

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031822\
 Data File : VU047613.D
 Acq On : 18 Mar 2022 12:29
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 03/31/2022

Quant Time: Mar 18 12:49:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031822DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Mar 18 12:42:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	32772	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	12695	1.000	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	15792	1.195	ug/l	0.00
Spiked Amount 1.000			Recovery	=	119.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	231538	21.190	ug/l	100
3) Chloromethane	1.527	50	226589	20.190	ug/l	100
4) Vinyl Chloride	1.607	62	218318	19.706	ug/l	100
5) Bromomethane	1.861	94	126767	17.515	ug/l	100
6) Chloroethane	1.938	64	135079	21.222	ug/l	100
7) Trichlorofluoromethane	2.144	101	310041	23.743	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	176533	23.455	ug/l	91
9) 1,1-Dichloroethene	2.584	96	174013	22.464	ug/l	90
10) Iodomethane	2.726	142	100724	13.795	ug/l	100
11) Allyl Chloride	2.928	41	213319	17.667	ug/l	98
12) Acrylonitrile	3.327	53	77746	34.194	ug/l #	88
13) Acetone	2.649	43	125630	94.995	ug/l	96
14) Carbon Disulfide	2.797	76	540332	20.622	ug/l	99
15) Methylene Chloride	3.051	84	195532	22.475	ug/l	93
16) trans-1,2-Dichloroethene	3.356	96	173630	21.238	ug/l	94
17) 1,1-Dichloroethane	3.874	63	300719	20.076	ug/l	100
18) 2-Butanone	4.726	43	222535	97.155	ug/l	99
19) Cyclohexane	5.391	56	255494m	18.411	ug/l	
20) Methylcyclohexane	6.767	83	305305	19.960	ug/l	93
21) 2,2-Dichloropropane	4.671	77	277866	20.757	ug/l	95
22) cis-1,2-Dichloroethene	4.671	96	203946	21.691	ug/l	88
23) Diethyl Ether	2.382	59	125783	20.092	ug/l	96
24) tert-Butyl Alcohol	3.263	59	70669m	173.565	ug/l	
25) Methyl tert-Butyl Ether	3.372	73	409448	18.849	ug/l	96
26) Bromochloromethane	4.980	128	96665	22.862	ug/l	80
27) Chloroform	5.092	83	329253	21.662	ug/l	100
28) 1,1,1-Trichloroethane	5.321	97	292122	22.200	ug/l	96
29) 1,1-Dichloropropene	5.530	75	248705	20.647	ug/l	95
30) Carbon Tetrachloride	5.526	117	264215	22.839	ug/l	99
31) Isopropyl Ether	4.002	45	433433	18.092	ug/l	97
32) Ethyl-t-butyl ether	4.510	59	449566	18.460	ug/l	94
33) Tert-Amyl methyl ether	5.948	73	439976	19.615	ug/l	99
34) Propionitrile	4.803	54	59444m	93.706	ug/l	
35) Benzene	5.777	78	718957	21.299	ug/l	100
36) 1,2-Dichloroethane	5.800	62	214184	20.957	ug/l	99
37) Trichloroethene	6.546	130	209017	22.365	ug/l	89
38) 1,2-Dichloropropane	6.796	63	182965	20.483	ug/l	98
39) Methacrylonitrile	4.983	41	53861	17.495	ug/l	93
40) Methyl acrylate	4.854	55	103358	19.861	ug/l	97
41) Tetrahydrofuran	5.073	42	54989	35.063	ug/l	97
42) 1-Chlorobutane	5.462	56	316963	19.598	ug/l	96
43) Dibromomethane	6.922	93	108756	22.576	ug/l #	85
44) Bromodichloromethane	7.108	83	252735	22.183	ug/l #	99

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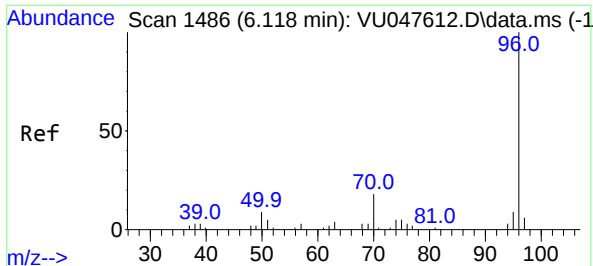
Manual Integrations
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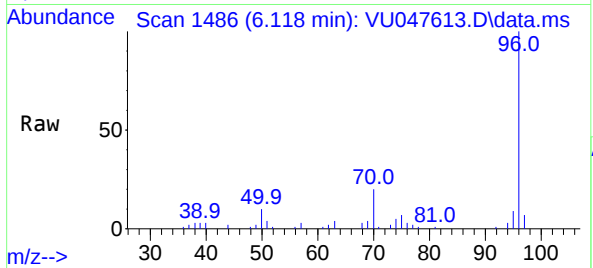
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	606006	93.011	ug/l	96
46) t-1,4-Dichloro-2-butene	10.841	75	121986m	43.009	ug/l	
47) Methyl methacrylate	6.967	69	203260	40.232	ug/l	88
48) Ethyl methacrylate	8.337	69	200248	19.553	ug/l	88
49) Toluene	7.973	92	474215	21.779	ug/l	98
50) t-1,3-Dichloropropene	8.214	75	254804	20.662	ug/l	100
51) cis-1,3-Dichloropropene	7.610	75	280246	20.271	ug/l	94
52) 1,1,2-Trichloroethane	8.404	97	153921	22.394	ug/l	99
53) 1,3-Dichloropropane	8.578	76	254748	20.744	ug/l	99
54) 2-Hexanone	8.690	43	445832	91.848	ug/l	96
55) Dibromochloromethane	8.812	129	201116	24.068	ug/l	98
56) 1,2-Dibromoethane	8.928	107	155739	22.421	ug/l	98
58) Tetrachloroethene	8.555	164	193149	22.397	ug/l	95
59) Chlorobenzene	9.449	112	541221	22.293	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.536	131	203977	24.445	ug/l	99
61) Pentachloroethane	11.430	117	173660	27.416	ug/l #	80
62) Hexachloroethane	12.478	117	180741	26.428	ug/l #	69
63) Ethyl Benzene	9.571	91	922625	21.618	ug/l	99
64) m/p-Xylenes	9.697	106	729991	44.874	ug/l	94
65) o-Xylene	10.102	106	349858	22.201	ug/l	93
66) Styrene	10.115	104	615445	23.011	ug/l	96
67) Bromoform	10.295	173	138138	26.086	ug/l #	98
69) Isopropylbenzene	10.488	105	939125	22.159	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.787	83	212186	22.834	ug/l	97
71) 1,2,3-Trichloropropane	10.838	75	167528m	21.362	ug/l	
72) Bromobenzene	10.783	156	255486	24.684	ug/l	78
73) n-propylbenzene	10.909	120	275317	23.597	ug/l	82
74) 2-Chlorotoluene	10.989	126	237969	23.925	ug/l	79
75) 1,3,5-Trimethylbenzene	11.089	105	811534	23.349	ug/l	97
76) 4-Chlorotoluene	11.098	126	257505	24.642	ug/l	73
77) tert-Butylbenzene	11.423	119	819295	23.492	ug/l	92
78) 1,2,4-Trimethylbenzene	11.468	105	830161	23.404	ug/l	96
79) sec-Butylbenzene	11.645	105	1074290	23.197	ug/l	96
80) Nitrobenzene	13.208	77	51092	113.882	ug/l #	93
81) p-Isopropyltoluene	11.793	119	938287	23.944	ug/l	95
82) 1,3-Dichlorobenzene	11.748	146	508623	25.242	ug/l	96
83) 1,4-Dichlorobenzene	11.838	146	516939	25.468	ug/l	96
84) n-Butylbenzene	12.211	91	885596	23.534	ug/l	96
85) 1,2-Dichlorobenzene	12.214	146	490297	25.279	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.999	75	37607	22.072	ug/l #	69
87) 1,2,4-Trichlorobenzene	13.841	180	386040	25.349	ug/l	97
88) Hexachlorobutadiene	14.021	225	215099	27.626	ug/l	98
89) Naphthalene	14.085	128	675913	21.668	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	353329	25.866	ug/l	96

(#) = 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: VU047613.D
Acq: 18 Mar 2022 12:29

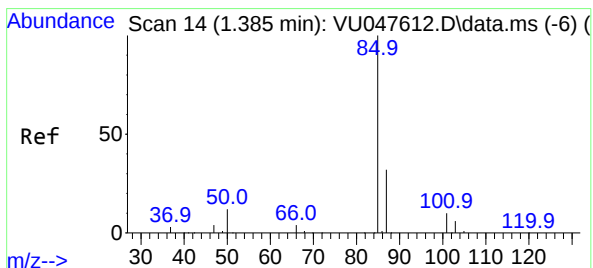
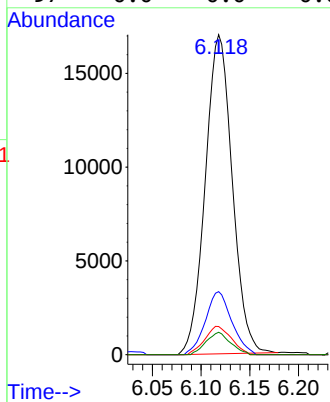
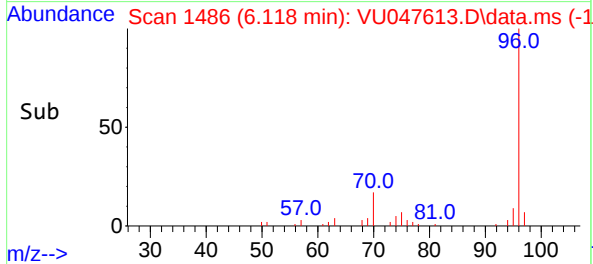
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



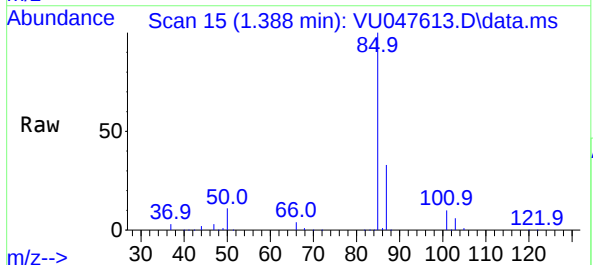
Tgt Ion: 96 Resp: 32772
Ion Ratio Lower Upper
96 100
70 19.3 16.8 25.2
95 0.0 7.3 10.9
97 0.0 0.0 0.0

Manual Integrations
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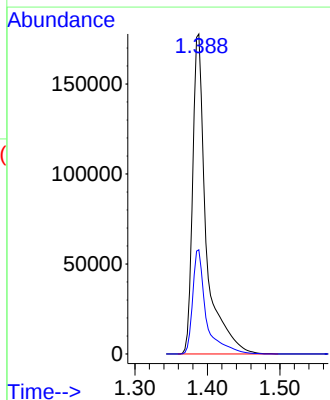
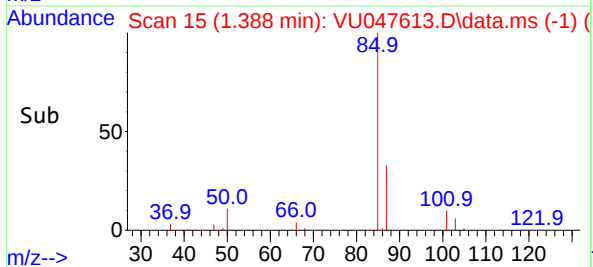
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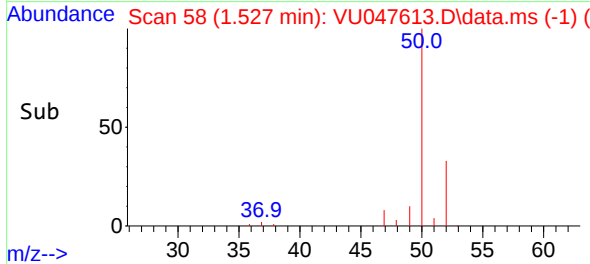
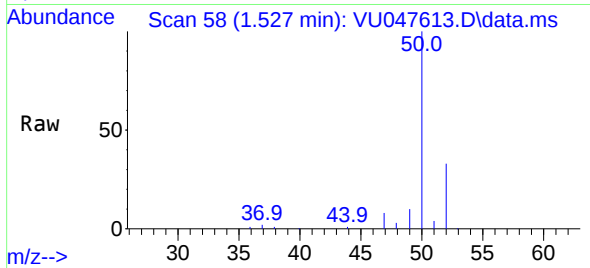
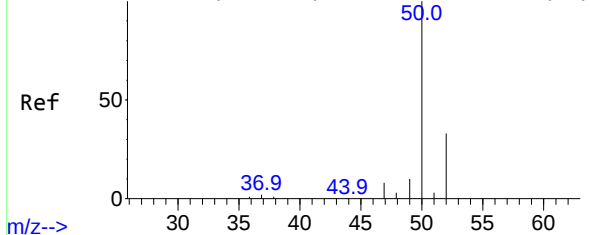
#2
Dichlorodifluoromethane
Concen: 21.190 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29



Tgt Ion: 85 Resp: 231538
Ion Ratio Lower Upper
85 100
87 32.5 16.2 48.6



Abundance Scan 58 (1.527 min): VU047612.D\data.ms (-48)



#3

Chloromethane

Concen: 20.190 ug/l

RT: 1.527 min Scan# 58

Delta R.T. -0.000 min

Lab File: VU047613.D

Acq: 18 Mar 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 50 Resp: 226589

Ion Ratio Lower Upper

50 100

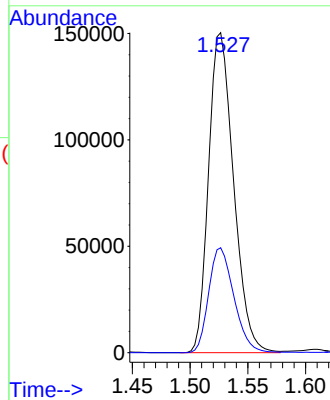
52 32.8 26.2 39.4

Manual Integrations

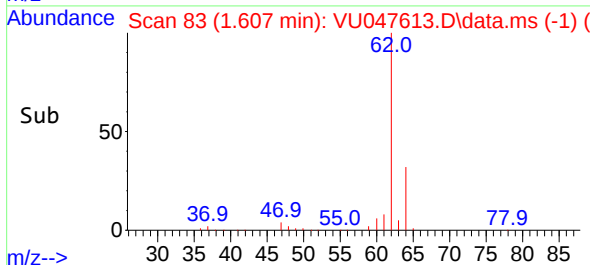
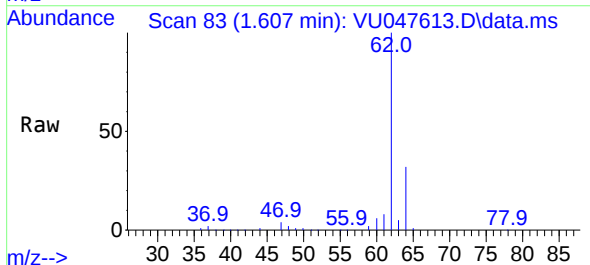
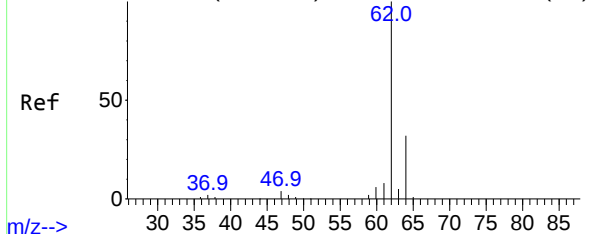
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Supervised By :Mahesh Dadoda 03/31/2022



Abundance Scan 83 (1.607 min): VU047612.D\data.ms (-73)



#4

Vinyl Chloride

Concen: 19.706 ug/l

RT: 1.607 min Scan# 83

Delta R.T. -0.000 min

Lab File: VU047613.D

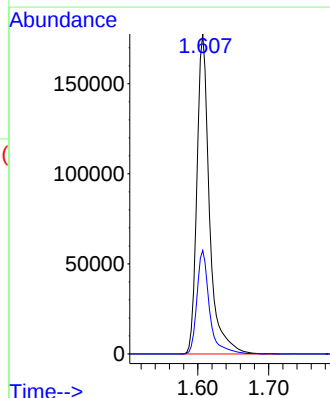
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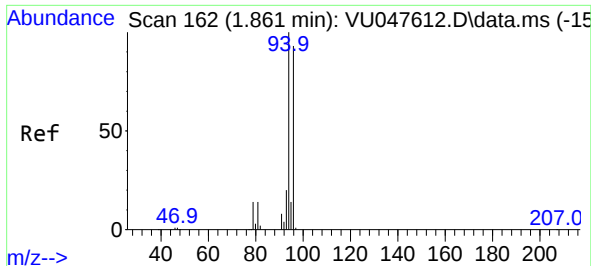
Tgt Ion: 62 Resp: 218318

Ion Ratio Lower Upper

62 100

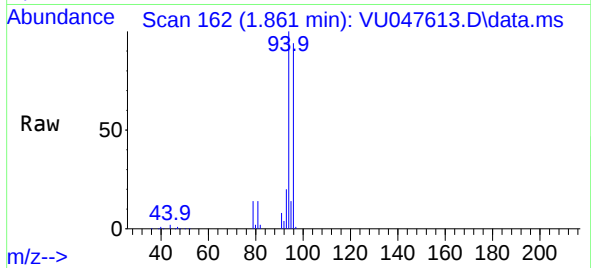
64 32.4 26.0 39.0





#5
Bromomethane
Concen: 17.515 ug/l
RT: 1.861 min Scan# 10
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

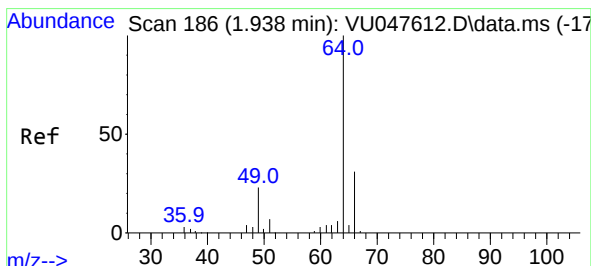
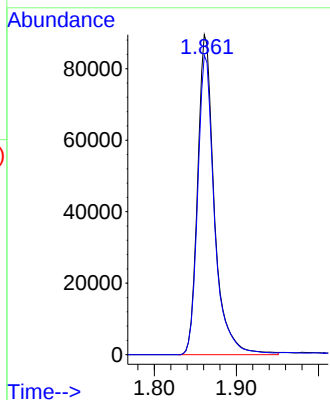
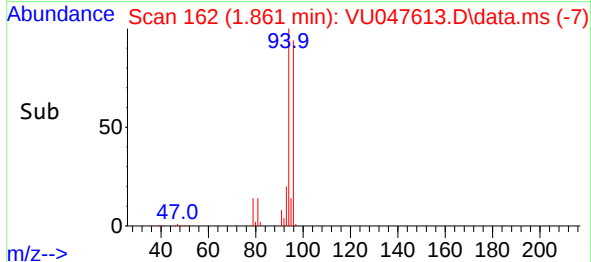
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion: 94 Resp: 12676
Ion Ratio Lower Upper
94 100
96 93.6 75.0 112.4

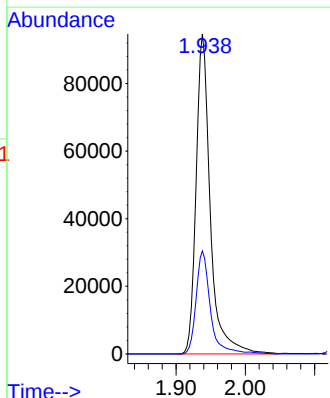
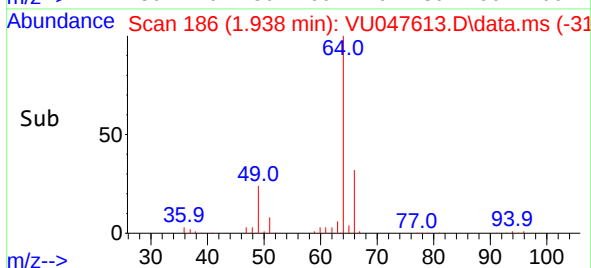
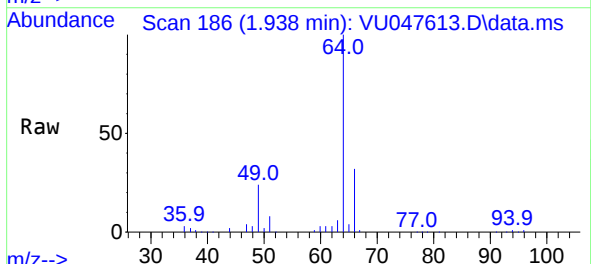
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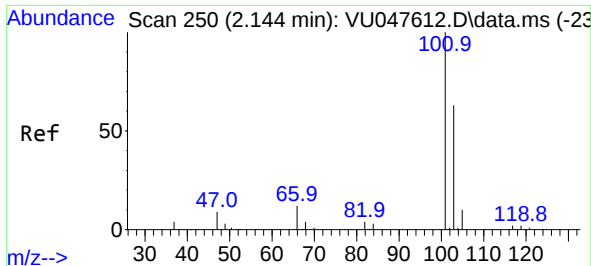
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#6
Chloroethane
Concen: 21.222 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Tgt Ion: 64 Resp: 135079
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.8





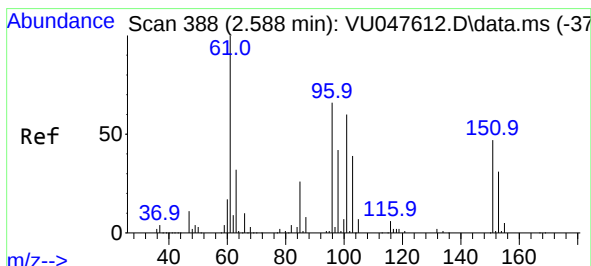
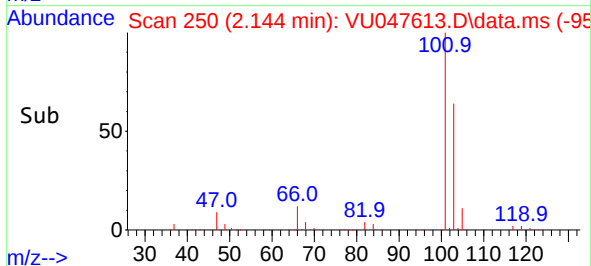
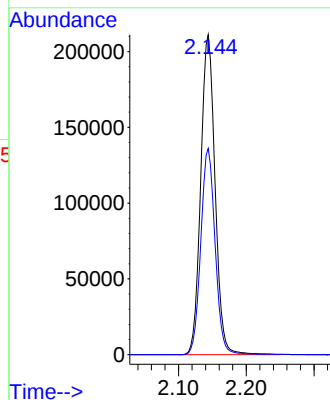
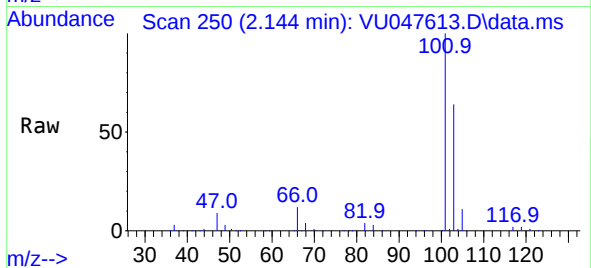
#7
Trichlorofluoromethane
Concen: 23.743 ug/l
RT: 2.144 min Scan# 210
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Instrument :
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Tgt Ion:101 Resp: 31004
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.2

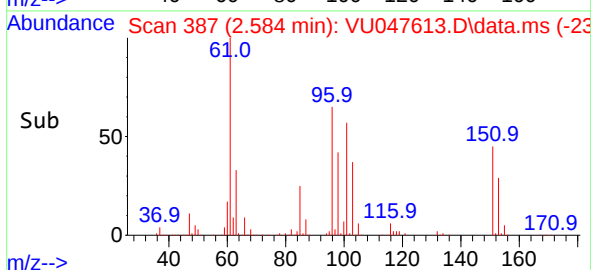
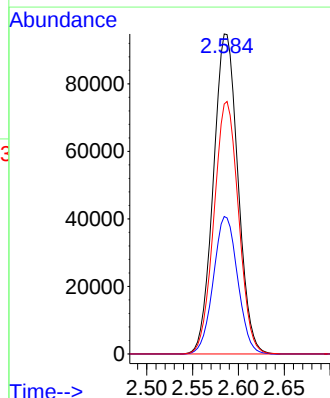
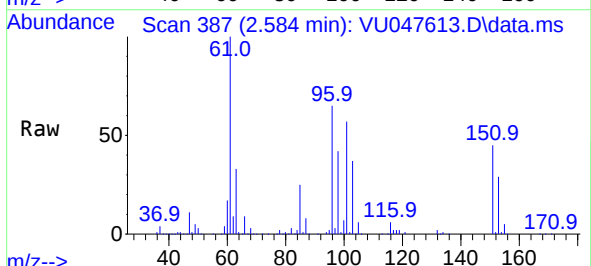
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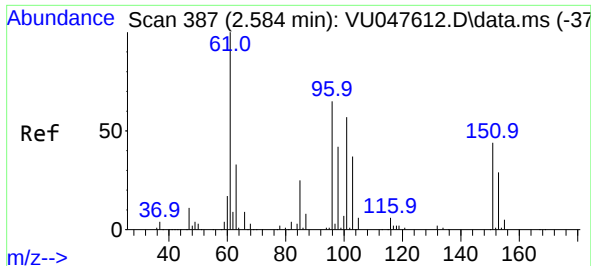
Reviewed By :John Carlone 03/31/2022
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#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.455 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

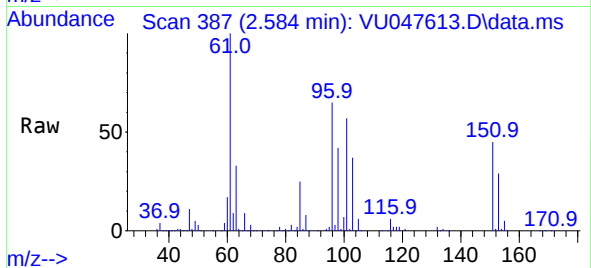
Tgt Ion:101 Resp: 176533
Ion Ratio Lower Upper
101 100
85 42.5 35.8 53.6
151 79.0 54.6 81.8





