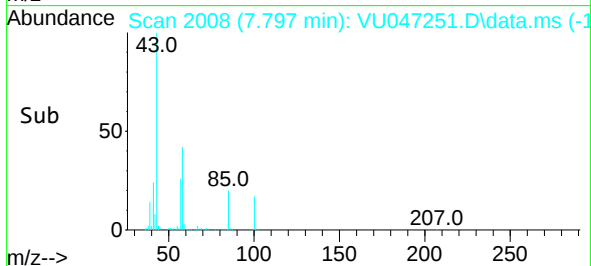
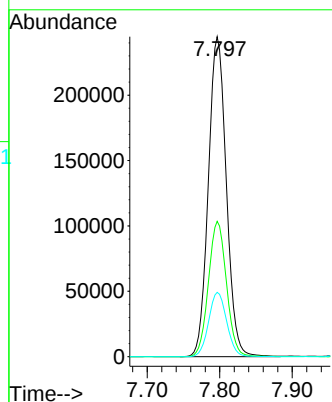
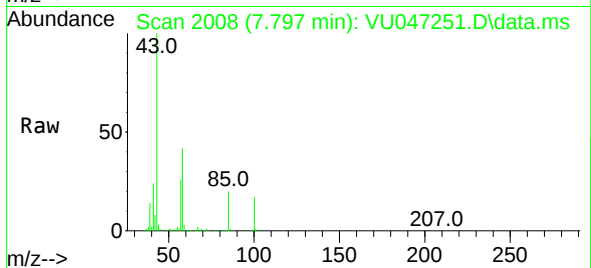
85 20.2 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#46

t-1,4-Dichloro-2-butene

Concen: 20.624 ug/l m

RT: 10.841 min Scan# 2955

Delta R.T. 0.000 min

Lab File: VU047251.D

Acq: 23 Feb 2022 15:34

Tgt Ion: 75 Resp: 90306

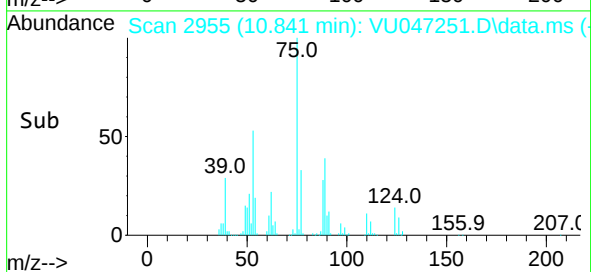
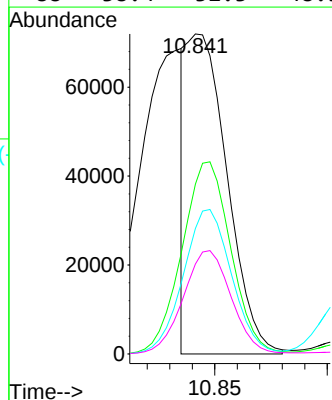
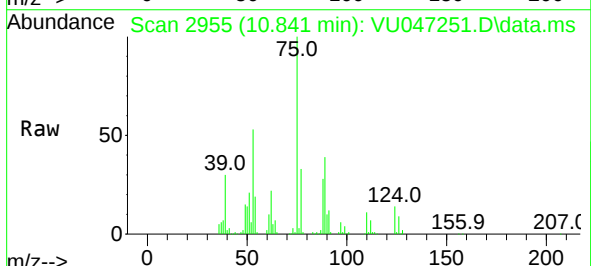
Ion Ratio Lower Upper

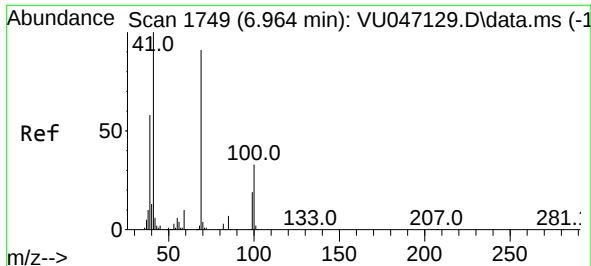
75 100

53 72.5 66.8 100.2

89 53.9 41.7 62.5

88 38.4 32.3 48.5





#47

Methyl methacrylate

Concen: 17.793 ug/l

RT: 6.967 min Scan# 1749

Delta R.T. 0.003 min

Lab File: VU047251.D

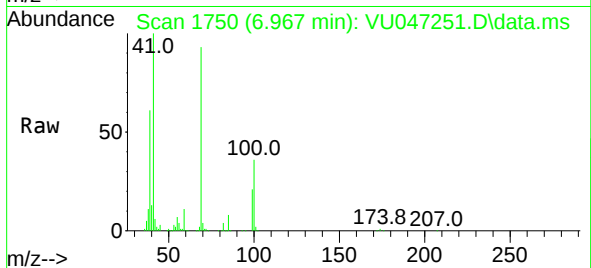
Acq: 23 Feb 2022 15:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 69 Resp: 138780

Ion Ratio Lower Upper

69 100

41 106.2 0.0 230.0

39 63.3 55.1 82.7

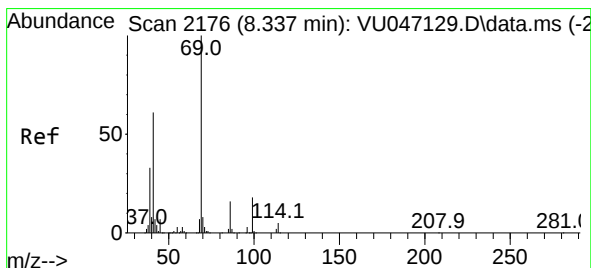
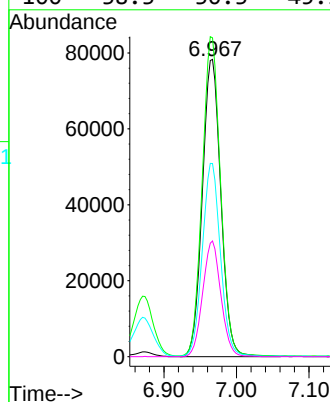
100 38.3 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#48

Ethyl methacrylate

Concen: 9.035 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU047251.D

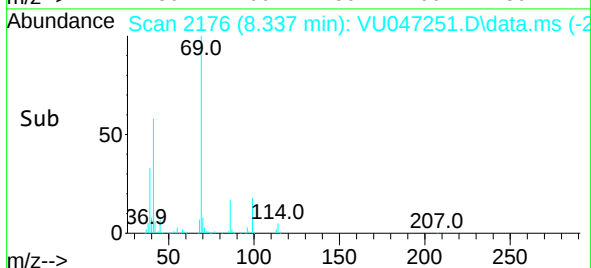
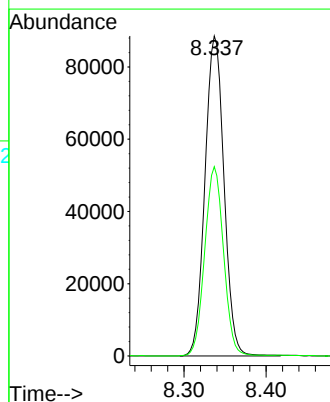
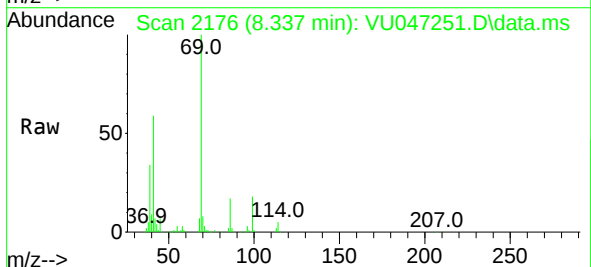
Acq: 23 Feb 2022 15:34

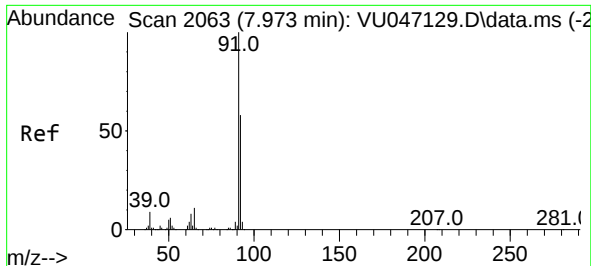
Tgt Ion: 69 Resp: 142848

Ion Ratio Lower Upper

69 100

41 58.6 32.6 98.0





#49

Toluene

Concen: 9.681 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU047251.D

Acq: 23 Feb 2022 15:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 92 Resp: 325438

Ion Ratio Lower Upper

92 100

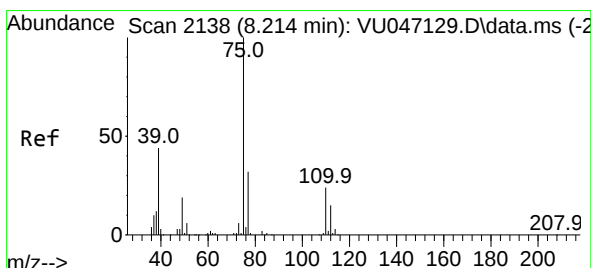
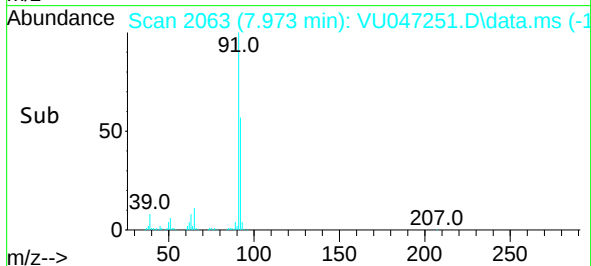
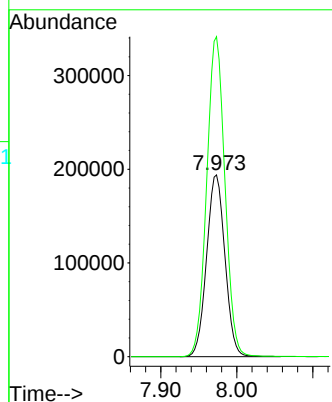
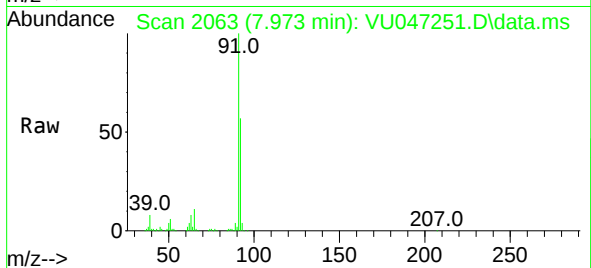
91 175.0 136.8 205.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#50

t-1,3-Dichloropropene

Concen: 9.117 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU047251.D

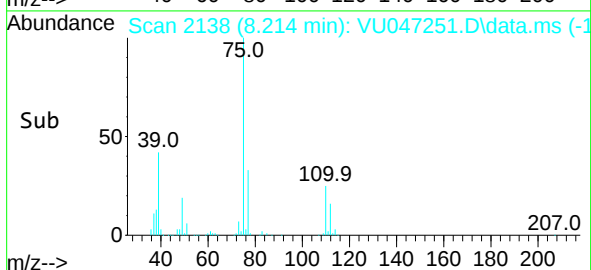
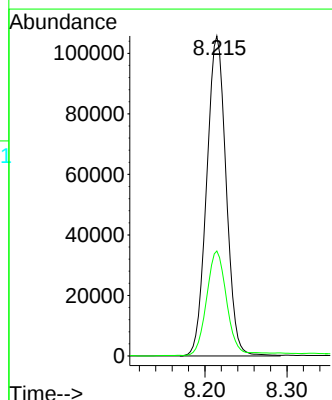
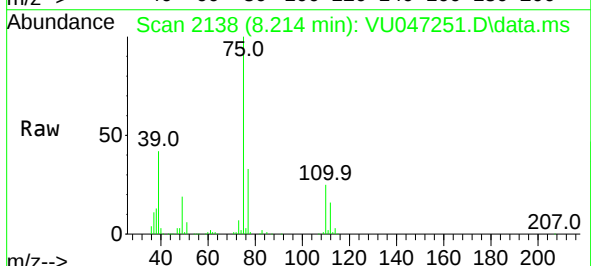
Acq: 23 Feb 2022 15:34

