

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031822\
 Data File : VU047610.D
 Acq On : 18 Mar 2022 10:57
 Operator : SY/MD
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Manual Integrations
 APPROVED

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

Quant Time: Mar 18 11:56:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031822DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Mar 18 11:04:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	31488	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	11799	0.967	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	14661	1.154	ug/l	0.00
Spiked Amount 1.000			Recovery	=	115.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	25400	2.419	ug/l	99
3) Chloromethane	1.527	50	24770	2.297	ug/l	100
4) Vinyl Chloride	1.607	62	23848	2.240	ug/l	98
5) Bromomethane	1.861	94	13579	1.953	ug/l	98
6) Chloroethane	1.938	64	14479	2.368	ug/l	99
7) Trichlorofluoromethane	2.144	101	33452	2.666	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	19246	2.661	ug/l #	89
9) 1,1-Dichloroethene	2.588	96	19046	2.559	ug/l	89
10) Iodomethane	2.726	142	5908	1.507	ug/l	97
11) Allyl Chloride	2.929	41	23418	2.019	ug/l	98
12) Acrylonitrile	3.327	53	8175	3.742	ug/l #	79
13) Acetone	2.649	43	11939	11.379	ug/l	96
14) Carbon Disulfide	2.800	76	59661	2.370	ug/l	99
15) Methylene Chloride	3.051	84	25769	3.083	ug/l	93
16) trans-1,2-Dichloroethene	3.356	96	19327	2.460	ug/l	94
17) 1,1-Dichloroethane	3.874	63	33243	2.310	ug/l	98
18) 2-Butanone	4.732	43	18909	8.592	ug/l	96
19) Cyclohexane	5.391	56	24432m	1.832	ug/l	
20) Methylcyclohexane	6.768	83	28172	1.917	ug/l	95
21) 2,2-Dichloropropane	4.668	77	28282	2.199	ug/l	94
22) cis-1,2-Dichloroethene	4.674	96	20845	2.307	ug/l	89
23) Diethyl Ether	2.382	59	13613	2.263	ug/l	95
24) tert-Butyl Alcohol	3.266	59	7916m	20.235	ug/l	
25) Methyl tert-Butyl Ether	3.372	73	44570	2.135	ug/l	96
26) Bromochloromethane	4.980	128	10091	2.484	ug/l	85
27) Chloroform	5.096	83	35771	2.449	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	30663	2.425	ug/l	97
29) 1,1-Dichloropropene	5.530	75	24984	2.159	ug/l	97
30) Carbon Tetrachloride	5.526	117	27091	2.437	ug/l	98
31) Isopropyl Ether	4.002	45	44702	1.942	ug/l	95
32) Ethyl-t-butyl ether	4.510	59	42520	1.817	ug/l	91
33) Tert-Amyl methyl ether	5.948	73	39212	1.819	ug/l	96
34) Propionitrile	4.816	54	5607	10.451	ug/l #	89
35) Benzene	5.777	78	75320	2.322	ug/l	100
36) 1,2-Dichloroethane	5.800	62	23205	2.363	ug/l	98
37) Trichloroethene	6.546	130	22034	2.454	ug/l	90
38) 1,2-Dichloropropane	6.793	63	19865	2.315	ug/l	100
39) Methacrylonitrile	4.986	41	5250	1.775	ug/l #	89
40) Methyl acrylate	4.858	55	7935	1.587	ug/l #	90
41) Tetrahydrofuran	5.076	42	5252	3.485	ug/l #	78
42) 1-Chlorobutane	5.462	56	32528	2.093	ug/l	99
43) Dibromomethane	6.922	93	11567	2.499	ug/l #	85
44) Bromodichloromethane	7.108	83	27449	2.507	ug/l #	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031822\
 Data File : VU047610.D
 Acq On : 18 Mar 2022 10:57
 Operator : SY/MD
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

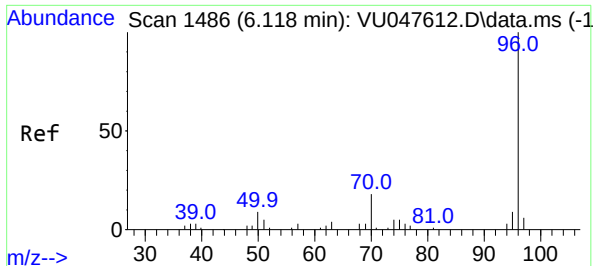
Manual Integrations
 APPROVED

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

Quant Time: Mar 18 11:56:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031822DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Mar 18 11:04:20 2022
 Response via : Initial Calibration

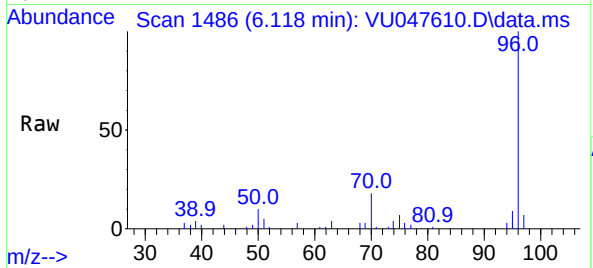
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	58739	9.383	ug/l	98
46) t-1,4-Dichloro-2-butene	10.838	75	9944m	3.649	ug/l	
47) Methyl methacrylate	6.967	69	18240	3.758	ug/l	93
48) Ethyl methacrylate	8.337	69	17080	1.736	ug/l	93
49) Toluene	7.973	92	46091	2.203	ug/l	94
50) t-1,3-Dichloropropene	8.214	75	24853	2.097	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	27634	2.080	ug/l	95
52) 1,1,2-Trichloroethane	8.404	97	16472	2.494	ug/l	97
53) 1,3-Dichloropropane	8.578	76	26660	2.259	ug/l	99
54) 2-Hexanone	8.694	43	42466	9.105	ug/l	97
55) Dibromochloromethane	8.813	129	20988	2.614	ug/l	98
56) 1,2-Dibromoethane	8.925	107	16812	2.519	ug/l	99
58) Tetrachloroethene	8.555	164	20575	2.483	ug/l	95
59) Chlorobenzene	9.449	112	54426	2.333	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	21036	2.624	ug/l	97
61) Pentachloroethane	11.430	117	18145	2.981	ug/l	86
62) Hexachloroethane	12.475	117	17554	2.671	ug/l #	74
63) Ethyl Benzene	9.571	91	83294	2.031	ug/l	97
64) m/p-Xylenes	9.697	106	67055	4.290	ug/l	92
65) o-Xylene	10.102	106	31609	2.088	ug/l	94
66) Styrene	10.115	104	54122	2.106	ug/l	95
67) Bromoform	10.295	173	13607	2.674	ug/l #	98
69) Isopropylbenzene	10.484	105	83109	2.041	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.784	83	21906	2.454	ug/l	98
71) 1,2,3-Trichloropropane	10.829	75	16780m	2.227	ug/l	
72) Bromobenzene	10.784	156	25235	2.537	ug/l	78
73) n-propylbenzene	10.909	120	23964	2.138	ug/l	83
74) 2-Chlorotoluene	10.989	126	22686	2.374	ug/l	79
75) 1,3,5-Trimethylbenzene	11.089	105	70781	2.120	ug/l	97
76) 4-Chlorotoluene	11.099	126	24237	2.414	ug/l	73
77) tert-Butylbenzene	11.423	119	72509	2.164	ug/l	92
78) 1,2,4-Trimethylbenzene	11.468	105	72455	2.126	ug/l	97
79) sec-Butylbenzene	11.645	105	94924	2.133	ug/l	96
80) Nitrobenzene	13.211	77	4379	10.159	ug/l #	97
81) p-Isopropyltoluene	11.793	119	78012	2.072	ug/l	96
82) 1,3-Dichlorobenzene	11.748	146	50574	2.612	ug/l	97
83) 1,4-Dichlorobenzene	11.838	146	50304	2.579	ug/l	97
84) n-Butylbenzene	12.211	91	73248	2.026	ug/l	95
85) 1,2-Dichlorobenzene	12.214	146	48037	2.578	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.999	75	3682	2.249	ug/l #	70
87) 1,2,4-Trichlorobenzene	13.841	180	33368	2.280	ug/l	98
88) Hexachlorobutadiene	14.021	225	19845	2.653	ug/l	98
89) Naphthalene	14.089	128	49680	1.658	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	31578	2.406	ug/l	98

(#) = 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: VU047610.D
Acq: 18 Mar 2022 10:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

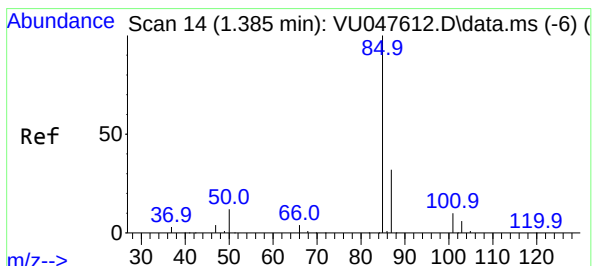
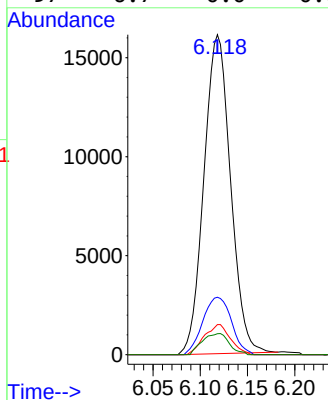
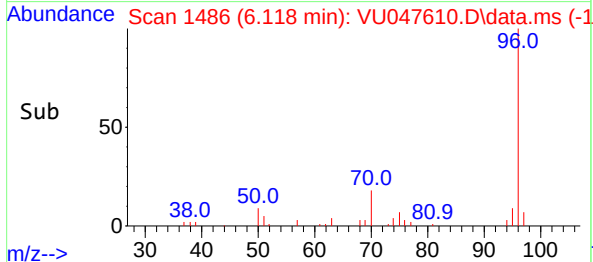


Tgt Ion: 96 Resp: 3148

Ion	Ratio	Lower	Upper
96	100		
70	19.4	16.8	25.2
95	9.3	7.3	10.9
97	6.7	0.0	0.0

Manual Integrations
APPROVED

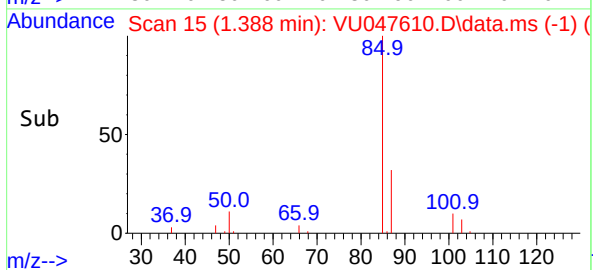
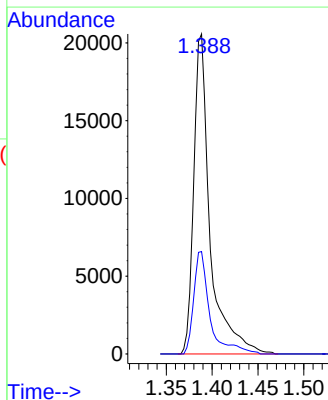
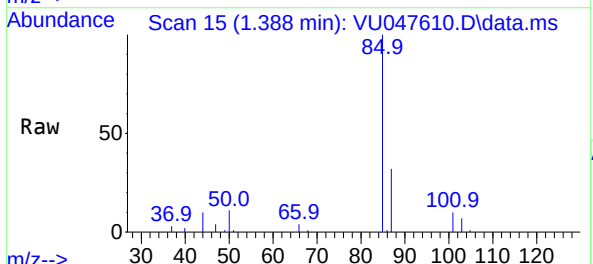
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



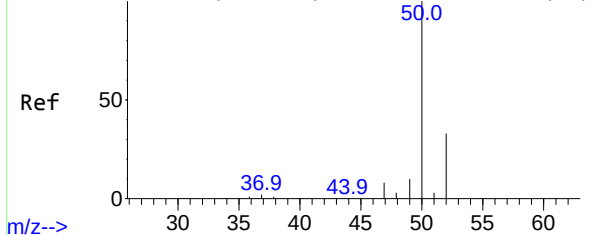
#2
Dichlorodifluoromethane
Concen: 2.419 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Tgt Ion: 85 Resp: 25400

Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.2	48.6



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



#3

Chloromethane

Concen: 2.297 ug/l

RT: 1.527 min Scan# 58

Delta R.T. -0.003 min

Lab File: VU047610.D

Acq: 18 Mar 2022 10:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 50 Resp: 24770

Ion Ratio Lower Upper

50 100

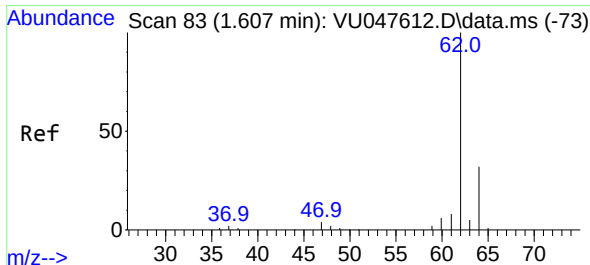
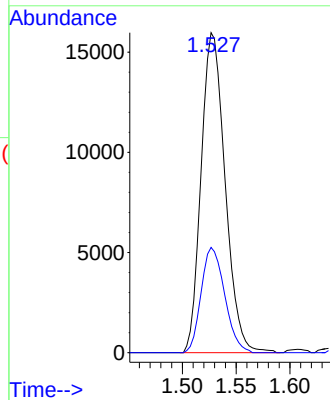
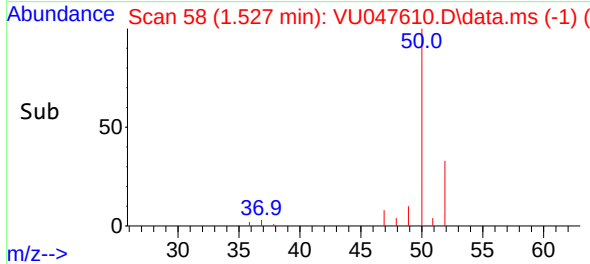
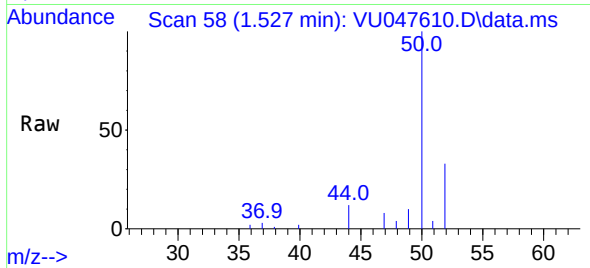
52 32.9 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#4

Vinyl Chloride

Concen: 2.240 ug/l

RT: 1.607 min Scan# 83

Delta R.T. -0.003 min

Lab File: VU047610.D

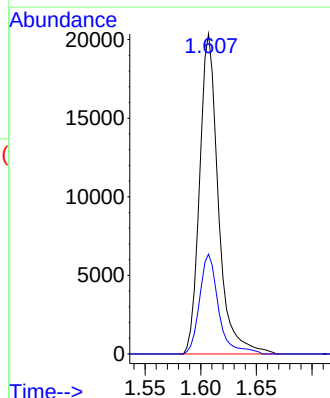
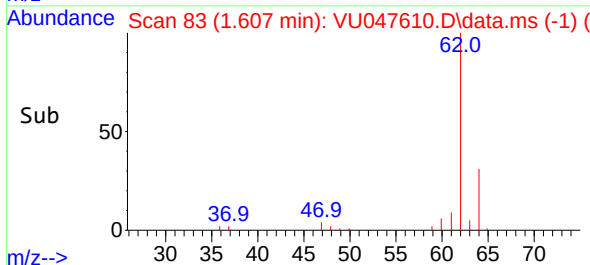
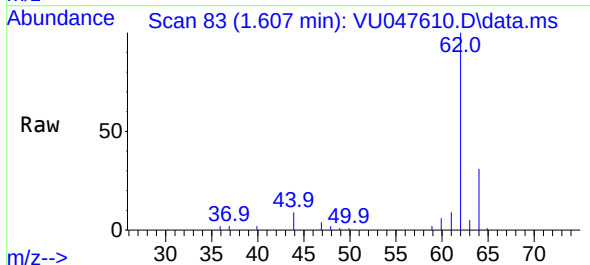
Acq: 18 Mar 2022 10:57

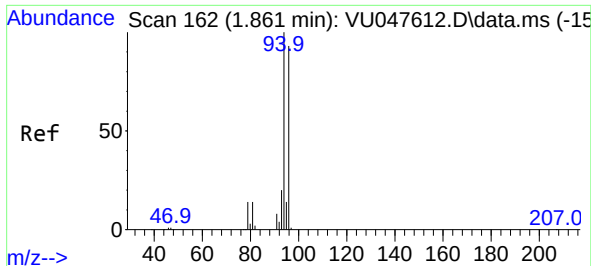
Tgt Ion: 62 Resp: 23848

Ion Ratio Lower Upper

62 100

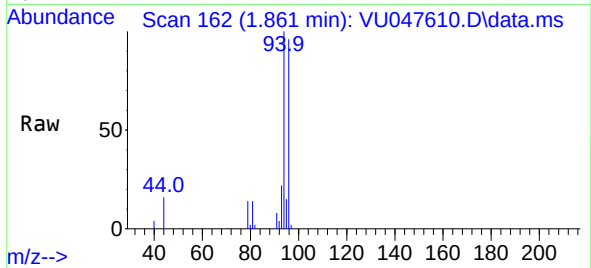
64 31.2 26.0 39.0





#5
Bromomethane
Concen: 1.953 ug/l
RT: 1.861 min Scan# 162
Delta R.T. -0.003 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

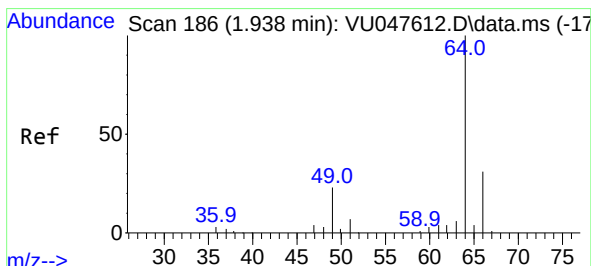
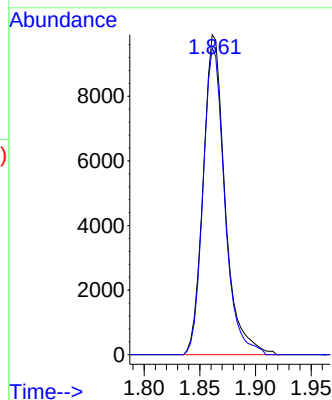
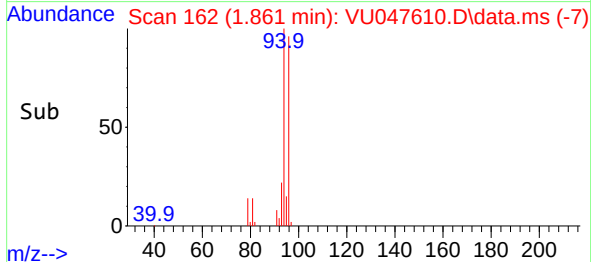
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



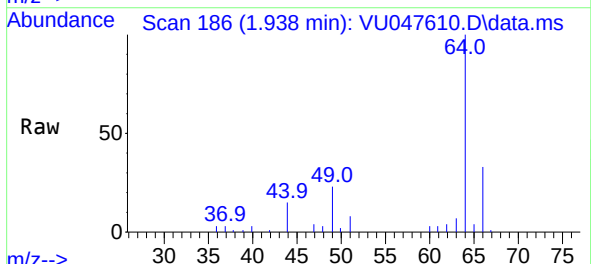
Tgt Ion: 94 Resp: 13579
Ion Ratio Lower Upper
94 100
96 95.9 75.0 112.4

Manual Integrations
APPROVED

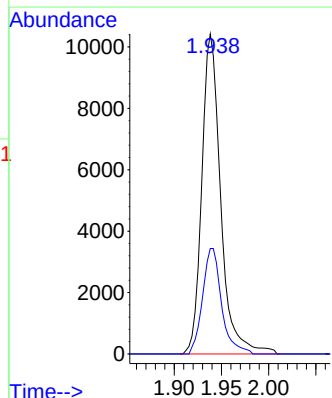
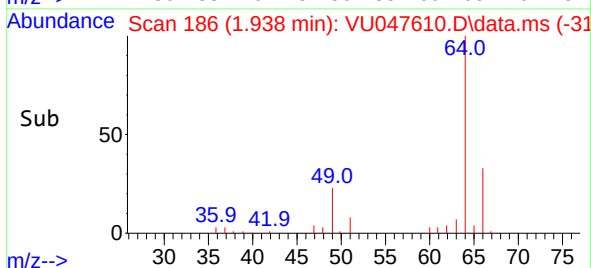
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

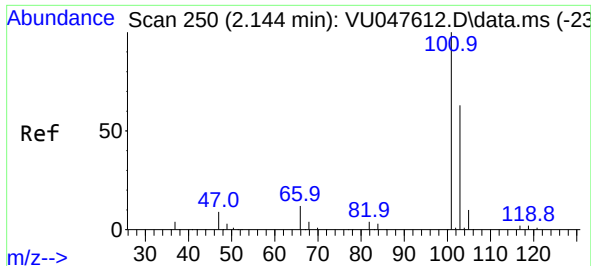


#6
Chloroethane
Concen: 2.368 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57



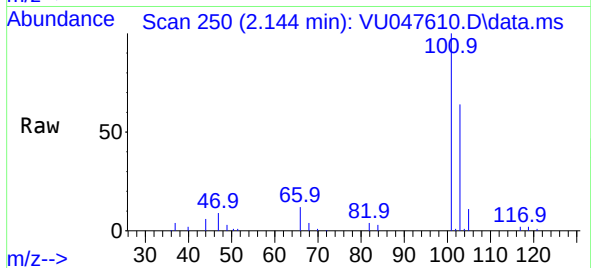
Tgt Ion: 64 Resp: 14479
Ion Ratio Lower Upper
64 100
66 33.0 25.8 38.8





#7
Trichlorofluoromethane
Concen: 2.666 ug/l
RT: 2.144 min Scan# 210
Delta R.T. -0.003 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

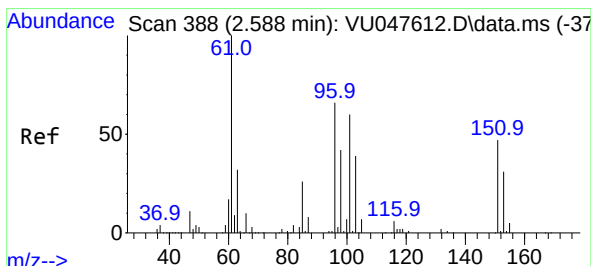
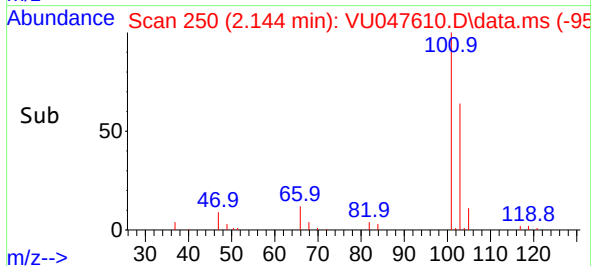
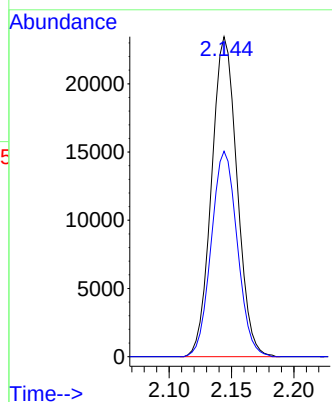
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion:101 Resp: 3345
Ion Ratio Lower Upper
101 100
103 64.2 52.2 78.2

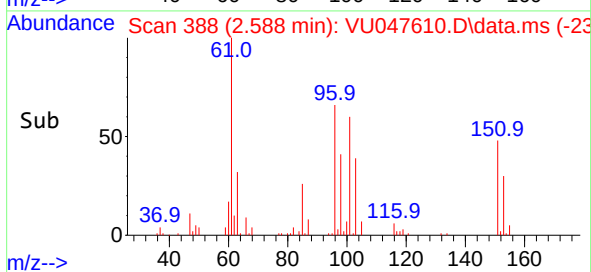
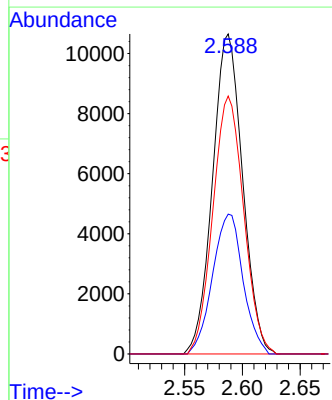
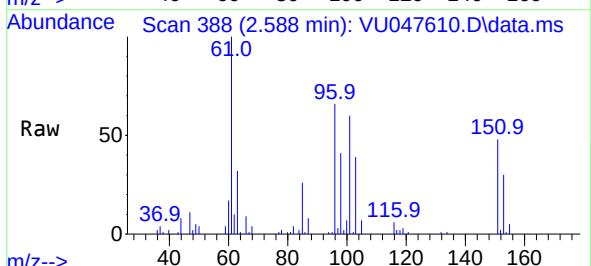
Manual Integrations
APPROVED

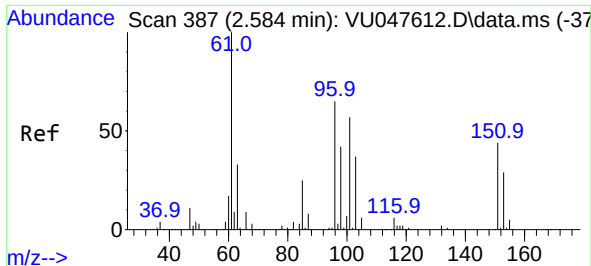
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.661 ug/l
RT: 2.588 min Scan# 388
Delta R.T. -0.003 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Tgt Ion:101 Resp: 19246
Ion Ratio Lower Upper
101 100
85 44.3 35.8 53.6
151 82.5 54.6 81.8#





#9
1,1-Dichloroethene
Concen: 2.559 ug/l
RT: 2.588 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