#9
1,1-Dichloroethene
Concen: 22.464 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

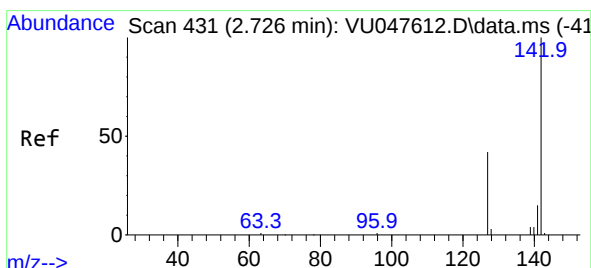
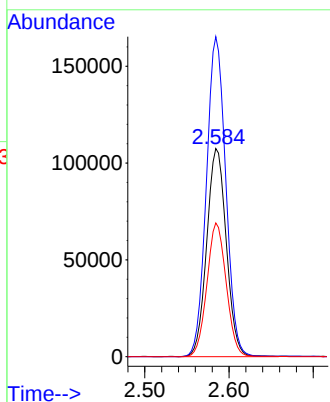
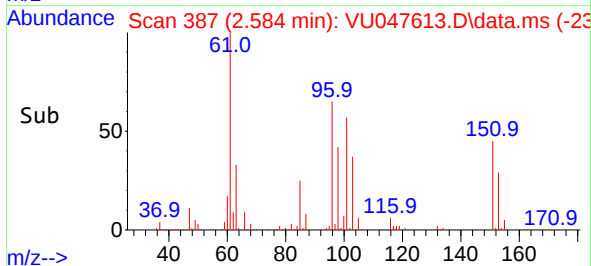
Instrument :
MSVOA_U
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VSTDIC020



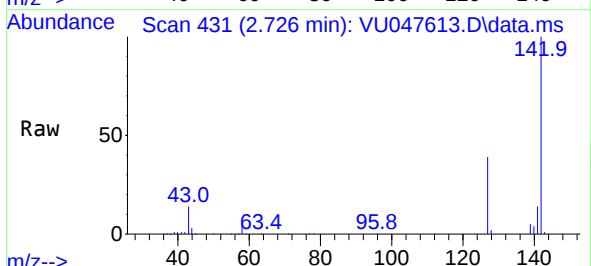
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Ion Ratio Lower Upper
96 100
61 153.8 0.0 514.2
98 64.2 0.0 126.4

Manual Integrations
APPROVED

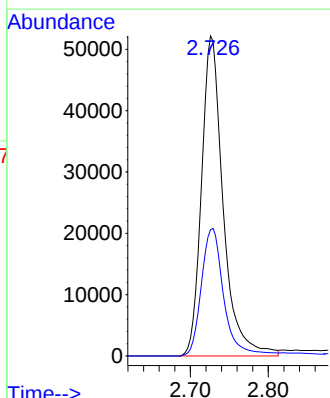
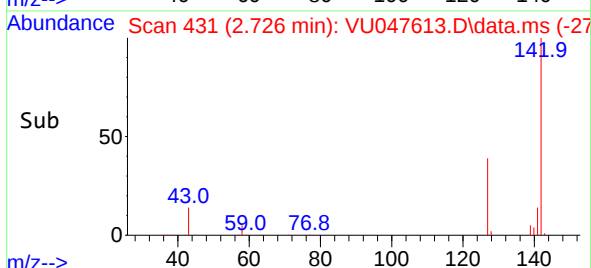
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

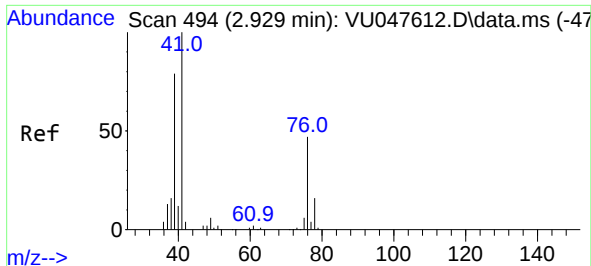


#10
Iodomethane
Concen: 13.795 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29



Tgt Ion:142 Resp: 100724
Ion Ratio Lower Upper
142 100
127 41.3 33.2 49.8





#11

Allyl Chloride

Concen: 17.667 ug/l

RT: 2.928 min Scan# 494

Delta R.T. -0.000 min

Lab File: VU047613.D

Acq: 18 Mar 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 41 Resp: 213319

Ion Ratio Lower Upper

41 100

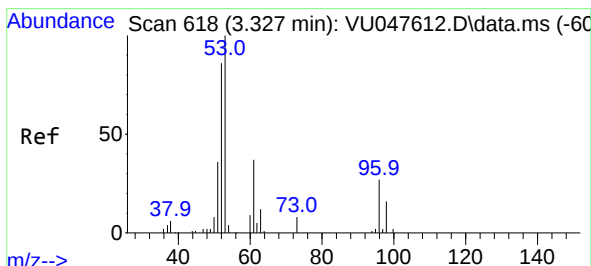
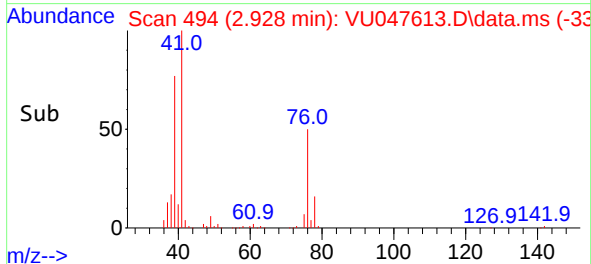
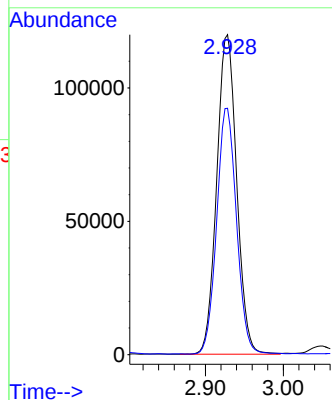
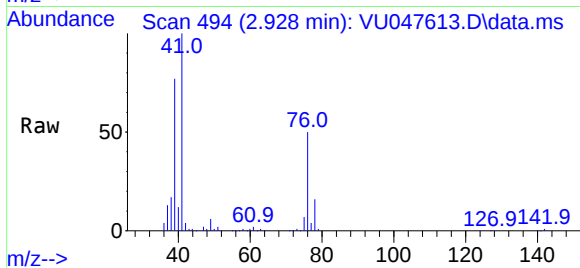
39 76.4 62.4 93.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#12

Acrylonitrile

Concen: 34.194 ug/l

RT: 3.327 min Scan# 618

Delta R.T. -0.000 min

Lab File: VU047613.D

Acq: 18 Mar 2022 12:29

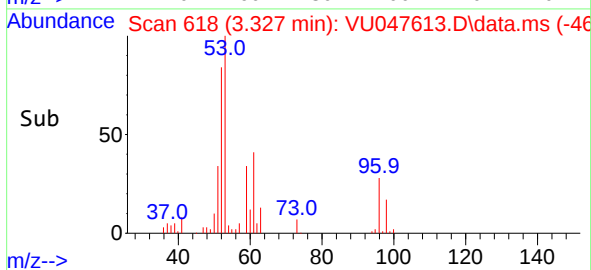
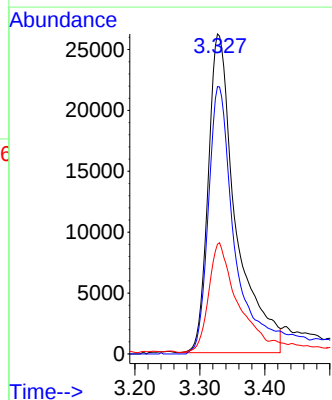
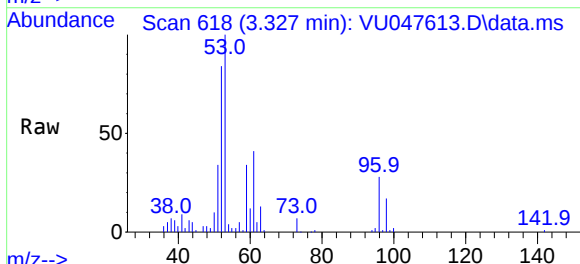
Tgt Ion: 53 Resp: 77746

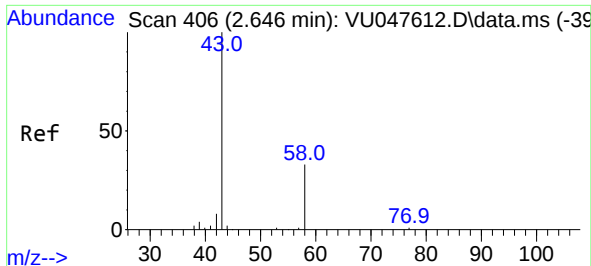
Ion Ratio Lower Upper

53 100

52 85.1 56.7 85.1#

51 35.7 30.3 45.5





#13

Acetone

Concen: 94.995 ug/l

RT: 2.649 min Scan# 406

Delta R.T. 0.003 min

Lab File: VU047613.D

Acq: 18 Mar 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 125630

Ion Ratio Lower Upper

43 100

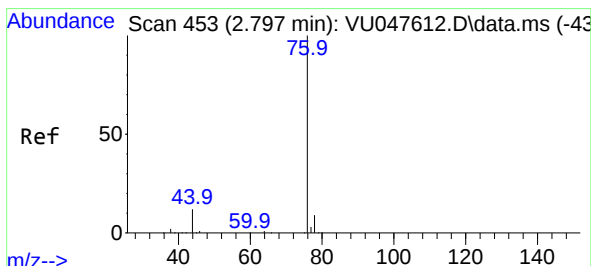
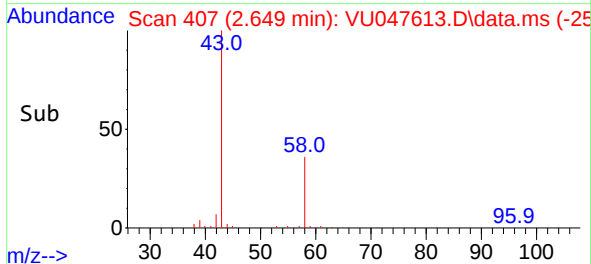
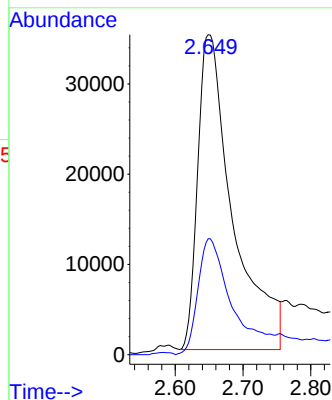
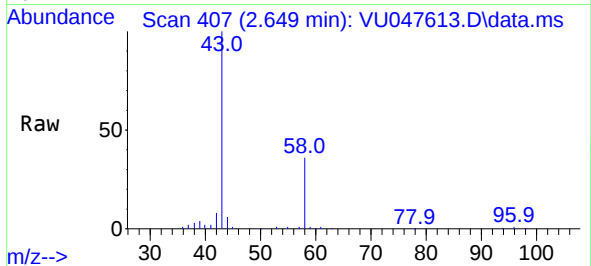
58 36.4 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#14

Carbon Disulfide

Concen: 20.622 ug/l

RT: 2.797 min Scan# 453

Delta R.T. -0.000 min

Lab File: VU047613.D

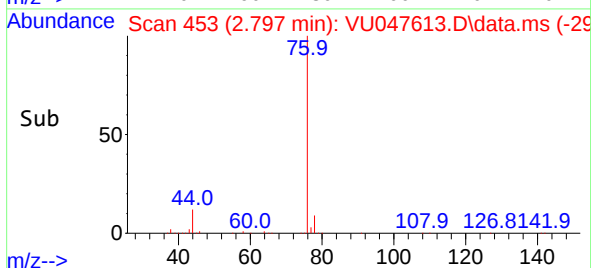
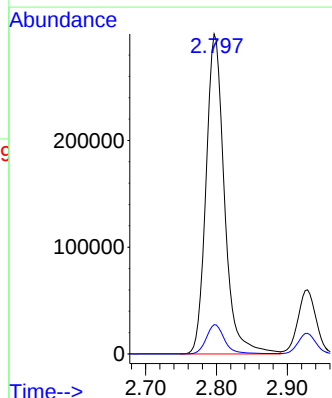
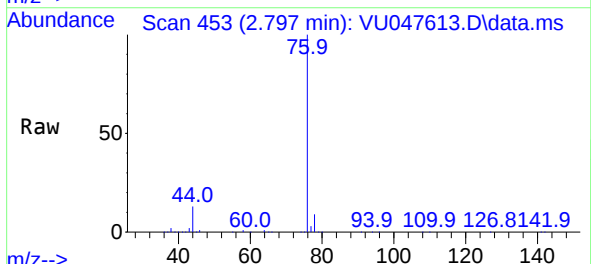
Acq: 18 Mar 2022 12:29

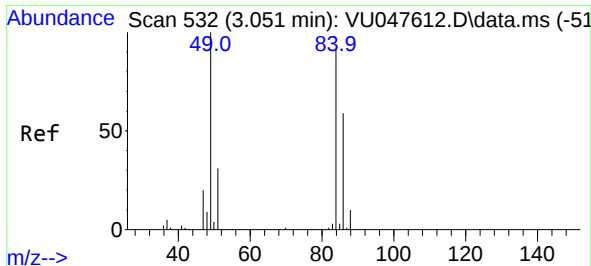
Tgt Ion: 76 Resp: 540332

Ion Ratio Lower Upper

76 100

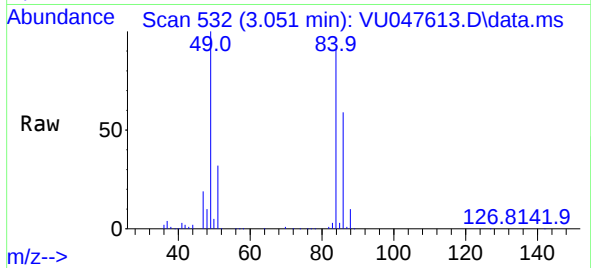
78 9.1 7.1 10.7





#15
Methylene Chloride
Concen: 22.475 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

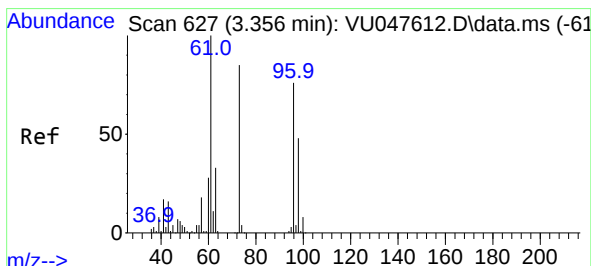
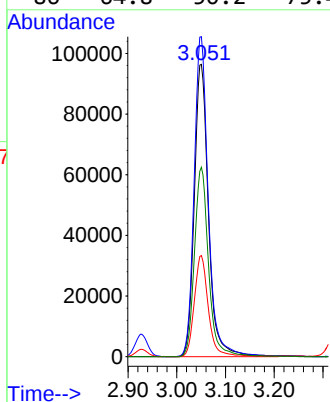
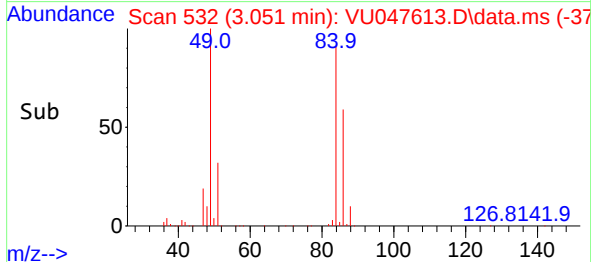
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion: 84 Resp: 19553
Ion Ratio Lower Upper
84 100
49 109.3 97.2 145.8
51 34.6 0.0 73.4
86 64.8 50.2 75.4

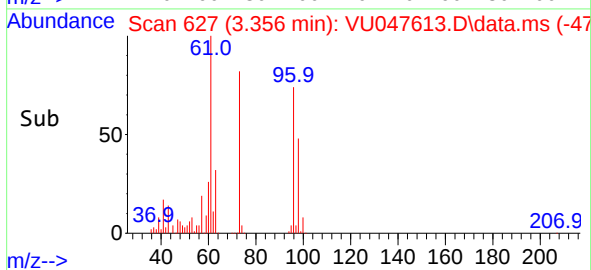
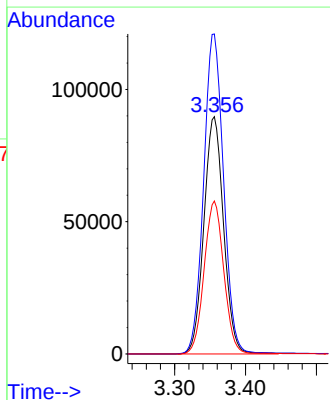
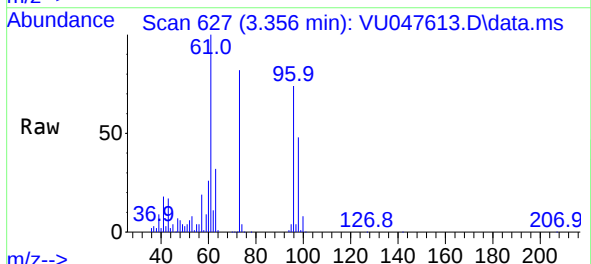
Manual Integrations
APPROVED

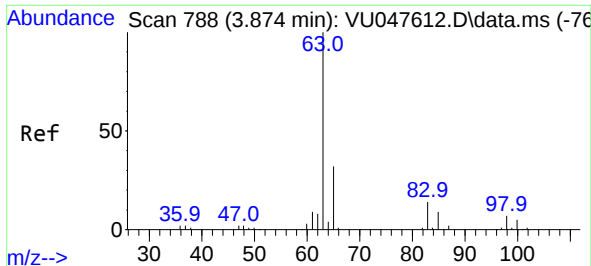
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#16
trans-1,2-Dichloroethene
Concen: 21.238 ug/l
RT: 3.356 min Scan# 627
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Tgt Ion: 96 Resp: 173630
Ion Ratio Lower Upper
96 100
61 134.8 115.8 173.6
98 64.5 51.1 76.7





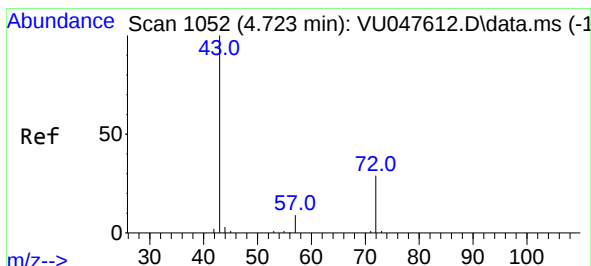
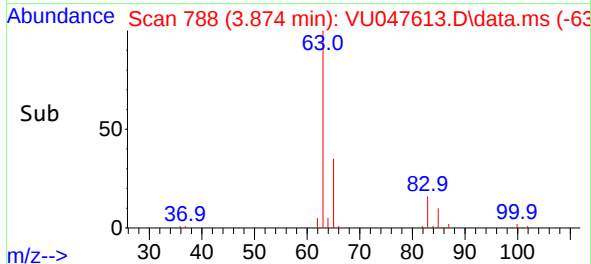
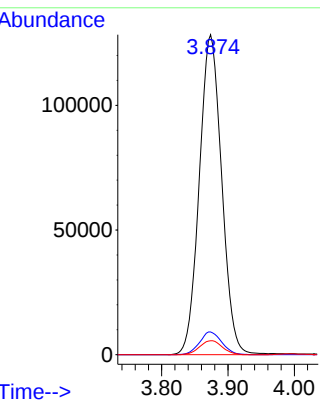
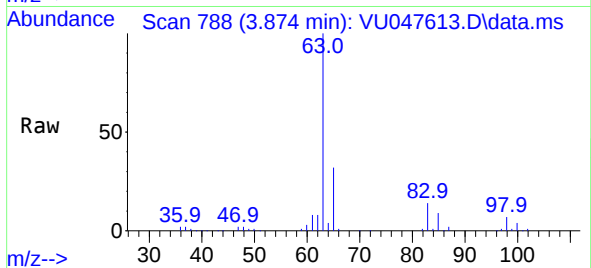
#17
1,1-Dichloroethane
Concen: 20.076 ug/l
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 63 Resp: 300719
Ion Ratio Lower Upper
63 100
98 7.1 3.6 10.8
100 4.4 2.1 6.5

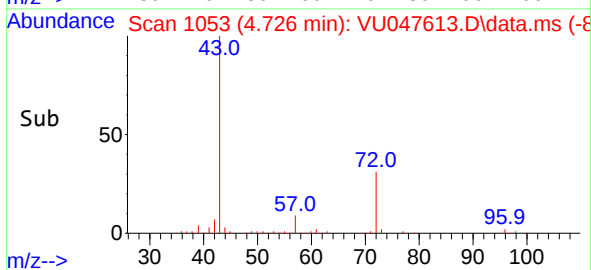
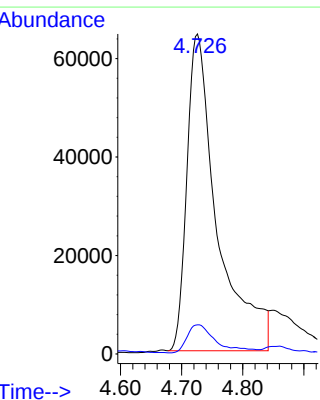
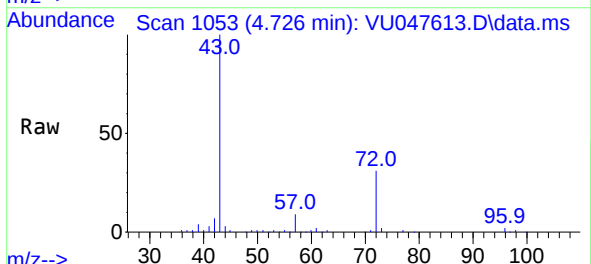
Manual Integrations
APPROVED

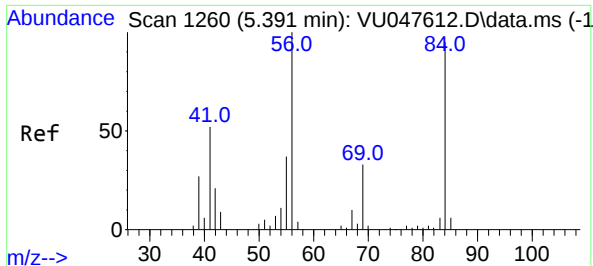
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#18
2-Butanone
Concen: 97.155 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Tgt Ion: 43 Resp: 222535
Ion Ratio Lower Upper
43 100
57 8.8 0.0 16.6





#19

Cyclohexane

Concen: 18.411 ug/l m

RT: 5.391 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047613.D

Acq: 18 Mar 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 255494

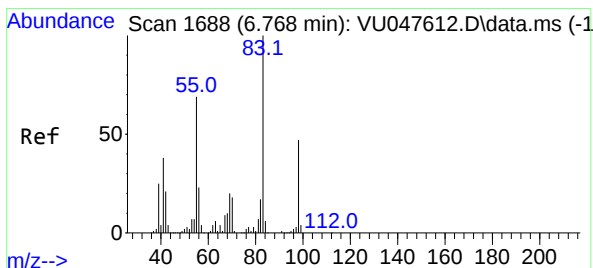
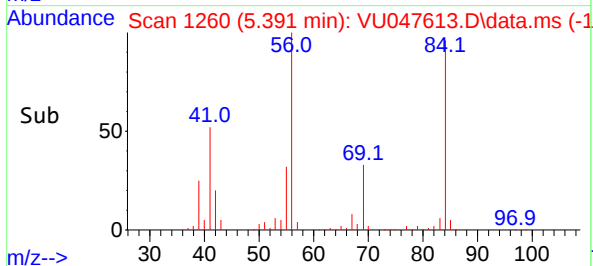
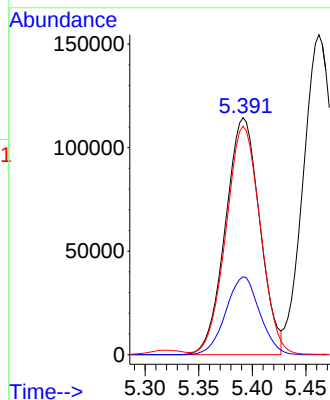
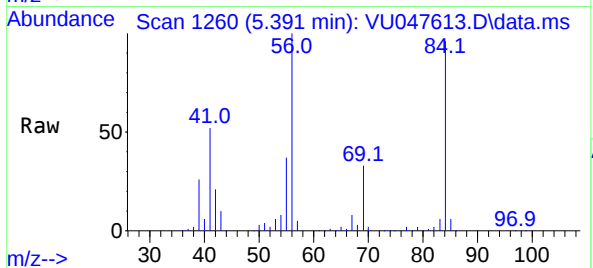
Ion	Ratio	Lower	Upper
56	100		
69	32.3	24.7	37.1
84	94.7	68.8	103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#20

Methylcyclohexane

Concen: 19.960 ug/l

RT: 6.767 min Scan# 1688

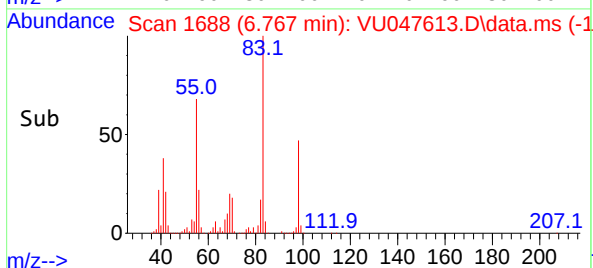
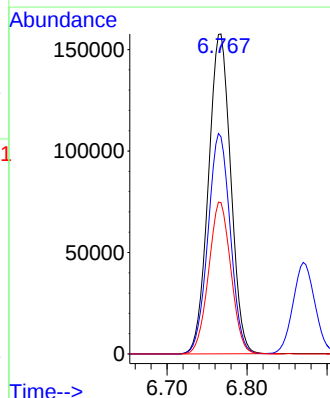
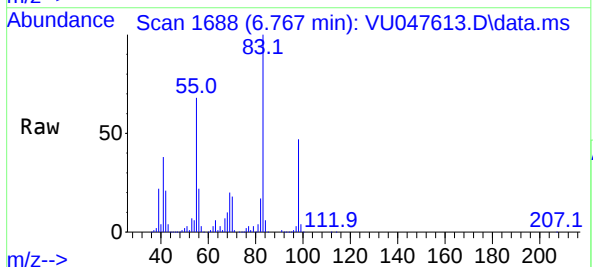
Delta R.T. -0.000 min

