

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032122\
 Data File : VU047624.D
 Acq On : 21 Mar 2022 09:47
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Mar 22 01:46:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031822DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Mar 18 13:19:37 2022
 Response via : Initial Calibration

03/22/2022
 Supervised By :Mahesh
 Dadoda

04/01/2022

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

Internal Standards						
1) Fluorobenzene	6.118	96	31313	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	13517	1.158	ug/l	0.00
Spiked Amount	1.000		Recovery	=	116.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	14877	1.051	ug/l	0.00
Spiked Amount	1.000		Recovery	=	105.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	116725	10.319	ug/l	99
3) Chloromethane	1.526	50	112349	10.165	ug/l	100
4) Vinyl Chloride	1.607	62	106109	9.892	ug/l	100
5) Bromomethane	1.864	94	60298	9.585	ug/l	98
6) Chloroethane	1.938	64	64814	10.107	ug/l	98
7) Trichlorofluoromethane	2.144	101	150583	10.155	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	87211	10.292	ug/l	88
9) 1,1-Dichloroethene	2.588	96	85115	10.164	ug/l	88
10) Iodomethane	2.729	142	55632	12.268	ug/l	100
11) Allyl Chloride	2.928	41	106381	10.102	ug/l	98
12) Acrylonitrile	3.327	53	40546	21.941	ug/l	94
13) Acetone	2.649	43	67668	53.838	ug/l	95
14) Carbon Disulfide	2.800	76	264803	10.007	ug/l	100
15) Methylene Chloride	3.051	84	94537	9.829	ug/l	93
16) trans-1,2-Dichloroethene	3.356	96	90721	10.303	ug/l	91
17) 1,1-Dichloroethane	3.874	63	153085	10.243	ug/l	100
18) 2-Butanone	4.723	43	116288	59.405	ug/l	99
19) Cyclohexane	5.391	56	121656m	10.851	ug/l	
20) Methylcyclohexane	6.767	83	143952	11.192	ug/l	94
21) 2,2-Dichloropropane	4.671	77	140079	10.663	ug/l	95
22) cis-1,2-Dichloroethene	4.671	96	100430	10.502	ug/l	89
23) Diethyl Ether	2.382	59	62199	10.166	ug/l	94
24) tert-Butyl Alcohol	3.263	59	46051	109.129	ug/l #	88
25) Methyl tert-Butyl Ether	3.372	73	218102	10.699	ug/l	96
26) Bromochloromethane	4.980	128	50585	10.457	ug/l	80
27) Chloroform	5.095	83	165422	10.242	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	145676	10.385	ug/l	96
29) 1,1-Dichloropropene	5.530	75	122141	10.743	ug/l	95
30) Carbon Tetrachloride	5.530	117	131793	10.544	ug/l	99
31) Isopropyl Ether	4.002	45	210162	10.592	ug/l	95
32) Ethyl-t-butyl ether	4.510	59	217597	10.865	ug/l	94
33) Tert-Amyl methyl ether	5.948	73	212190	11.271	ug/l	98
34) Propionitrile	4.800	54	35102	61.704	ug/l #	92
35) Benzene	5.777	78	355920	10.464	ug/l	99
36) 1,2-Dichloroethane	5.800	62	107476	10.445	ug/l	99
37) Trichloroethene	6.546	130	103889	10.571	ug/l	88
38) 1,2-Dichloropropane	6.796	63	90385	10.318	ug/l	98
39) Methacrylonitrile	4.983	41	27331	11.145	ug/l	95
40) Methyl acrylate	4.854	55	45102	10.883	ug/l #	92
41) Tetrahydrofuran	5.073	42	27478	22.081	ug/l	96
42) 1-Chlorobutane	5.462	56	155692	10.626	ug/l	98
43) Dibromomethane	6.922	93	55315	10.537	ug/l #	85
44) Bromodichloromethane	7.111	83	127314	10.454	ug/l #	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032122\
 Data File : VU047624.D
 Acq On : 21 Mar 2022 09:47
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

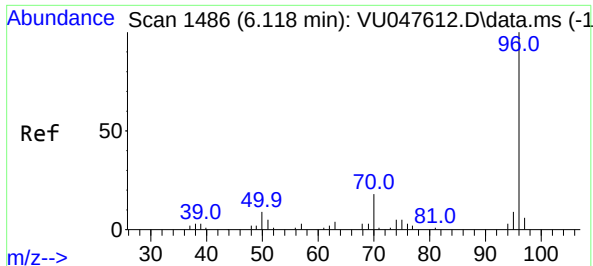
Reviewed By :John
 Carlone

03/22/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Mar 22 01:46:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031822DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Mar 18 13:19:37 2022
 Response via : Initial Calibration

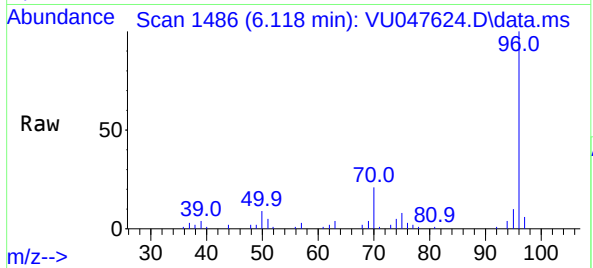
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	302503	57.642	ug/l	97
46) t-1,4-Dichloro-2-butene	10.841	75	45953m	20.159	ug/l	
47) Methyl methacrylate	6.967	69	100744	23.725	ug/l	88
48) Ethyl methacrylate	8.336	69	94902	11.860	ug/l	89
49) Toluene	7.973	92	231179	11.060	ug/l	97
50) t-1,3-Dichloropropene	8.214	75	124173	11.005	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	136039	10.952	ug/l	94
52) 1,1,2-Trichloroethane	8.404	97	78560	10.754	ug/l	99
53) 1,3-Dichloropropane	8.578	76	128090	10.771	ug/l	100
54) 2-Hexanone	8.690	43	221001	57.677	ug/l	98
55) Dibromochloromethane	8.812	129	99246	10.757	ug/l	99
56) 1,2-Dibromoethane	8.928	107	77722	10.687	ug/l	98
58) Tetrachloroethene	8.555	164	95104	10.496	ug/l	94
59) Chlorobenzene	9.449	112	261011	10.713	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	99138	10.482	ug/l	99
61) Pentachloroethane	11.430	117	84634	10.574	ug/l #	82
62) Hexachloroethane	12.478	117	85835	10.802	ug/l #	68
63) Ethyl Benzene	9.571	91	436628	11.439	ug/l	97
64) m/p-Xylenes	9.697	106	352735	23.295	ug/l	94
65) o-Xylene	10.102	106	166063	11.589	ug/l	95
66) Styrene	10.115	104	291594	11.799	ug/l	95
67) Bromoform	10.295	173	69084	11.250	ug/l #	98
69) Isopropylbenzene	10.488	105	441323	11.632	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.783	83	105525	10.847	ug/l	99
71) 1,2,3-Trichloropropane	10.835	75	71426m	9.300	ug/l	
72) Bromobenzene	10.783	156	124436	10.940	ug/l	78
73) n-propylbenzene	10.909	120	130219	11.827	ug/l	83
74) 2-Chlorotoluene	10.989	126	115475	11.420	ug/l	79
75) 1,3,5-Trimethylbenzene	11.089	105	384993	10.201	ug/l	97
76) 4-Chlorotoluene	11.098	126	125492	11.663	ug/l	73
77) tert-Butylbenzene	11.423	119	384385	11.632	ug/l	92
78) 1,2,4-Trimethylbenzene	11.468	105	395849	10.253	ug/l	96
79) sec-Butylbenzene	11.645	105	504679	11.717	ug/l	96
80) Nitrobenzene	13.211	77	23641	59.505	ug/l #	93
81) p-Isopropyltoluene	11.793	119	442996	10.226	ug/l	96
82) 1,3-Dichlorobenzene	11.748	146	245602	10.930	ug/l	96
83) 1,4-Dichlorobenzene	11.838	146	250597	11.091	ug/l	97
84) n-Butylbenzene	12.211	91	408387	10.047	ug/l	96
85) 1,2-Dichlorobenzene	12.214	146	239708	11.104	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.999	75	18248	11.122	ug/l #	69
87) 1,2,4-Trichlorobenzene	13.841	180	175857	11.408	ug/l	97
88) Hexachlorobutadiene	14.021	225	101794	10.999	ug/l	98
89) Naphthalene	14.089	128	302834	11.565	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	166567	11.462	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 96 Resp: 3131

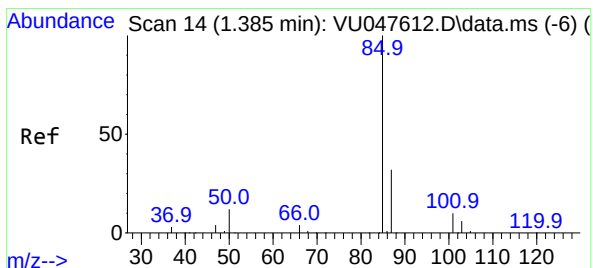
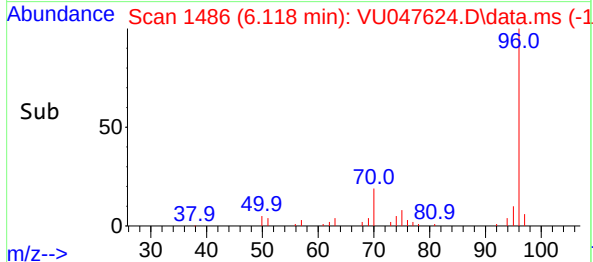
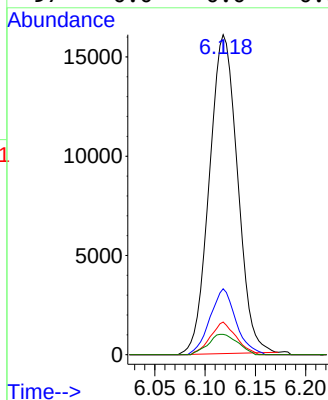
Ion	Ratio	Lower	Upper
96	100		
70	19.0	16.8	25.2
95	9.3	7.3	10.9
97	0.0	0.0	0.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

03/22/2022
Supervised By :Mahesh
Dadoda

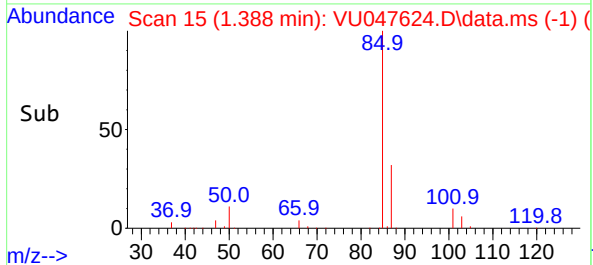
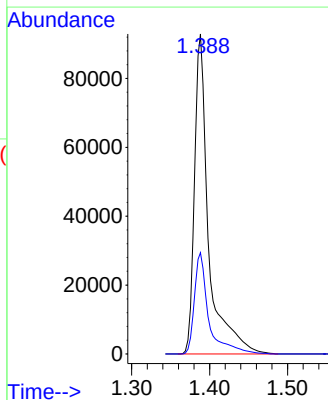
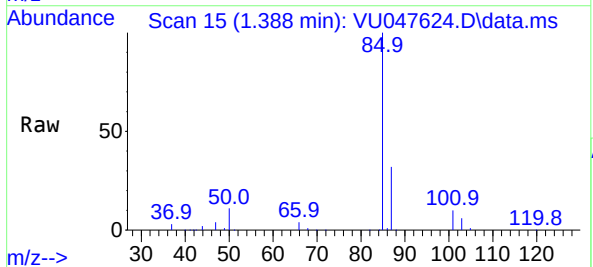
04/01/2022



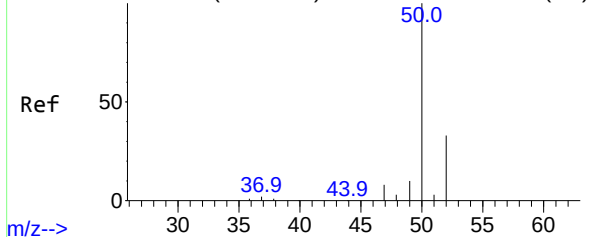
#2
Dichlorodifluoromethane
Concen: 10.319 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Tgt Ion: 85 Resp: 116725

Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.2	48.6



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



#3

Chloromethane

Concen: 10.165 ug/l

RT: 1.526 min Scan# 58

Delta R.T. -0.000 min

Lab File: VU047624.D

Acq: 21 Mar 2022 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 50 Resp: 112349

Ion Ratio Lower Upper

50 100

52 32.6 26.2 39.4

Manual Integrations

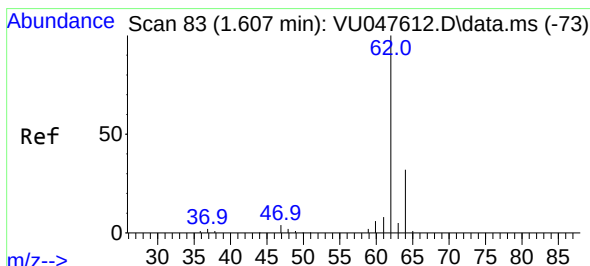
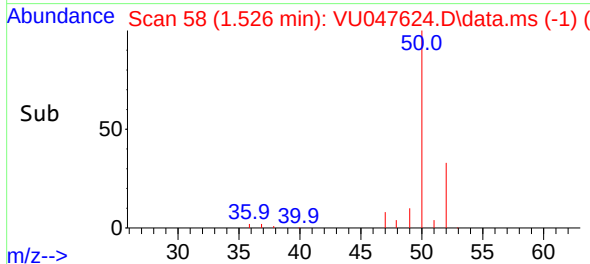
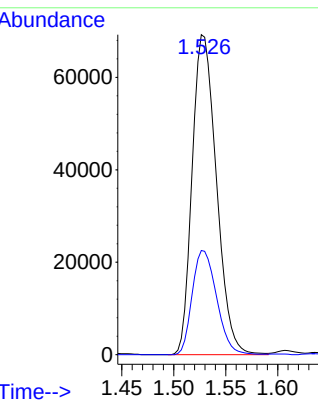
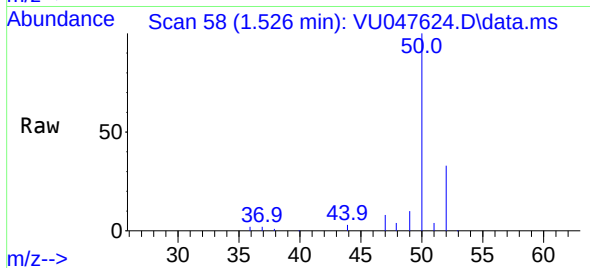
APPROVED

Reviewed By :John
Carlone

03/22/2022

Supervised By :Mahesh
Dadoda

04/01/2022



#4

Vinyl Chloride

Concen: 9.892 ug/l

RT: 1.607 min Scan# 83

Delta R.T. -0.000 min

Lab File: VU047624.D

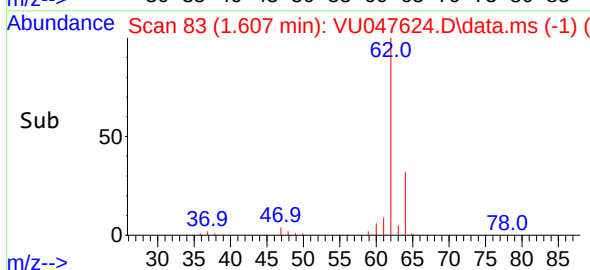
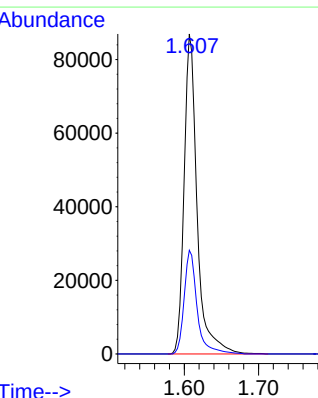
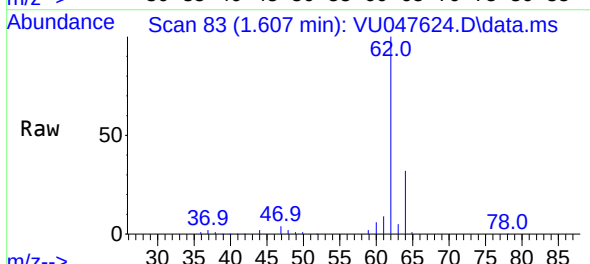
Acq: 21 Mar 2022 09:47

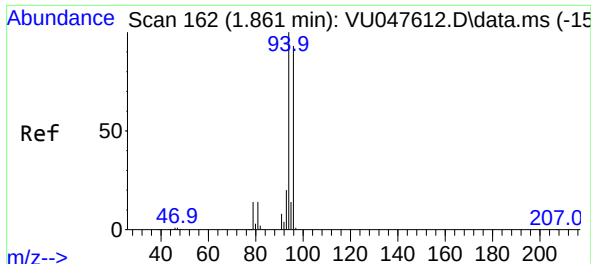
Tgt Ion: 62 Resp: 106109

Ion Ratio Lower Upper

62 100

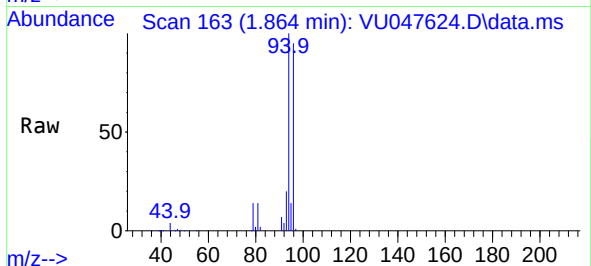
64 32.4 26.0 39.0





#5
Bromomethane
Concen: 9.585 ug/l
RT: 1.864 min Scan# 162
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



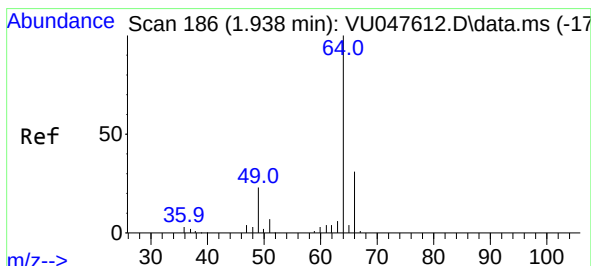
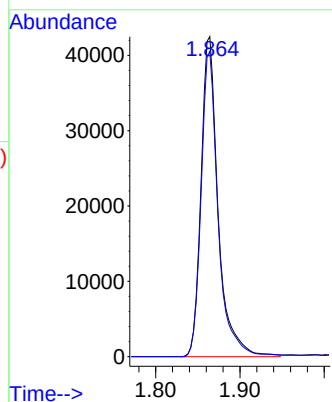
Tgt Ion: 94 Resp: 60298
Ion Ratio Lower Upper
94 100
96 95.4 75.0 112.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

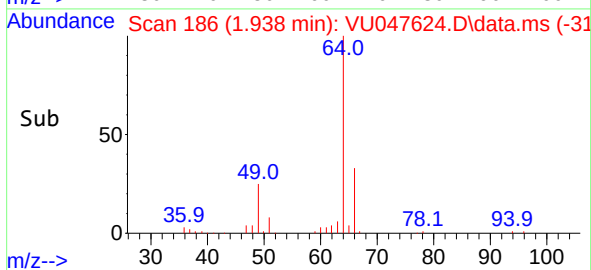
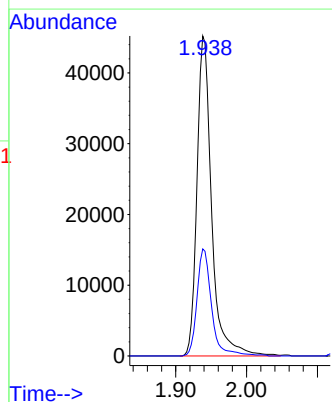
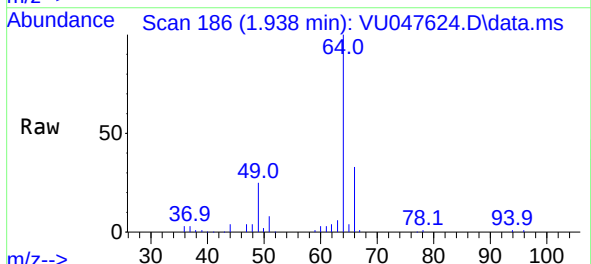
03/22/2022
Supervised By :Mahesh
Dadoda

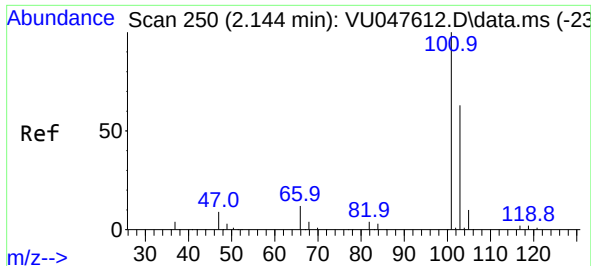
04/01/2022



#6
Chloroethane
Concen: 10.107 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

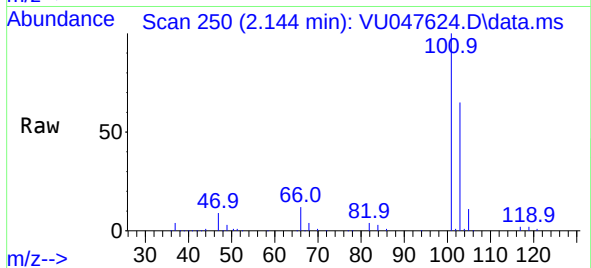
Tgt Ion: 64 Resp: 64814
Ion Ratio Lower Upper
64 100
66 33.5 25.8 38.8





#7
Trichlorofluoromethane
Concen: 10.155 ug/l
RT: 2.144 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



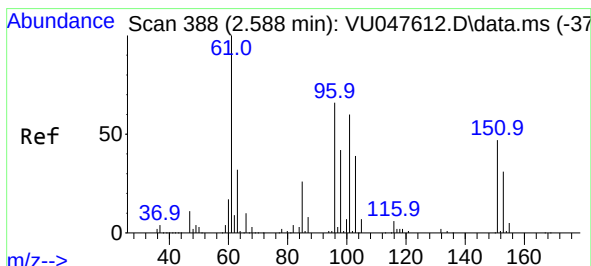
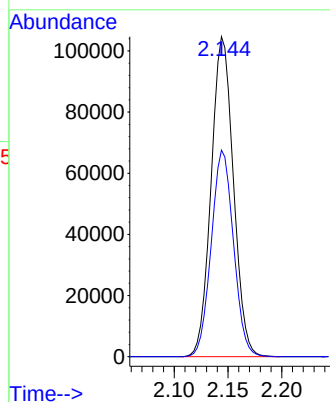
Tgt Ion:101 Resp: 15058
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.2

Manual Integrations
APPROVED

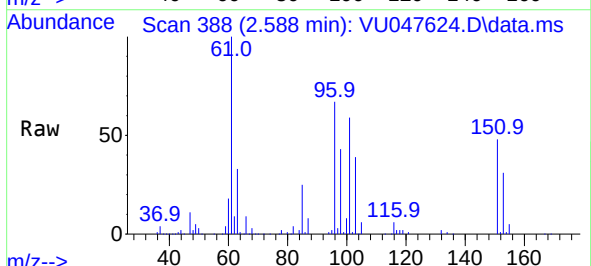
Reviewed By :John
Carlone

03/22/2022
Supervised By :Mahesh
Dadoda

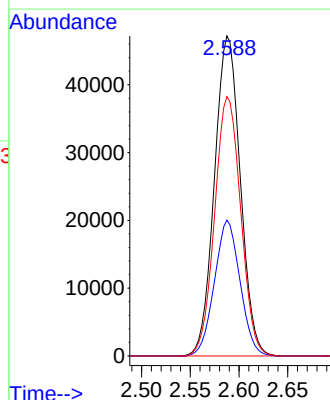
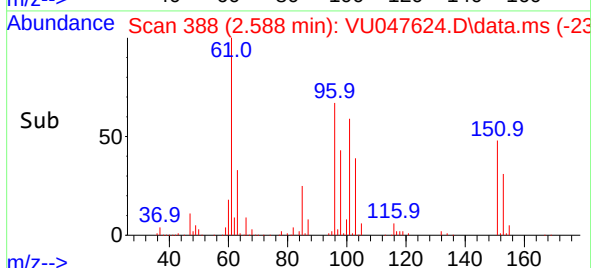
04/01/2022

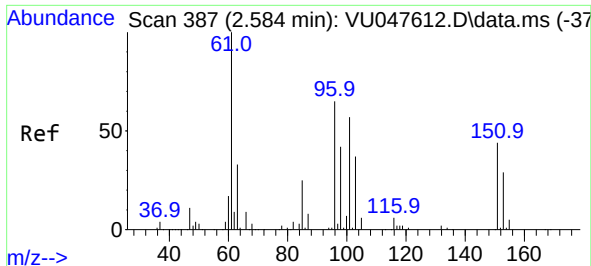


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.292 ug/l
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47



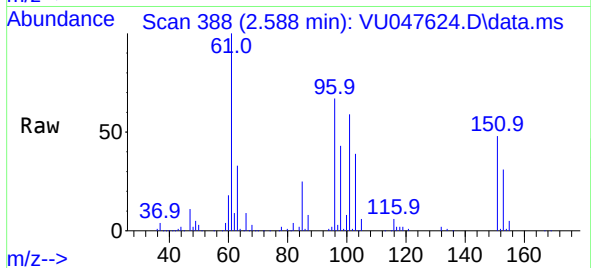
Tgt Ion:101 Resp: 87211
Ion Ratio Lower Upper
101 100
85 42.0 35.8 53.6
151 81.7 54.6 81.8





#9
1,1-Dichloroethene
Concen: 10.164 ug/l
RT: 2.588 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