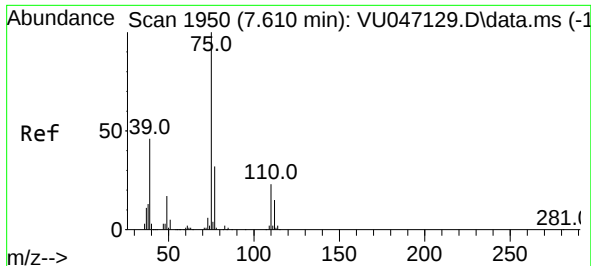
Tgt Ion: 75 Resp: 173577

Ion Ratio Lower Upper

75 100

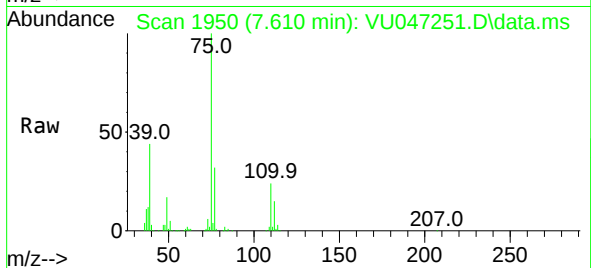
77 32.6 25.6 38.4





#51
cis-1,3-Dichloropropene
Concen: 9.375 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

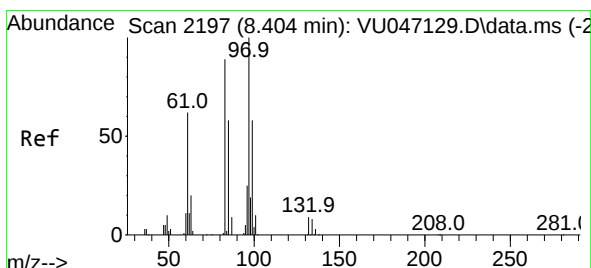
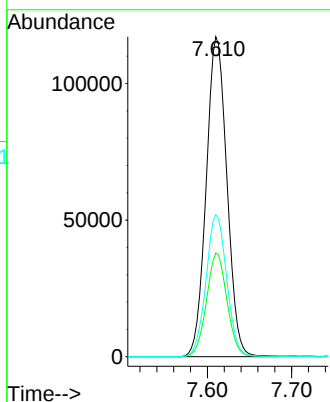
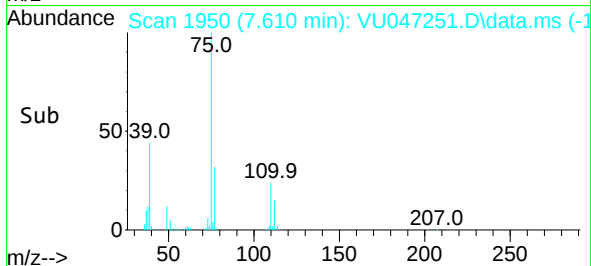
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 75 Resp: 200090
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8
39 44.4 38.6 57.8

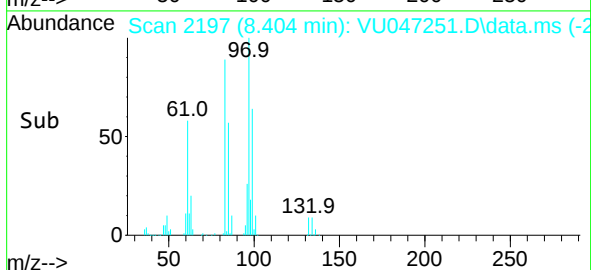
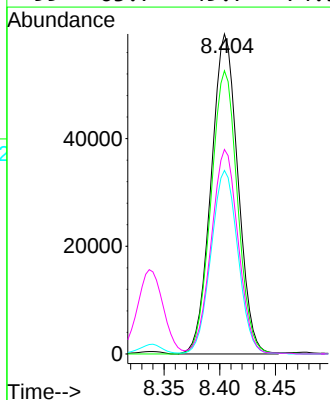
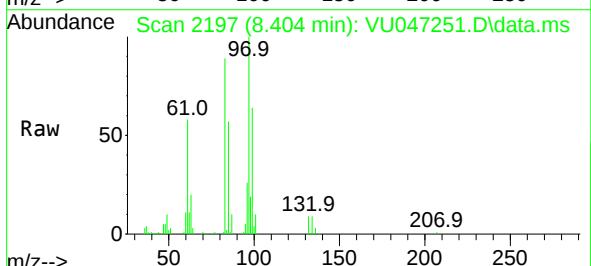
Manual Integrations
APPROVED

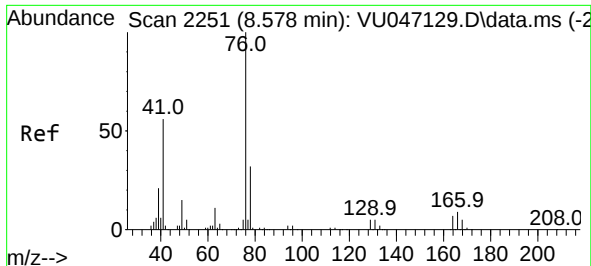
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#52
1,1,2-Trichloroethane
Concen: 9.380 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

Tgt Ion: 97 Resp: 99532
Ion Ratio Lower Upper
97 100
83 88.5 69.8 104.8
85 57.1 44.2 66.4
99 63.7 49.7 74.5





#53

1,3-Dichloropropane

Concen: 9.196 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047251.D

Acq: 23 Feb 2022 15:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 76 Resp: 17434

Ion Ratio Lower Upper

76 100

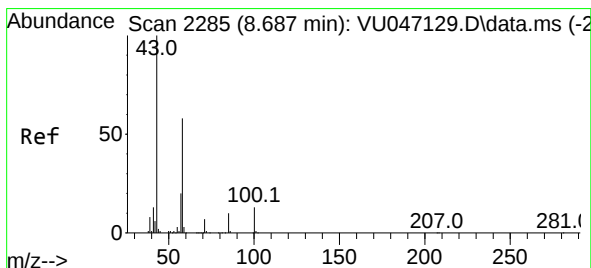
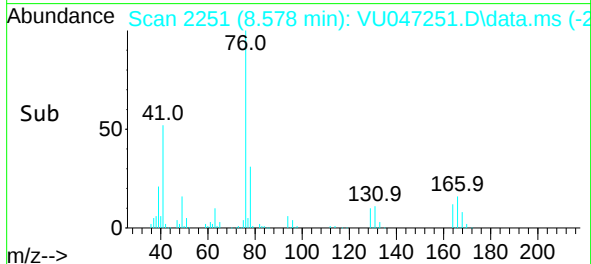
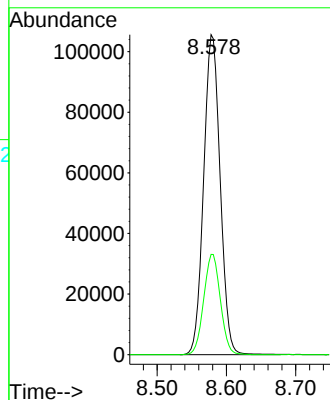
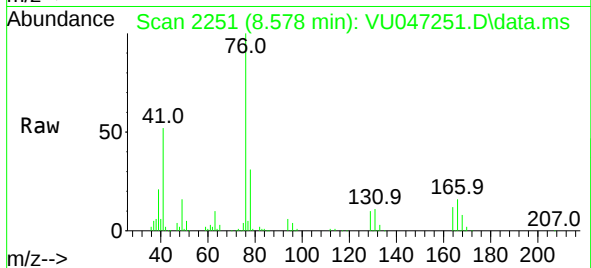
78 31.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#54

2-Hexanone

Concen: 41.450 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU047251.D

Acq: 23 Feb 2022 15:34

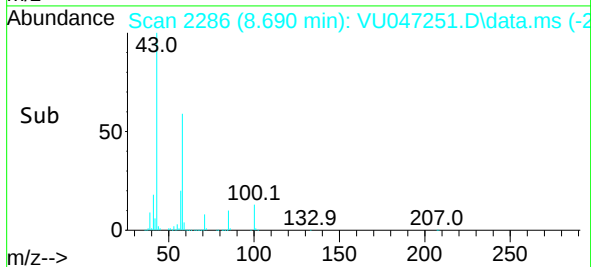
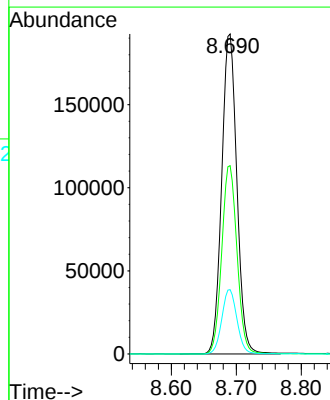
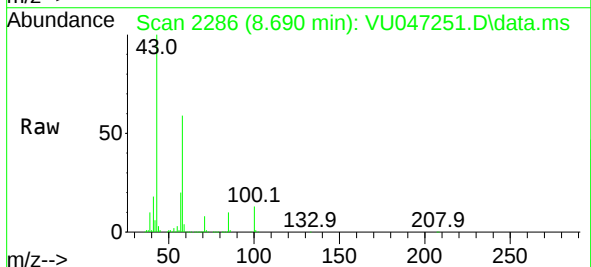
Tgt Ion: 43 Resp: 310616

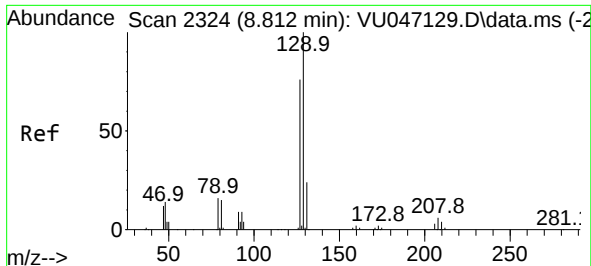
Ion Ratio Lower Upper

43 100

58 59.3 37.7 77.7

57 20.0 0.5 40.5





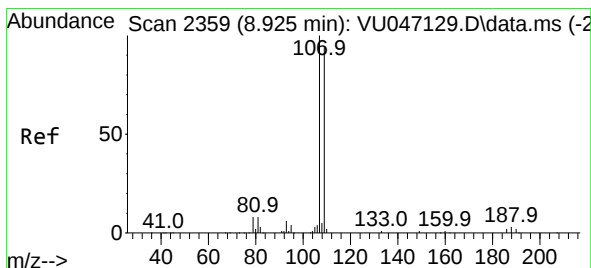
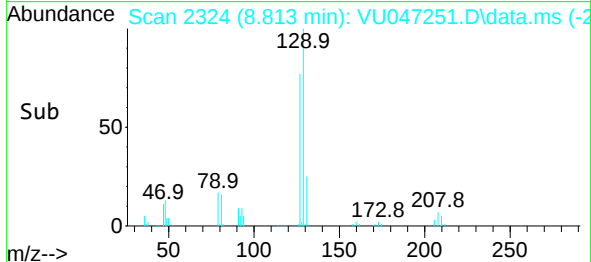
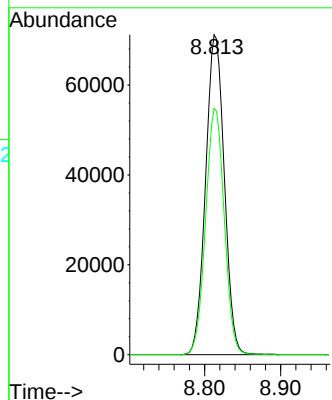
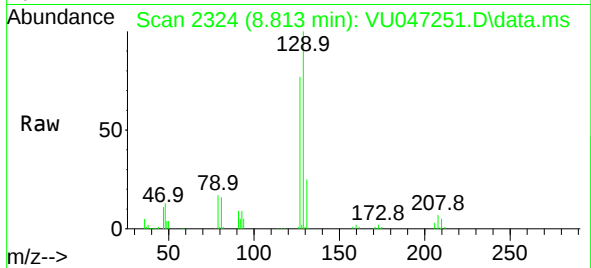
#55
Dibromochloromethane
Concen: 9.425 ug/l
RT: 8.813 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:129 Resp: 12158
Ion Ratio Lower Upper
129 100
127 76.8 62.2 93.4

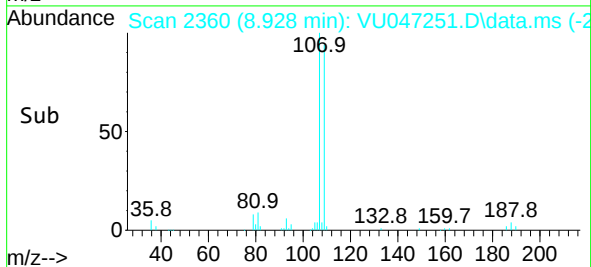
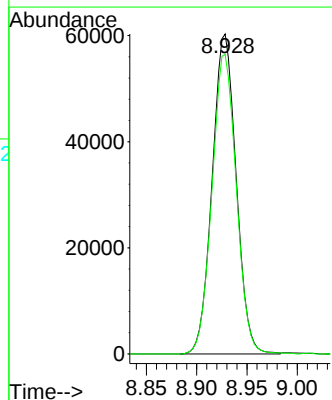
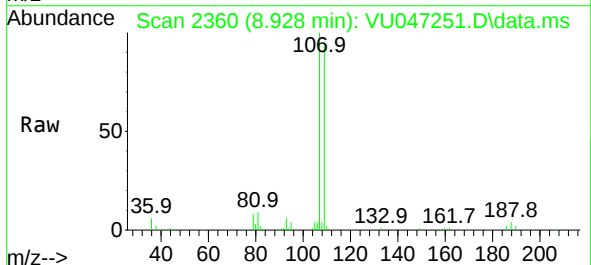
Manual Integrations
APPROVED