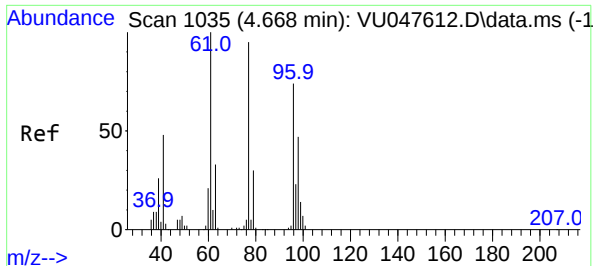
Lab File: VU047613.D

Acq: 18 Mar 2022 12:29

Tgt Ion: 83 Resp: 305305

Ion	Ratio	Lower	Upper
83	100		
55	68.8	61.9	92.9
98	47.4	37.4	56.2





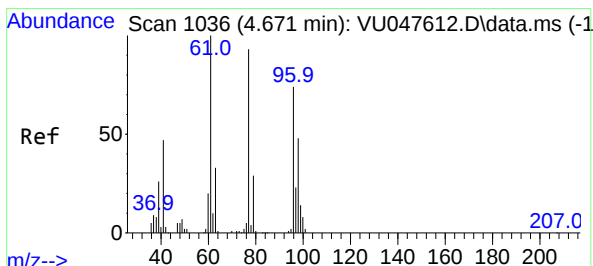
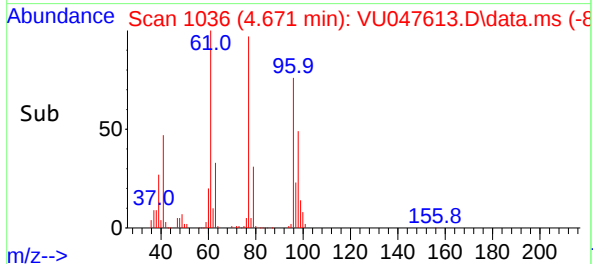
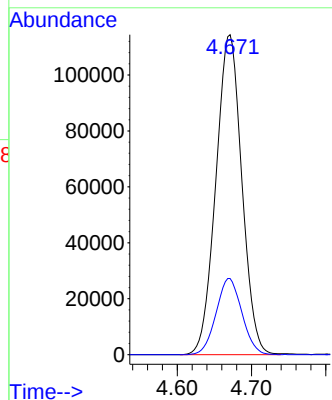
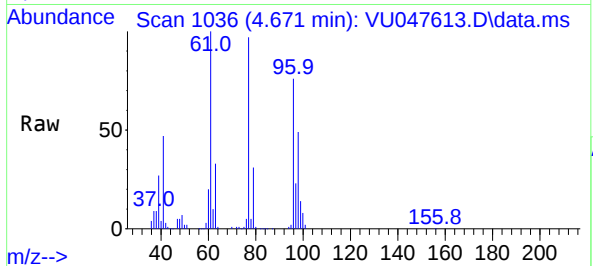
#21
2,2-Dichloropropane
Concen: 20.757 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 77 Resp: 27786
Ion Ratio Lower Upper
77 100
97 23.7 17.2 25.8

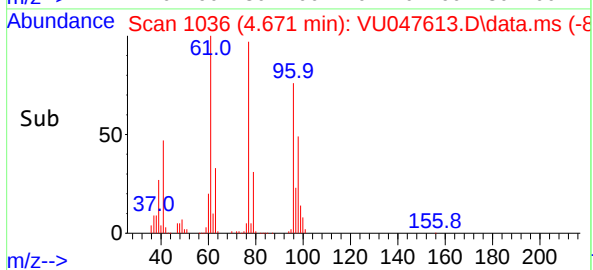
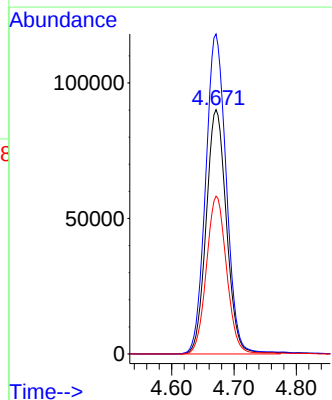
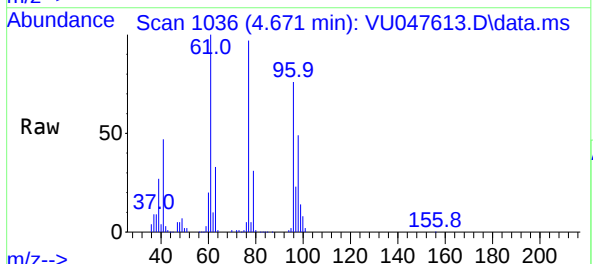
Manual Integrations
APPROVED

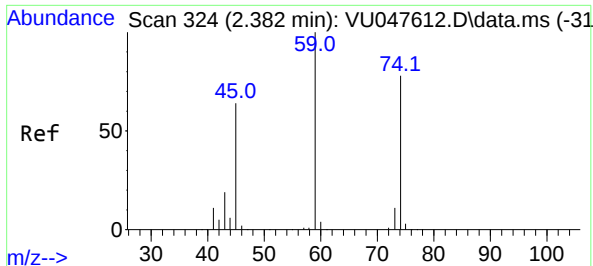
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#22
cis-1,2-Dichloroethene
Concen: 21.691 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Tgt Ion: 96 Resp: 203946
Ion Ratio Lower Upper
96 100
61 132.9 0.0 385.3
98 64.2 32.1 96.3





#23

Diethyl Ether

Concen: 20.092 ug/l

RT: 2.382 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU047613.D

Acq: 18 Mar 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 12578

Ion Ratio Lower Upper

59 100

45 67.3 55.6 83.4

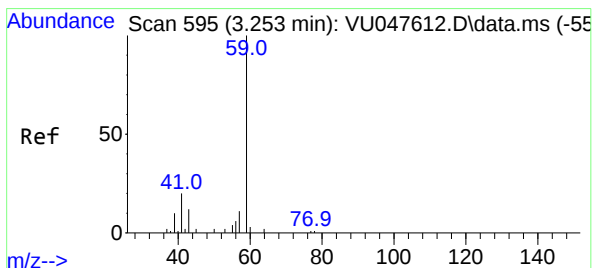
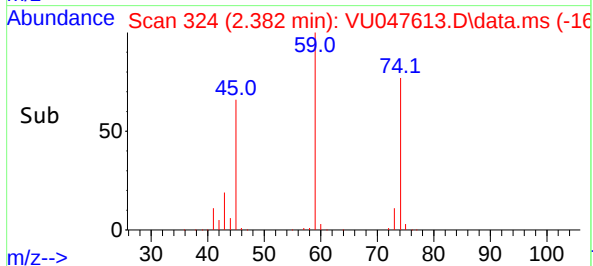
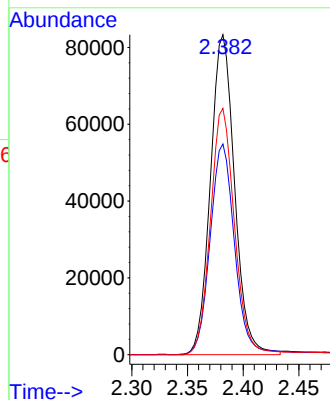
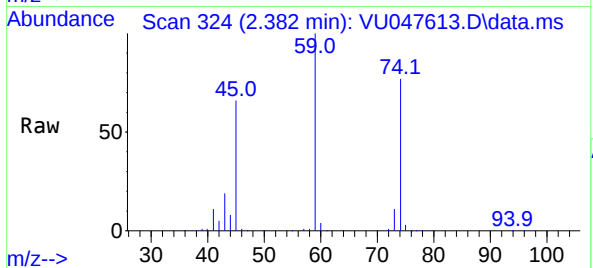
74 77.1 58.1 87.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#24

tert-Butyl Alcohol

Concen: 173.565 ug/l m

RT: 3.263 min Scan# 598

Delta R.T. 0.010 min

Lab File: VU047613.D

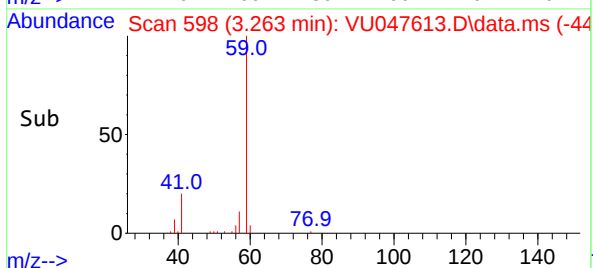
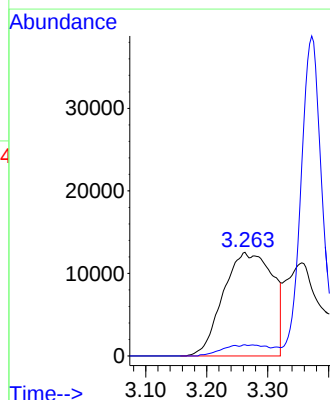
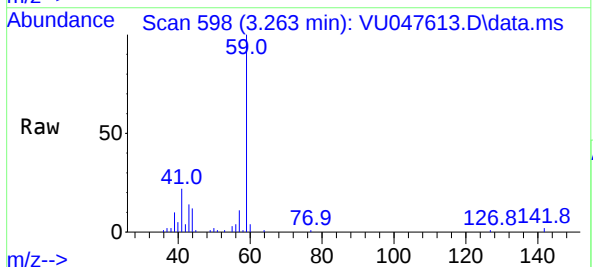
Acq: 18 Mar 2022 12:29

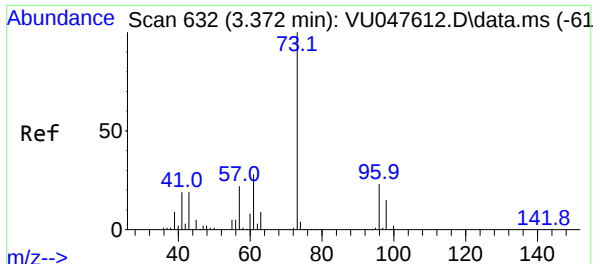
Tgt Ion: 59 Resp: 70669

Ion Ratio Lower Upper

59 100

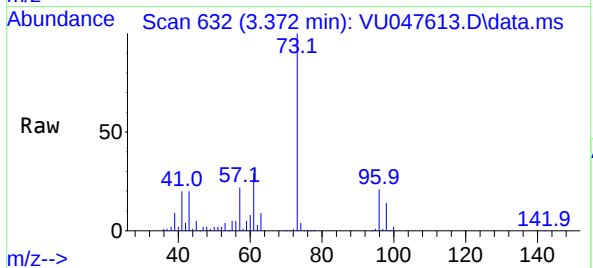
57 4.0 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 18.849 ug/l
RT: 3.372 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

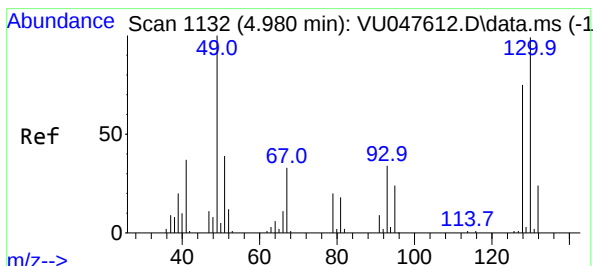
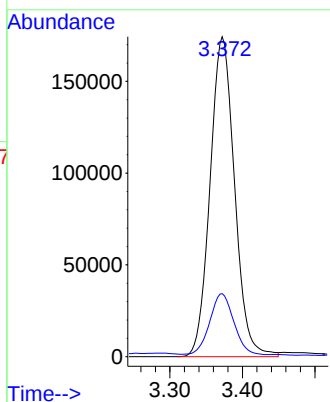
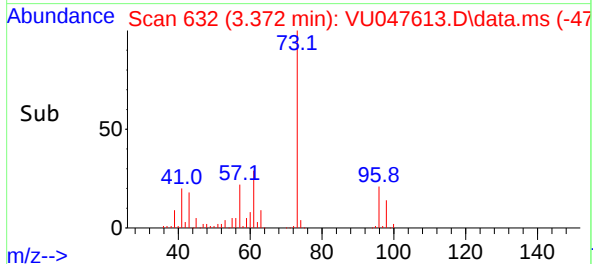
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



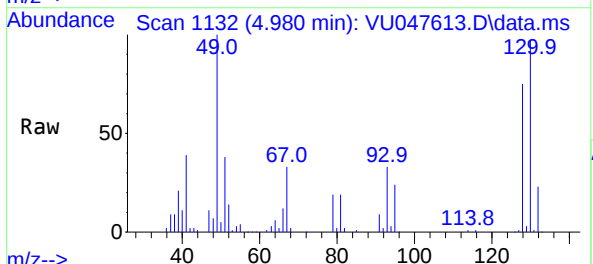
Tgt Ion: 73 Resp: 40944
Ion Ratio Lower Upper
73 100
43 18.6 16.3 24.5

Manual Integrations
APPROVED

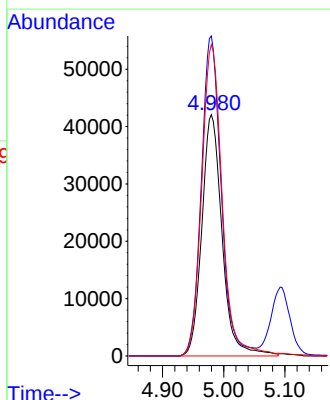
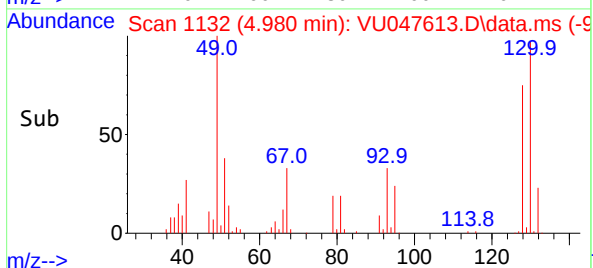
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

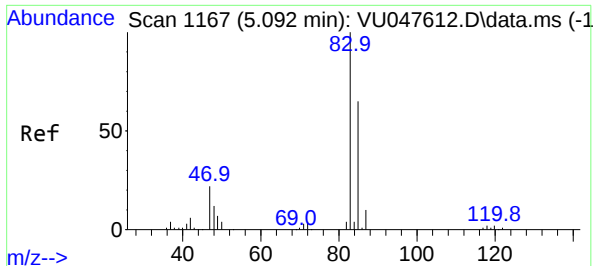


#26
Bromochloromethane
Concen: 22.862 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29



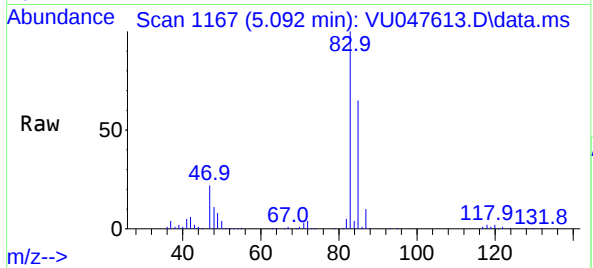
Tgt Ion:128 Resp: 96665
Ion Ratio Lower Upper
128 100
49 130.5 0.0 347.4
130 131.7 101.5 152.3





#27
Chloroform
Concen: 21.662 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

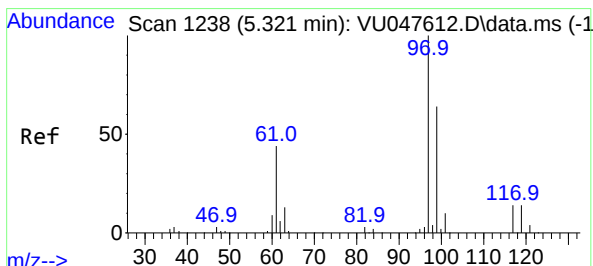
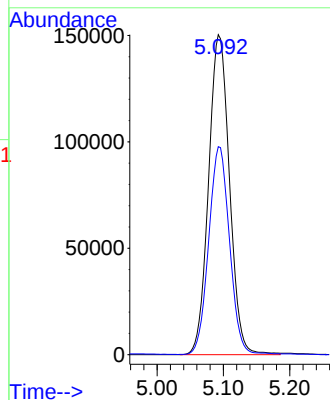
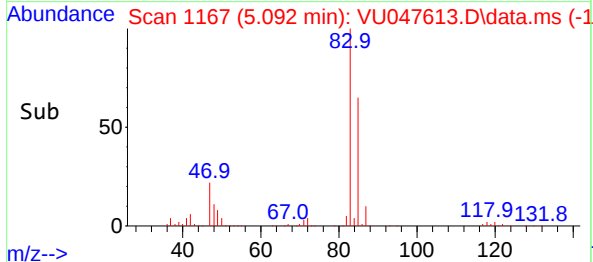
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



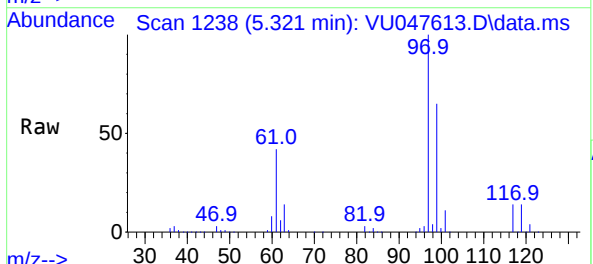
Tgt Ion: 83 Resp: 32925
Ion Ratio Lower Upper
83 100
85 64.9 0.0 129.2

Manual Integrations
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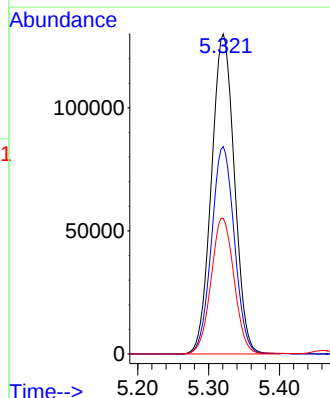
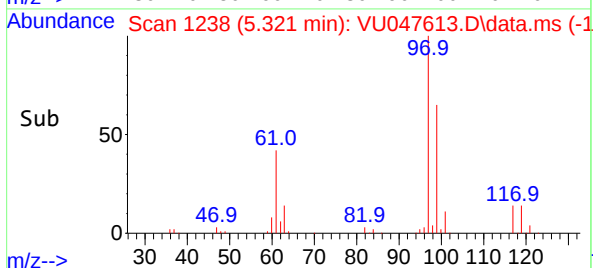
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

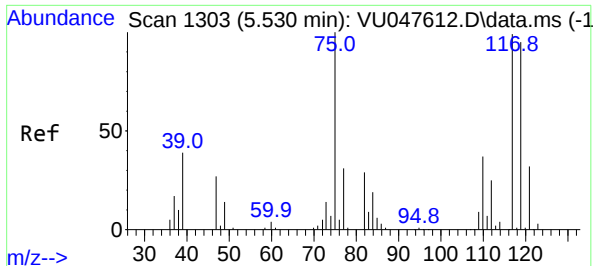


#28
1,1,1-Trichloroethane
Concen: 22.200 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29



Tgt Ion: 97 Resp: 292122
Ion Ratio Lower Upper
97 100
99 64.7 32.2 96.6
61 42.6 24.5 73.5





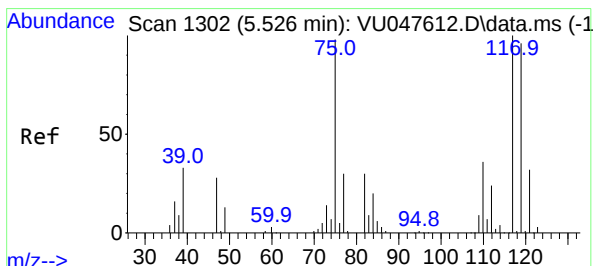
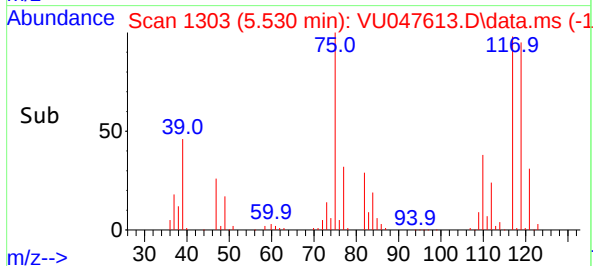
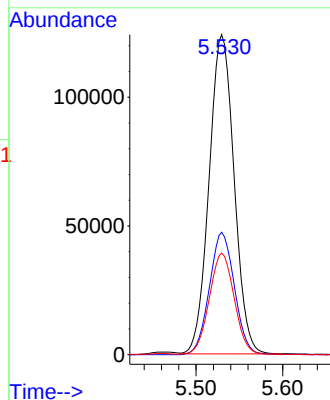
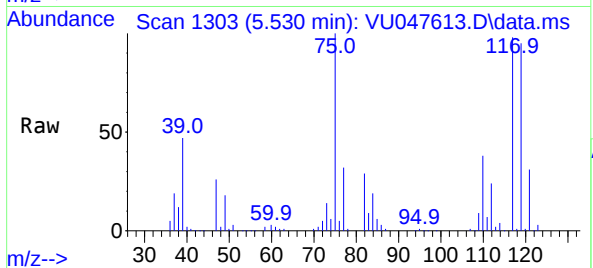
#29
1,1-Dichloropropene
Concen: 20.647 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 24870
Ion Ratio Lower Upper
75 100
110 38.4 16.8 50.3
77 31.6 24.7 37.1

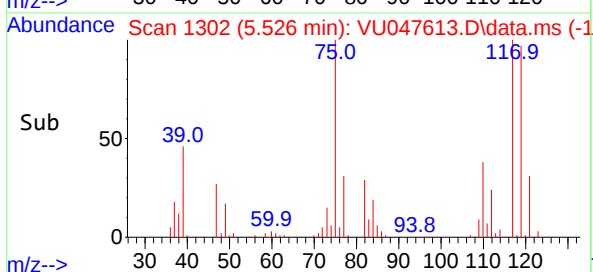
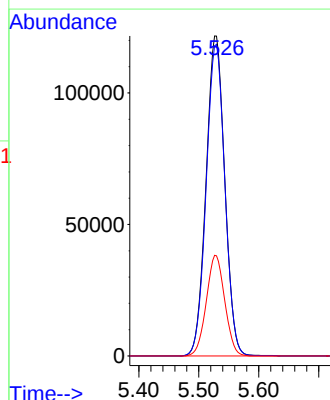
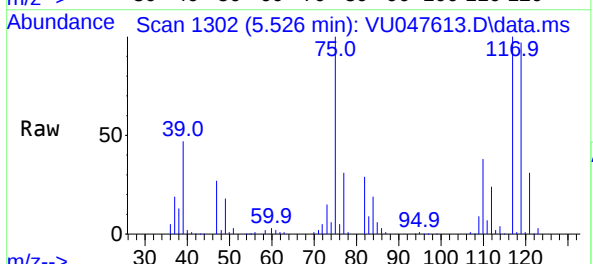
Manual Integrations
APPROVED

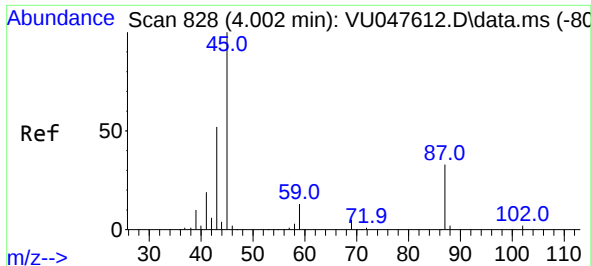
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#30
Carbon Tetrachloride
Concen: 22.839 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

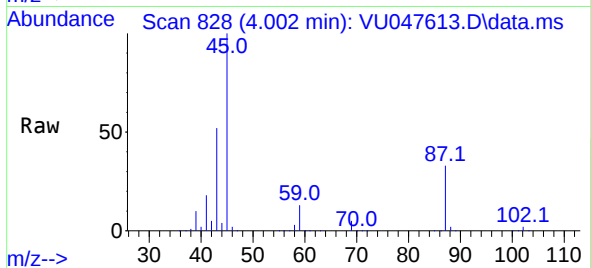
Tgt Ion:117 Resp: 264215
Ion Ratio Lower Upper
117 100
119 96.9 76.8 115.2
121 31.5 24.6 37.0





#31
Isopropyl Ether
Concen: 18.092 ug/l
RT: 4.002 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

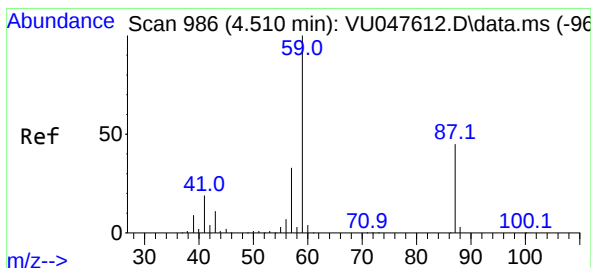
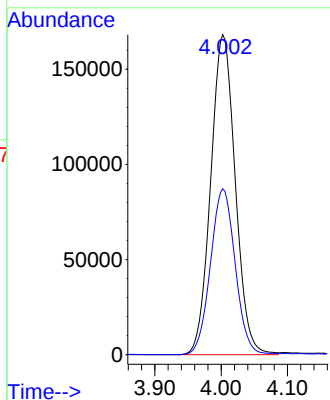
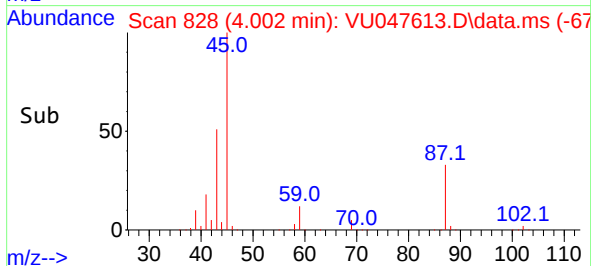
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



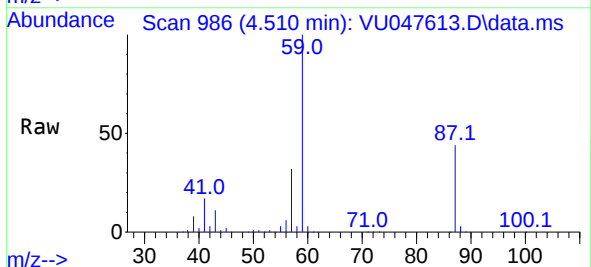
Tgt Ion: 45 Resp: 43343
Ion Ratio Lower Upper
45 100
43 52.3 25.3 75.8