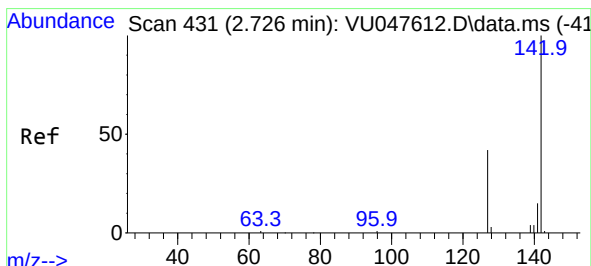
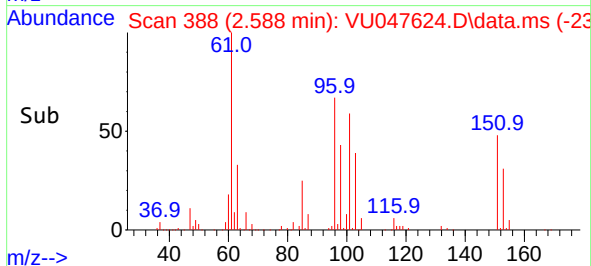
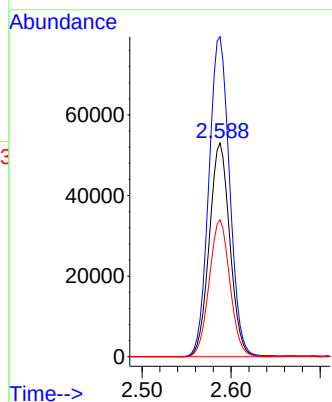
Tgt Ion: 96 Resp: 8511
Ion Ratio Lower Upper
96 100
61 149.8 0.0 514.2
98 64.1 0.0 126.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

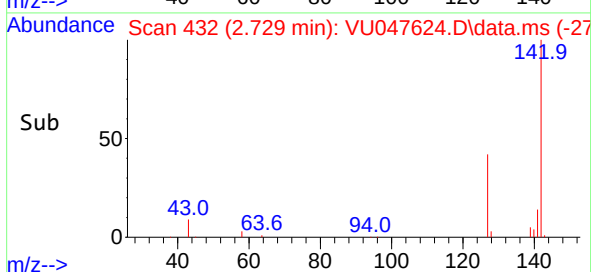
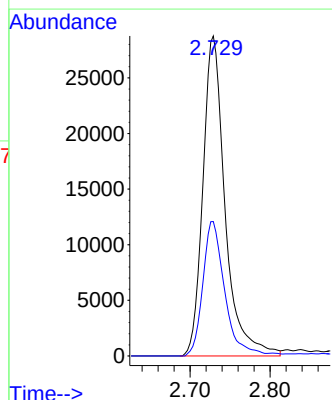
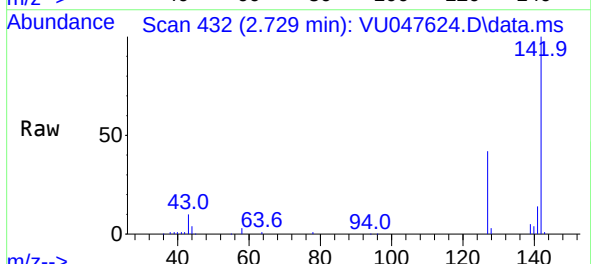
03/22/2022
Supervised By :Mahesh
Dadoda

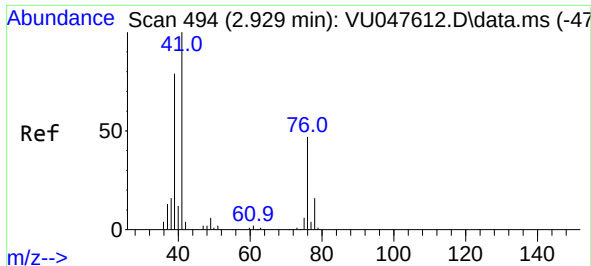
04/01/2022



#10
Iodomethane
Concen: 12.268 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Tgt Ion:142 Resp: 55632
Ion Ratio Lower Upper
142 100
127 41.3 33.2 49.8





#11

Allyl Chloride

Concen: 10.102 ug/l

RT: 2.928 min Scan# 494

Delta R.T. -0.000 min

Lab File: VU047624.D

Acq: 21 Mar 2022 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 10638

Ion Ratio Lower Upper

41 100

39 76.3 62.4 93.6

Manual Integrations

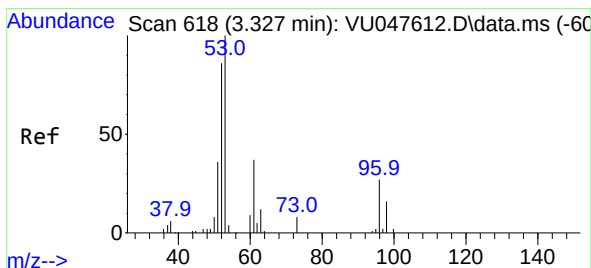
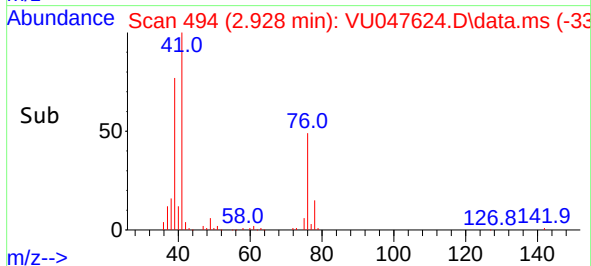
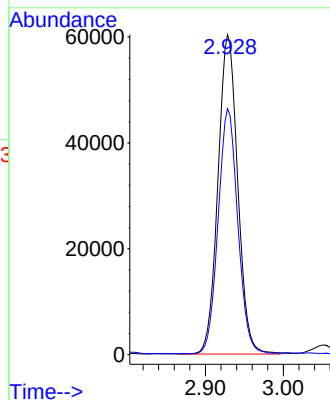
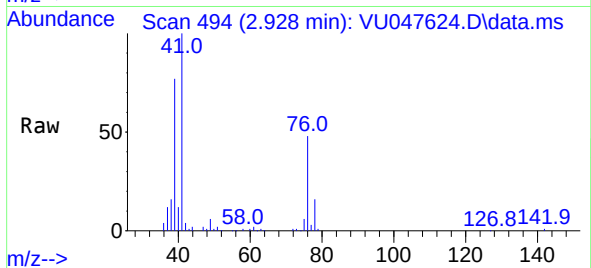
APPROVED

Reviewed By :John
Carlone

03/22/2022

Supervised By :Mahesh
Dadoda

04/01/2022



#12

Acrylonitrile

Concen: 21.941 ug/l

RT: 3.327 min Scan# 618

Delta R.T. -0.000 min

Lab File: VU047624.D

Acq: 21 Mar 2022 09:47

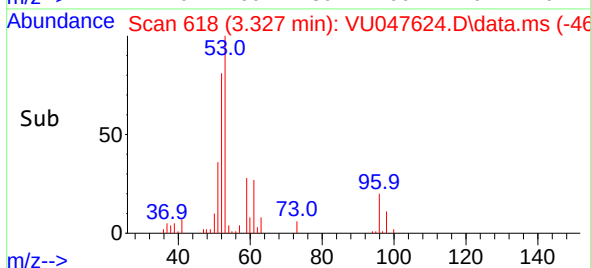
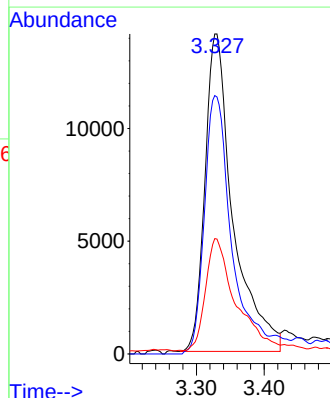
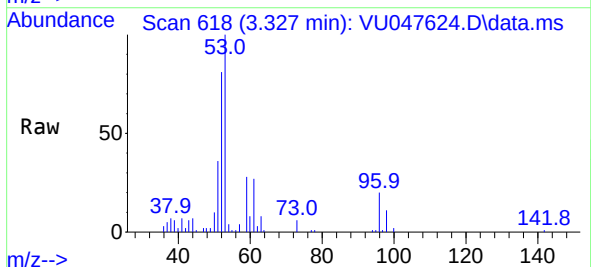
Tgt Ion: 53 Resp: 40546

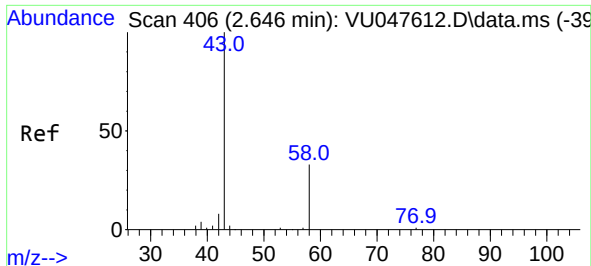
Ion Ratio Lower Upper

53 100

52 78.2 56.7 85.1

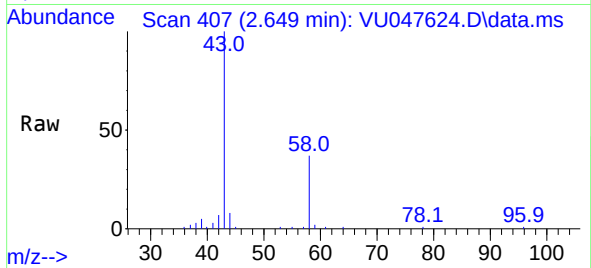
51 37.8 30.3 45.5





#13
Acetone
Concen: 53.838 ug/l
RT: 2.649 min Scan# 406
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



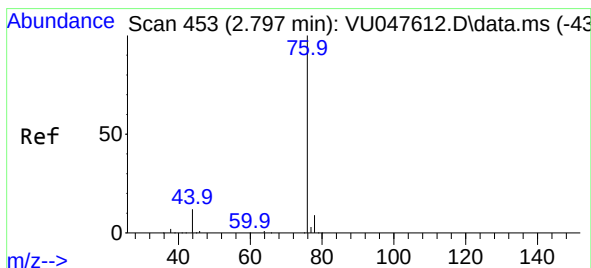
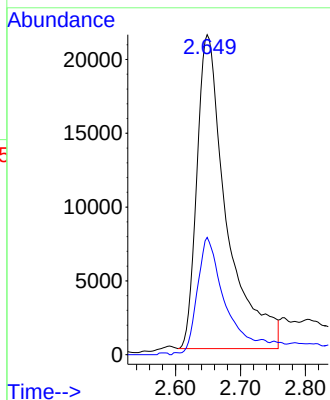
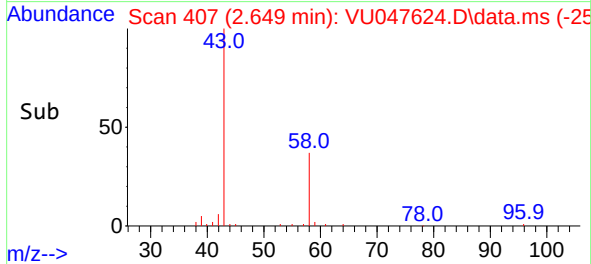
Tgt Ion: 43 Resp: 67668
Ion Ratio Lower Upper
43 100
58 36.8 27.1 40.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

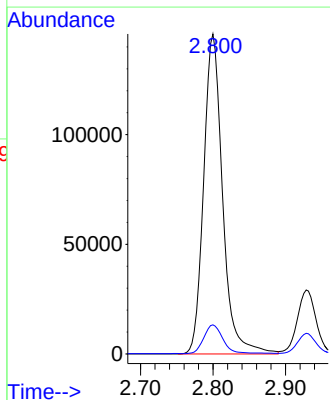
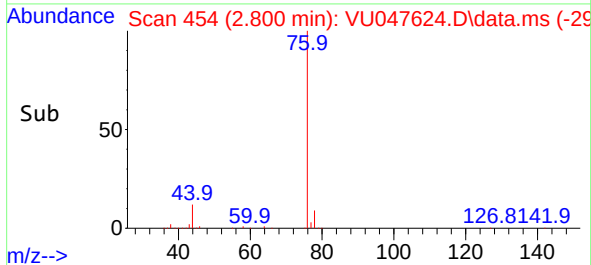
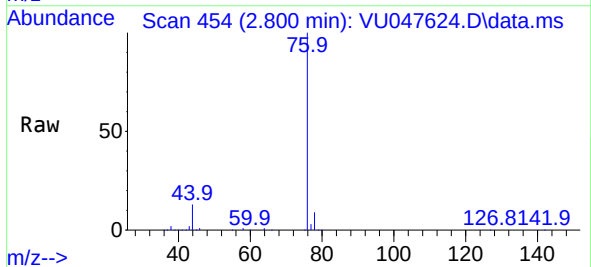
03/22/2022
Supervised By :Mahesh
Dadoda

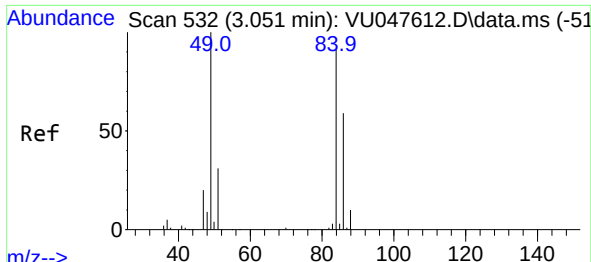
04/01/2022



#14
Carbon Disulfide
Concen: 10.007 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

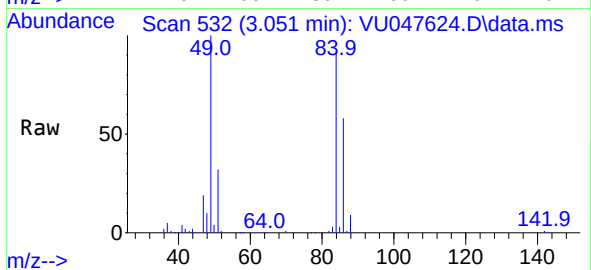
Tgt Ion: 76 Resp: 264803
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7





#15
Methylene Chloride
Concen: 9.829 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



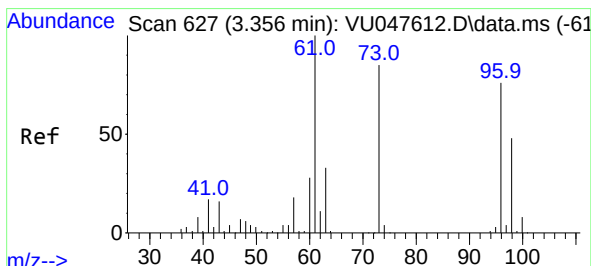
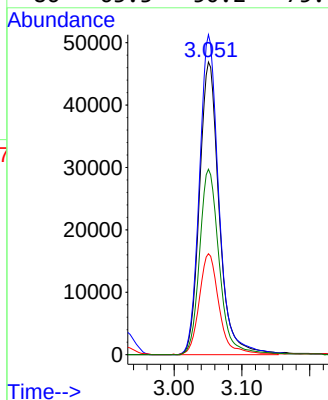
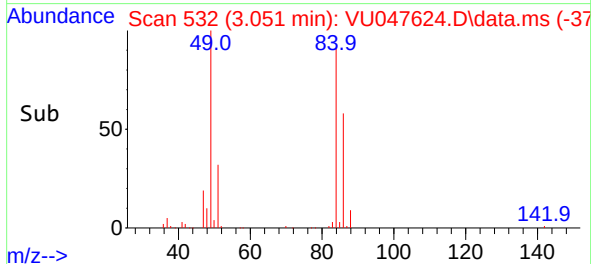
Tgt Ion: 84 Resp: 9453
Ion Ratio Lower Upper
84 100
49 109.3 97.2 145.8
51 34.5 0.0 73.4
86 63.3 50.2 75.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

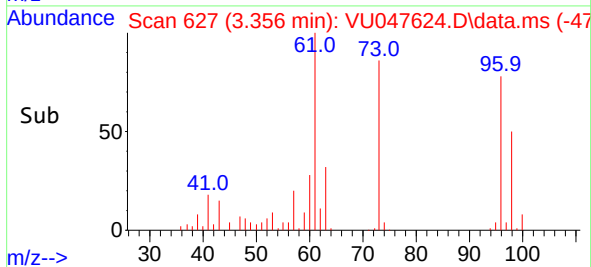
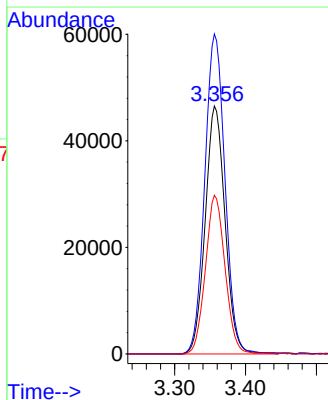
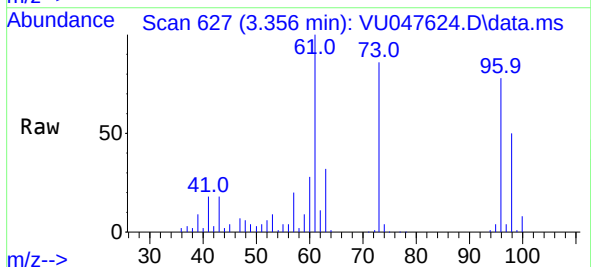
03/22/2022
Supervised By :Mahesh
Dadoda

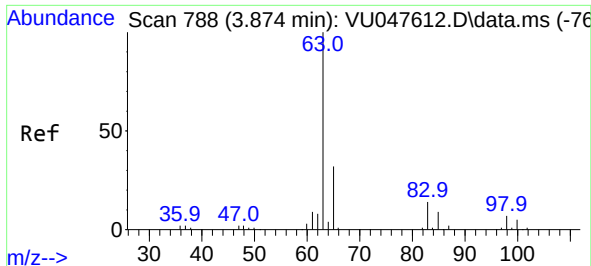
04/01/2022



#16
trans-1,2-Dichloroethene
Concen: 10.303 ug/l
RT: 3.356 min Scan# 627
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Tgt Ion: 96 Resp: 90721
Ion Ratio Lower Upper
96 100
61 129.0 115.8 173.6
98 64.0 51.1 76.7





#17
1,1-Dichloroethane
Concen: 10.243 ug/l
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

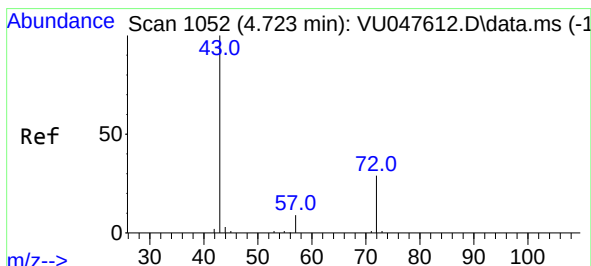
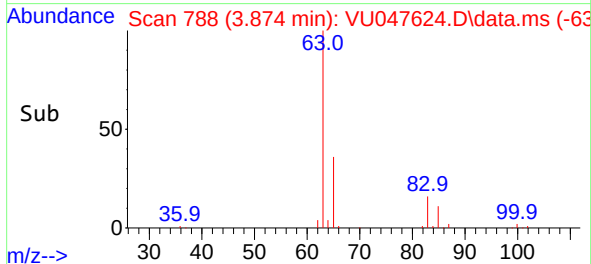
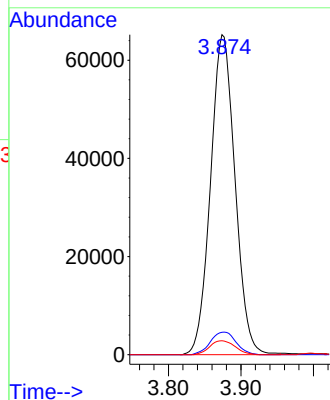
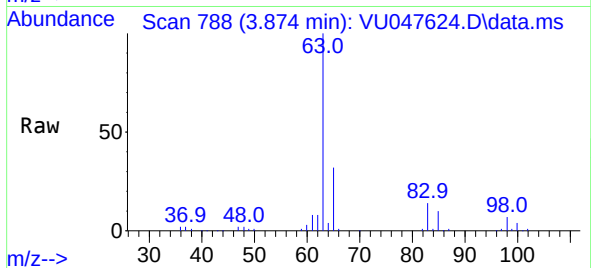
Tgt Ion: 63 Resp: 153085
Ion Ratio Lower Upper
63 100
98 7.0 3.6 10.8
100 4.3 2.1 6.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

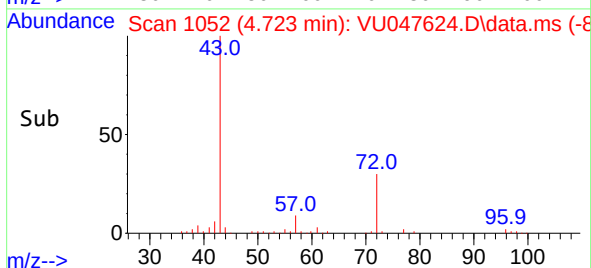
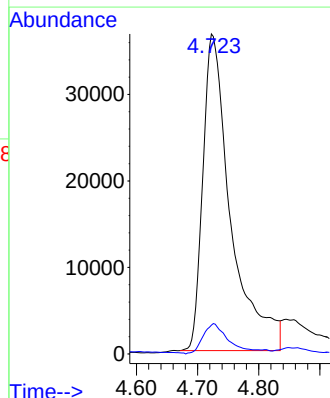
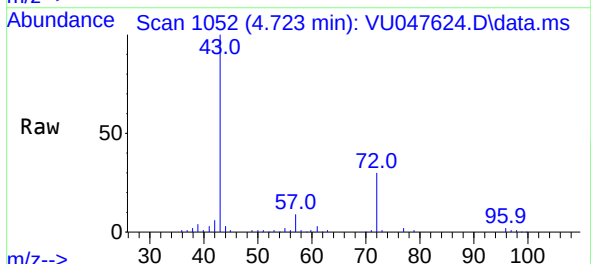
03/22/2022
Supervised By :Mahesh
Dadoda

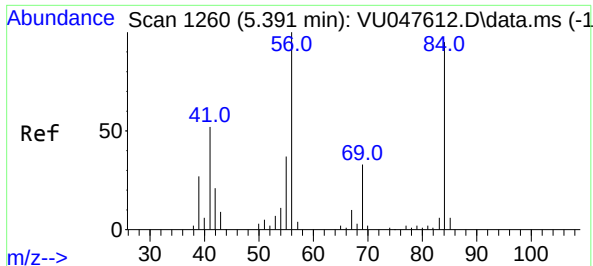
04/01/2022



#18
2-Butanone
Concen: 59.405 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Tgt Ion: 43 Resp: 116288
Ion Ratio Lower Upper
43 100
57 8.8 0.0 16.6





#19

Cyclohexane

Concen: 10.851 ug/l m

RT: 5.391 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047624.D

Acq: 21 Mar 2022 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 56 Resp: 12165

Ion	Ratio	Lower	Upper
56	100		
69	32.0	24.7	37.1
84	93.7	68.8	103.2

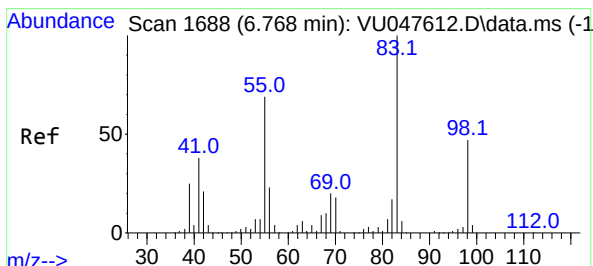
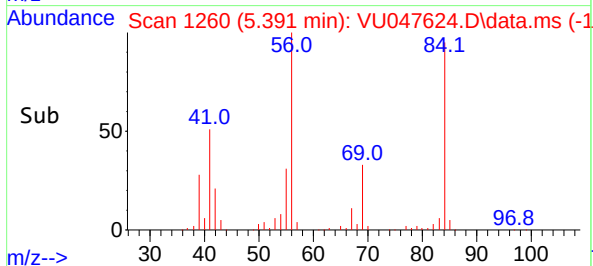
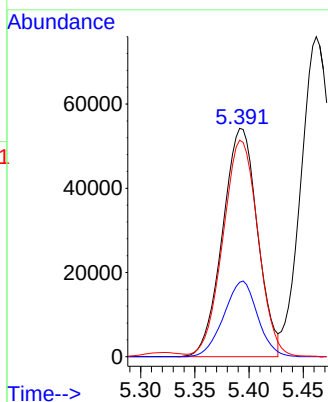
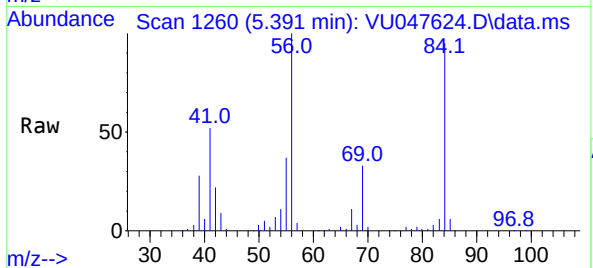
Manual Integrations
APPROVED

Reviewed By :John
Carlone

03/22/2022

Supervised By :Mahesh
Dadoda

04/01/2022



#20

Methylcyclohexane

Concen: 11.192 ug/l

RT: 6.767 min Scan# 1688

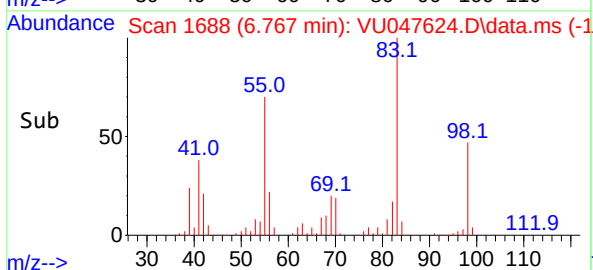
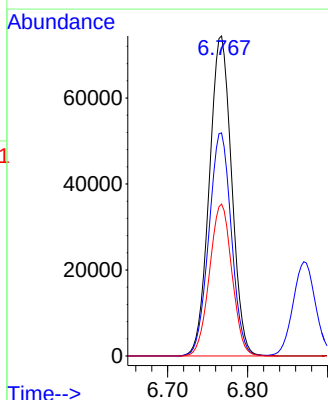
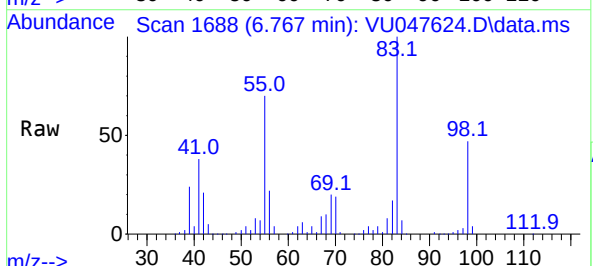
Delta R.T. -0.000 min