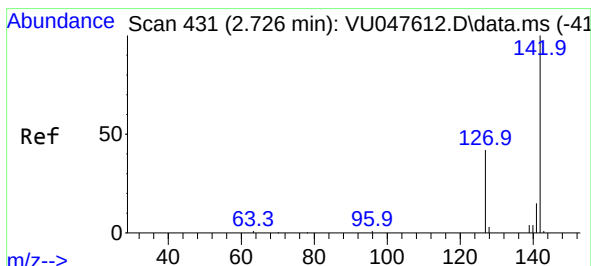
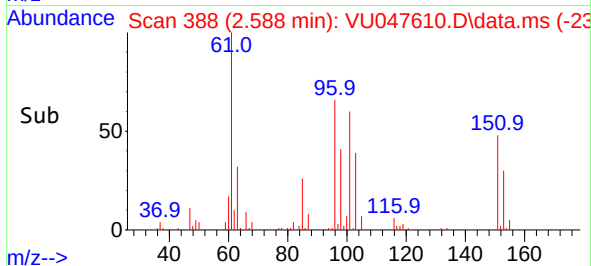
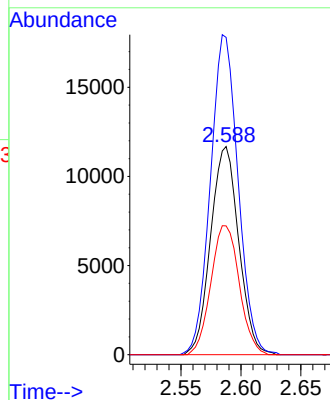
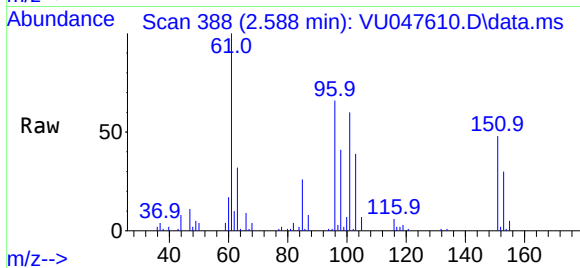
Tgt Ion: 96 Resp: 1904
Ion Ratio Lower Upper
96 100
61 152.4 0.0 514.2
98 61.9 0.0 126.4

Manual Integrations

APPROVED

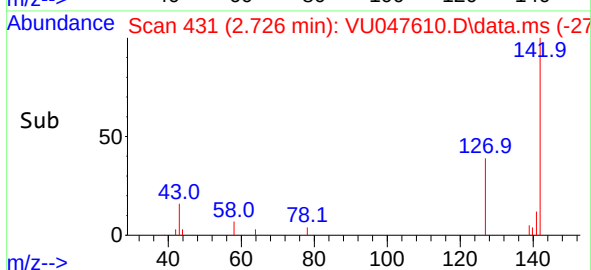
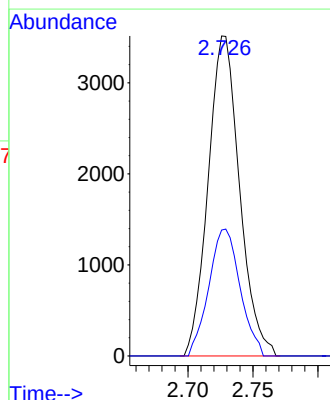
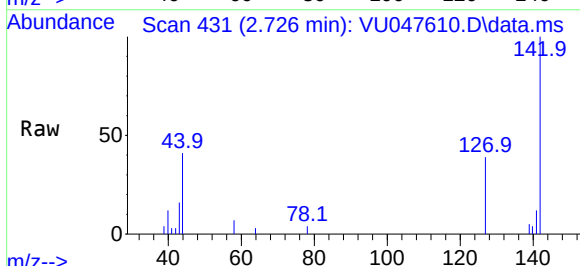
Reviewed By :John Carlone 03/31/2022

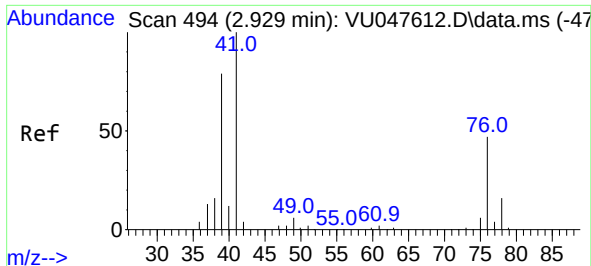
Supervised By :Mahesh Dadoda 03/31/2022



#10
Iodomethane
Concen: 1.507 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.006 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

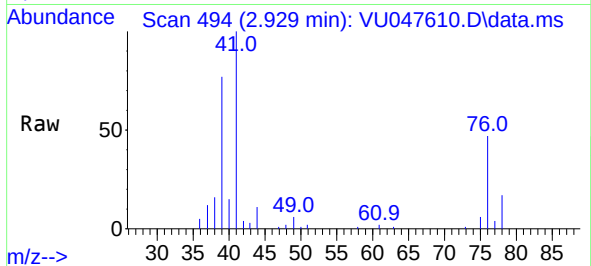
Tgt Ion:142 Resp: 5908
Ion Ratio Lower Upper
142 100
127 39.4 33.2 49.8





#11
 Allyl Chloride
 Concen: 2.019 ug/l
 RT: 2.929 min Scan# 494
 Delta R.T. -0.003 min
 Lab File: VU047610.D
 Acq: 18 Mar 2022 10:57

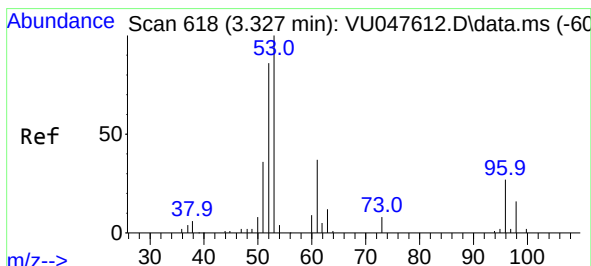
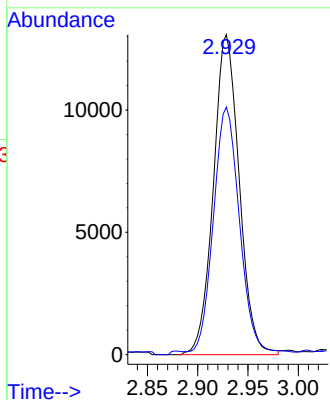
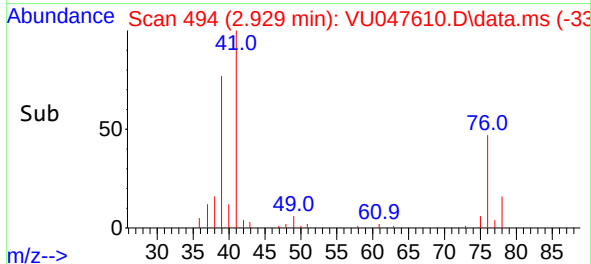
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002



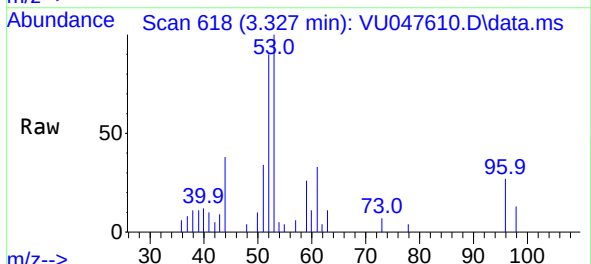
Tgt Ion: 41 Resp: 23418
 Ion Ratio Lower Upper
 41 100
 39 76.3 62.4 93.6

Manual Integrations
 APPROVED

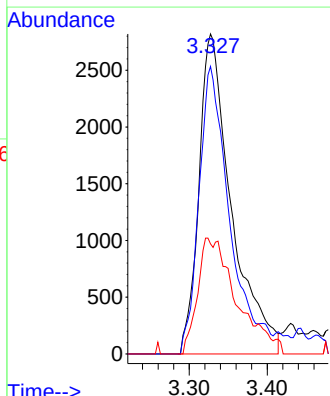
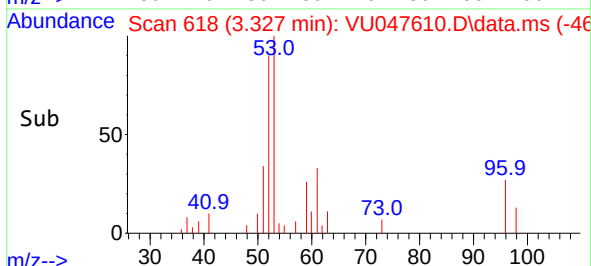
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 03/31/2022

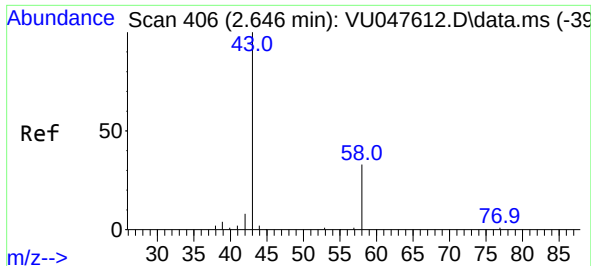


#12
 Acrylonitrile
 Concen: 3.742 ug/l
 RT: 3.327 min Scan# 618
 Delta R.T. 0.006 min
 Lab File: VU047610.D
 Acq: 18 Mar 2022 10:57



Tgt Ion: 53 Resp: 8175
 Ion Ratio Lower Upper
 53 100
 52 82.0 56.7 85.1
 51 17.4 30.3 45.5





#13

Acetone

Concen: 11.379 ug/l

RT: 2.649 min Scan# 406

Delta R.T. 0.013 min

Lab File: VU047610.D

Acq: 18 Mar 2022 10:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 43 Resp: 11939

Ion Ratio Lower Upper

43 100

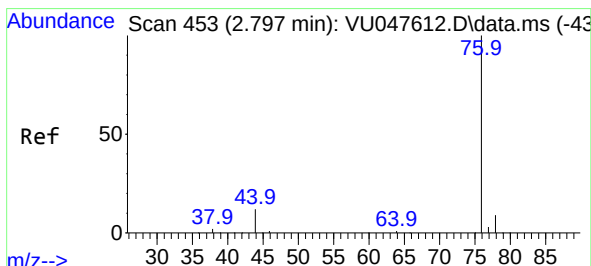
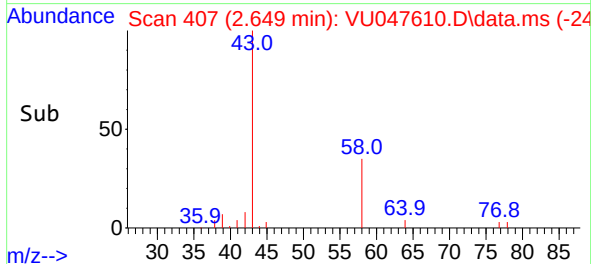
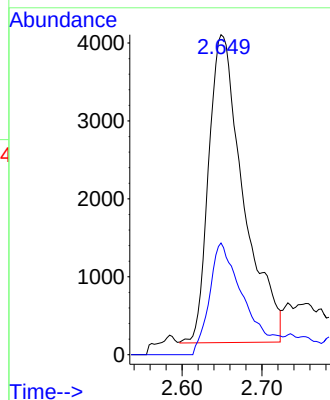
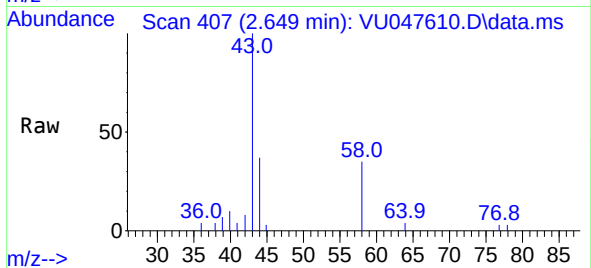
58 36.3 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#14

Carbon Disulfide

Concen: 2.370 ug/l

RT: 2.800 min Scan# 454

Delta R.T. -0.003 min

Lab File: VU047610.D

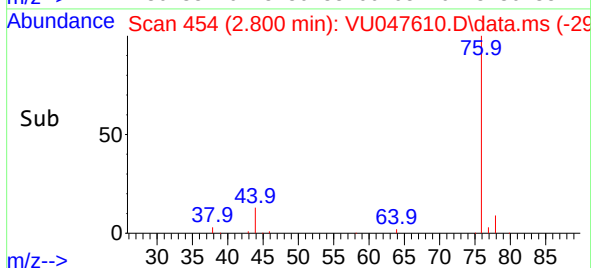
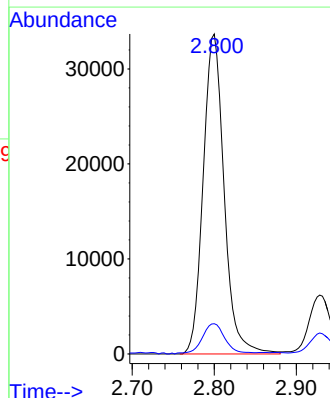
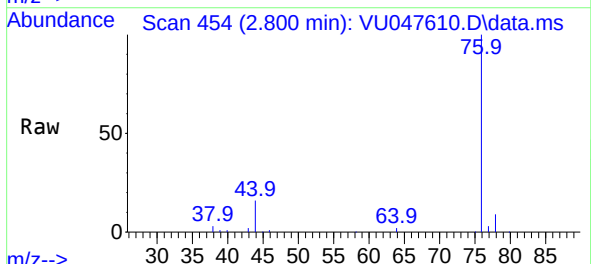
Acq: 18 Mar 2022 10:57

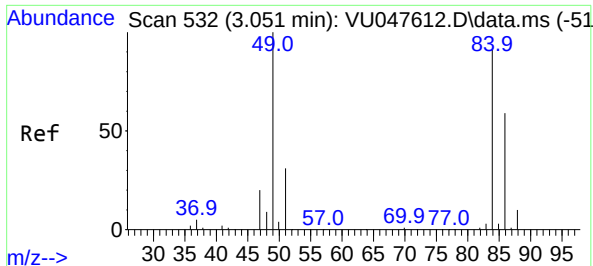
Tgt Ion: 76 Resp: 59661

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7





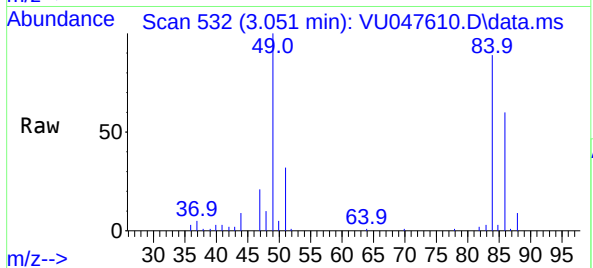
#15
Methylene Chloride
Concen: 3.083 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002



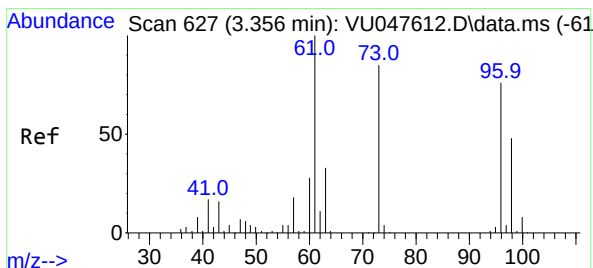
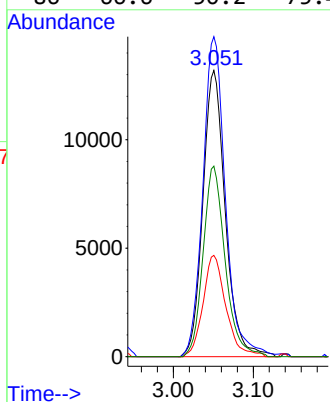
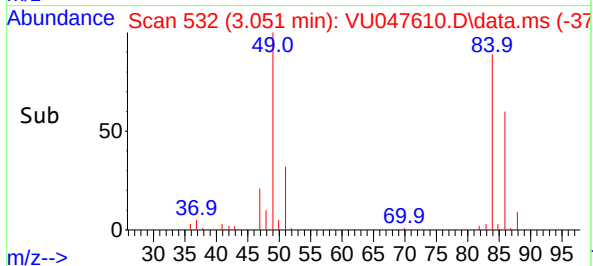
Tgt Ion: 84 Resp: 25769
Ion Ratio Lower Upper
84 100
49 111.8 97.2 145.8
51 35.4 0.0 73.4
86 66.6 50.2 75.4

Manual Integrations

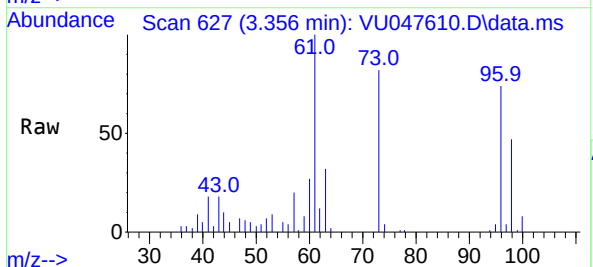
APPROVED

Reviewed By :John Carlone 03/31/2022

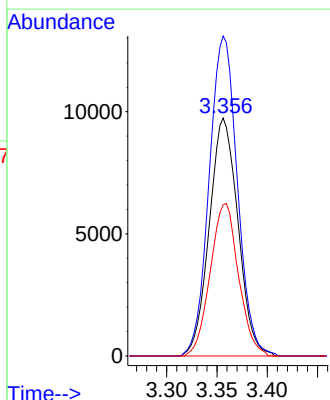
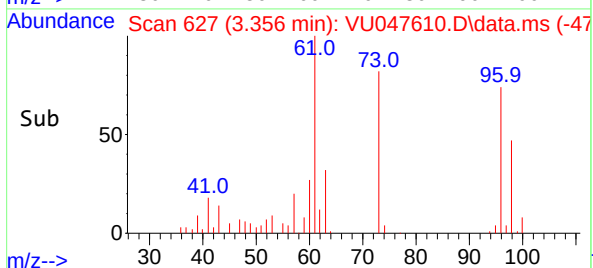
Supervised By :Mahesh Dadoda 03/31/2022

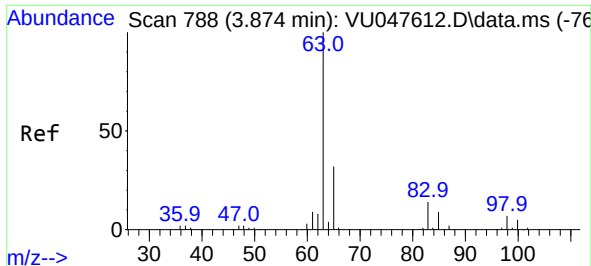


#16
trans-1,2-Dichloroethene
Concen: 2.460 ug/l
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57



Tgt Ion: 96 Resp: 19327
Ion Ratio Lower Upper
96 100
61 134.5 115.8 173.6
98 63.6 51.1 76.7





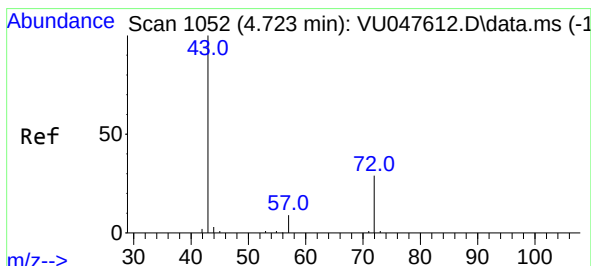
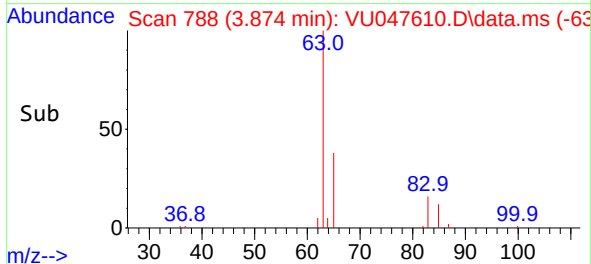
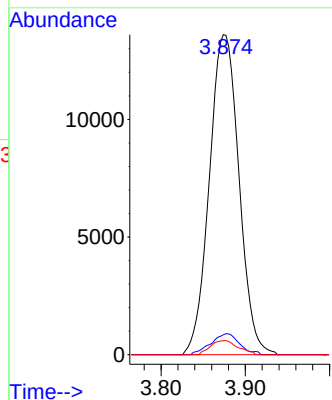
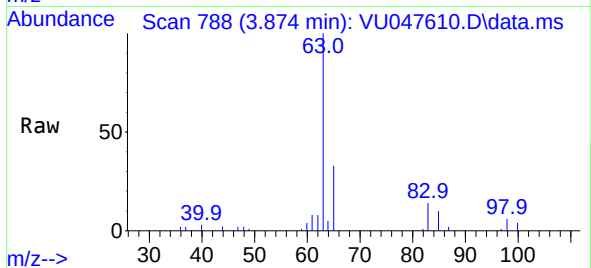
#17
1,1-Dichloroethane
Concen: 2.310 ug/l
RT: 3.874 min Scan# 710
Delta R.T. -0.003 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 63 Resp: 3324
Ion Ratio Lower Upper
63 100
98 6.2 3.6 10.8
100 4.4 2.1 6.5

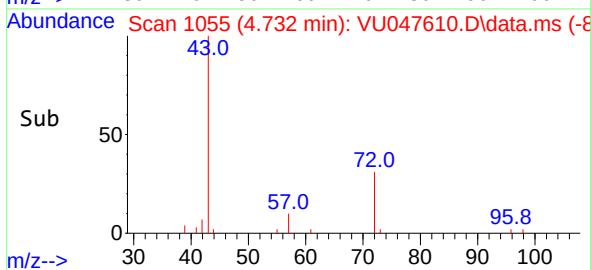
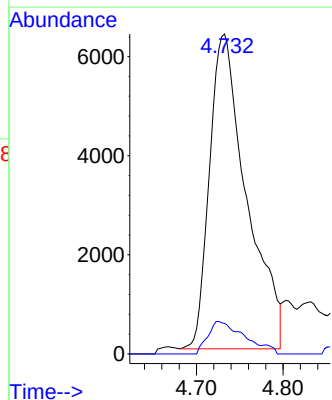
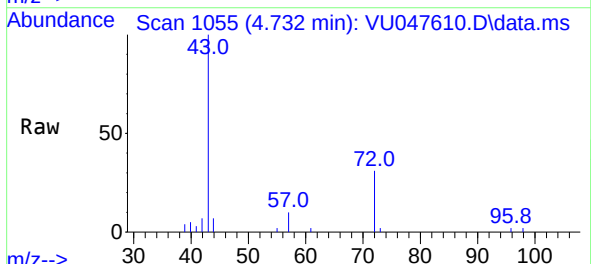
Manual Integrations
APPROVED

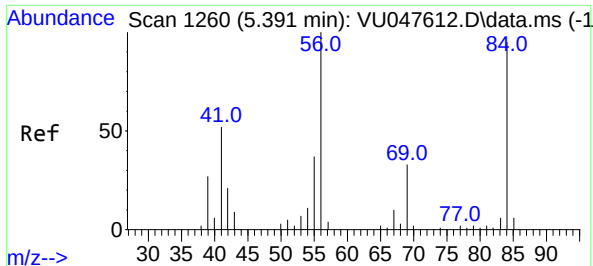
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#18
2-Butanone
Concen: 8.592 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. 0.019 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Tgt Ion: 43 Resp: 18909
Ion Ratio Lower Upper
43 100
57 9.7 0.0 16.6





#19

Cyclohexane

Concen: 1.832 ug/l m

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU047610.D

Acq: 18 Mar 2022 10:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 56 Resp: 2443

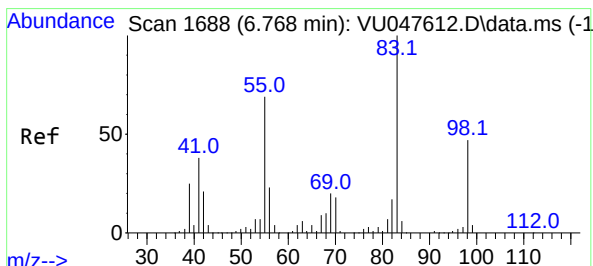
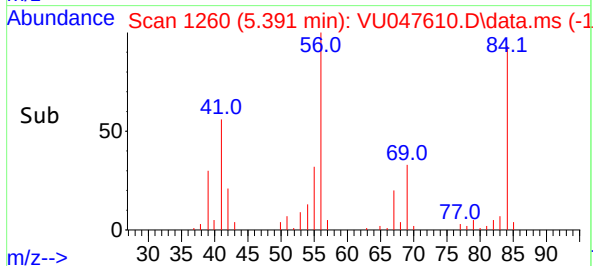
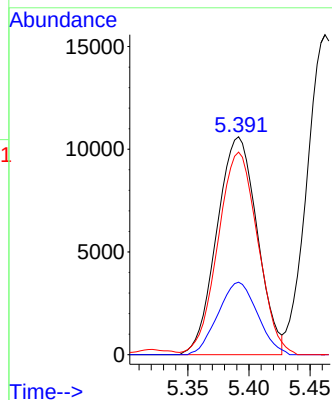
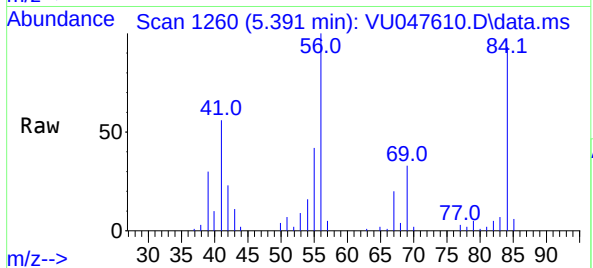
Ion	Ratio	Lower	Upper
56	100		
69	32.4	24.7	37.1
84	90.4	68.8	103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#20

Methylcyclohexane

Concen: 1.917 ug/l

RT: 6.768 min Scan# 1688

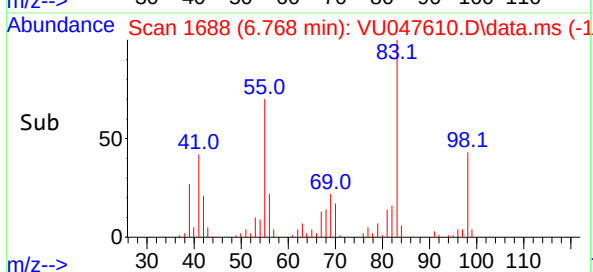
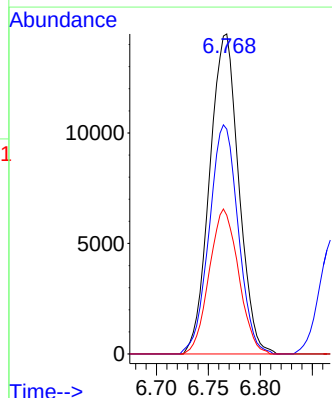
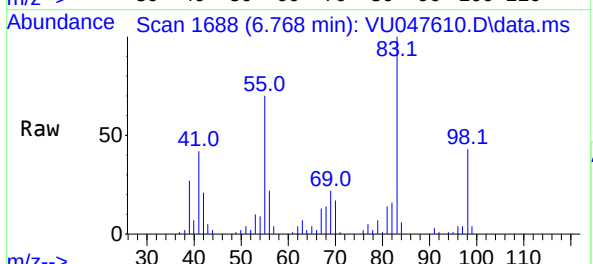
Delta R.T. 0.000 min