Manual Integrations
APPROVED

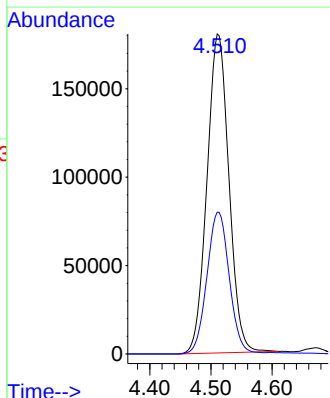
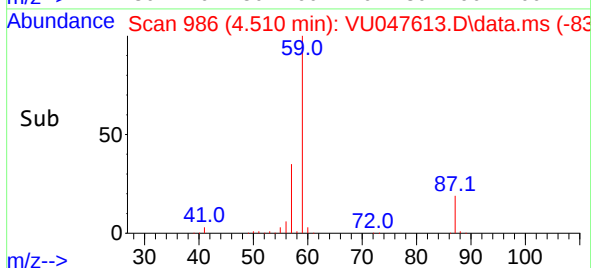
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

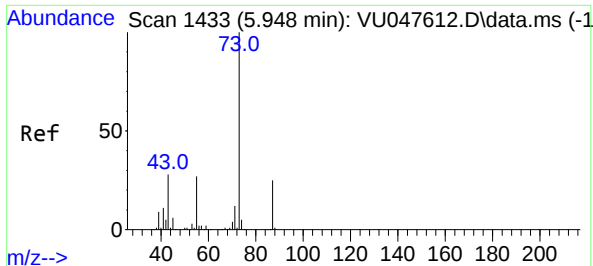


#32
Ethyl-t-butyl ether
Concen: 18.460 ug/l
RT: 4.510 min Scan# 986
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29



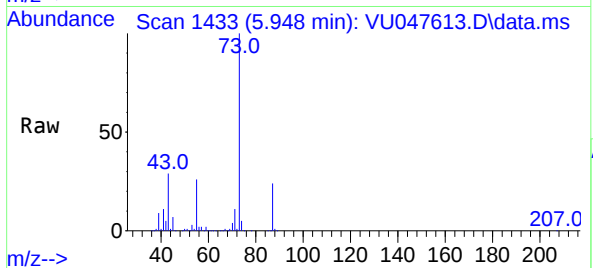
Tgt Ion: 59 Resp: 449566
Ion Ratio Lower Upper
59 100
87 44.7 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 19.615 ug/l
RT: 5.948 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

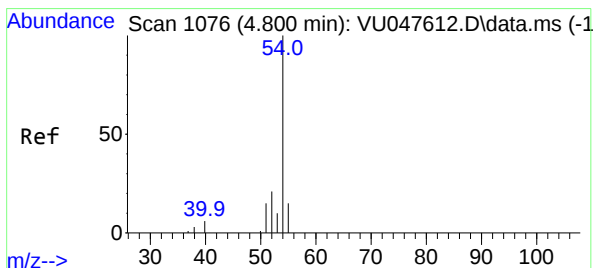
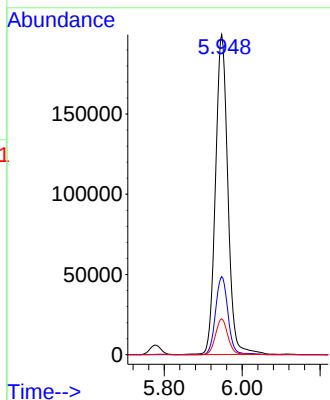
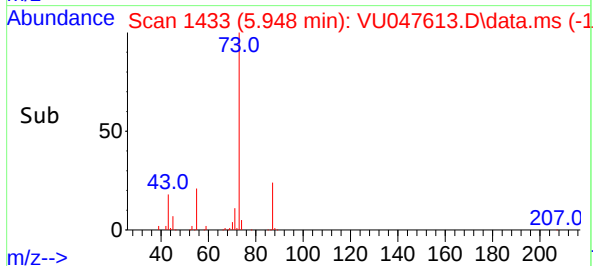
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



Tgt Ion: 73 Resp: 439970
Ion Ratio Lower Upper
73 100
87 23.6 18.6 28.0
71 11.4 9.0 13.6

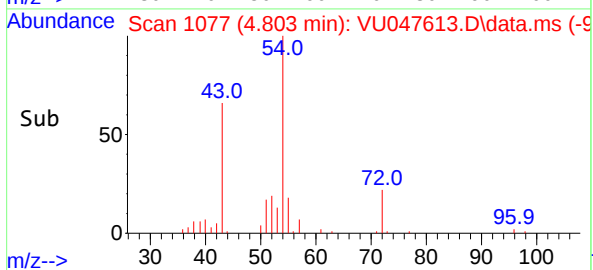
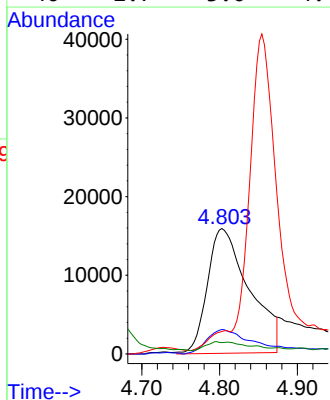
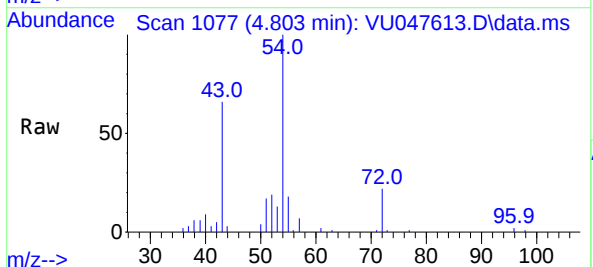
Manual Integrations
APPROVED

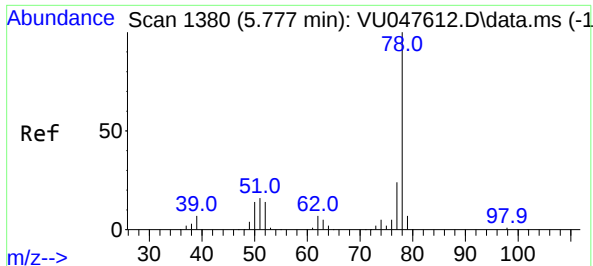
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#34
Propionitrile
Concen: 93.706 ug/l m
RT: 4.803 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Tgt Ion: 54 Resp: 59444
Ion Ratio Lower Upper
54 100
52 23.7 11.9 17.9#
55 173.9 8.0 12.0#
40 2.7 3.0 4.4#





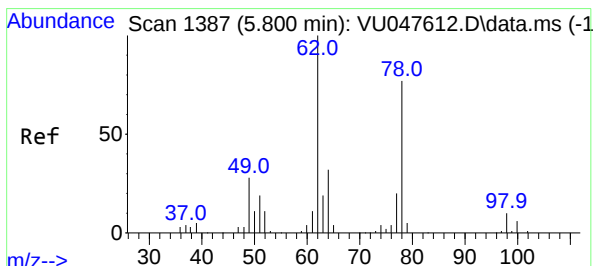
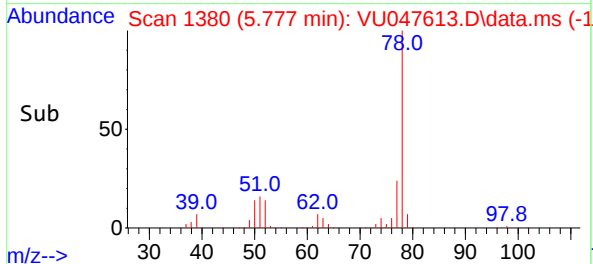
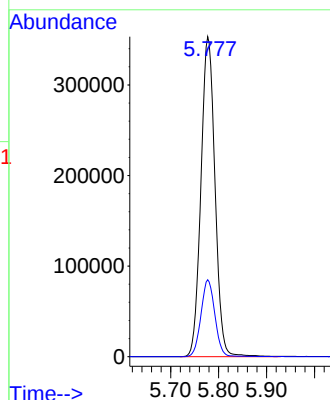
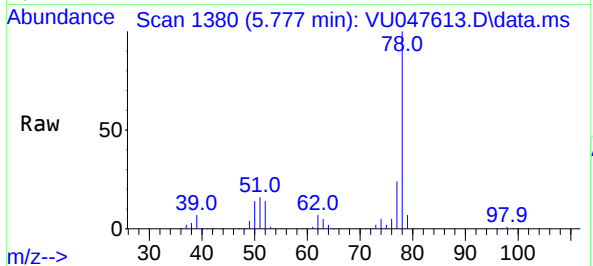
#35
Benzene
Concen: 21.299 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 78 Resp: 71895
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

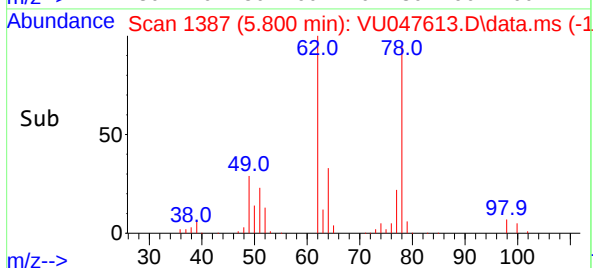
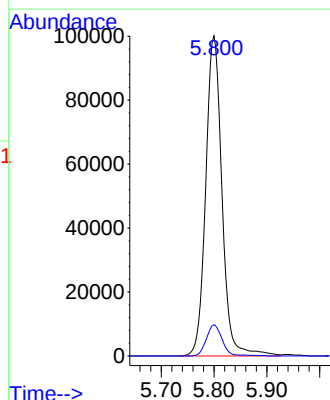
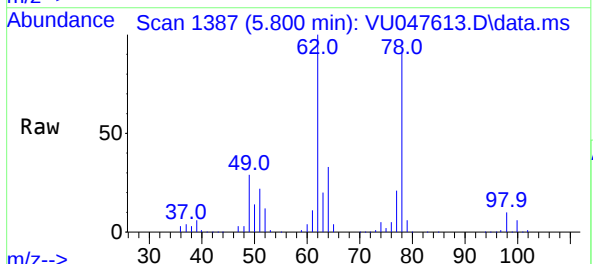
Manual Integrations
APPROVED

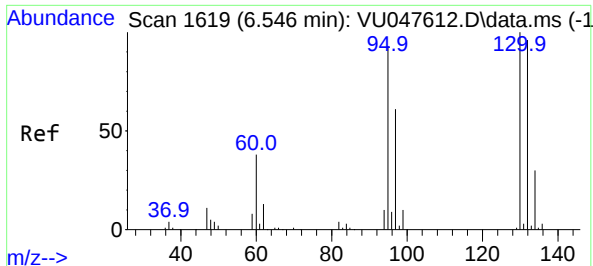
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#36
1,2-Dichloroethane
Concen: 20.957 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Tgt Ion: 62 Resp: 214184
Ion Ratio Lower Upper
62 100
98 9.3 7.3 10.9





#37
Trichloroethene
Concen: 22.365 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

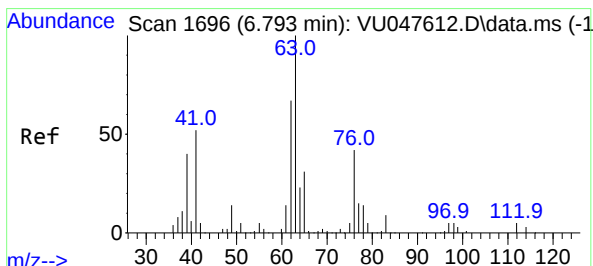
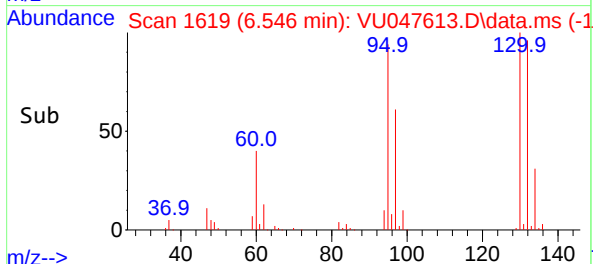
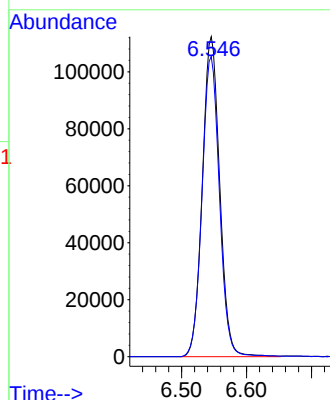
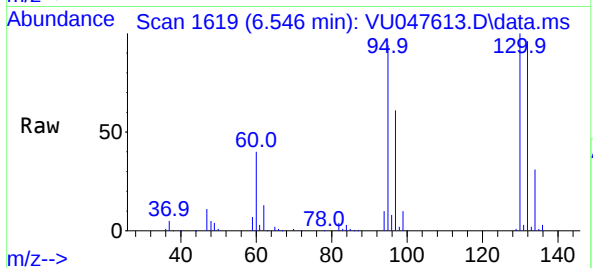
VSTDICC020

Tgt Ion:130 Resp: 20901
Ion Ratio Lower Upper
130 100
95 93.8 83.8 125.8

Manual Integrations

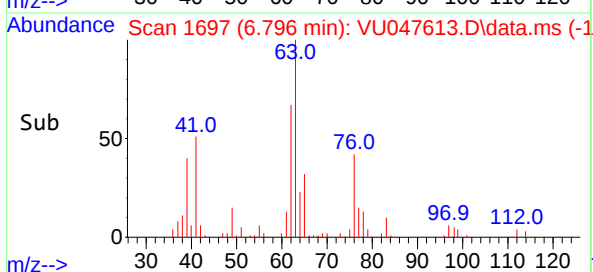
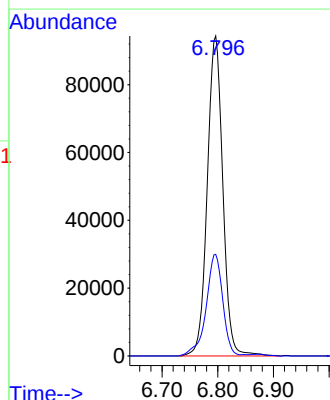
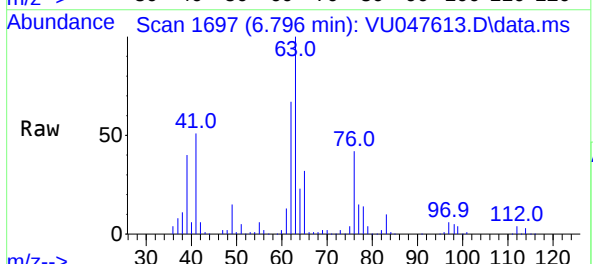
APPROVED

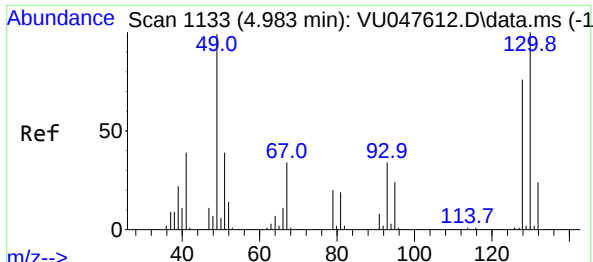
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#38
1,2-Dichloropropane
Concen: 20.483 ug/l
RT: 6.796 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

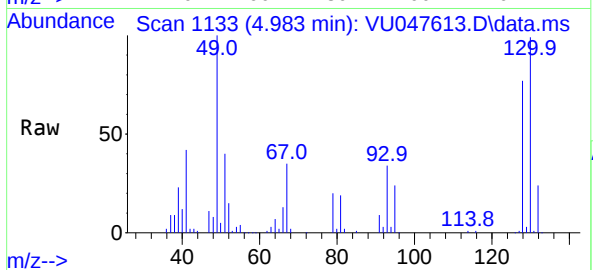
Tgt Ion: 63 Resp: 182965
Ion Ratio Lower Upper
63 100
65 31.8 24.7 37.1





#39
Methacrylonitrile
Concen: 17.495 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

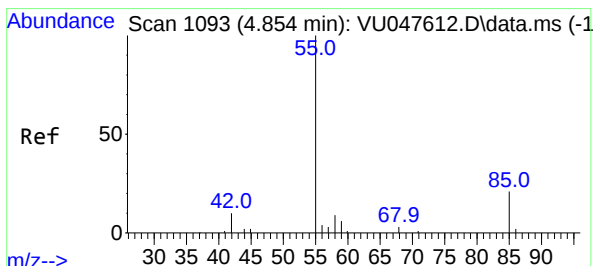
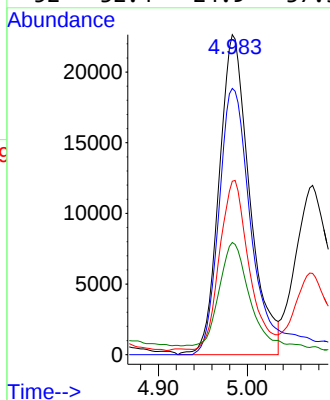
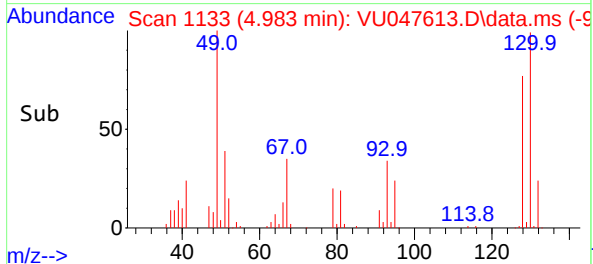


Tgt Ion: 41 Resp: 5386

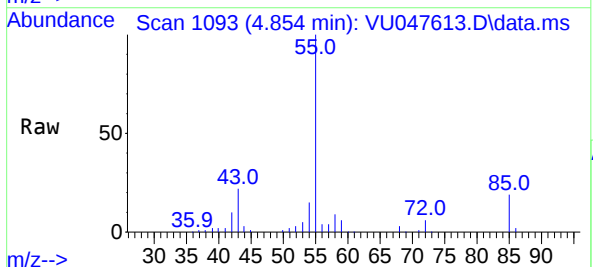
Ion	Ratio	Lower	Upper
41	100		
67	91.4	65.2	97.8
39	50.7	43.0	64.6
52	32.4	24.9	37.3

Manual Integrations
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Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

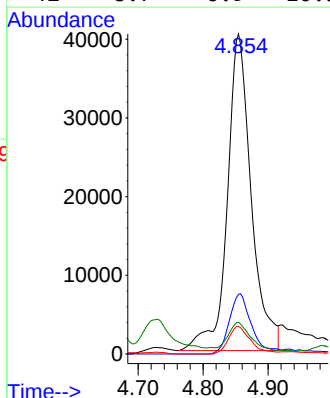
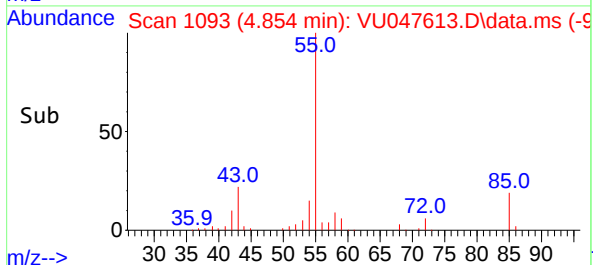


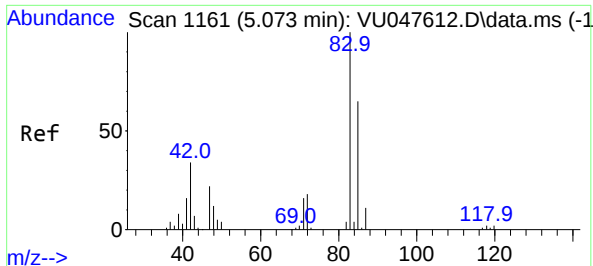
#40
Methyl acrylate
Concen: 19.861 ug/l
RT: 4.854 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29



Tgt Ion: 55 Resp: 103358

Ion	Ratio	Lower	Upper
55	100		
85	17.6	12.2	18.2
58	8.1	6.7	10.1
42	8.7	6.9	10.3





#41

Tetrahydrofuran

Concen: 35.063 ug/l

RT: 5.073 min Scan# 1161

Delta R.T. -0.000 min

Lab File: VU047613.D

Acq: 18 Mar 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 5498

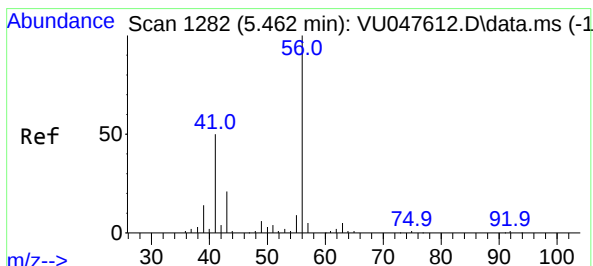
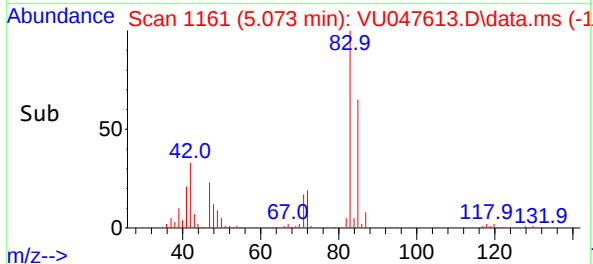
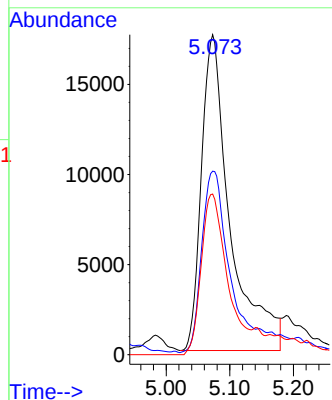
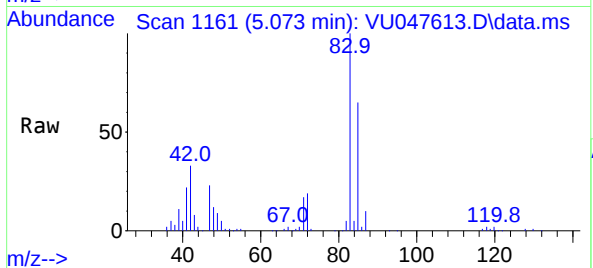
Ion	Ratio	Lower	Upper
42	100		
72	56.6	42.4	63.6
71	46.2	36.4	54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#42

1-Chlorobutane

Concen: 19.598 ug/l

RT: 5.462 min Scan# 1282

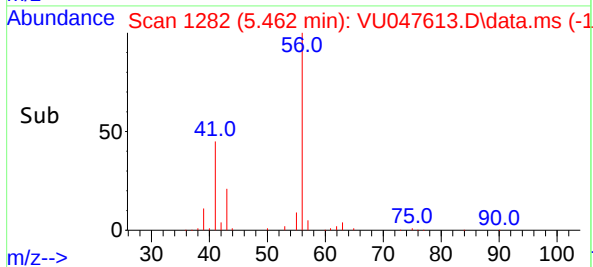
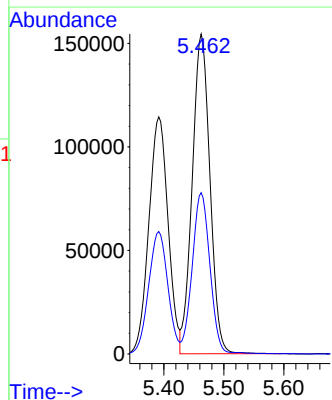
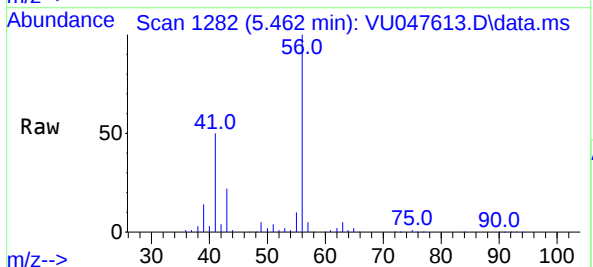
Delta R.T. -0.000 min

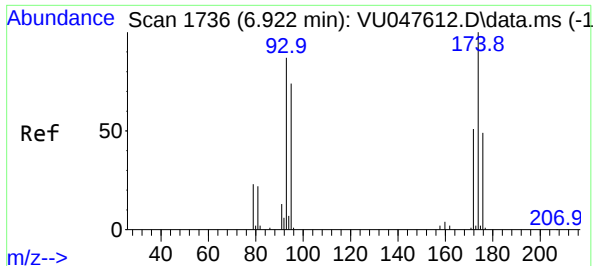
Lab File: VU047613.D

Acq: 18 Mar 2022 12:29

Tgt Ion: 56 Resp: 316963

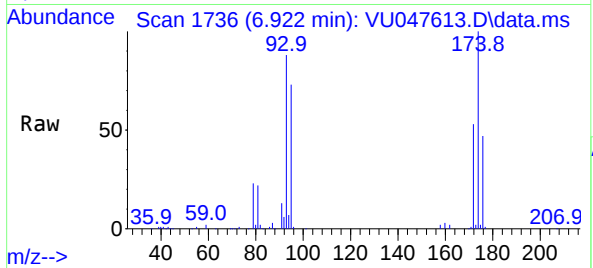
Ion	Ratio	Lower	Upper
56	100		
41	49.4	26.0	78.0





#43
Dibromomethane
Concen: 22.576 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