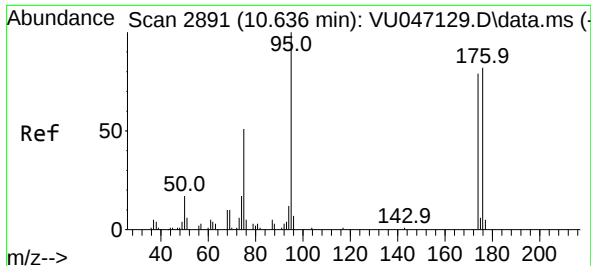
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#56
1,2-Dibromoethane
Concen: 9.330 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

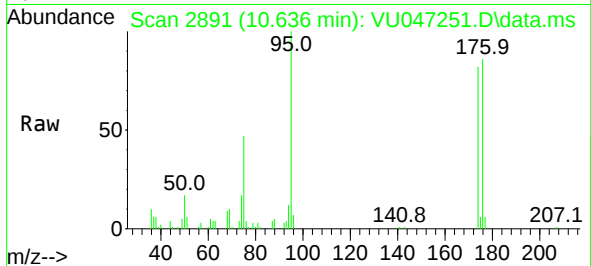
Tgt Ion:107 Resp: 100050
Ion Ratio Lower Upper
107 100
109 95.1 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.944 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

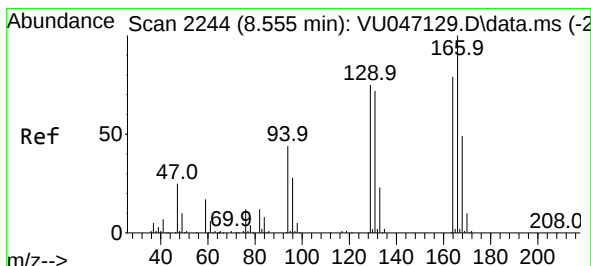
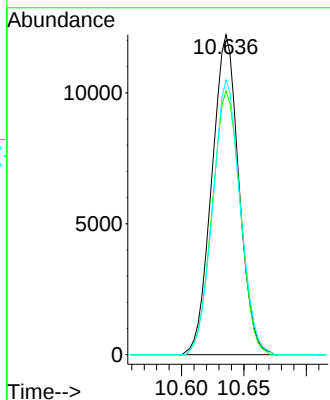
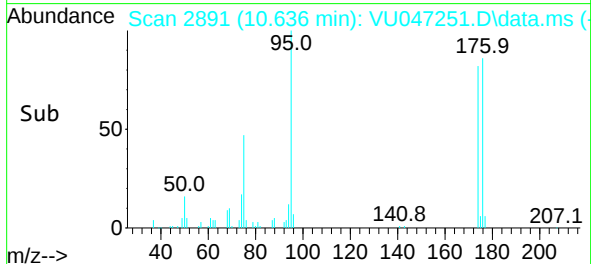
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



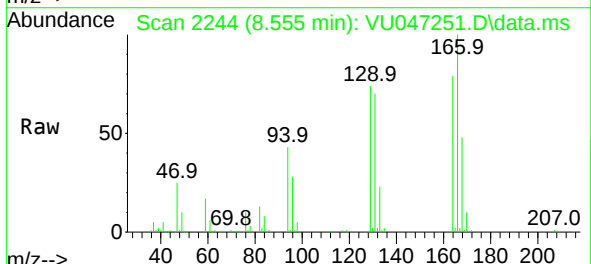
Tgt Ion: 95 Resp: 18500
Ion Ratio Lower Upper
95 100
174 85.4 56.6 84.8
176 87.1 54.3 81.5

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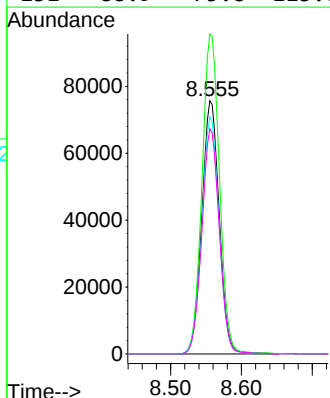
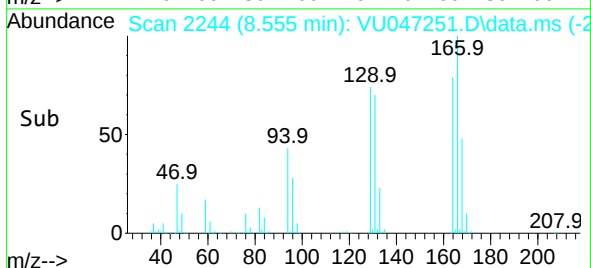
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

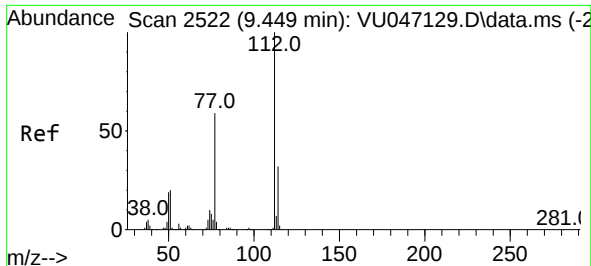


#58
Tetrachloroethene
Concen: 9.683 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



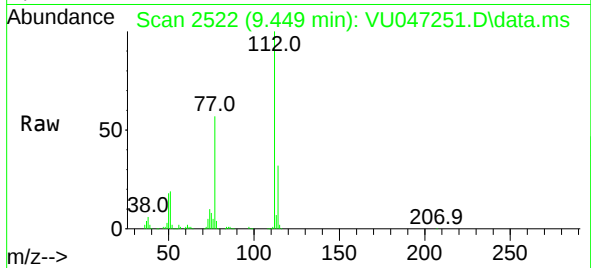
Tgt Ion:164 Resp: 128919
Ion Ratio Lower Upper
164 100
166 126.4 102.0 153.0
129 93.6 77.1 115.7
131 88.9 75.8 113.6





#59
Chlorobenzene
Concen: 9.619 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

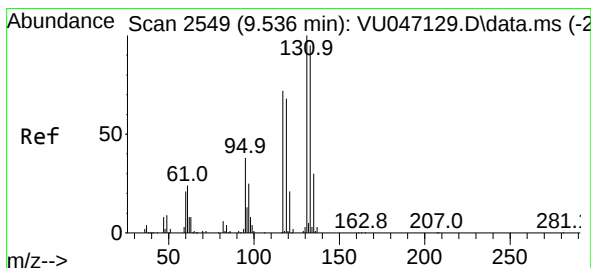
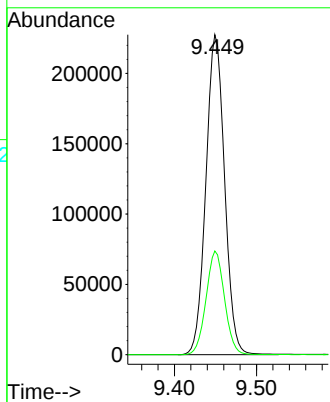
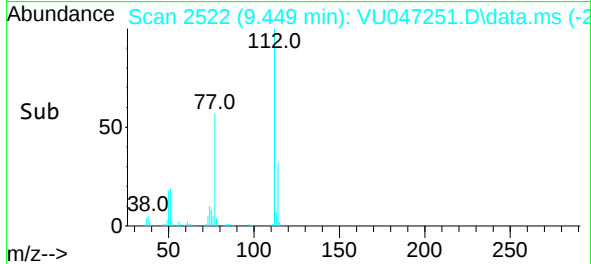
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



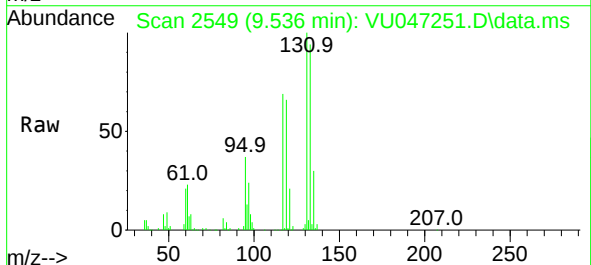
Tgt Ion:112 Resp: 360530
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0

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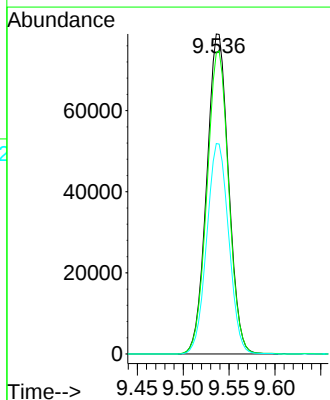
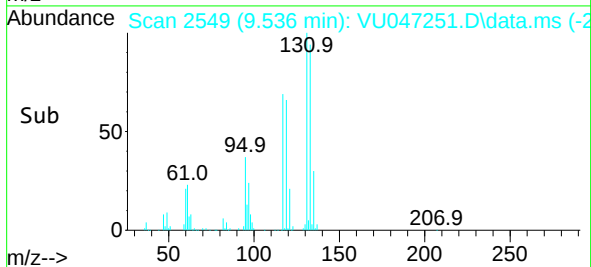
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

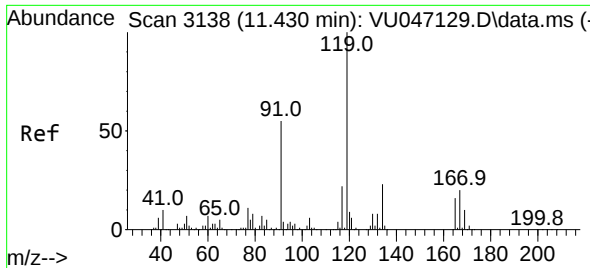


#60
1,1,1,2-Tetrachloroethane
Concen: 10.136 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



Tgt Ion:131 Resp: 130565
Ion Ratio Lower Upper
131 100
133 94.4 76.0 114.0
119 66.3 54.9 82.3





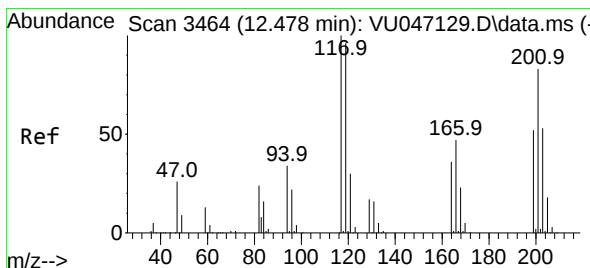
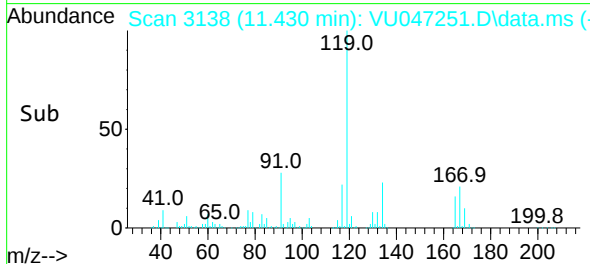
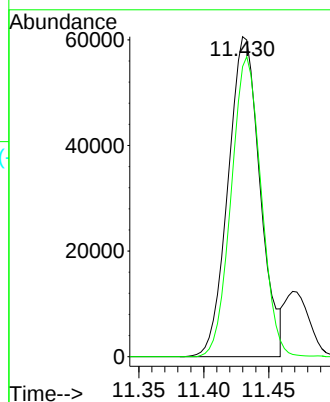
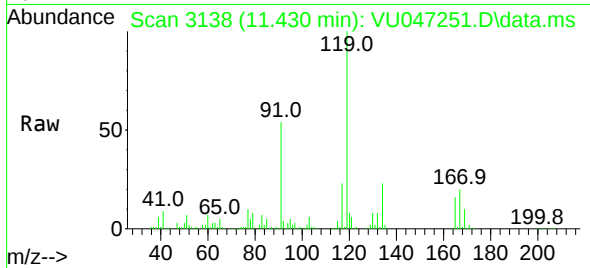
#61
 Pentachloroethane
 Concen: 10.637 ug/l
 RT: 11.430 min Scan# 3138
 Delta R.T. 0.000 min
 Lab File: VU047251.D
 Acq: 23 Feb 2022 15:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:117 Resp: 10402
 Ion Ratio Lower Upper
 117 100
 167 87.5 59.7 89.5

