

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031822\
 Data File : VU047611.D
 Acq On : 18 Mar 2022 11:24
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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

Quant Time: Mar 18 11:56:25 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	31111	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	11867	0.985	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	13733	1.094	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	56487	5.446	ug/l	98
3) Chloromethane	1.530	50	55854	5.243	ug/l	98
4) Vinyl Chloride	1.607	62	54185	5.152	ug/l	99
5) Bromomethane	1.861	94	32489	4.729	ug/l	100
6) Chloroethane	1.938	64	32784	5.426	ug/l	98
7) Trichlorofluoromethane	2.144	101	75111	6.059	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	43741	6.122	ug/l	90
9) 1,1-Dichloroethene	2.588	96	42335	5.757	ug/l	88
10) Iodomethane	2.729	142	15963	2.560	ug/l	98
11) Allyl Chloride	2.928	41	52708	4.598	ug/l	98
12) Acrylonitrile	3.330	53	18735	8.680	ug/l	# 87
13) Acetone	2.646	43	34597	31.865	ug/l	98
14) Carbon Disulfide	2.800	76	134248	5.397	ug/l	99
15) Methylene Chloride	3.051	84	52755	6.388	ug/l	94
16) trans-1,2-Dichloroethene	3.356	96	45740	5.894	ug/l	93
17) 1,1-Dichloroethane	3.877	63	76046	5.348	ug/l	100
18) 2-Butanone	4.726	43	54163	24.909	ug/l	98
19) Cyclohexane	5.391	56	58057m	4.407	ug/l	
20) Methylcyclohexane	6.764	83	67133	4.623	ug/l	96
21) 2,2-Dichloropropane	4.671	77	67701	5.327	ug/l	96
22) cis-1,2-Dichloroethene	4.671	96	48518	5.436	ug/l	89
23) Diethyl Ether	2.382	59	31287	5.264	ug/l	95
24) tert-Butyl Alcohol	3.247	59	25762m	66.650	ug/l	
25) Methyl tert-Butyl Ether	3.372	73	104475	5.066	ug/l	98
26) Bromochloromethane	4.980	128	25356	6.317	ug/l	80
27) Chloroform	5.092	83	82217	5.698	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	71588	5.731	ug/l	95
29) 1,1-Dichloropropene	5.530	75	60413	5.283	ug/l	96
30) Carbon Tetrachloride	5.530	117	65110	5.929	ug/l	99
31) Isopropyl Ether	4.002	45	101122	4.446	ug/l	93
32) Ethyl-t-butyl ether	4.510	59	104559	4.523	ug/l	94
33) Tert-Amyl methyl ether	5.948	73	97432	4.576	ug/l	98
34) Propionitrile	4.800	54	17273	31.152	ug/l	# 99
35) Benzene	5.777	78	177927	5.553	ug/l	100
36) 1,2-Dichloroethane	5.800	62	52773	5.439	ug/l	98
37) Trichloroethene	6.546	130	50492	5.691	ug/l	88
38) 1,2-Dichloropropane	6.793	63	44729	5.275	ug/l	99
39) Methacrylonitrile	4.983	41	13163	4.504	ug/l	# 92
40) Methyl acrylate	4.858	55	21555	4.363	ug/l	# 94
41) Tetrahydrofuran	5.073	42	12940	8.691	ug/l	91
42) 1-Chlorobutane	5.462	56	76346	4.973	ug/l	98
43) Dibromomethane	6.922	93	27068	5.919	ug/l	# 88
44) Bromodichloromethane	7.108	83	62125	5.744	ug/l	98

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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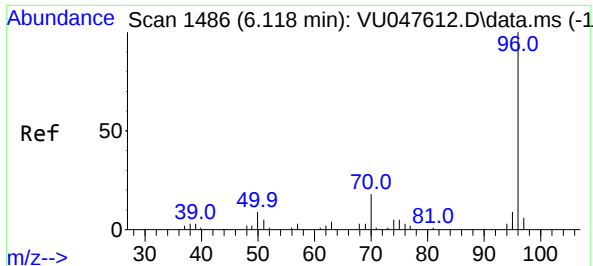
Manual Integrations
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	136709	22.103	ug/l	98
46) t-1,4-Dichloro-2-butene	10.838	75	22030m	8.182	ug/l	
47) Methyl methacrylate	6.967	69	45324	9.450	ug/l	89
48) Ethyl methacrylate	8.337	69	41523	4.271	ug/l	89
49) Toluene	7.970	92	112237	5.430	ug/l	98
50) t-1,3-Dichloropropene	8.214	75	58127	4.965	ug/l	100
51) cis-1,3-Dichloropropene	7.610	75	63382	4.829	ug/l	93
52) 1,1,2-Trichloroethane	8.404	97	37168	5.696	ug/l	98
53) 1,3-Dichloropropane	8.578	76	60843	5.219	ug/l	98
54) 2-Hexanone	8.690	43	97999	21.267	ug/l	98
55) Dibromochloromethane	8.812	129	46856	5.907	ug/l	98
56) 1,2-Dibromoethane	8.925	107	37246	5.648	ug/l	99
58) Tetrachloroethene	8.555	164	46269	5.652	ug/l	96
59) Chlorobenzene	9.449	112	124862	5.418	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	48202	6.085	ug/l	97
61) Pentachloroethane	11.430	117	40319	6.705	ug/l	83
62) Hexachloroethane	12.475	117	40141	6.183	ug/l #	69
63) Ethyl Benzene	9.571	91	201349	4.970	ug/l	98
64) m/p-Xylenes	9.693	106	163301	10.574	ug/l	94
65) o-Xylene	10.102	106	76551	5.117	ug/l	94
66) Styrene	10.115	104	135105	5.321	ug/l	96
67) Bromoform	10.292	173	31325	6.231	ug/l #	96
69) Isopropylbenzene	10.484	105	202602	5.036	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.783	83	48429	5.490	ug/l	99
71) 1,2,3-Trichloropropane	10.828	75	40102m	5.386	ug/l	
72) Bromobenzene	10.783	156	57917	5.894	ug/l	77
73) n-propylbenzene	10.906	120	58897	5.318	ug/l	85
74) 2-Chlorotoluene	10.986	126	54005	5.719	ug/l	76
75) 1,3,5-Trimethylbenzene	11.089	105	175520	5.320	ug/l	97
76) 4-Chlorotoluene	11.099	126	56091	5.654	ug/l	80
77) tert-Butylbenzene	11.420	119	173185	5.231	ug/l	91
78) 1,2,4-Trimethylbenzene	11.468	105	181118	5.379	ug/l	96
79) sec-Butylbenzene	11.645	105	229491	5.220	ug/l	96
80) Nitrobenzene	13.208	77	10139	23.806	ug/l #	93
81) p-Isopropyltoluene	11.793	119	196301	5.277	ug/l	96
82) 1,3-Dichlorobenzene	11.745	146	114911	6.007	ug/l	96
83) 1,4-Dichlorobenzene	11.838	146	116533	6.048	ug/l	97
84) n-Butylbenzene	12.208	91	183384	5.133	ug/l	95
85) 1,2-Dichlorobenzene	12.214	146	111716	6.067	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.996	75	8268	5.112	ug/l #	62
87) 1,2,4-Trichlorobenzene	13.841	180	80526	5.570	ug/l	97
88) Hexachlorobutadiene	14.021	225	46540	6.296	ug/l	98
89) Naphthalene	14.086	128	130651	4.412	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	75967	5.858	ug/l	96

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



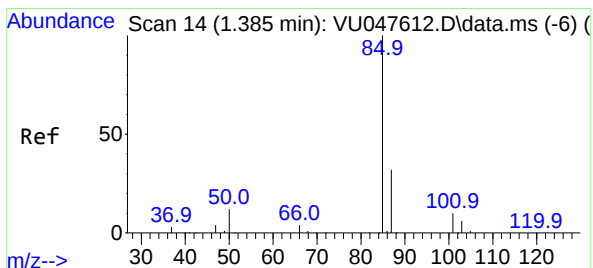
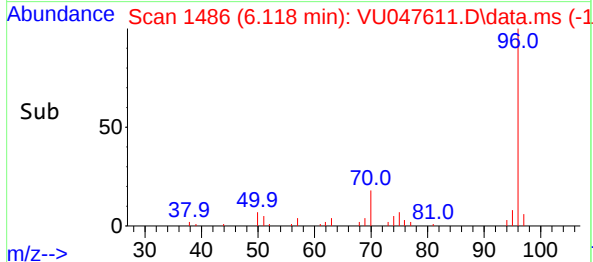
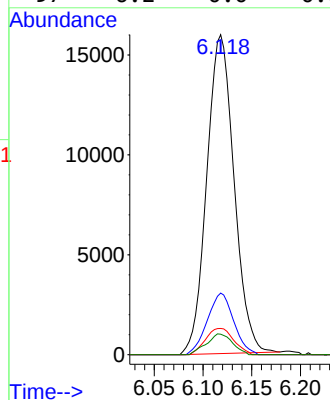
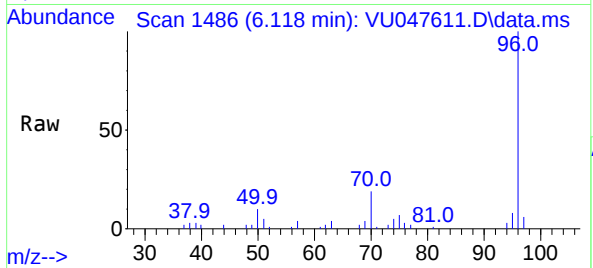
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 96	Resp: 3111
Ion Ratio	Lower Upper
96 100	
70 18.7	16.8 25.2
95 8.5	7.3 10.9
97 6.2	0.0 0.0#

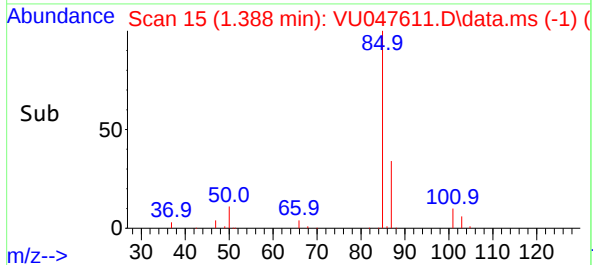
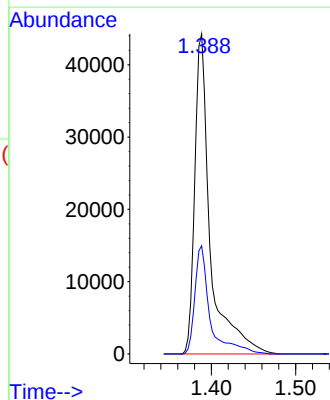
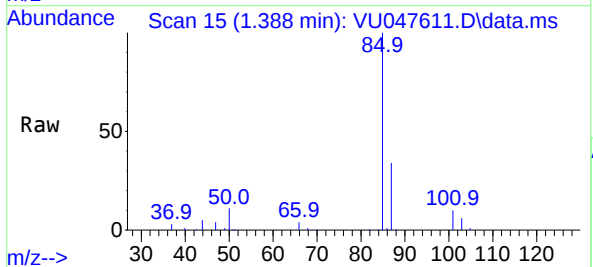
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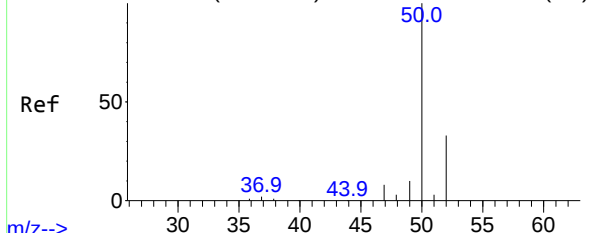


#2
Dichlorodifluoromethane
Concen: 5.446 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Tgt Ion: 85	Resp: 56487
Ion Ratio	Lower Upper
85 100	
87 33.8	16.2 48.6



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



#3

Chloromethane

Concen: 5.243 ug/l

RT: 1.530 min Scan# 59

Delta R.T. 0.000 min

Lab File: VU047611.D

Acq: 18 Mar 2022 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 50 Resp: 55854

Ion Ratio Lower Upper

50 100

52 33.9 26.2 39.4

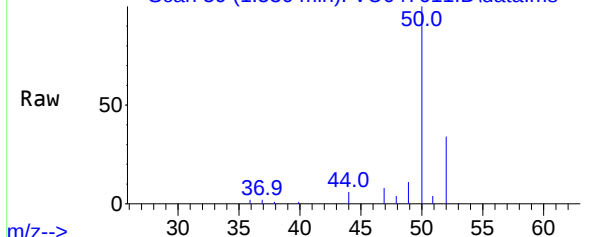
Manual Integrations

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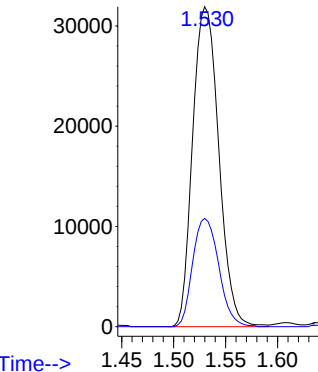
Reviewed By :John Carlone 03/31/2022

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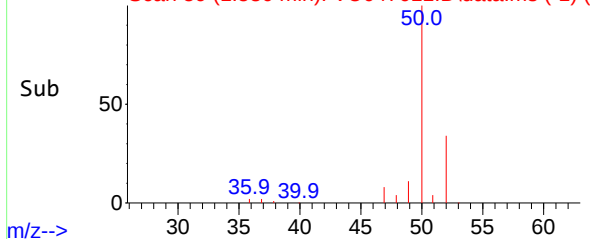
Abundance Scan 59 (1.530 min): VU047611.D\data.ms



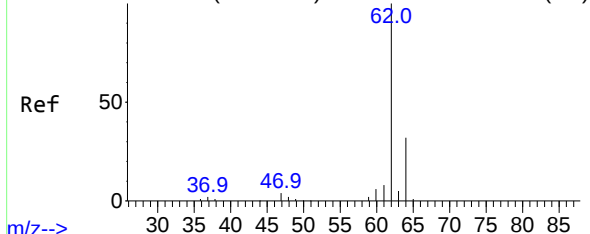
Abundance



Abundance Scan 59 (1.530 min): VU047611.D\data.ms (-1)



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



#4

Vinyl Chloride

Concen: 5.152 ug/l

RT: 1.607 min Scan# 83

Delta R.T. -0.003 min

Lab File: VU047611.D

Acq: 18 Mar 2022 11:24

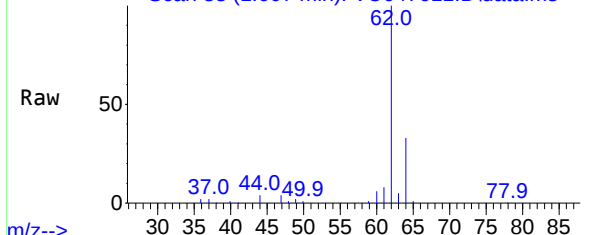
Tgt Ion: 62 Resp: 54185

Ion Ratio Lower Upper

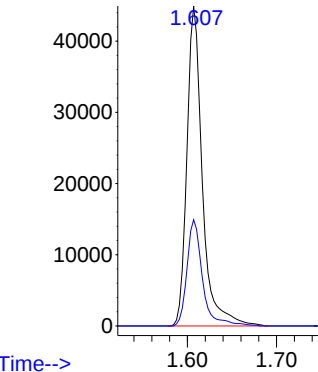
62 100

64 33.2 26.0 39.0

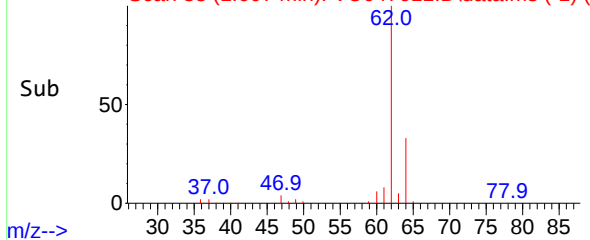
Abundance Scan 83 (1.607 min): VU047611.D\data.ms