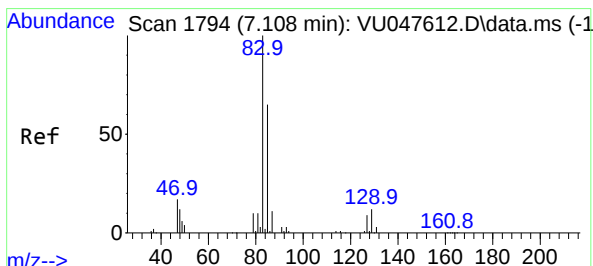
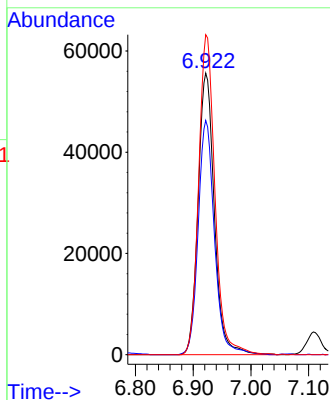
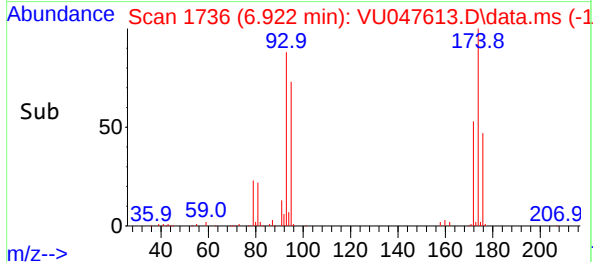
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



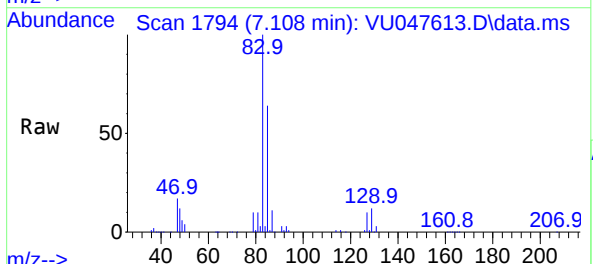
Tgt Ion: 93 Resp: 108750
Ion Ratio Lower Upper
93 100
95 83.5 66.2 99.2
174 113.9 70.7 106.1

Manual Integrations
APPROVED

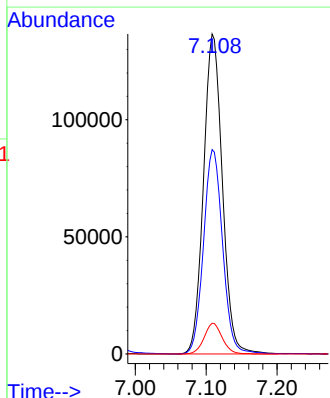
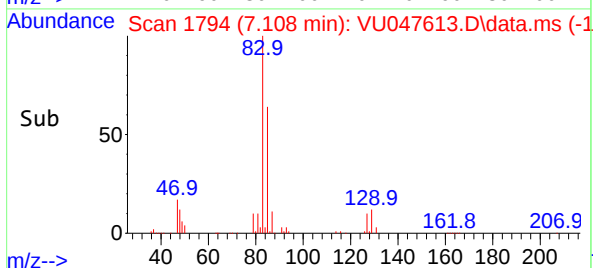
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

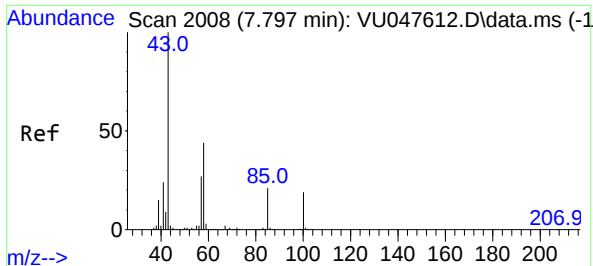


#44
Bromodichloromethane
Concen: 22.183 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29



Tgt Ion: 83 Resp: 252735
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3
127 9.6 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 93.011 ug/l

RT: 7.800 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU047613.D

Acq: 18 Mar 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 606000

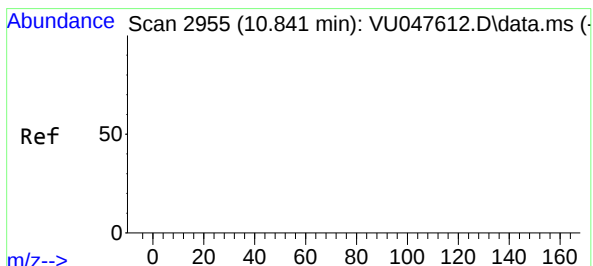
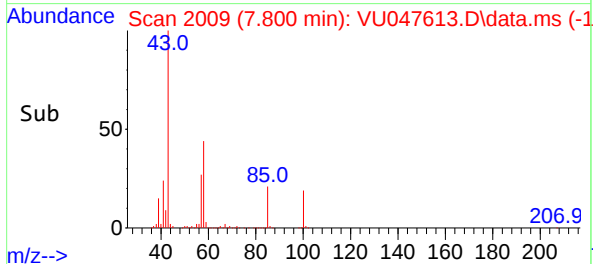
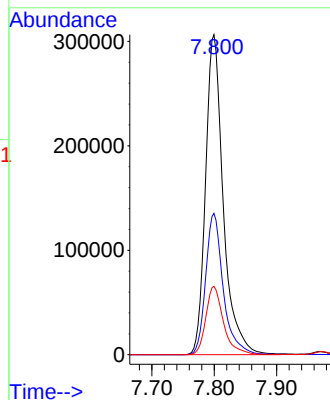
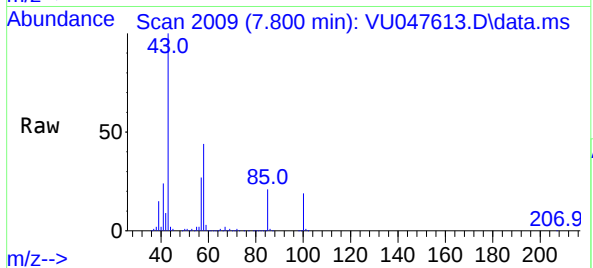
Ion	Ratio	Lower	Upper
43	100		
58	43.9	21.0	63.0
85	21.3	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#46

t-1,4-Dichloro-2-butene

Concen: 43.009 ug/l m

RT: 10.841 min Scan# 2955

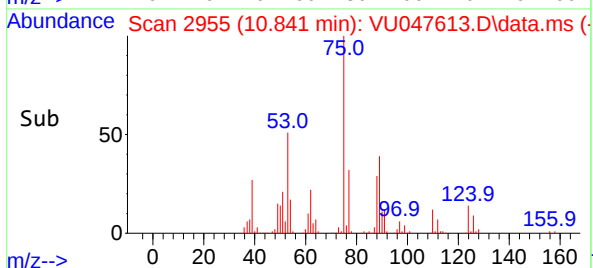
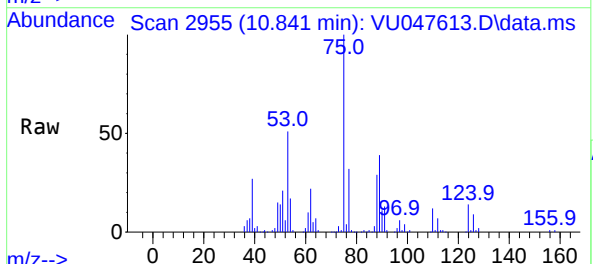
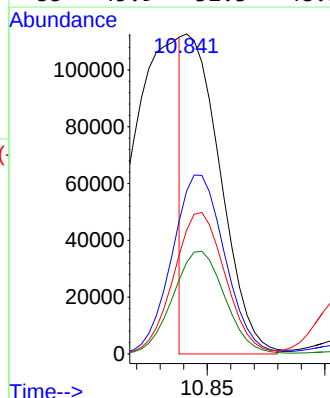
Delta R.T. -0.000 min

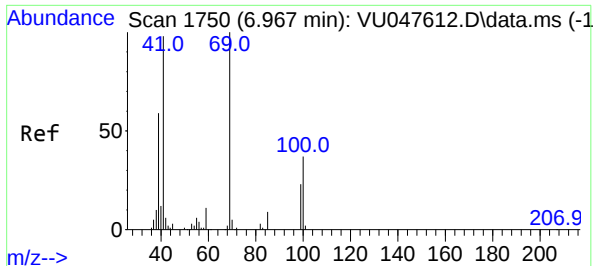
Lab File: VU047613.D

Acq: 18 Mar 2022 12:29

Tgt Ion: 75 Resp: 121986

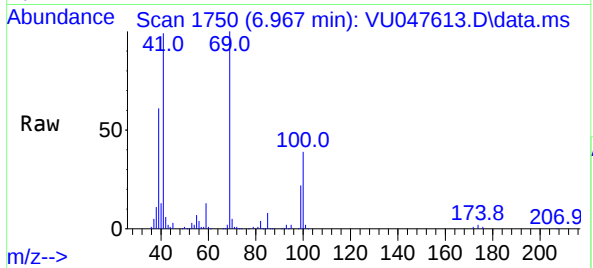
Ion	Ratio	Lower	Upper
75	100		
53	81.0	66.8	100.2
89	62.6	41.7	62.5#
88	45.9	32.3	48.5





#47
Methyl methacrylate
Concen: 40.232 ug/l
RT: 6.967 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

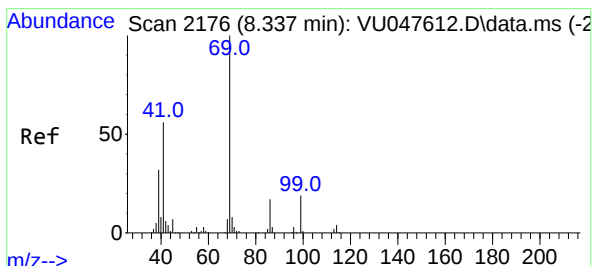
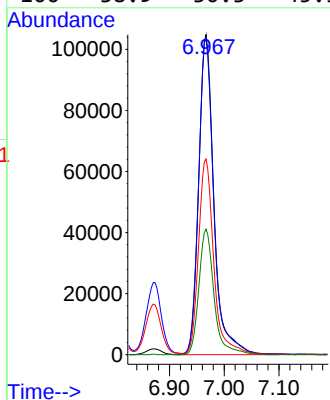
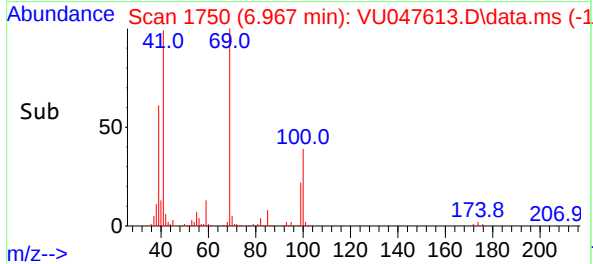
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion: 69 Resp: 203260
Ion Ratio Lower Upper
69 100
41 97.7 0.0 230.0
39 60.8 55.1 82.7
100 38.9 30.3 45.5

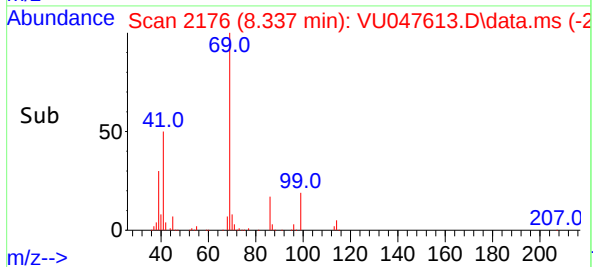
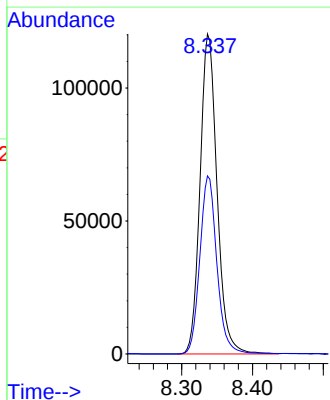
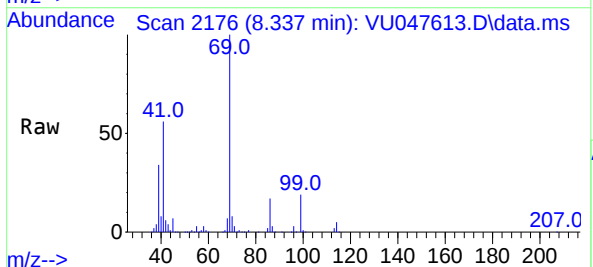
Manual Integrations
APPROVED

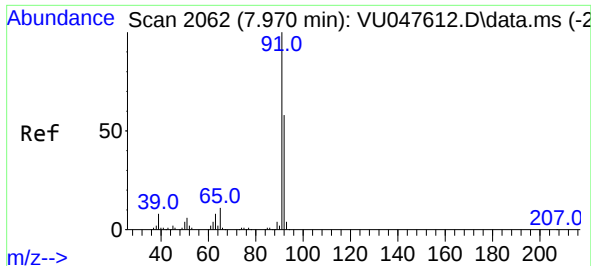
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#48
Ethyl methacrylate
Concen: 19.553 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

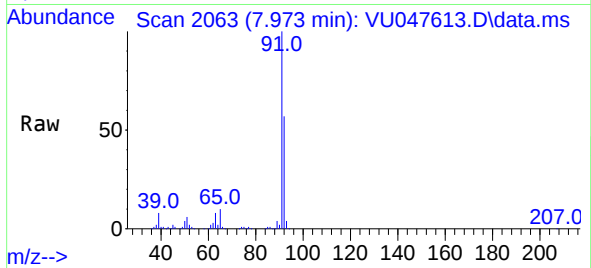
Tgt Ion: 69 Resp: 200248
Ion Ratio Lower Upper
69 100
41 55.9 32.6 98.0





#49
Toluene
Concen: 21.779 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

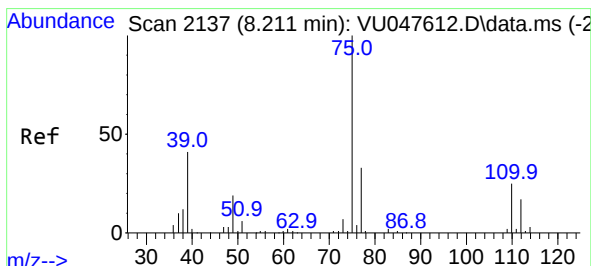
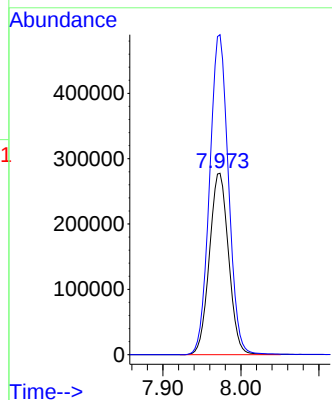
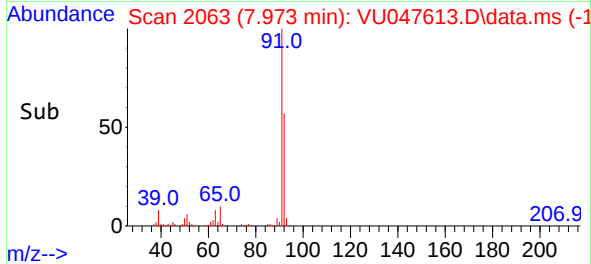
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion: 92 Resp: 474215
Ion Ratio Lower Upper
92 100
91 174.2 136.8 205.2

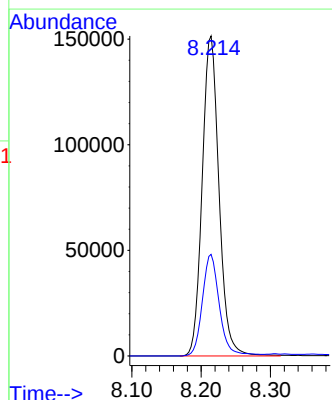
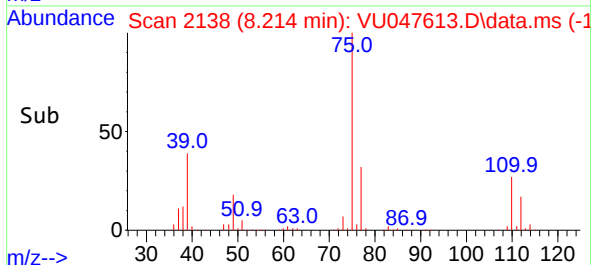
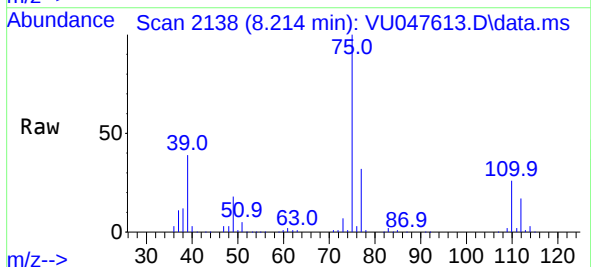
Manual Integrations
APPROVED

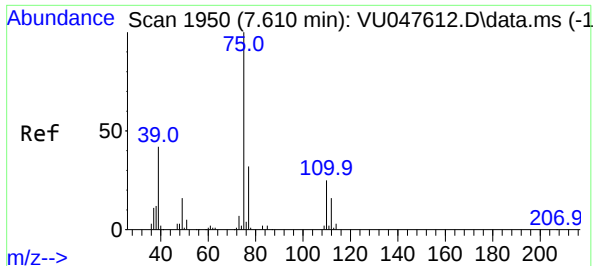
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#50
t-1,3-Dichloropropene
Concen: 20.662 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

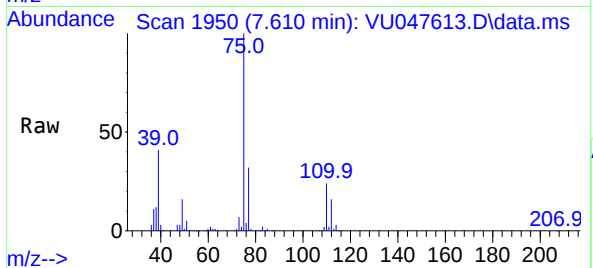
Tgt Ion: 75 Resp: 254804
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4





#51
cis-1,3-Dichloropropene
Concen: 20.271 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

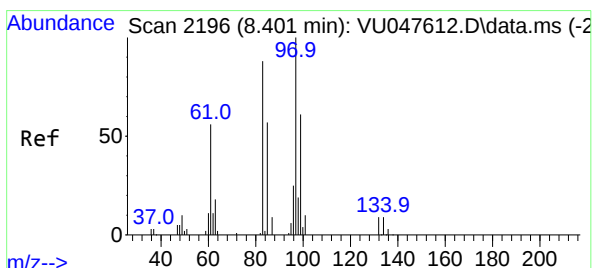
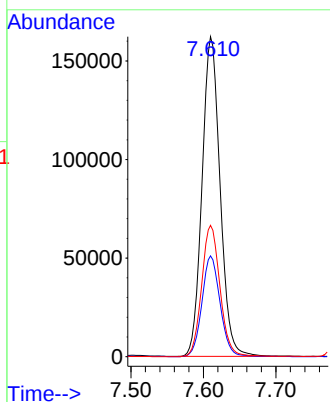
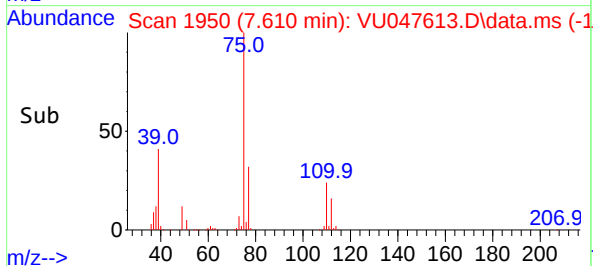
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



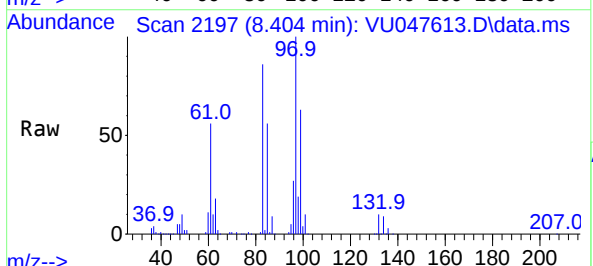
Tgt Ion: 75 Resp: 280240
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 41.1 38.6 57.8

Manual Integrations
APPROVED

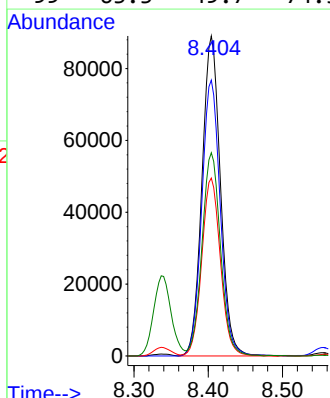
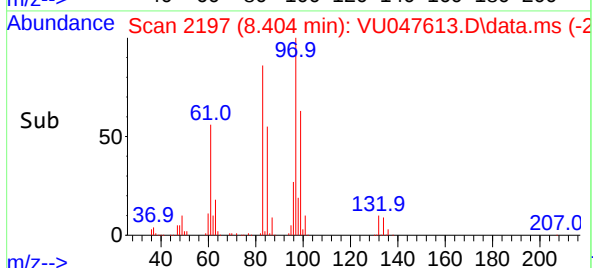
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

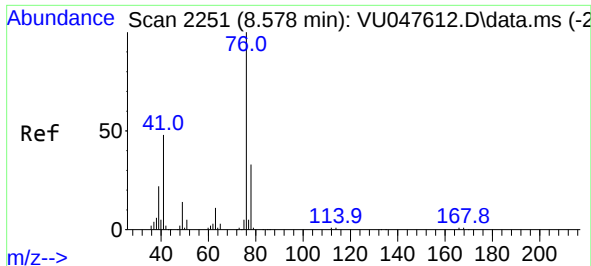


#52
1,1,2-Trichloroethane
Concen: 22.394 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29



Tgt Ion: 97 Resp: 153921
Ion Ratio Lower Upper
97 100
83 86.2 69.8 104.8
85 55.6 44.2 66.4
99 63.3 49.7 74.5





#53

1,3-Dichloropropane

Concen: 20.744 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047613.D

Acq: 18 Mar 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 254748

Ion Ratio Lower Upper

76 100

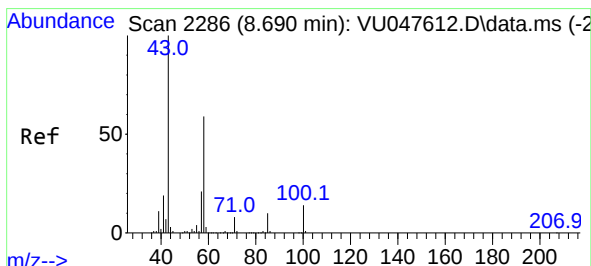
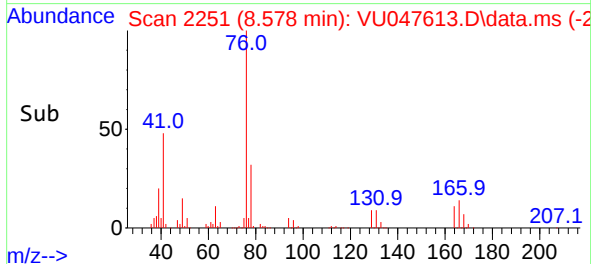
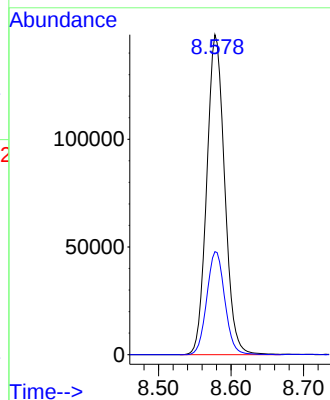
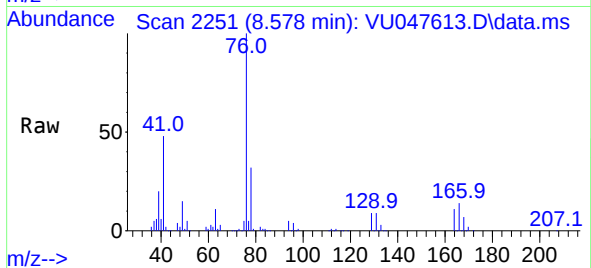
78 32.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#54

2-Hexanone

Concen: 91.848 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VU047613.D

Acq: 18 Mar 2022 12:29

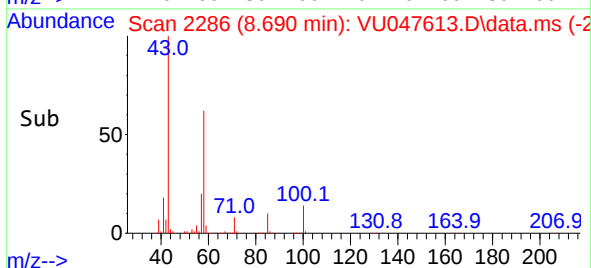
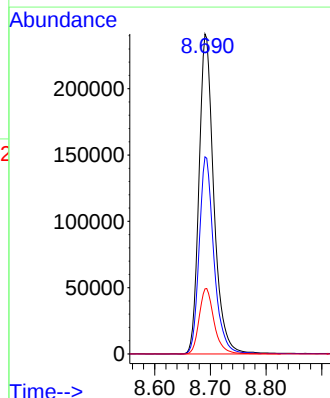
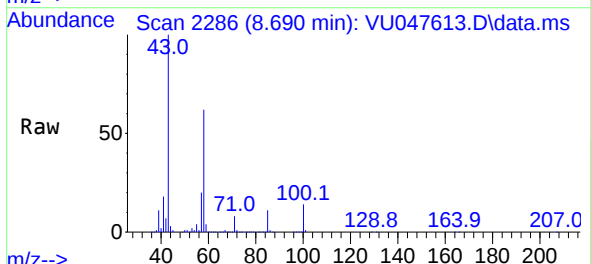
Tgt Ion: 43 Resp: 445832