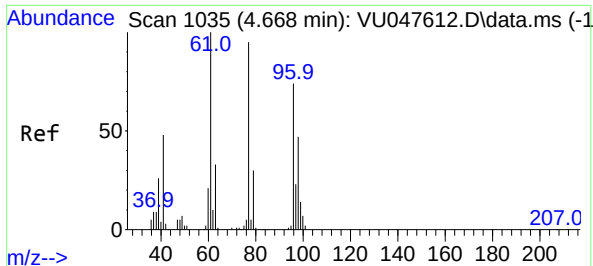
Lab File: VU047610.D

Acq: 18 Mar 2022 10:57

Tgt Ion: 83 Resp: 28172

Ion	Ratio	Lower	Upper
83	100		
55	71.5	61.9	92.9
98	45.7	37.4	56.2





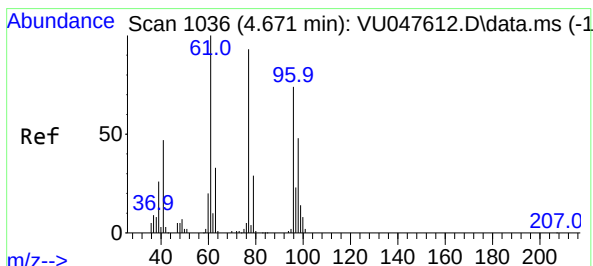
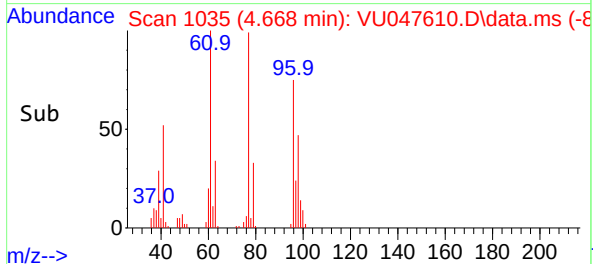
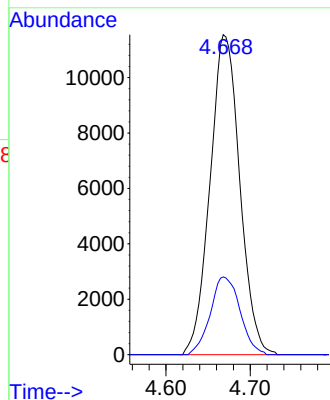
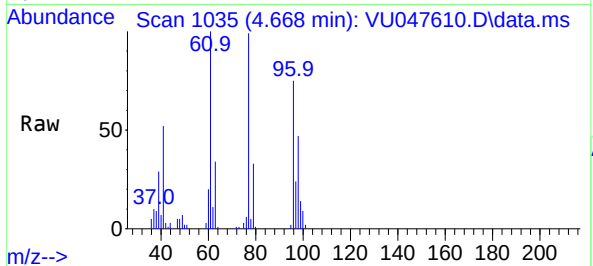
#21
2,2-Dichloropropane
Concen: 2.199 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Instrument : MSVOA_U
ClientSampleId : VSTDIC002

Tgt Ion: 77 Resp: 2828
Ion Ratio Lower Upper
77 100
97 24.3 17.2 25.8

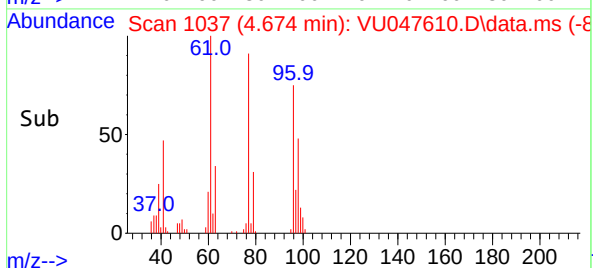
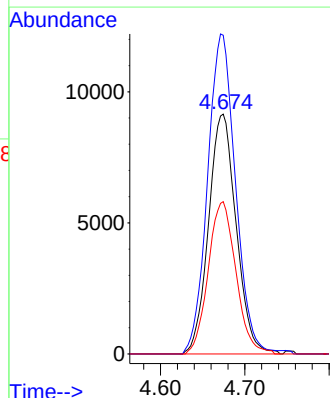
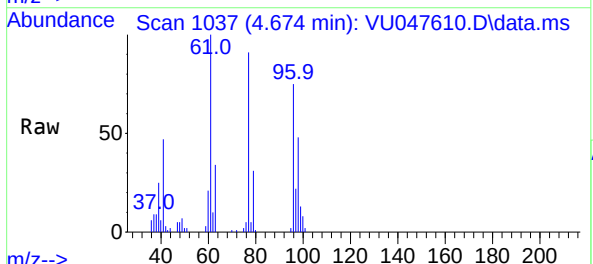
Manual Integrations
APPROVED

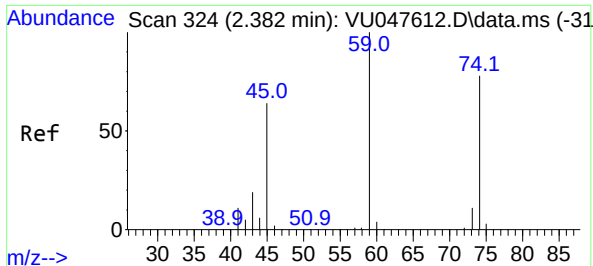
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#22
cis-1,2-Dichloroethene
Concen: 2.307 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

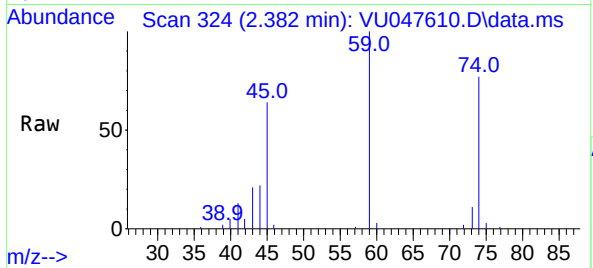
Tgt Ion: 96 Resp: 20845
Ion Ratio Lower Upper
96 100
61 134.7 0.0 385.3
98 63.6 32.1 96.3





#23
Diethyl Ether
Concen: 2.263 ug/l
RT: 2.382 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

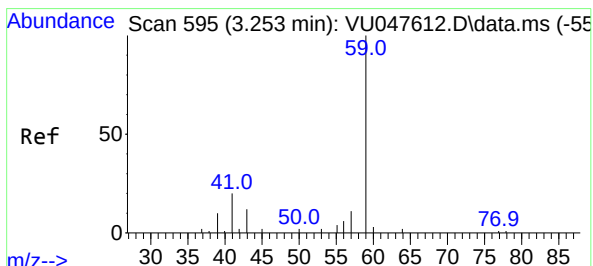
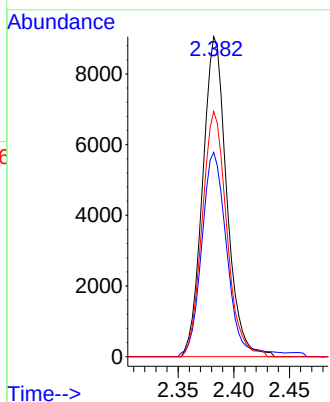
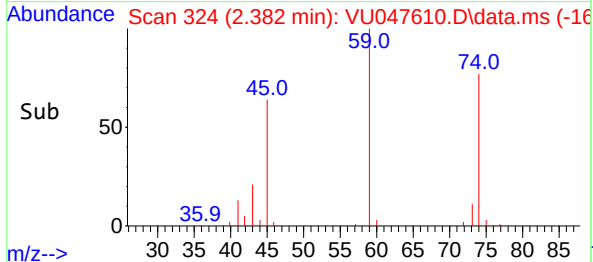
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



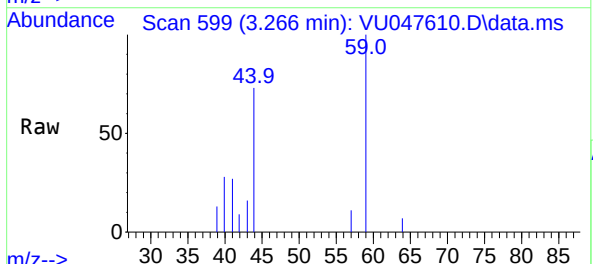
Tgt Ion: 59 Resp: 1361
Ion Ratio Lower Upper
59 100
45 67.0 55.6 83.4
74 77.9 58.1 87.1

Manual Integrations
APPROVED

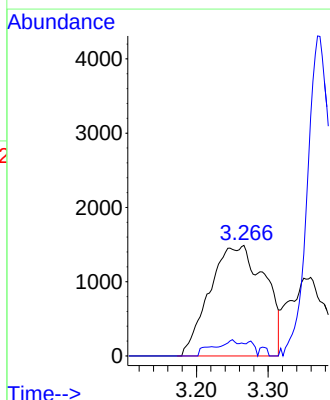
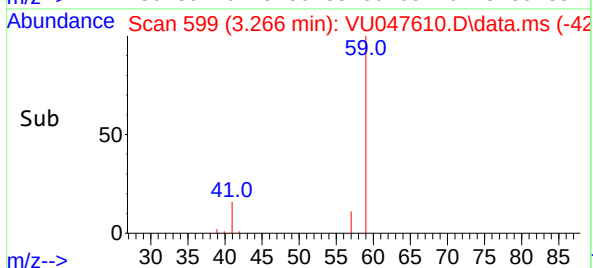
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

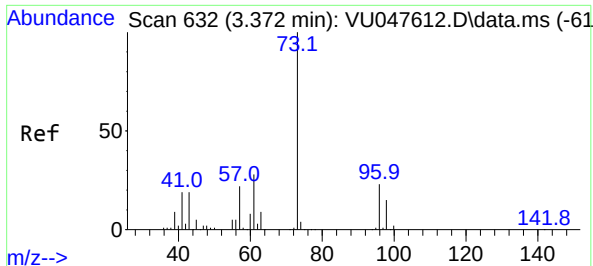


#24
tert-Butyl Alcohol
Concen: 20.235 ug/l m
RT: 3.266 min Scan# 599
Delta R.T. 0.061 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57



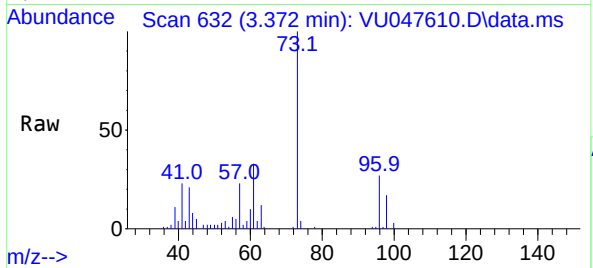
Tgt Ion: 59 Resp: 7916
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 2.135 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

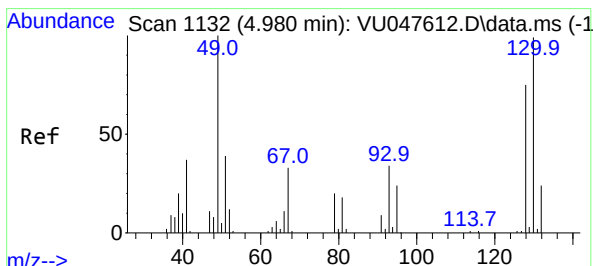
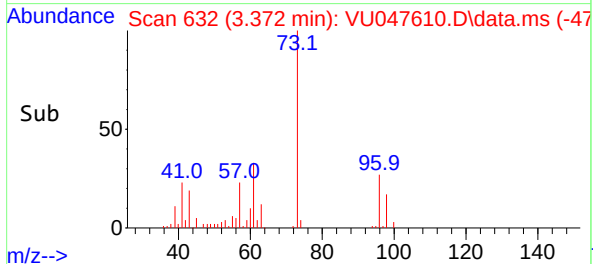
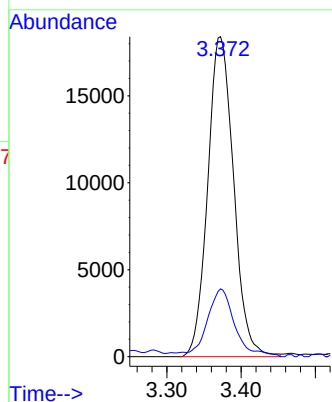
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 73 Resp: 44570
Ion Ratio Lower Upper
73 100
43 22.2 16.3 24.5

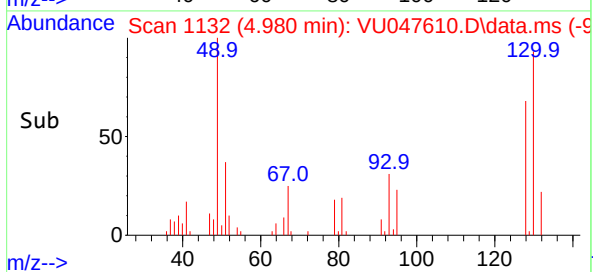
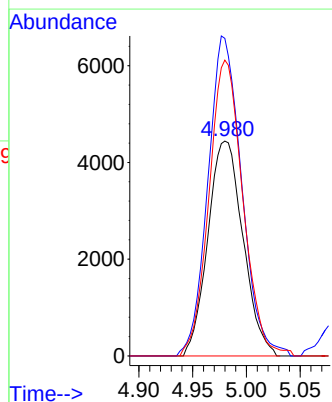
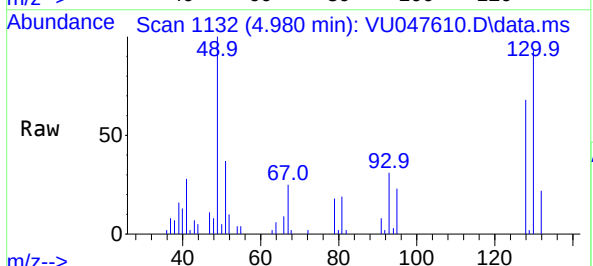
Manual Integrations
APPROVED

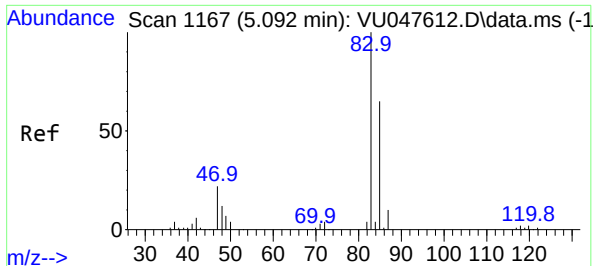
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#26
Bromochloromethane
Concen: 2.484 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Tgt Ion:128 Resp: 10091
Ion Ratio Lower Upper
128 100
49 142.8 0.0 347.4
130 132.8 101.5 152.3





#27

Chloroform

Concen: 2.449 ug/l

RT: 5.096 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047610.D

Acq: 18 Mar 2022 10:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 83 Resp: 3577

Ion Ratio Lower Upper

83 100

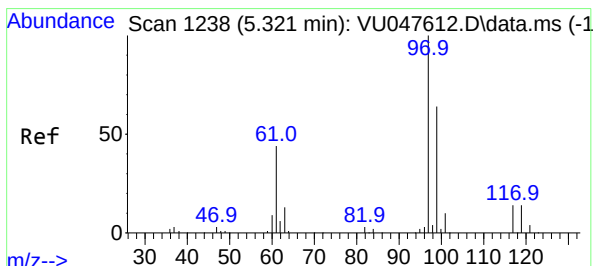
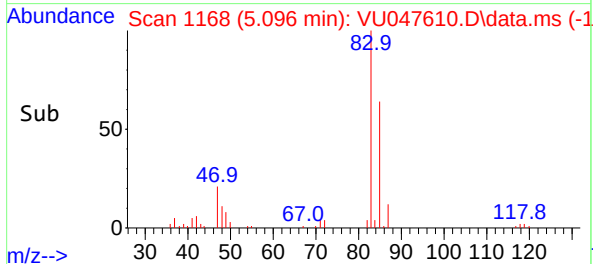
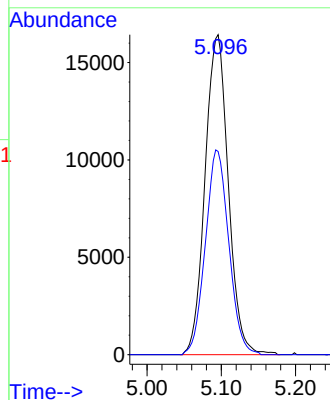
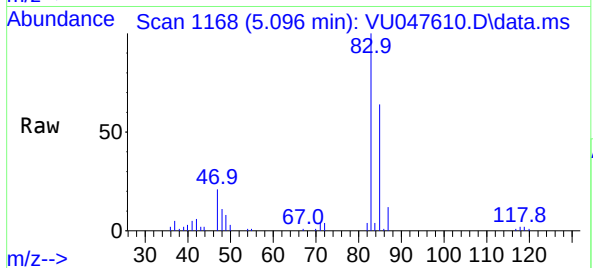
85 63.5 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#28

1,1,1-Trichloroethane

Concen: 2.425 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU047610.D

Acq: 18 Mar 2022 10:57

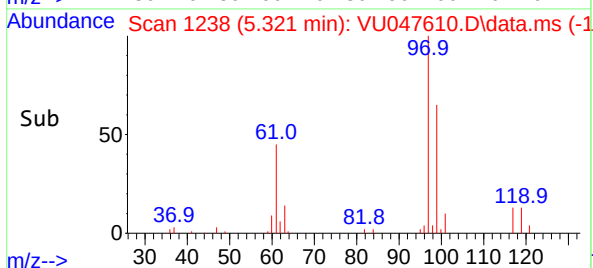
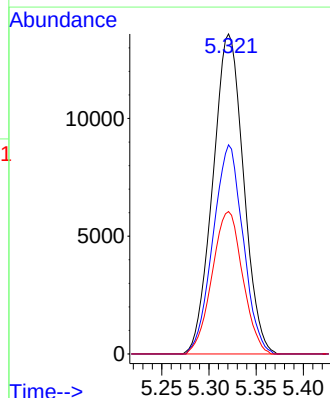
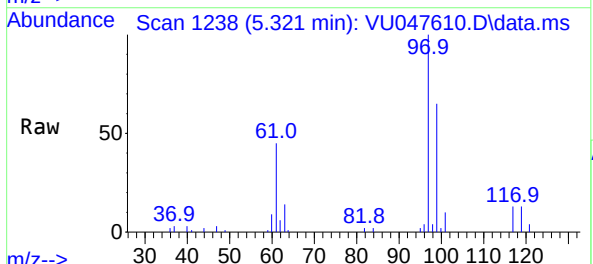
Tgt Ion: 97 Resp: 30663

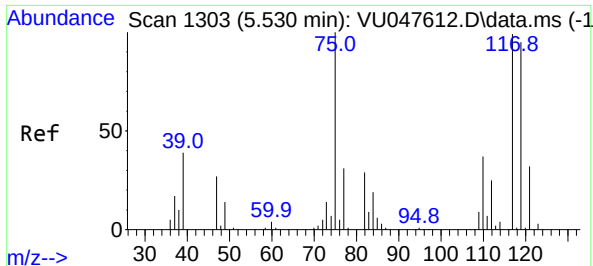
Ion Ratio Lower Upper

97 100

99 64.1 32.2 96.6

61 44.5 24.5 73.5





#29

1,1-Dichloropropene

Concen: 2.159 ug/l

RT: 5.530 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU047610.D

Acq: 18 Mar 2022 10:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 75 Resp: 24984

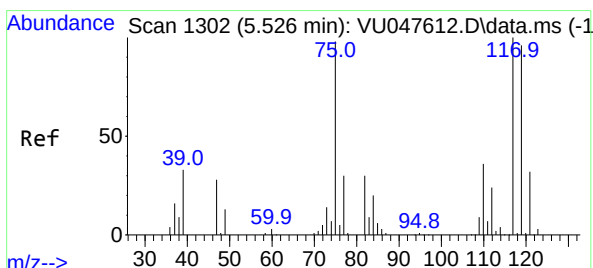
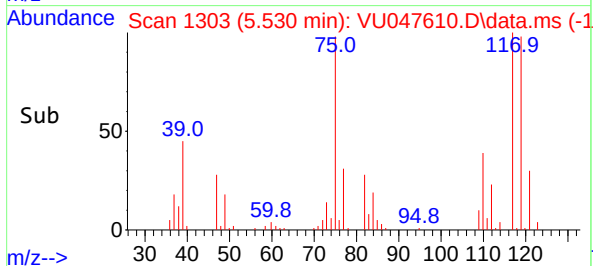
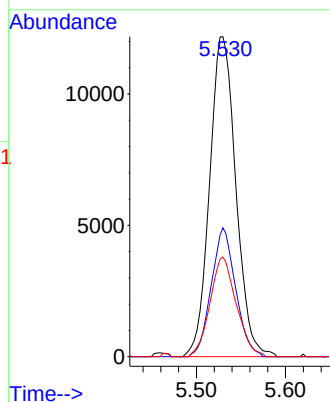
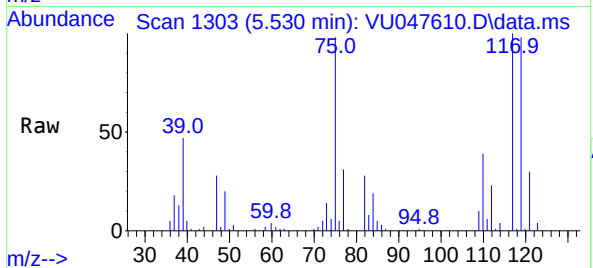
Ion	Ratio	Lower	Upper
75	100		
110	37.2	16.8	50.3
77	31.0	24.7	37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#30

Carbon Tetrachloride

Concen: 2.437 ug/l

RT: 5.526 min Scan# 1302

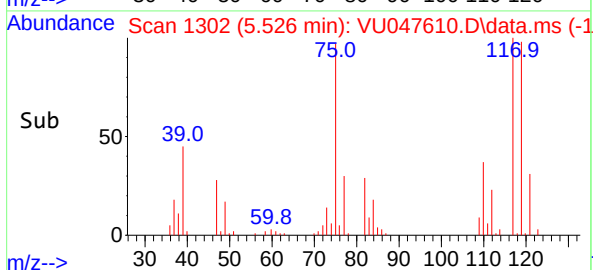
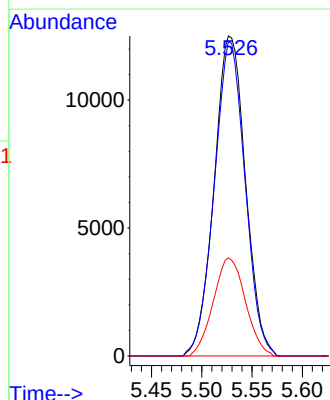
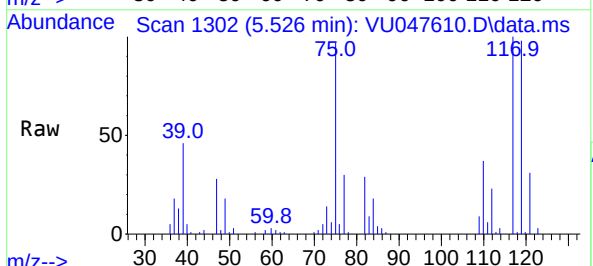
Delta R.T. -0.003 min

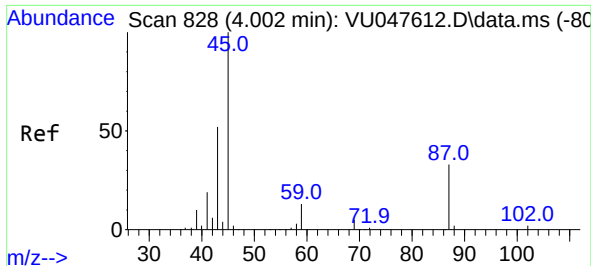
Lab File: VU047610.D

Acq: 18 Mar 2022 10:57

Tgt Ion:117 Resp: 27091

Ion	Ratio	Lower	Upper
117	100		
119	98.3	76.8	115.2
121	30.7	24.6	37.0





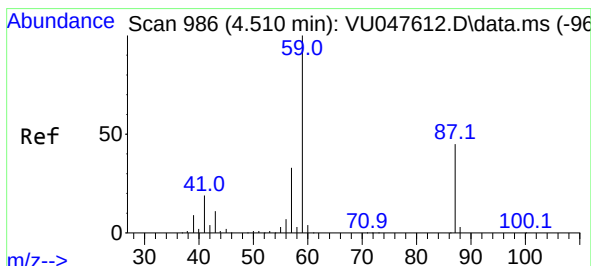
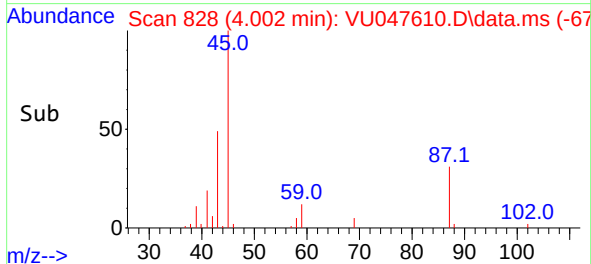
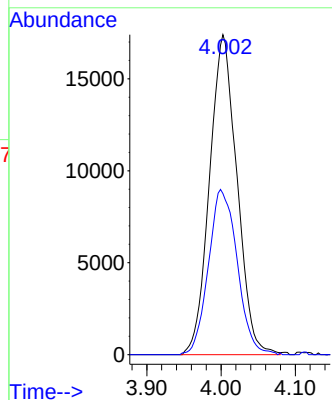
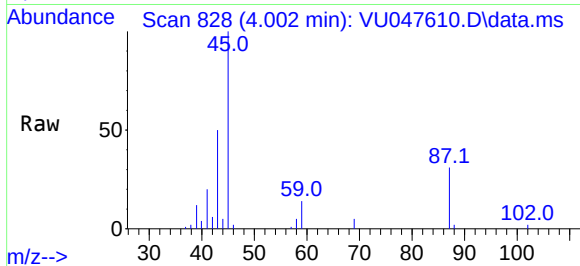
#31
Isopropyl Ether
Concen: 1.942 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 45 Resp: 4470
Ion Ratio Lower Upper
45 100
43 54.2 25.3 75.8