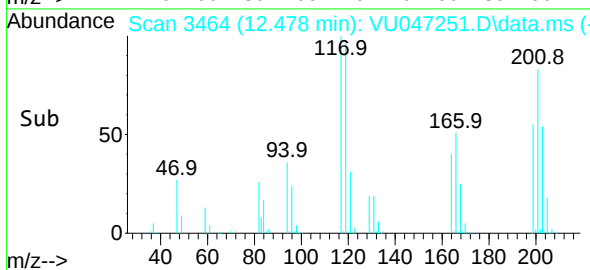
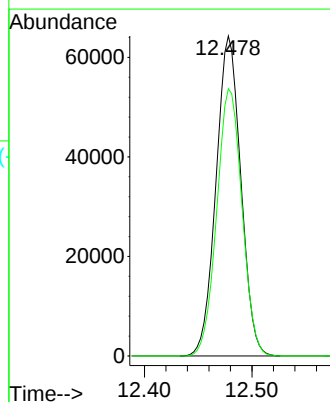
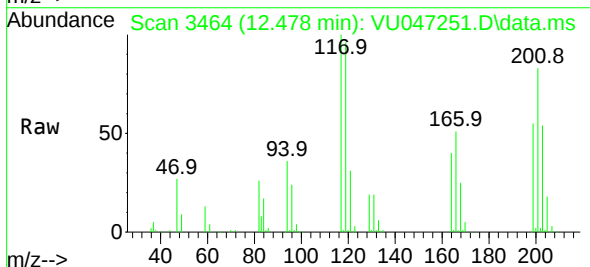
Manual Integrations
 APPROVED

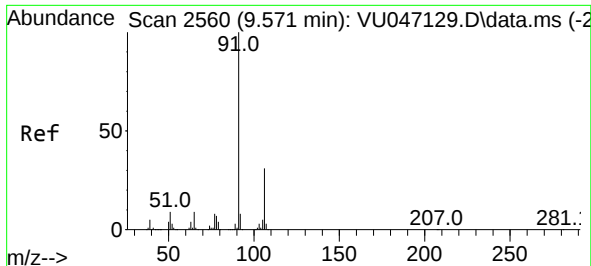
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#62
 Hexachloroethane
 Concen: 9.757 ug/l
 RT: 12.478 min Scan# 3464
 Delta R.T. 0.000 min
 Lab File: VU047251.D
 Acq: 23 Feb 2022 15:34

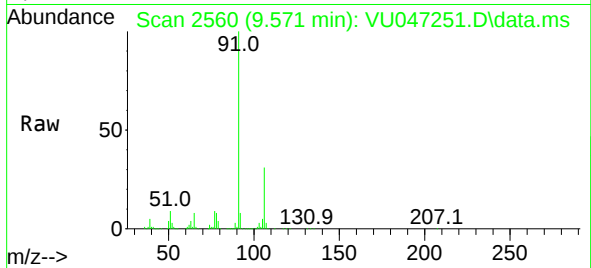
Tgt Ion:117 Resp: 103011
 Ion Ratio Lower Upper
 117 100
 201 85.1 53.6 80.4#





#63
Ethyl Benzene
Concen: 9.594 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

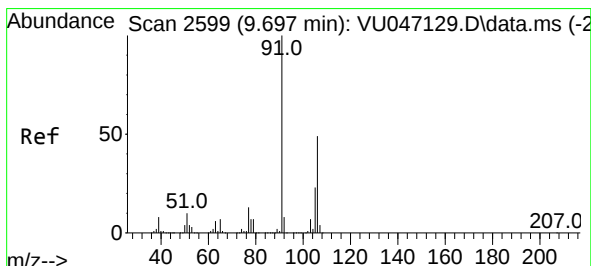
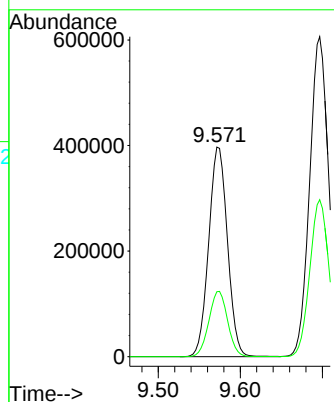
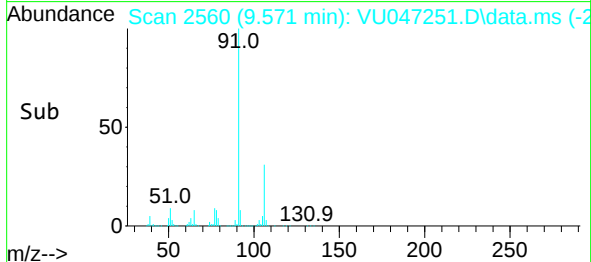
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



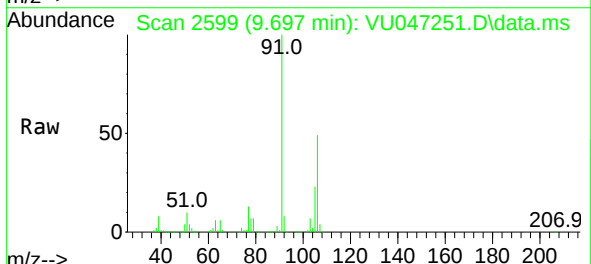
Tgt Ion: 91 Resp: 632120
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6

Manual Integrations
APPROVED

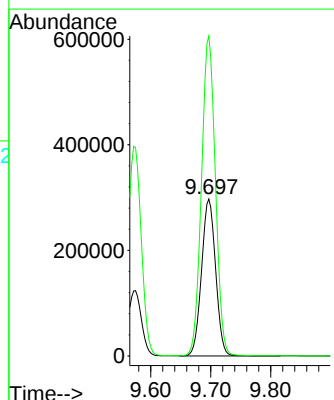
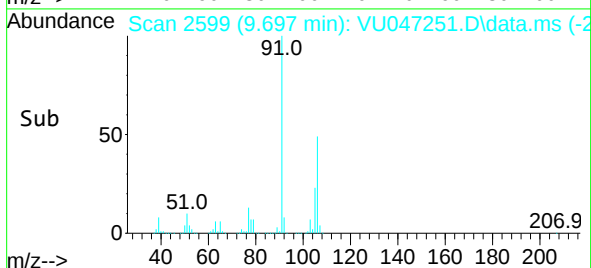
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

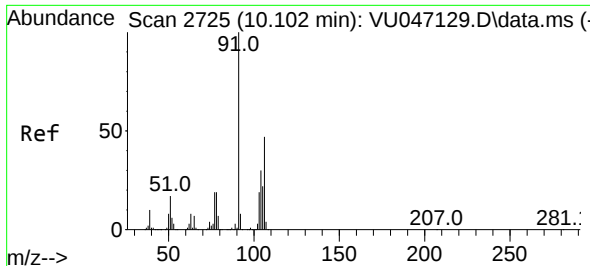


#64
m/p-Xylenes
Concen: 19.298 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



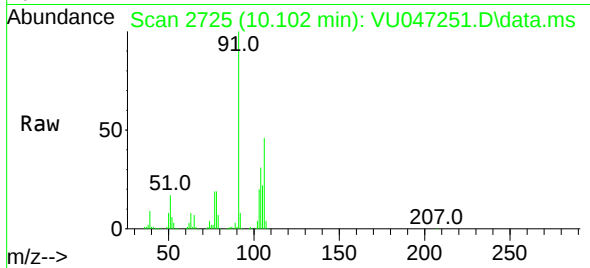
Tgt Ion:106 Resp: 484646
Ion Ratio Lower Upper
106 100
91 202.5 165.5 248.3





#65
o-Xylene
Concen: 9.554 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

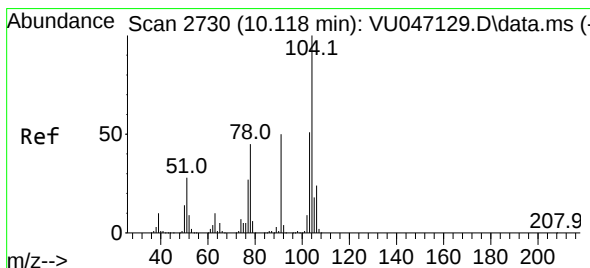
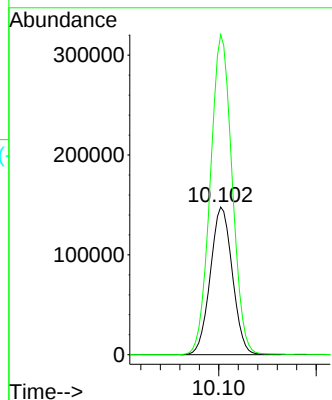
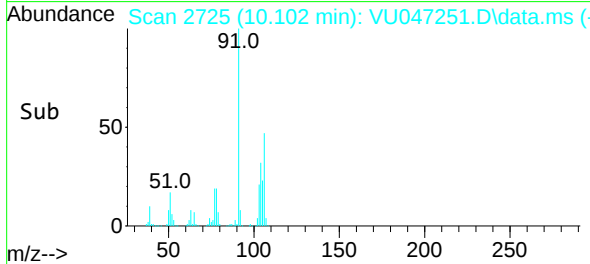
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:106 Resp: 232435
Ion Ratio Lower Upper
106 100
91 215.3 109.4 328.2

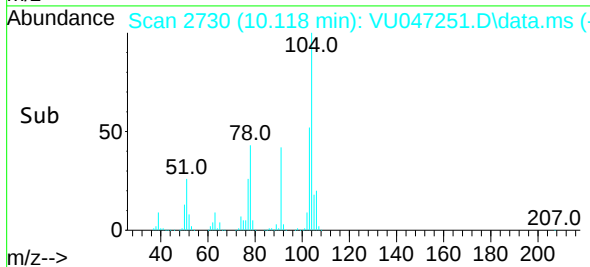
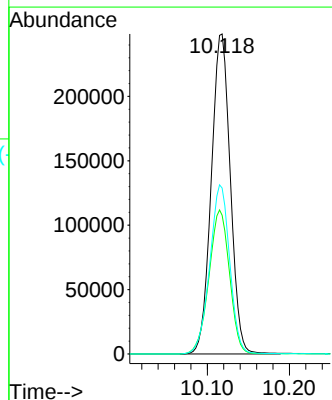
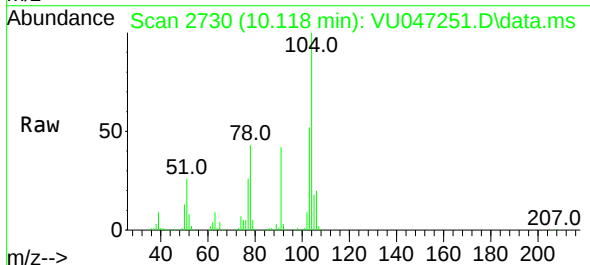
Manual Integrations
APPROVED

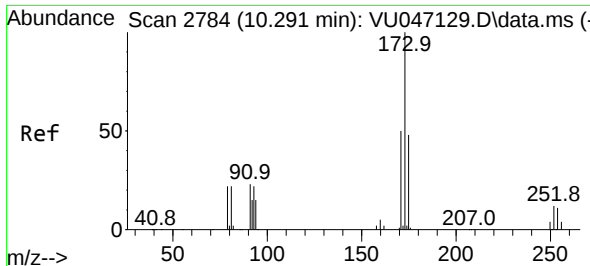
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#66
Styrene
Concen: 9.707 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

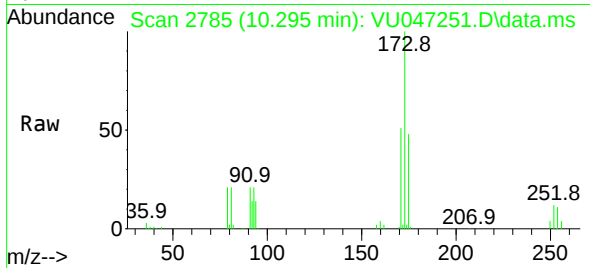
Tgt Ion:104 Resp: 400796
Ion Ratio Lower Upper
104 100
78 48.5 42.4 63.6
103 55.4 44.2 66.4





#67
Bromoform
Concen: 9.237 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

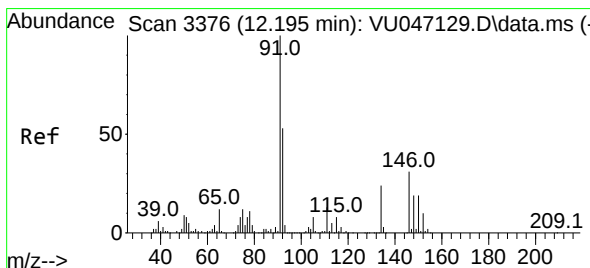
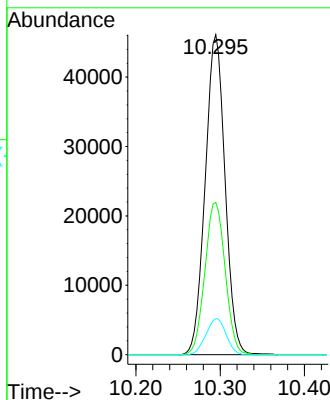
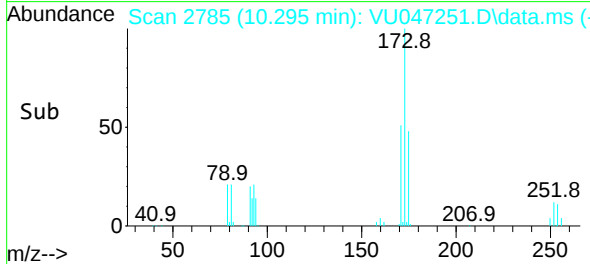
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