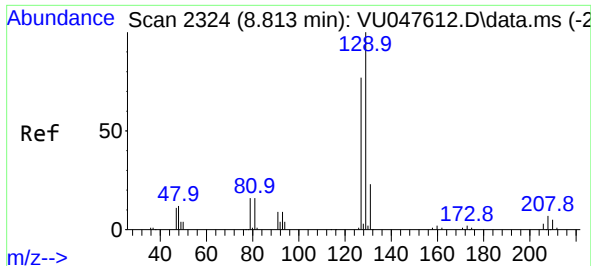
Ion Ratio Lower Upper

43 100

58 61.2 37.7 77.7

57 20.6 0.5 40.5





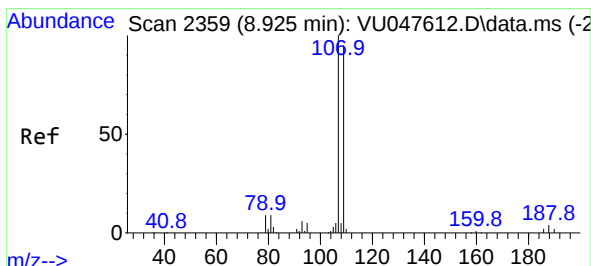
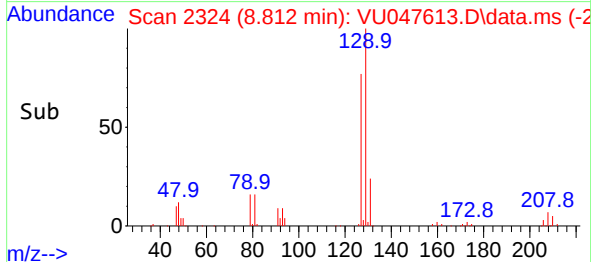
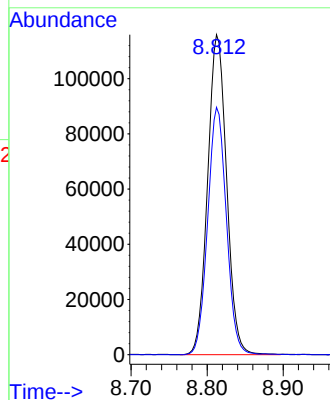
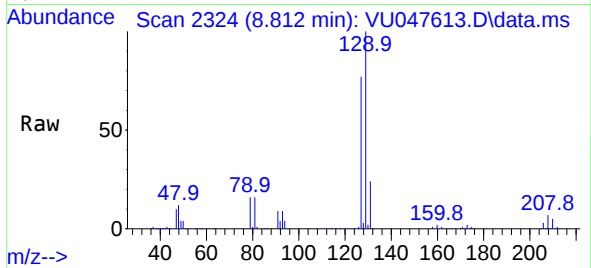
#55
Dibromochloromethane
Concen: 24.068 ug/l
RT: 8.812 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:129 Resp: 201110
Ion Ratio Lower Upper
129 100
127 76.1 62.2 93.4

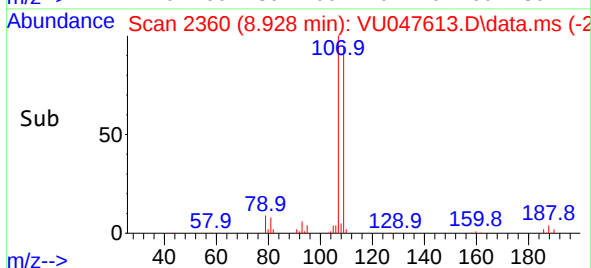
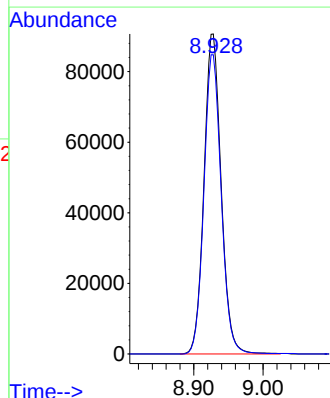
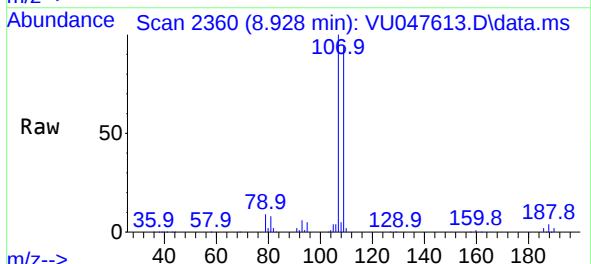
Manual Integrations
APPROVED

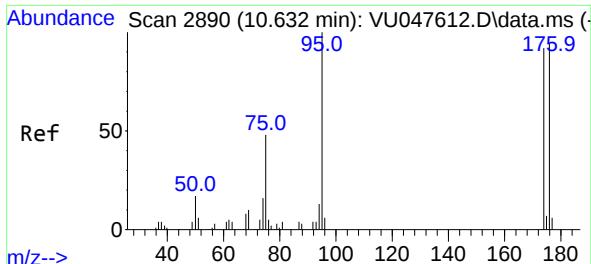
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#56
1,2-Dibromoethane
Concen: 22.421 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

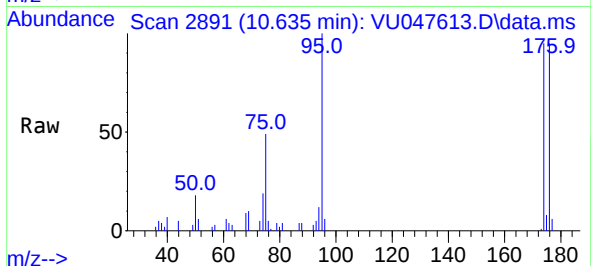
Tgt Ion:107 Resp: 155739
Ion Ratio Lower Upper
107 100
109 94.3 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 1.000 ug/l
RT: 10.635 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

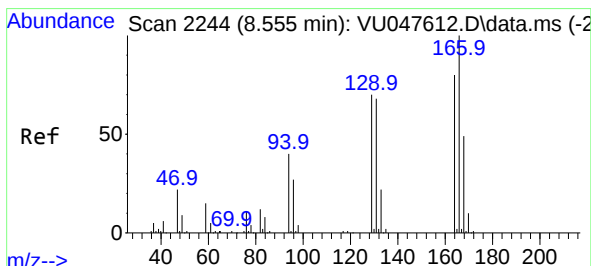
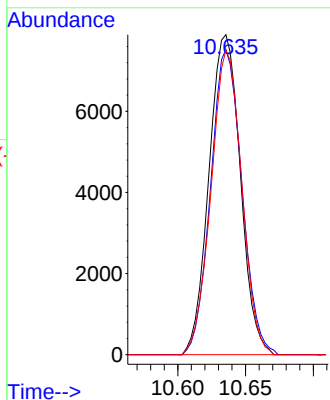
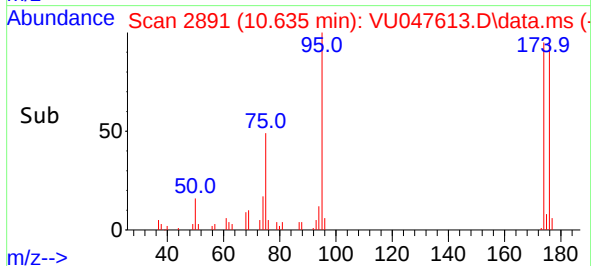
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion: 95 Resp: 1269
Ion Ratio Lower Upper
95 100
174 94.9 56.6 84.8
176 92.8 54.3 81.5

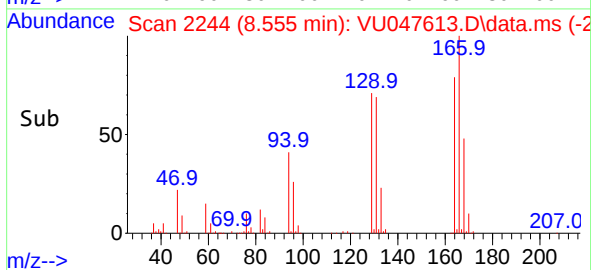
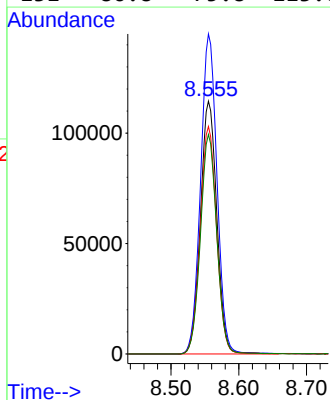
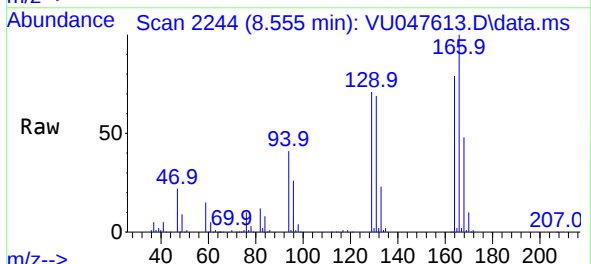
Manual Integrations
APPROVED

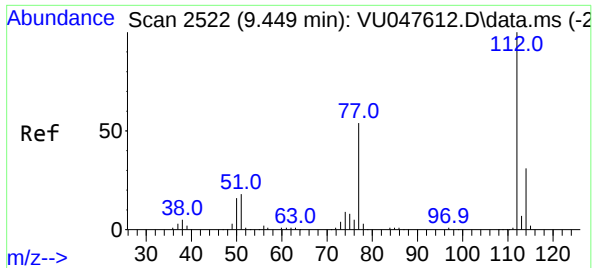
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#58
Tetrachloroethene
Concen: 22.397 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Tgt Ion:164 Resp: 193149
Ion Ratio Lower Upper
164 100
166 126.6 102.0 153.0
129 90.0 77.1 115.7
131 86.8 75.8 113.6





#59

Chlorobenzene

Concen: 22.293 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047613.D

Acq: 18 Mar 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion:112 Resp: 54122

Ion Ratio Lower Upper

112 100

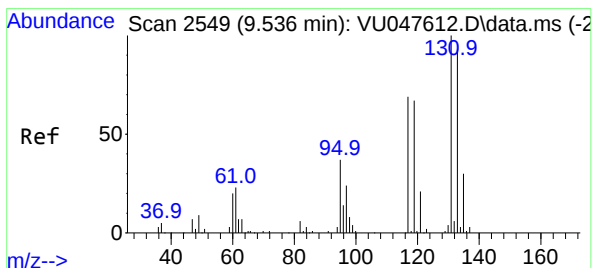
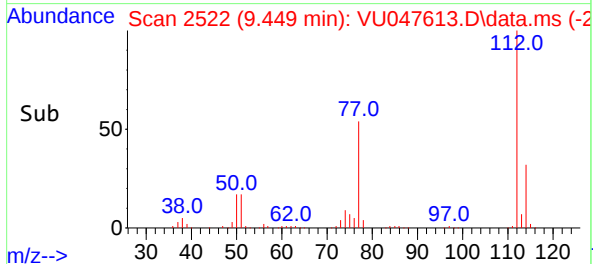
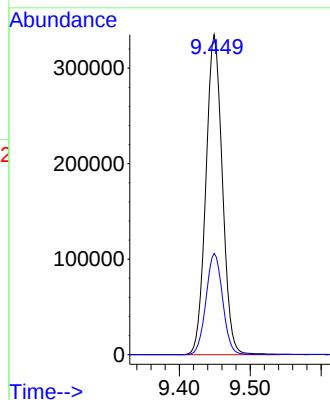
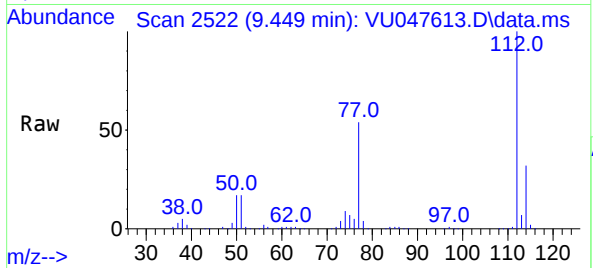
114 31.6 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 24.445 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. -0.000 min

Lab File: VU047613.D

Acq: 18 Mar 2022 12:29

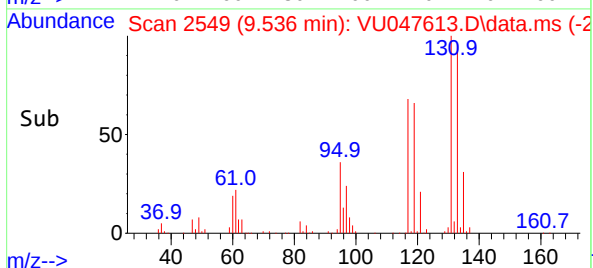
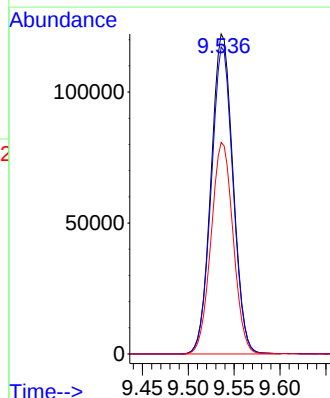
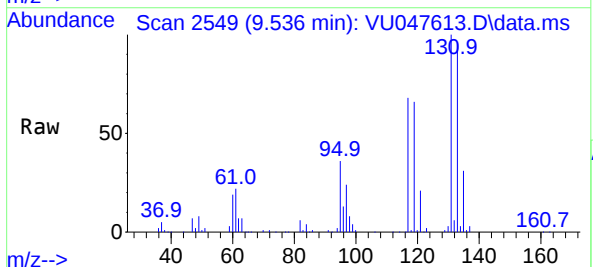
Tgt Ion:131 Resp: 203977

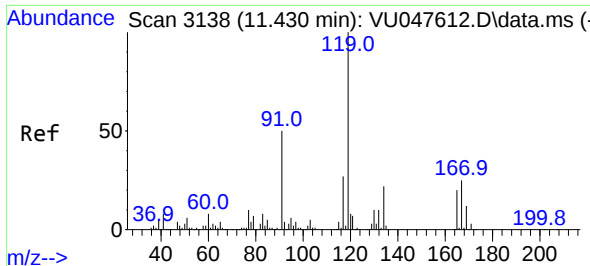
Ion Ratio Lower Upper

131 100

133 95.3 76.0 114.0

119 66.3 54.9 82.3





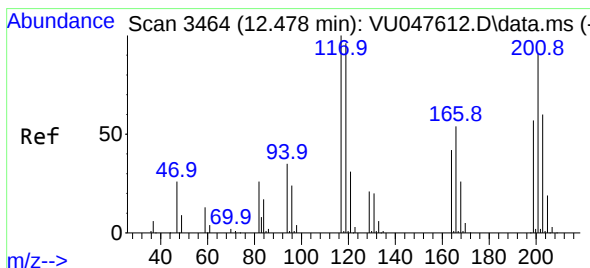
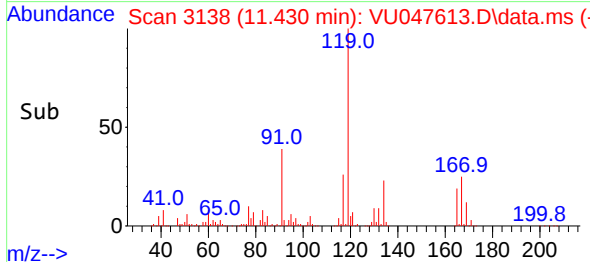
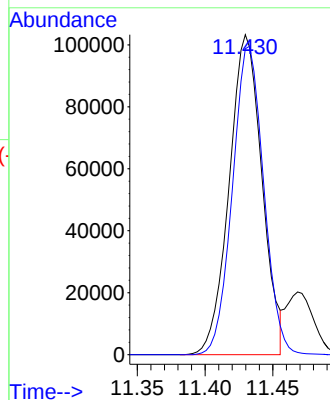
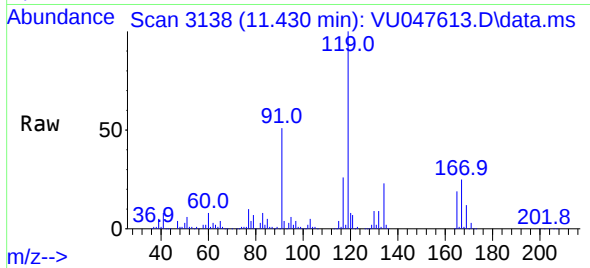
#61
Pentachloroethane
Concen: 27.416 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 173660
Ion Ratio Lower Upper
117 100
167 91.8 59.7 89.5

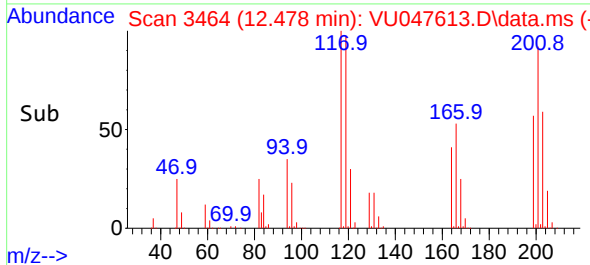
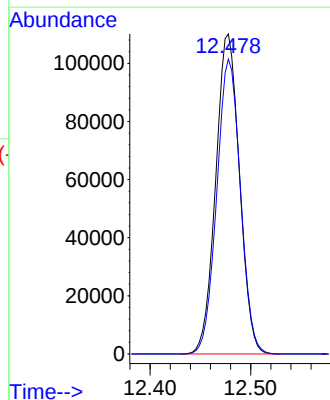
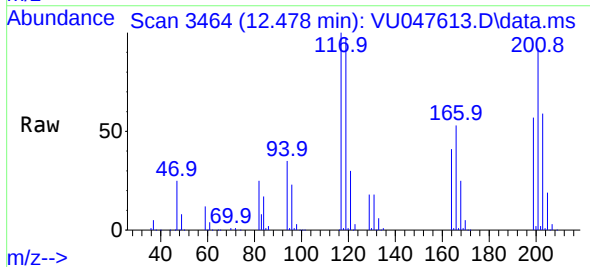
Manual Integrations
APPROVED

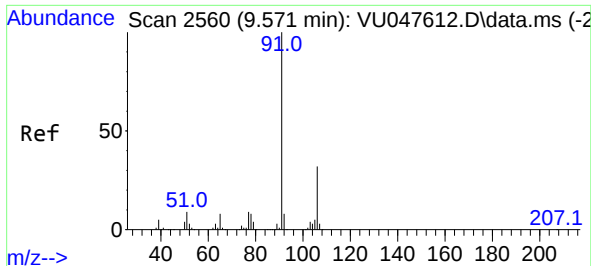
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#62
Hexachloroethane
Concen: 26.428 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Tgt Ion:117 Resp: 180741
Ion Ratio Lower Upper
117 100
201 91.9 53.6 80.4





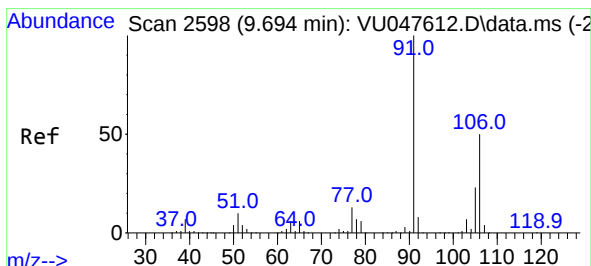
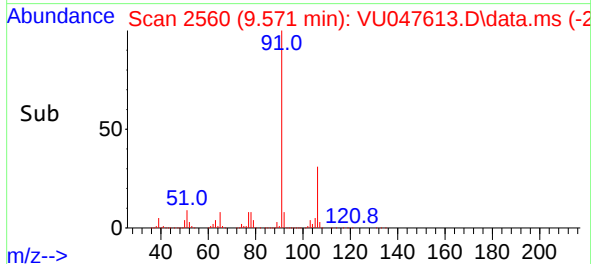
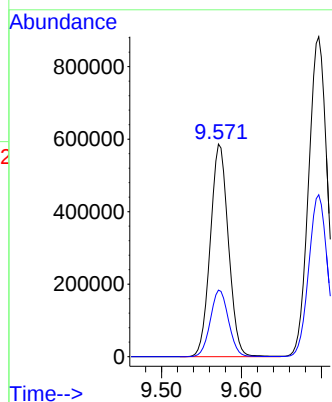
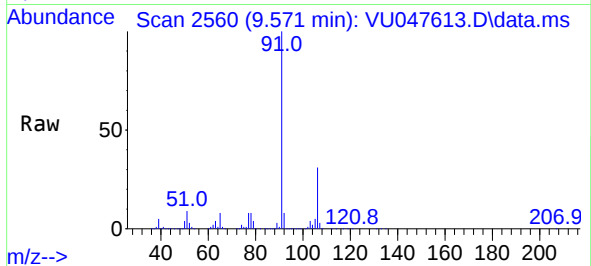
#63
Ethyl Benzene
Concen: 21.618 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 922625
Ion Ratio Lower Upper
91 100
106 31.3 24.4 36.6

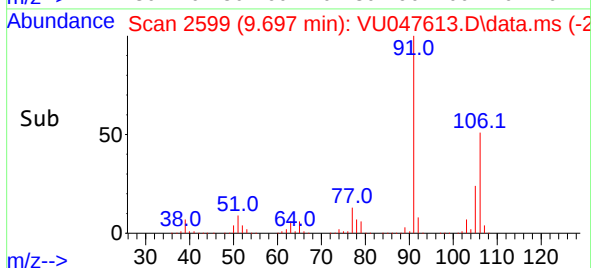
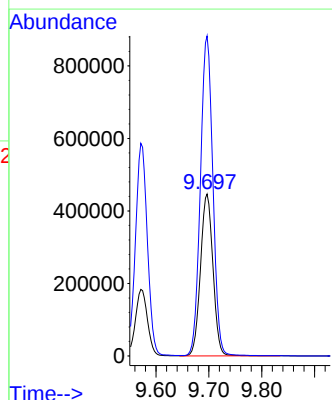
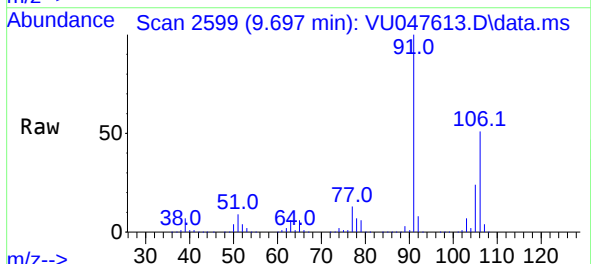
Manual Integrations
APPROVED

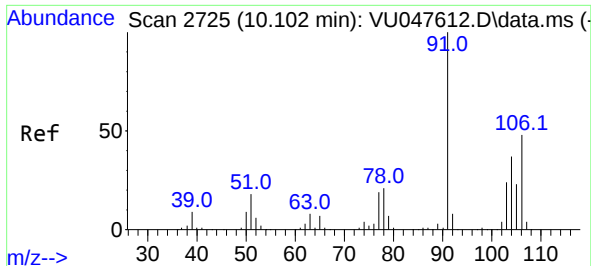
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#64
m/p-Xylenes
Concen: 44.874 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Tgt Ion:106 Resp: 729991
Ion Ratio Lower Upper
106 100
91 197.6 165.5 248.3





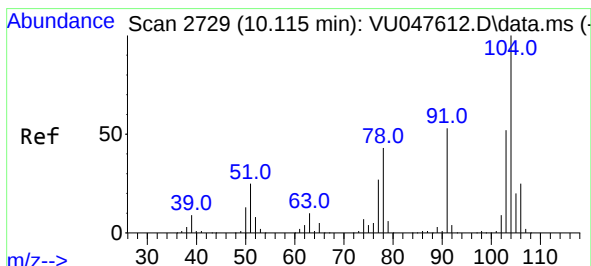
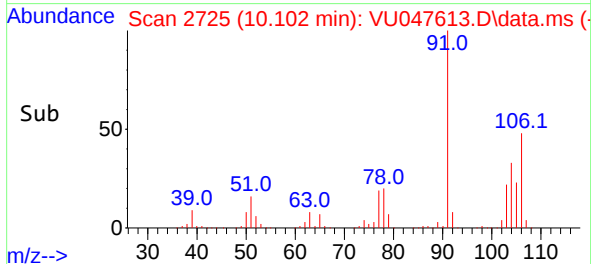
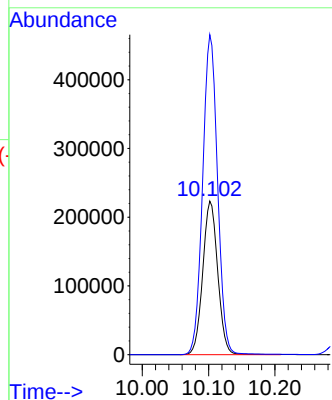
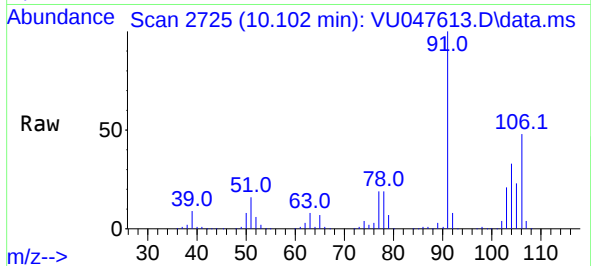
#65
o-Xylene
Concen: 22.201 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 34985
Ion Ratio Lower Upper
106 100
91 208.3 109.4 328.2

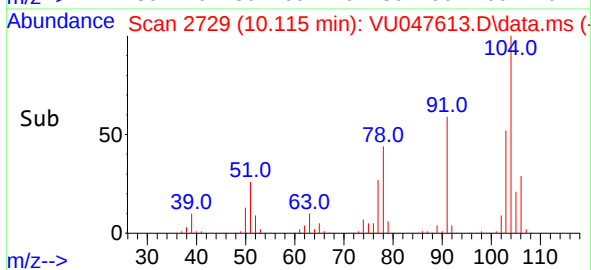
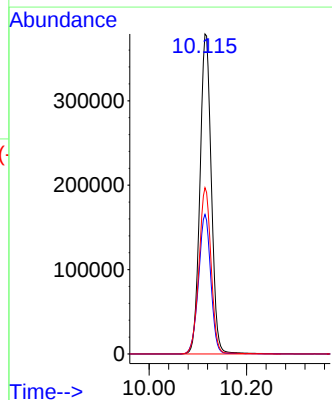
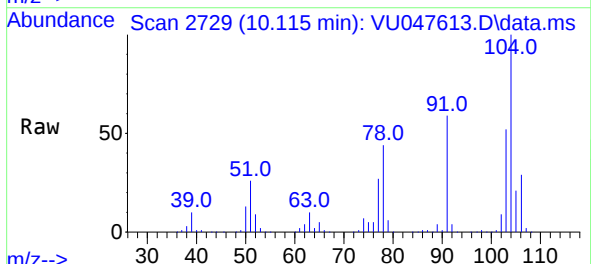
Manual Integrations
APPROVED

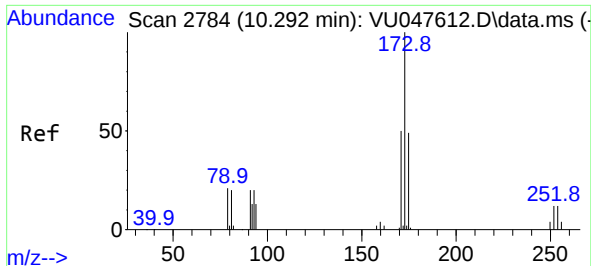
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#66
Styrene
Concen: 23.011 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