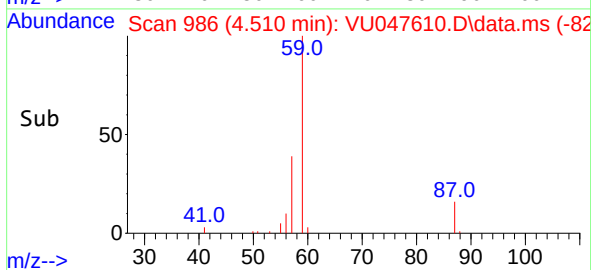
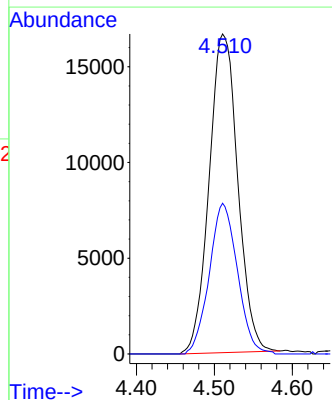
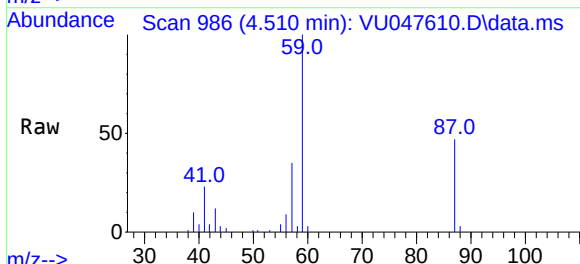
Manual Integrations
APPROVED

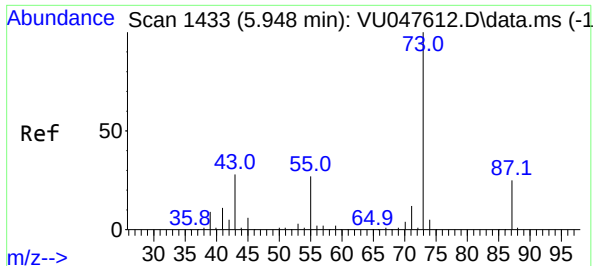
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#32
Ethyl-t-butyl ether
Concen: 1.817 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Tgt Ion: 59 Resp: 42520
Ion Ratio Lower Upper
59 100
87 46.4 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 1.819 ug/l
RT: 5.948 min Scan# 1433
Delta R.T. 0.003 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Instrument :

MSVOA_U

ClientSampleId :

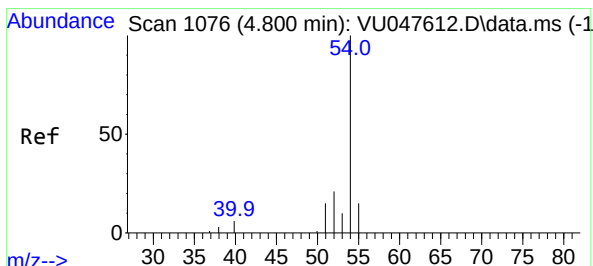
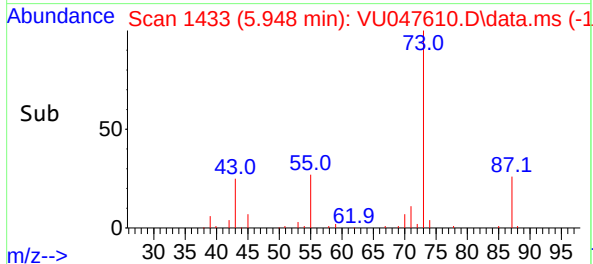
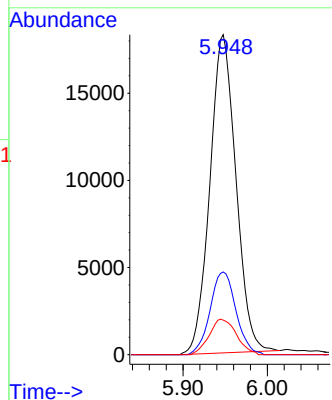
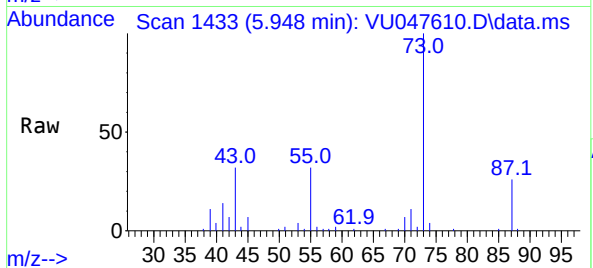
VSTDIC002

Tgt Ion: 73 Resp: 3921
Ion Ratio Lower Upper
73 100
87 25.7 18.6 28.0
71 11.7 9.0 13.6

Manual Integrations

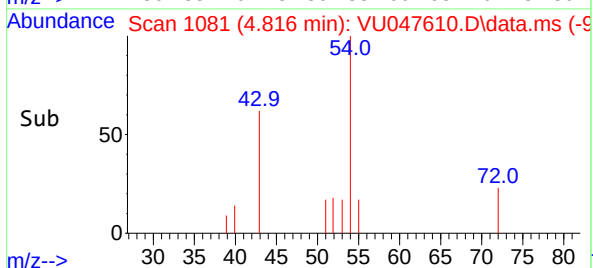
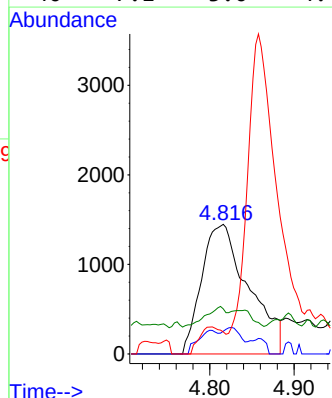
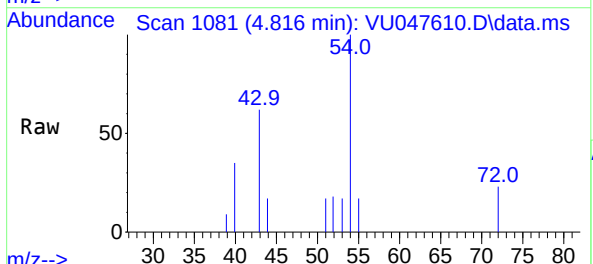
APPROVED

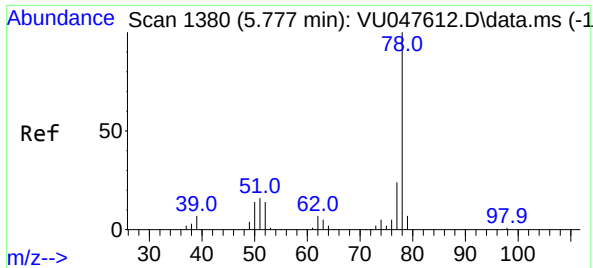
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#34
Propionitrile
Concen: 10.451 ug/l
RT: 4.816 min Scan# 1081
Delta R.T. 0.029 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Tgt Ion: 54 Resp: 5607
Ion Ratio Lower Upper
54 100
52 7.6 11.9 17.9#
55 10.6 8.0 12.0
40 7.1 3.0 4.4#





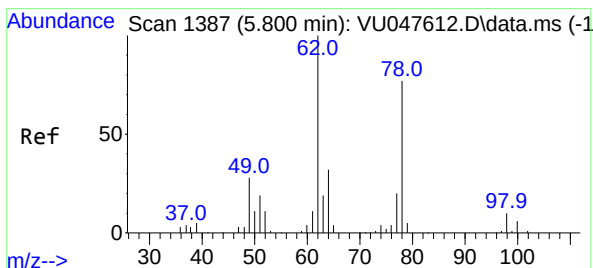
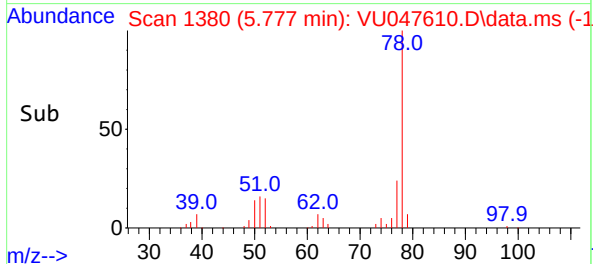
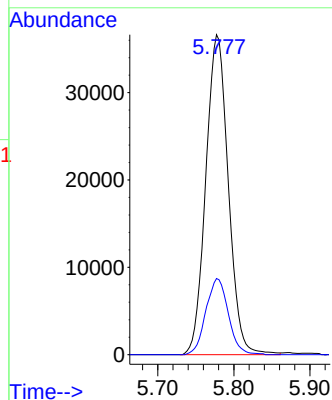
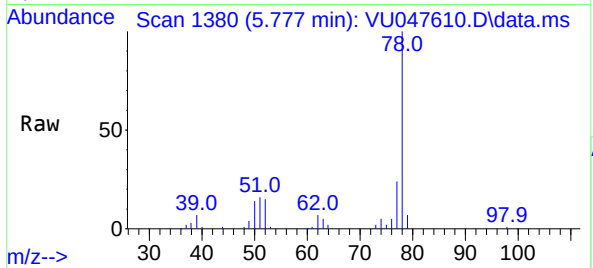
#35
Benzene
Concen: 2.322 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 78 Resp: 75320
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

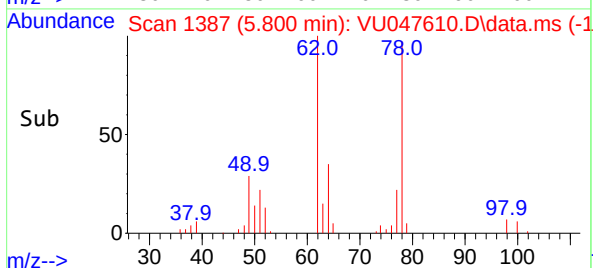
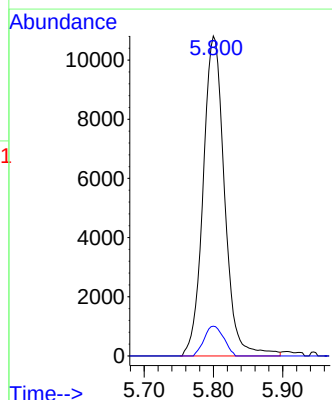
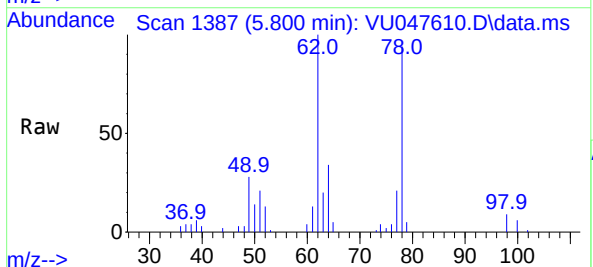
Manual Integrations
APPROVED

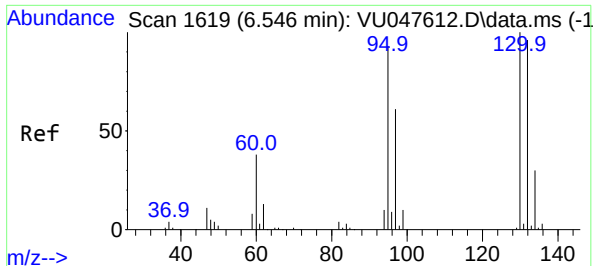
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#36
1,2-Dichloroethane
Concen: 2.363 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

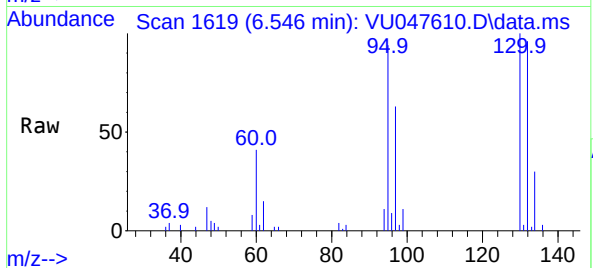
Tgt Ion: 62 Resp: 23205
Ion Ratio Lower Upper
62 100
98 8.5 7.3 10.9





#37
Trichloroethene
Concen: 2.454 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

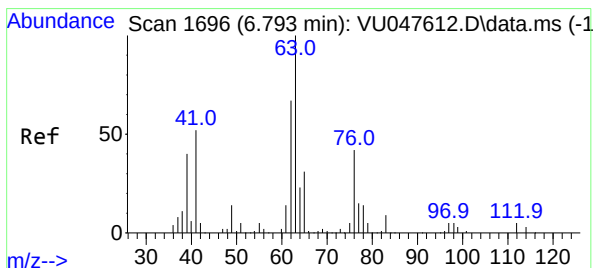
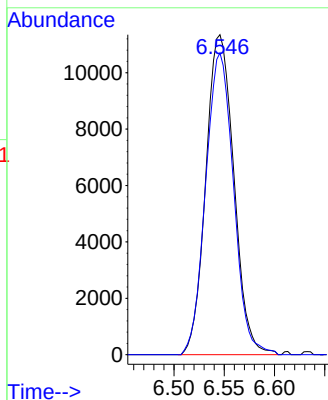
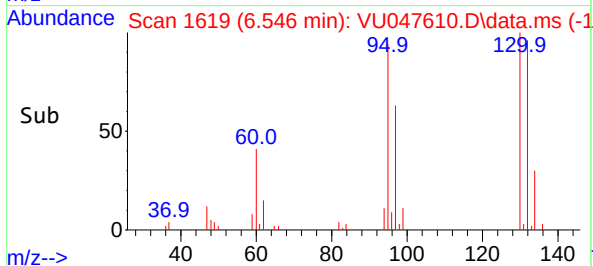
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



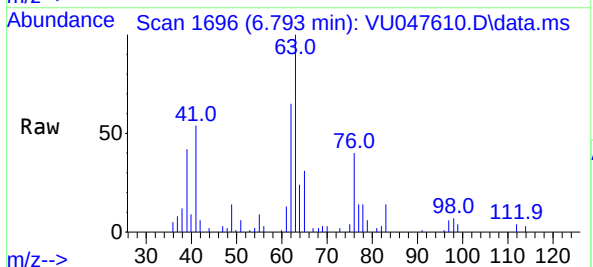
Tgt Ion:130 Resp: 22034
Ion Ratio Lower Upper
130 100
95 94.3 83.8 125.8

Manual Integrations
APPROVED

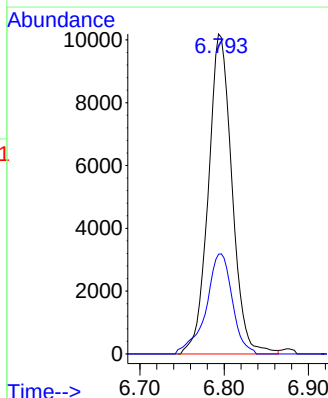
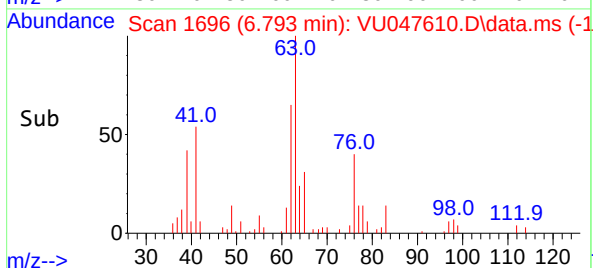
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

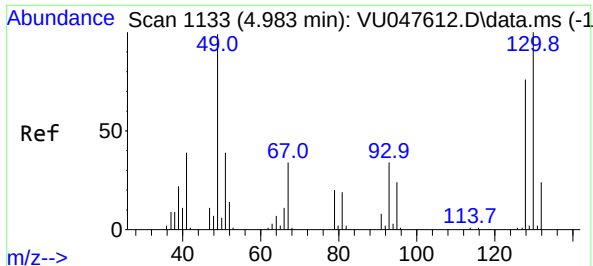


#38
1,2-Dichloropropane
Concen: 2.315 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. -0.003 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57



Tgt Ion: 63 Resp: 19865
Ion Ratio Lower Upper
63 100
65 31.1 24.7 37.1





#39

Methacrylonitrile

Concen: 1.775 ug/l

RT: 4.986 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VU047610.D

Acq: 18 Mar 2022 10:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 41 Resp: 5250

Ion Ratio Lower Upper

41 100

67 91.7 65.2 97.8

39 60.4 43.0 64.6

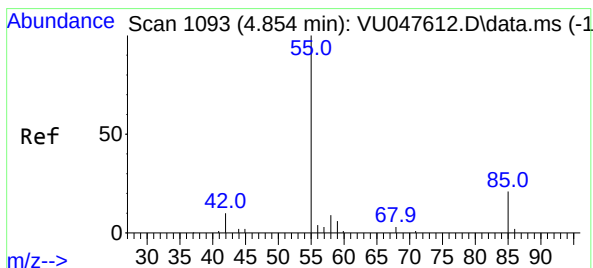
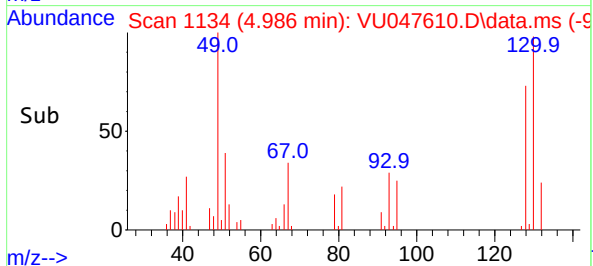
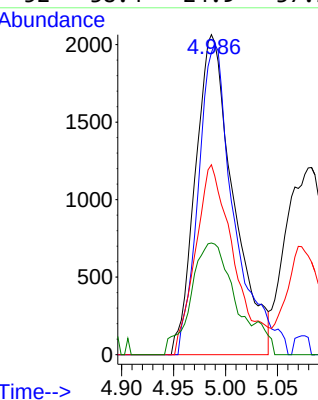
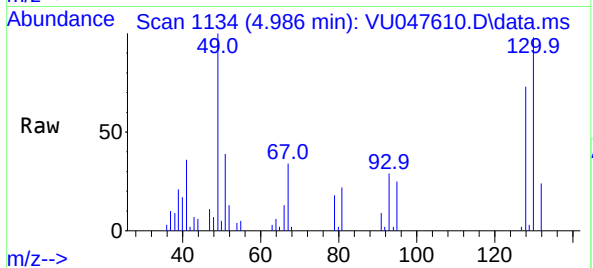
52 38.4 24.9 37.3#

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#40

Methyl acrylate

Concen: 1.587 ug/l

RT: 4.858 min Scan# 1094

Delta R.T. 0.006 min

Lab File: VU047610.D

Acq: 18 Mar 2022 10:57

Tgt Ion: 55 Resp: 7935

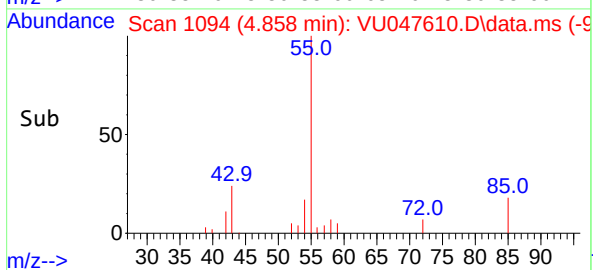
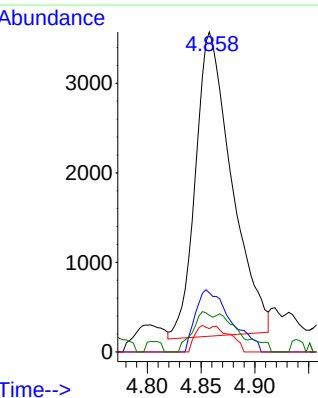
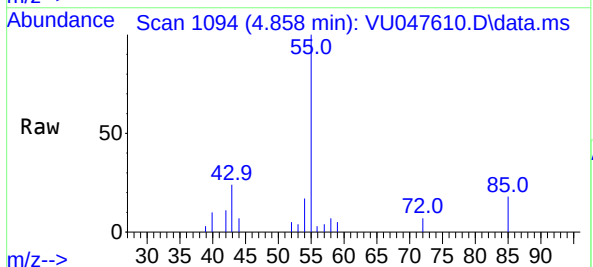
Ion Ratio Lower Upper

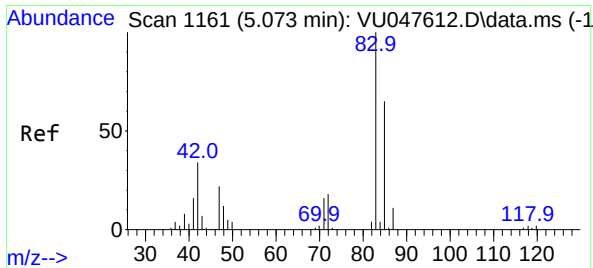
55 100

85 20.0 12.2 18.2#

58 3.5 6.7 10.1#

42 7.3 6.9 10.3





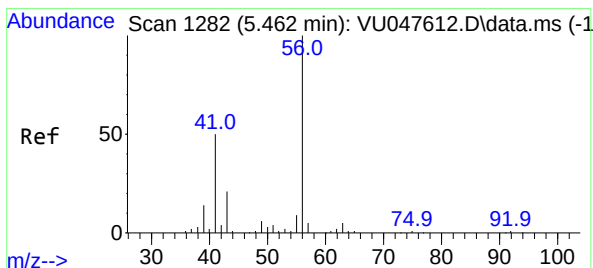
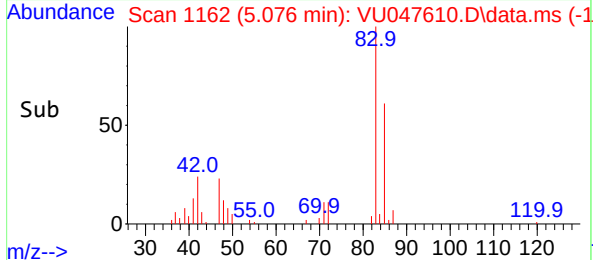
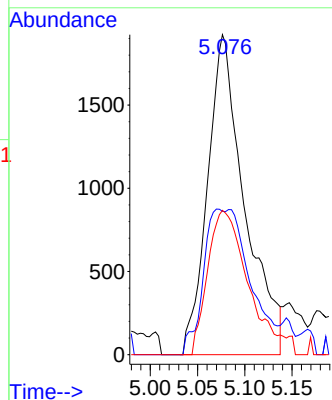
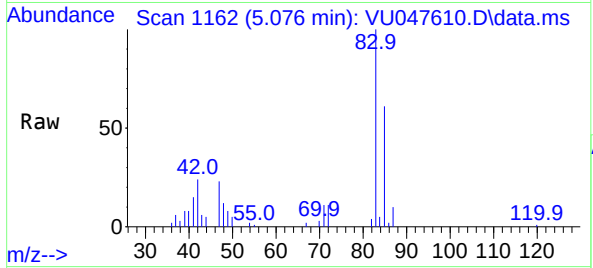
#41
Tetrahydrofuran
Concen: 3.485 ug/l
RT: 5.076 min Scan# 1161
Delta R.T. 0.013 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 42 Resp: 5252
Ion Ratio Lower Upper
42 100
72 27.4 42.4 63.6
71 49.7 36.4 54.6

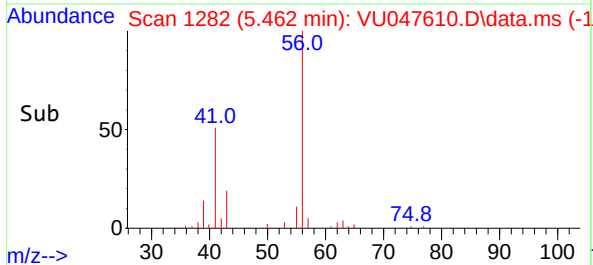
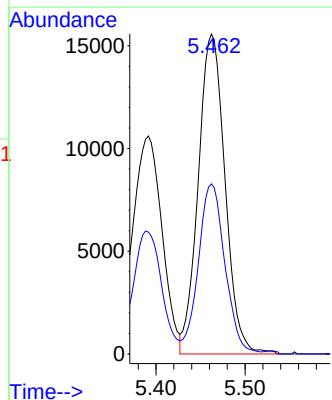
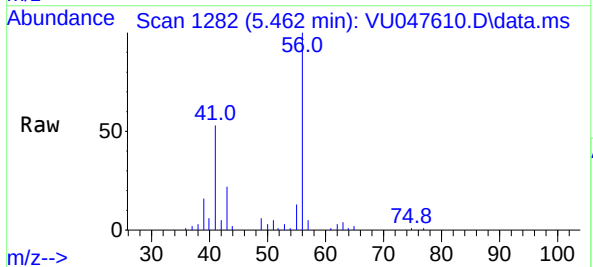
Manual Integrations
APPROVED

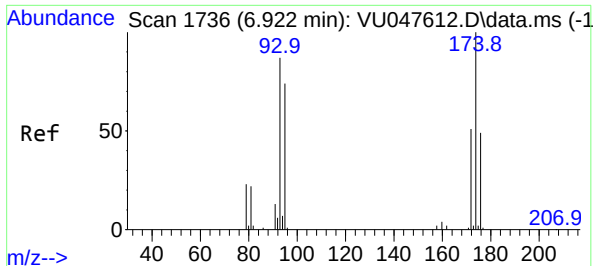
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#42
1-Chlorobutane
Concen: 2.093 ug/l
RT: 5.462 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

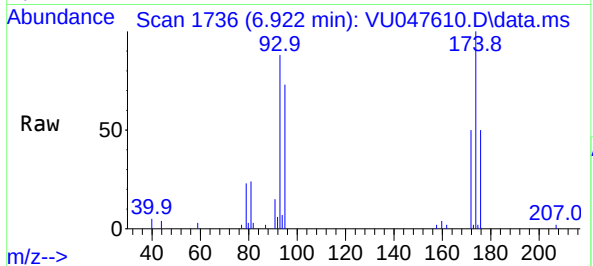
Tgt Ion: 56 Resp: 32528
Ion Ratio Lower Upper
56 100
41 51.6 26.0 78.0





#43
Dibromomethane
Concen: 2.499 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