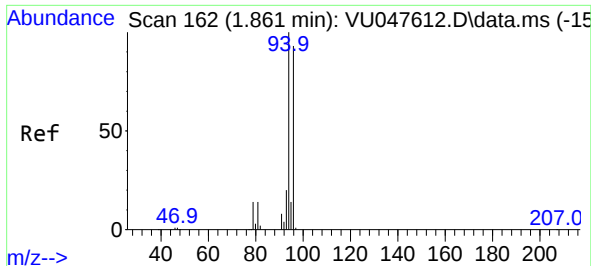


Abundance



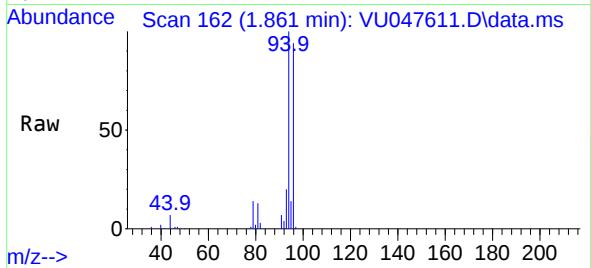
Abundance Scan 83 (1.607 min): VU047611.D\data.ms (-1)





#5
Bromomethane
Concen: 4.729 ug/l
RT: 1.861 min Scan# 162
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

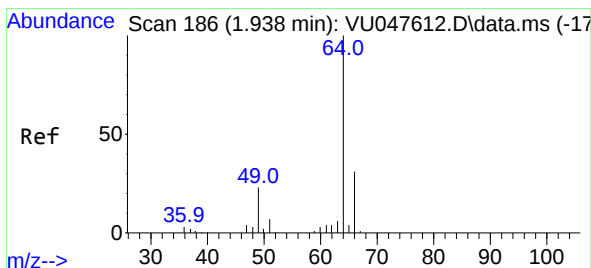
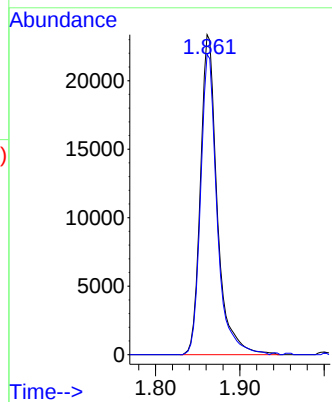
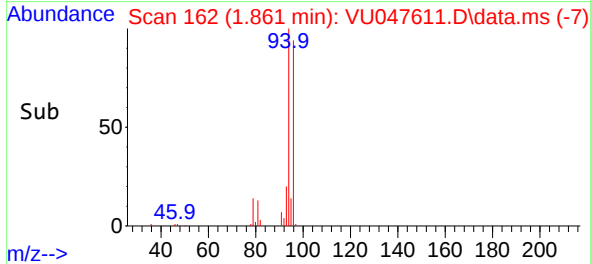
Instrument :
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ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 32489
Ion Ratio Lower Upper
94 100
96 93.8 75.0 112.4

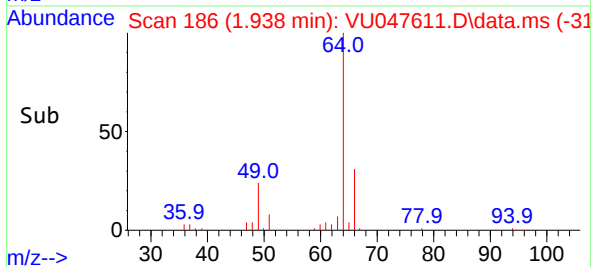
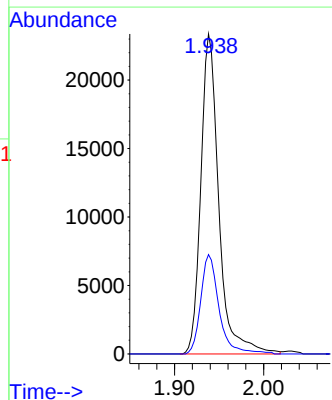
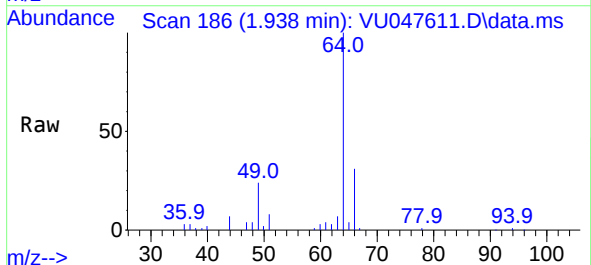
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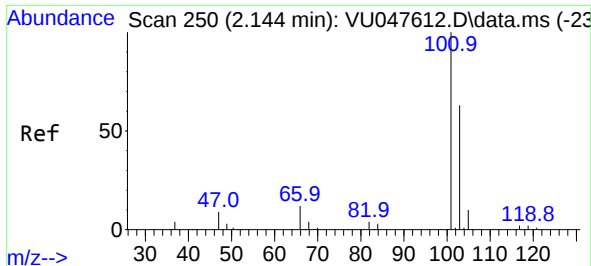
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#6
Chloroethane
Concen: 5.426 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

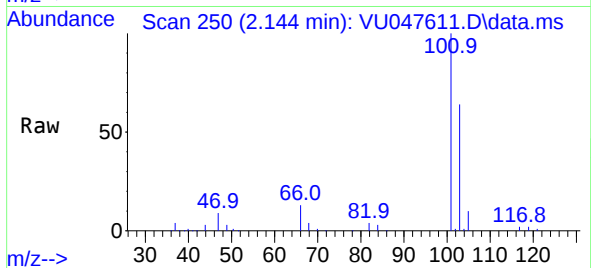
Tgt Ion: 64 Resp: 32784
Ion Ratio Lower Upper
64 100
66 31.1 25.8 38.8





#7
Trichlorofluoromethane
Concen: 6.059 ug/l
RT: 2.144 min Scan# 210
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

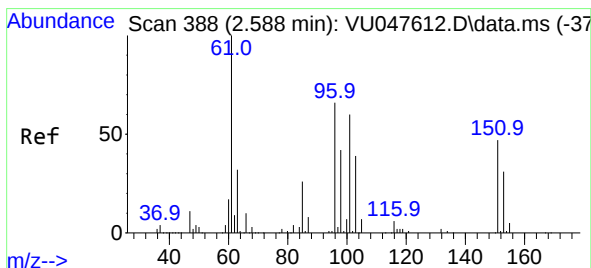
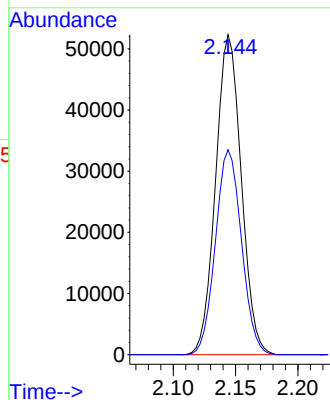
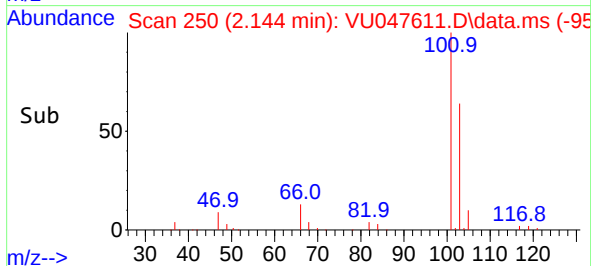
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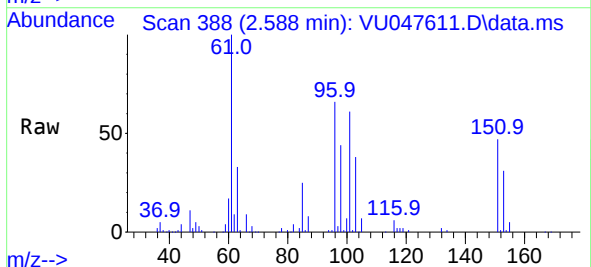
Tgt Ion:101 Resp: 7511
Ion Ratio Lower Upper
101 100
103 64.1 52.2 78.2

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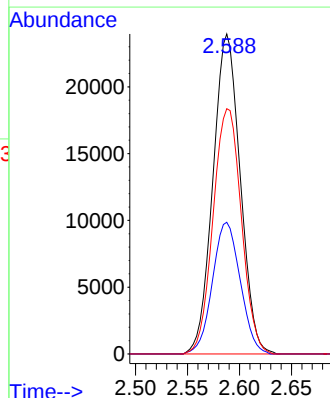
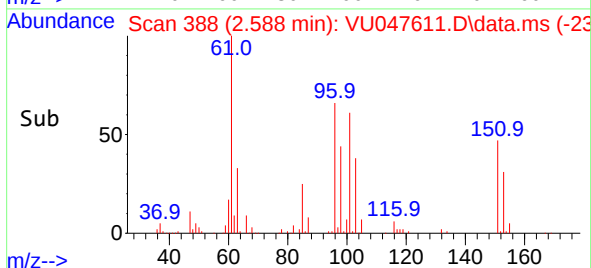
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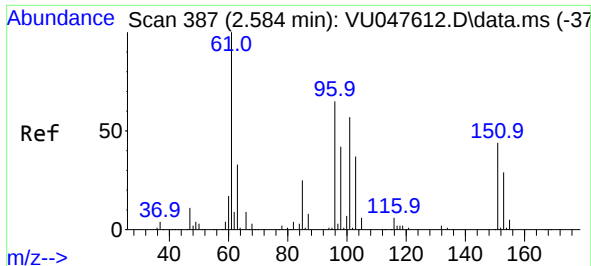


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.122 ug/l
RT: 2.588 min Scan# 388
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24



Tgt Ion:101 Resp: 43741
Ion Ratio Lower Upper
101 100
85 42.0 35.8 53.6
151 79.4 54.6 81.8





#9
1,1-Dichloroethene
Concen: 5.757 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

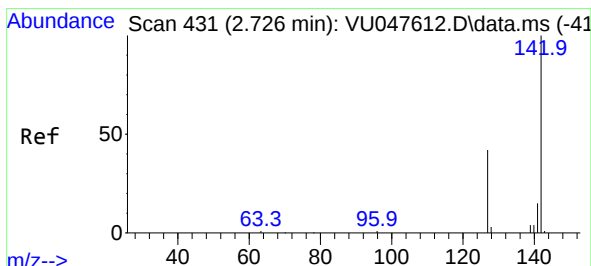
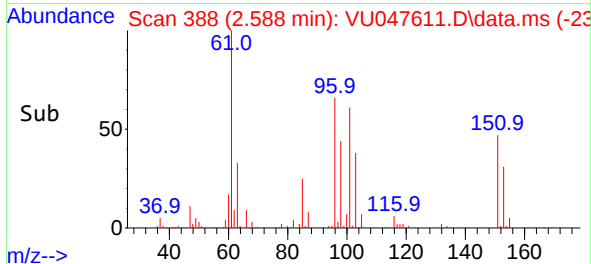
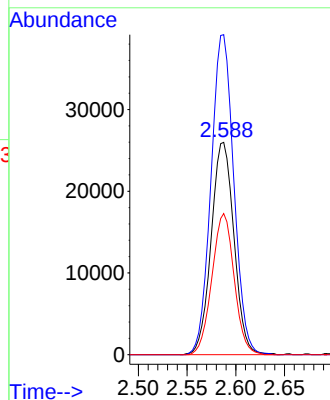
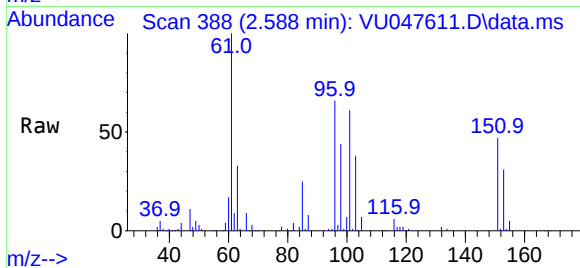
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Ion Ratio Lower Upper
96 100
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Manual Integrations

APPROVED

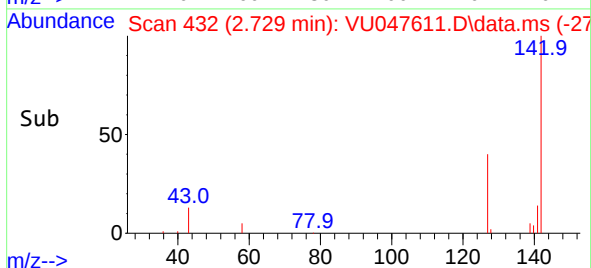
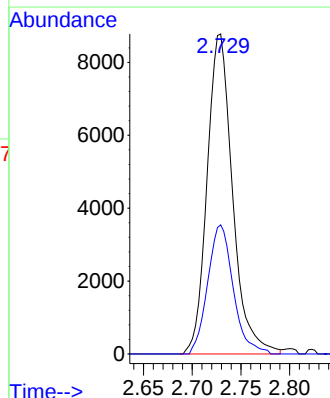
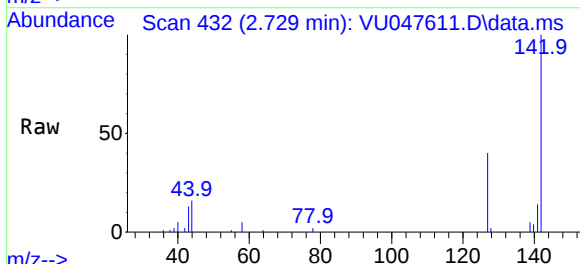
Reviewed By :John Carlone 03/31/2022

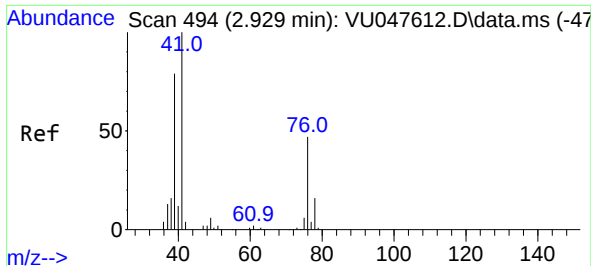
Supervised By :Mahesh Dadoda 03/31/2022



#10
Iodomethane
Concen: 2.560 ug/l
RT: 2.729 min Scan# 432
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Tgt Ion:142 Resp: 15963
Ion Ratio Lower Upper
142 100
127 40.4 33.2 49.8





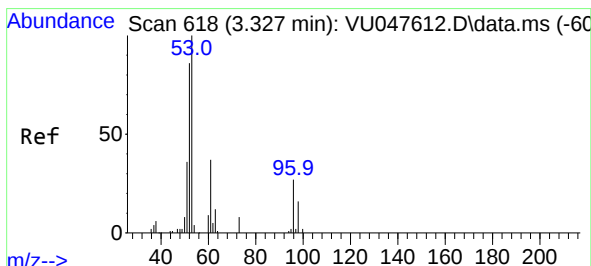
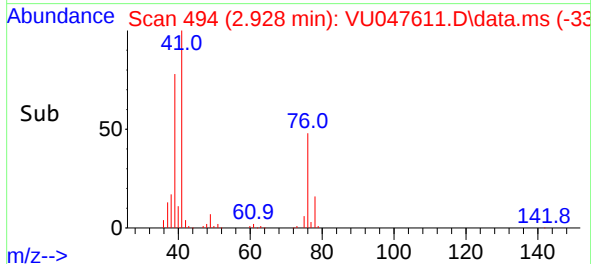
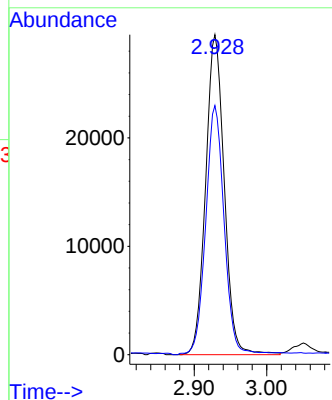
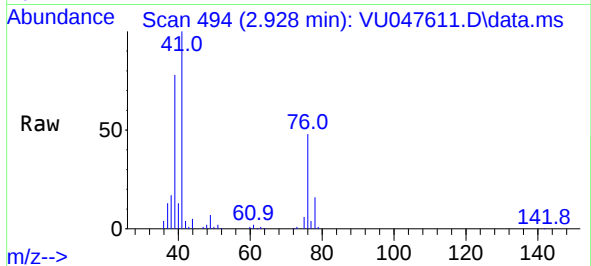
#11
 Allyl Chloride
 Concen: 4.598 ug/l
 RT: 2.928 min Scan# 494
 Delta R.T. -0.003 min
 Lab File: VU047611.D
 Acq: 18 Mar 2022 11:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 41 Resp: 52708
 Ion Ratio Lower Upper
 41 100
 39 76.7 62.4 93.6