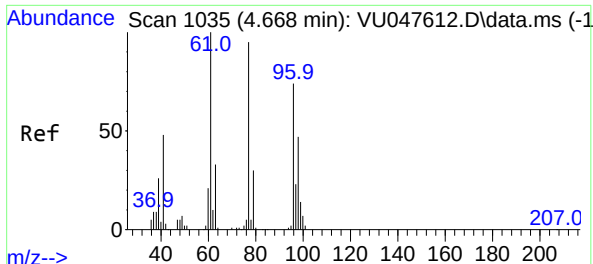
Lab File: VU047624.D

Acq: 21 Mar 2022 09:47

Tgt Ion: 83 Resp: 143952

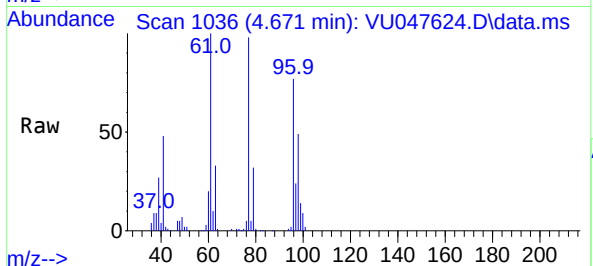
Ion	Ratio	Lower	Upper
83	100		
55	70.2	61.9	92.9
98	47.8	37.4	56.2





#21
2,2-Dichloropropane
Concen: 10.663 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



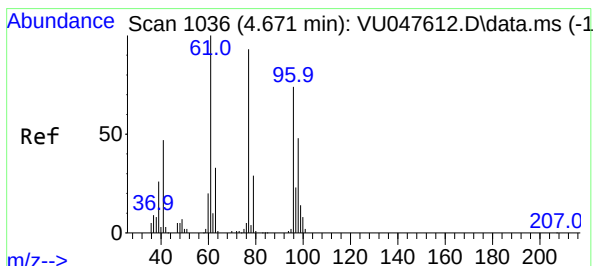
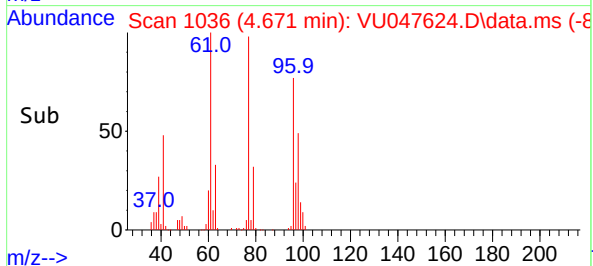
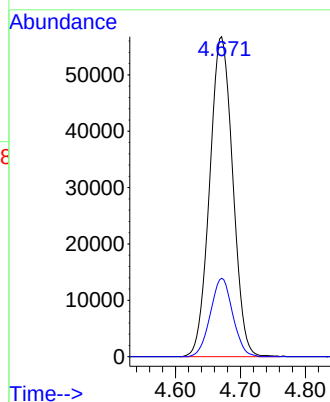
Tgt Ion: 77 Resp: 140079
Ion Ratio Lower Upper
77 100
97 23.7 17.2 25.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

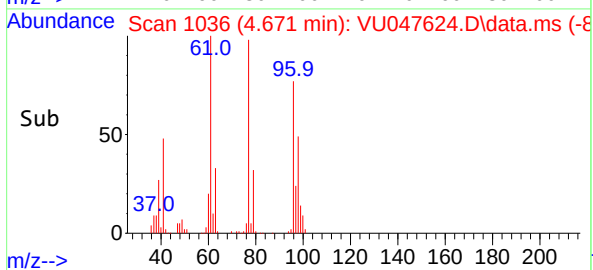
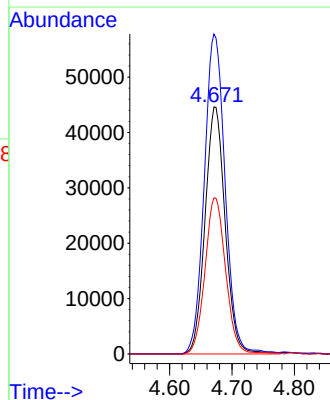
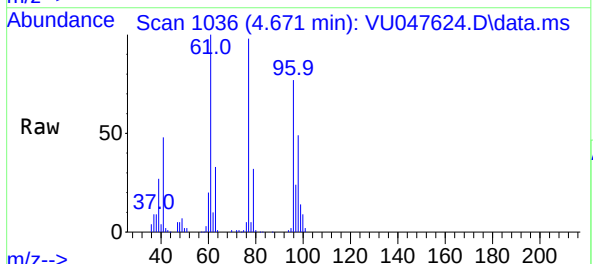
03/22/2022
Supervised By :Mahesh
Dadoda

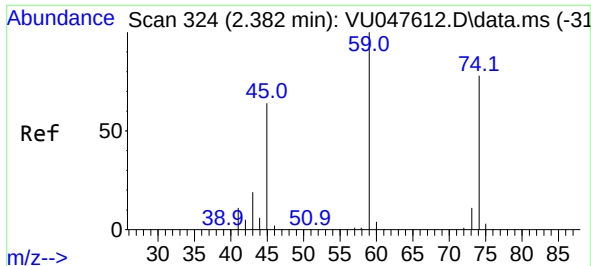
04/01/2022



#22
cis-1,2-Dichloroethene
Concen: 10.502 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

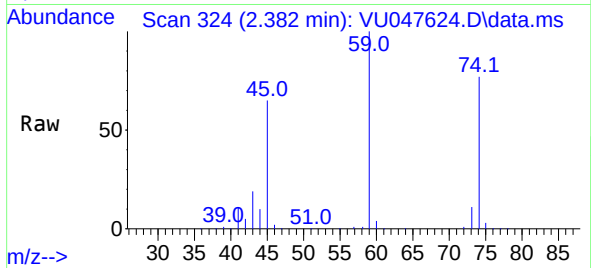
Tgt Ion: 96 Resp: 100430
Ion Ratio Lower Upper
96 100
61 133.5 0.0 385.3
98 64.6 32.1 96.3





#23
Diethyl Ether
Concen: 10.166 ug/l
RT: 2.382 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



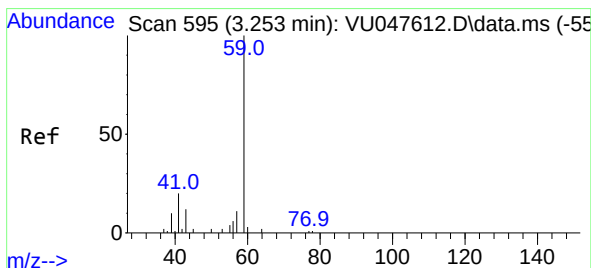
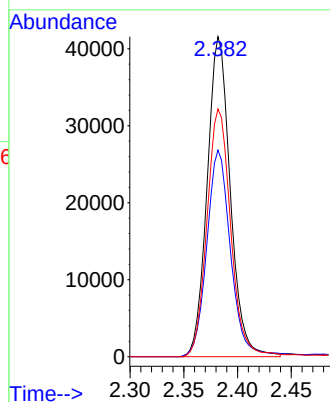
Tgt Ion: 59 Resp: 62199
Ion Ratio Lower Upper
59 100
45 67.0 55.6 83.4
74 79.6 58.1 87.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

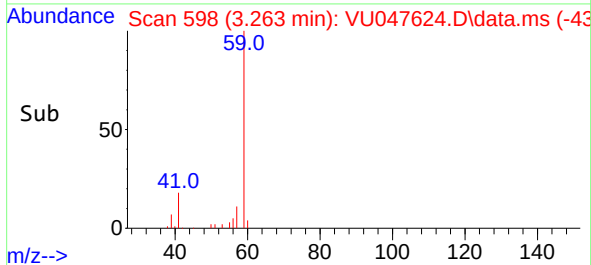
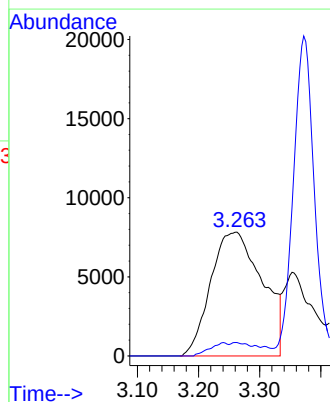
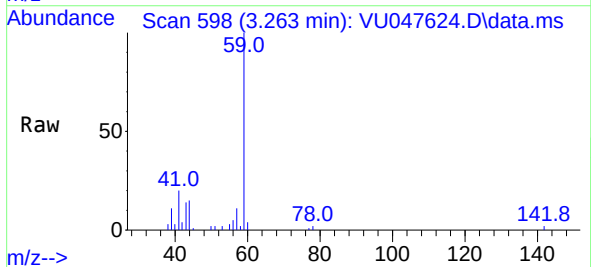
03/22/2022
Supervised By :Mahesh
Dadoda

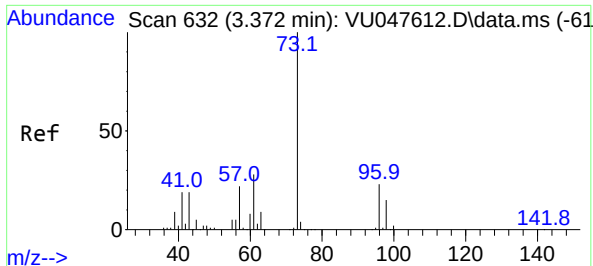
04/01/2022



#24
tert-Butyl Alcohol
Concen: 109.129 ug/l
RT: 3.263 min Scan# 598
Delta R.T. 0.010 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Tgt Ion: 59 Resp: 46051
Ion Ratio Lower Upper
59 100
57 3.9 6.5 9.7#





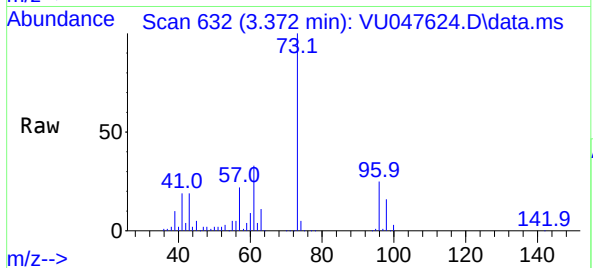
#25
Methyl tert-Butyl Ether
Concen: 10.699 ug/l
RT: 3.372 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



Tgt Ion: 73 Resp: 21810
Ion Ratio Lower Upper
73 100
43 18.6 16.3 24.5

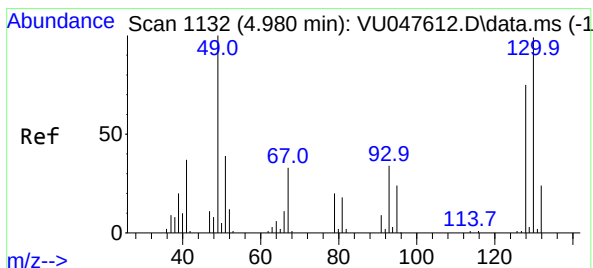
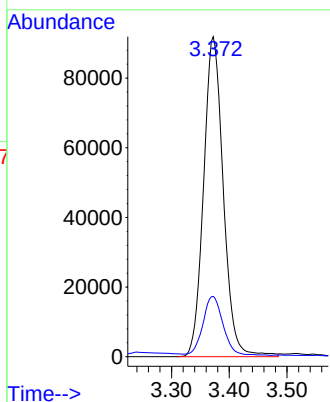
Manual Integrations
APPROVED

Reviewed By :John
Carlone

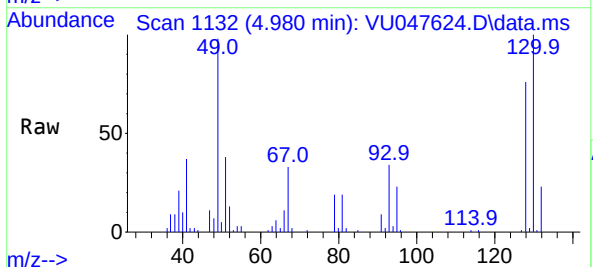
03/22/2022

Supervised By :Mahesh
Dadoda

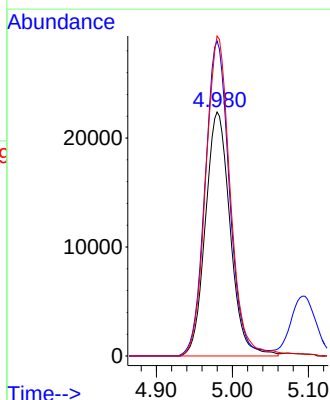
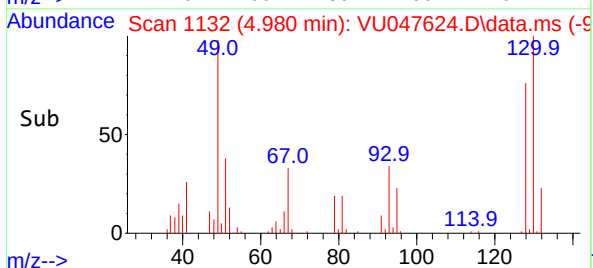
04/01/2022

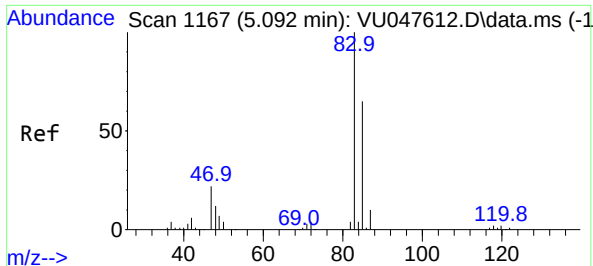


#26
Bromochloromethane
Concen: 10.457 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47



Tgt Ion:128 Resp: 50585
Ion Ratio Lower Upper
128 100
49 127.2 0.0 347.4
130 128.7 101.5 152.3





#27

Chloroform

Concen: 10.242 ug/l

RT: 5.095 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU047624.D

Acq: 21 Mar 2022 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 16542

Ion Ratio Lower Upper

83 100

85 65.6 0.0 129.2

Manual Integrations

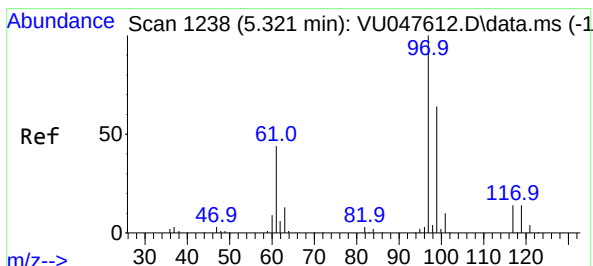
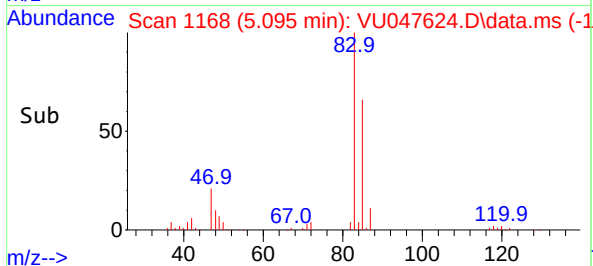
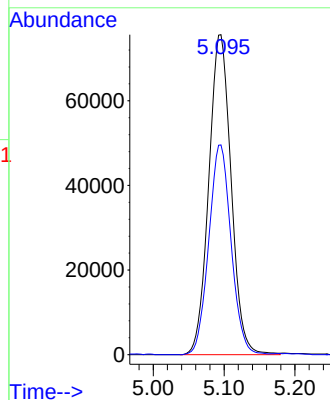
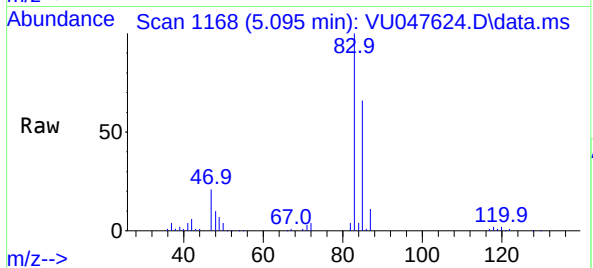
APPROVED

Reviewed By :John
Carlone

03/22/2022

Supervised By :Mahesh
Dadoda

04/01/2022



#28

1,1,1-Trichloroethane

Concen: 10.385 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047624.D

Acq: 21 Mar 2022 09:47

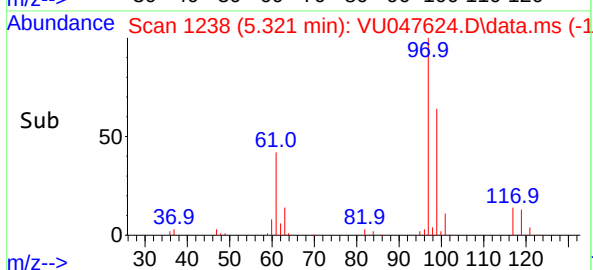
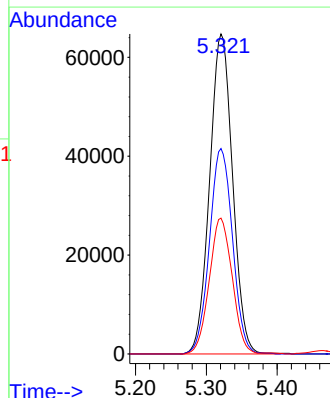
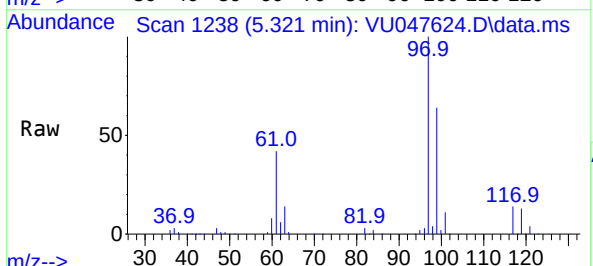
Tgt Ion: 97 Resp: 145676

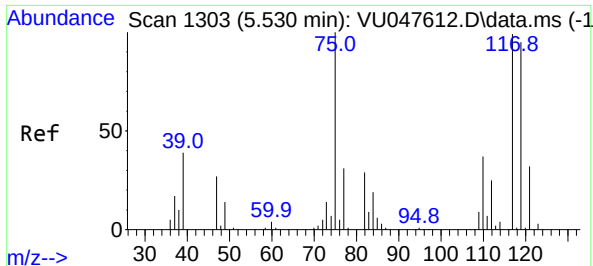
Ion Ratio Lower Upper

97 100

99 64.7 32.2 96.6

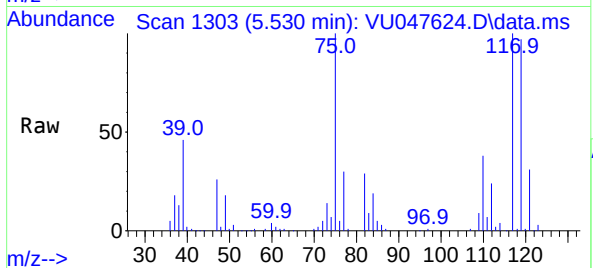
61 42.4 24.5 73.5





#29
1,1-Dichloropropene
Concen: 10.743 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



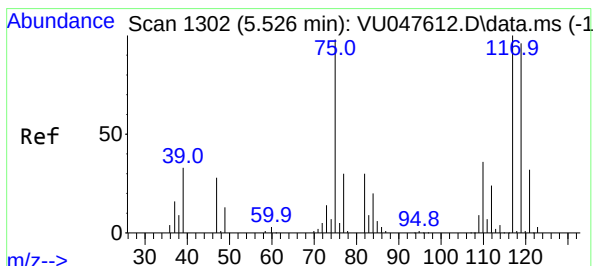
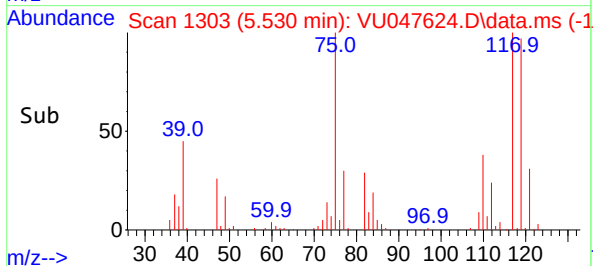
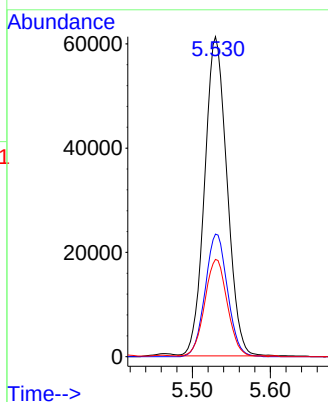
Tgt Ion: 75 Resp: 12214
Ion Ratio Lower Upper
75 100
110 38.4 16.8 50.3
77 31.1 24.7 37.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

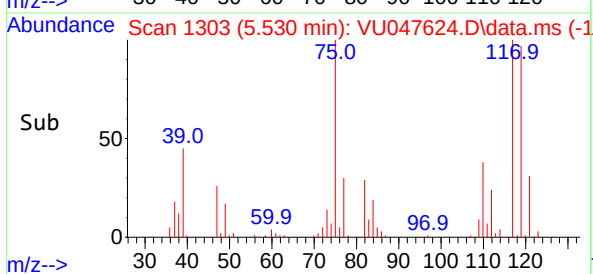
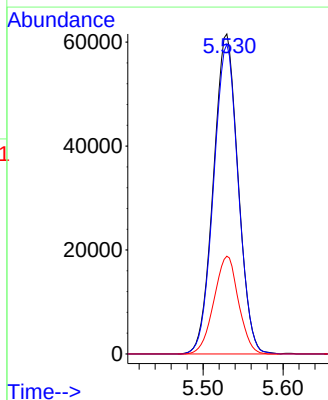
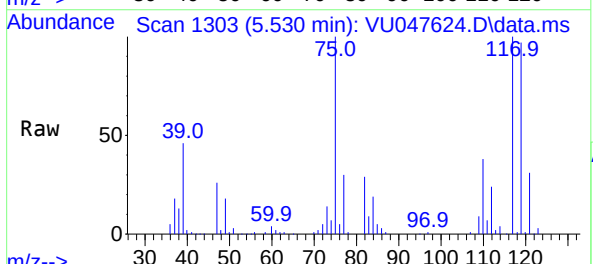
03/22/2022
Supervised By :Mahesh
Dadoda

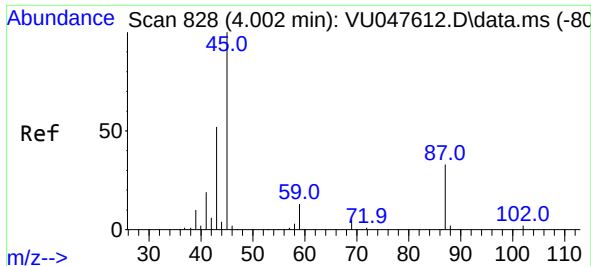
04/01/2022



#30
Carbon Tetrachloride
Concen: 10.544 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

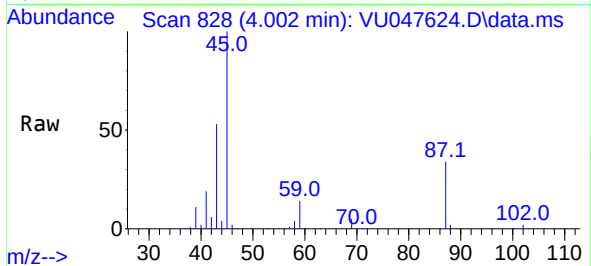
Tgt Ion:117 Resp: 131793
Ion Ratio Lower Upper
117 100
119 96.8 76.8 115.2
121 30.6 24.6 37.0





#31
Isopropyl Ether
Concen: 10.592 ug/l
RT: 4.002 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



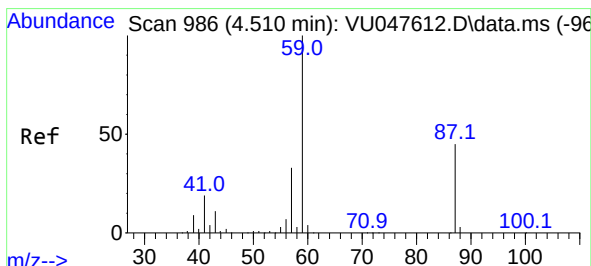
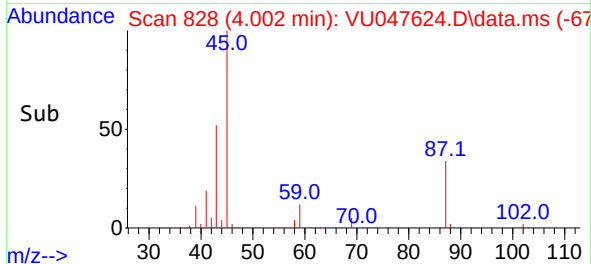
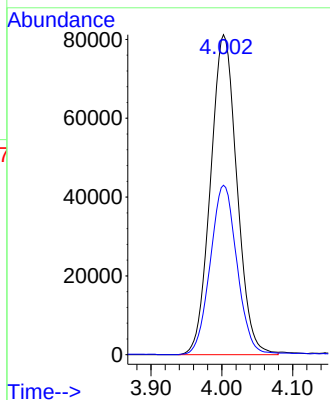
Tgt Ion: 45 Resp: 210162
Ion Ratio Lower Upper
45 100
43 53.7 25.3 75.8