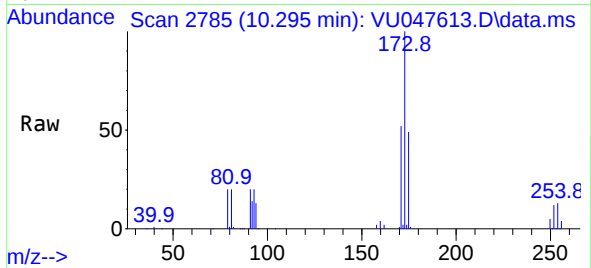
Tgt Ion:104 Resp: 615445
Ion Ratio Lower Upper
104 100
78 46.9 42.4 63.6
103 55.3 44.2 66.4





#67
Bromoform
Concen: 26.086 ug/l
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

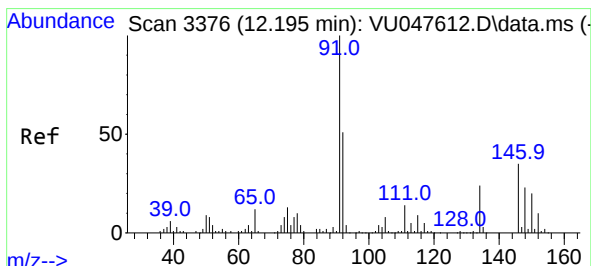
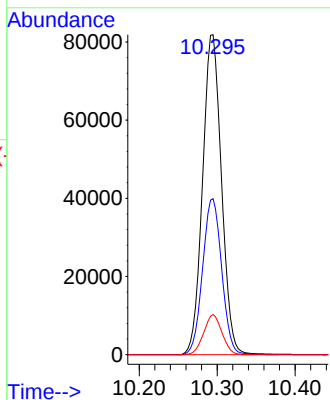
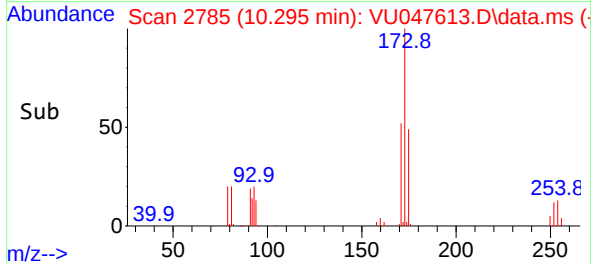
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



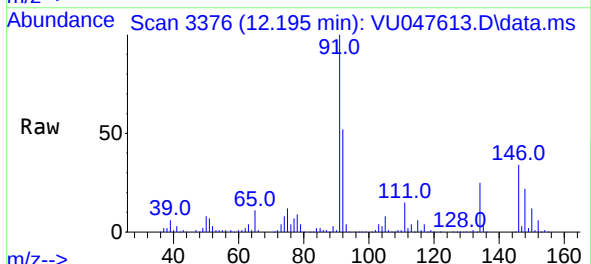
Tgt Ion:173 Resp: 138138
Ion Ratio Lower Upper
173 100
175 49.1 39.0 58.4
254 12.1 5.5 8.3

Manual Integrations
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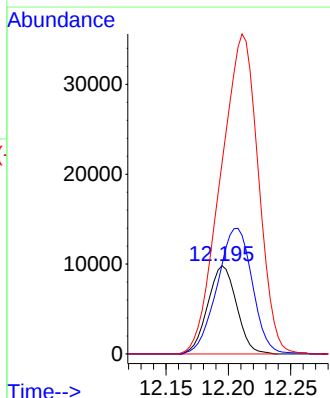
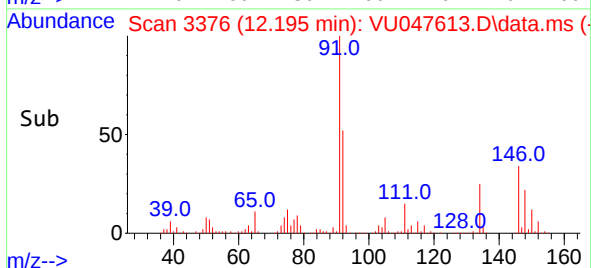
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

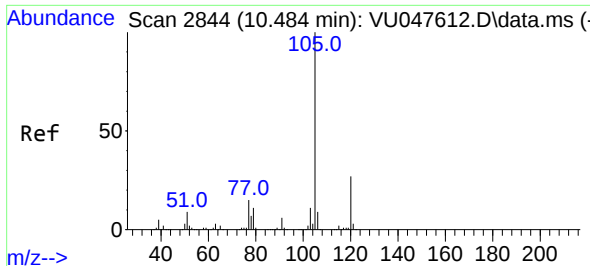


#68
1,2-Dichlorobenzene-d4
Concen: 1.195 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29



Tgt Ion:152 Resp: 15792
Ion Ratio Lower Upper
152 100
115 174.0 0.0 251.0
150 474.6 0.0 613.8





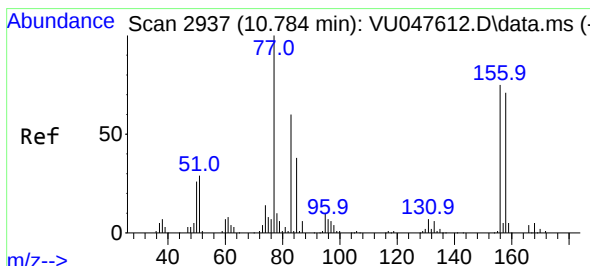
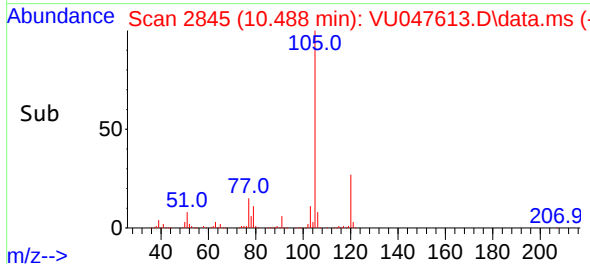
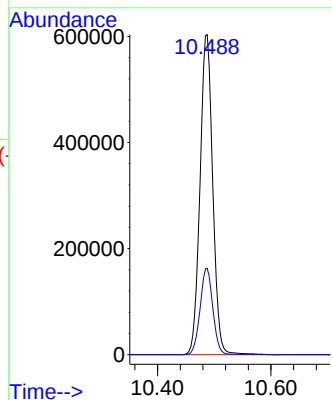
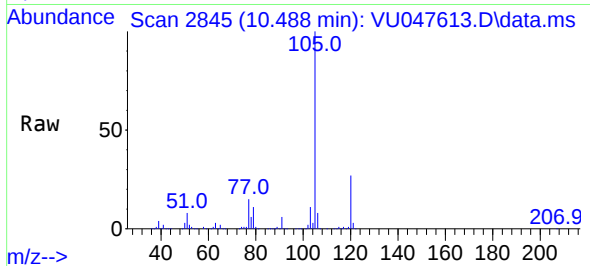
#69
Isopropylbenzene
Concen: 22.159 ug/l
RT: 10.488 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 939125
Ion Ratio Lower Upper
105 100
120 27.0 12.8 38.4

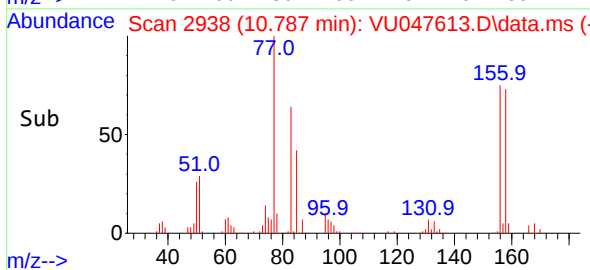
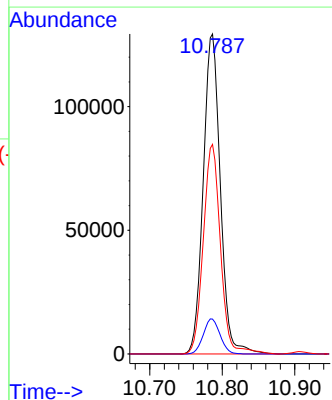
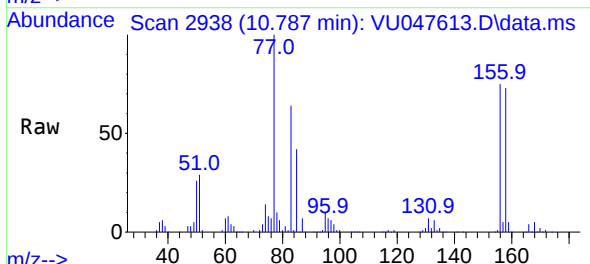
Manual Integrations
APPROVED

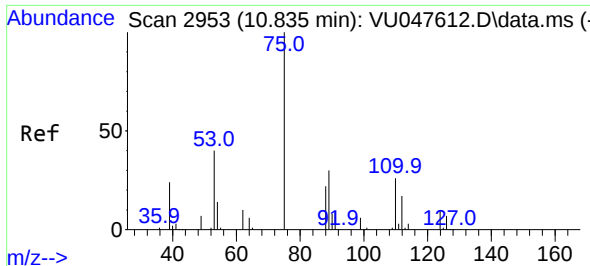
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 22.834 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

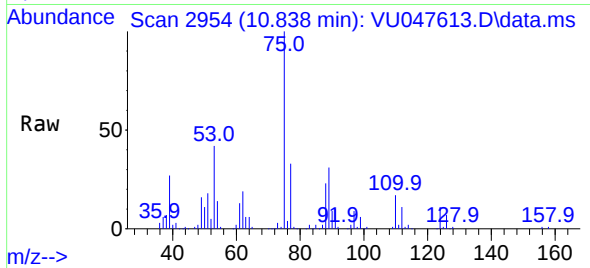
Tgt Ion: 83 Resp: 212186
Ion Ratio Lower Upper
83 100
131 10.7 7.6 11.4
85 65.9 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 21.362 ug/l m
RT: 10.838 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

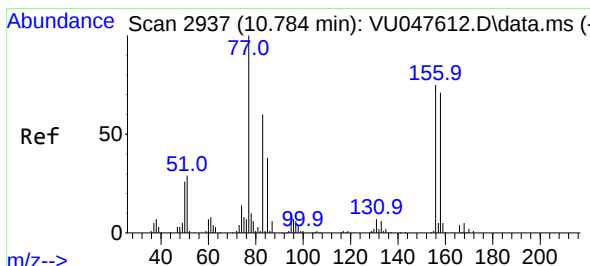
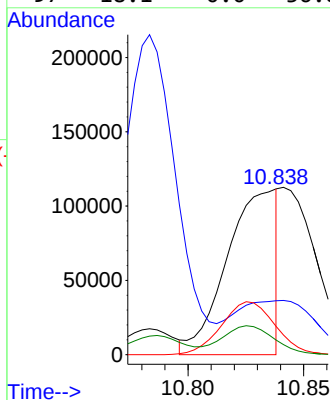
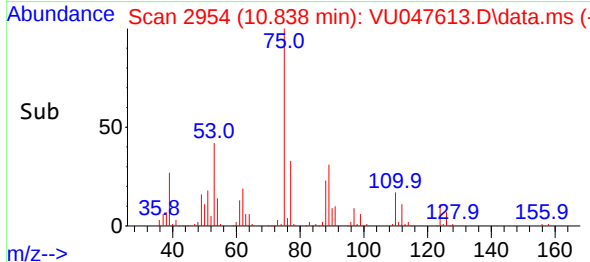
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



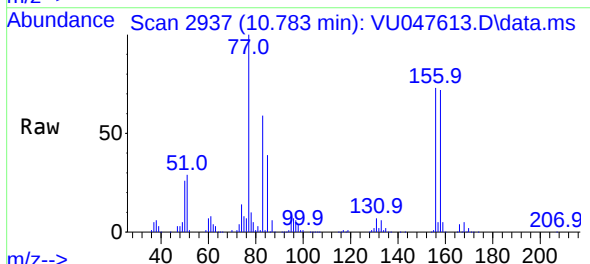
Tgt Ion: 75 Resp: 167528
Ion Ratio Lower Upper
75 100
77 53.3 0.0 105.6
110 34.6 0.0 71.2
97 18.1 0.0 36.8

Manual Integrations
APPROVED

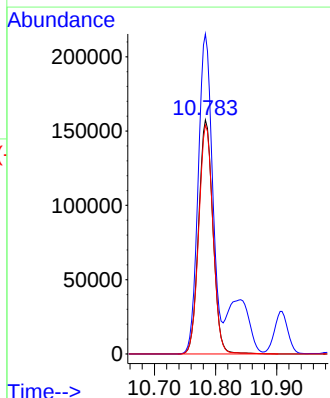
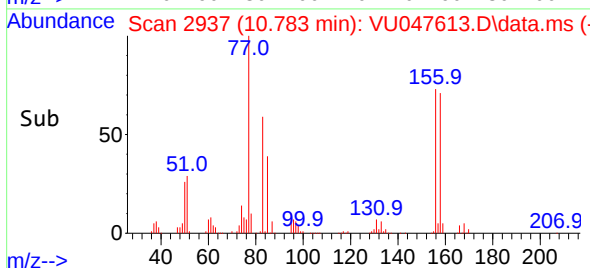
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

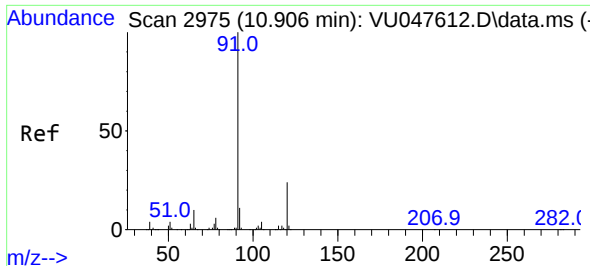


#72
Bromobenzene
Concen: 24.684 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29



Tgt Ion:156 Resp: 255486
Ion Ratio Lower Upper
156 100
77 137.1 0.0 370.6
158 97.6 0.0 193.4





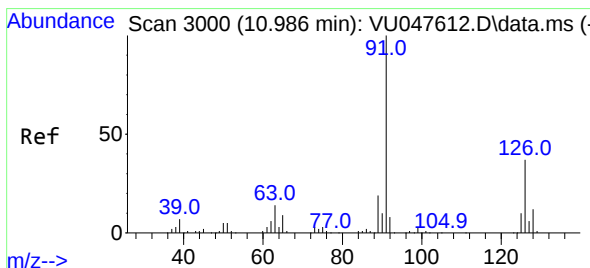
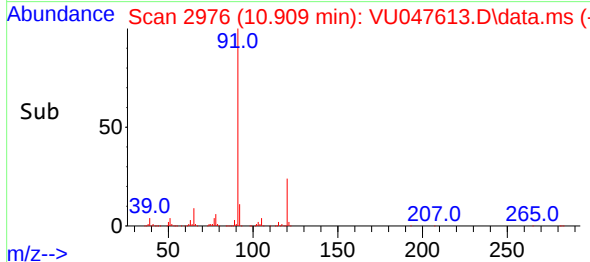
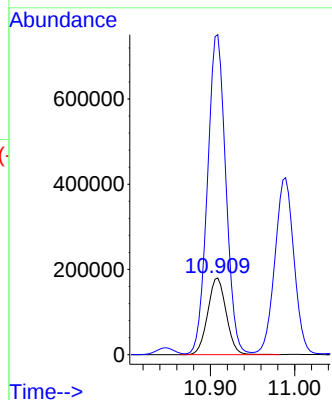
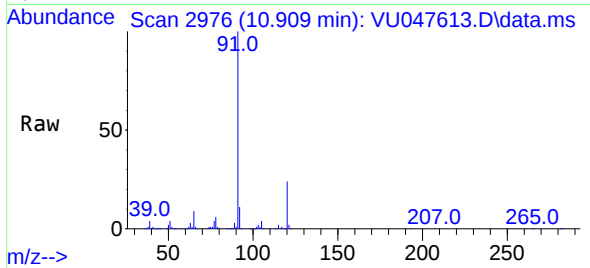
#73
n-propylbenzene
Concen: 23.597 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion:120 Resp: 275317
Ion Ratio Lower Upper
120 100
91 415.1 370.7 556.1

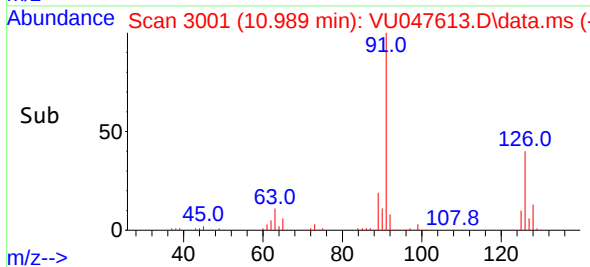
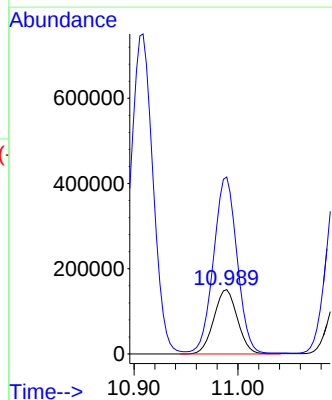
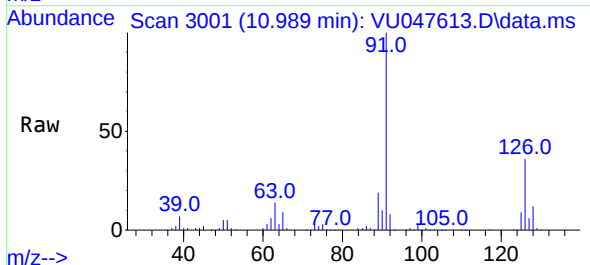
Manual Integrations
APPROVED

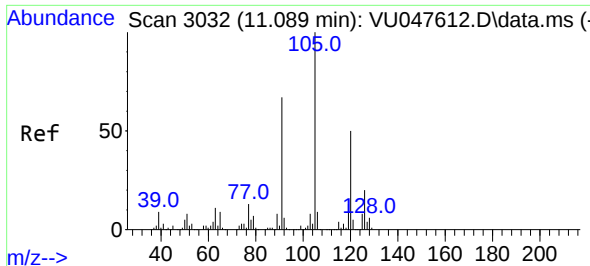
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#74
2-Chlorotoluene
Concen: 23.925 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Tgt Ion:126 Resp: 237969
Ion Ratio Lower Upper
126 100
91 276.8 0.0 639.6





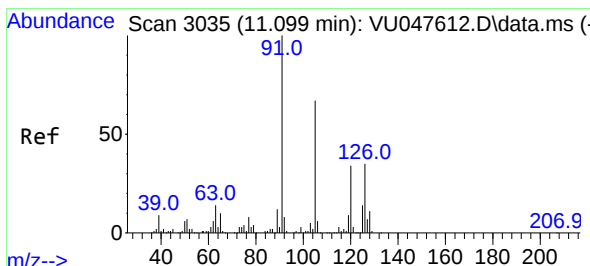
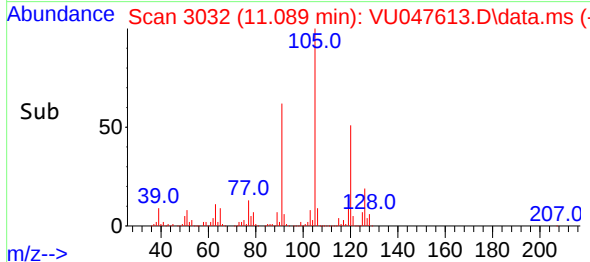
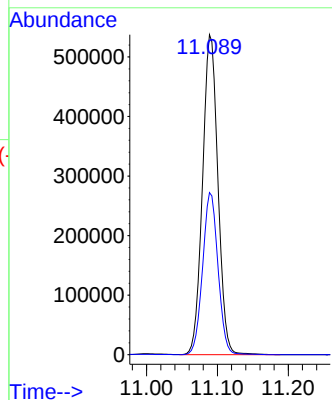
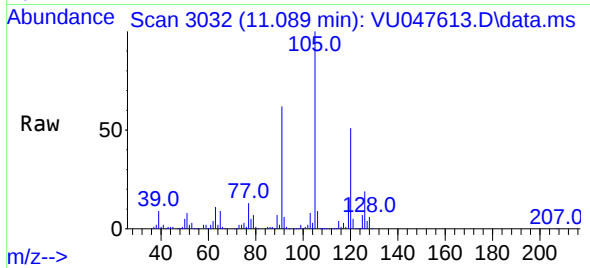
#75
1,3,5-Trimethylbenzene
Concen: 23.349 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 811534
Ion Ratio Lower Upper
105 100
120 50.6 38.6 58.0

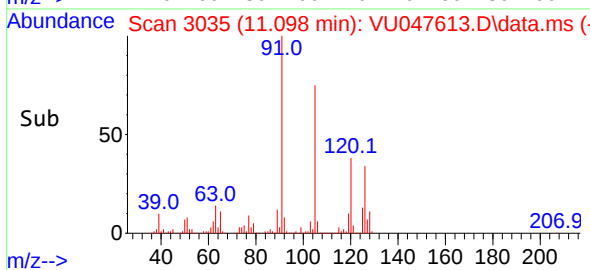
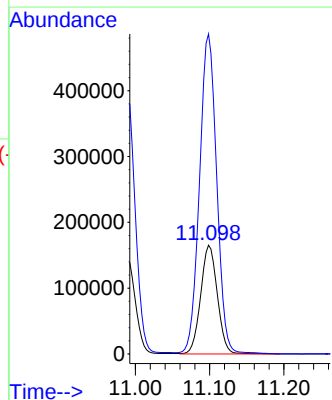
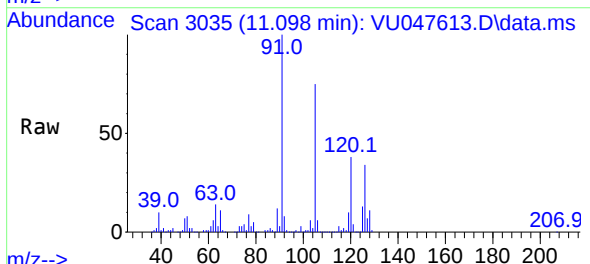
Manual Integrations
APPROVED

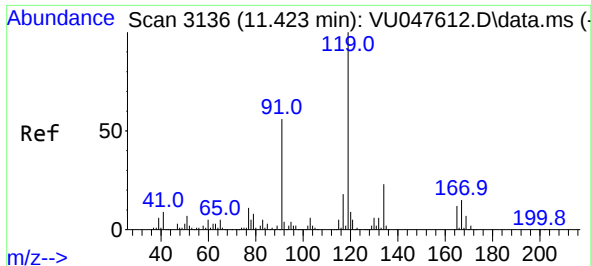
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#76
4-Chlorotoluene
Concen: 24.642 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Tgt Ion:126 Resp: 257505
Ion Ratio Lower Upper
126 100
91 304.4 0.0 728.0





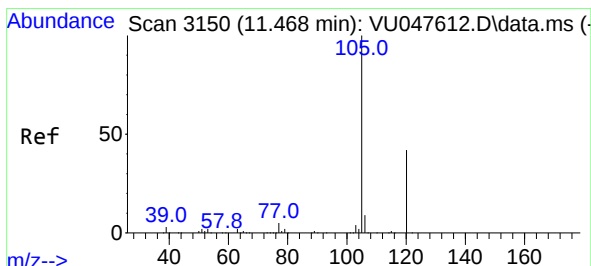
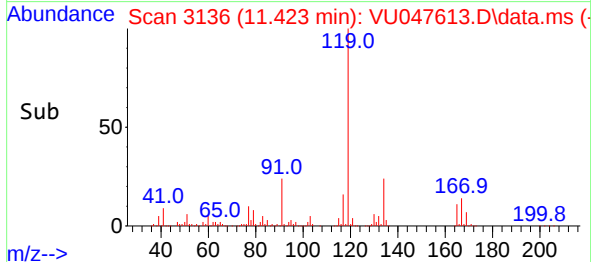
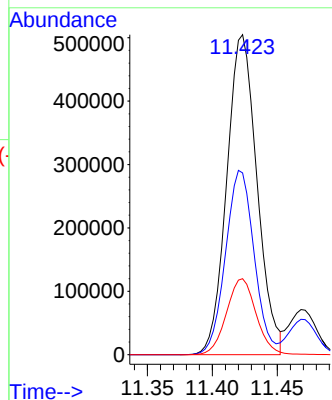
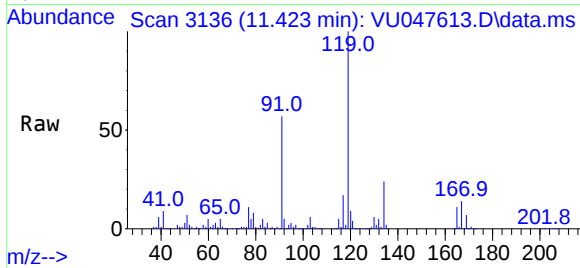
#77
tert-Butylbenzene
Concen: 23.492 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 819295
Ion Ratio Lower Upper
119 100
91 54.5 31.4 94.3
134 23.3 18.5 27.7

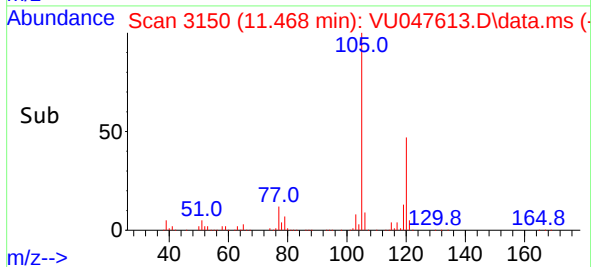
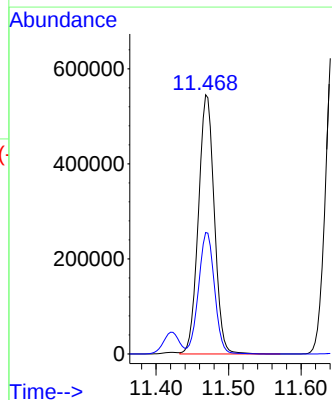
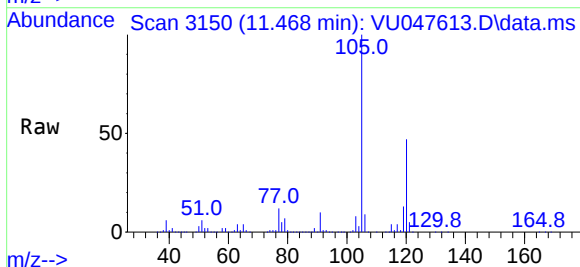
Manual Integrations
APPROVED