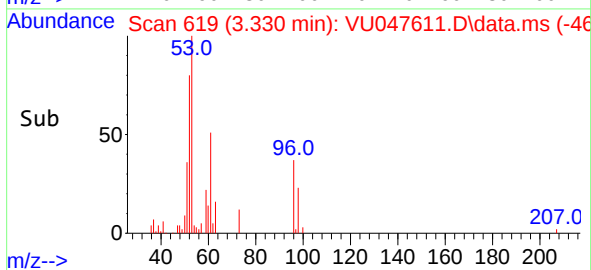
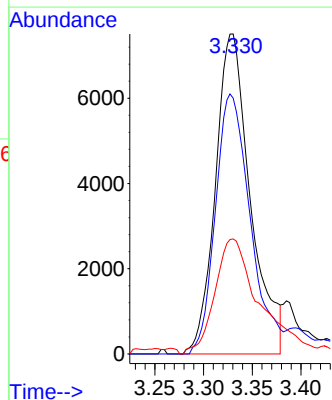
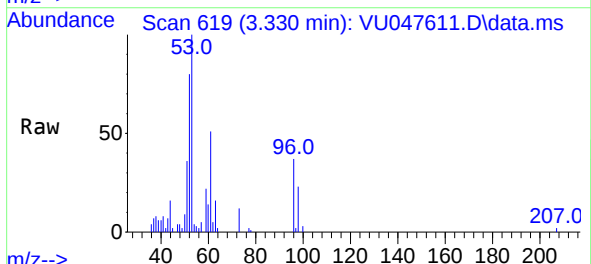
Manual Integrations
 APPROVED

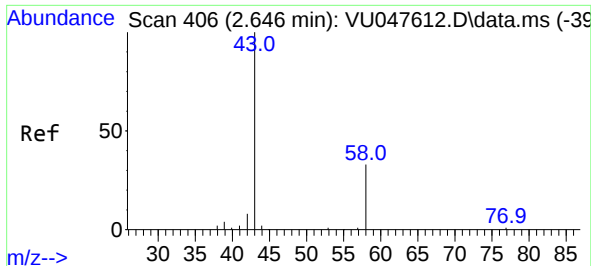
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 03/31/2022



#12
 Acrylonitrile
 Concen: 8.680 ug/l
 RT: 3.330 min Scan# 619
 Delta R.T. 0.010 min
 Lab File: VU047611.D
 Acq: 18 Mar 2022 11:24

Tgt Ion: 53 Resp: 18735
 Ion Ratio Lower Upper
 53 100
 52 81.3 56.7 85.1
 51 46.0 30.3 45.5





#13

Acetone

Concen: 31.865 ug/l

RT: 2.646 min Scan# 406

Delta R.T. 0.010 min

Lab File: VU047611.D

Acq: 18 Mar 2022 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 3459

Ion Ratio Lower Upper

43 100

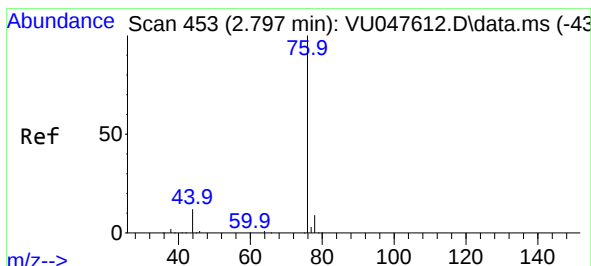
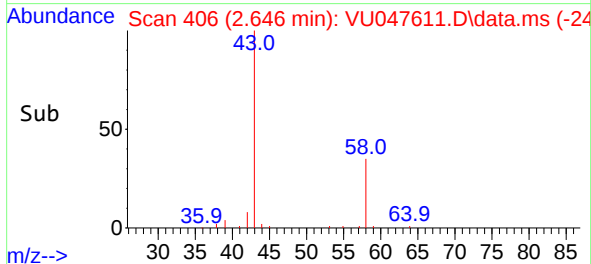
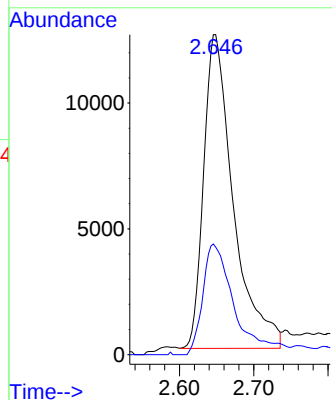
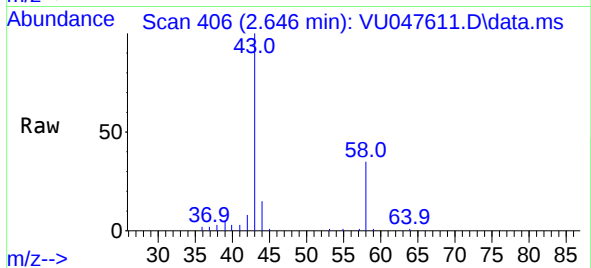
58 35.3 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#14

Carbon Disulfide

Concen: 5.397 ug/l

RT: 2.800 min Scan# 454

Delta R.T. -0.003 min

Lab File: VU047611.D

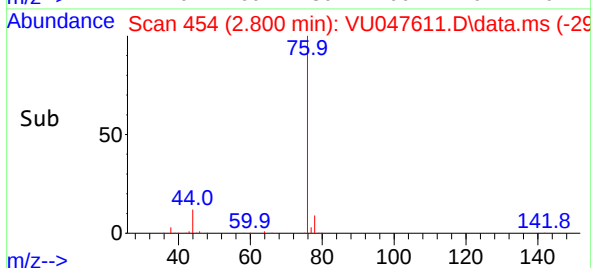
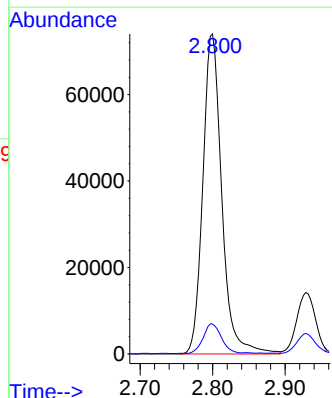
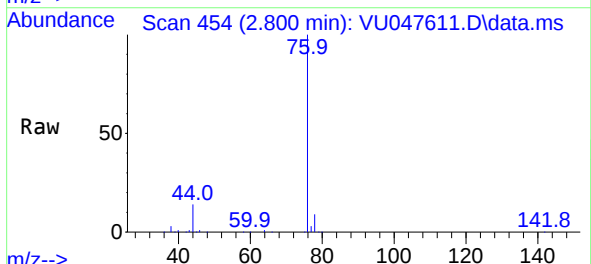
Acq: 18 Mar 2022 11:24

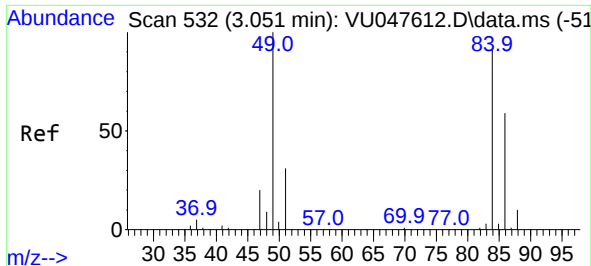
Tgt Ion: 76 Resp: 134248

Ion Ratio Lower Upper

76 100

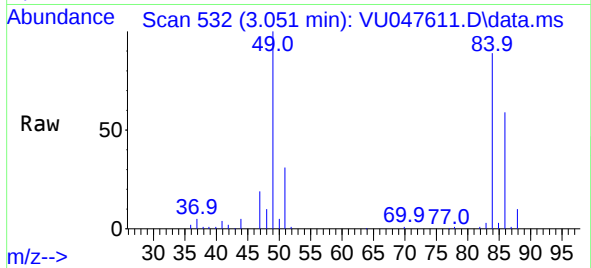
78 9.2 7.1 10.7





#15
Methylene Chloride
Concen: 6.388 ug/l
RT: 3.051 min Scan# 511
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

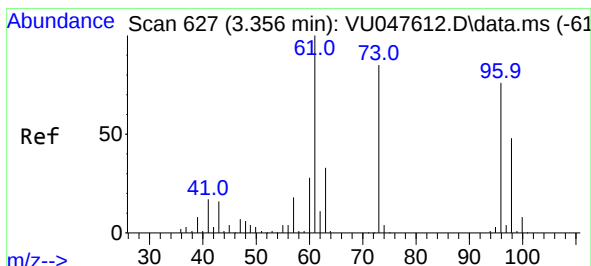
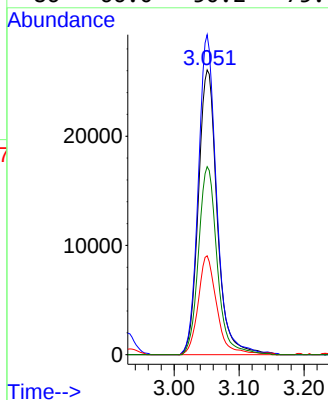
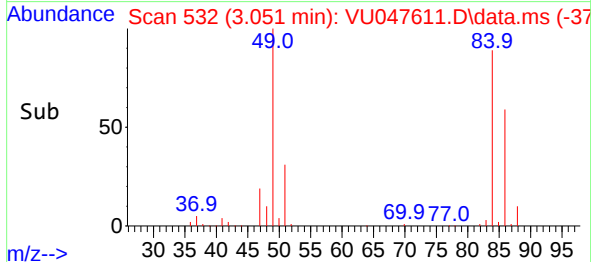
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 84 Resp: 5275
Ion Ratio Lower Upper
84 100
49 112.3 97.2 145.8
51 34.7 0.0 73.4
86 66.0 50.2 75.4

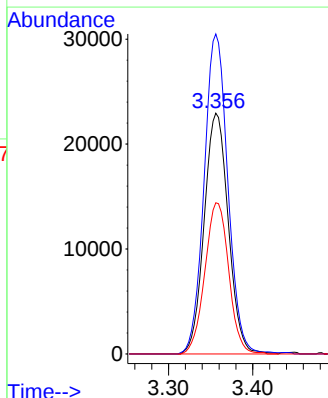
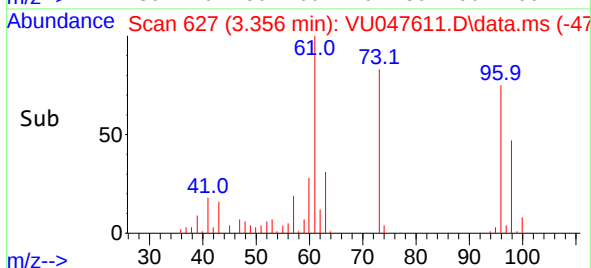
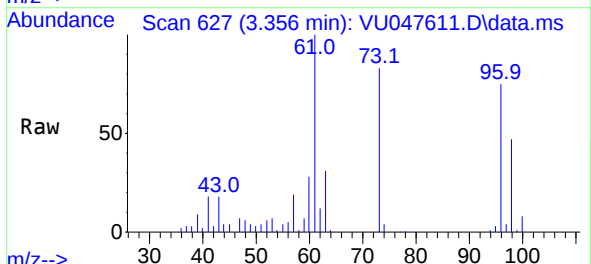
Manual Integrations
APPROVED

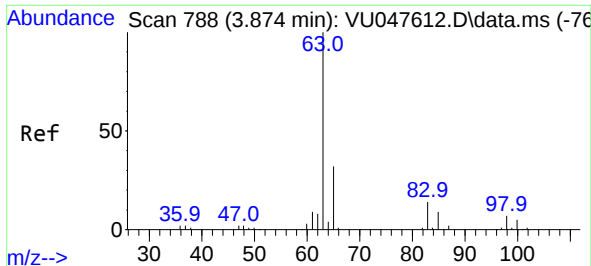
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#16
trans-1,2-Dichloroethene
Concen: 5.894 ug/l
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Tgt Ion: 96 Resp: 45740
Ion Ratio Lower Upper
96 100
61 132.9 115.8 173.6
98 62.8 51.1 76.7





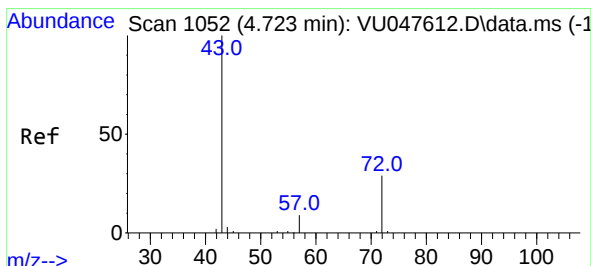
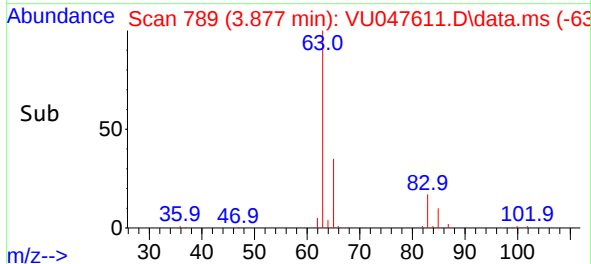
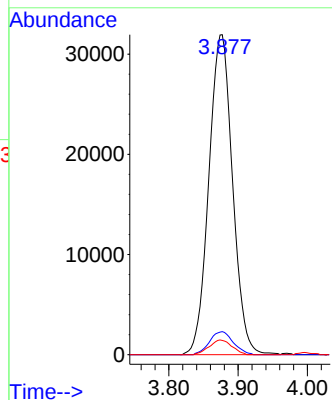
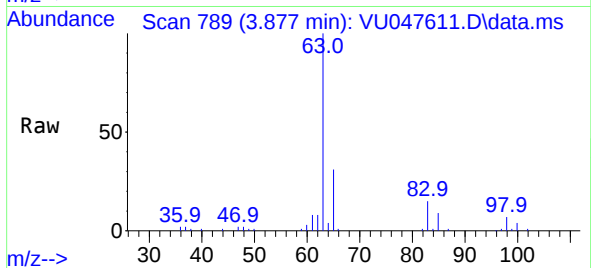
#17
1,1-Dichloroethane
Concen: 5.348 ug/l
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 76040
Ion Ratio Lower Upper
63 100
98 7.2 3.6 10.8
100 4.5 2.1 6.5

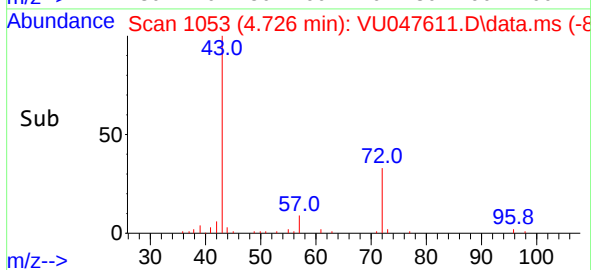
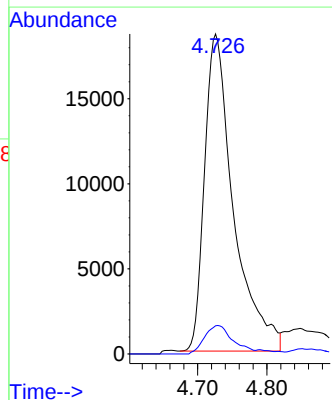
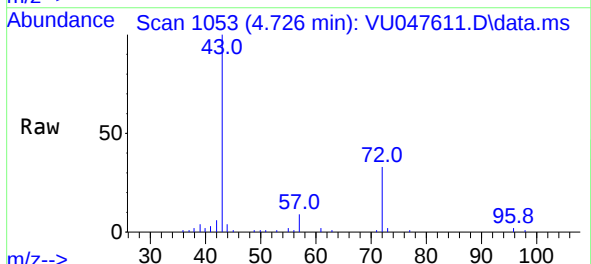
Manual Integrations
APPROVED

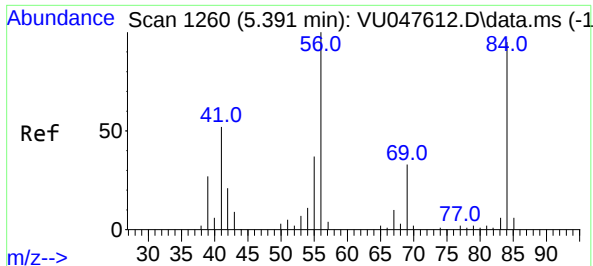
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#18
2-Butanone
Concen: 24.909 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.013 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

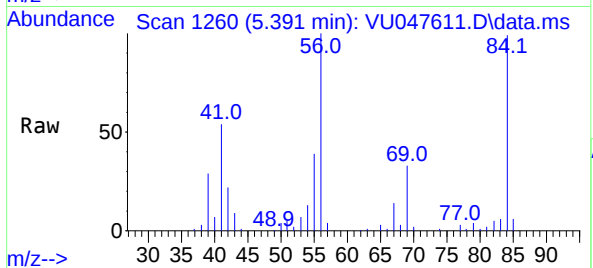
Tgt Ion: 43 Resp: 54163
Ion Ratio Lower Upper
43 100
57 8.9 0.0 16.6