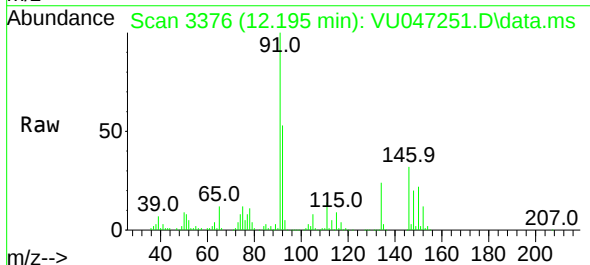
Tgt Ion:173 Resp: 7551
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.4
254 11.4 5.5 8.3

Manual Integrations
APPROVED

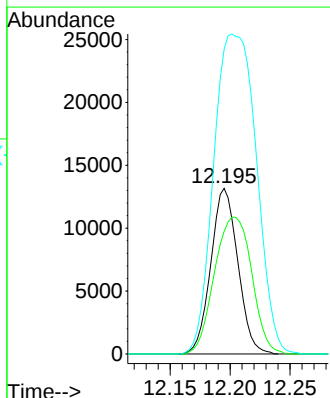
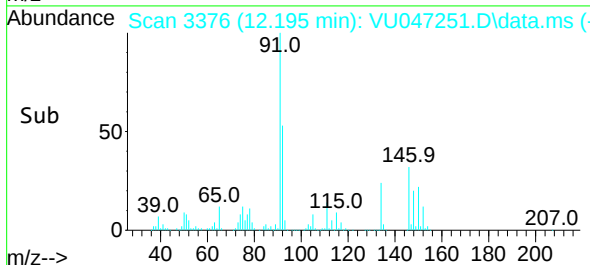
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

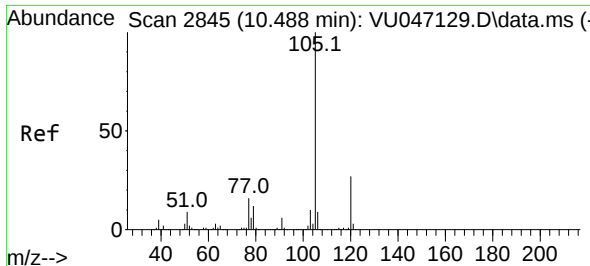


#68
1,2-Dichlorobenzene-d4
Concen: 1.011 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



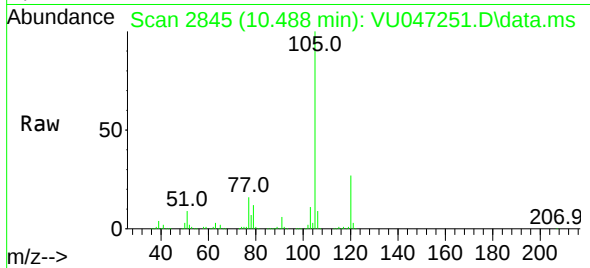
Tgt Ion:152 Resp: 20627
Ion Ratio Lower Upper
152 100
115 113.9 0.0 251.0
150 304.6 0.0 613.8





#69
Isopropylbenzene
Concen: 9.630 ug/l
RT: 10.488 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

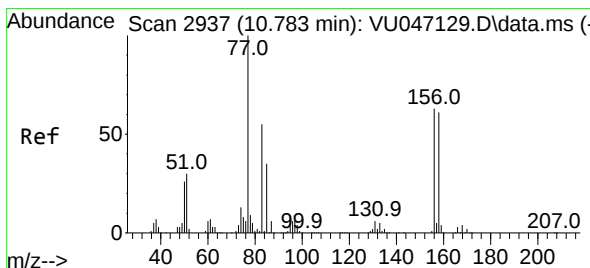
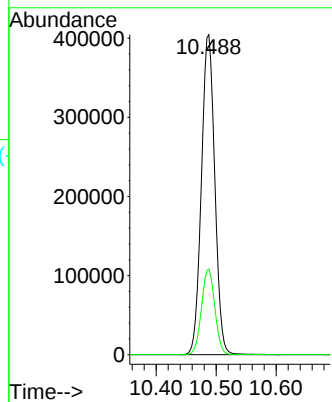
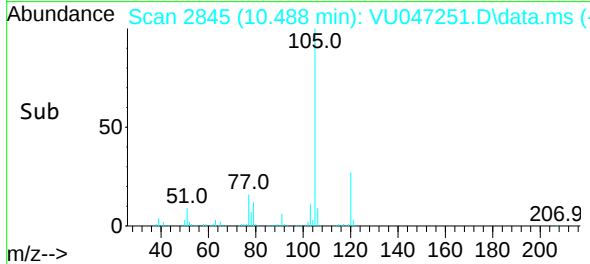
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:105 Resp: 63004
Ion Ratio Lower Upper
105 100
120 26.7 12.8 38.4

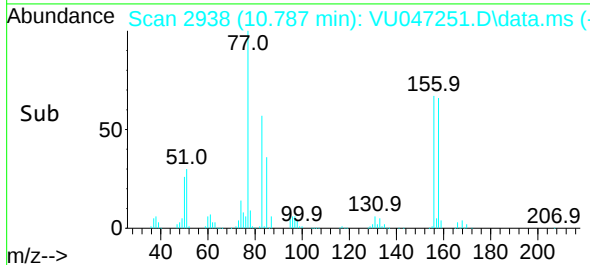
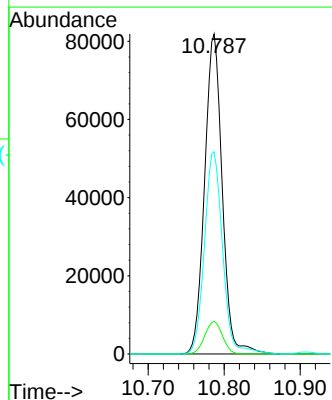
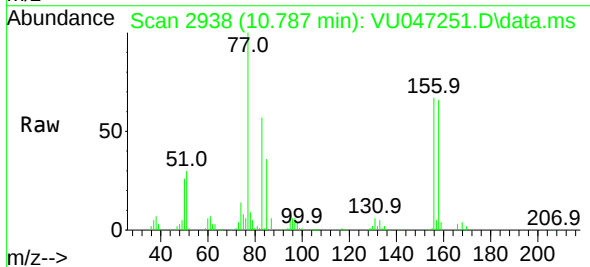
Manual Integrations
APPROVED

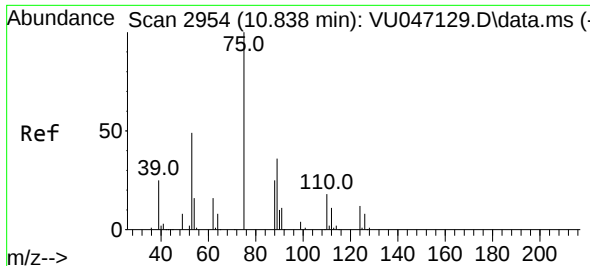
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 9.177 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

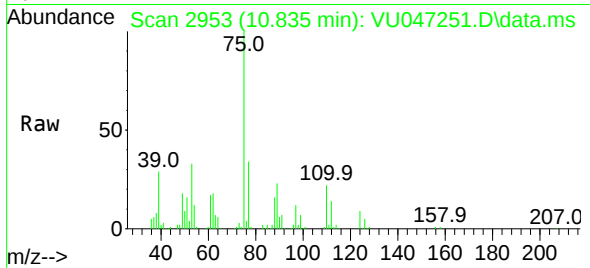
Tgt Ion: 83 Resp: 131649
Ion Ratio Lower Upper
83 100
131 10.2 7.6 11.4
85 65.2 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 7.618 ug/l m
RT: 10.835 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

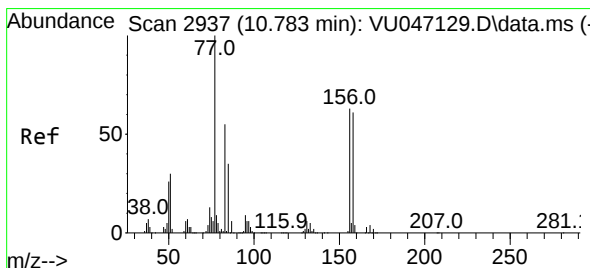
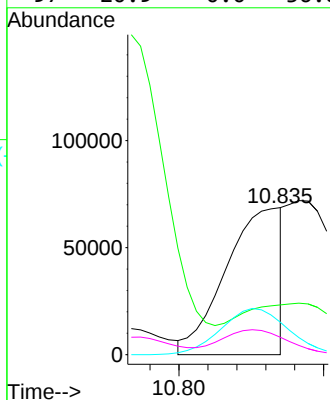
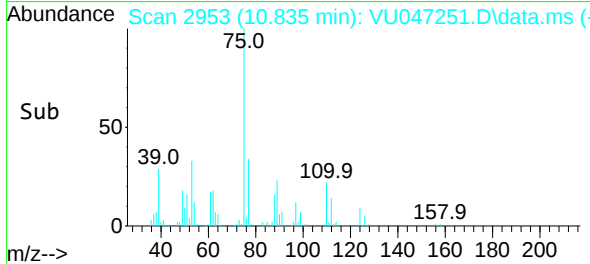
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



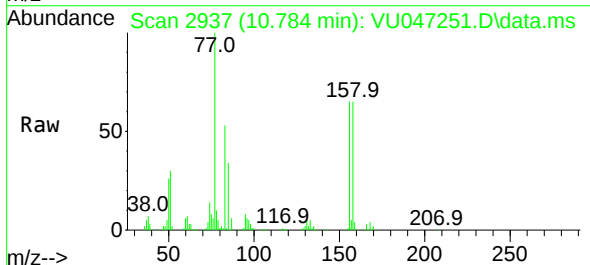
Tgt Ion: 75 Resp: 92230
Ion Ratio Lower Upper
75 100
77 62.6 0.0 105.6
110 37.9 0.0 71.2
97 20.9 0.0 36.8

Manual Integrations
APPROVED

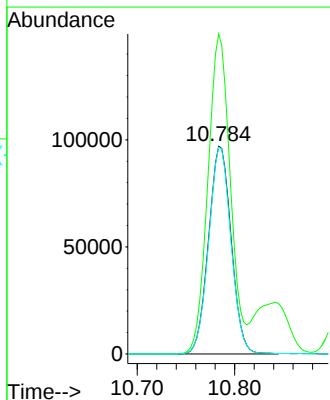
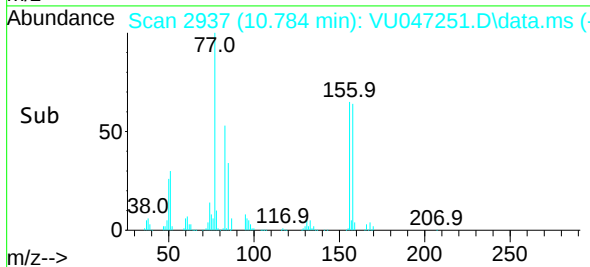
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

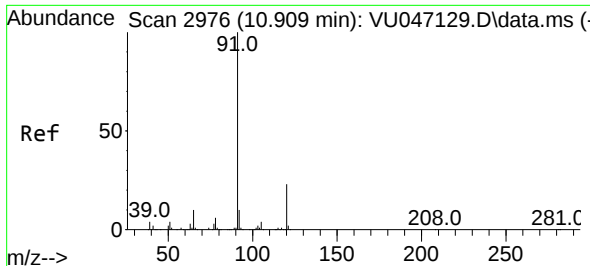


#72
Bromobenzene
Concen: 9.782 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



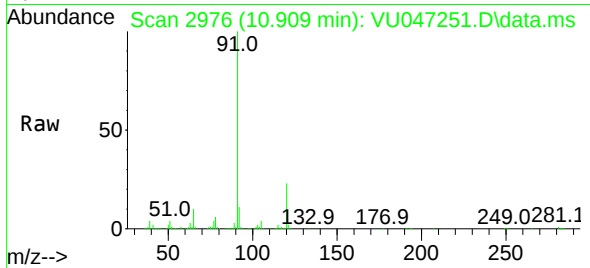
Tgt Ion:156 Resp: 156303
Ion Ratio Lower Upper
156 100
77 152.6 0.0 370.6
158 98.4 0.0 193.4





#73
n-propylbenzene
Concen: 9.898 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