Manual Integrations
APPROVED

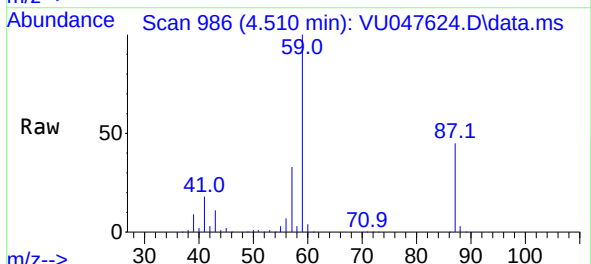
Reviewed By :John
Carlone

03/22/2022
Supervised By :Mahesh
Dadoda

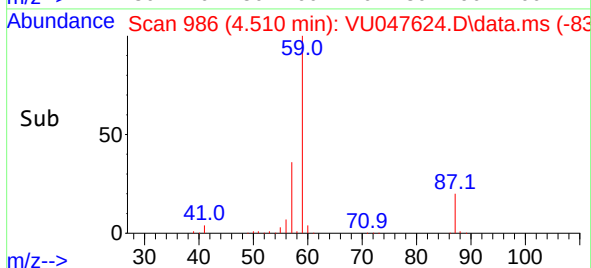
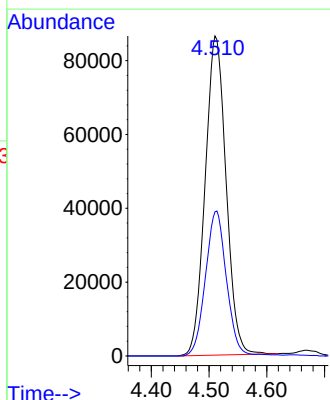
04/01/2022

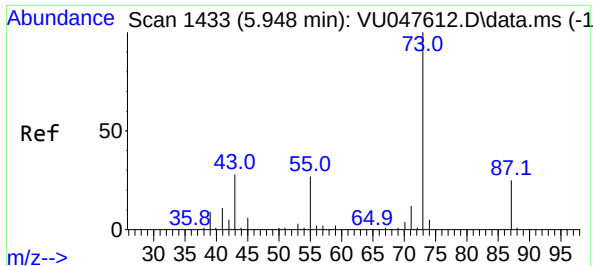


#32
Ethyl-t-butyl ether
Concen: 10.865 ug/l
RT: 4.510 min Scan# 986
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47



Tgt Ion: 59 Resp: 217597
Ion Ratio Lower Upper
59 100
87 44.7 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 11.271 ug/l
RT: 5.948 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 73 Resp: 212190
Ion Ratio Lower Upper
73 100
87 24.8 18.6 28.0
71 11.1 9.0 13.6

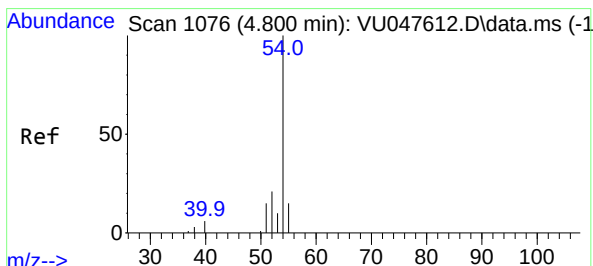
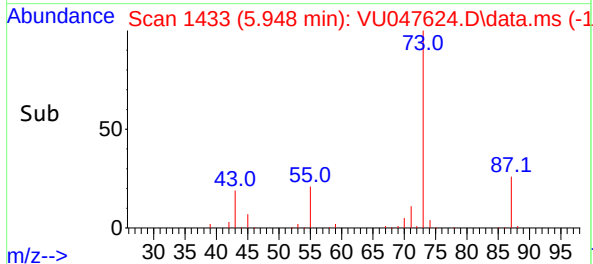
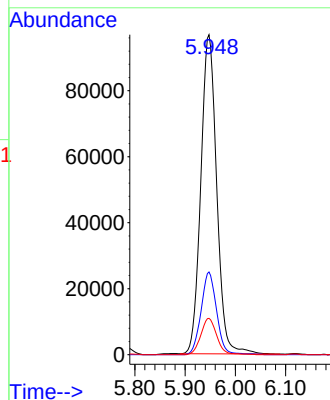
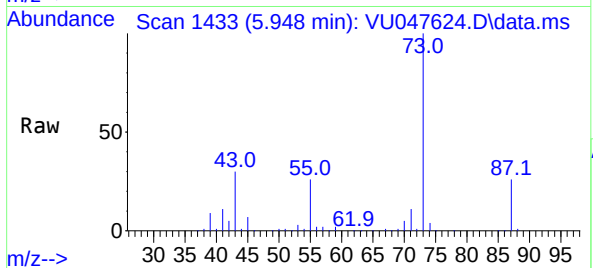
Manual Integrations
APPROVED

Reviewed By :John
Carlone

03/22/2022

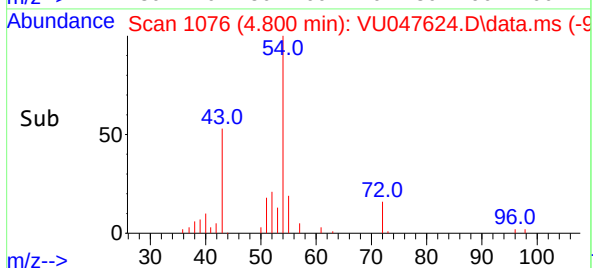
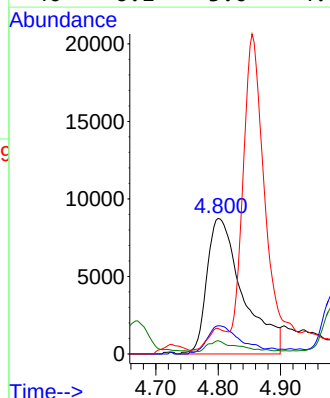
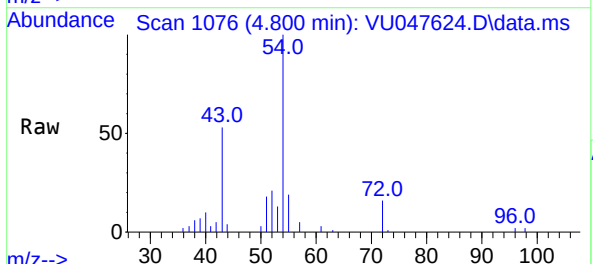
Supervised By :Mahesh
Dadoda

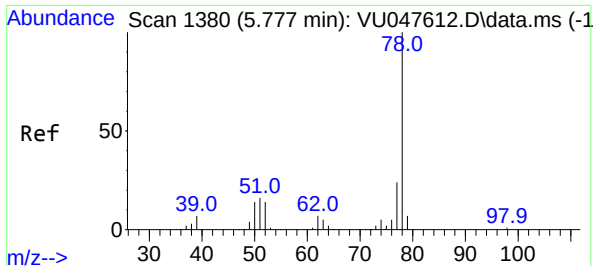
04/01/2022



#34
Propionitrile
Concen: 61.704 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Tgt Ion: 54 Resp: 35102
Ion Ratio Lower Upper
54 100
52 19.3 11.9 17.9#
55 8.2 8.0 12.0
40 6.1 3.0 4.4#





#35
Benzene
Concen: 10.464 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

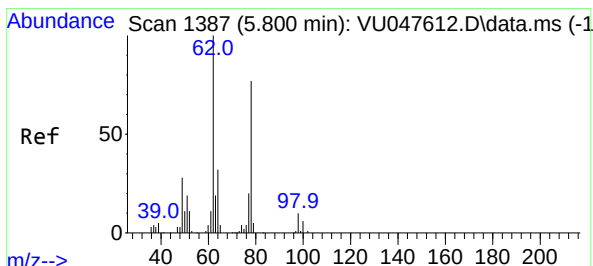
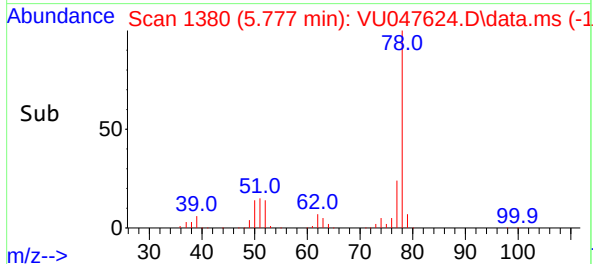
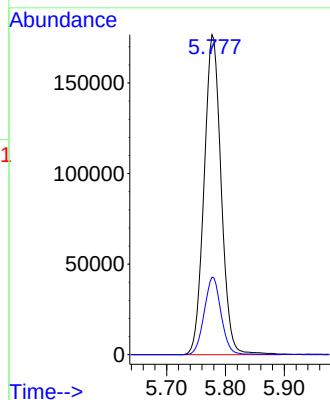
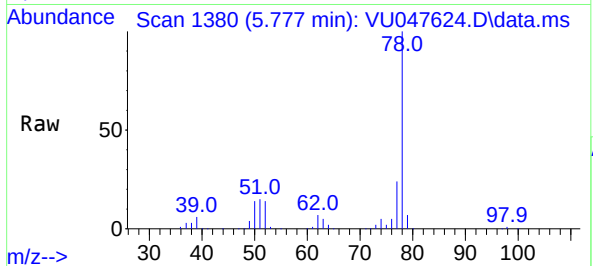
Tgt Ion: 78 Resp: 355920
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

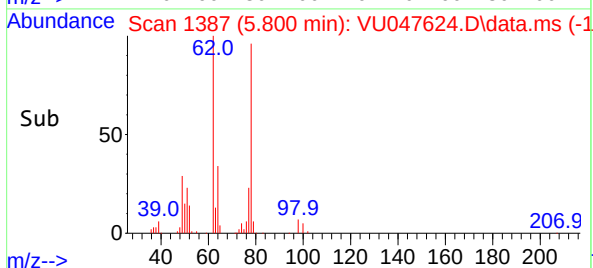
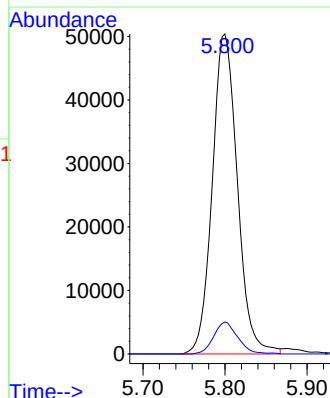
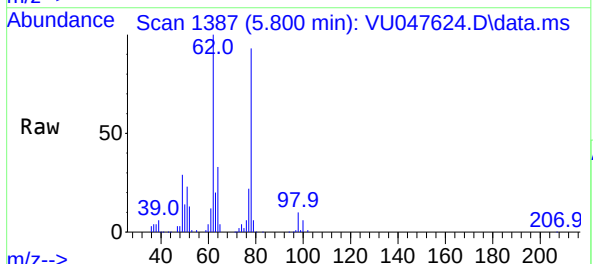
03/22/2022
Supervised By :Mahesh
Dadoda

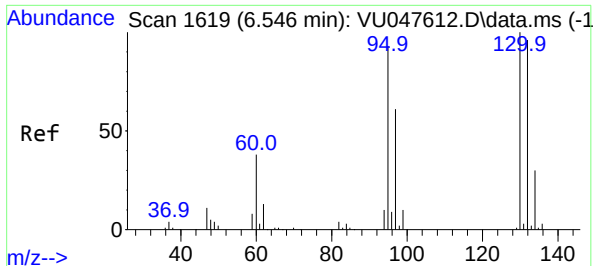
04/01/2022



#36
1,2-Dichloroethane
Concen: 10.445 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

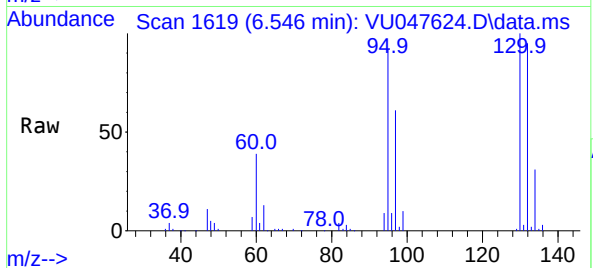
Tgt Ion: 62 Resp: 107476
Ion Ratio Lower Upper
62 100
98 9.6 7.3 10.9





#37
Trichloroethene
Concen: 10.571 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



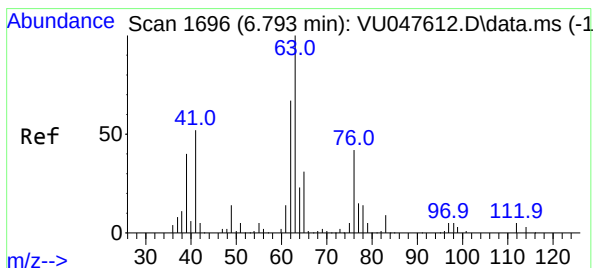
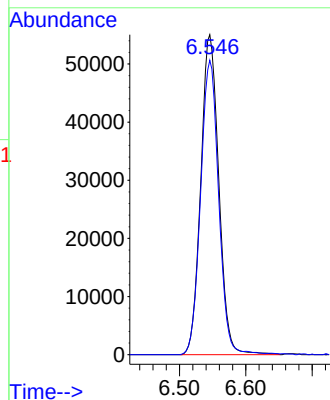
Tgt Ion:130 Resp: 103889
Ion Ratio Lower Upper
130 100
95 92.0 83.8 125.8

Manual Integrations
APPROVED

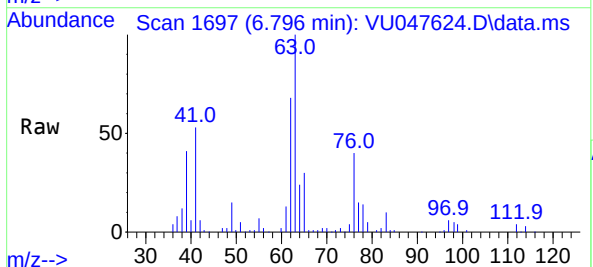
Reviewed By :John
Carlone

03/22/2022
Supervised By :Mahesh
Dadoda

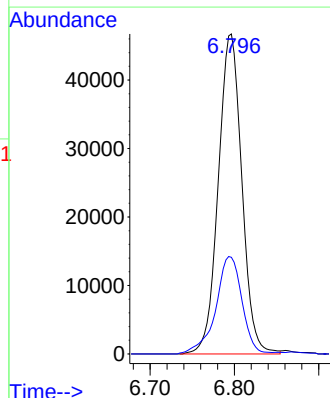
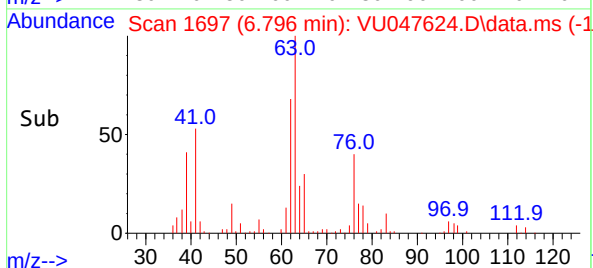
04/01/2022

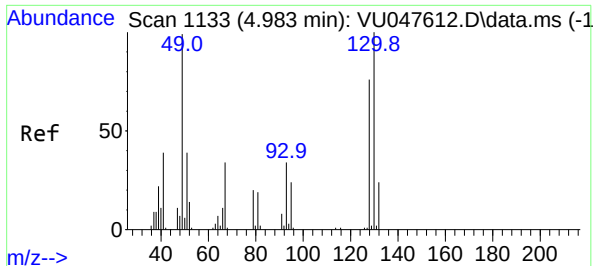


#38
1,2-Dichloropropane
Concen: 10.318 ug/l
RT: 6.796 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47



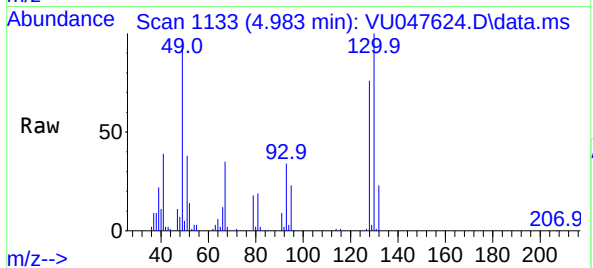
Tgt Ion: 63 Resp: 90385
Ion Ratio Lower Upper
63 100
65 29.9 24.7 37.1





#39
Methacrylonitrile
Concen: 11.145 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 41 Resp: 2733

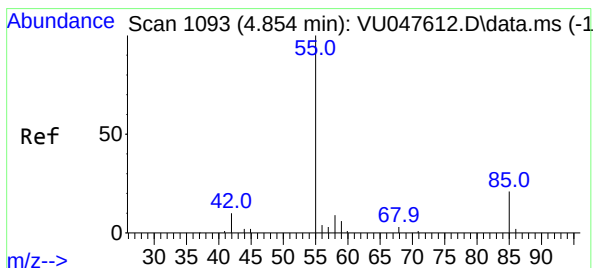
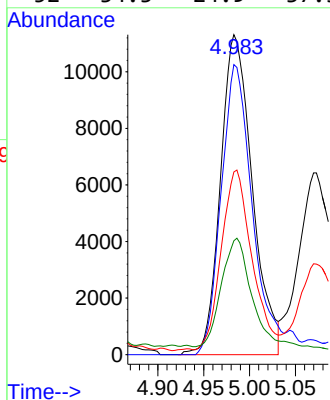
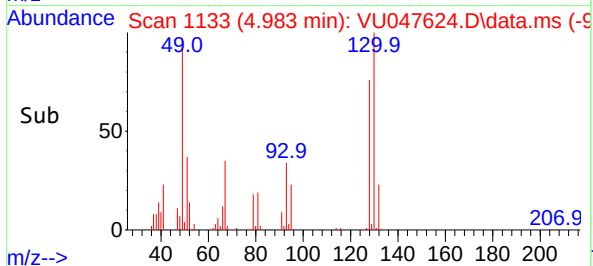
Ion	Ratio	Lower	Upper
41	100		
67	88.7	65.2	97.8
39	53.7	43.0	64.6
52	34.3	24.9	37.3

Manual Integrations
APPROVED

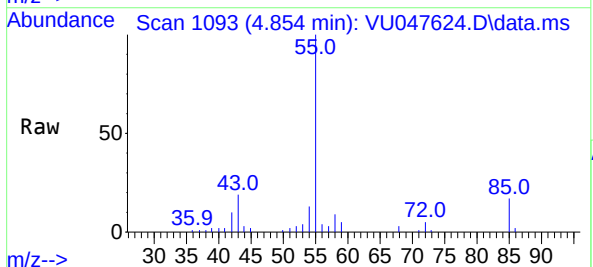
Reviewed By :John
Carlone

03/22/2022
Supervised By :Mahesh
Dadoda

04/01/2022

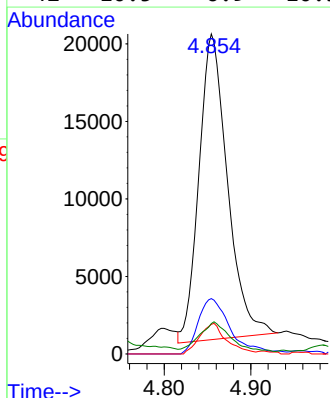
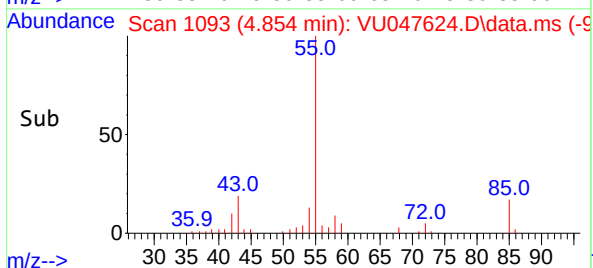


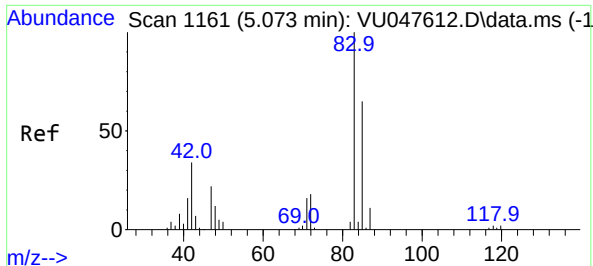
#40
Methyl acrylate
Concen: 10.883 ug/l
RT: 4.854 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47



Tgt Ion: 55 Resp: 45102

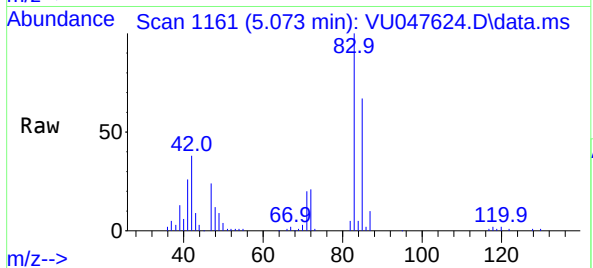
Ion	Ratio	Lower	Upper
55	100		
85	20.1	12.2	18.2#
58	9.4	6.7	10.1
42	10.5	6.9	10.3#





#41
Tetrahydrofuran
Concen: 22.081 ug/l
RT: 5.073 min Scan# 1161
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



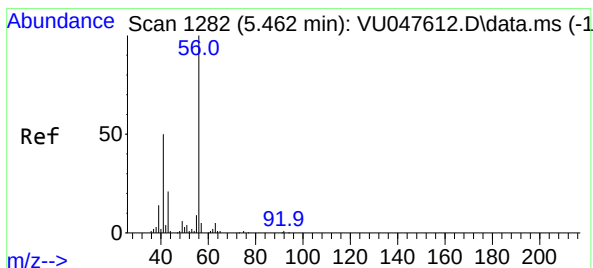
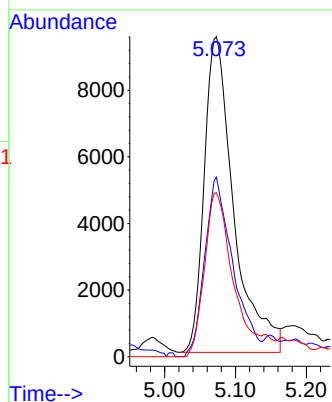
Tgt Ion: 42 Resp: 27478
Ion Ratio Lower Upper
42 100
72 54.8 42.4 63.6
71 49.8 36.4 54.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

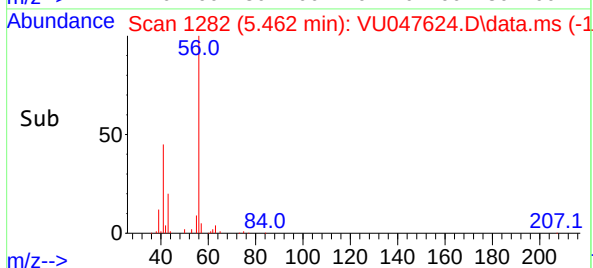
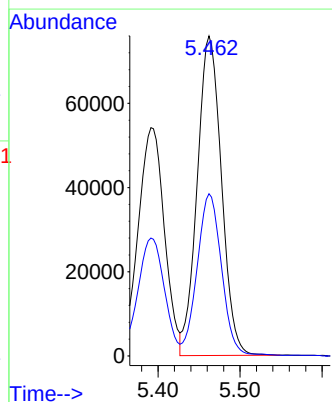
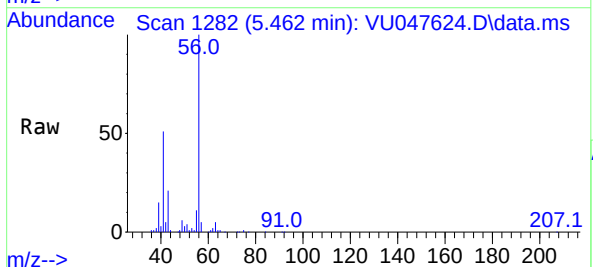
03/22/2022
Supervised By :Mahesh
Dadoda

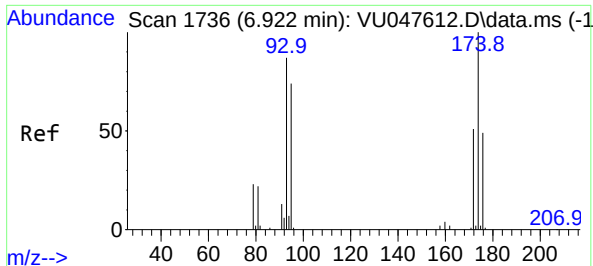
04/01/2022



#42
1-Chlorobutane
Concen: 10.626 ug/l
RT: 5.462 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

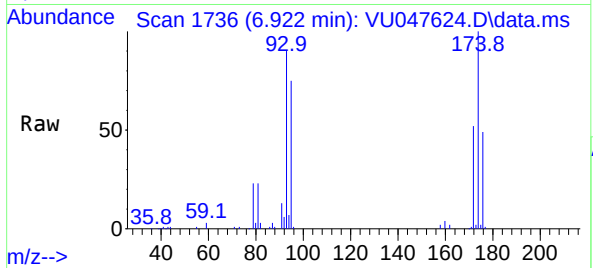
Tgt Ion: 56 Resp: 155692
Ion Ratio Lower Upper
56 100
41 50.8 26.0 78.0





#43
Dibromomethane
Concen: 10.537 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