#19
Cyclohexane
Concen: 4.407 ug/l m
RT: 5.391 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

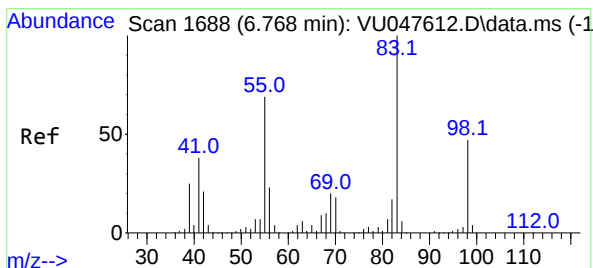
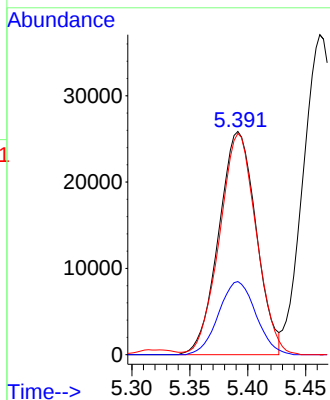
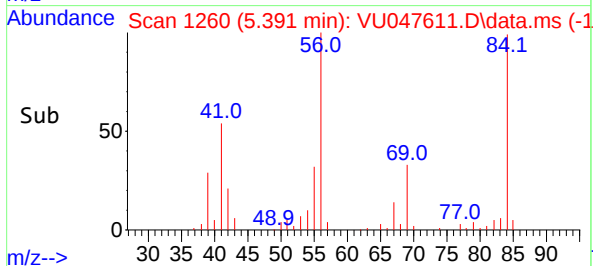
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 5805
Ion Ratio Lower Upper
56 100
69 32.6 24.7 37.1
84 95.9 68.8 103.2

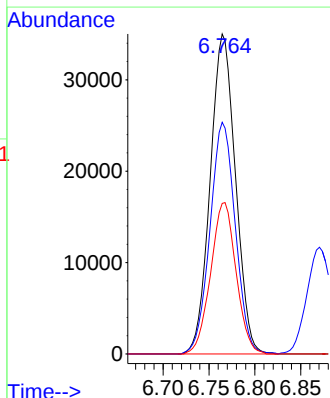
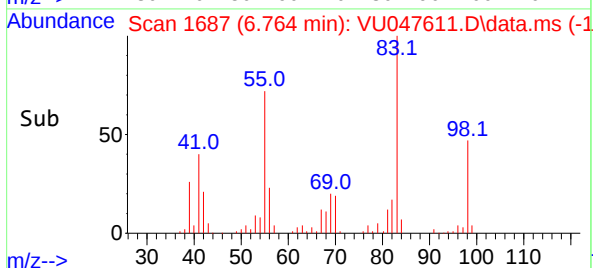
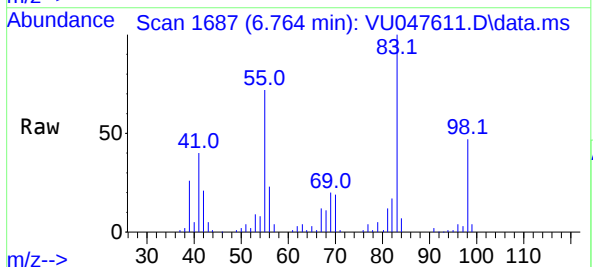
Manual Integrations
APPROVED

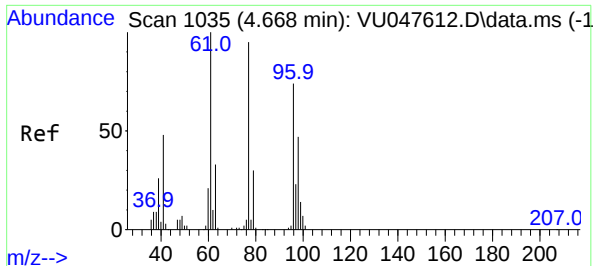
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#20
Methylcyclohexane
Concen: 4.623 ug/l
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Tgt Ion: 83 Resp: 67133
Ion Ratio Lower Upper
83 100
55 72.6 61.9 92.9
98 47.6 37.4 56.2





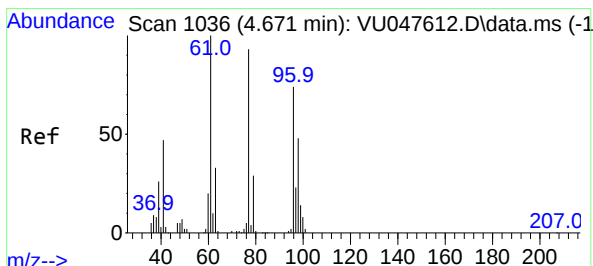
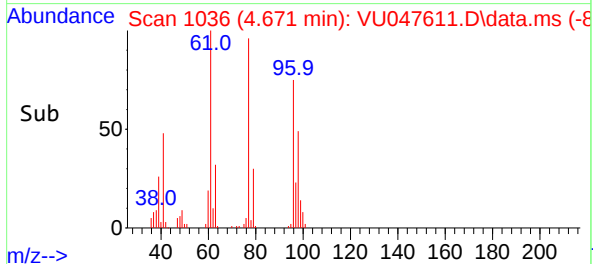
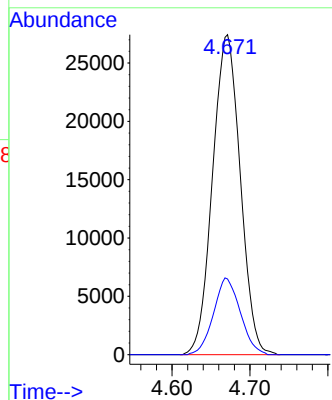
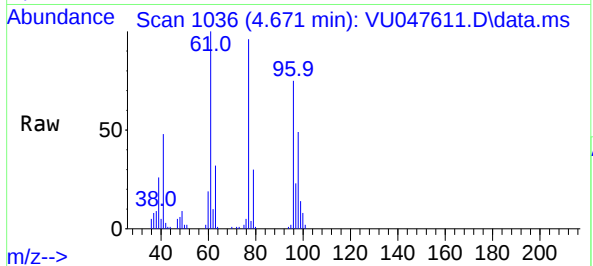
#21
2,2-Dichloropropane
Concen: 5.327 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 77 Resp: 6770
Ion Ratio Lower Upper
77 100
97 23.2 17.2 25.8

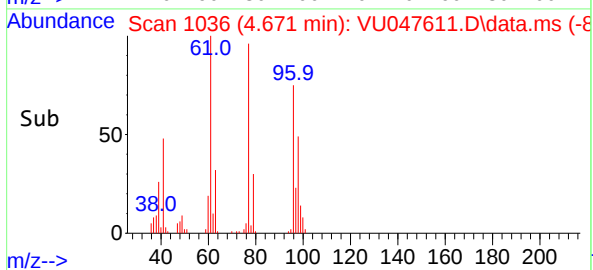
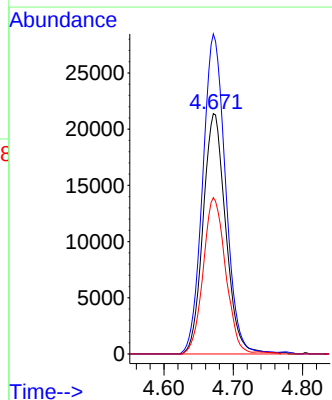
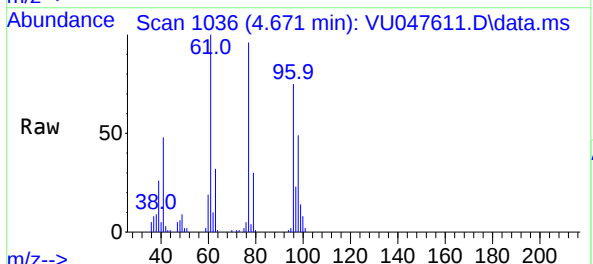
Manual Integrations
APPROVED

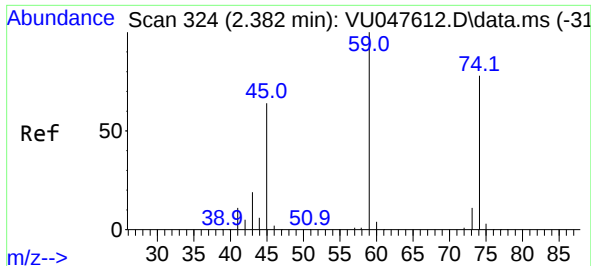
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#22
cis-1,2-Dichloroethene
Concen: 5.436 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Tgt Ion: 96 Resp: 48518
Ion Ratio Lower Upper
96 100
61 134.1 0.0 385.3
98 64.2 32.1 96.3





#23

Diethyl Ether

Concen: 5.264 ug/l

RT: 2.382 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047611.D

Acq: 18 Mar 2022 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 59 Resp: 3128

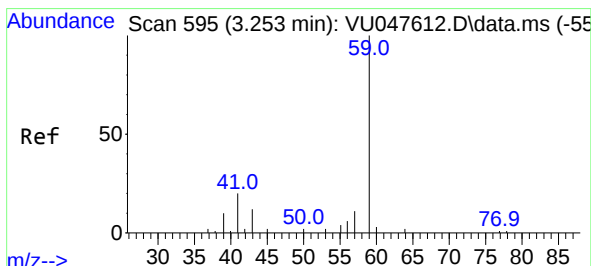
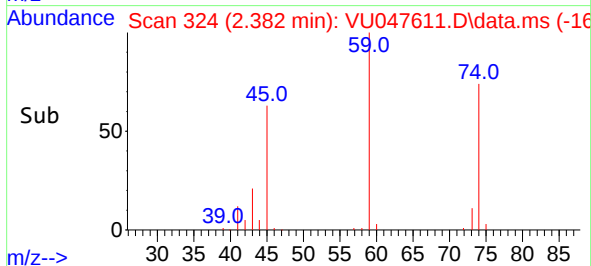
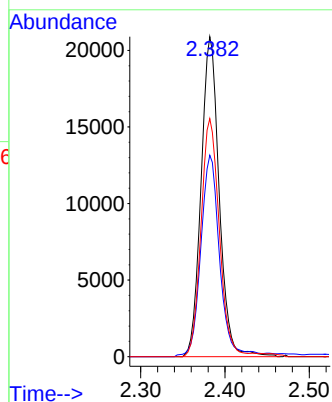
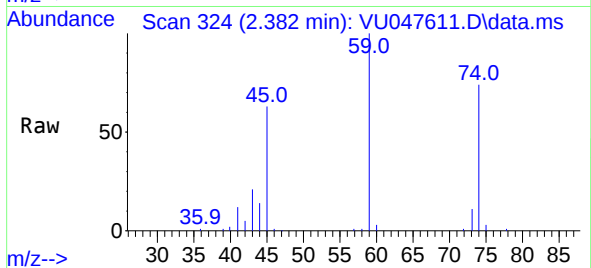
Ion	Ratio	Lower	Upper
59	100		
45	64.3	55.6	83.4
74	74.9	58.1	87.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#24

tert-Butyl Alcohol

Concen: 66.650 ug/l m

RT: 3.247 min Scan# 593

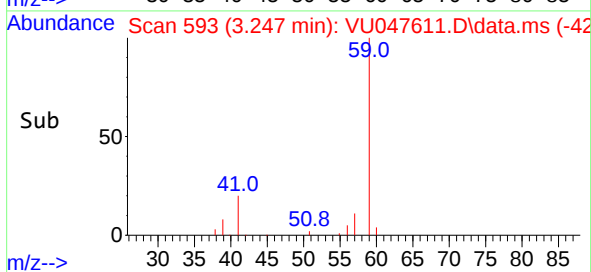
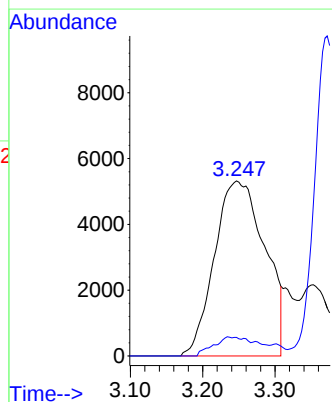
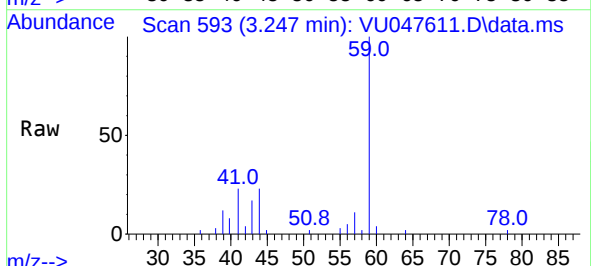
Delta R.T. 0.042 min

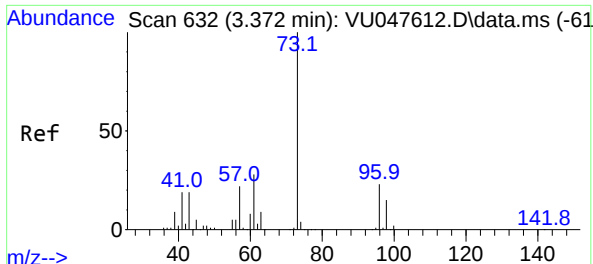
Lab File: VU047611.D

Acq: 18 Mar 2022 11:24

Tgt Ion: 59 Resp: 25762

Ion	Ratio	Lower	Upper
59	100		
57	5.7	6.5	9.7#





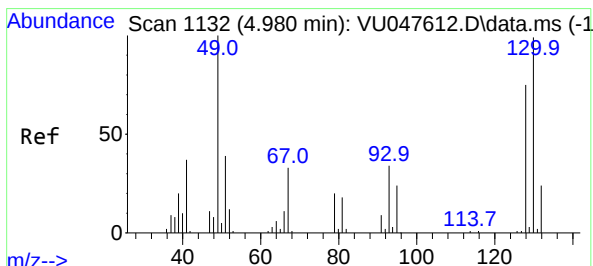
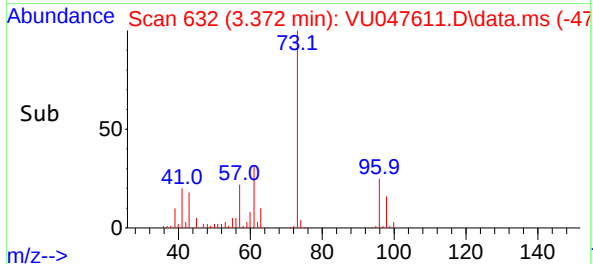
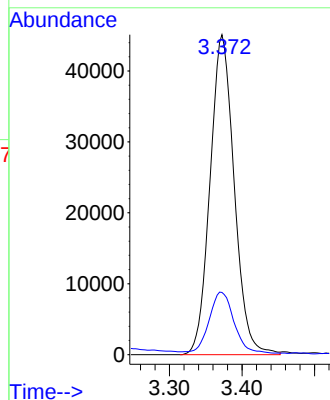
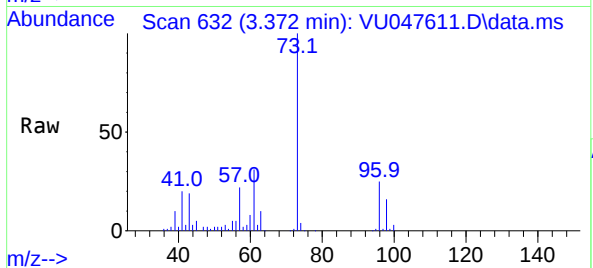
#25
Methyl tert-Butyl Ether
Concen: 5.066 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 104475
Ion Ratio Lower Upper
73 100
43 19.5 16.3 24.5