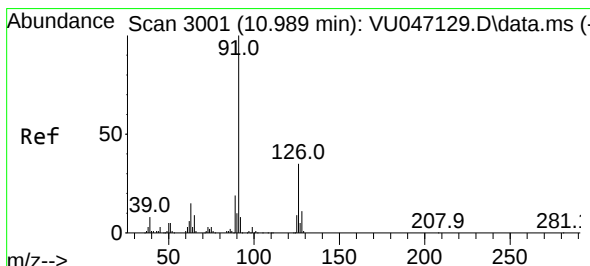
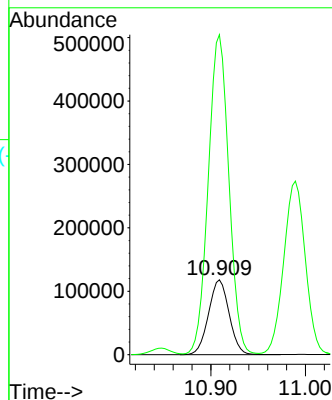
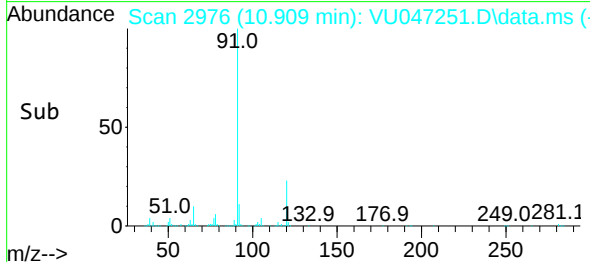
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



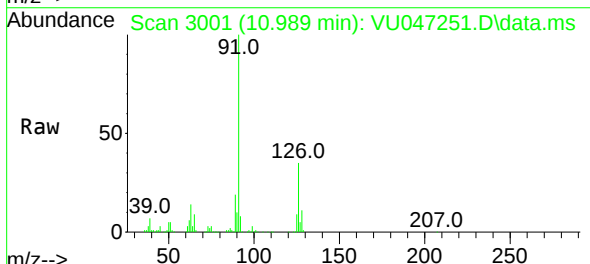
Tgt Ion:120 Resp: 178292
Ion Ratio Lower Upper
120 100
91 427.7 370.7 556.1

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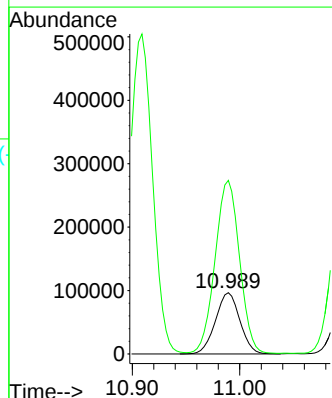
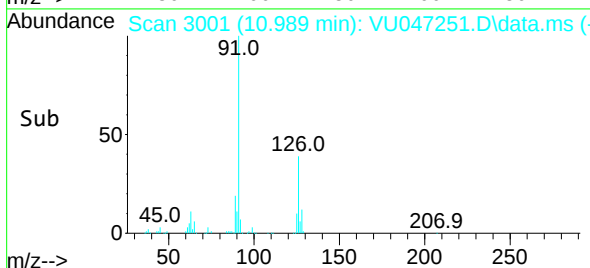
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

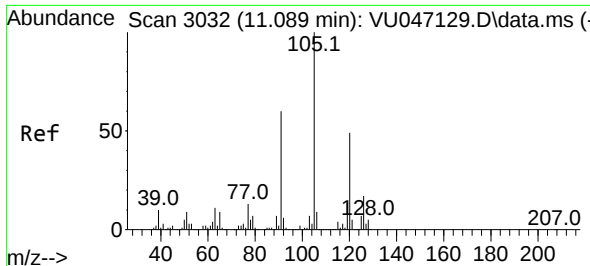


#74
2-Chlorotoluene
Concen: 9.927 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



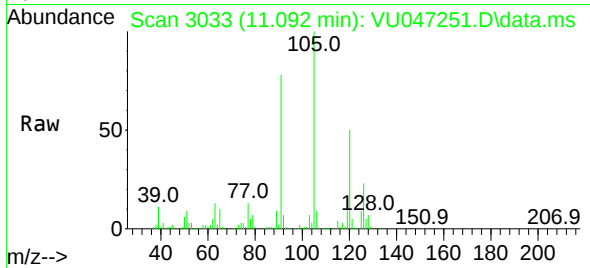
Tgt Ion:126 Resp: 152430
Ion Ratio Lower Upper
126 100
91 282.3 0.0 639.6





#75
1,3,5-Trimethylbenzene
Concen: 9.879 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

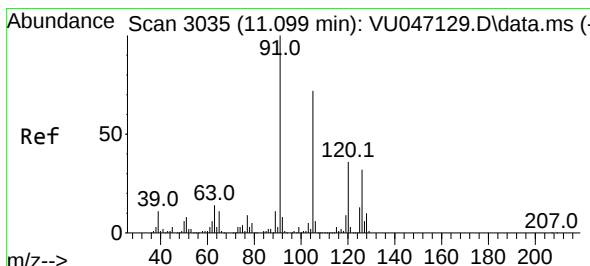
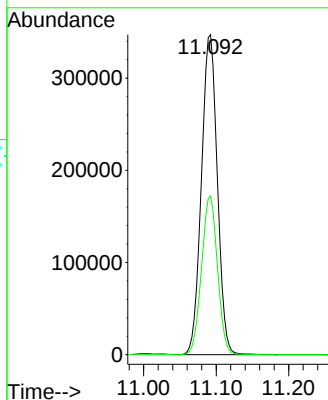
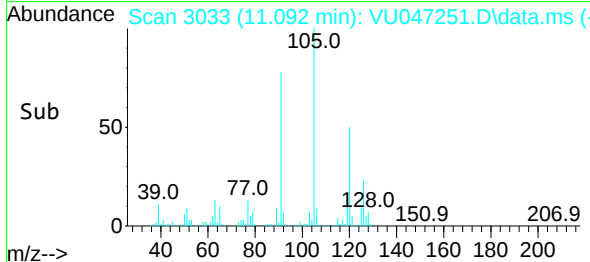
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



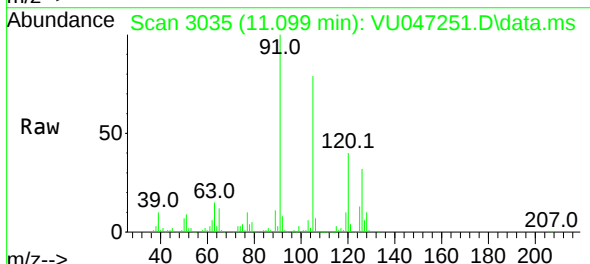
Tgt Ion:105 Resp: 53006
Ion Ratio Lower Upper
105 100
120 49.5 38.6 58.0

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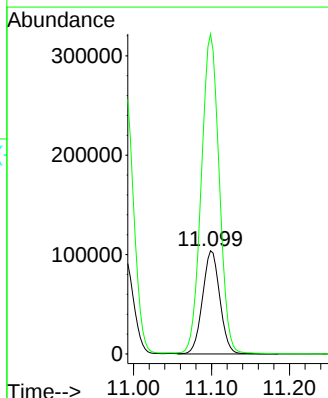
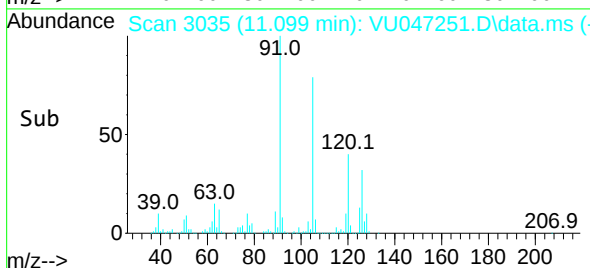
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

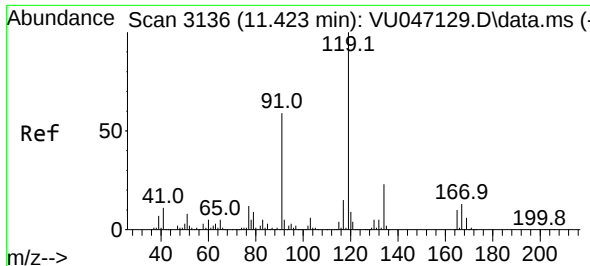


#76
4-Chlorotoluene
Concen: 9.938 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



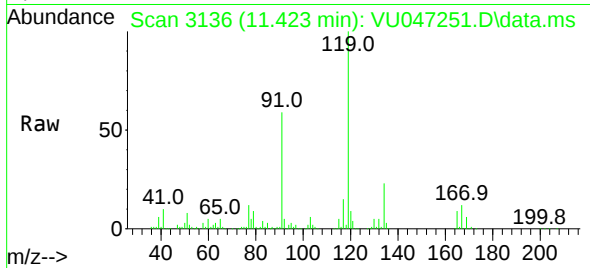
Tgt Ion:126 Resp: 160320
Ion Ratio Lower Upper
126 100
91 322.0 0.0 728.0





#77
tert-Butylbenzene
Concen: 9.844 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

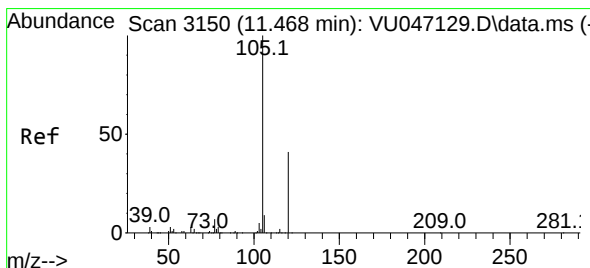
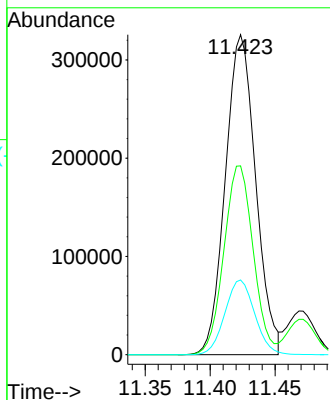
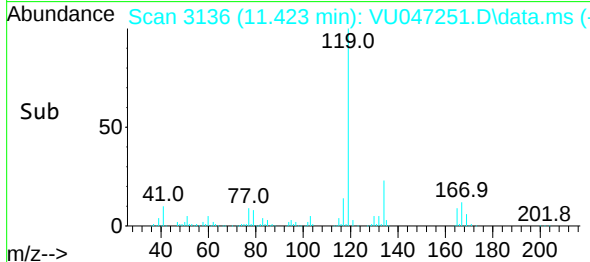
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



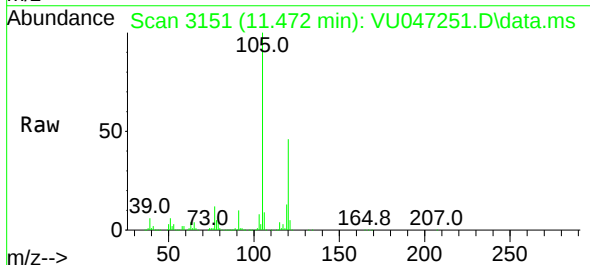
Tgt Ion:119 Resp: 529990
Ion Ratio Lower Upper
119 100
91 56.9 31.4 94.3
134 23.0 18.5 27.7

Manual Integrations
APPROVED

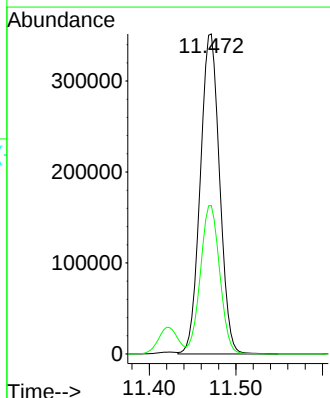
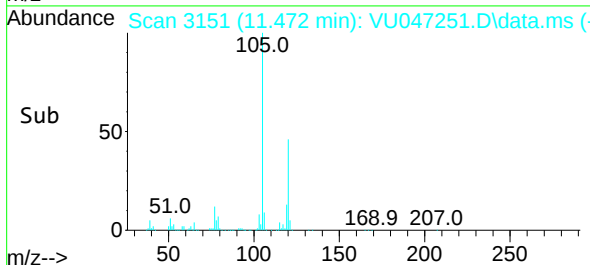
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

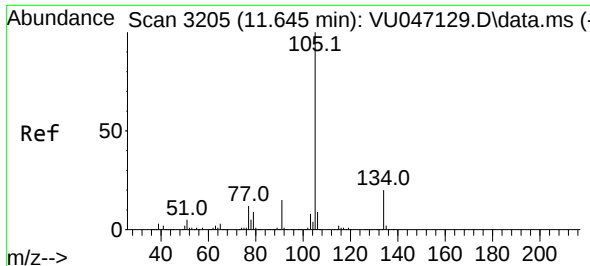


#78
1,2,4-Trimethylbenzene
Concen: 9.965 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