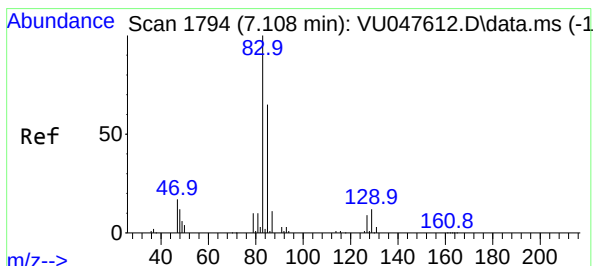
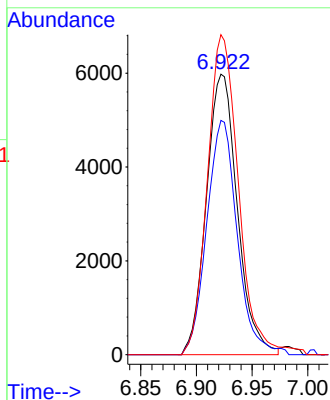
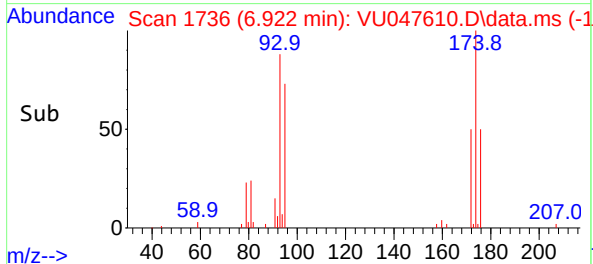
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



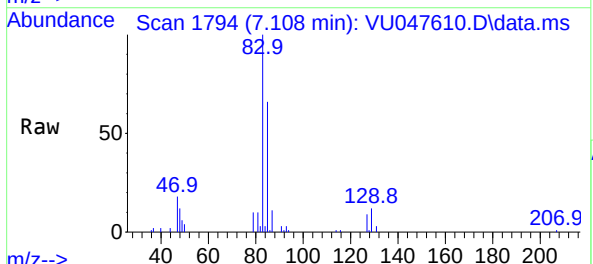
Tgt Ion: 93 Resp: 1156
Ion Ratio Lower Upper
93 100
95 82.2 66.2 99.2
174 114.7 70.7 106.1

Manual Integrations
APPROVED

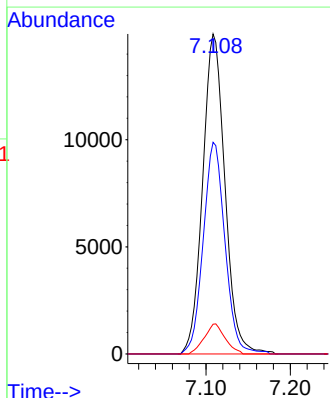
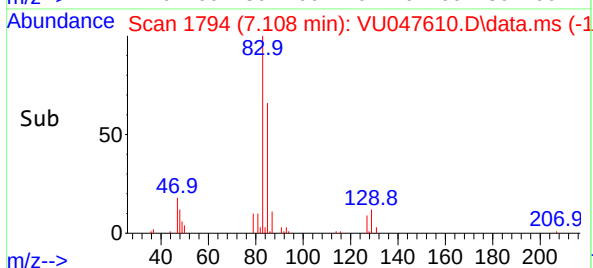
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

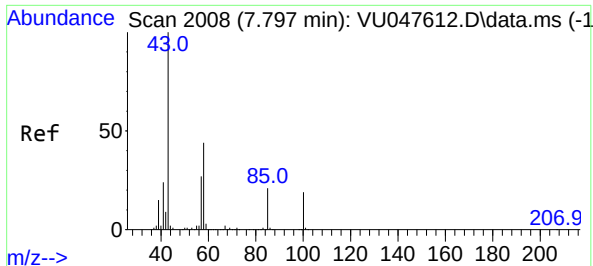


#44
Bromodichloromethane
Concen: 2.507 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57



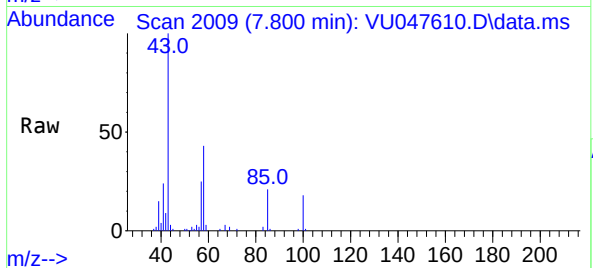
Tgt Ion: 83 Resp: 27449
Ion Ratio Lower Upper
83 100
85 66.2 50.9 76.3
127 9.3 6.0 9.0





#45
4-Methyl-2-Pentanone
Concen: 9.383 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

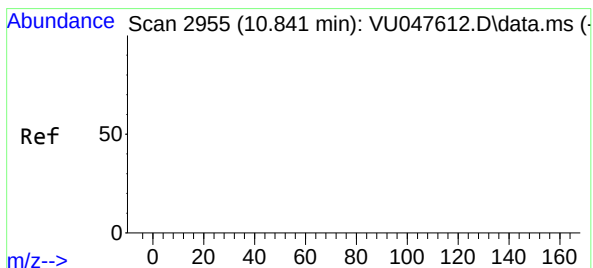
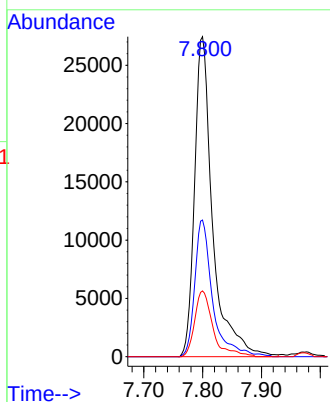
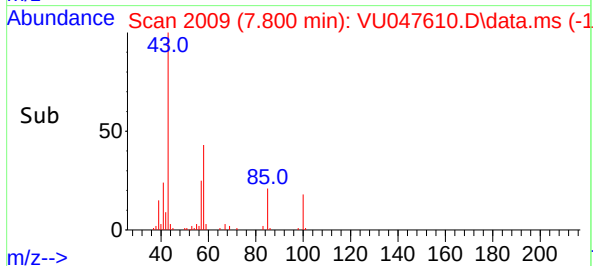
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 43 Resp: 58739
Ion Ratio Lower Upper
43 100
58 41.9 21.0 63.0
85 20.9 14.8 22.2

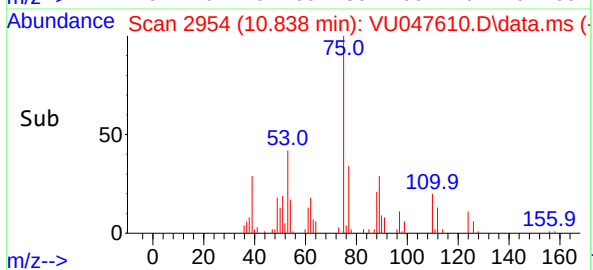
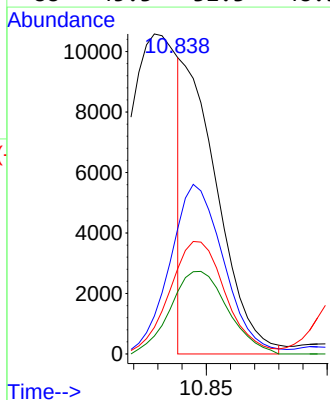
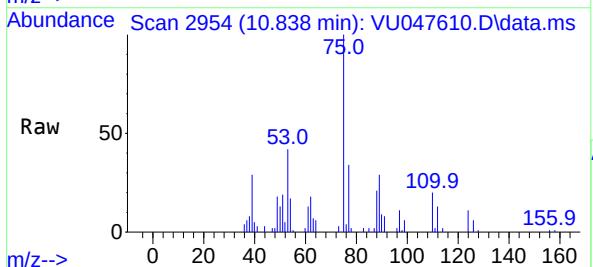
Manual Integrations
APPROVED

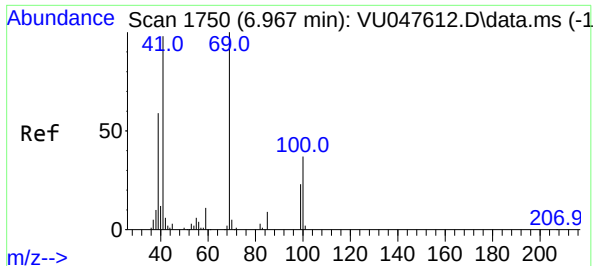
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#46
t-1,4-Dichloro-2-butene
Concen: 3.649 ug/l m
RT: 10.838 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Tgt Ion: 75 Resp: 9944
Ion Ratio Lower Upper
75 100
53 87.7 66.8 100.2
89 60.8 41.7 62.5
88 45.3 32.3 48.5





#47

Methyl methacrylate

Concen: 3.758 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU047610.D

Acq: 18 Mar 2022 10:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 69 Resp: 18240

Ion Ratio Lower Upper

69 100

41 103.3 0.0 230.0

39 67.8 55.1 82.7

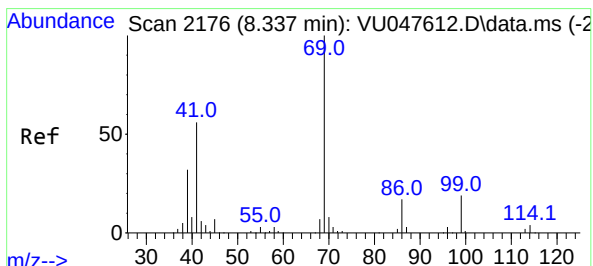
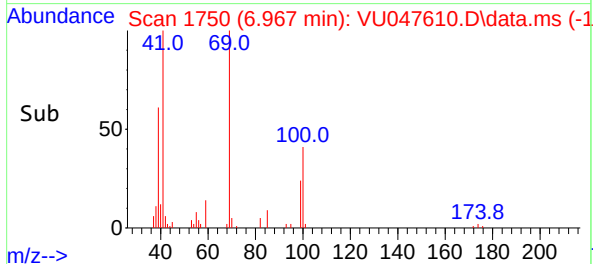
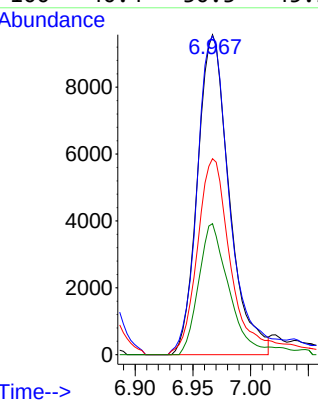
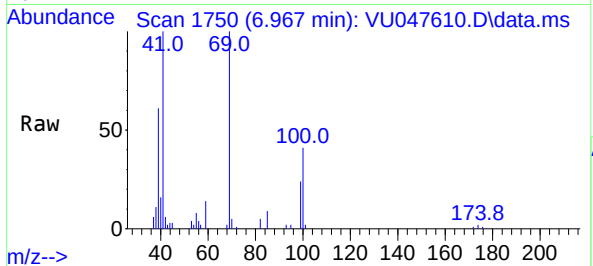
100 40.4 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#48

Ethyl methacrylate

Concen: 1.736 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU047610.D

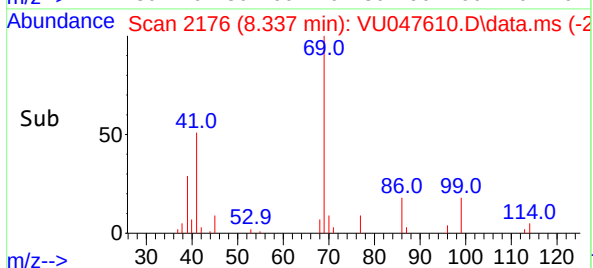
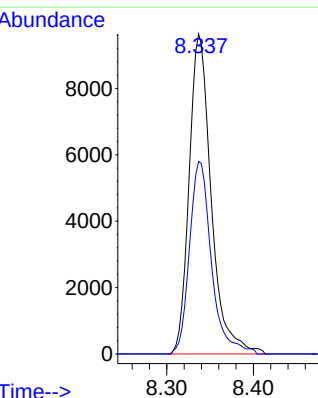
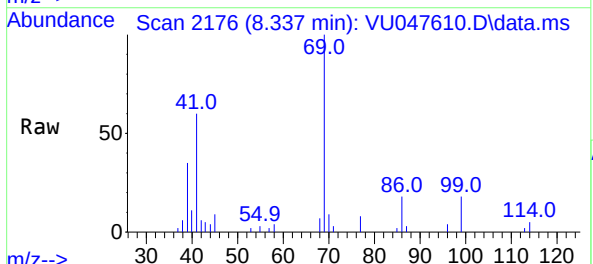
Acq: 18 Mar 2022 10:57

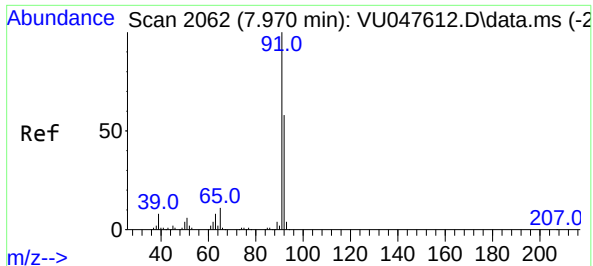
Tgt Ion: 69 Resp: 17080

Ion Ratio Lower Upper

69 100

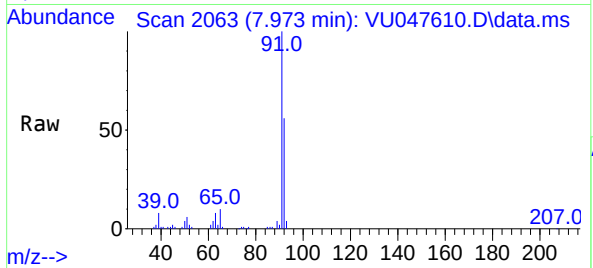
41 59.8 32.6 98.0





#49
Toluene
Concen: 2.203 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

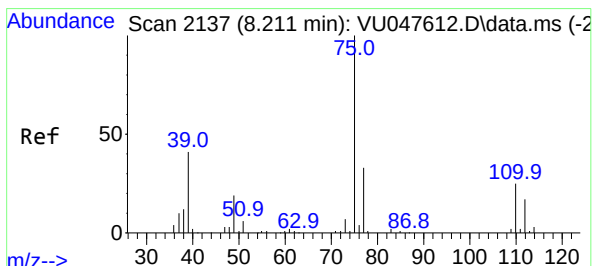
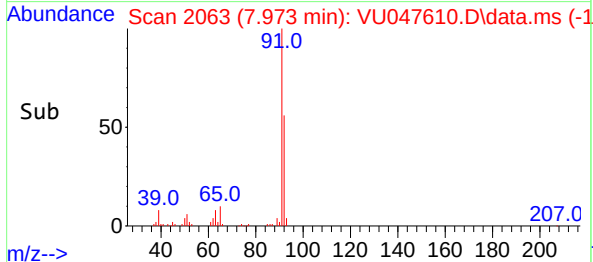
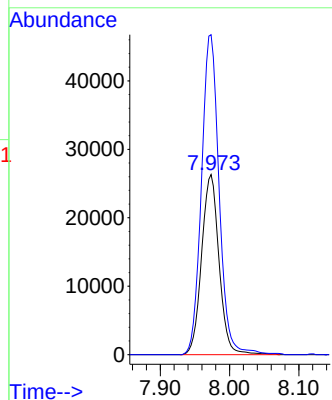
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 92 Resp: 4609
Ion Ratio Lower Upper
92 100
91 179.5 136.8 205.2

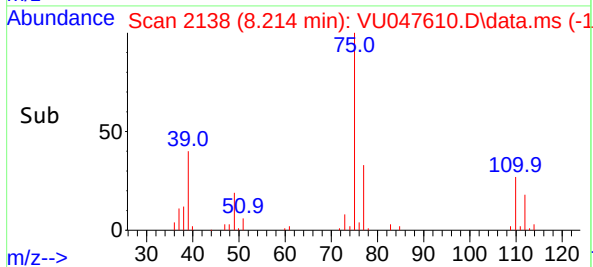
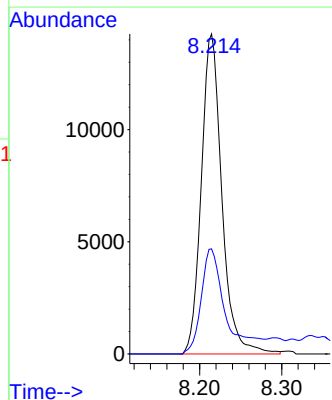
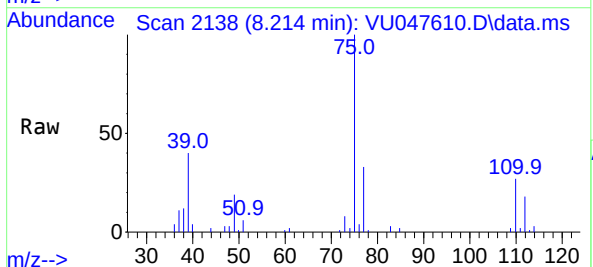
Manual Integrations
APPROVED

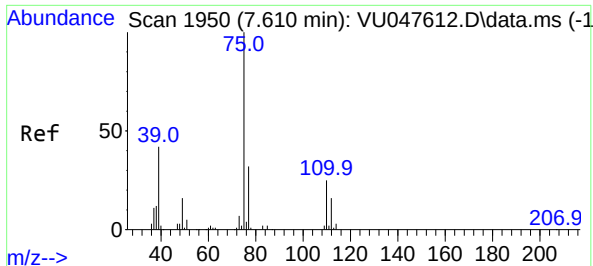
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#50
t-1,3-Dichloropropene
Concen: 2.097 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

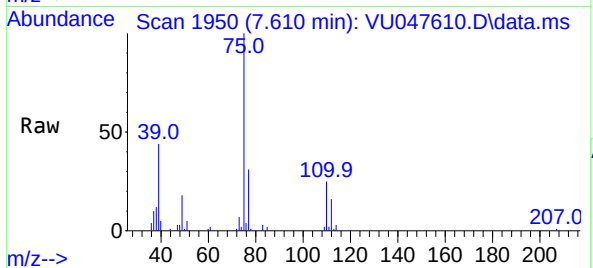
Tgt Ion: 75 Resp: 24853
Ion Ratio Lower Upper
75 100
77 32.8 25.6 38.4





#51
cis-1,3-Dichloropropene
Concen: 2.080 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

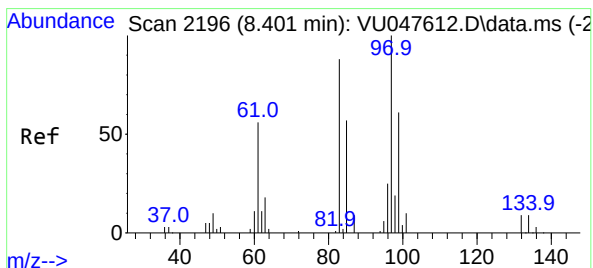
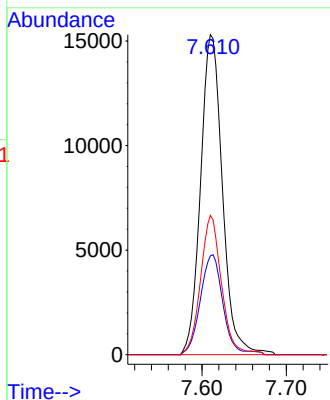
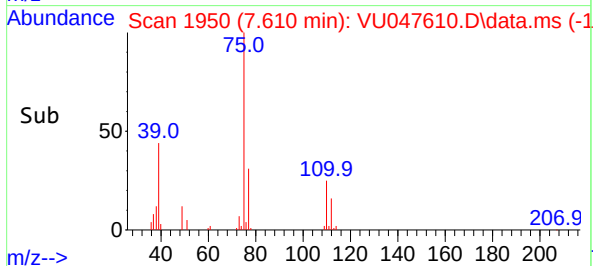
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



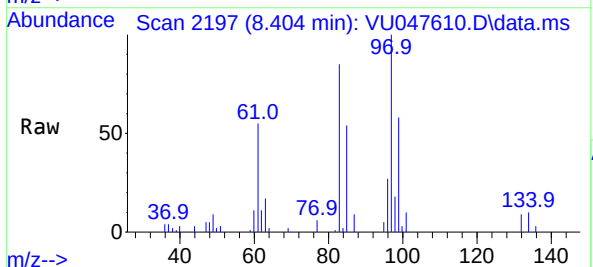
Tgt Ion: 75 Resp: 27634
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8
39 43.6 38.6 57.8

Manual Integrations
APPROVED

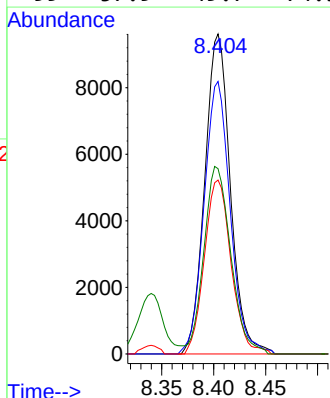
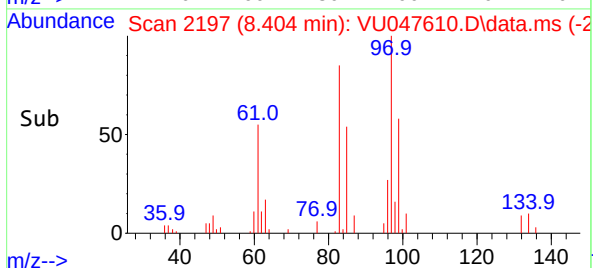
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

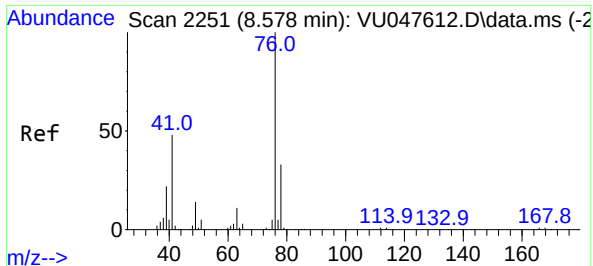


#52
1,1,2-Trichloroethane
Concen: 2.494 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57



Tgt Ion: 97 Resp: 16472
Ion Ratio Lower Upper
97 100
83 85.1 69.8 104.8
85 54.3 44.2 66.4
99 57.9 49.7 74.5





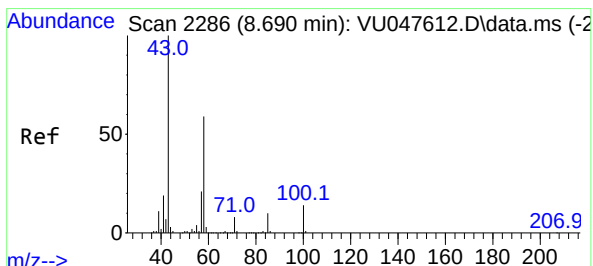
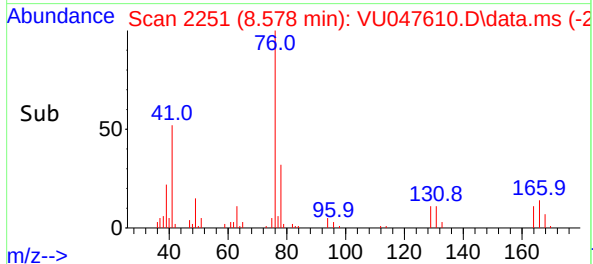
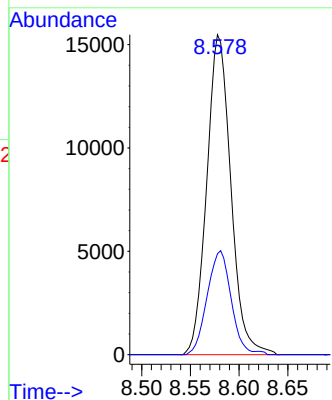
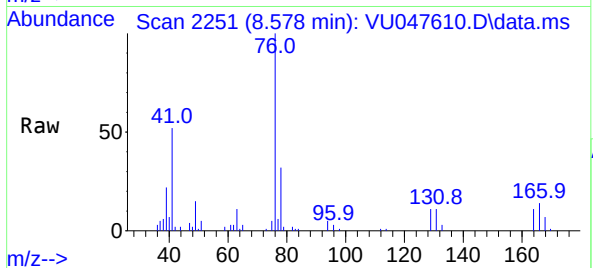
#53
1,3-Dichloropropane
Concen: 2.259 ug/l
RT: 8.578 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 76 Resp: 26660
Ion Ratio Lower Upper
76 100
78 32.4 25.4 38.2

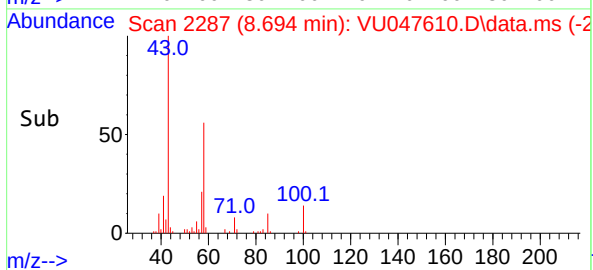
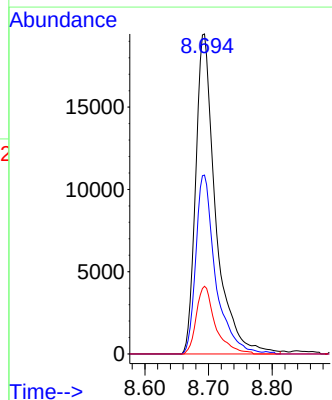
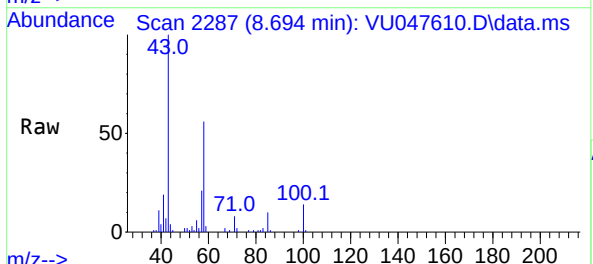
Manual Integrations
APPROVED

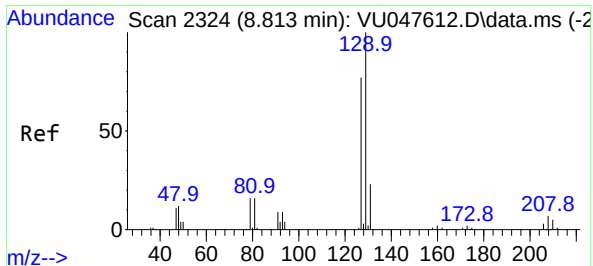
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#54
2-Hexanone
Concen: 9.105 ug/l
RT: 8.694 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Tgt Ion: 43 Resp: 42466
Ion Ratio Lower Upper
43 100
58 55.1 37.7 77.7
57 20.2 0.5 40.5





#55

Dibromochloromethane

Concen: 2.614 ug/l

RT: 8.813 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VU047610.D

Acq: 18 Mar 2022 10:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion:129 Resp: 2098