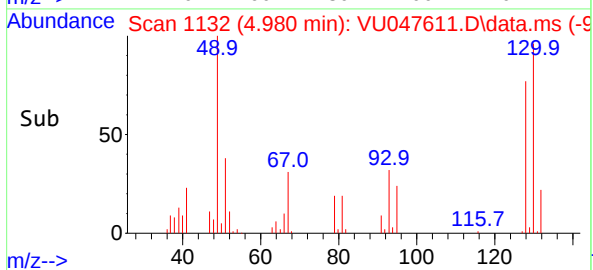
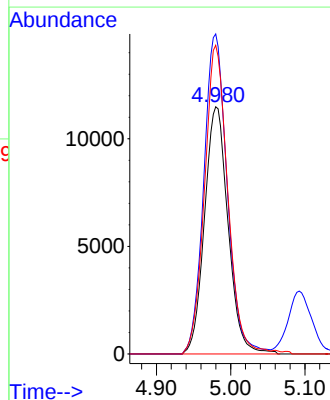
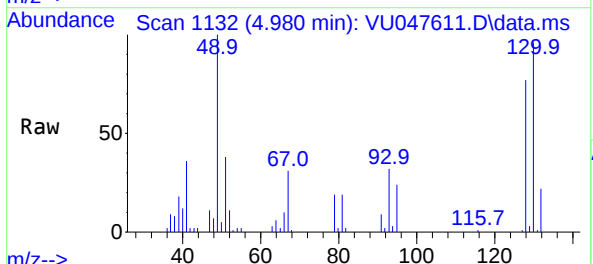
Manual Integrations
APPROVED

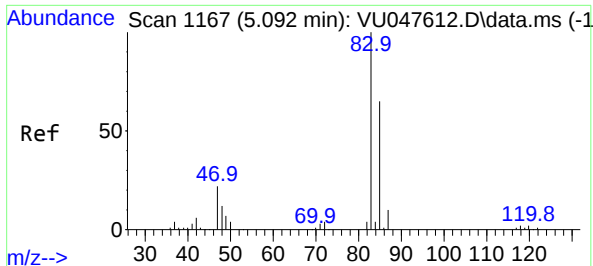
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#26
Bromochloromethane
Concen: 6.317 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Tgt Ion:128 Resp: 25356
Ion Ratio Lower Upper
128 100
49 128.5 0.0 347.4
130 122.9 101.5 152.3





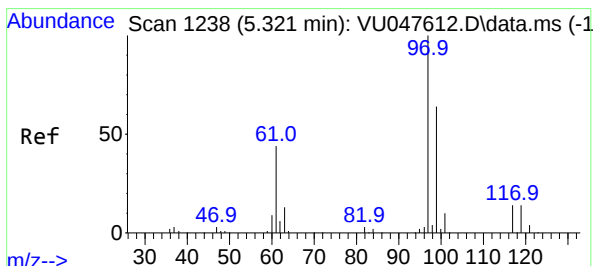
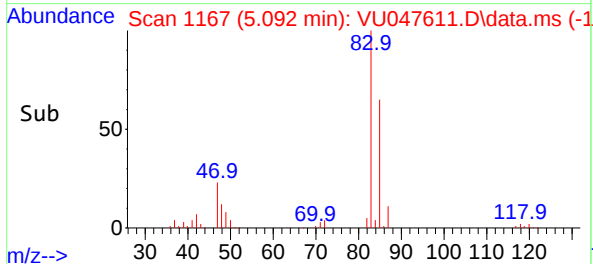
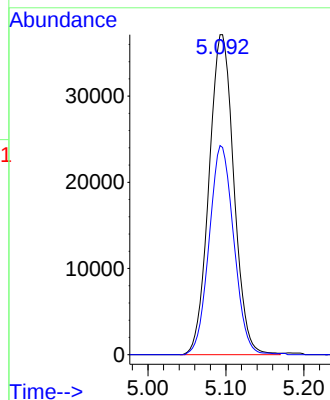
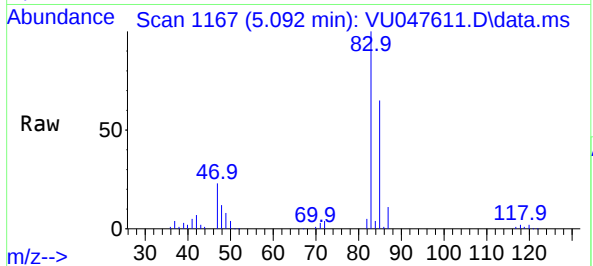
#27
Chloroform
Concen: 5.698 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 8221
Ion Ratio Lower Upper
83 100
85 65.3 0.0 129.2

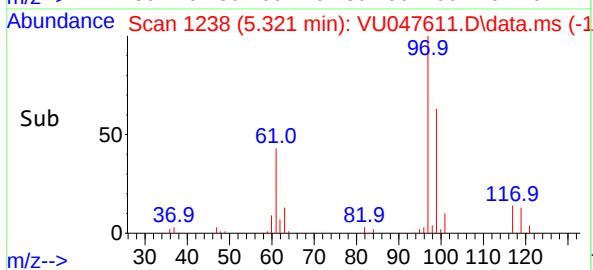
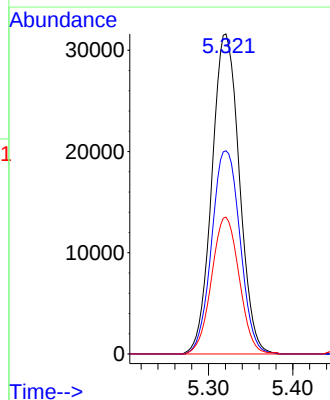
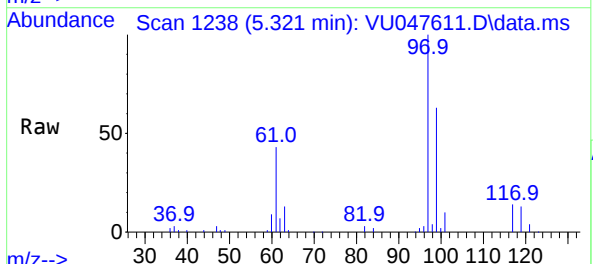
Manual Integrations
APPROVED

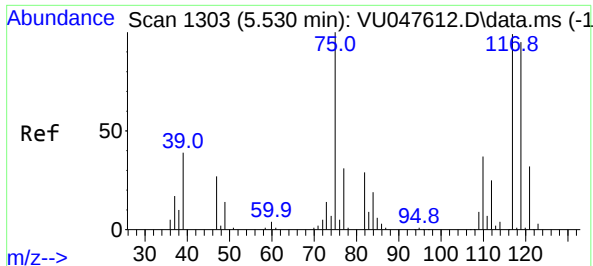
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#28
1,1,1-Trichloroethane
Concen: 5.731 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Tgt Ion: 97 Resp: 71588
Ion Ratio Lower Upper
97 100
99 65.7 32.2 96.6
61 43.1 24.5 73.5





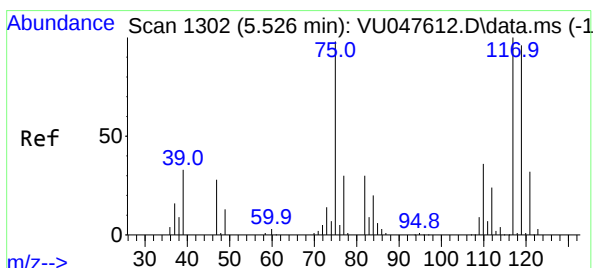
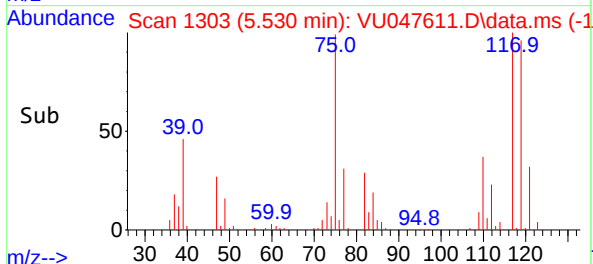
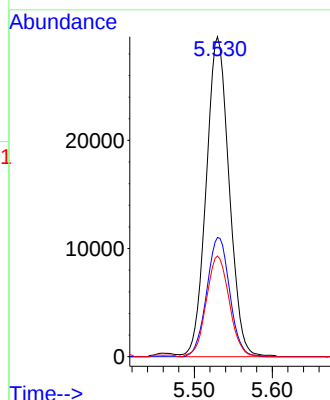
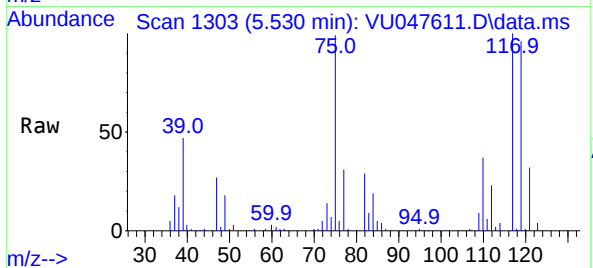
#29
1,1-Dichloropropene
Concen: 5.283 ug/l
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 6041
Ion Ratio Lower Upper
75 100
110 37.3 16.8 50.3
77 31.5 24.7 37.1

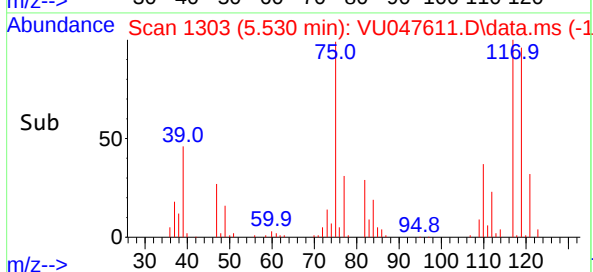
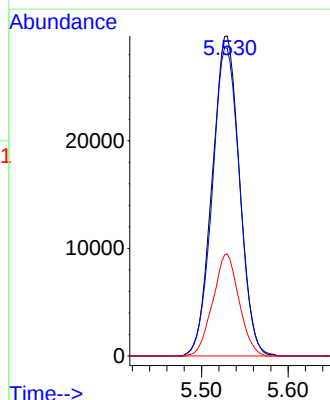
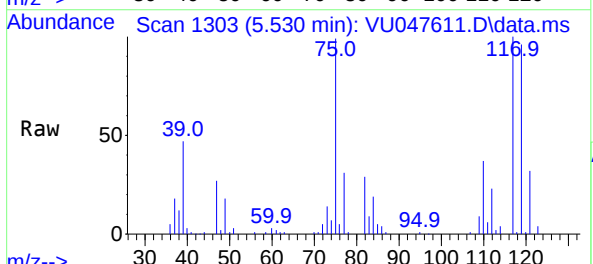
Manual Integrations
APPROVED

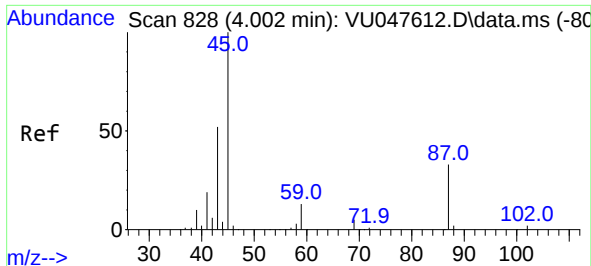
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#30
Carbon Tetrachloride
Concen: 5.929 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

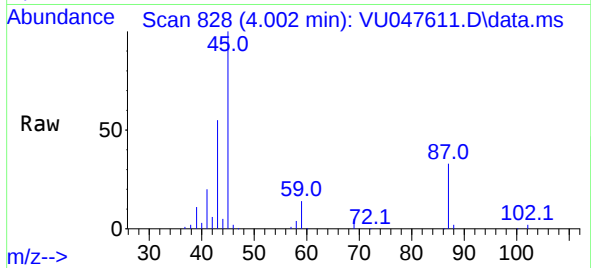
Tgt Ion:117 Resp: 65110
Ion Ratio Lower Upper
117 100
119 96.1 76.8 115.2
121 31.9 24.6 37.0





#31
Isopropyl Ether
Concen: 4.446 ug/l
RT: 4.002 min Scan# 811
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

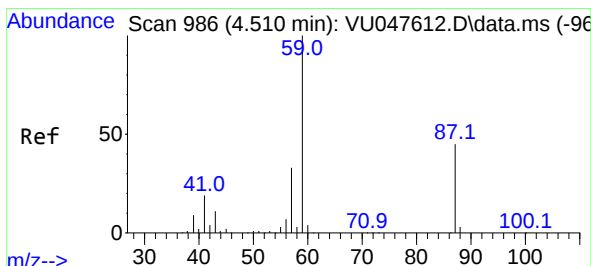
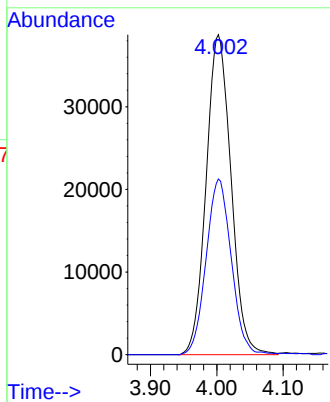
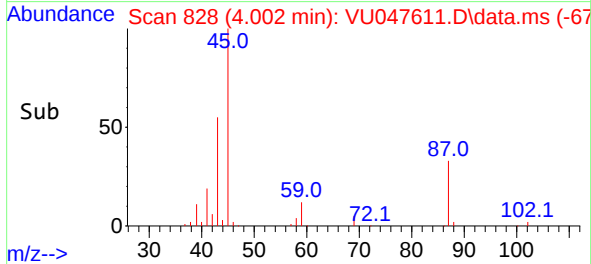
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



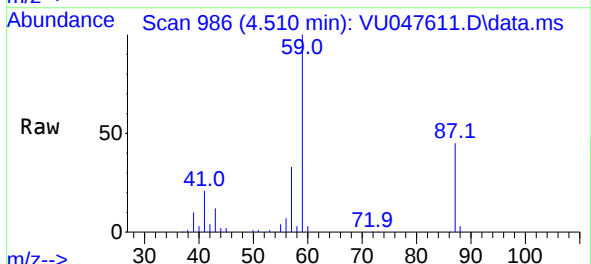
Tgt Ion: 45 Resp: 10112
Ion Ratio Lower Upper
45 100
43 55.4 25.3 75.8

Manual Integrations
APPROVED

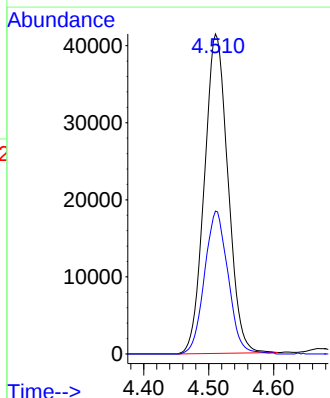
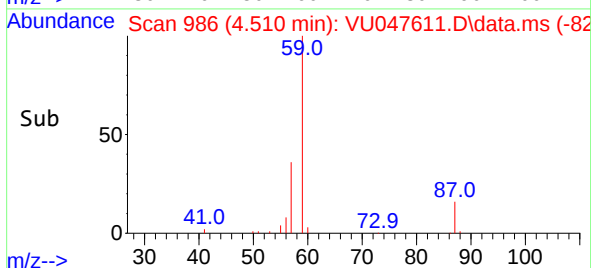
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

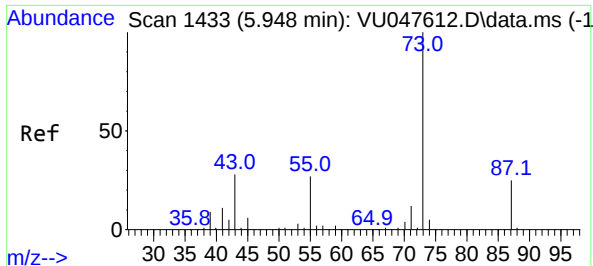


#32
Ethyl-t-butyl ether
Concen: 4.523 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24



Tgt Ion: 59 Resp: 104559
Ion Ratio Lower Upper
59 100
87 44.8 32.7 49.1





Tert-Amyl methyl ether
Concen: 4.576 ug/l
RT: 5.948 min Scan# 1433
Delta R.T. 0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :

MSVOA_U

ClientSampleId :