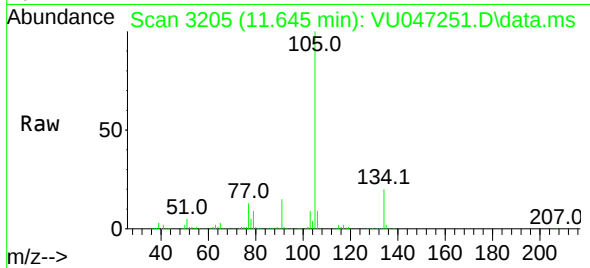
Tgt Ion:105 Resp: 545664
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.8





#79
 sec-Butylbenzene
 Concen: 9.845 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU047251.D
 Acq: 23 Feb 2022 15:34

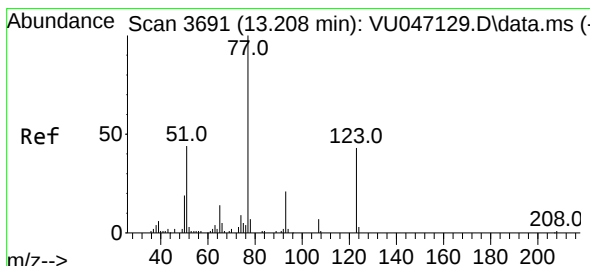
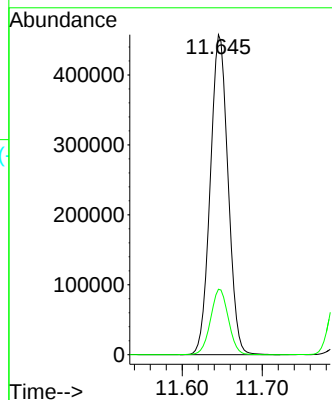
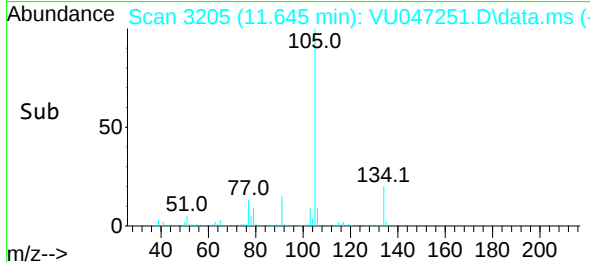
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



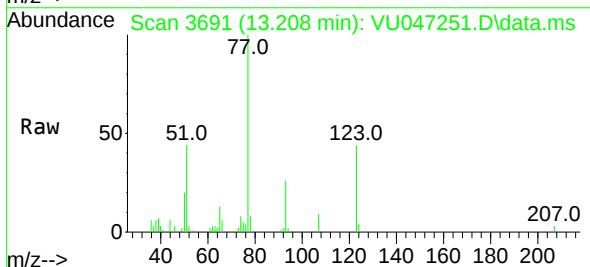
Tgt Ion: 105 Resp: 70387
 Ion Ratio Lower Upper
 105 100
 134 20.5 15.4 23.0

Manual Integrations
 APPROVED

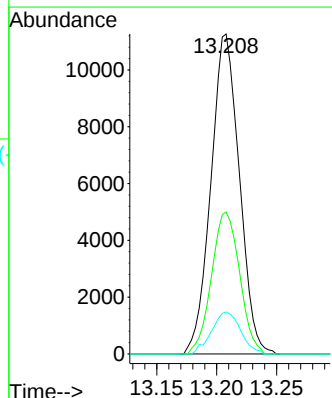
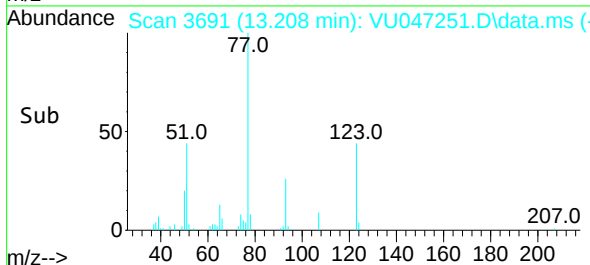
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022

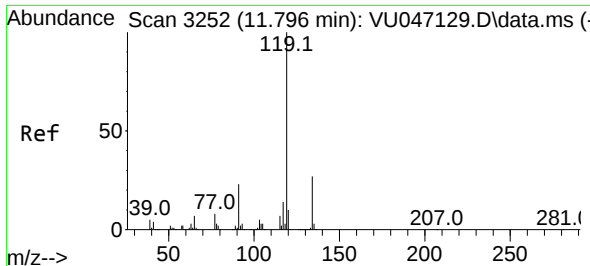


#80
 Nitrobenzene
 Concen: 26.780 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. 0.000 min
 Lab File: VU047251.D
 Acq: 23 Feb 2022 15:34



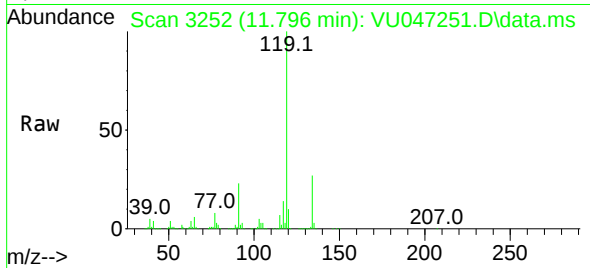
Tgt Ion: 77 Resp: 18548
 Ion Ratio Lower Upper
 77 100
 123 43.8 18.2 64.4
 65 13.4 12.0 15.2





#81
p-Isopropyltoluene
Concen: 9.958 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

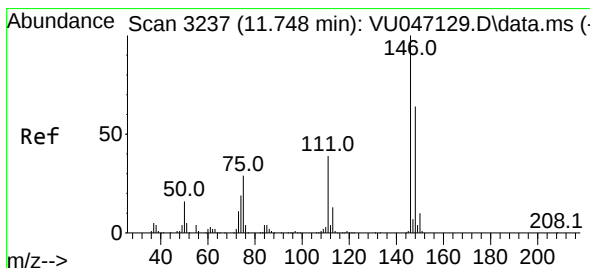
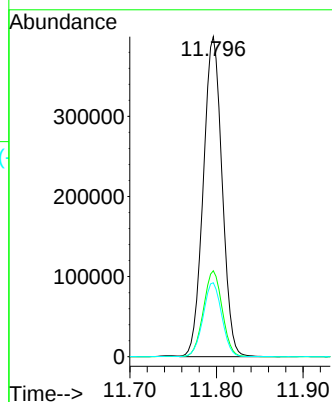
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 602405
Ion Ratio Lower Upper
119 100
134 26.8 20.2 30.4
91 23.0 19.9 29.9

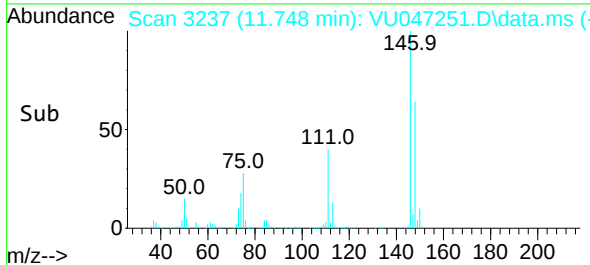
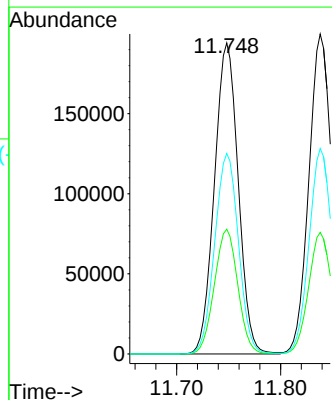
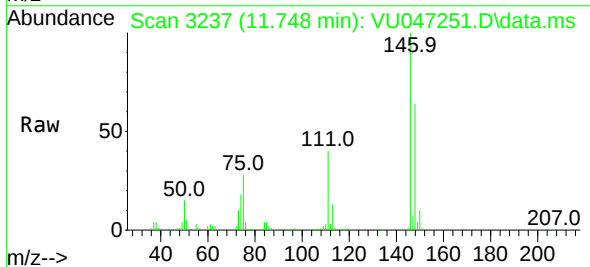
Manual Integrations
APPROVED

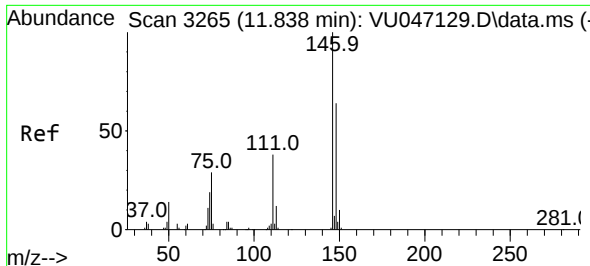
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#82
1,3-Dichlorobenzene
Concen: 9.937 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

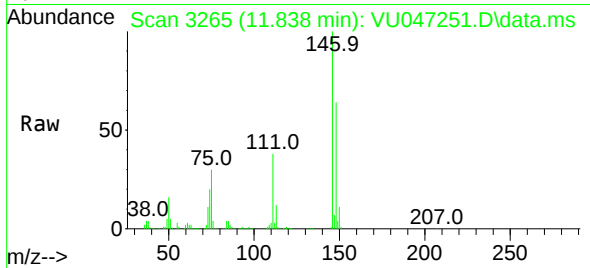
Tgt Ion:146 Resp: 309104
Ion Ratio Lower Upper
146 100
111 39.6 33.9 50.9
148 64.5 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 9.877 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

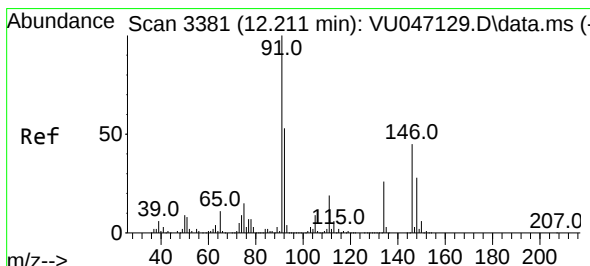
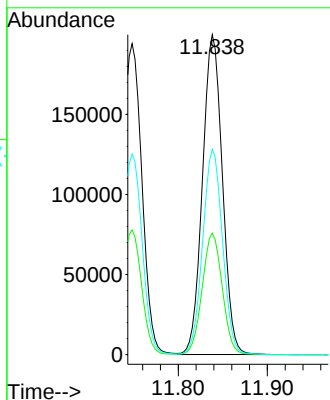
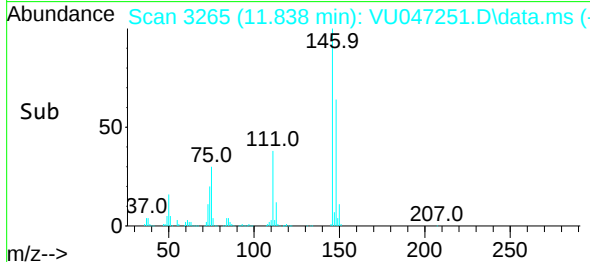
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



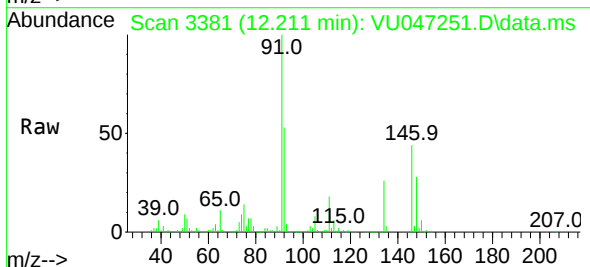
Tgt Ion:146 Resp: 309499
Ion Ratio Lower Upper
146 100
111 38.2 32.7 49.1
148 64.3 51.4 77.0

Manual Integrations
APPROVED

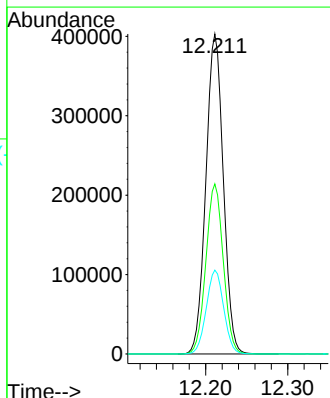
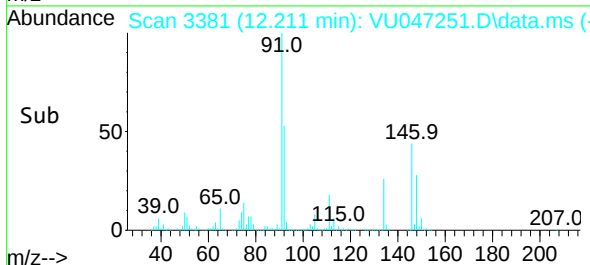
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