Ion Ratio Lower Upper

129 100

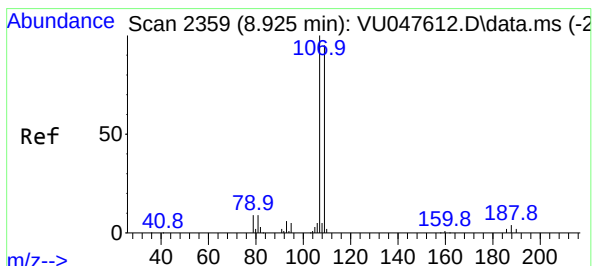
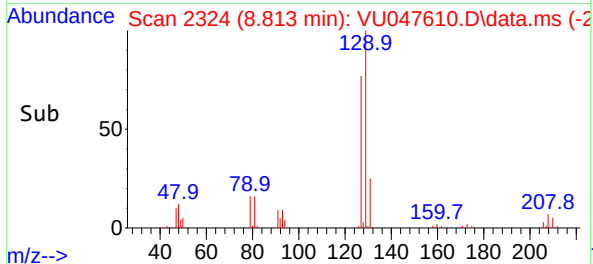
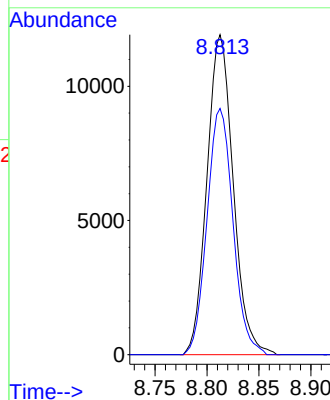
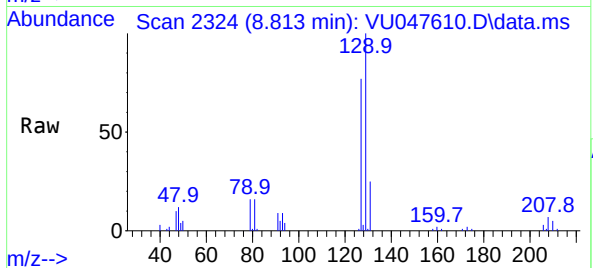
127 75.9 62.2 93.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#56

1,2-Dibromoethane

Concen: 2.519 ug/l

RT: 8.925 min Scan# 2359

Delta R.T. 0.000 min

Lab File: VU047610.D

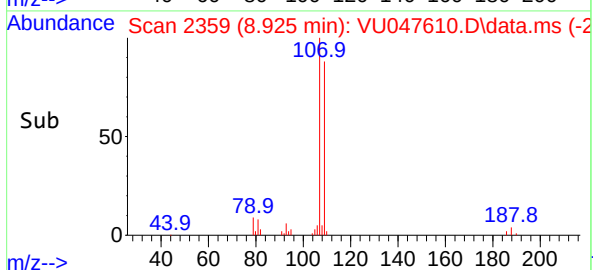
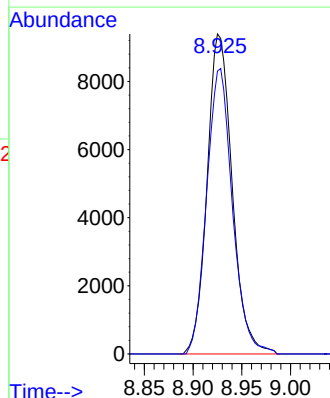
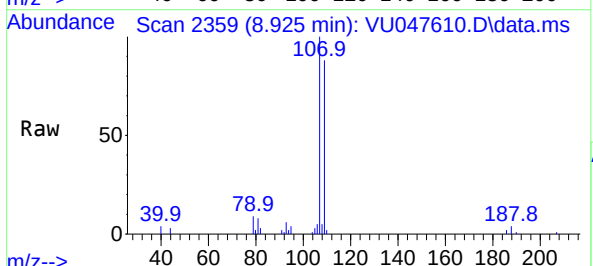
Acq: 18 Mar 2022 10:57

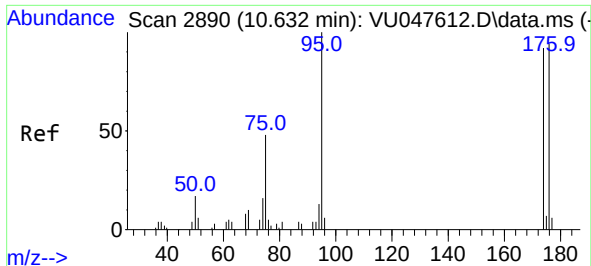
Tgt Ion:107 Resp: 16812

Ion Ratio Lower Upper

107 100

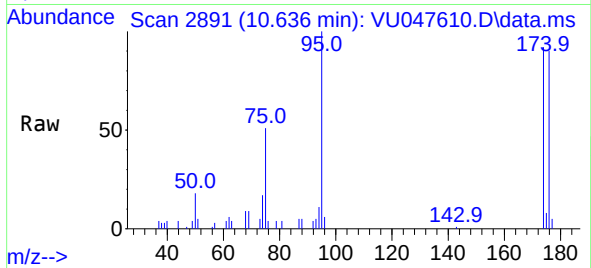
109 91.6 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.967 ug/l
RT: 10.636 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

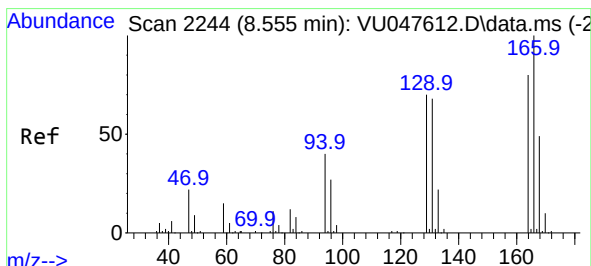
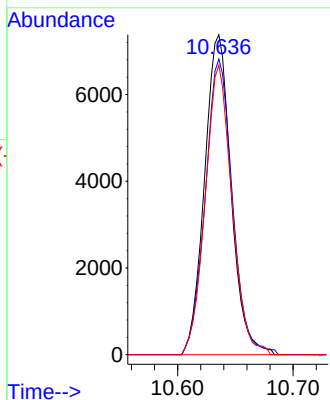
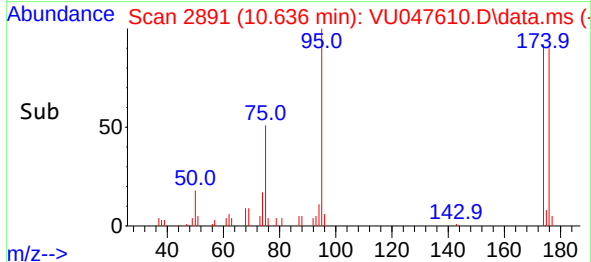
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 95 Resp: 11799
Ion Ratio Lower Upper
95 100
174 94.5 56.6 84.8
176 90.8 54.3 81.5

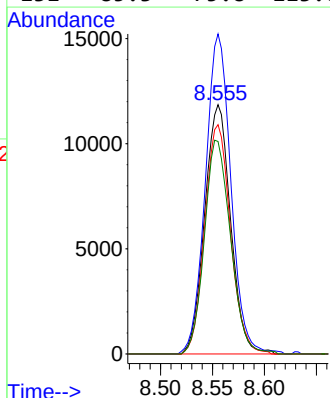
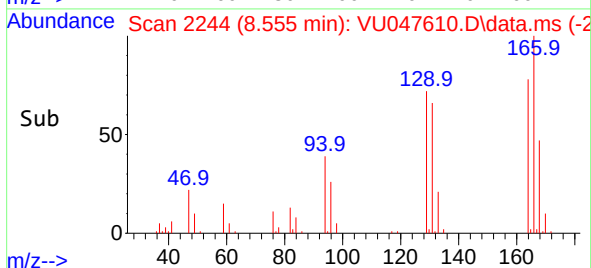
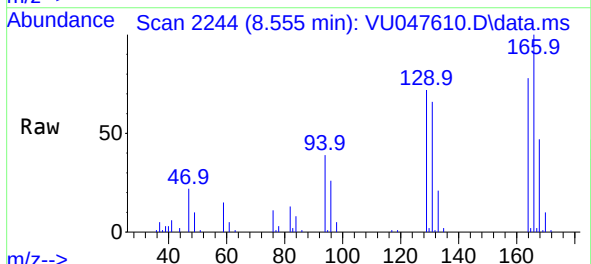
Manual Integrations
APPROVED

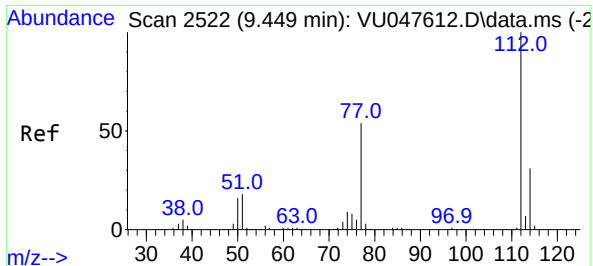
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#58
Tetrachloroethene
Concen: 2.483 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Tgt Ion:164 Resp: 20575
Ion Ratio Lower Upper
164 100
166 128.4 102.0 153.0
129 92.0 77.1 115.7
131 85.3 75.8 113.6





#59

Chlorobenzene

Concen: 2.333 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047610.D

Acq: 18 Mar 2022 10:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion:112 Resp: 54420

Ion Ratio Lower Upper

112 100

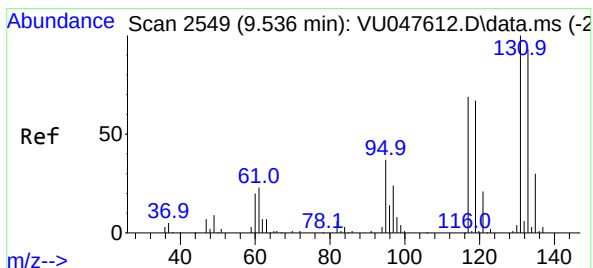
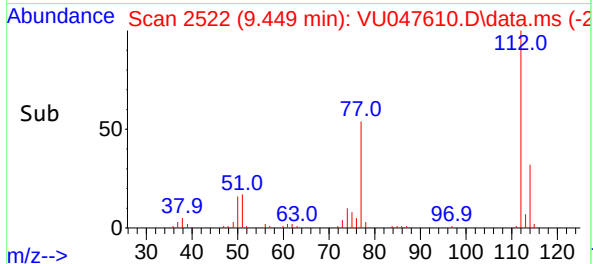
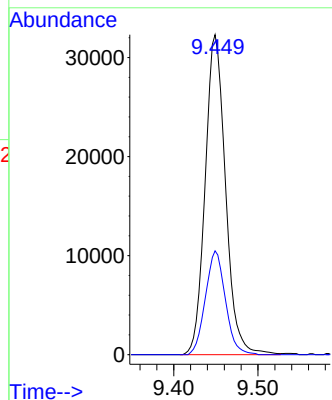
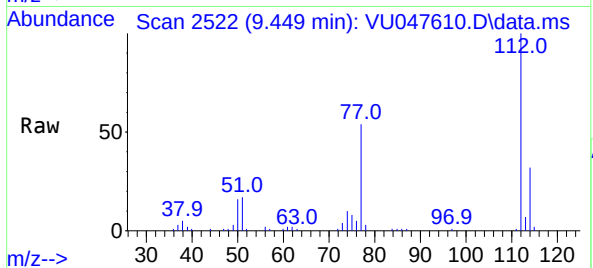
114 32.5 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 2.624 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU047610.D

Acq: 18 Mar 2022 10:57

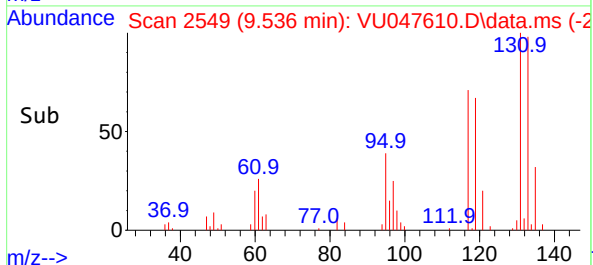
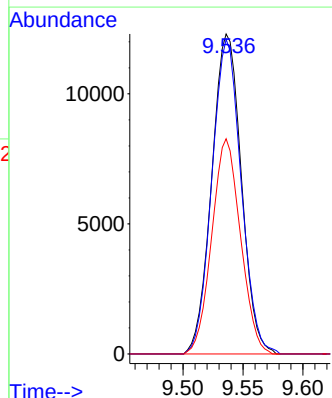
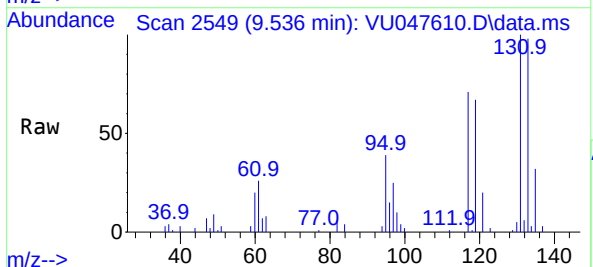
Tgt Ion:131 Resp: 21036

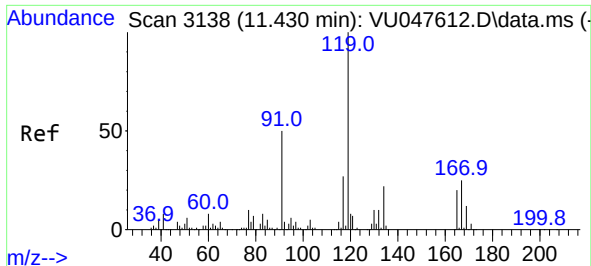
Ion Ratio Lower Upper

131 100

133 97.3 76.0 114.0

119 65.4 54.9 82.3





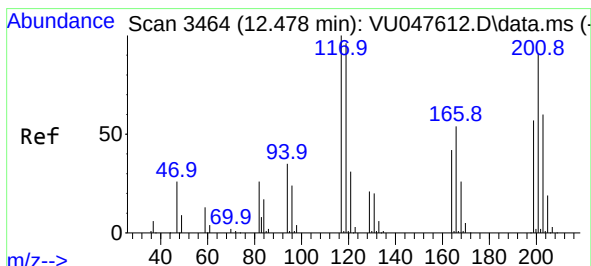
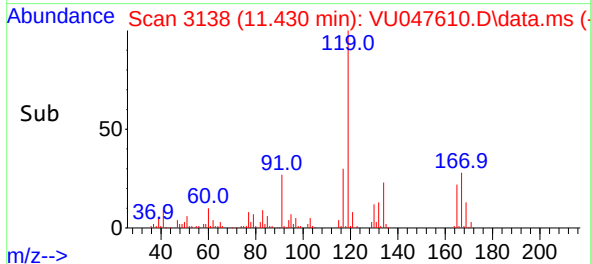
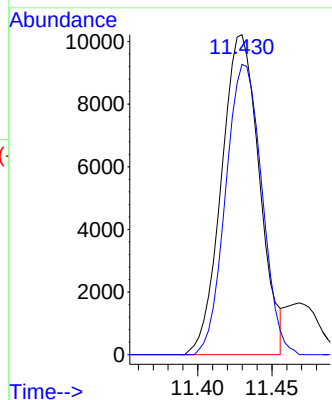
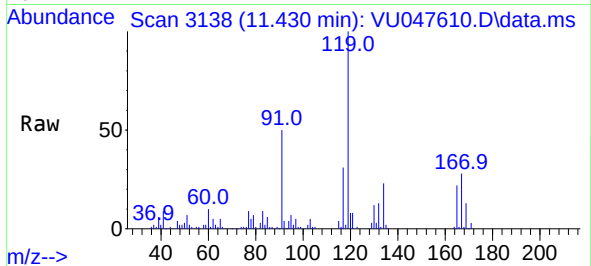
#61
Pentachloroethane
Concen: 2.981 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 1814
Ion Ratio Lower Upper
117 100
167 86.6 59.7 89.5

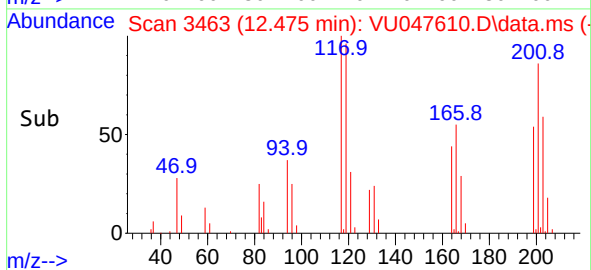
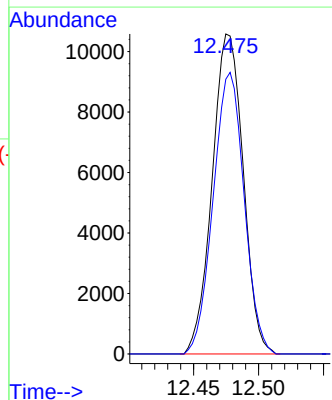
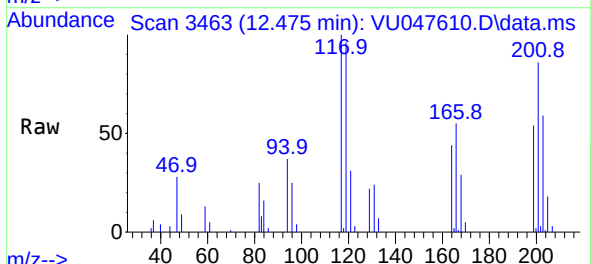
Manual Integrations
APPROVED

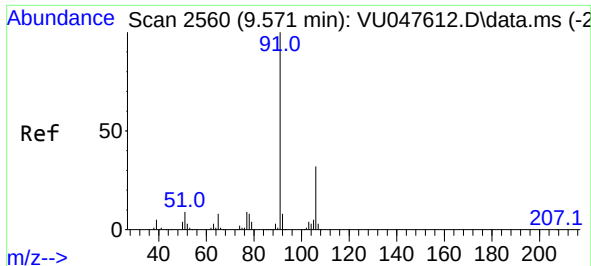
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#62
Hexachloroethane
Concen: 2.671 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

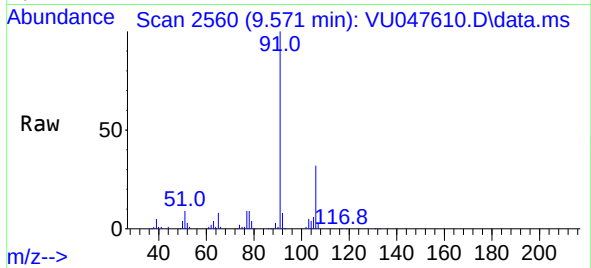
Tgt Ion:117 Resp: 17554
Ion Ratio Lower Upper
117 100
201 87.8 53.6 80.4#





#63
Ethyl Benzene
Concen: 2.031 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

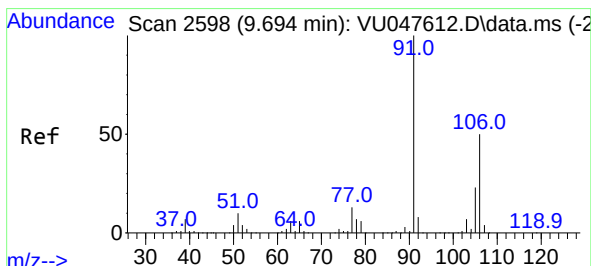
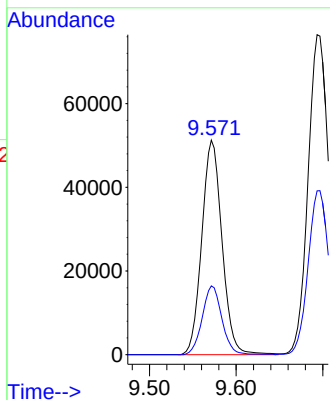
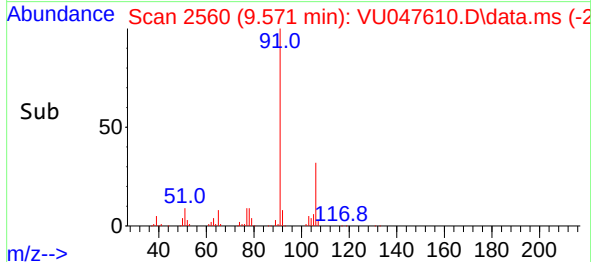
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



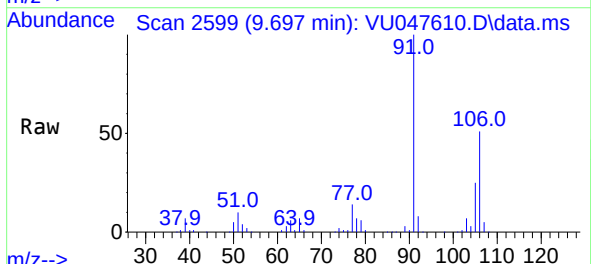
Tgt Ion: 91 Resp: 83294
Ion Ratio Lower Upper
91 100
106 32.1 24.4 36.6

Manual Integrations
APPROVED

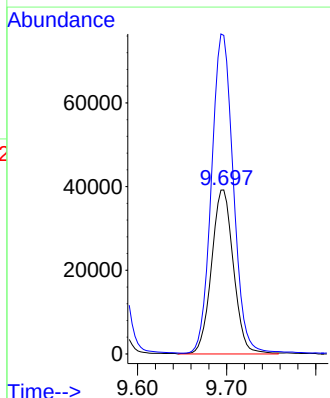
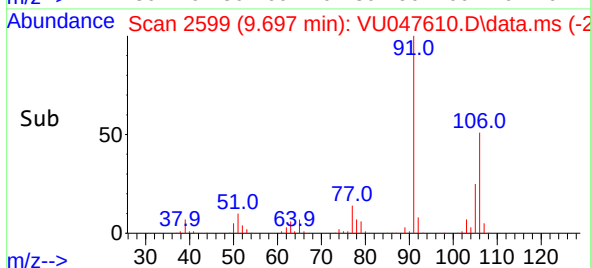
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

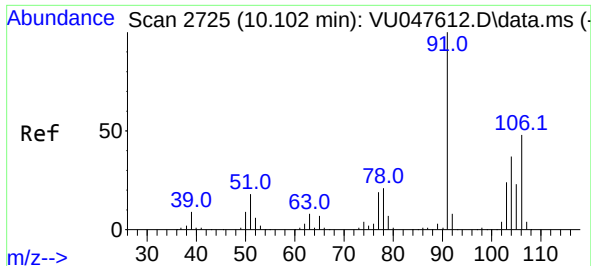


#64
m/p-Xylenes
Concen: 4.290 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57



Tgt Ion:106 Resp: 67055
Ion Ratio Lower Upper
106 100
91 194.4 165.5 248.3





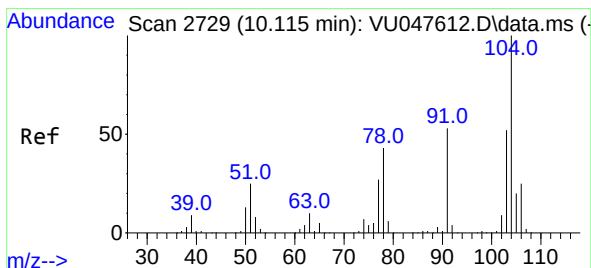
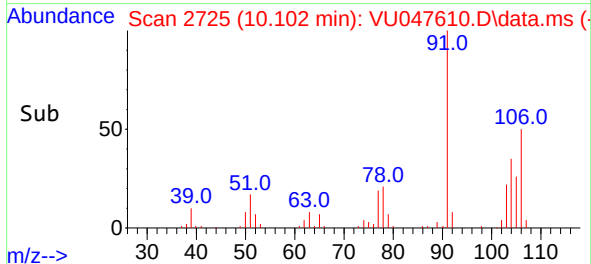
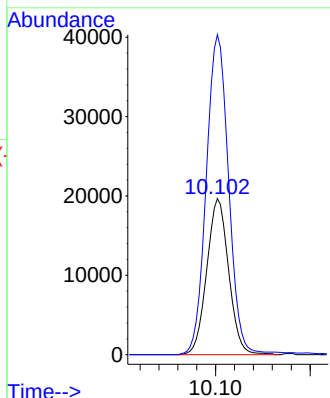
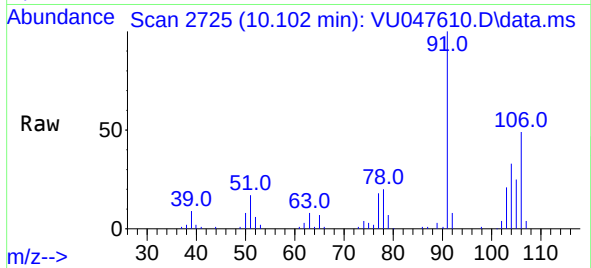
#65
o-Xylene
Concen: 2.088 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:106 Resp: 31609
Ion Ratio Lower Upper
106 100
91 208.9 109.4 328.2

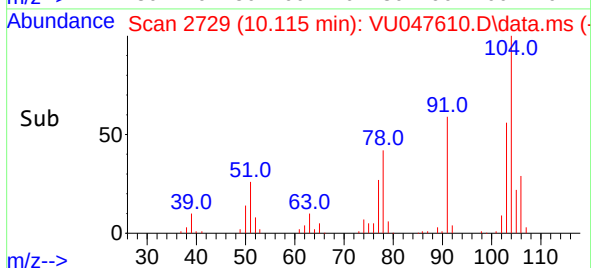
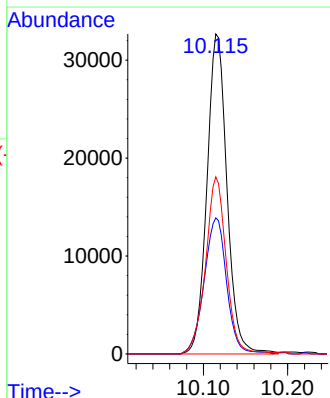
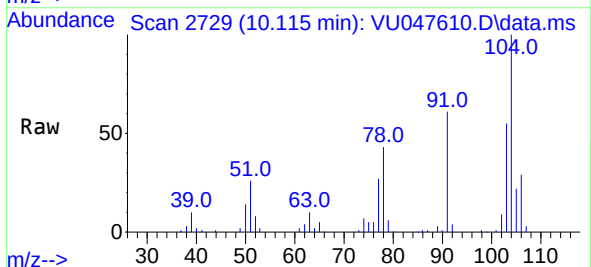
Manual Integrations
APPROVED