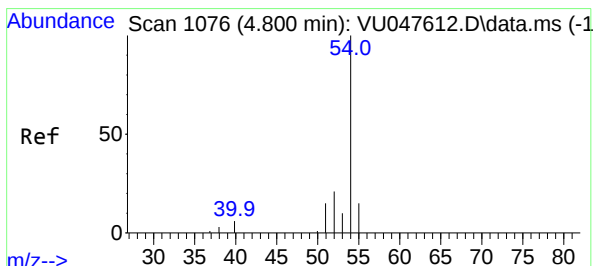
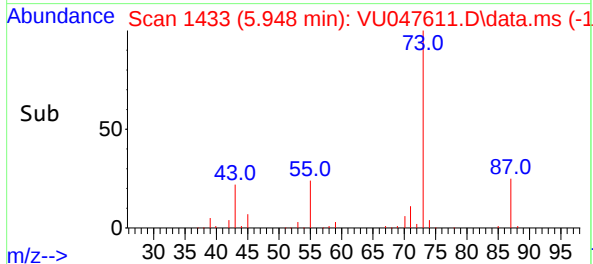
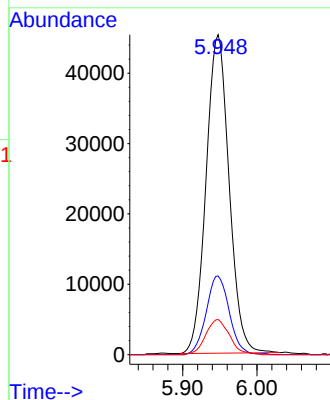
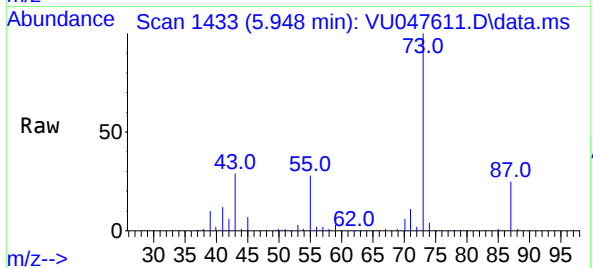
VSTDIC005

Tgt Ion: 73 Resp: 97432
Ion Ratio Lower Upper
73 100
87 24.4 18.6 28.0
71 11.4 9.0 13.6

Manual Integrations

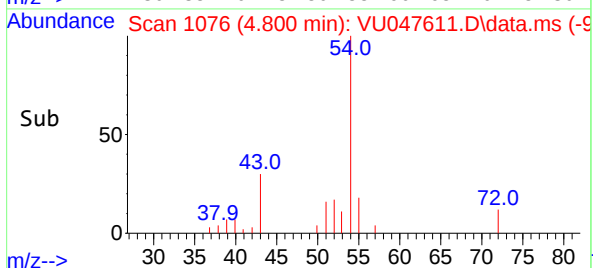
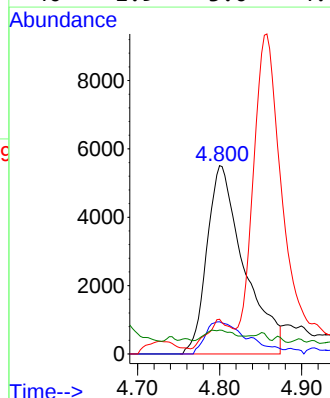
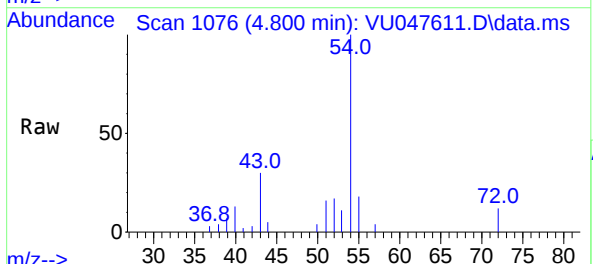
APPROVED

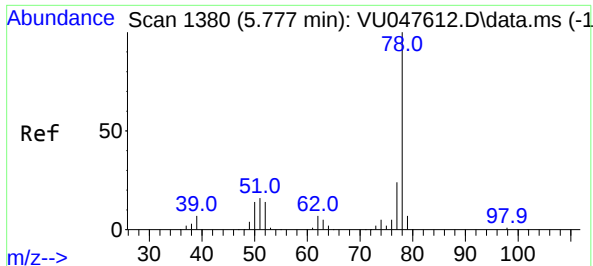
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



Propionitrile
Concen: 31.152 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.013 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Tgt Ion: 54 Resp: 17273
Ion Ratio Lower Upper
54 100
52 14.9 11.9 17.9
55 10.0 8.0 12.0
40 1.9 3.0 4.4





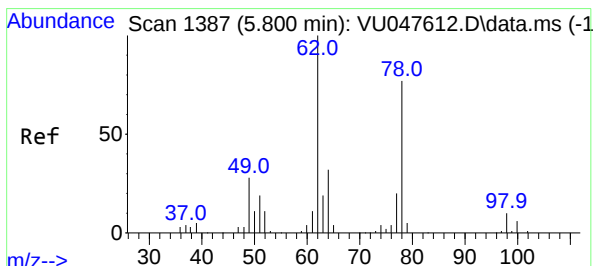
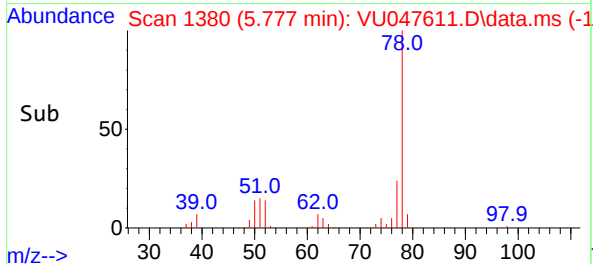
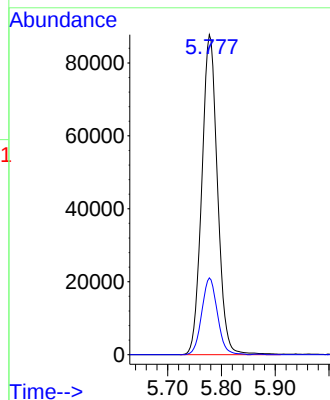
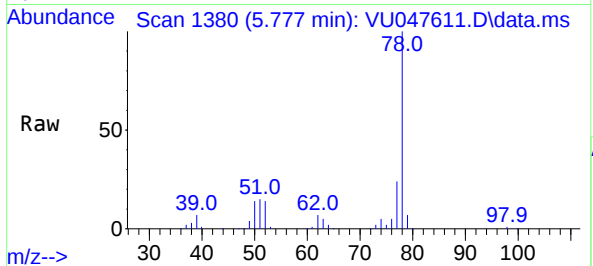
#35
Benzene
Concen: 5.553 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 78 Resp: 17792
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

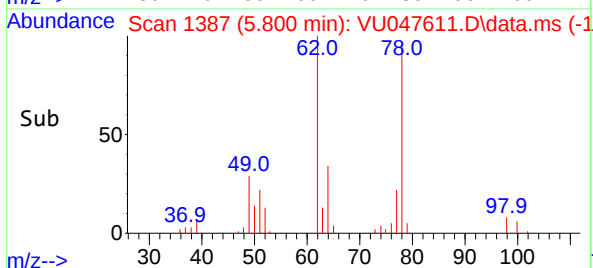
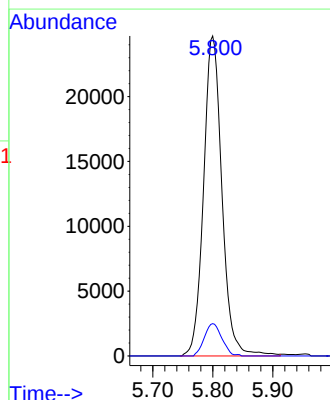
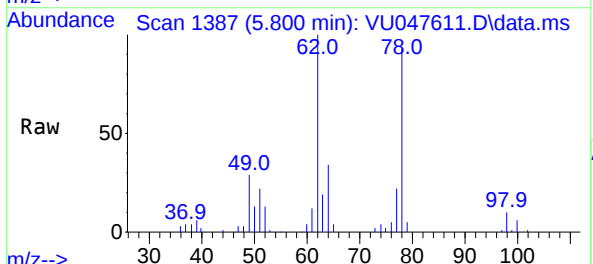
Manual Integrations
APPROVED

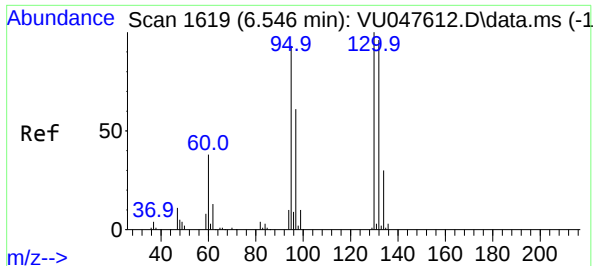
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#36
1,2-Dichloroethane
Concen: 5.439 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Tgt Ion: 62 Resp: 52773
Ion Ratio Lower Upper
62 100
98 9.7 7.3 10.9





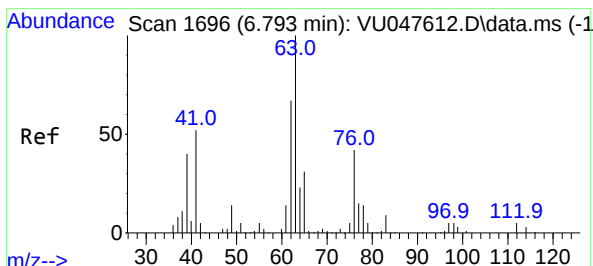
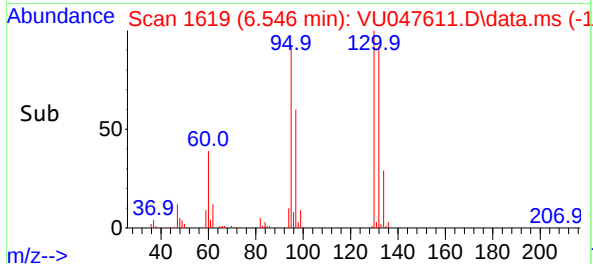
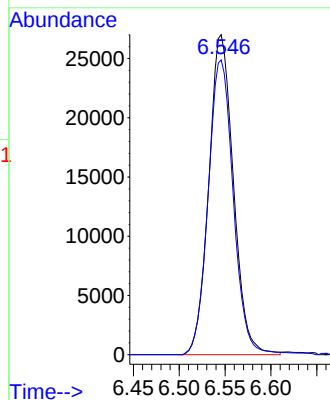
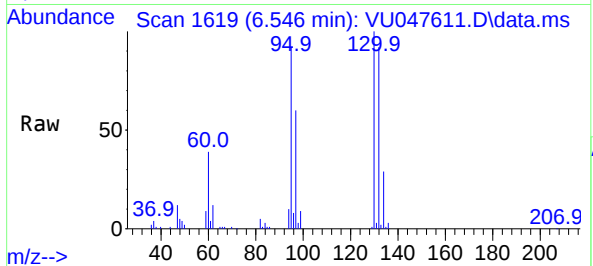
#37
Trichloroethene
Concen: 5.691 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:130 Resp: 50492
Ion Ratio Lower Upper
130 100
95 92.1 83.8 125.8

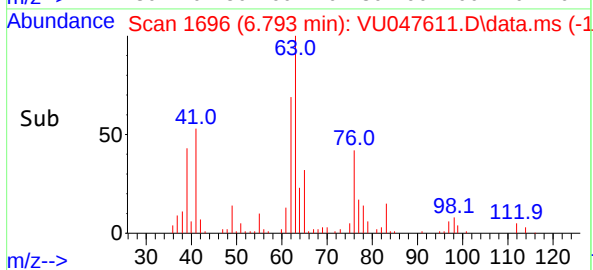
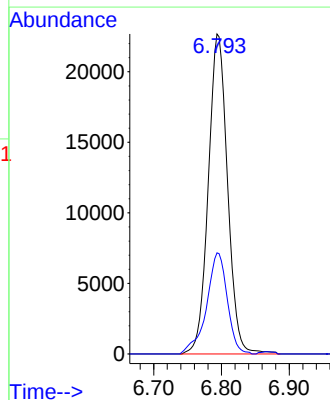
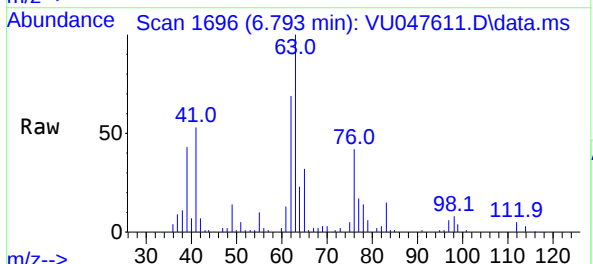
Manual Integrations
APPROVED

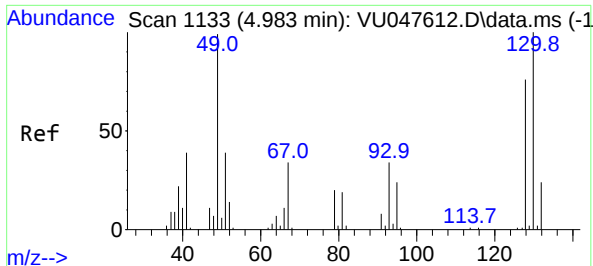
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#38
1,2-Dichloropropane
Concen: 5.275 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Tgt Ion: 63 Resp: 44729
Ion Ratio Lower Upper
63 100
65 31.6 24.7 37.1





#39

Methacrylonitrile

Concen: 4.504 ug/l

RT: 4.983 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VU047611.D

Acq: 18 Mar 2022 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 41 Resp: 1316

Ion Ratio Lower Upper

41 100

67 89.2 65.2 97.8

39 54.9 43.0 64.6

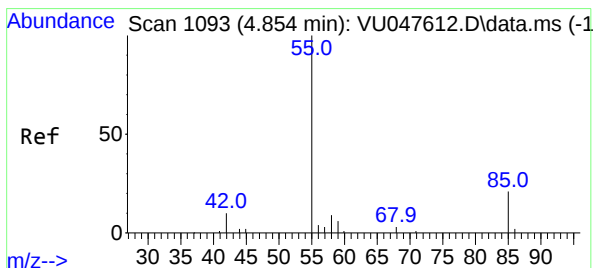
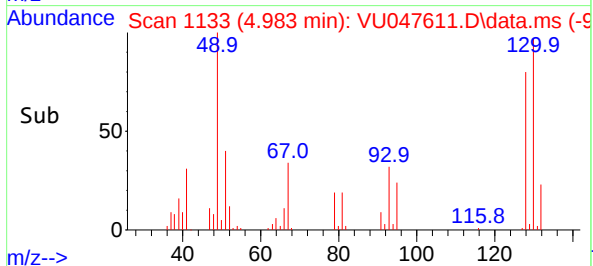
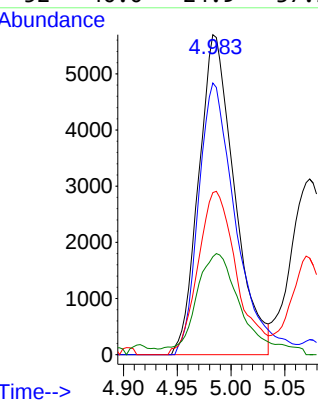
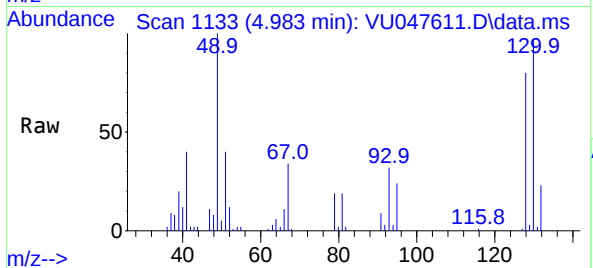
52 40.0 24.9 37.3#

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#40

Methyl acrylate

Concen: 4.363 ug/l

RT: 4.858 min Scan# 1094

Delta R.T. 0.006 min

Lab File: VU047611.D

Acq: 18 Mar 2022 11:24

Tgt Ion: 55 Resp: 21555

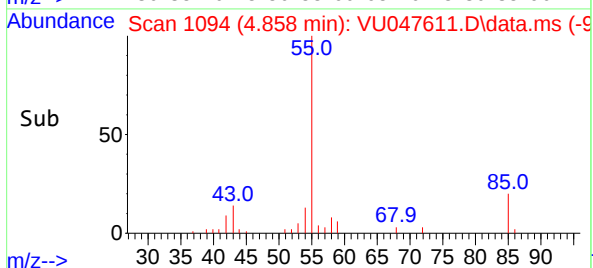
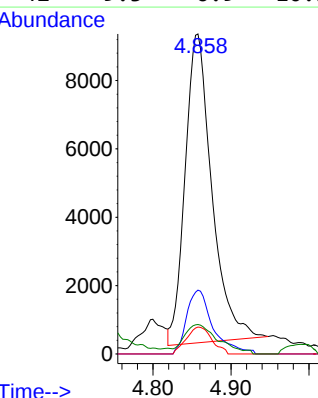
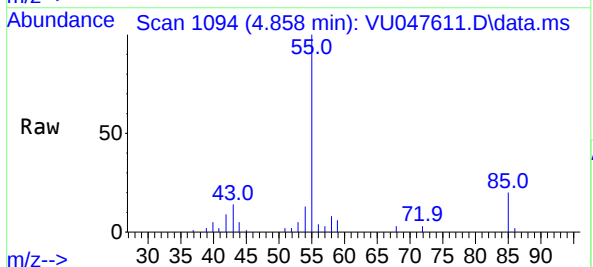
Ion Ratio Lower Upper