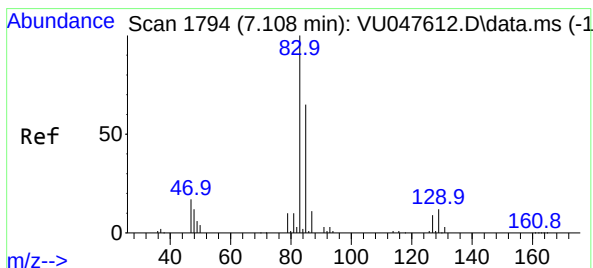
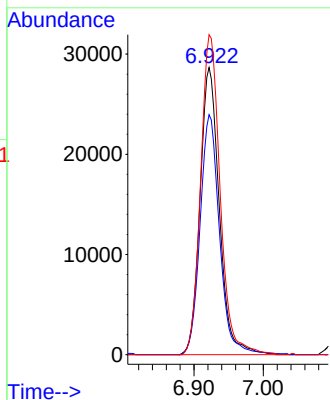
Tgt Ion: 93 Resp: 55315
Ion Ratio Lower Upper
93 100
95 84.4 66.2 99.2
174 113.3 70.7 106.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

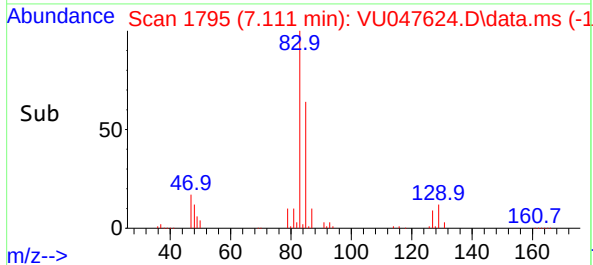
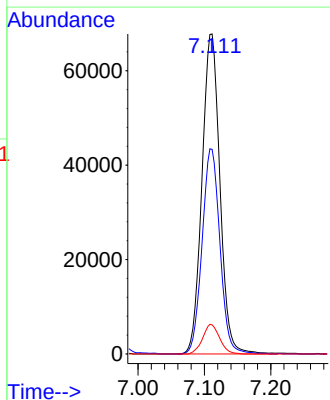
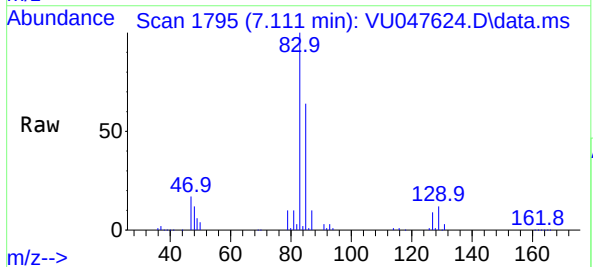
03/22/2022
Supervised By :Mahesh
Dadoda

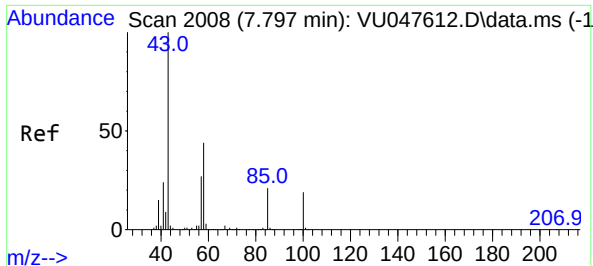
04/01/2022



#44
Bromodichloromethane
Concen: 10.454 ug/l
RT: 7.111 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Tgt Ion: 83 Resp: 127314
Ion Ratio Lower Upper
83 100
85 64.0 50.9 76.3
127 9.1 6.0 9.0





#45
4-Methyl-2-Pentanone
Concen: 57.642 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

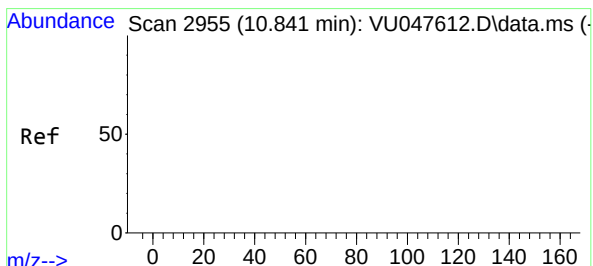
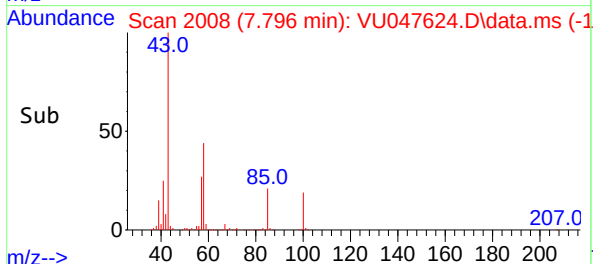
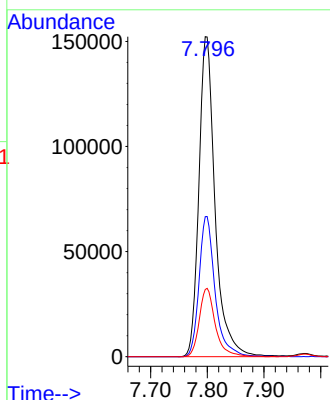
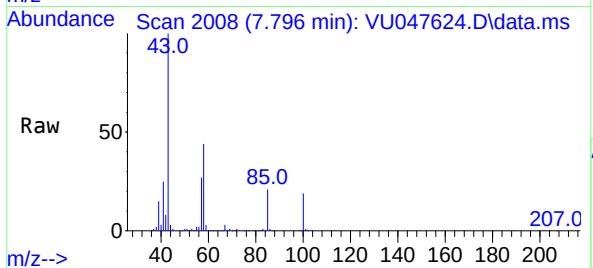
Tgt Ion: 43 Resp: 30250
Ion Ratio Lower Upper
43 100
58 43.4 21.0 63.0
85 21.1 14.8 22.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

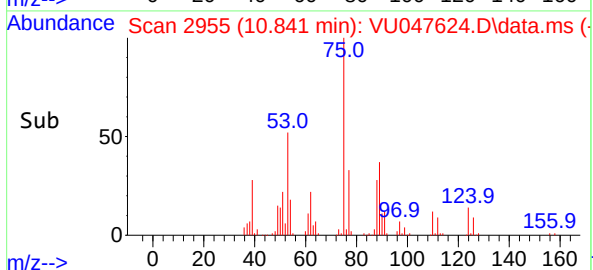
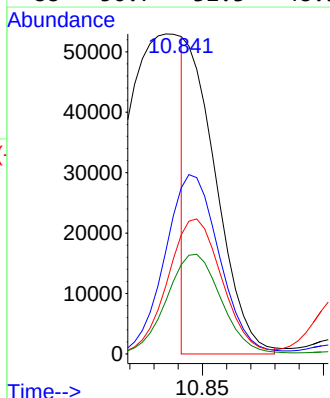
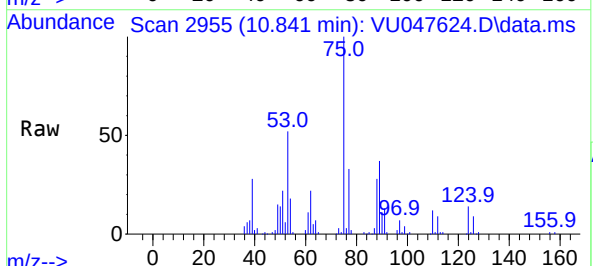
03/22/2022
Supervised By :Mahesh
Dadoda

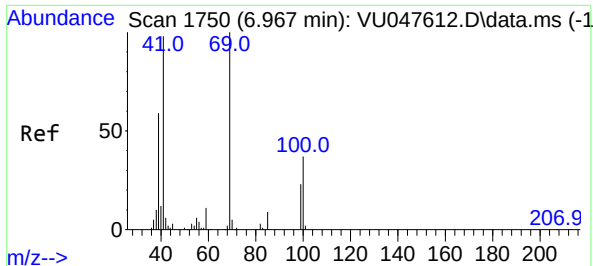
04/01/2022



#46
t-1,4-Dichloro-2-butene
Concen: 20.159 ug/l m
RT: 10.841 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

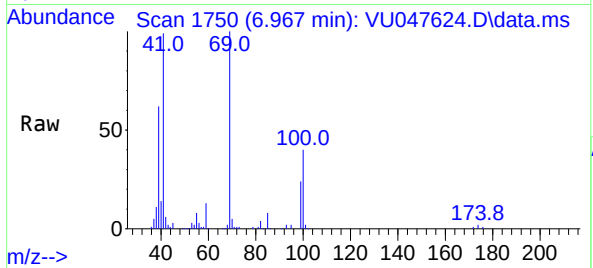
Tgt Ion: 75 Resp: 45953
Ion Ratio Lower Upper
75 100
53 101.8 66.8 100.2#
89 76.3 41.7 62.5#
88 56.7 32.3 48.5#





#47
Methyl methacrylate
Concen: 23.725 ug/l
RT: 6.967 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



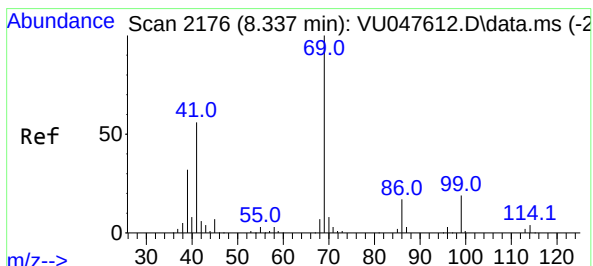
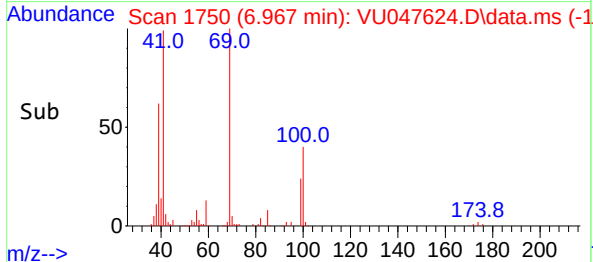
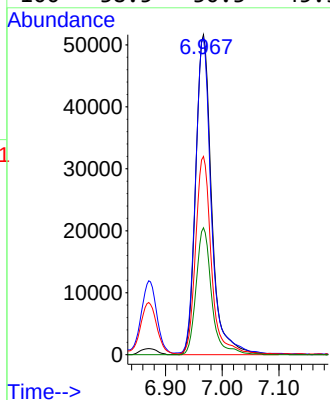
Tgt Ion: 69 Resp: 100744
Ion Ratio Lower Upper
69 100
41 97.1 0.0 230.0
39 60.5 55.1 82.7
100 38.5 30.3 45.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

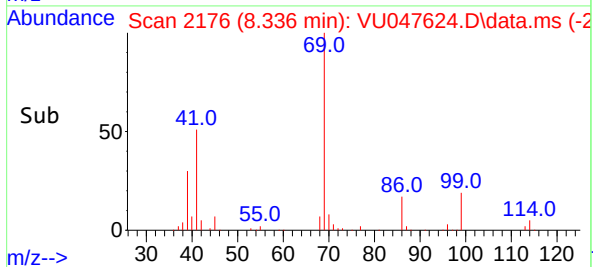
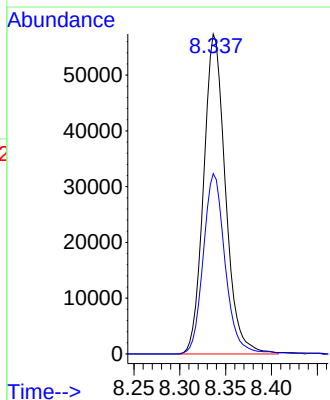
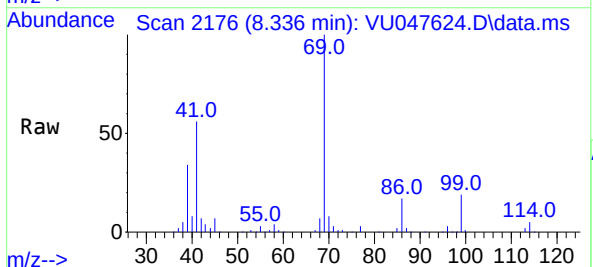
03/22/2022
Supervised By :Mahesh
Dadoda

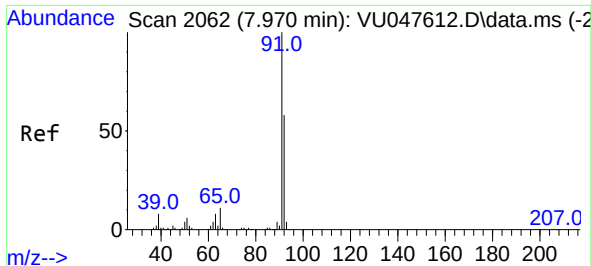
04/01/2022



#48
Ethyl methacrylate
Concen: 11.860 ug/l
RT: 8.336 min Scan# 2176
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

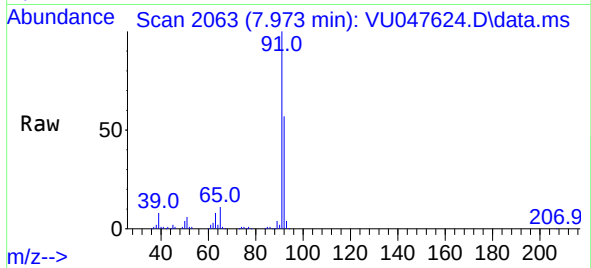
Tgt Ion: 69 Resp: 94902
Ion Ratio Lower Upper
69 100
41 56.7 32.6 98.0





#49
Toluene
Concen: 11.060 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



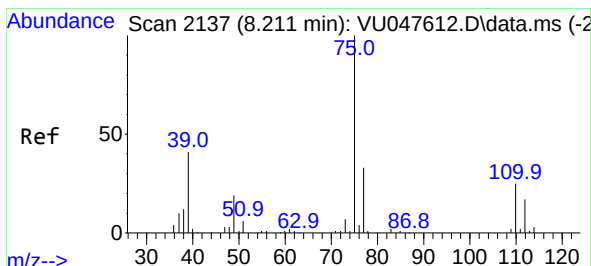
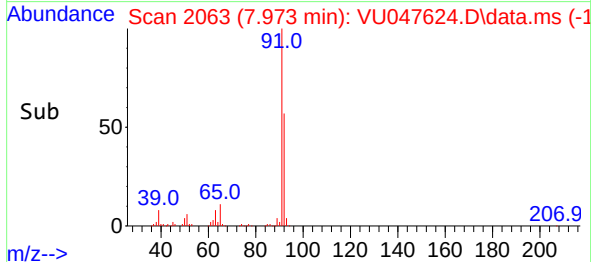
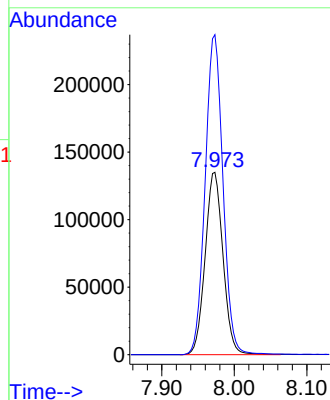
Tgt Ion: 92 Resp: 231179
Ion Ratio Lower Upper
92 100
91 175.0 136.8 205.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

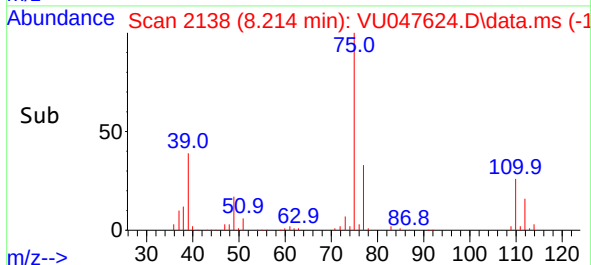
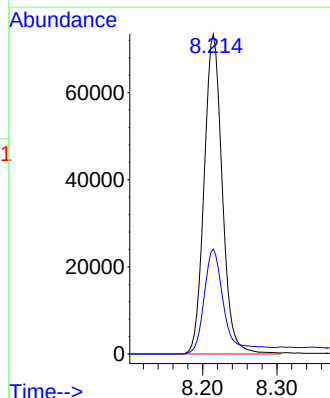
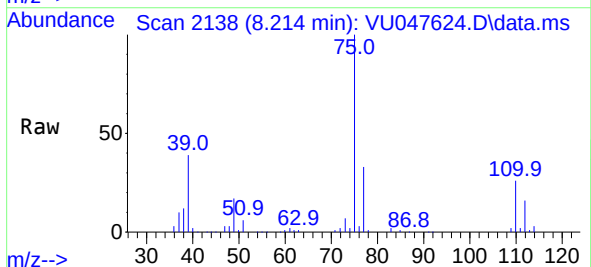
03/22/2022
Supervised By :Mahesh
Dadoda

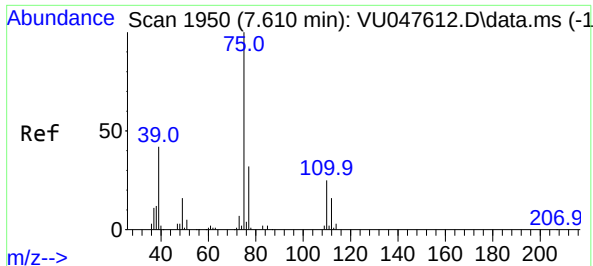
04/01/2022



#50
t-1,3-Dichloropropene
Concen: 11.005 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

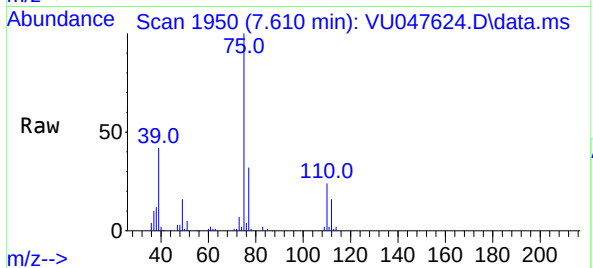
Tgt Ion: 75 Resp: 124173
Ion Ratio Lower Upper
75 100
77 32.8 25.6 38.4





#51
cis-1,3-Dichloropropene
Concen: 10.952 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



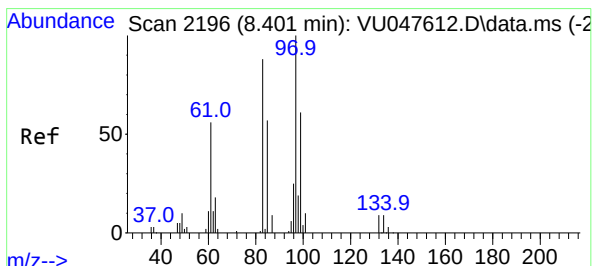
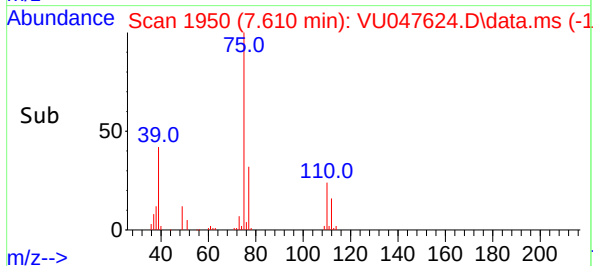
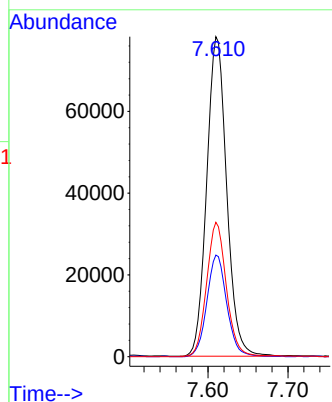
Tgt Ion: 75 Resp: 136039
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 42.1 38.6 57.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

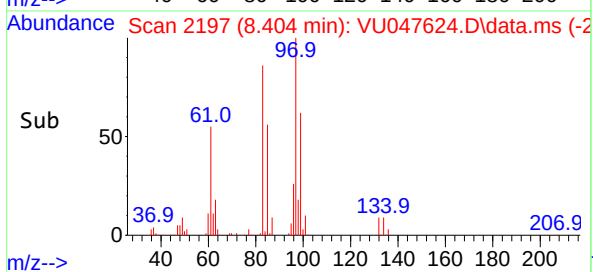
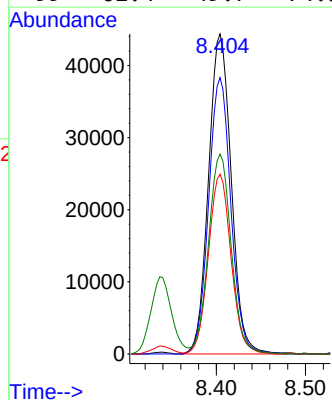
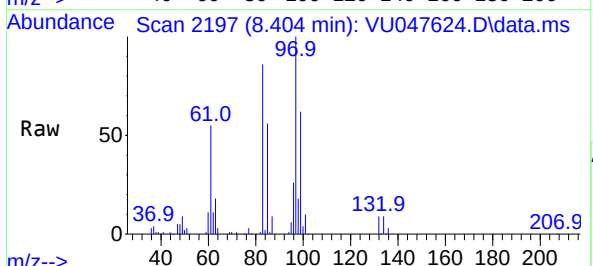
03/22/2022
Supervised By :Mahesh
Dadoda

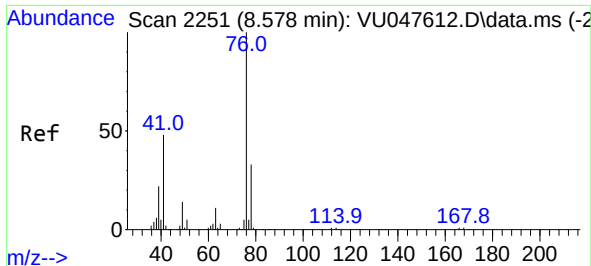
04/01/2022



#52
1,1,2-Trichloroethane
Concen: 10.754 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

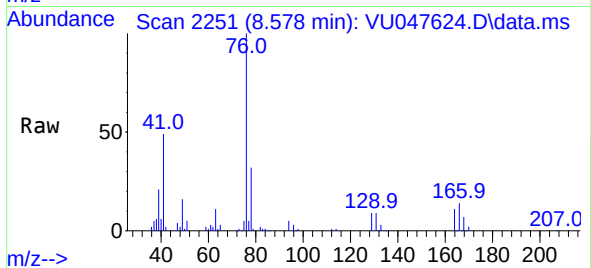
Tgt Ion: 97 Resp: 78560
Ion Ratio Lower Upper
97 100
83 86.3 69.8 104.8
85 56.1 44.2 66.4
99 62.4 49.7 74.5





#53
1,3-Dichloropropane
Concen: 10.771 ug/l
RT: 8.578 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



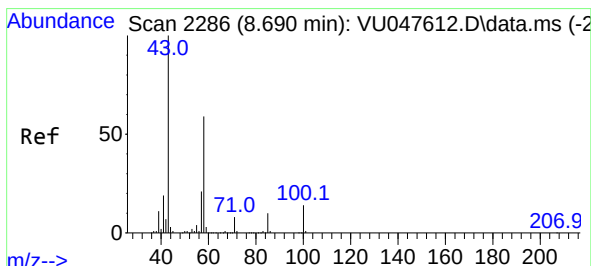
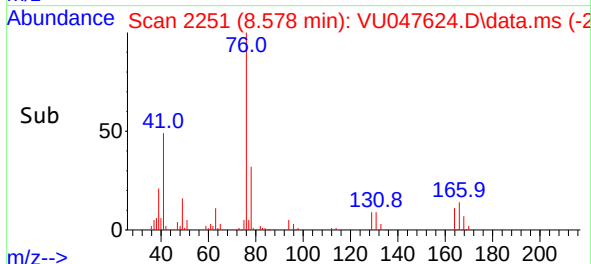
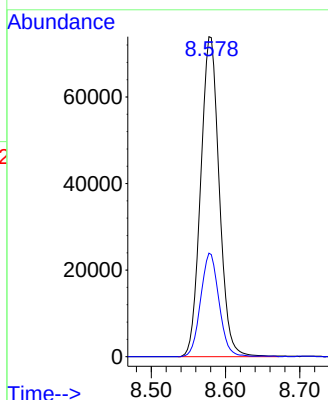
Tgt Ion: 76 Resp: 128090
Ion Ratio Lower Upper
76 100
78 32.0 25.4 38.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

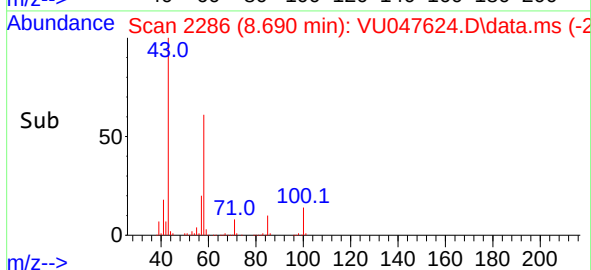
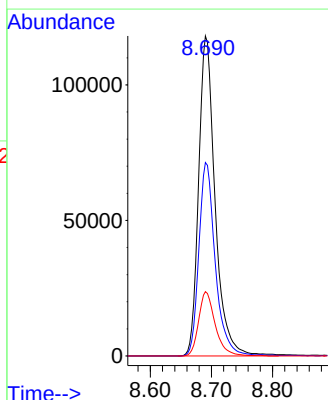
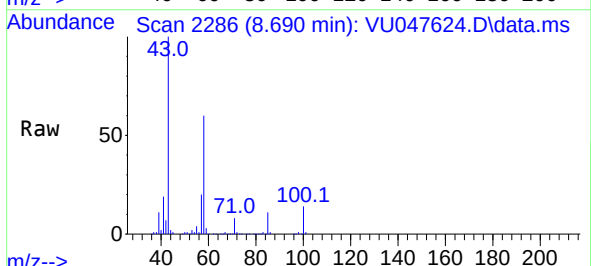
03/22/2022
Supervised By :Mahesh
Dadoda

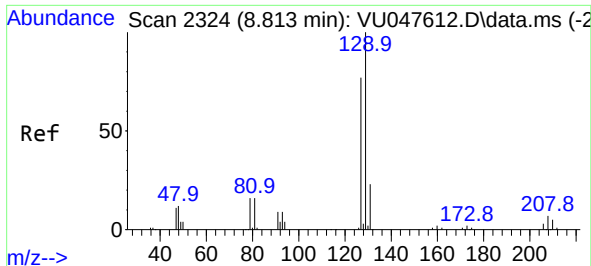
04/01/2022



#54
2-Hexanone
Concen: 57.677 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