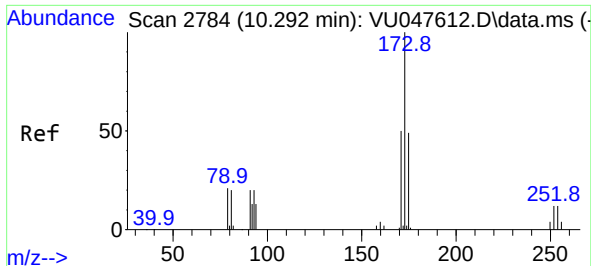
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#66
Styrene
Concen: 2.106 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

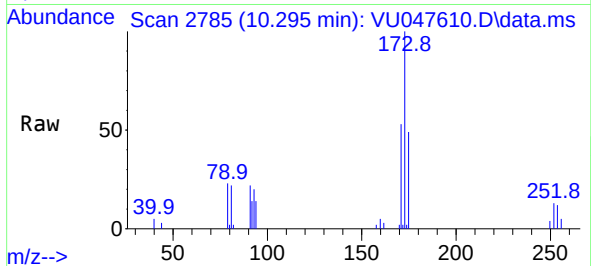
Tgt Ion:104 Resp: 54122
Ion Ratio Lower Upper
104 100
78 47.6 42.4 63.6
103 57.1 44.2 66.4





#67
Bromoform
Concen: 2.674 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

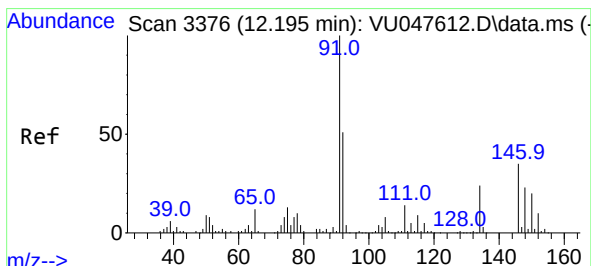
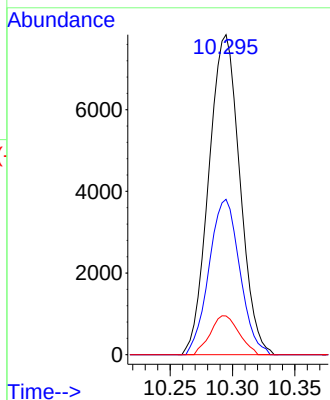
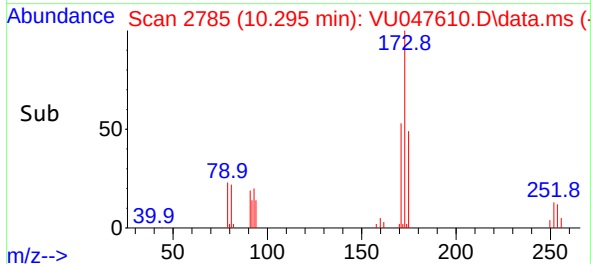
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



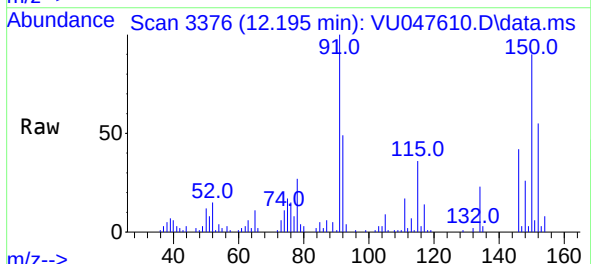
Tgt Ion:173 Resp: 1360
Ion Ratio Lower Upper
173 100
175 48.1 39.0 58.4
254 11.2 5.5 8.3

Manual Integrations
APPROVED

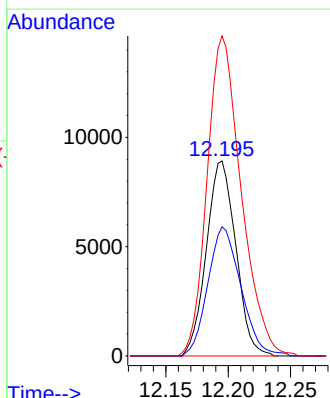
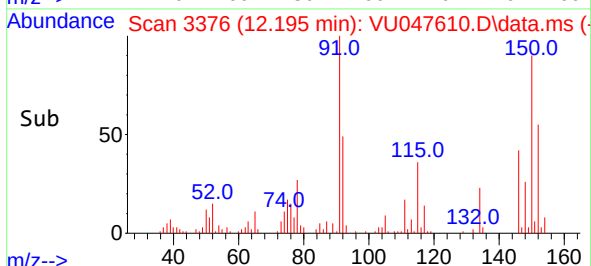
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

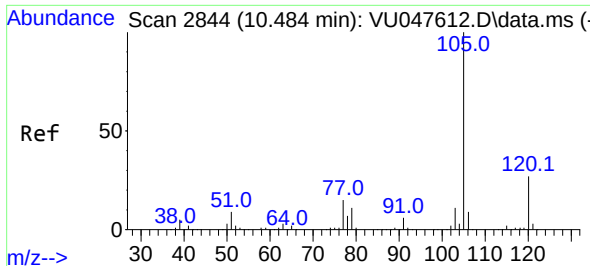


#68
1,2-Dichlorobenzene-d4
Concen: 1.154 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57



Tgt Ion:152 Resp: 14661
Ion Ratio Lower Upper
152 100
115 74.3 0.0 251.0
150 190.1 0.0 613.8





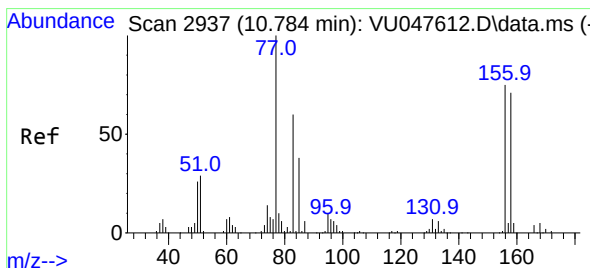
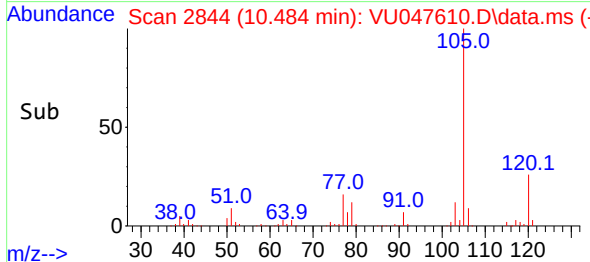
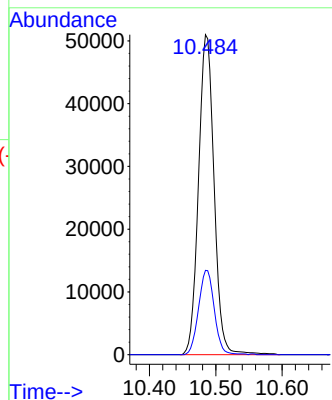
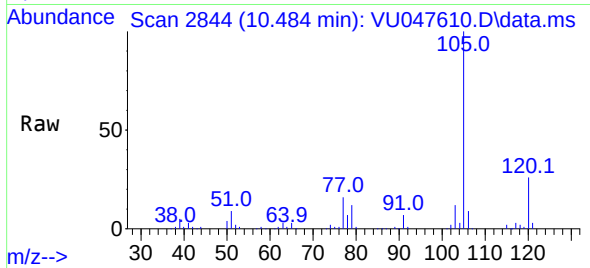
#69
Isopropylbenzene
Concen: 2.041 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 83109
Ion Ratio Lower Upper
105 100
120 26.6 12.8 38.4

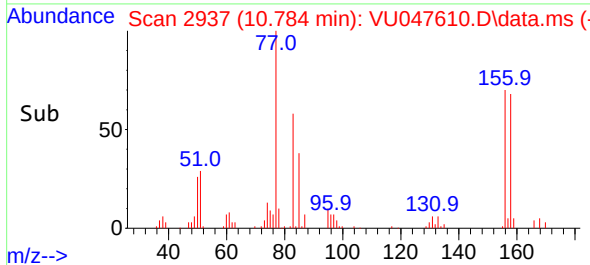
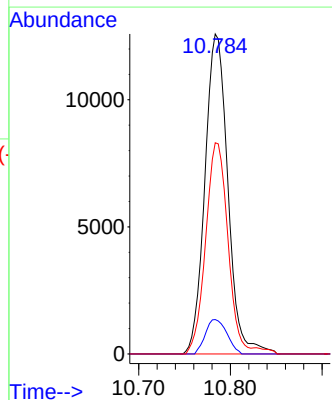
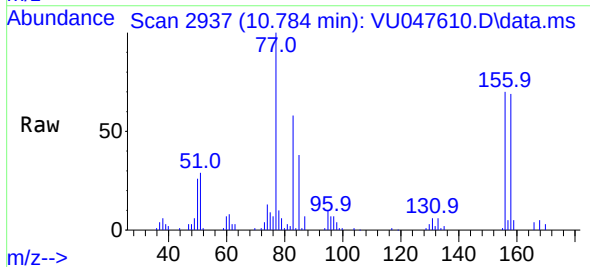
Manual Integrations
APPROVED

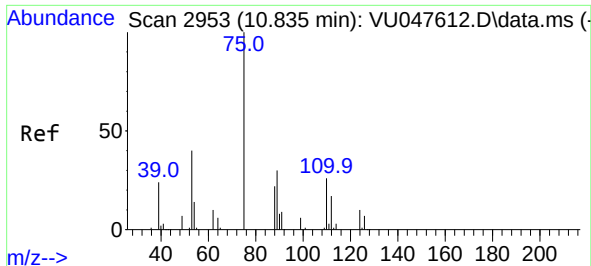
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 2.454 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Tgt Ion: 83 Resp: 21906
Ion Ratio Lower Upper
83 100
131 10.1 7.6 11.4
85 65.0 50.9 76.3





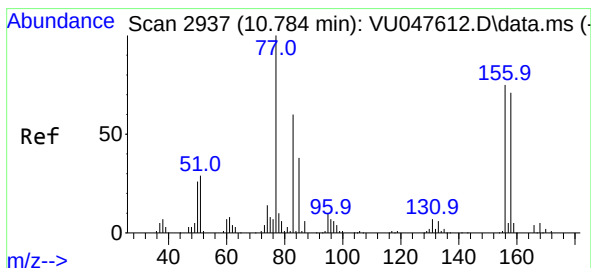
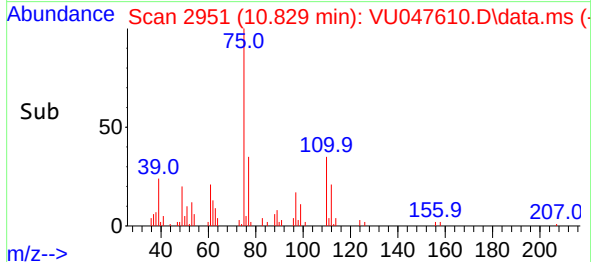
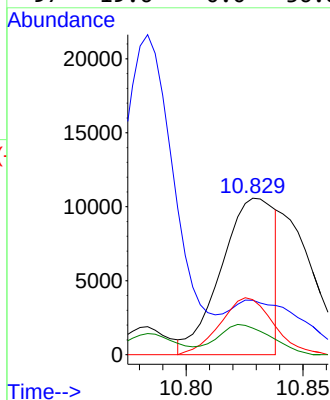
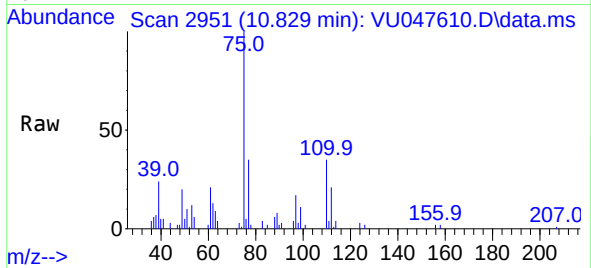
#71
1,2,3-Trichloropropane
Concen: 2.227 ug/l m
RT: 10.829 min Scan# 2953
Delta R.T. -0.010 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 75 Resp: 16780
Ion Ratio Lower Upper
75 100
77 46.5 0.0 105.6
110 36.5 0.0 71.2
97 19.6 0.0 36.8

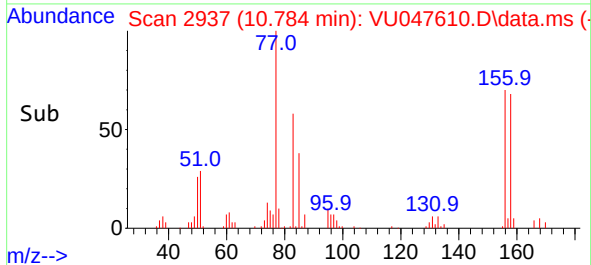
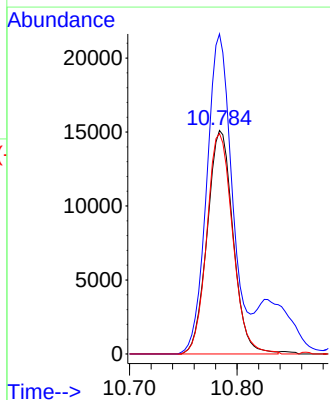
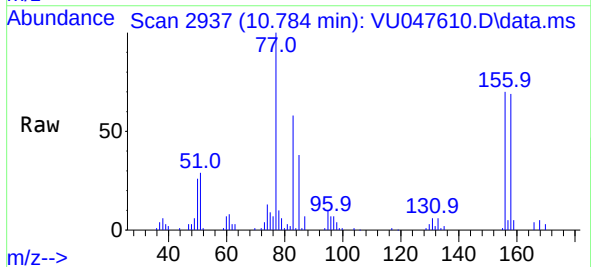
Manual Integrations
APPROVED

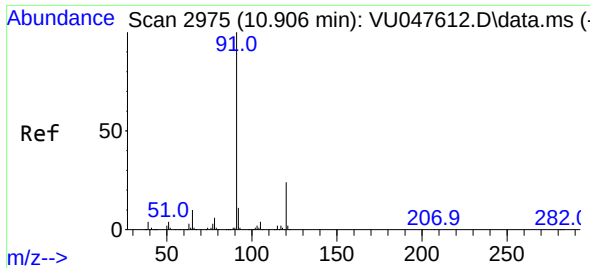
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#72
Bromobenzene
Concen: 2.537 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Tgt Ion:156 Resp: 25235
Ion Ratio Lower Upper
156 100
77 139.7 0.0 370.6
158 98.9 0.0 193.4





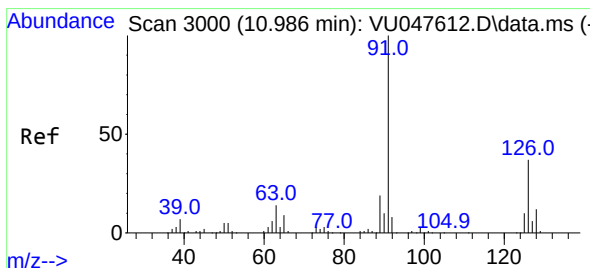
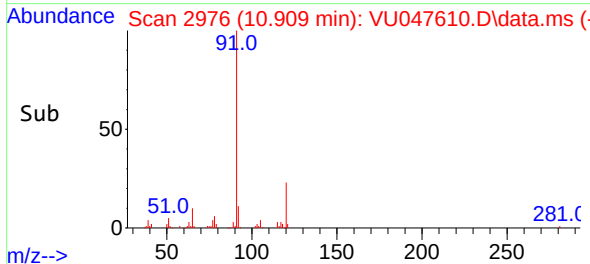
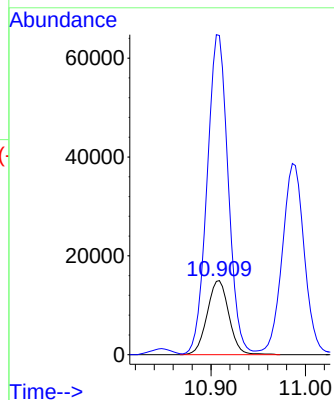
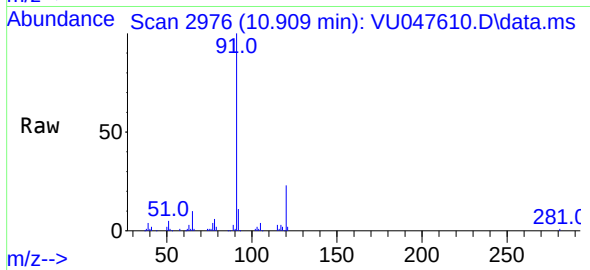
#73
n-propylbenzene
Concen: 2.138 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:120 Resp: 23964
Ion Ratio Lower Upper
120 100
91 419.0 370.7 556.1

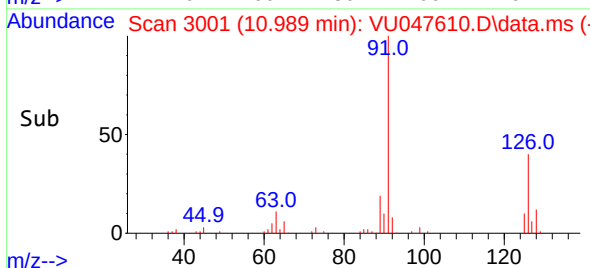
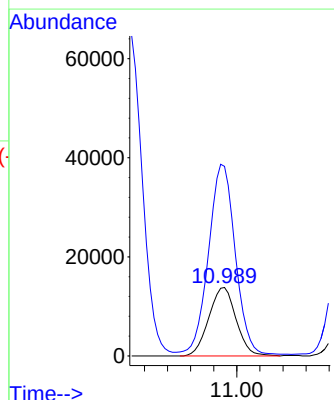
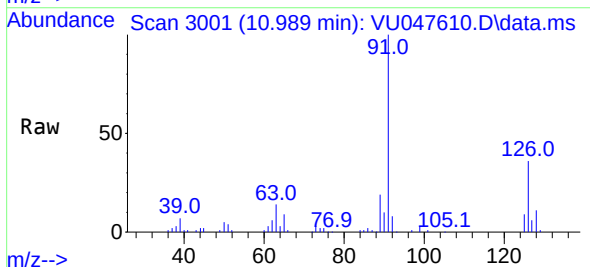
Manual Integrations
APPROVED

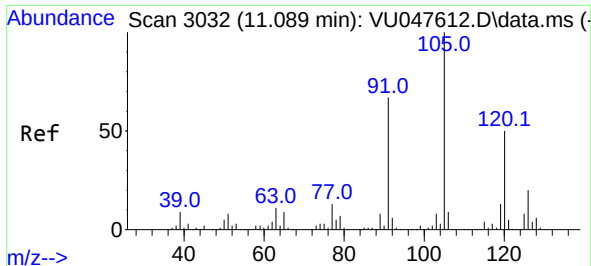
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#74
2-Chlorotoluene
Concen: 2.374 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Tgt Ion:126 Resp: 22686
Ion Ratio Lower Upper
126 100
91 276.0 0.0 639.6





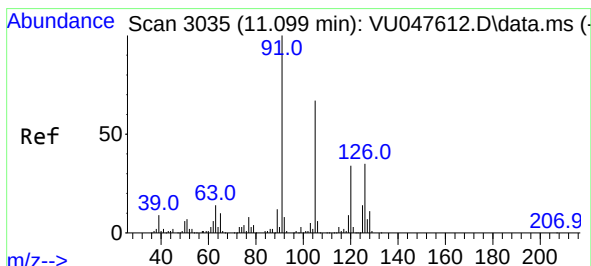
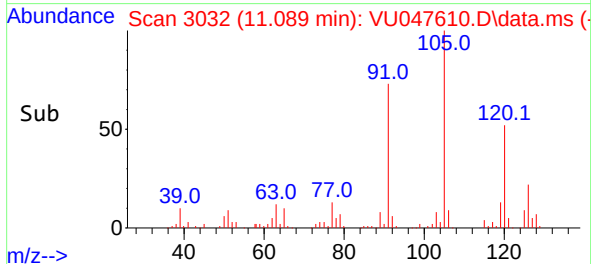
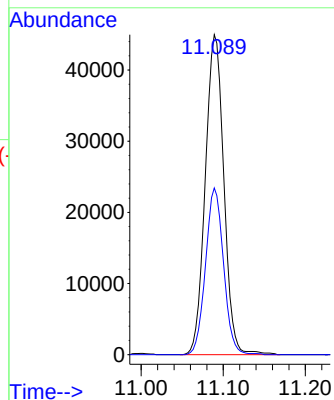
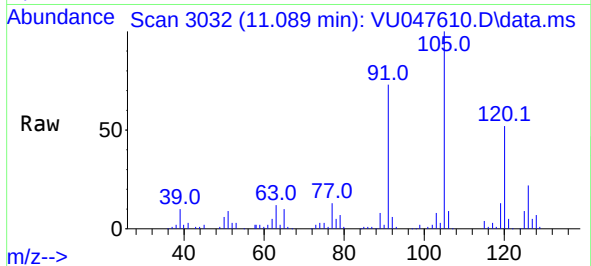
#75
1,3,5-Trimethylbenzene
Concen: 2.120 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:105 Resp: 7078
Ion Ratio Lower Upper
105 100
120 50.4 38.6 58.0

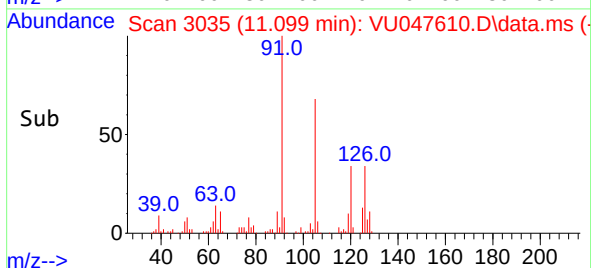
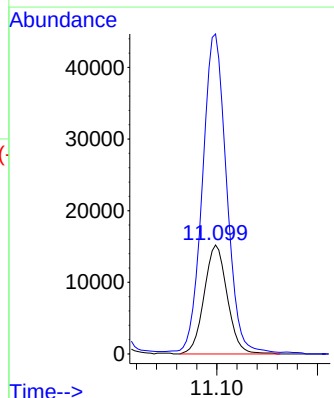
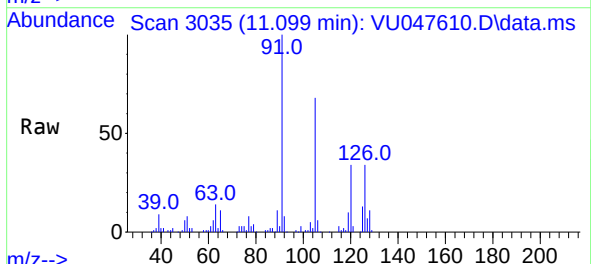
Manual Integrations
APPROVED

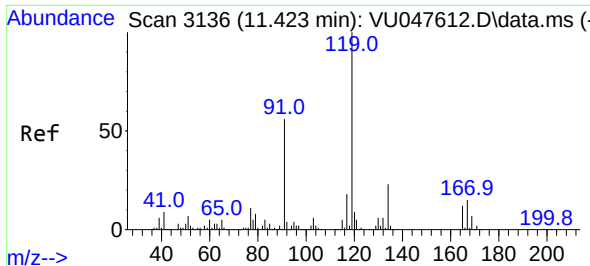
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#76
4-Chlorotoluene
Concen: 2.414 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

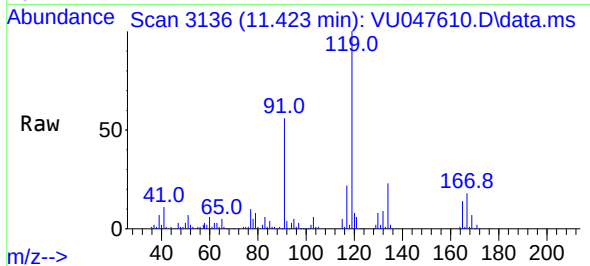
Tgt Ion:126 Resp: 24237
Ion Ratio Lower Upper
126 100
91 304.2 0.0 728.0





#77
tert-Butylbenzene
Concen: 2.164 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

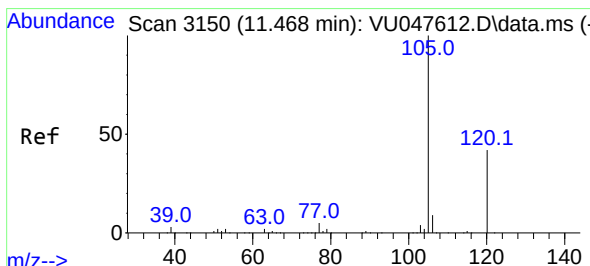
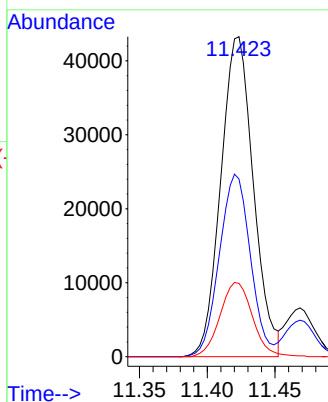
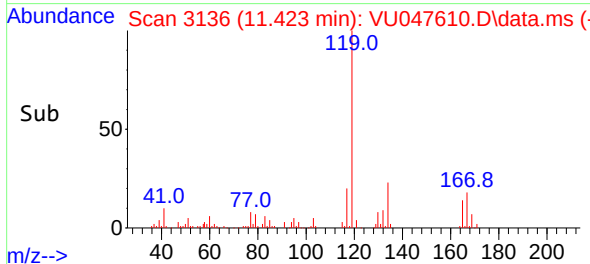
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



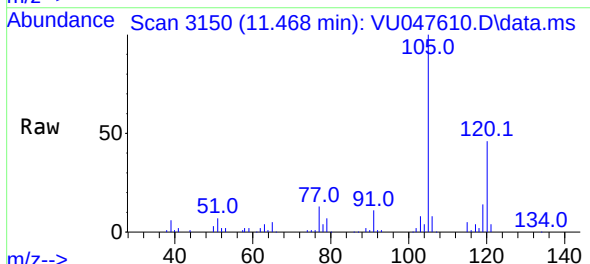
Tgt Ion:119 Resp: 72509
Ion Ratio Lower Upper
119 100
91 54.3 31.4 94.3
134 23.1 18.5 27.7