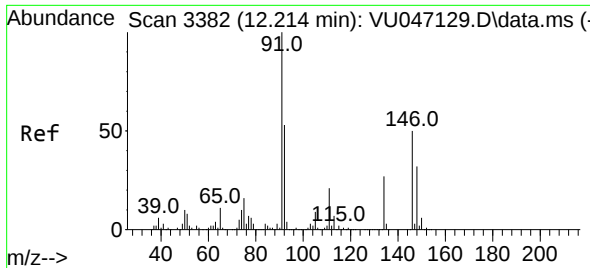


#84
n-Butylbenzene
Concen: 10.250 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



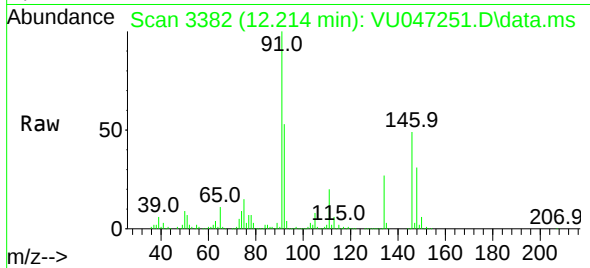
Tgt Ion: 91 Resp: 595445
Ion Ratio Lower Upper
91 100
92 52.9 43.5 65.3
134 26.2 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 9.898 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

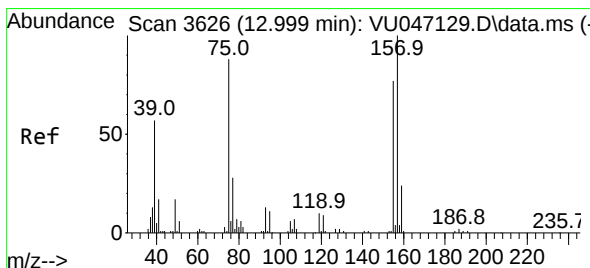
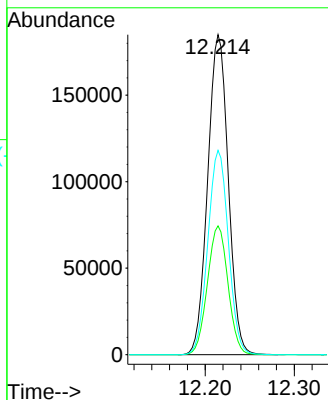
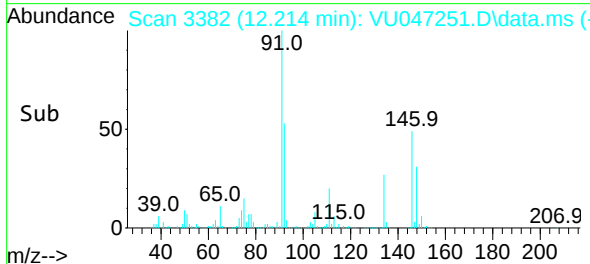
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



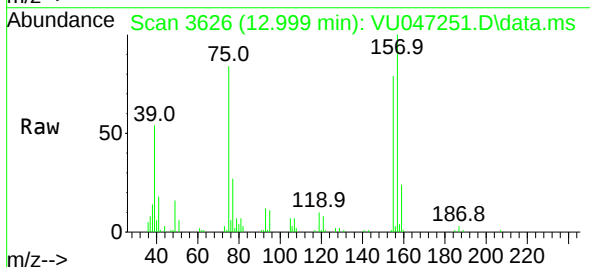
Tgt Ion:146 Resp: 29638
Ion Ratio Lower Upper
146 100
111 40.3 22.1 66.1
148 63.9 31.6 94.7

Manual Integrations
APPROVED

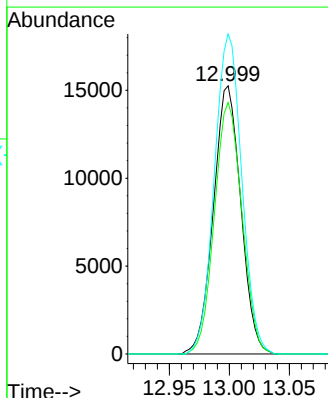
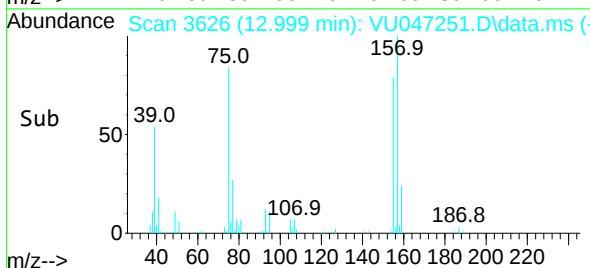
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

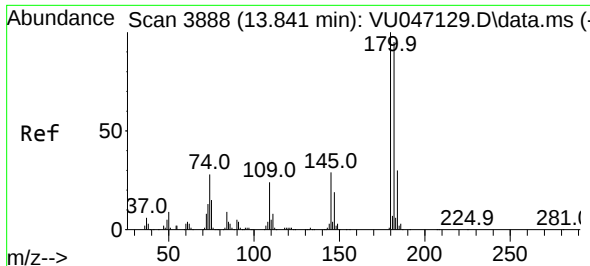


#86
1,2-Dibromo-3-Chloropropane
Concen: 9.221 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



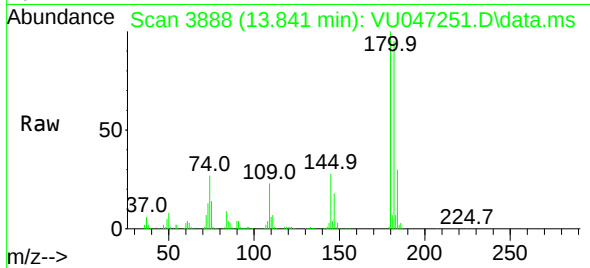
Tgt Ion: 75 Resp: 24254
Ion Ratio Lower Upper
75 100
155 94.0 57.8 86.8#
157 119.3 75.1 112.7#





#87
1,2,4-Trichlorobenzene
Concen: 10.613 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34

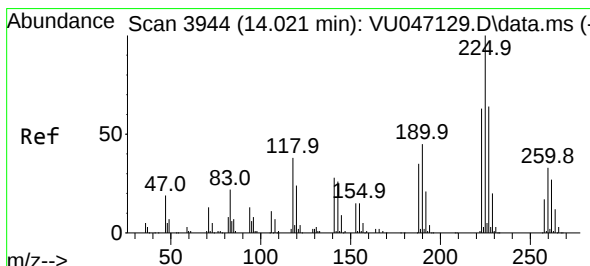
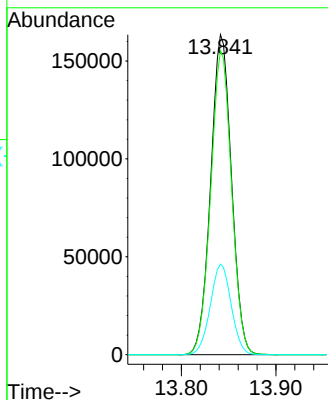
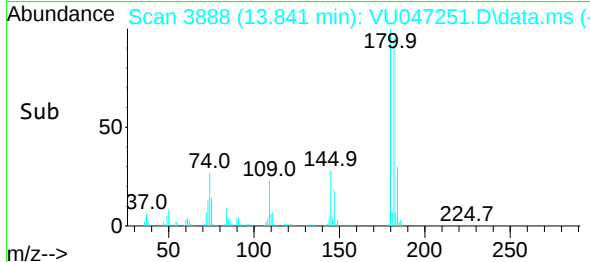
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



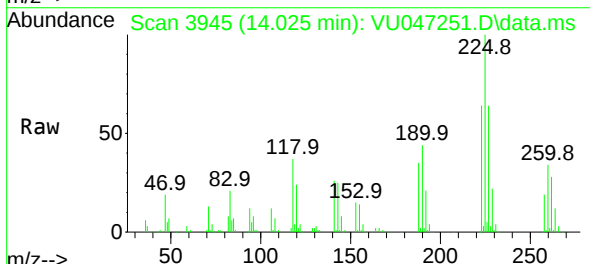
Tgt Ion:180 Resp: 24952
Ion Ratio Lower Upper
180 100
182 95.2 75.8 113.8
145 28.4 25.3 37.9

Manual Integrations
APPROVED

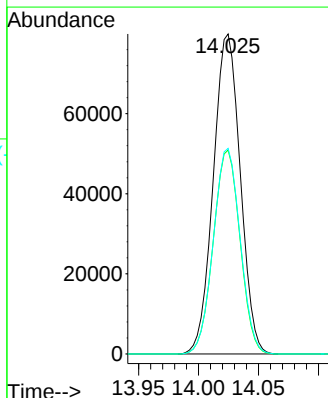
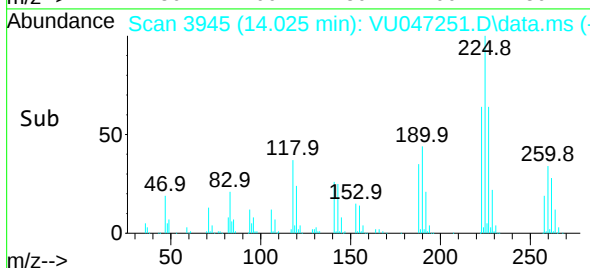
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

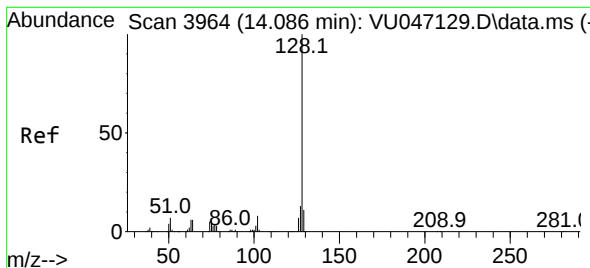


#88
Hexachlorobutadiene
Concen: 10.394 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU047251.D
Acq: 23 Feb 2022 15:34



Tgt Ion:225 Resp: 124940
Ion Ratio Lower Upper
225 100
223 63.2 51.1 76.7
227 64.0 49.9 74.9





#89

Naphthalene

Concen: 9.544 ug/l

RT: 14.089 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU047251.D

Acq: 23 Feb 2022 15:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

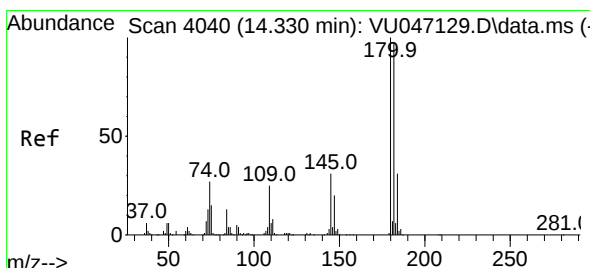
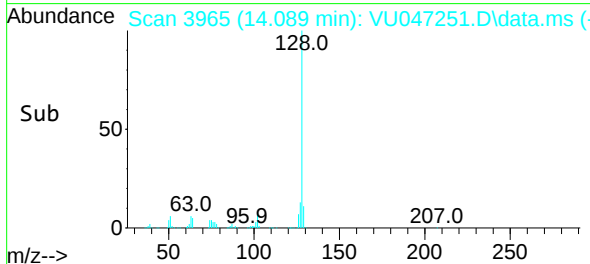
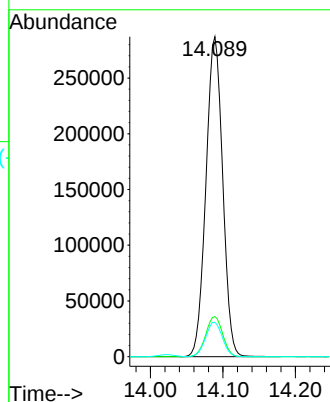
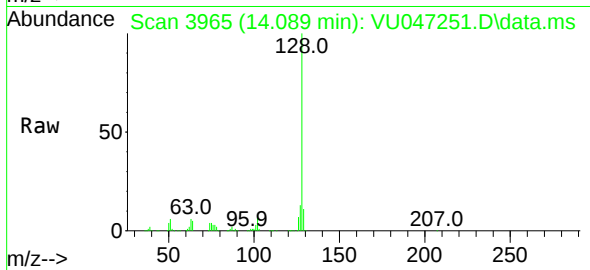
Tgt Ion:128 Resp: 459629
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.6 16.0
 129 10.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#90

1,2,3-Trichlorobenzene

Concen: 10.688 ug/l

RT: 14.333 min Scan# 4041

Delta R.T. 0.003 min

Lab File: VU047251.D

Acq: 23 Feb 2022 15:34

Tgt Ion:180 Resp: 225405
 Ion Ratio Lower Upper
 180 100
 182 95.8 75.4 113.0
 145 30.4 27.0 40.4