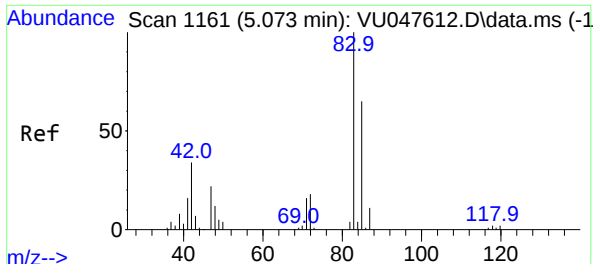
55 100

85 20.2 12.2 18.2#

58 8.3 6.7 10.1

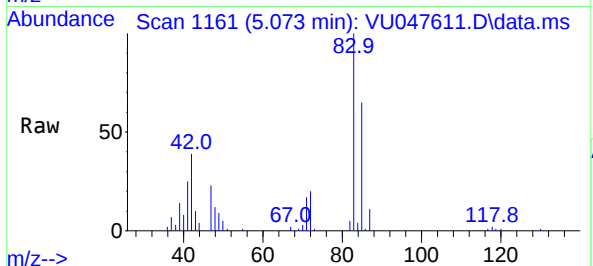
42 9.3 6.9 10.3





#41
Tetrahydrofuran
Concen: 8.691 ug/l
RT: 5.073 min Scan# 1161
Delta R.T. 0.010 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

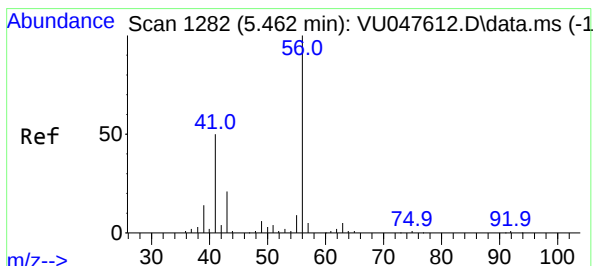
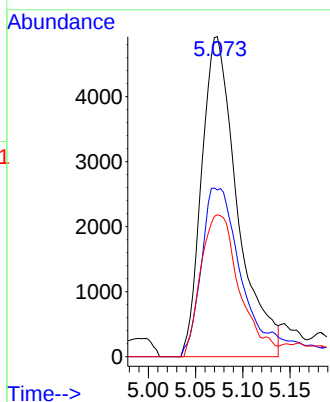
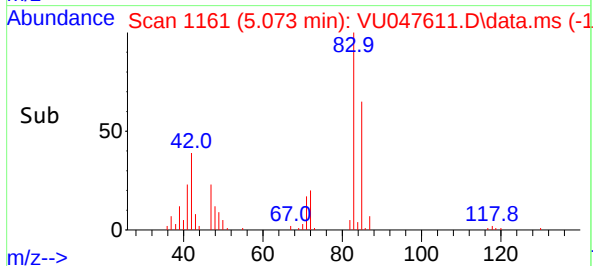
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



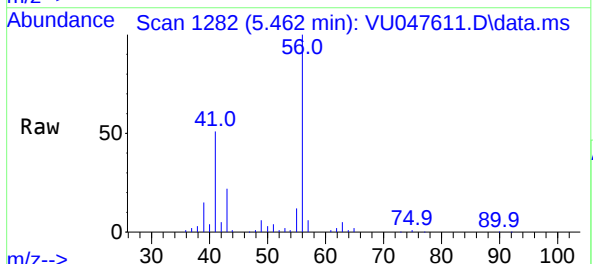
Tgt Ion: 42 Resp: 12940
Ion Ratio Lower Upper
42 100
72 62.0 42.4 63.6
71 48.1 36.4 54.6

Manual Integrations
APPROVED

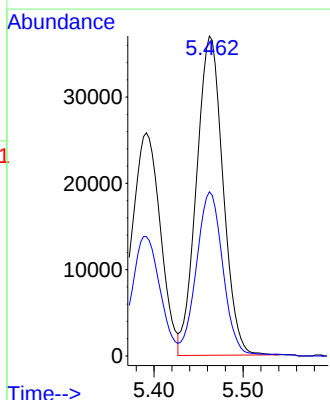
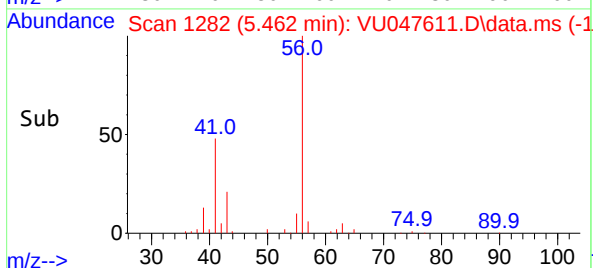
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

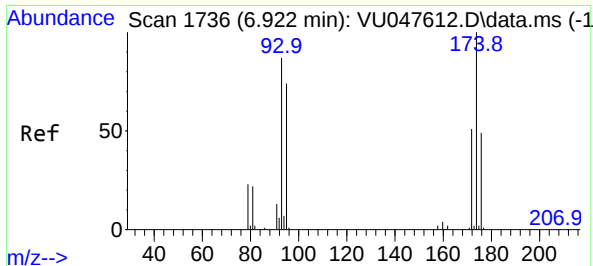


#42
1-Chlorobutane
Concen: 4.973 ug/l
RT: 5.462 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24



Tgt Ion: 56 Resp: 76346
Ion Ratio Lower Upper
56 100
41 50.6 26.0 78.0





#43

Dibromomethane

Concen: 5.919 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VU047611.D

Acq: 18 Mar 2022 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 93 Resp: 2706

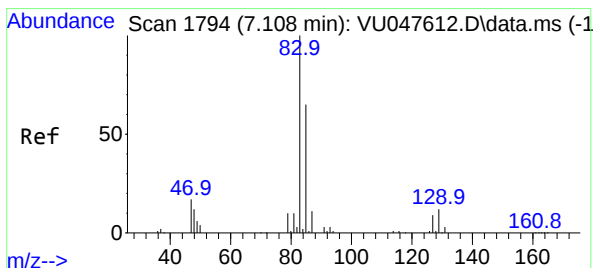
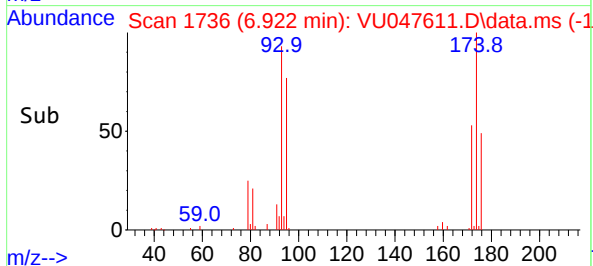
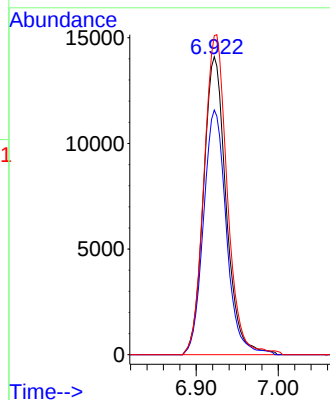
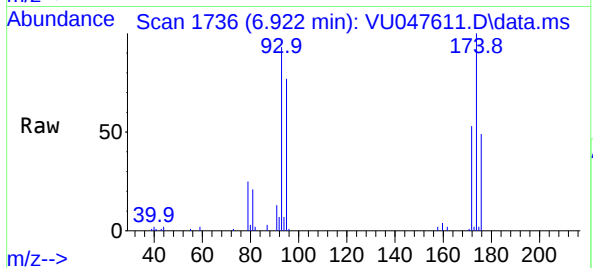
Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.2	99.2
174	110.4	70.7	106.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#44

Bromodichloromethane

Concen: 5.744 ug/l

RT: 7.108 min Scan# 1794

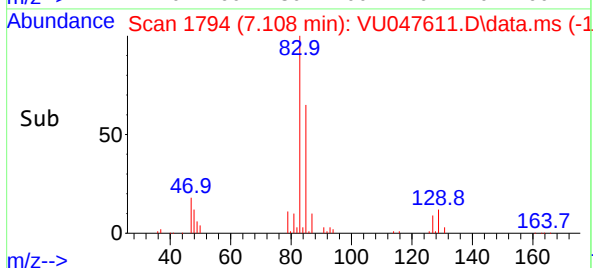
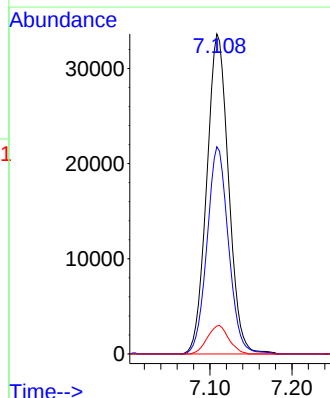
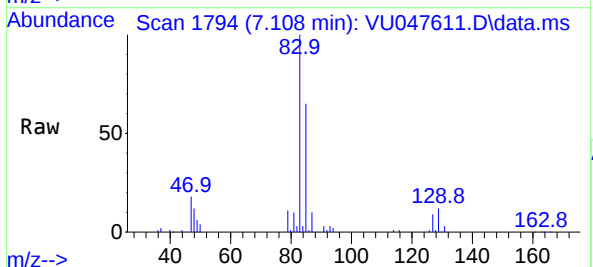
Delta R.T. 0.000 min

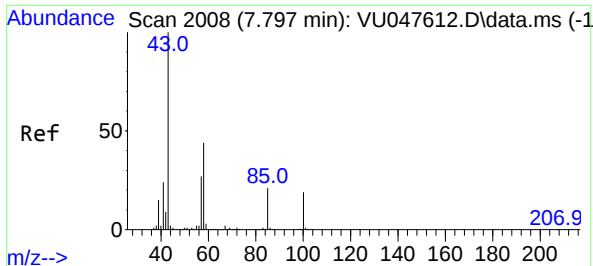
Lab File: VU047611.D

Acq: 18 Mar 2022 11:24

Tgt Ion: 83 Resp: 62125

Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.9	76.3
127	8.8	6.0	9.0





#45

4-Methyl-2-Pentanone

Concen: 22.103 ug/l

RT: 7.800 min Scan# 2008

Delta R.T. 0.006 min

Lab File: VU047611.D

Acq: 18 Mar 2022 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 136709

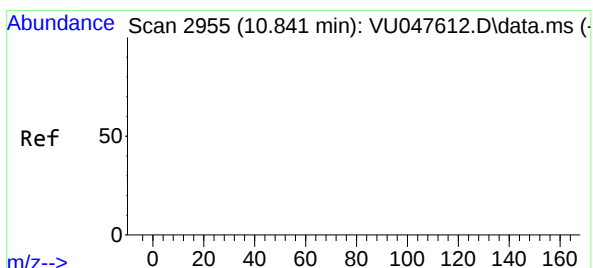
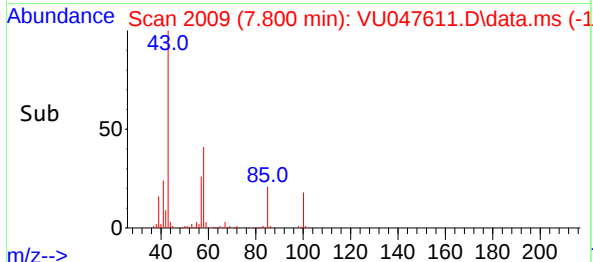
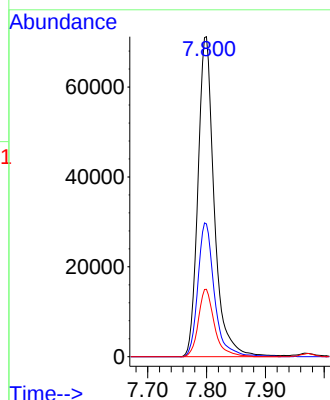
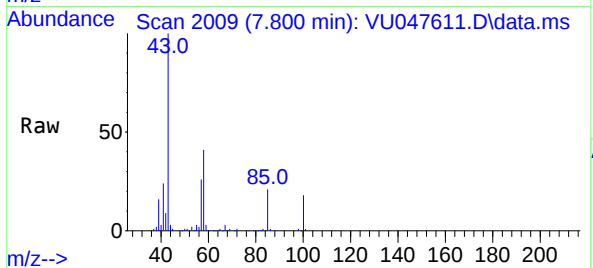
Ion	Ratio	Lower	Upper
43	100		
58	42.4	21.0	63.0
85	20.8	14.8	22.2

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: 8.182 ug/l m

RT: 10.838 min Scan# 2954

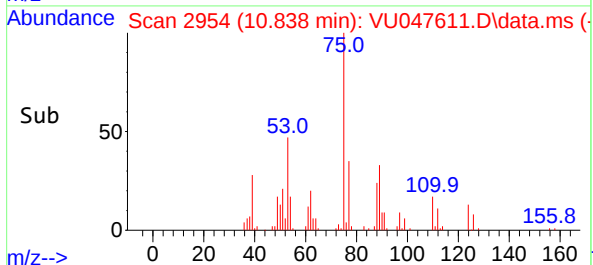
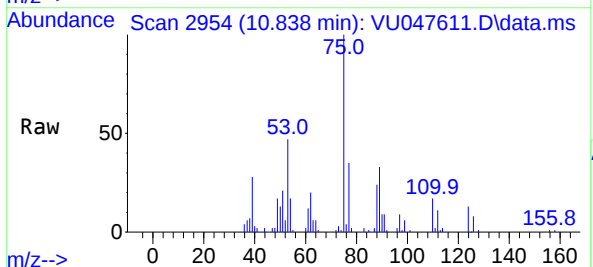
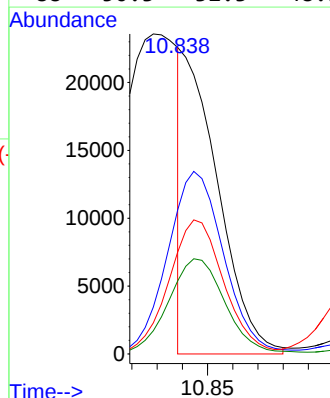
Delta R.T. -0.003 min

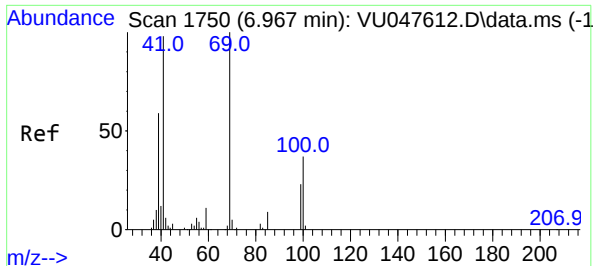
Lab File: VU047611.D

Acq: 18 Mar 2022 11:24

Tgt Ion: 75 Resp: 22030

Ion	Ratio	Lower	Upper
75	100		
53	95.2	66.8	100.2
89	68.3	41.7	62.5#
88	50.3	32.3	48.5#





#47

Methyl methacrylate

Concen: 9.450 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU047611.D

Acq: 18 Mar 2022 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 69 Resp: 45324

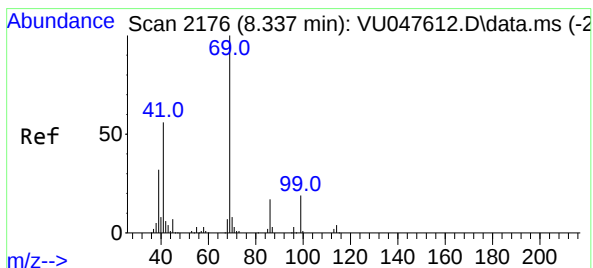
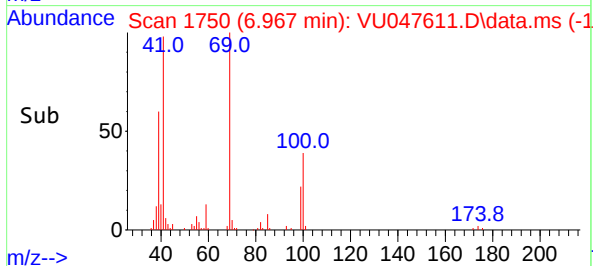
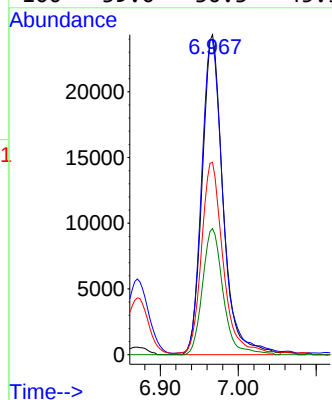
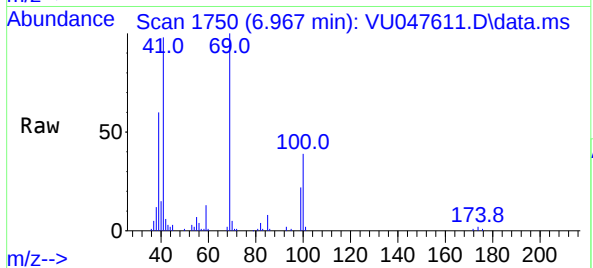
Ion	Ratio	Lower	Upper
69	100		
41	99.9	0.0	230.0
39	61.0	55.1	82.7
100	39.0	30.3	45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#48