Manual Integrations
APPROVED

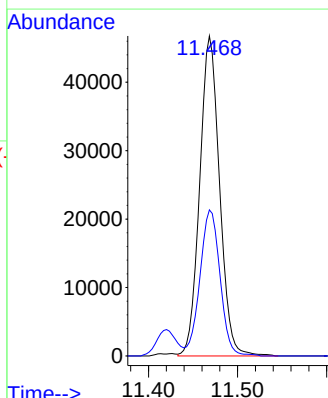
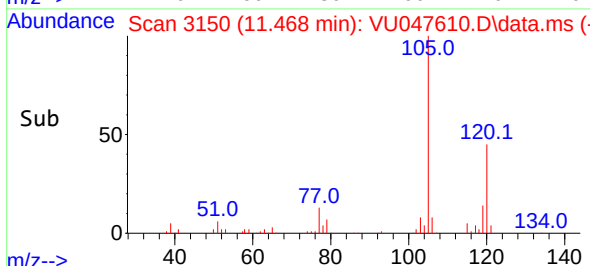
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

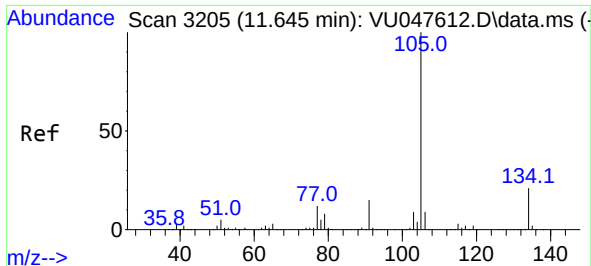


#78
1,2,4-Trimethylbenzene
Concen: 2.126 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57



Tgt Ion:105 Resp: 72455
Ion Ratio Lower Upper
105 100
120 46.2 22.3 66.8





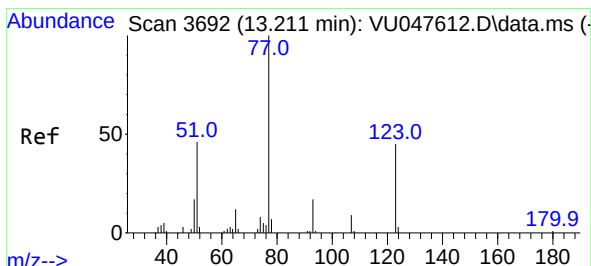
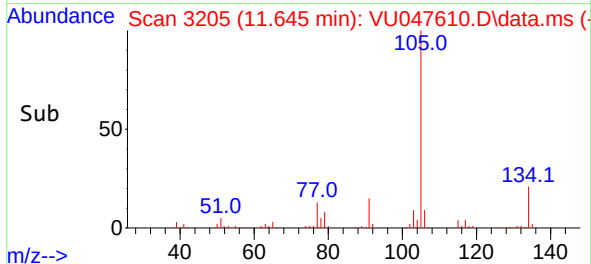
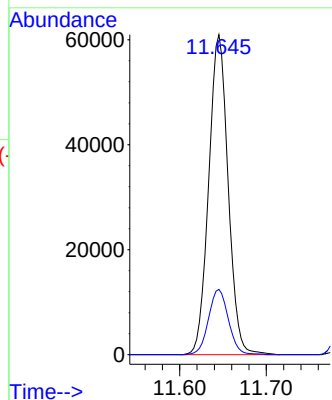
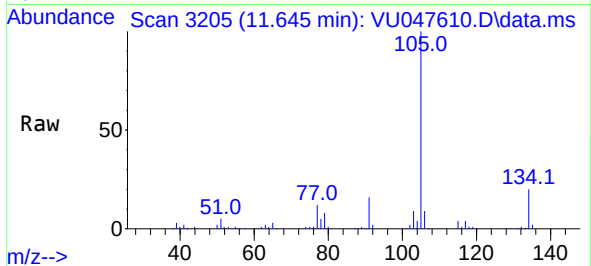
#79
 sec-Butylbenzene
 Concen: 2.133 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU047610.D
 Acq: 18 Mar 2022 10:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion:105 Resp: 94924
 Ion Ratio Lower Upper
 105 100
 134 20.9 15.4 23.0

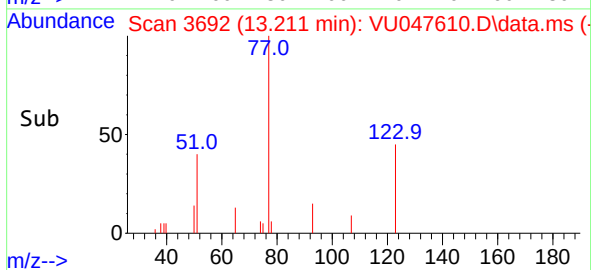
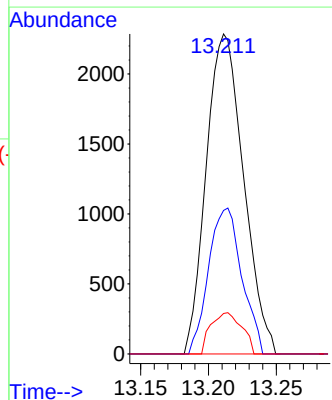
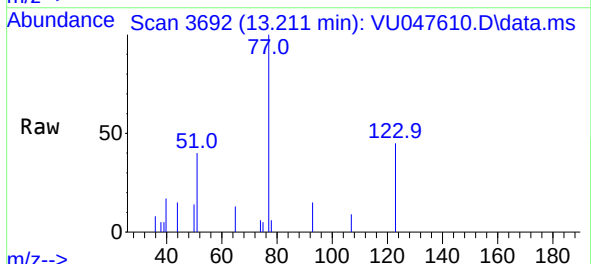
Manual Integrations
 APPROVED

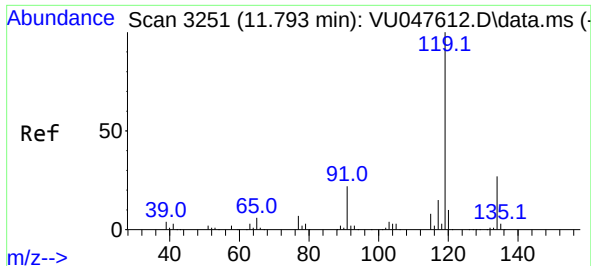
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 03/31/2022



#80
 Nitrobenzene
 Concen: 10.159 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.003 min
 Lab File: VU047610.D
 Acq: 18 Mar 2022 10:57

Tgt Ion: 77 Resp: 4379
 Ion Ratio Lower Upper
 77 100
 123 40.6 18.2 64.4
 65 10.7 12.0 15.2#





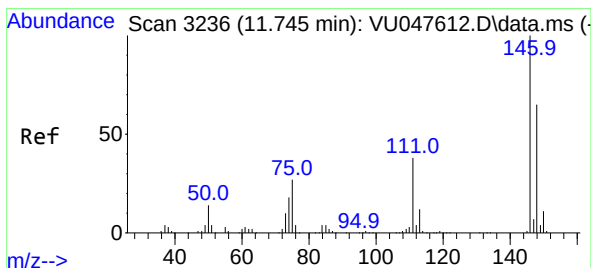
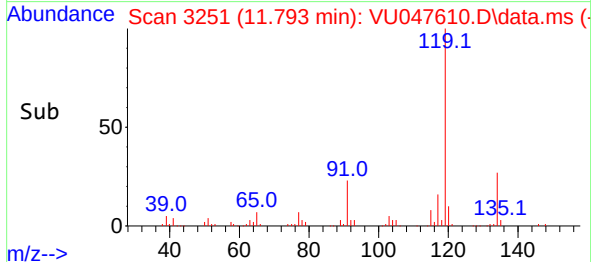
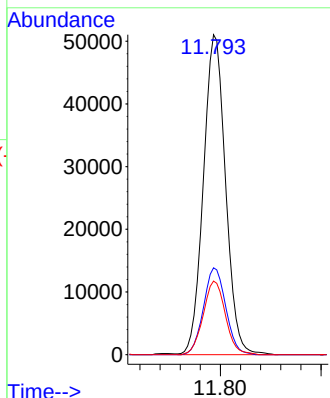
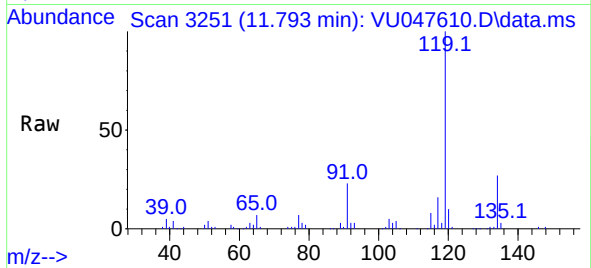
#81
p-Isopropyltoluene
Concen: 2.072 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. -0.003 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 78012
Ion Ratio Lower Upper
119 100
134 27.2 20.2 30.4
91 23.1 19.9 29.9

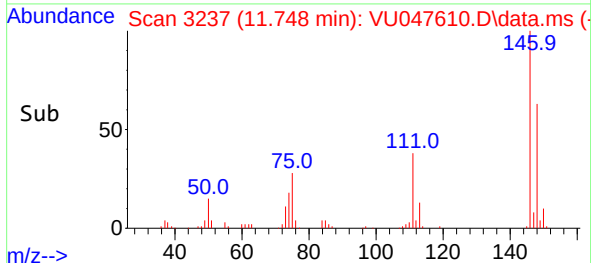
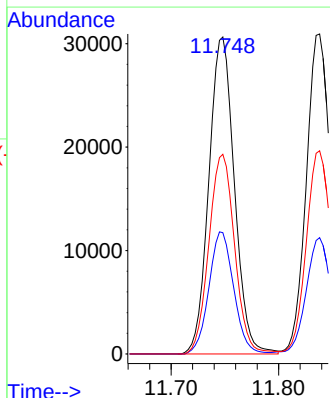
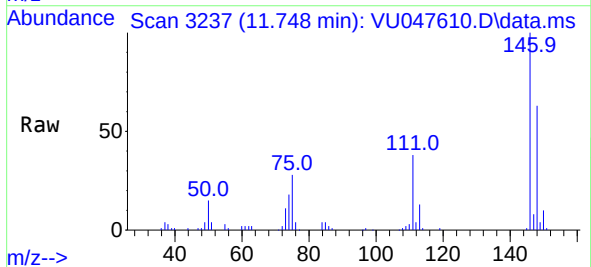
Manual Integrations
APPROVED

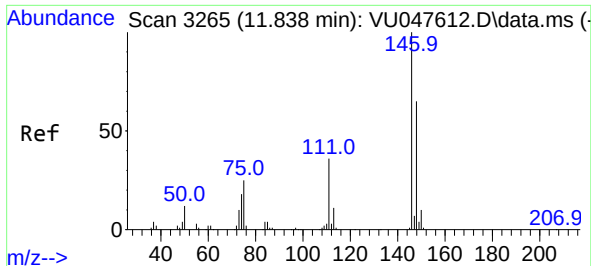
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#82
1,3-Dichlorobenzene
Concen: 2.612 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

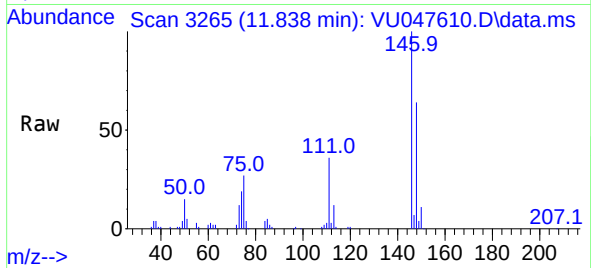
Tgt Ion:146 Resp: 50574
Ion Ratio Lower Upper
146 100
111 37.4 33.9 50.9
148 63.6 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 2.579 ug/l
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

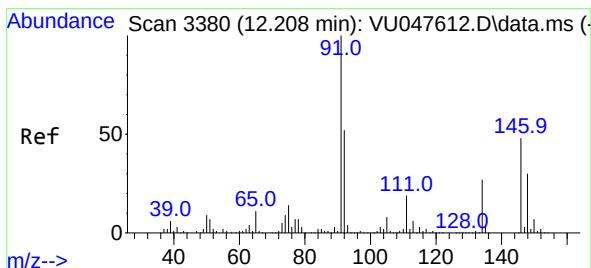
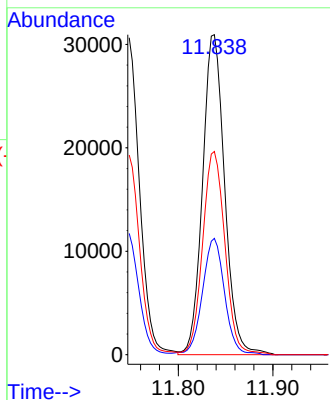
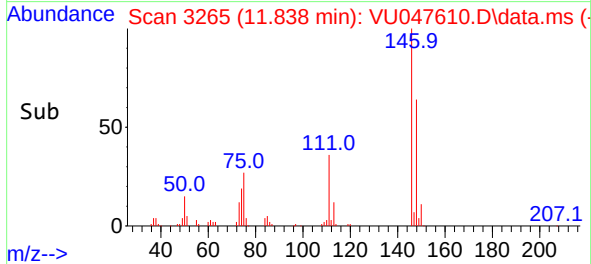
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



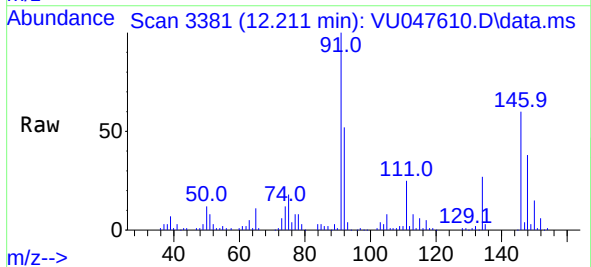
Tgt Ion:146 Resp: 50304
Ion Ratio Lower Upper
146 100
111 36.3 32.7 49.1
148 64.3 51.4 77.0

Manual Integrations
APPROVED

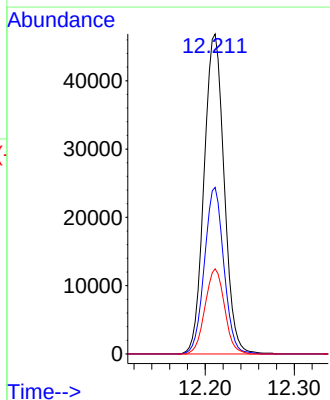
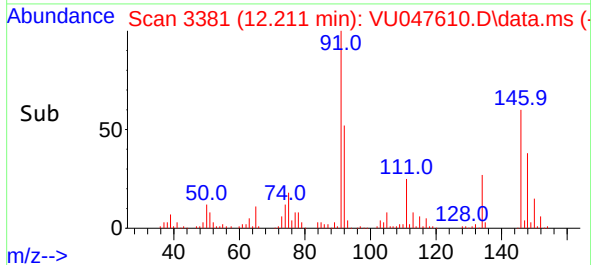
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

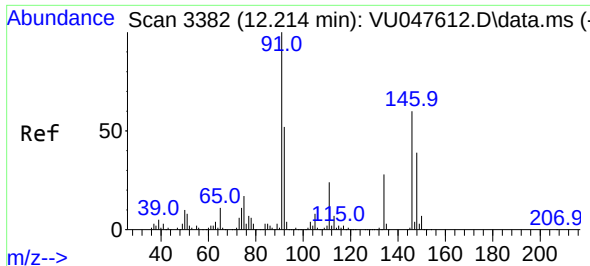


#84
n-Butylbenzene
Concen: 2.026 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57



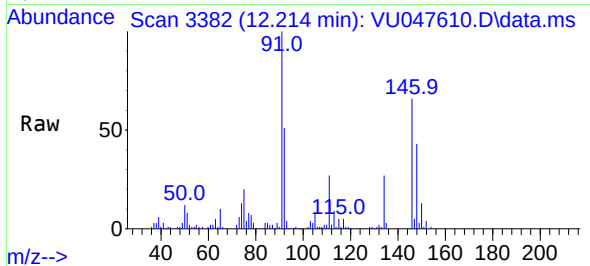
Tgt Ion: 91 Resp: 73248
Ion Ratio Lower Upper
91 100
92 50.5 43.5 65.3
134 25.8 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 2.578 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

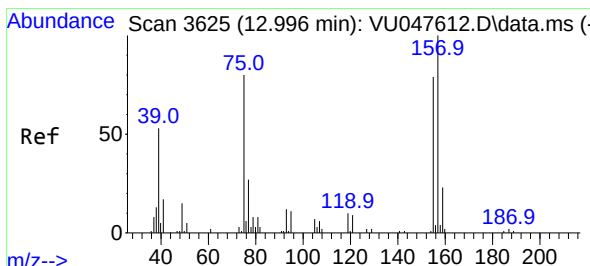
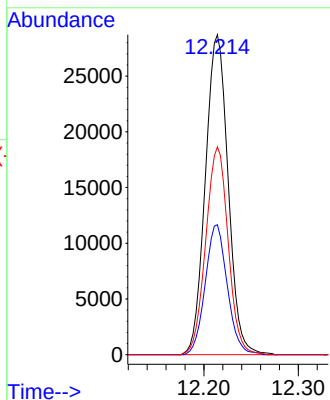
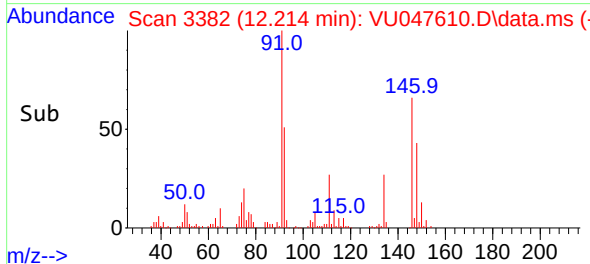
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



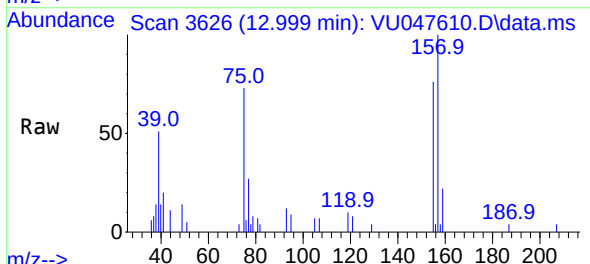
Tgt Ion:146 Resp: 4803
Ion Ratio Lower Upper
146 100
111 39.4 22.1 66.1
148 64.0 31.6 94.7

Manual Integrations
APPROVED

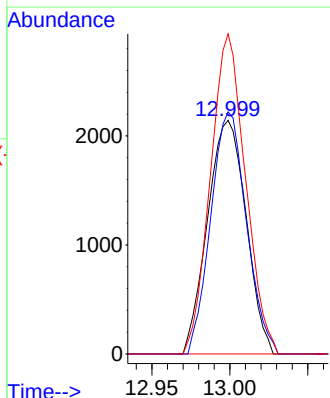
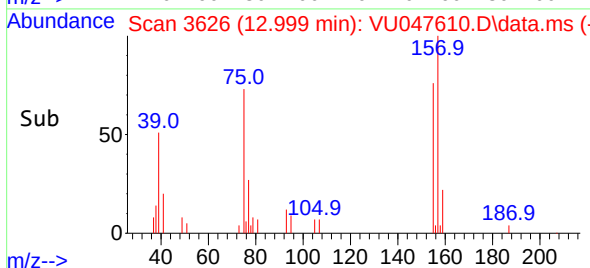
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

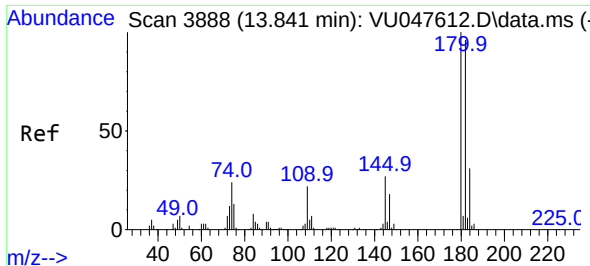


#86
1,2-Dibromo-3-Chloropropane
Concen: 2.249 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57



Tgt Ion: 75 Resp: 3682
Ion Ratio Lower Upper
75 100
155 95.8 57.8 86.8#
157 124.6 75.1 112.7#





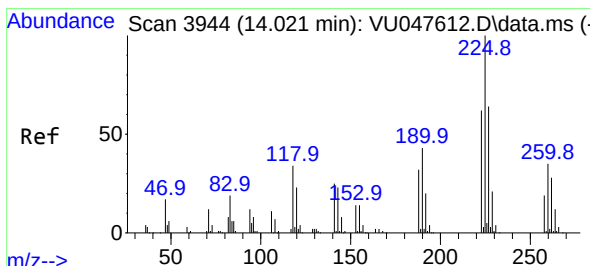
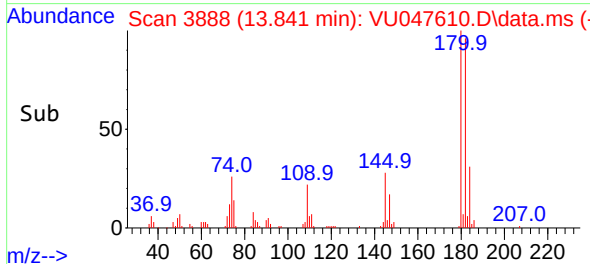
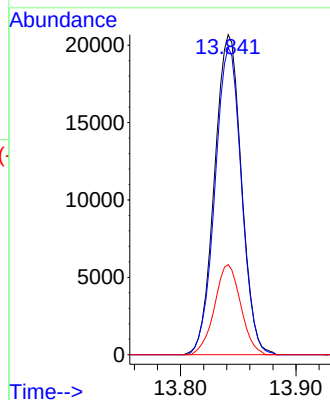
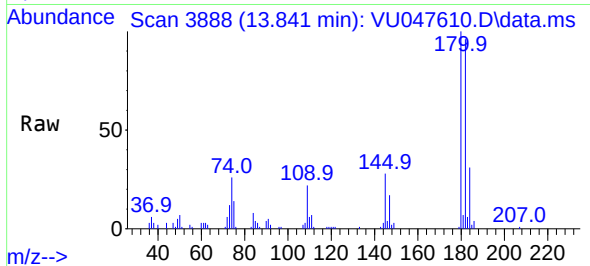
#87
1,2,4-Trichlorobenzene
Concen: 2.280 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 3336
Ion Ratio Lower Upper
180 100
182 94.5 75.8 113.8
145 27.4 25.3 37.9

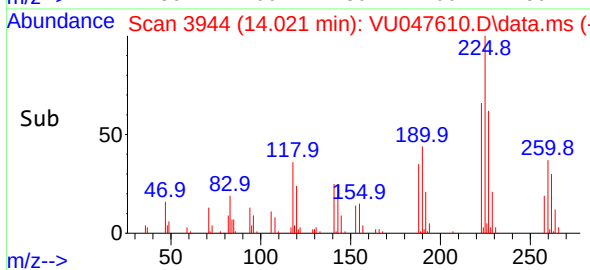
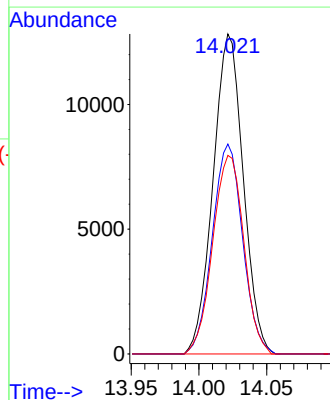
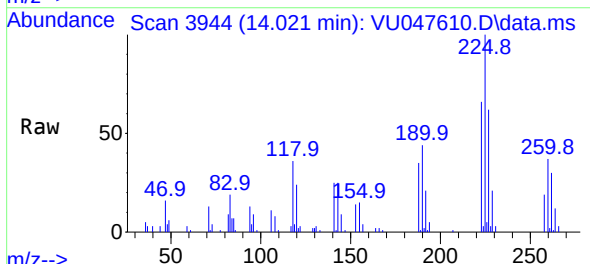
Manual Integrations
APPROVED

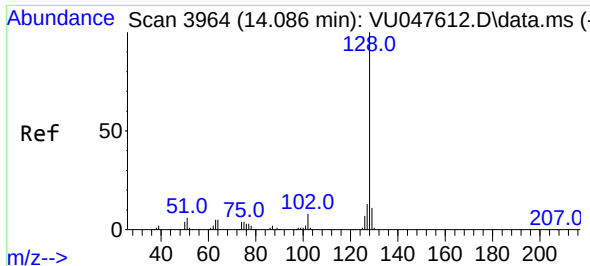
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#88
Hexachlorobutadiene
Concen: 2.653 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Tgt Ion:225 Resp: 19845
Ion Ratio Lower Upper
225 100
223 66.0 51.1 76.7
227 63.8 49.9 74.9





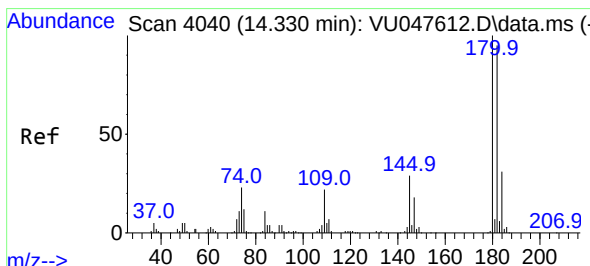
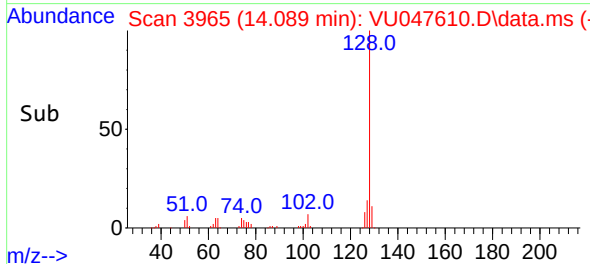
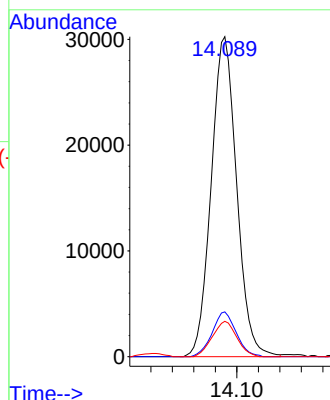
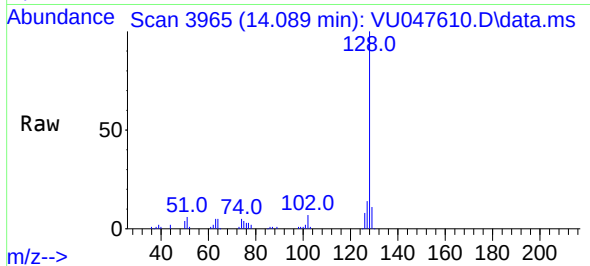
#89
Naphthalene
Concen: 1.658 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 49680
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.7 8.6 13.0

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 2.406 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047610.D
Acq: 18 Mar 2022 10:57

Tgt Ion:180 Resp: 31578
Ion Ratio Lower Upper
180 100
182 94.3 75.4 113.0
145 29.1 27.0 40.4