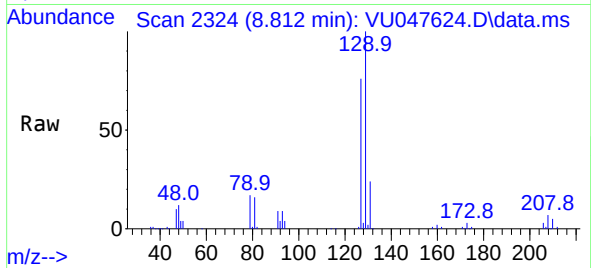
Tgt Ion: 43 Resp: 221001
Ion Ratio Lower Upper
43 100
58 60.0 37.7 77.7
57 20.2 0.5 40.5





#55
Dibromochloromethane
Concen: 10.757 ug/l
RT: 8.812 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



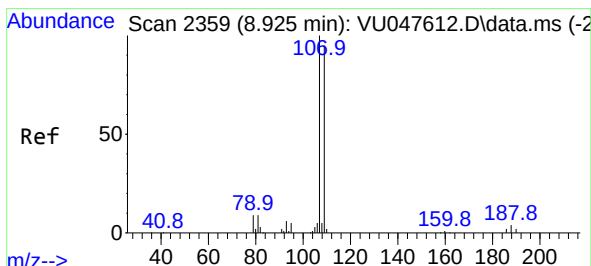
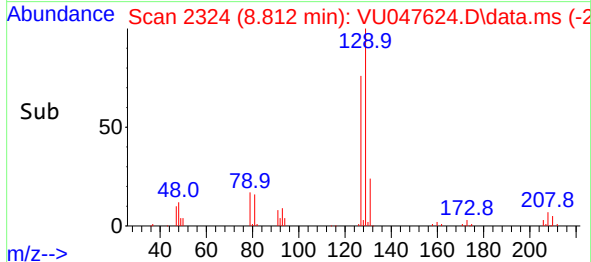
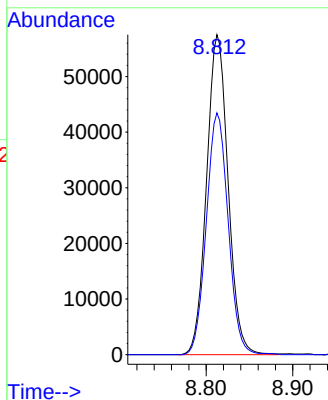
Tgt Ion:129 Resp: 99240
Ion Ratio Lower Upper
129 100
127 76.7 62.2 93.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

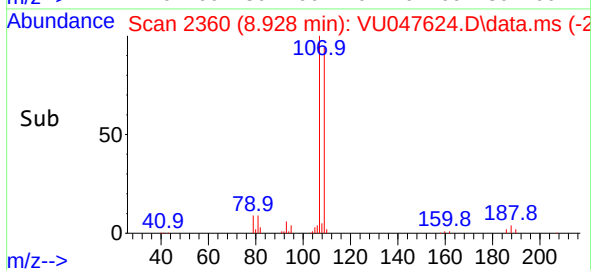
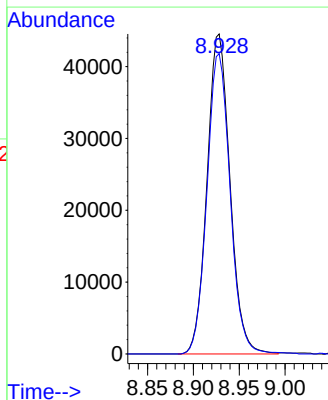
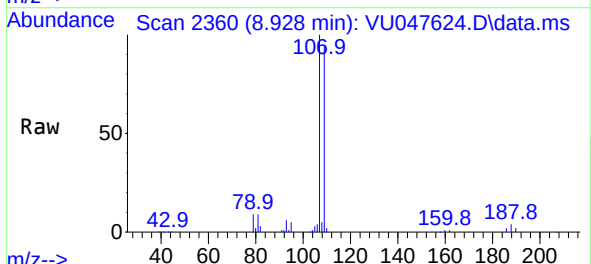
03/22/2022
Supervised By :Mahesh
Dadoda

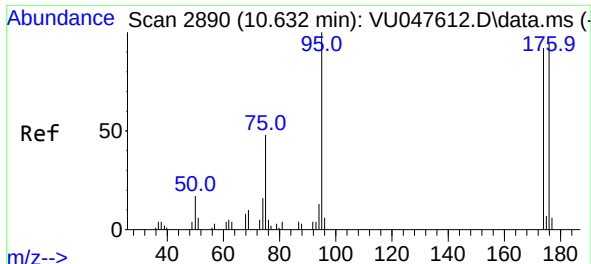
04/01/2022



#56
1,2-Dibromoethane
Concen: 10.687 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

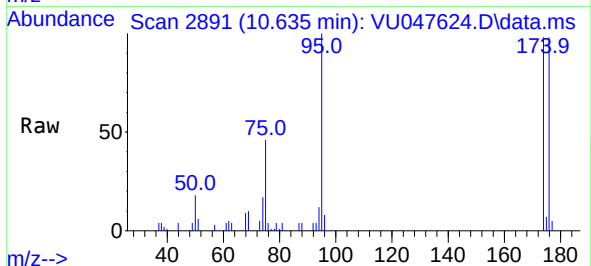
Tgt Ion:107 Resp: 77722
Ion Ratio Lower Upper
107 100
109 94.8 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 1.158 ug/l
RT: 10.635 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



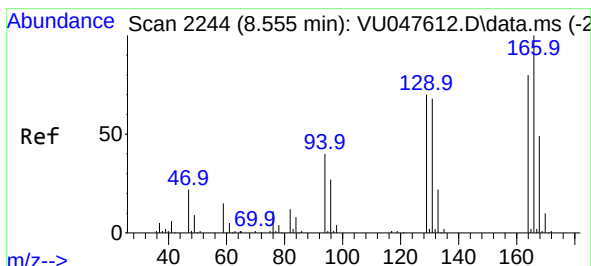
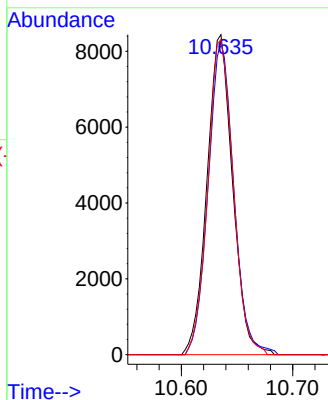
Tgt Ion: 95 Resp: 1351
Ion Ratio Lower Upper
95 100
174 97.1 56.6 84.8
176 97.0 54.3 81.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

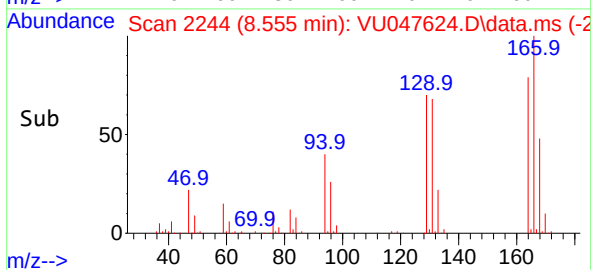
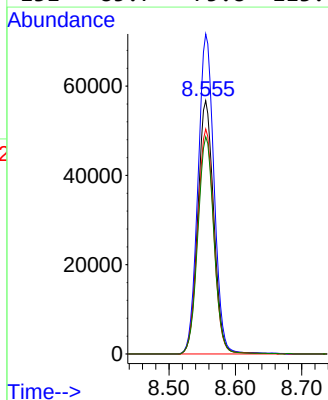
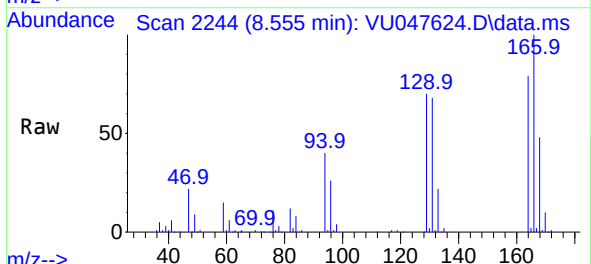
03/22/2022
Supervised By :Mahesh
Dadoda

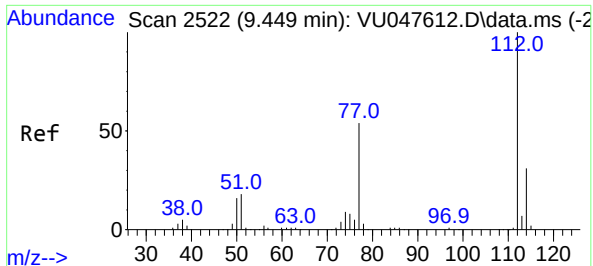
04/01/2022



#58
Tetrachloroethene
Concen: 10.496 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Tgt Ion:164 Resp: 95104
Ion Ratio Lower Upper
164 100
166 126.3 102.0 153.0
129 88.8 77.1 115.7
131 85.7 75.8 113.6





#59

Chlorobenzene

Concen: 10.713 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047624.D

Acq: 21 Mar 2022 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:112 Resp: 26101

Ion Ratio Lower Upper

112 100

114 32.4 25.4 38.0

Manual Integrations

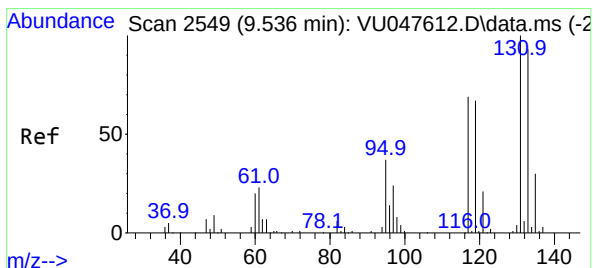
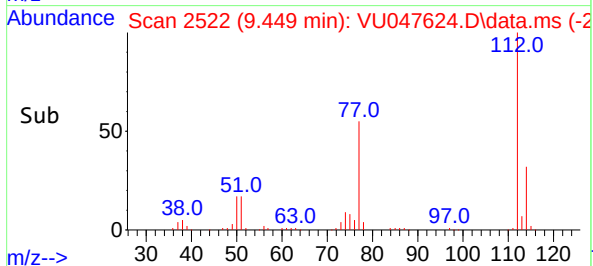
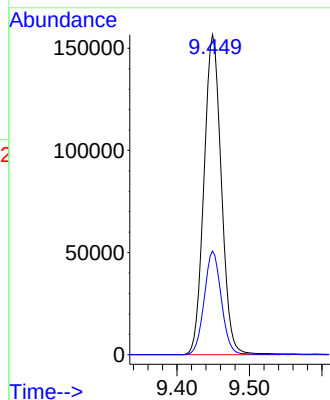
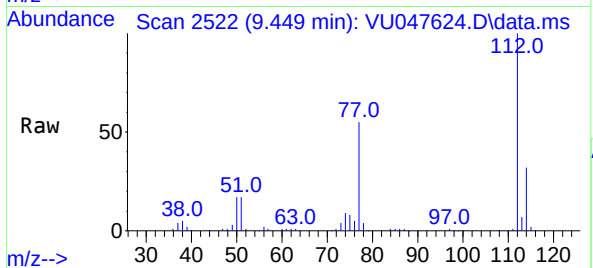
APPROVED

Reviewed By :John
Carlone

03/22/2022

Supervised By :Mahesh
Dadoda

04/01/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 10.482 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. -0.000 min

Lab File: VU047624.D

Acq: 21 Mar 2022 09:47

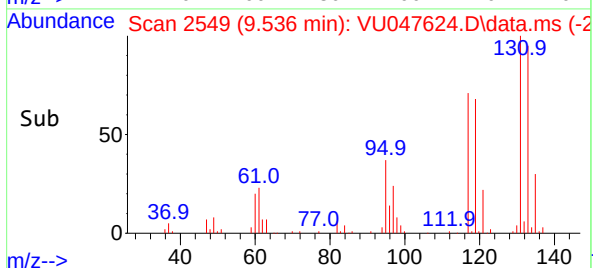
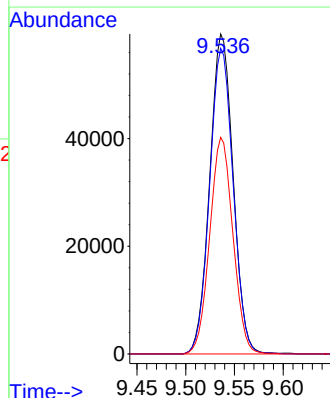
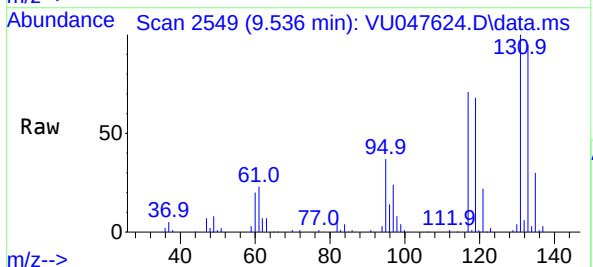
Tgt Ion:131 Resp: 99138

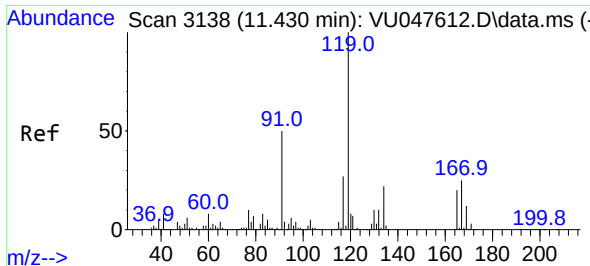
Ion Ratio Lower Upper

131 100

133 96.0 76.0 114.0

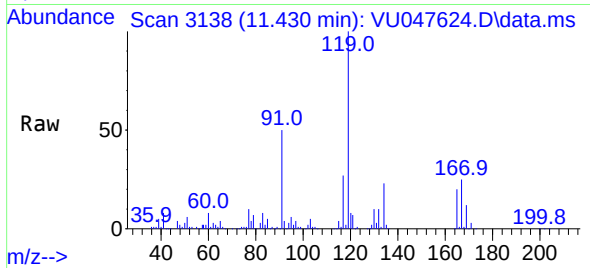
119 67.2 54.9 82.3





#61
Pentachloroethane
Concen: 10.574 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



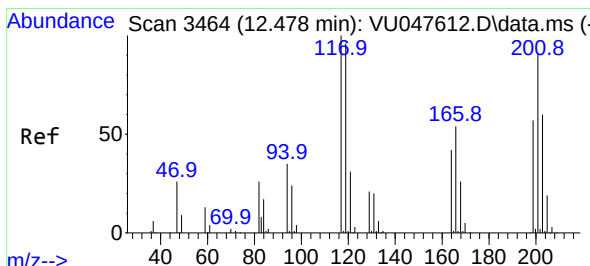
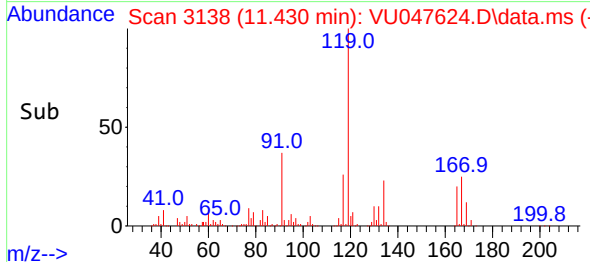
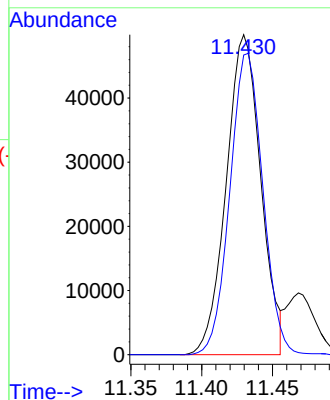
Tgt Ion:117 Resp: 84634
Ion Ratio Lower Upper
117 100
167 90.0 59.7 89.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

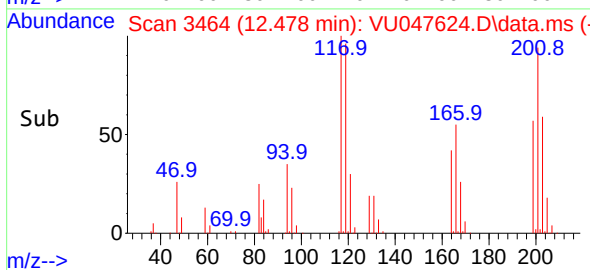
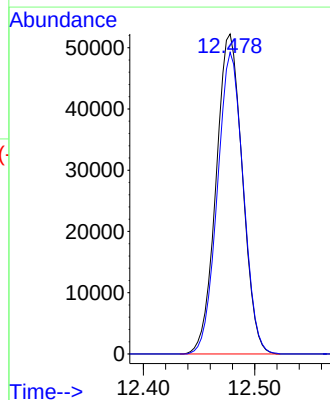
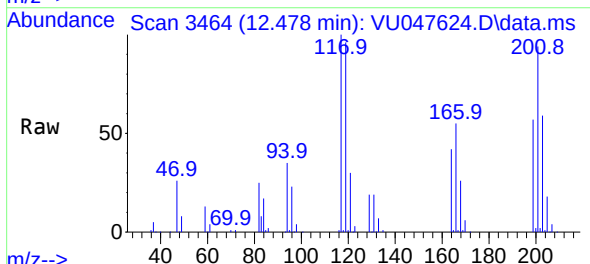
03/22/2022
Supervised By :Mahesh
Dadoda

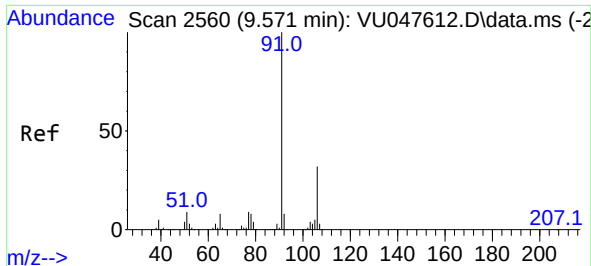
04/01/2022



#62
Hexachloroethane
Concen: 10.802 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

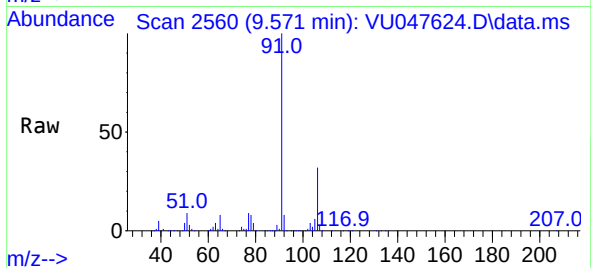
Tgt Ion:117 Resp: 85835
Ion Ratio Lower Upper
117 100
201 92.6 53.6 80.4





#63
Ethyl Benzene
Concen: 11.439 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



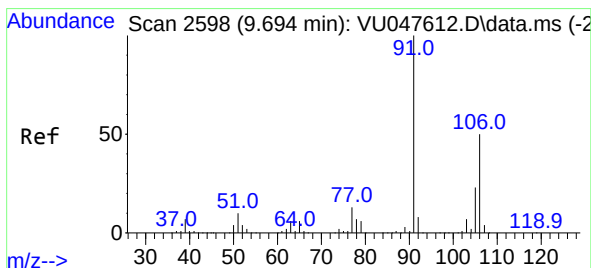
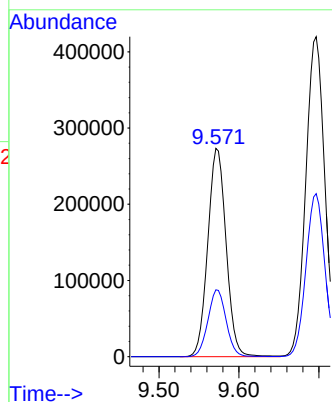
Tgt Ion: 91 Resp: 436628
Ion Ratio Lower Upper
91 100
106 32.1 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

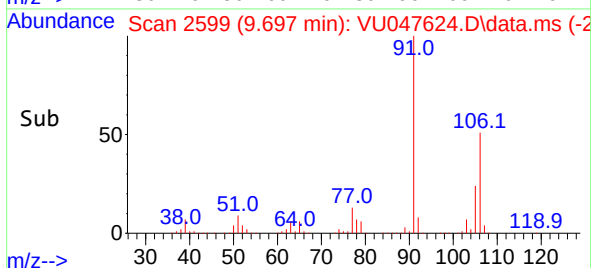
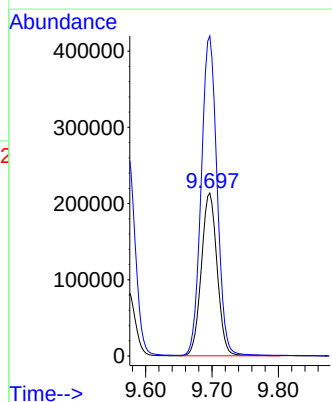
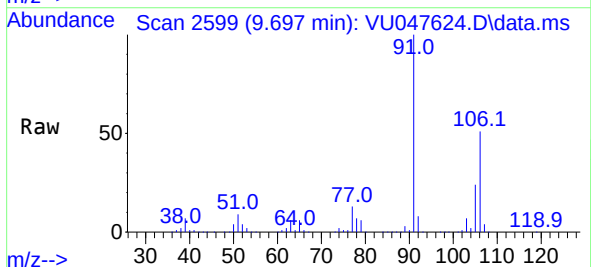
03/22/2022
Supervised By :Mahesh
Dadoda

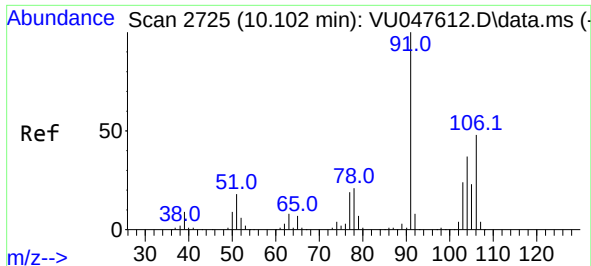
04/01/2022



#64
m/p-Xylenes
Concen: 23.295 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Tgt Ion:106 Resp: 352735
Ion Ratio Lower Upper
106 100
91 196.9 165.5 248.3





#65
o-Xylene
Concen: 11.589 ug/l
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

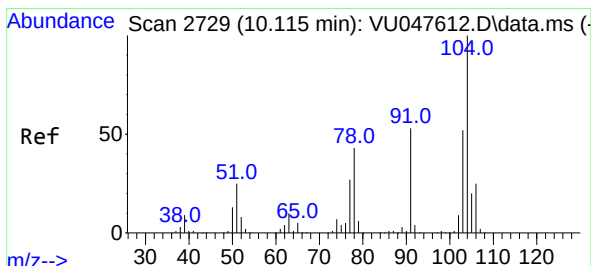
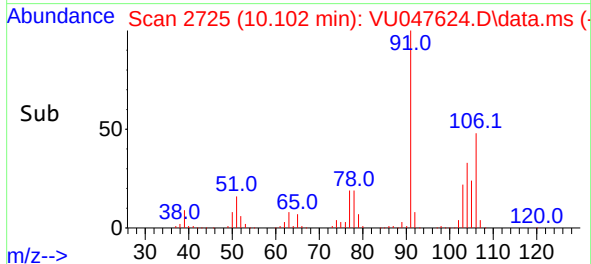
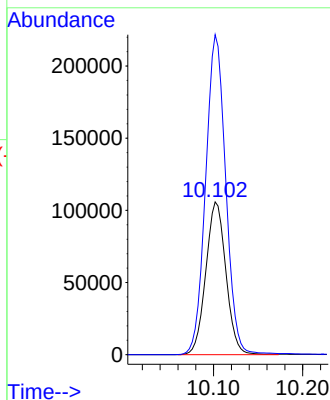
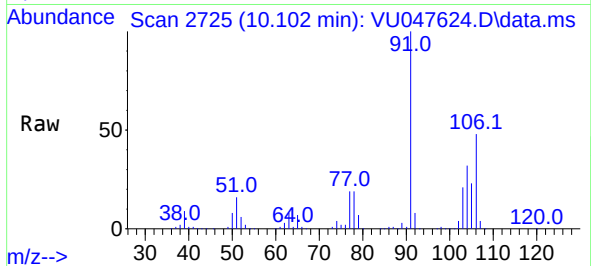
Tgt Ion:106 Resp: 16606
Ion Ratio Lower Upper
106 100
91 210.1 109.4 328.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

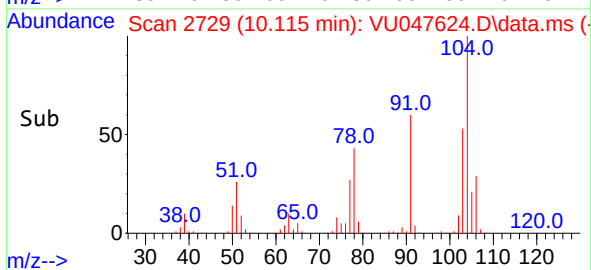
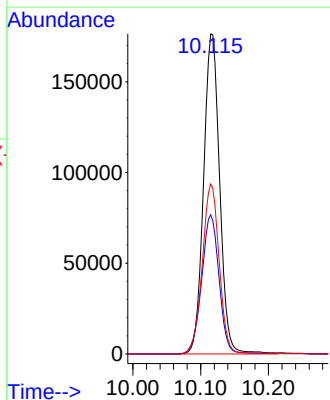
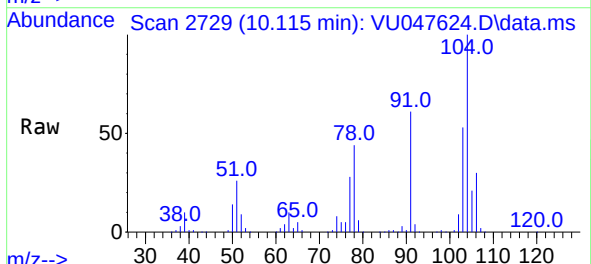
03/22/2022
Supervised By :Mahesh
Dadoda