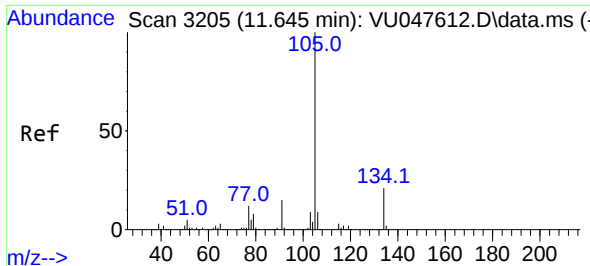
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#78
1,2,4-Trimethylbenzene
Concen: 23.404 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Tgt Ion:105 Resp: 830161
Ion Ratio Lower Upper
105 100
120 47.3 22.3 66.8





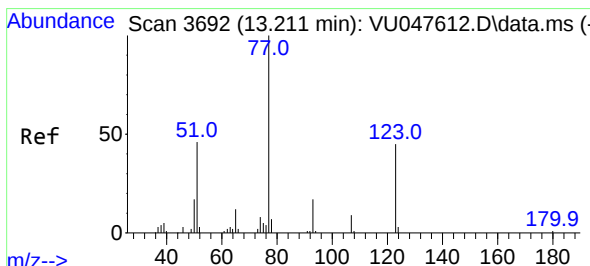
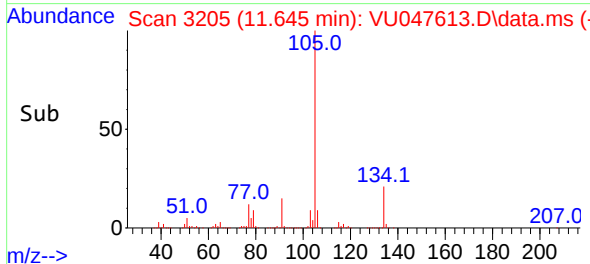
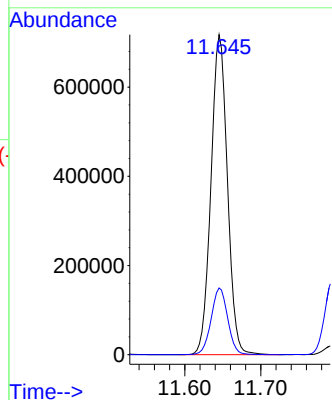
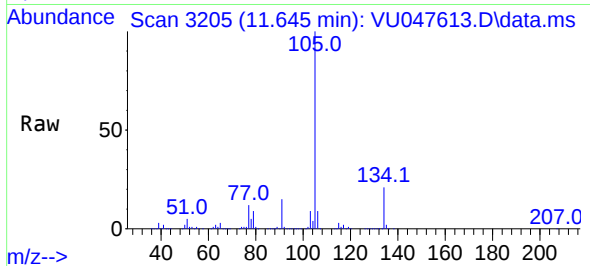
#79
sec-Butylbenzene
Concen: 23.197 ug/l
RT: 11.645 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 1074290
Ion Ratio Lower Upper
105 100
134 21.0 15.4 23.0

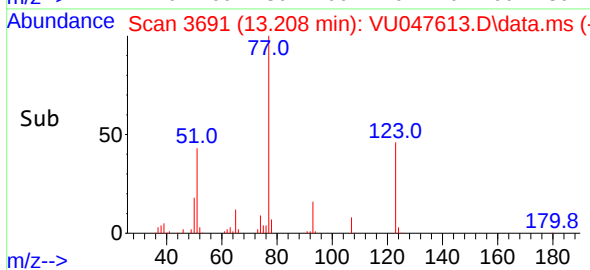
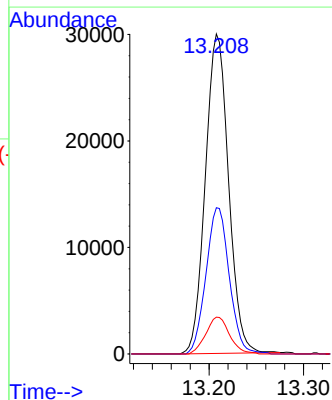
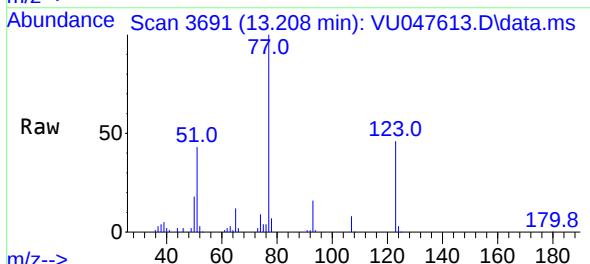
Manual Integrations
APPROVED

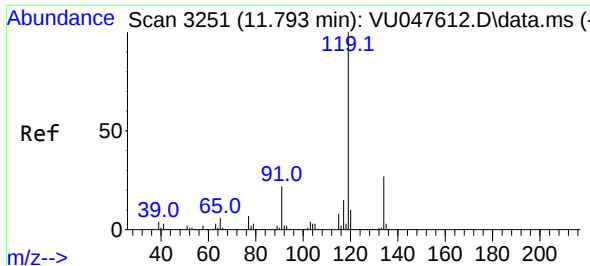
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#80
Nitrobenzene
Concen: 113.882 ug/l
RT: 13.208 min Scan# 3691
Delta R.T. -0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Tgt Ion: 77 Resp: 51092
Ion Ratio Lower Upper
77 100
123 46.0 18.2 64.4
65 11.8 12.0 15.2#





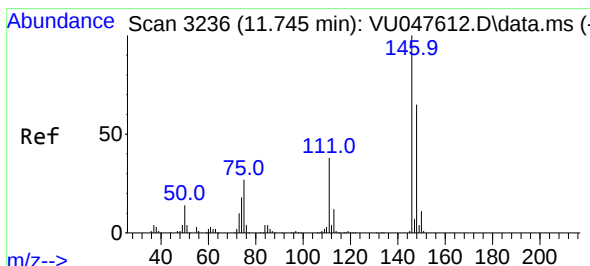
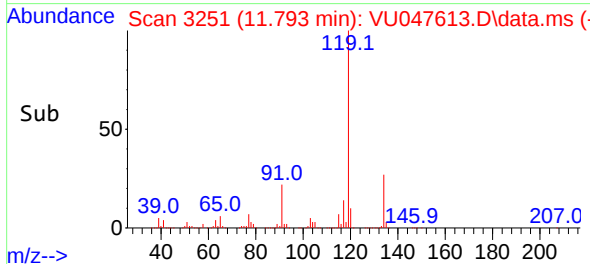
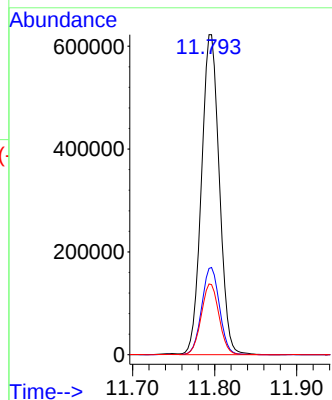
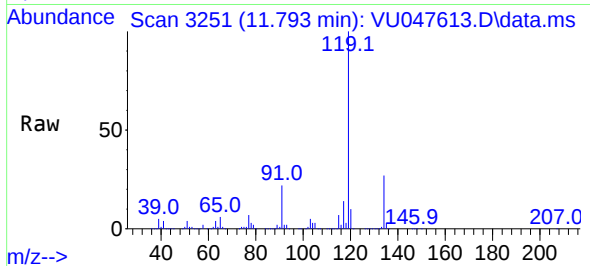
#81
p-Isopropyltoluene
Concen: 23.944 ug/l
RT: 11.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 93828
Ion Ratio Lower Upper
119 100
134 27.2 20.2 30.4
91 22.1 19.9 29.9

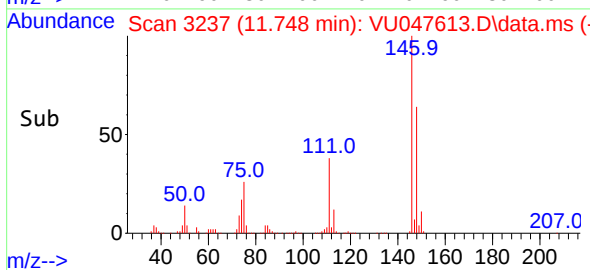
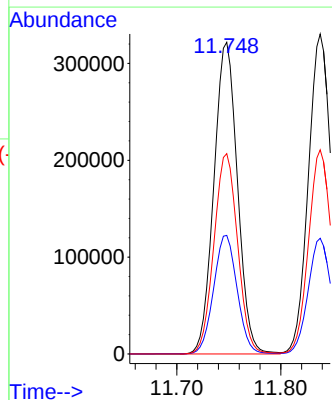
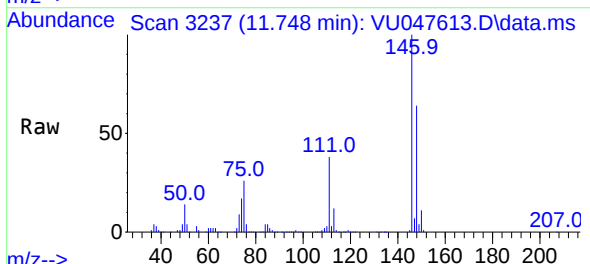
Manual Integrations
APPROVED

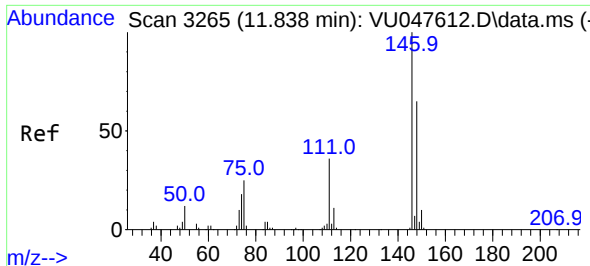
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#82
1,3-Dichlorobenzene
Concen: 25.242 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

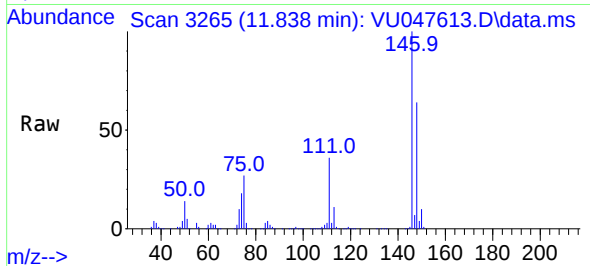
Tgt Ion:146 Resp: 508623
Ion Ratio Lower Upper
146 100
111 37.9 33.9 50.9
148 64.5 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 25.468 ug/l
RT: 11.838 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

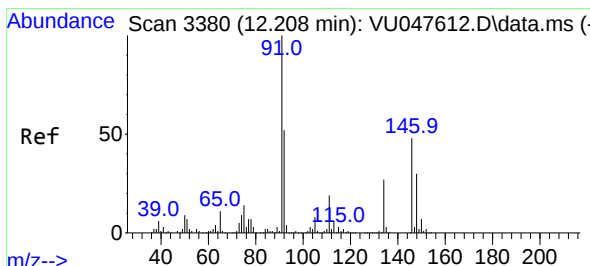
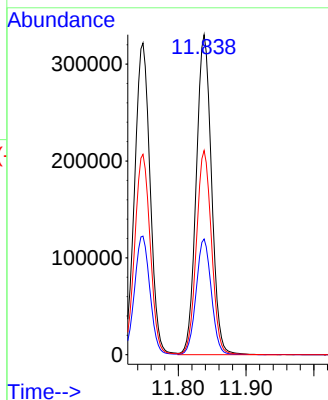
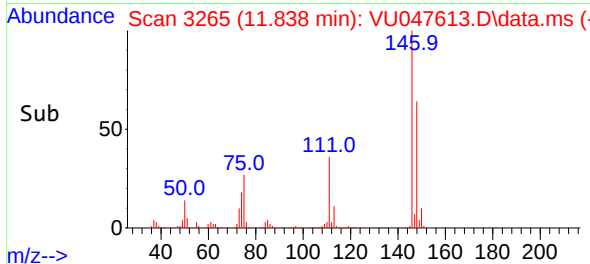
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



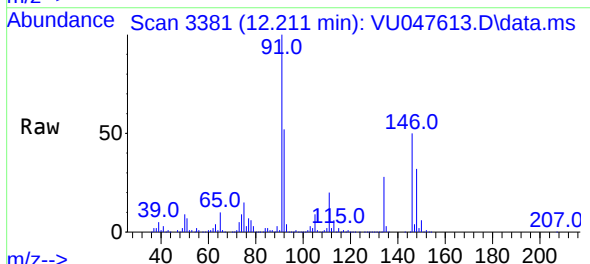
Tgt Ion:146 Resp: 516939
Ion Ratio Lower Upper
146 100
111 36.0 32.7 49.1
148 63.1 51.4 77.0

Manual Integrations
APPROVED

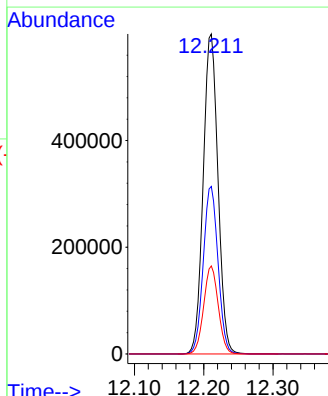
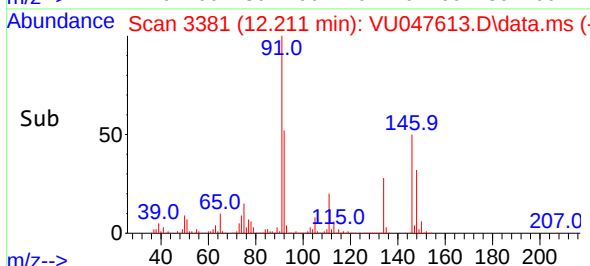
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

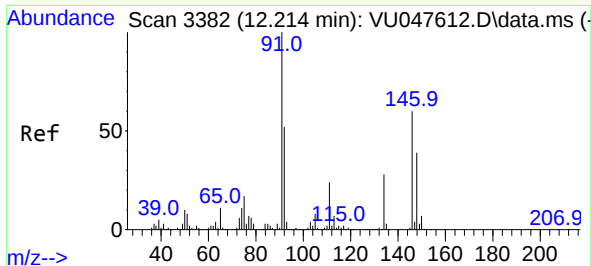


#84
n-Butylbenzene
Concen: 23.534 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29



Tgt Ion: 91 Resp: 885596
Ion Ratio Lower Upper
91 100
92 52.3 43.5 65.3
134 27.1 19.0 28.4





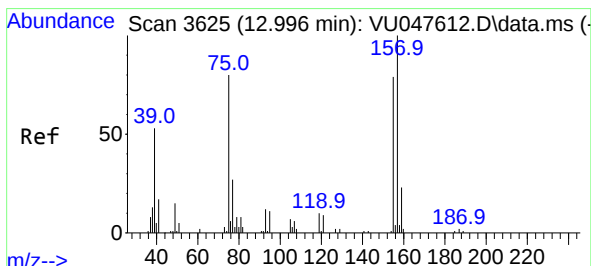
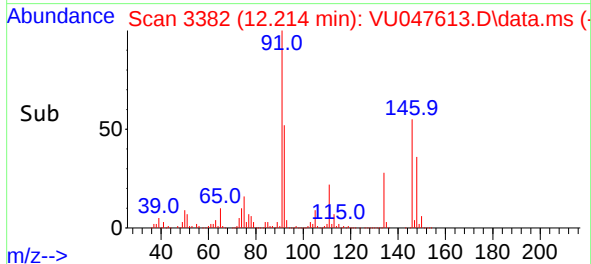
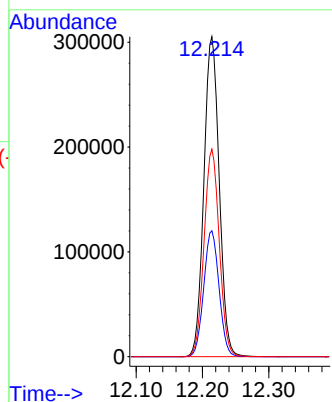
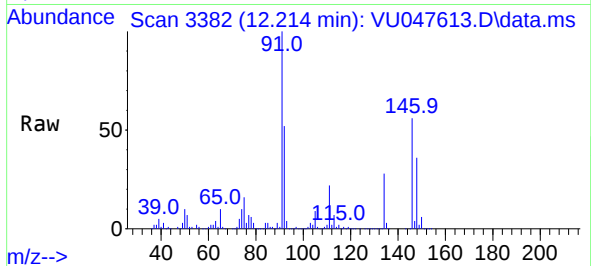
#85
1,2-Dichlorobenzene
Concen: 25.279 ug/l
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 490297
Ion Ratio Lower Upper
146 100
111 39.3 22.1 66.1
148 64.6 31.6 94.7

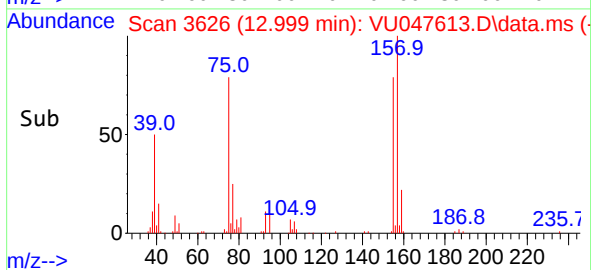
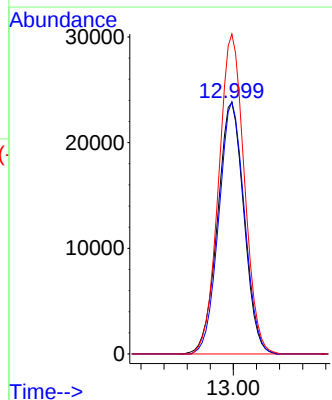
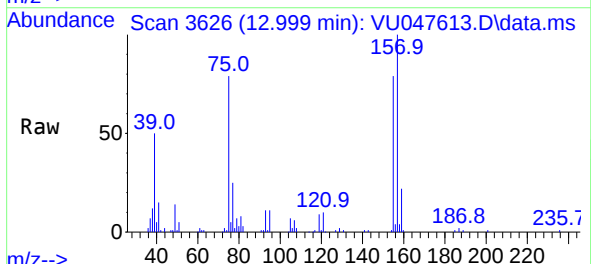
Manual Integrations
APPROVED

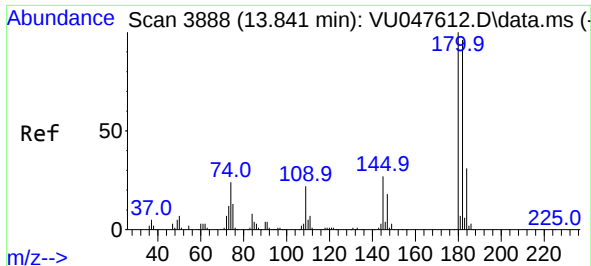
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 22.072 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

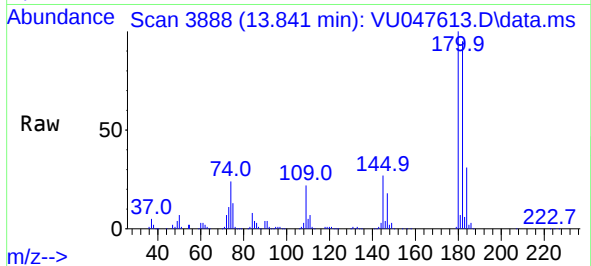
Tgt Ion: 75 Resp: 37607
Ion Ratio Lower Upper
75 100
155 97.7 57.8 86.8#
157 124.3 75.1 112.7#





#87
1,2,4-Trichlorobenzene
Concen: 25.349 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

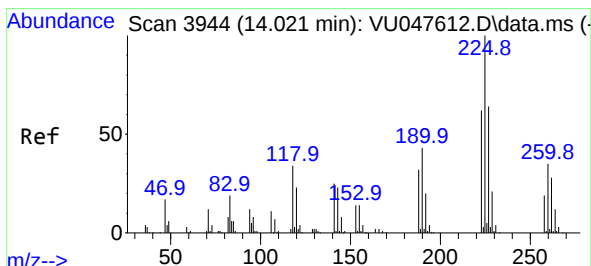
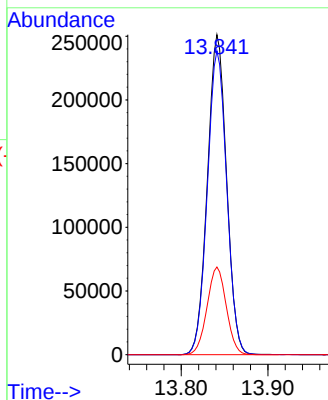
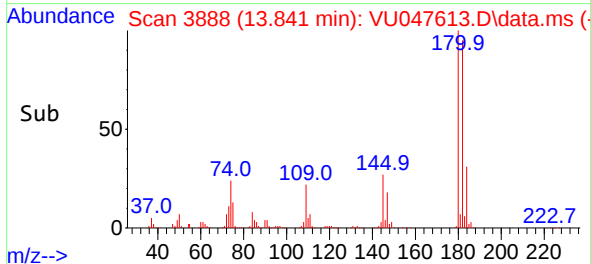
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



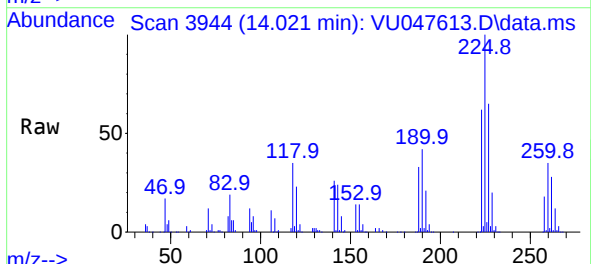
Tgt Ion:180 Resp: 386040
Ion Ratio Lower Upper
180 100
182 96.0 75.8 113.8
145 27.5 25.3 37.9

Manual Integrations
APPROVED

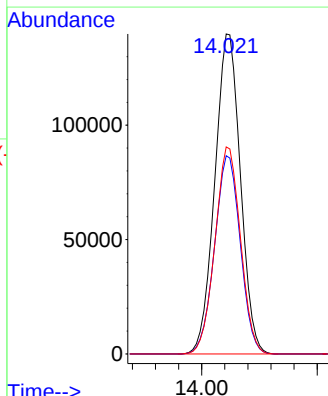
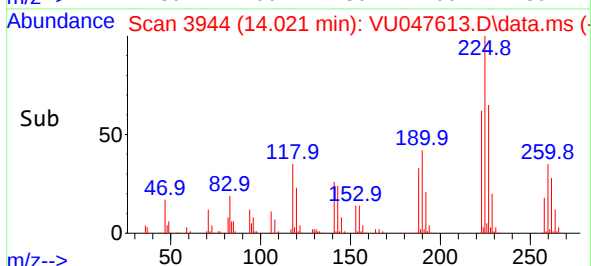
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

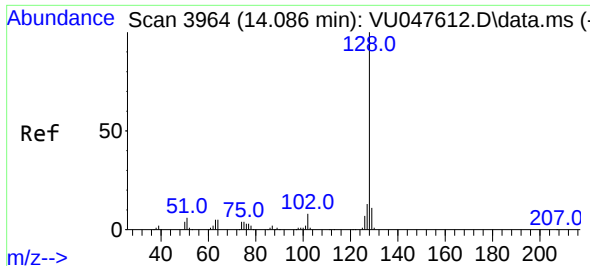


#88
Hexachlorobutadiene
Concen: 27.626 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29



Tgt Ion:225 Resp: 215099
Ion Ratio Lower Upper
225 100
223 62.2 51.1 76.7
227 64.4 49.9 74.9





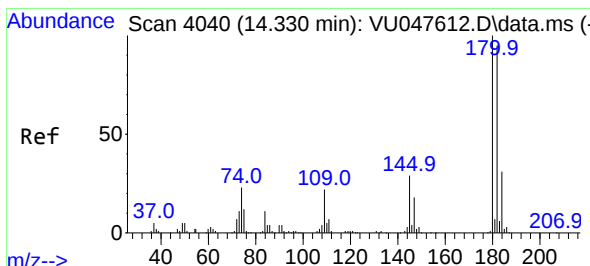
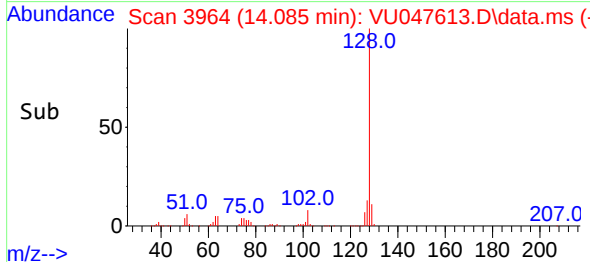
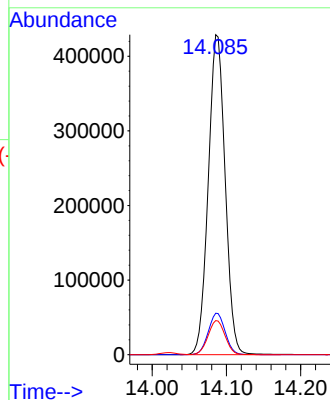
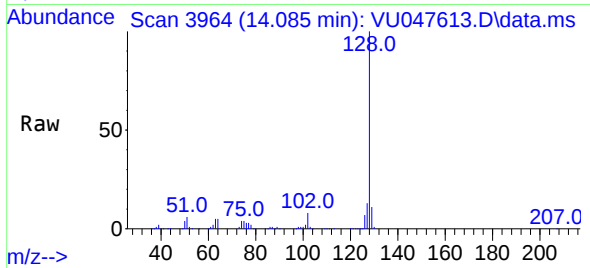
#89
Naphthalene
Concen: 21.668 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 67591
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#90
1,2,3-Trichlorobenzene
Concen: 25.866 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047613.D
Acq: 18 Mar 2022 12:29

Tgt Ion:180 Resp: 353329
Ion Ratio Lower Upper
180 100
182 96.2 75.4 113.0
145 29.1 27.0 40.4