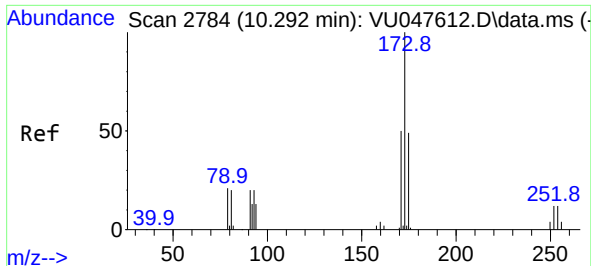
04/01/2022



#66
Styrene
Concen: 11.799 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

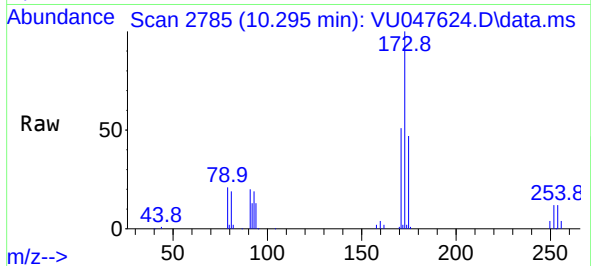
Tgt Ion:104 Resp: 291594
Ion Ratio Lower Upper
104 100
78 46.7 42.4 63.6
103 55.8 44.2 66.4





#67
Bromoform
Concen: 11.250 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



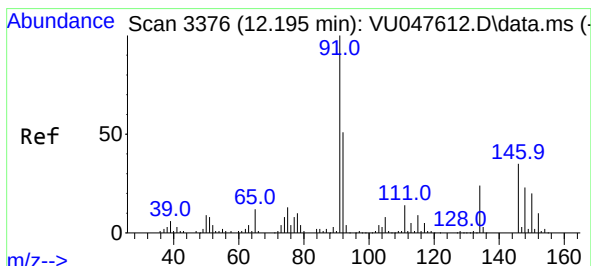
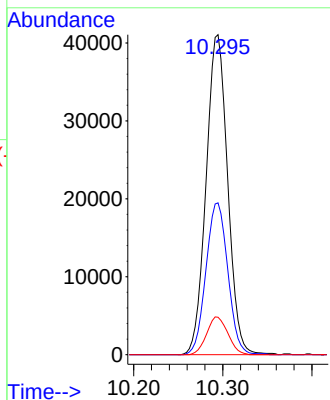
Tgt Ion:173 Resp: 69084
Ion Ratio Lower Upper
173 100
175 48.1 39.0 58.4
254 11.6 5.5 8.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

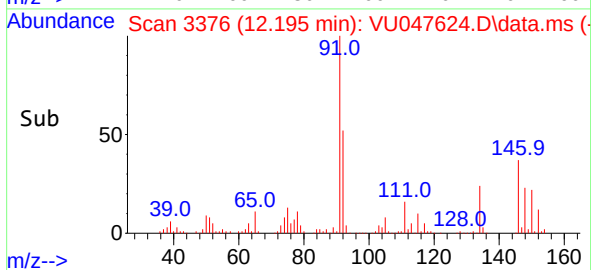
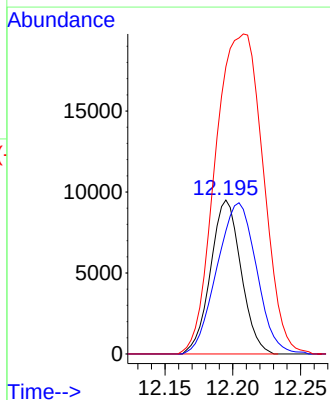
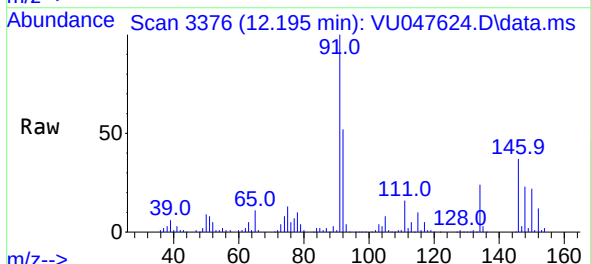
03/22/2022
Supervised By :Mahesh
Dadoda

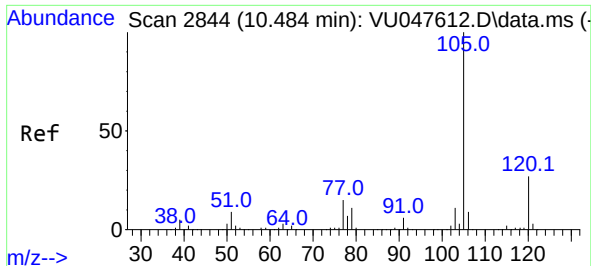
04/01/2022



#68
1,2-Dichlorobenzene-d4
Concen: 1.051 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Tgt Ion:152 Resp: 14877
Ion Ratio Lower Upper
152 100
115 127.6 0.0 251.0
150 324.8 0.0 613.8





#69
Isopropylbenzene
Concen: 11.632 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 44132
Ion Ratio Lower Upper
105 100
120 27.2 12.8 38.4

Manual Integrations

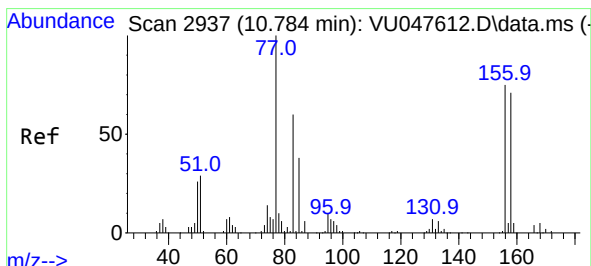
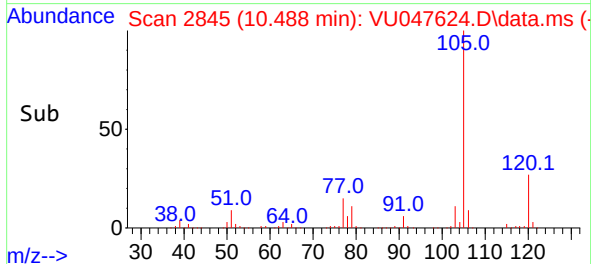
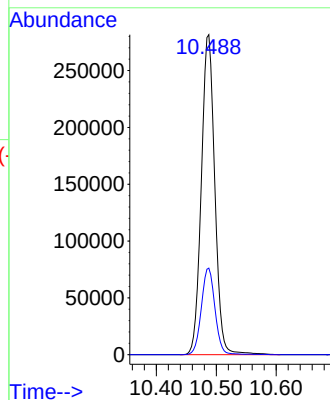
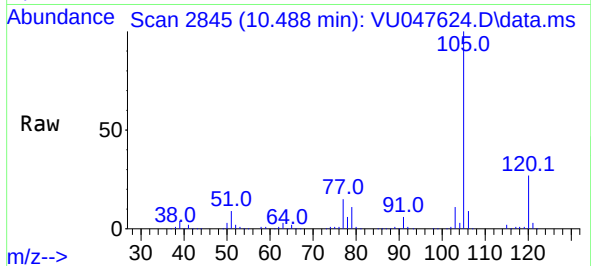
APPROVED

Reviewed By :John
Carlone

03/22/2022

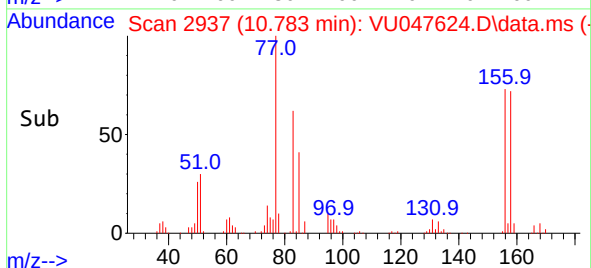
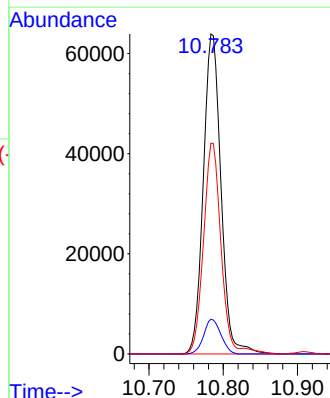
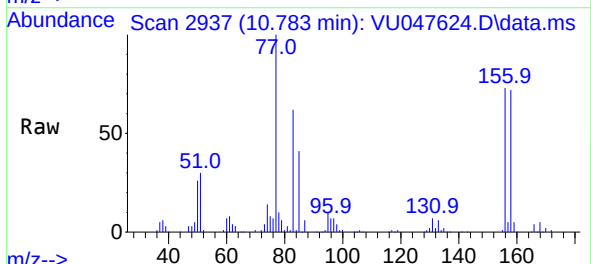
Supervised By :Mahesh
Dadoda

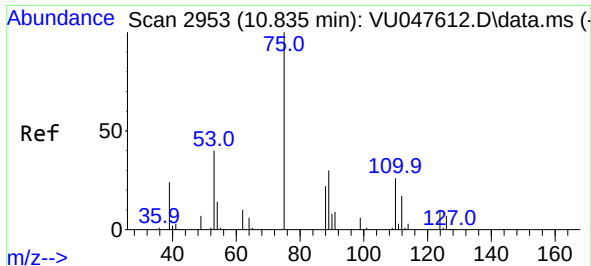
04/01/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 10.847 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

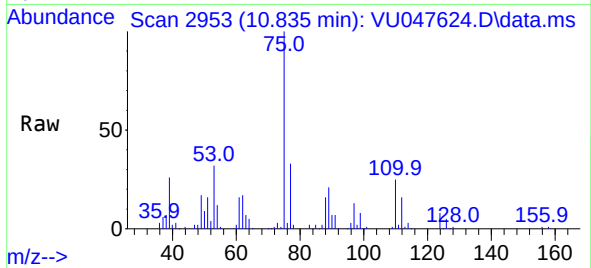
Tgt Ion: 83 Resp: 105525
Ion Ratio Lower Upper
83 100
131 10.6 7.6 11.4
85 63.8 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 9.300 ug/l m
RT: 10.835 min Scan# 2953
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



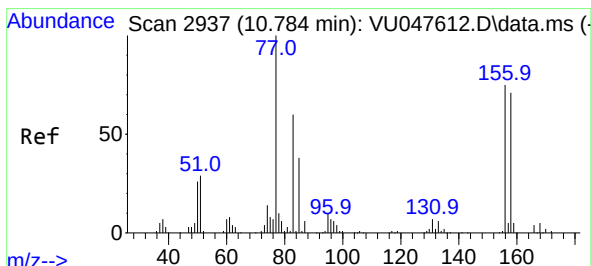
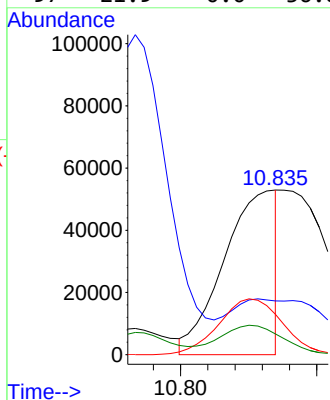
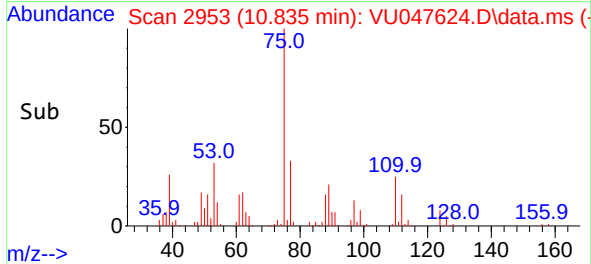
Tgt Ion: 75 Resp: 71420
Ion Ratio Lower Upper
75 100
77 61.6 0.0 105.6
110 41.2 0.0 71.2
97 21.9 0.0 36.8

Manual Integrations
APPROVED

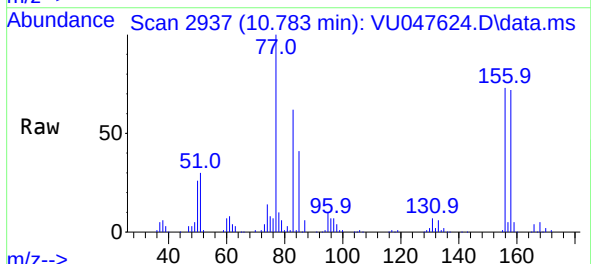
Reviewed By :John
Carlone

03/22/2022
Supervised By :Mahesh
Dadoda

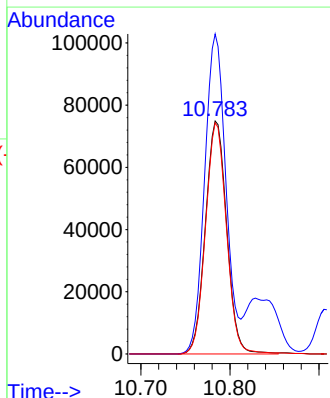
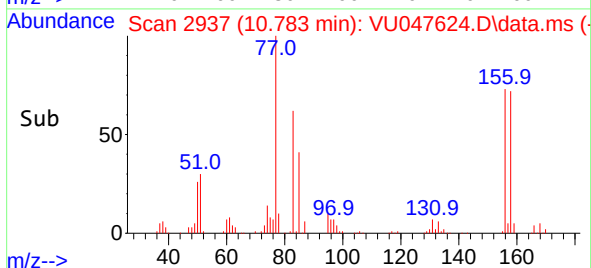
04/01/2022

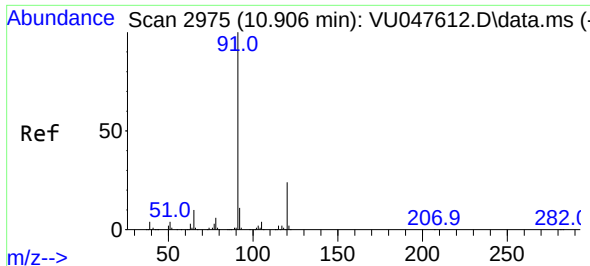


#72
Bromobenzene
Concen: 10.940 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47



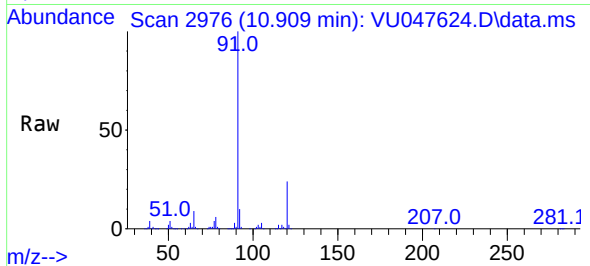
Tgt Ion:156 Resp: 124436
Ion Ratio Lower Upper
156 100
77 136.5 0.0 370.6
158 97.5 0.0 193.4





#73
n-propylbenzene
Concen: 11.827 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



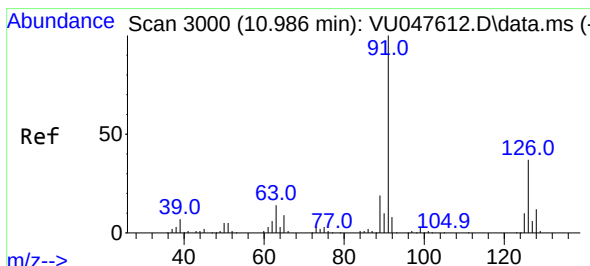
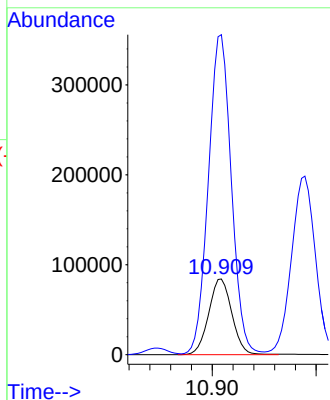
Tgt Ion:120 Resp: 130219
Ion Ratio Lower Upper
120 100
91 420.0 370.7 556.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

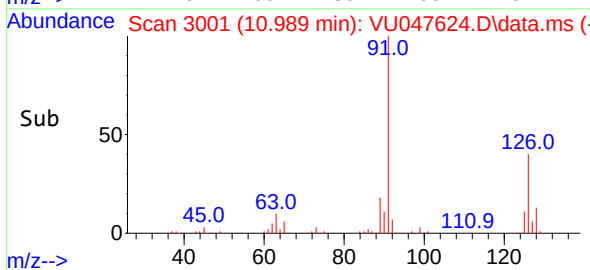
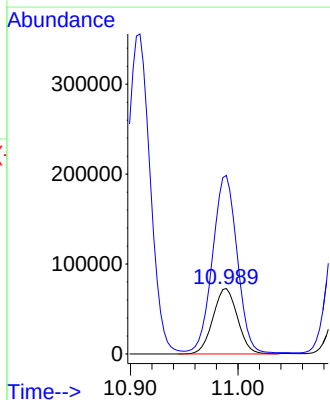
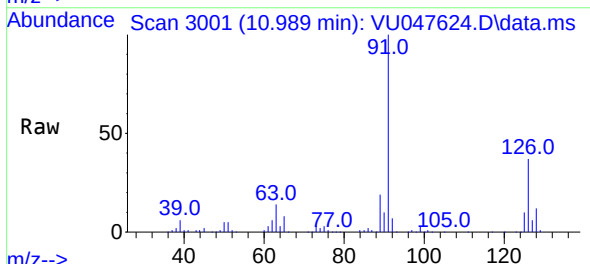
03/22/2022
Supervised By :Mahesh
Dadoda

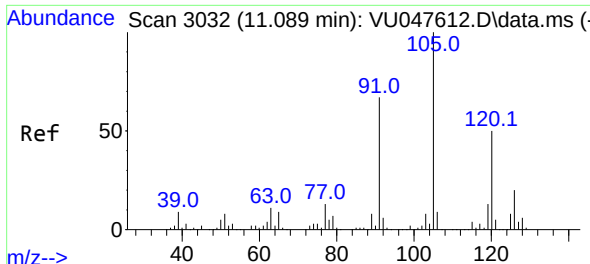
04/01/2022



#74
2-Chlorotoluene
Concen: 11.420 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Tgt Ion:126 Resp: 115475
Ion Ratio Lower Upper
126 100
91 277.4 0.0 639.6





#75
1,3,5-Trimethylbenzene
Concen: 10.201 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

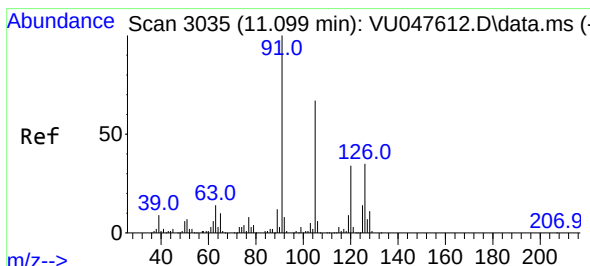
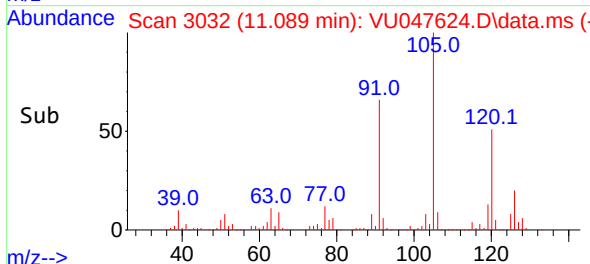
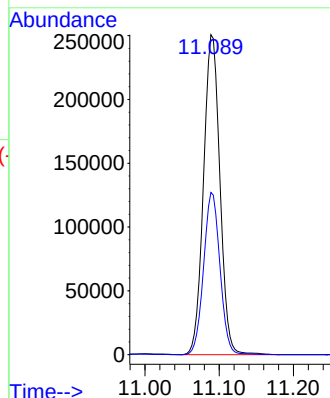
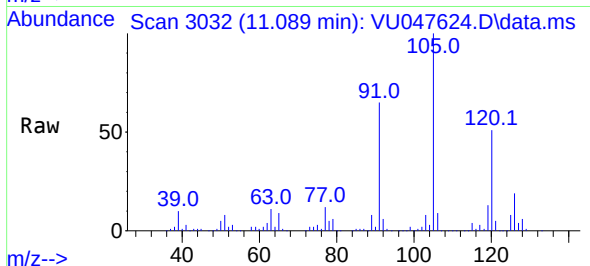
Tgt Ion:105 Resp: 38499
Ion Ratio Lower Upper
105 100
120 50.5 38.6 58.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

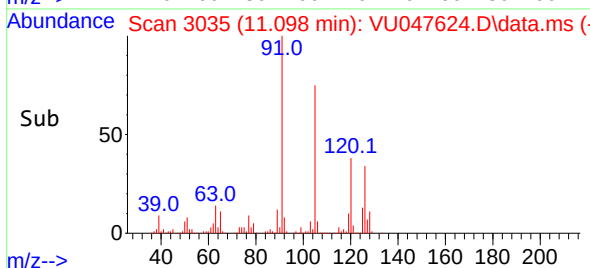
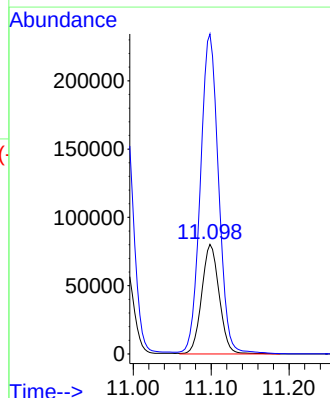
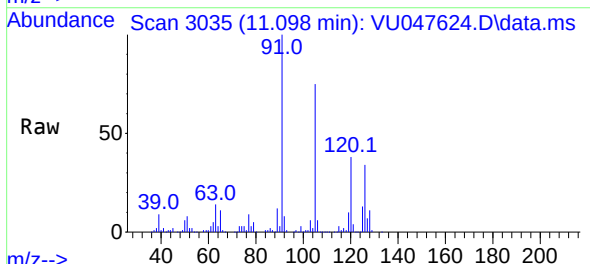
03/22/2022
Supervised By :Mahesh
Dadoda

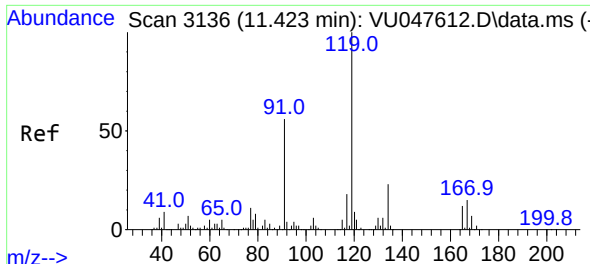
04/01/2022



#76
4-Chlorotoluene
Concen: 11.663 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

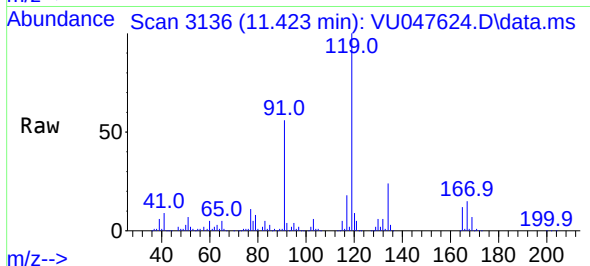
Tgt Ion:126 Resp: 125492
Ion Ratio Lower Upper
126 100
91 303.5 0.0 728.0





#77
tert-Butylbenzene
Concen: 11.632 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



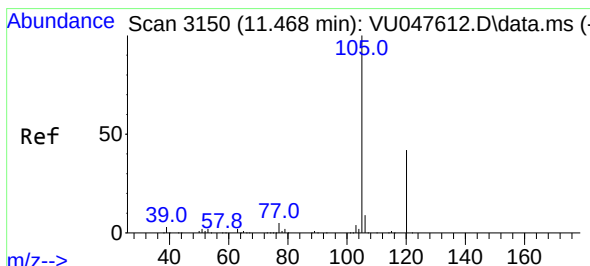
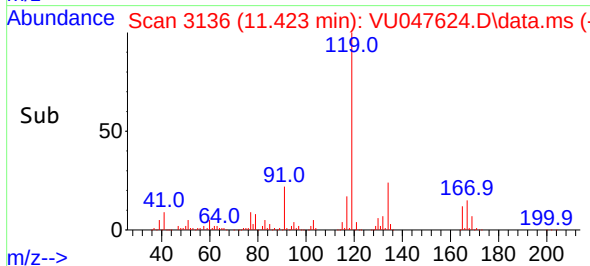
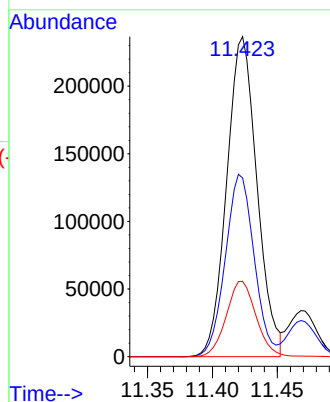
Tgt Ion:119 Resp: 384385
Ion Ratio Lower Upper
119 100
91 54.2 31.4 94.3
134 23.3 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

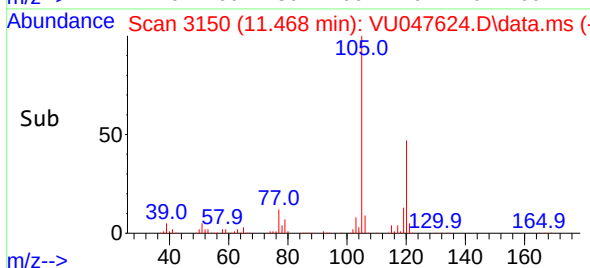
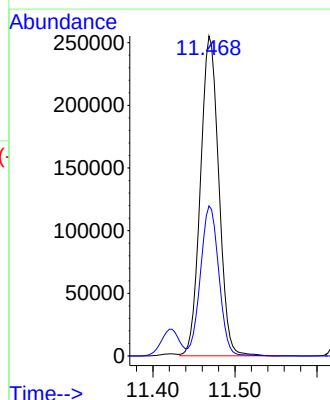
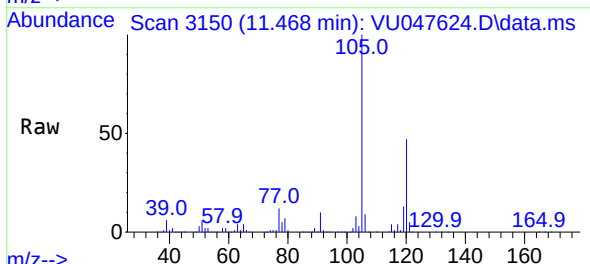
03/22/2022
Supervised By :Mahesh
Dadoda

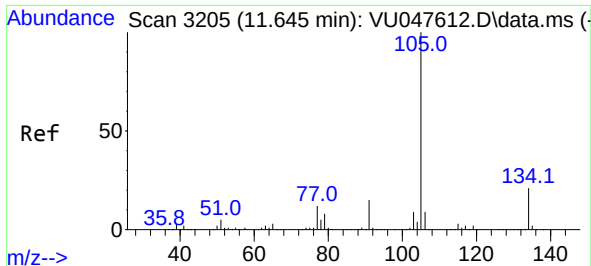
04/01/2022



#78
1,2,4-Trimethylbenzene
Concen: 10.253 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Tgt Ion:105 Resp: 395849
Ion Ratio Lower Upper
105 100
120 47.2 22.3 66.8





#79
sec-Butylbenzene
Concen: 11.717 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

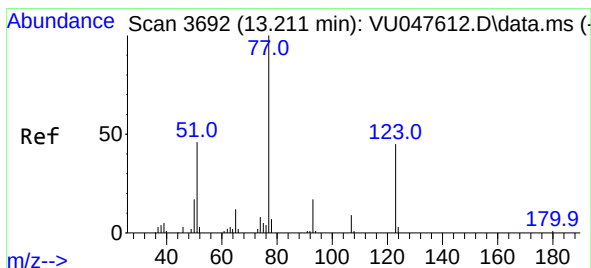
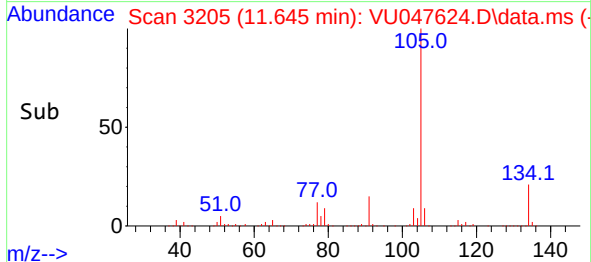
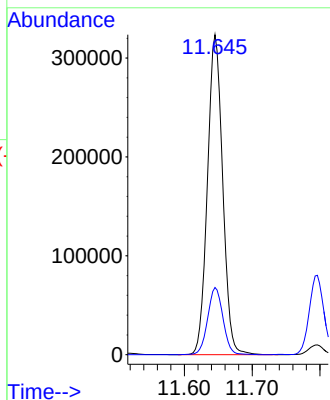
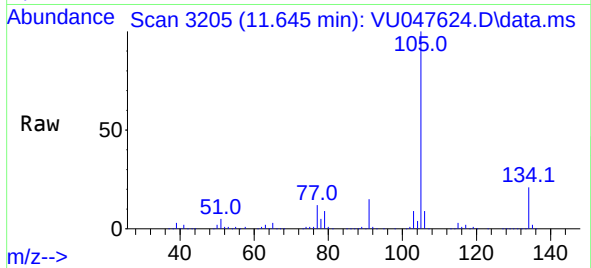
Tgt Ion:105 Resp: 504679
Ion Ratio Lower Upper
105 100
134 21.1 15.4 23.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

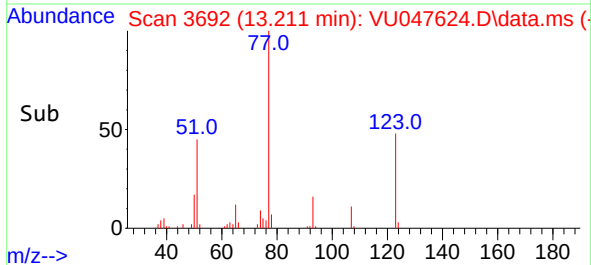
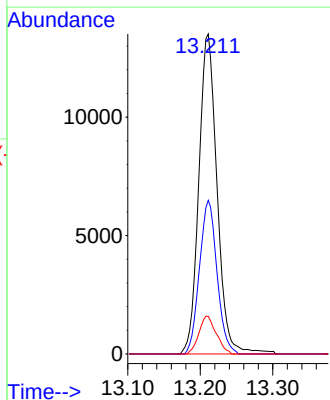
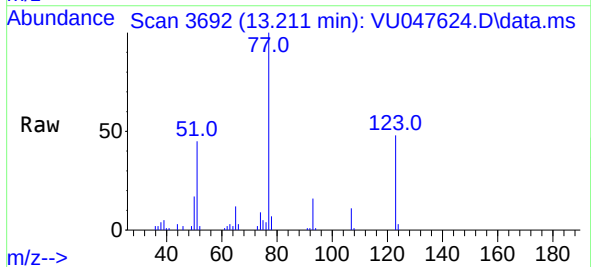
03/22/2022
Supervised By :Mahesh
Dadoda

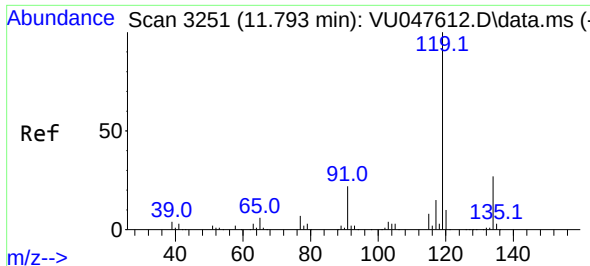
04/01/2022



#80
Nitrobenzene
Concen: 59.505 ug/l
RT: 13.211 min Scan# 3692
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Tgt Ion: 77 Resp: 23641
Ion Ratio Lower Upper
77 100
123 46.0 18.2 64.4
65 11.2 12.0 15.2#





#81
p-Isopropyltoluene
Concen: 10.226 ug/l
RT: 11.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

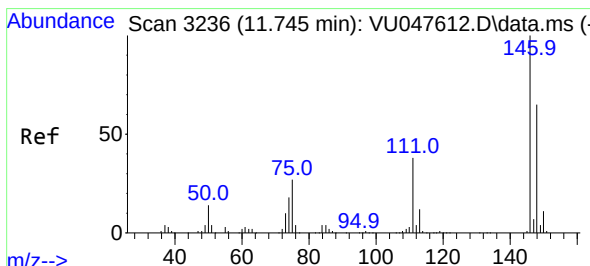
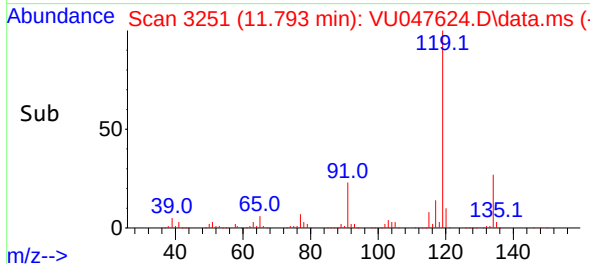
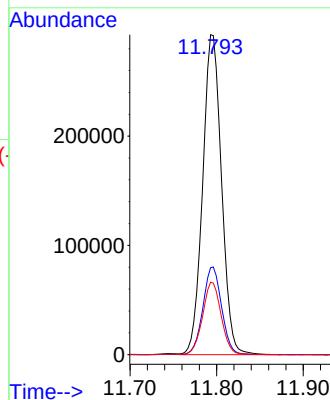
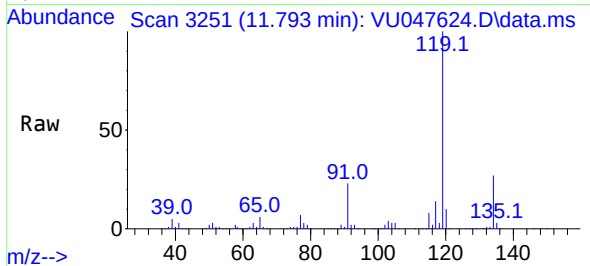
Tgt Ion:119 Resp: 442990
Ion Ratio Lower Upper
119 100
134 27.2 20.2 30.4
91 22.4 19.9 29.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

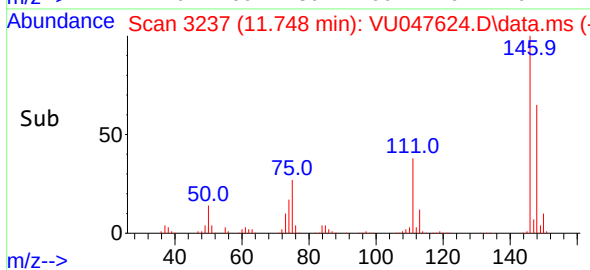
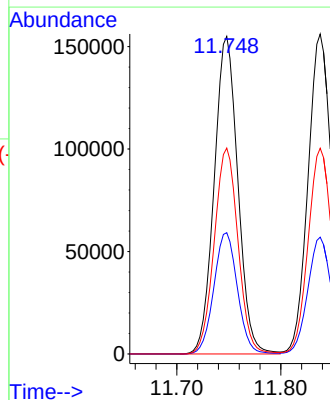
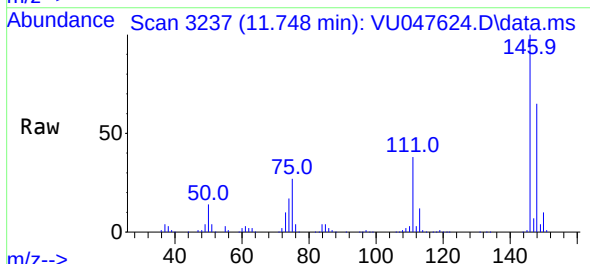
03/22/2022
Supervised By :Mahesh
Dadoda

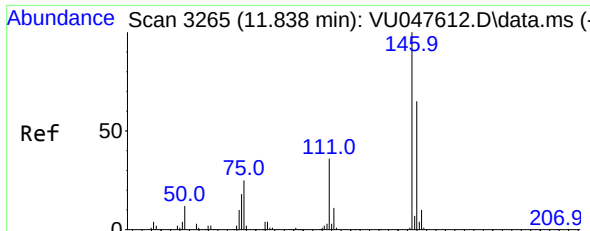
04/01/2022



#82
1,3-Dichlorobenzene
Concen: 10.930 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

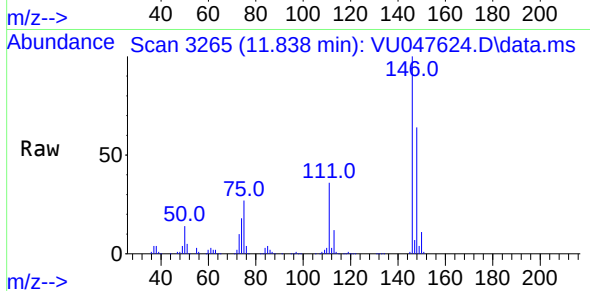
Tgt Ion:146 Resp: 245602
Ion Ratio Lower Upper
146 100
111 38.0 33.9 50.9
148 65.1 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 11.091 ug/l
RT: 11.838 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



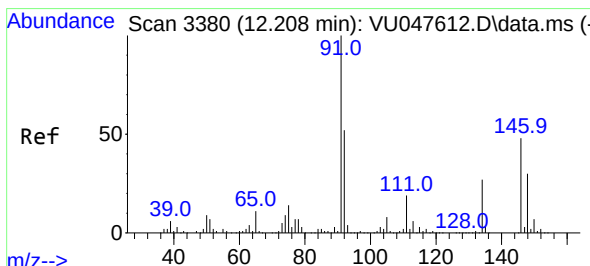
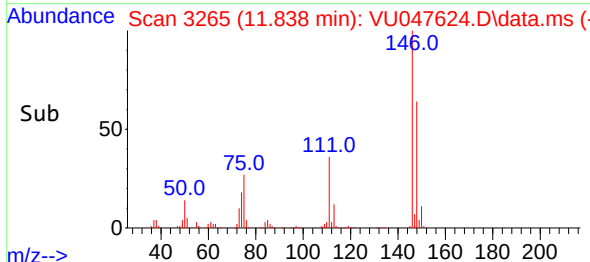
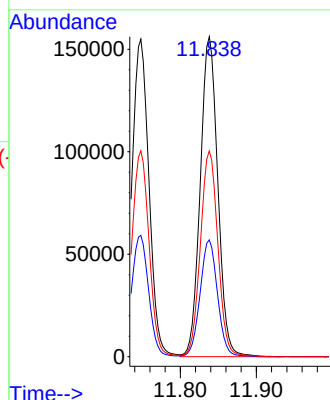
Tgt Ion:146 Resp: 25059
Ion Ratio Lower Upper
146 100
111 36.2 32.7 49.1
148 64.2 51.4 77.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

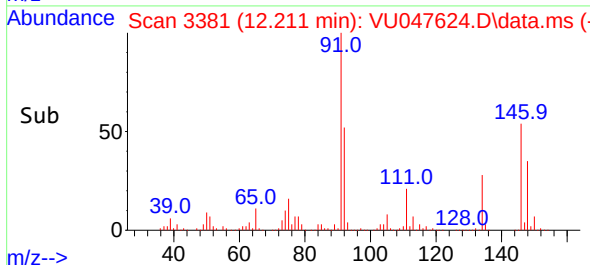
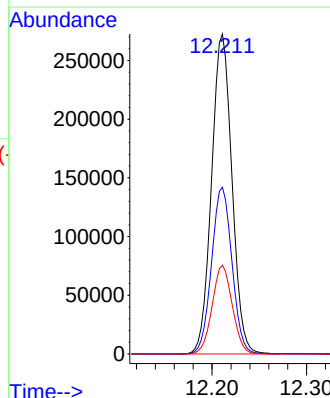
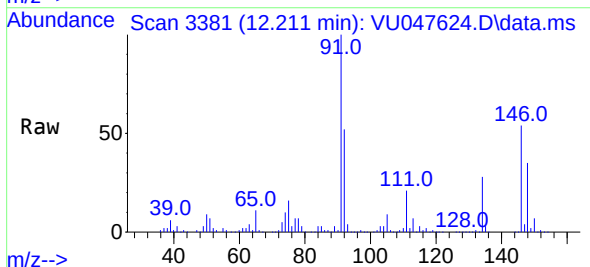
03/22/2022
Supervised By :Mahesh
Dadoda

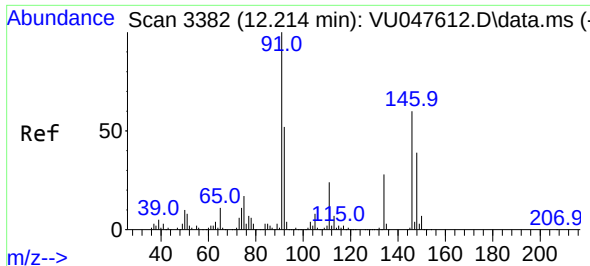
04/01/2022



#84
n-Butylbenzene
Concen: 10.047 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

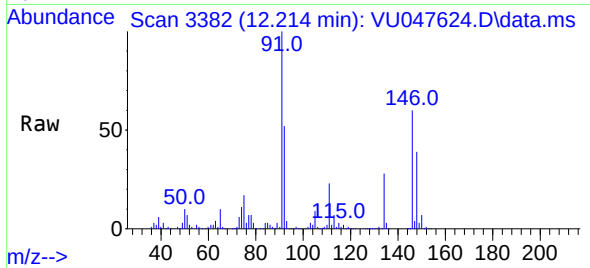
Tgt Ion: 91 Resp: 408387
Ion Ratio Lower Upper
91 100
92 52.1 43.5 65.3
134 27.3 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 11.104 ug/l
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



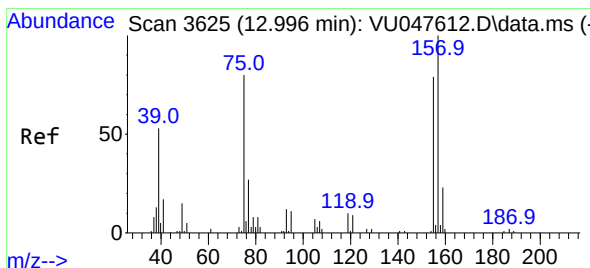
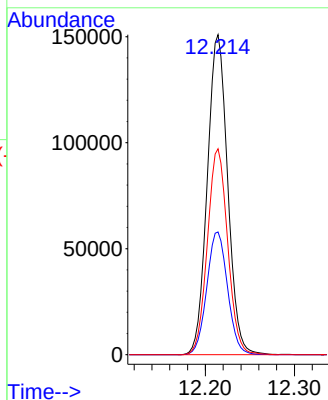
Tgt Ion:146 Resp: 239708
Ion Ratio Lower Upper
146 100
111 39.1 22.1 66.1
148 64.1 31.6 94.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

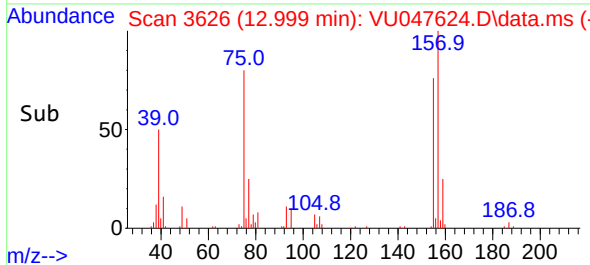
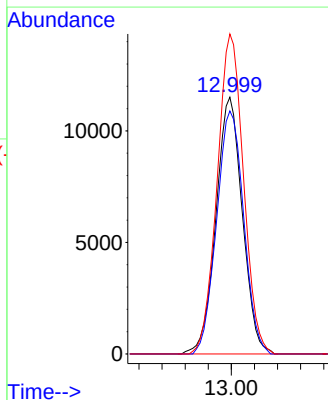
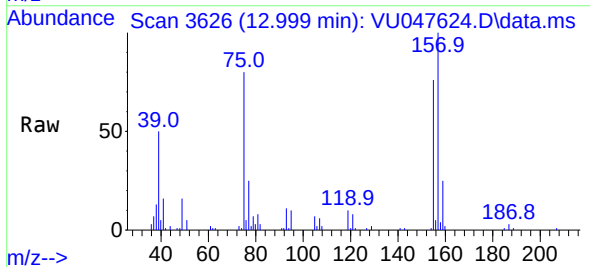
03/22/2022
Supervised By :Mahesh
Dadoda

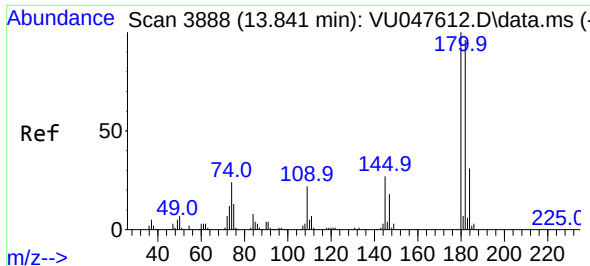
04/01/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 11.122 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Tgt Ion: 75 Resp: 18248
Ion Ratio Lower Upper
75 100
155 97.0 57.8 86.8#
157 124.4 75.1 112.7#





#87
1,2,4-Trichlorobenzene
Concen: 11.408 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:180 Resp: 17585
Ion Ratio Lower Upper
180 100
182 96.7 75.8 113.8
145 27.7 25.3 37.9

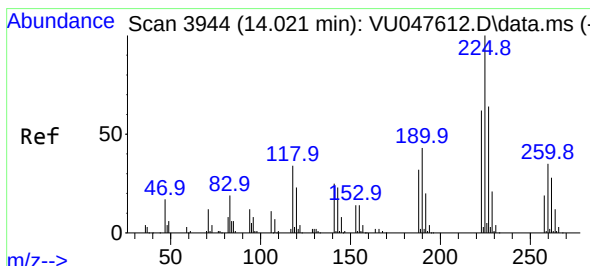
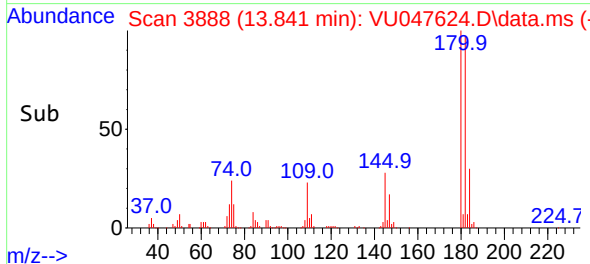
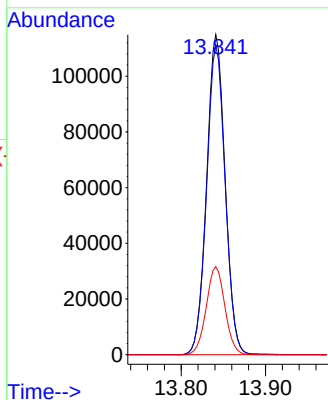
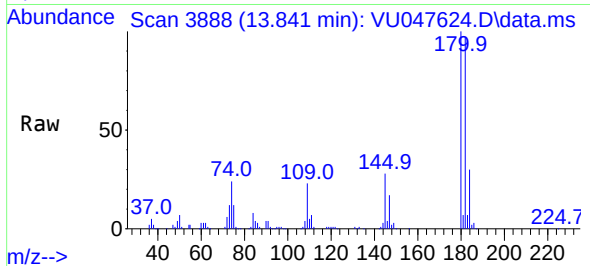
Manual Integrations
APPROVED

Reviewed By :John
Carlone

03/22/2022

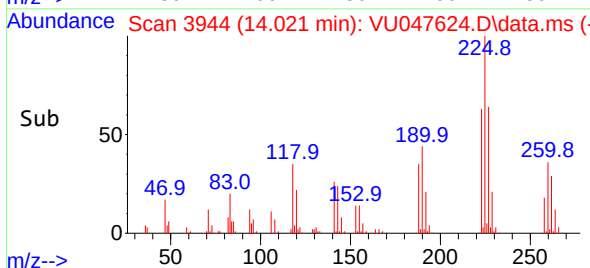
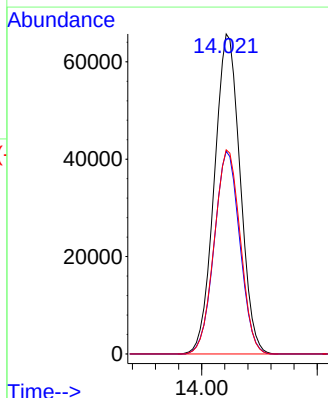
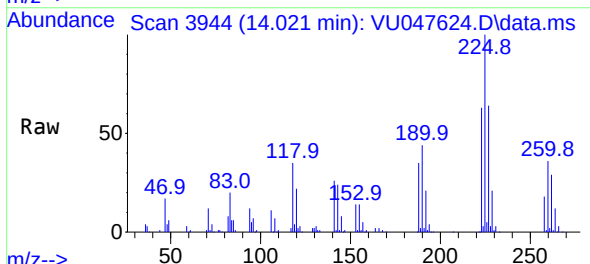
Supervised By :Mahesh
Dadoda

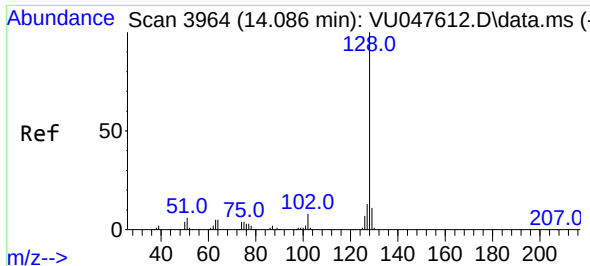
04/01/2022



#88
Hexachlorobutadiene
Concen: 10.999 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

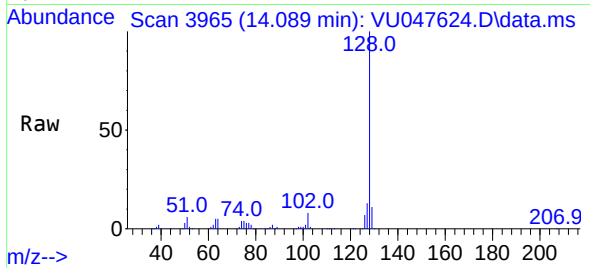
Tgt Ion:225 Resp: 101794
Ion Ratio Lower Upper
225 100
223 62.9 51.1 76.7
227 64.4 49.9 74.9





#89
Naphthalene
Concen: 11.565 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



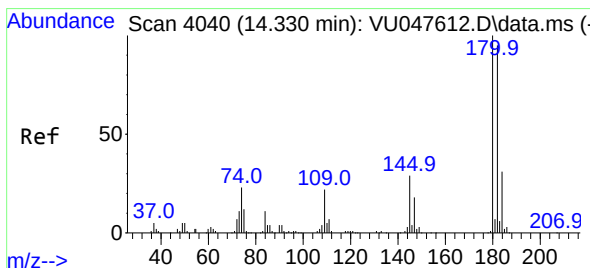
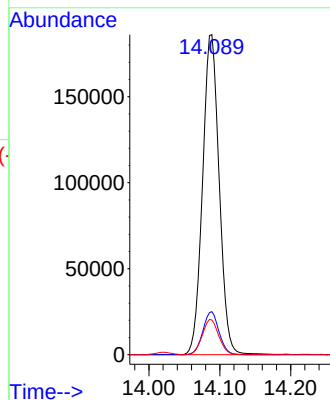
Tgt Ion:128 Resp: 302834
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

03/22/2022
Supervised By :Mahesh
Dadoda

04/01/2022



#90
1,2,3-Trichlorobenzene
Concen: 11.462 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047624.D
Acq: 21 Mar 2022 09:47

Tgt Ion:180 Resp: 166567
Ion Ratio Lower Upper
180 100
182 95.8 75.4 113.0
145 29.0 27.0 40.4