Ethyl methacrylate

Concen: 4.271 ug/l

RT: 8.337 min Scan# 2176

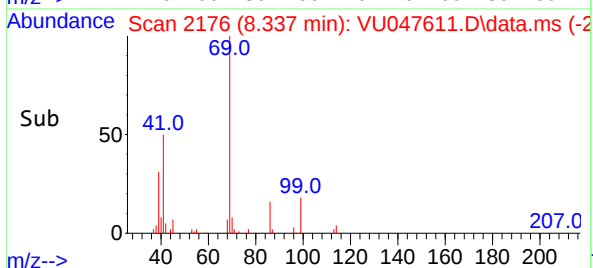
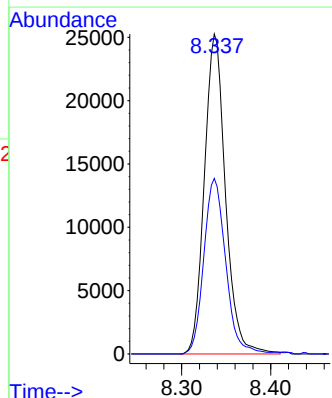
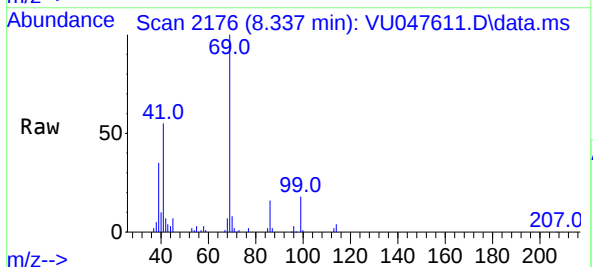
Delta R.T. 0.000 min

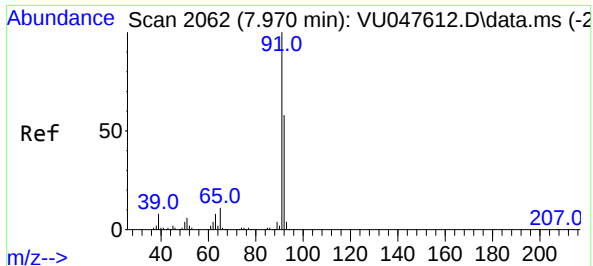
Lab File: VU047611.D

Acq: 18 Mar 2022 11:24

Tgt Ion: 69 Resp: 41523

Ion	Ratio	Lower	Upper
69	100		
41	56.7	32.6	98.0





#49

Toluene

Concen: 5.430 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU047611.D

Acq: 18 Mar 2022 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 92 Resp: 11223

Ion Ratio Lower Upper

92 100

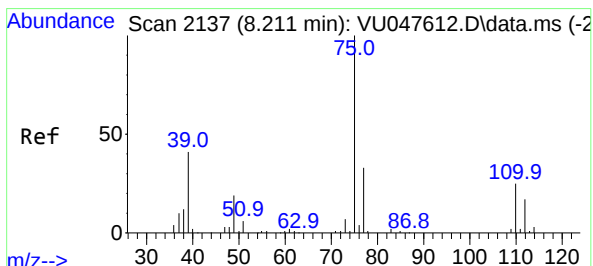
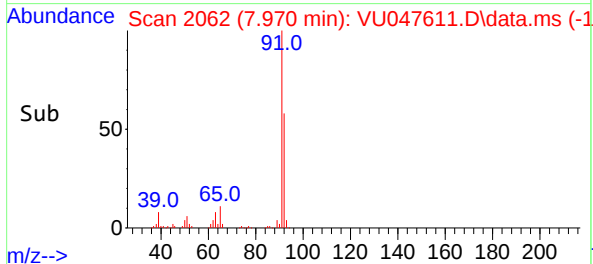
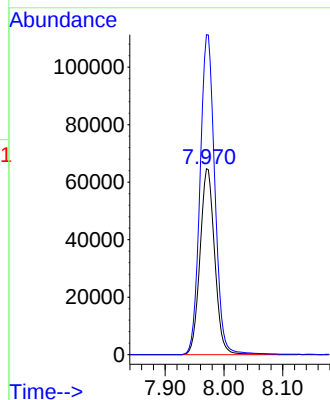
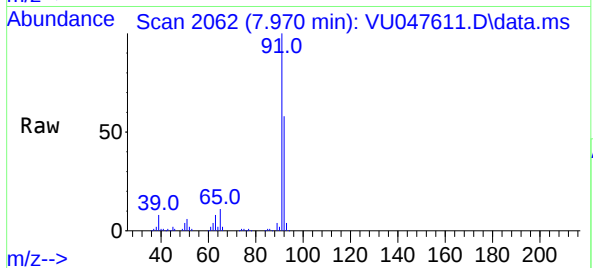
91 173.8 136.8 205.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#50

t-1,3-Dichloropropene

Concen: 4.965 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU047611.D

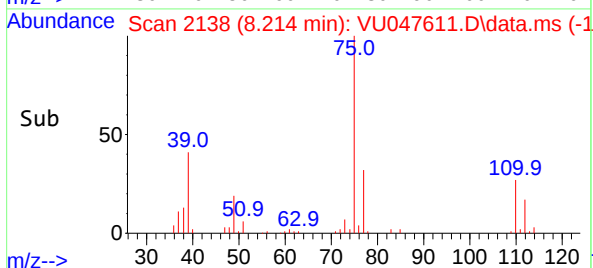
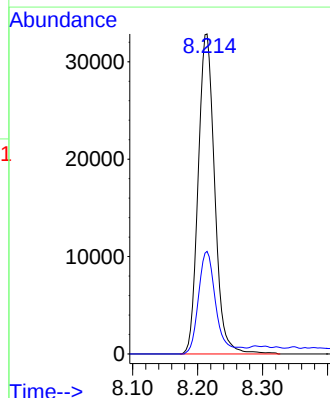
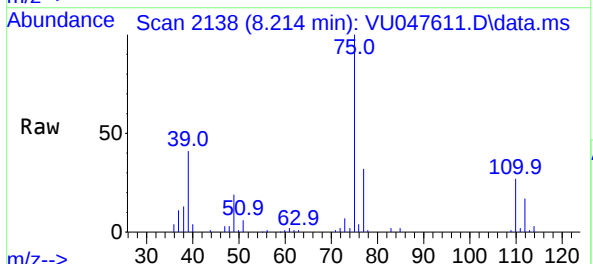
Acq: 18 Mar 2022 11:24

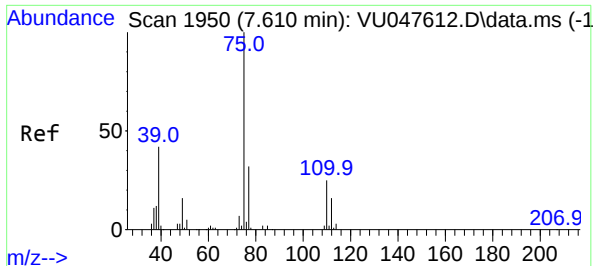
Tgt Ion: 75 Resp: 58127

Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4





#51
cis-1,3-Dichloropropene
Concen: 4.829 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :

MSVOA_U

ClientSampleId :

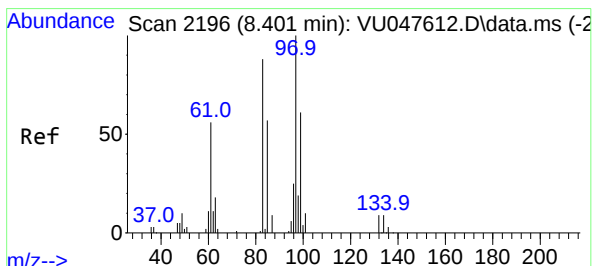
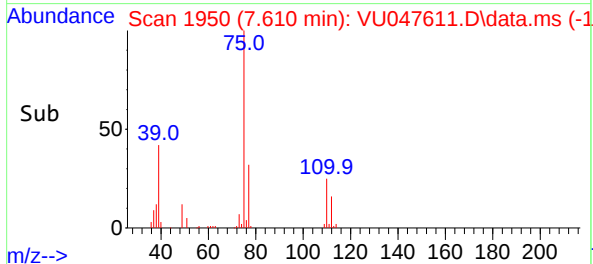
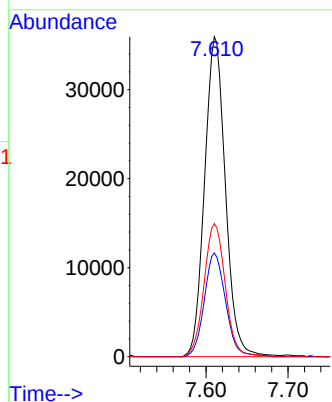
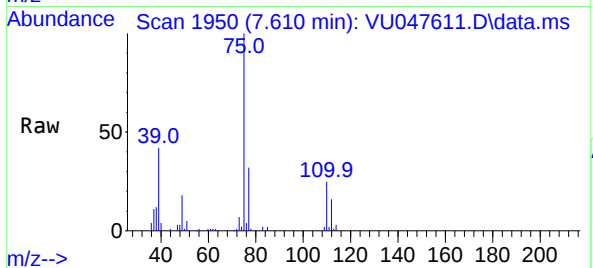
VSTDIC005

Tgt Ion: 75 Resp: 6338
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8
39 41.6 38.6 57.8

Manual Integrations

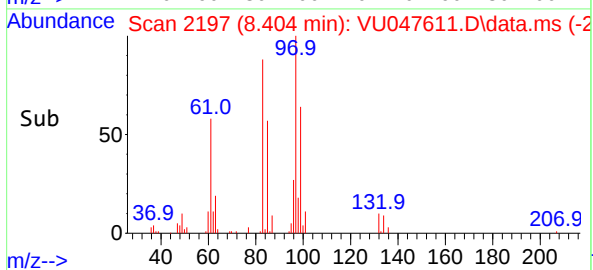
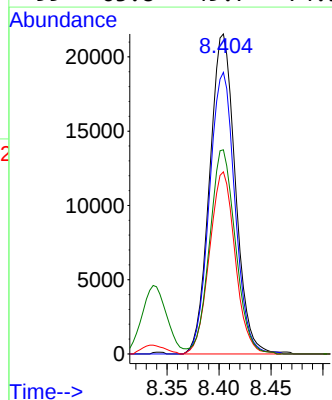
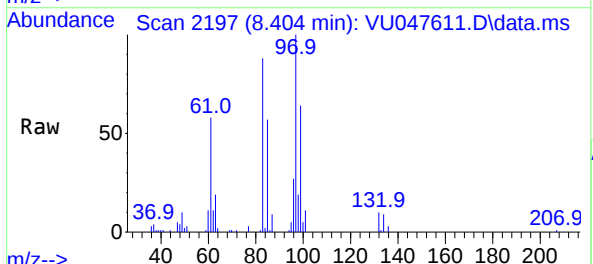
APPROVED

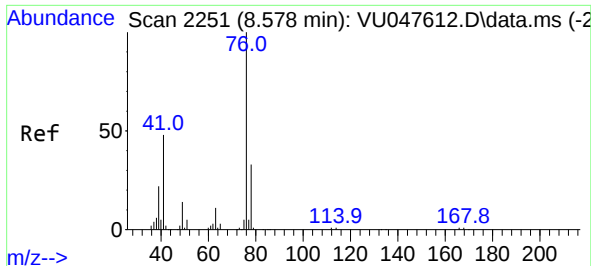
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#52
1,1,2-Trichloroethane
Concen: 5.696 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Tgt Ion: 97 Resp: 37168
Ion Ratio Lower Upper
97 100
83 88.0 69.8 104.8
85 56.9 44.2 66.4
99 63.8 49.7 74.5





#53

1,3-Dichloropropane

Concen: 5.219 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047611.D

Acq: 18 Mar 2022 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 6084

Ion Ratio Lower Upper

76 100

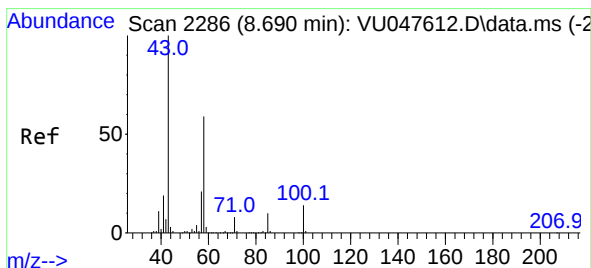
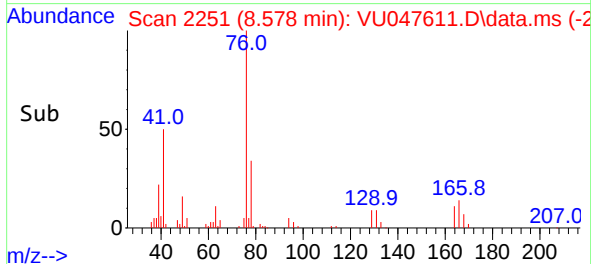
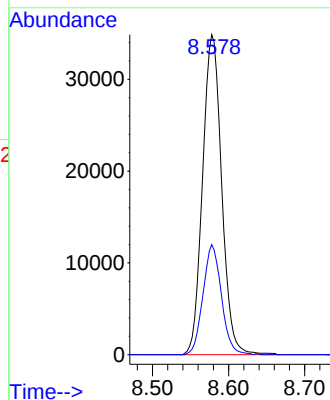
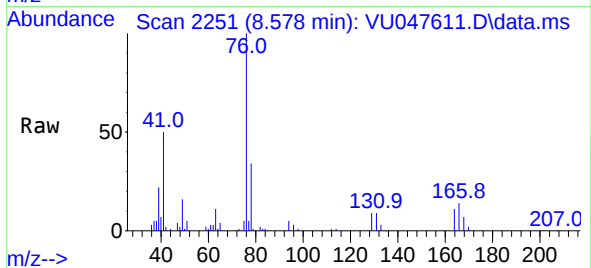
78 33.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#54

2-Hexanone

Concen: 21.267 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU047611.D

Acq: 18 Mar 2022 11:24

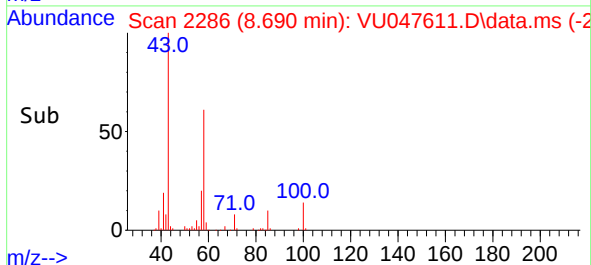
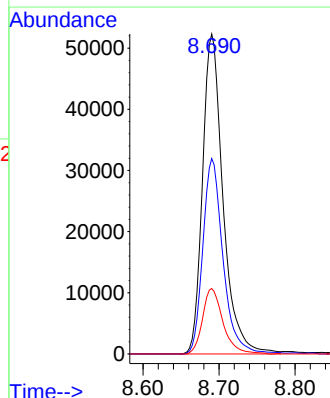
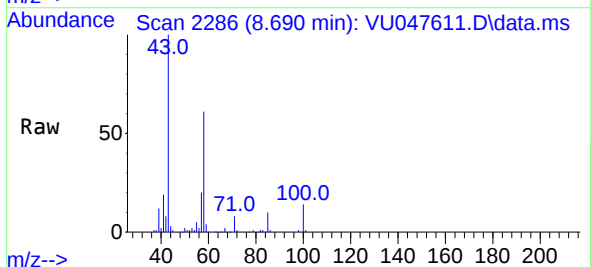
Tgt Ion: 43 Resp: 97999

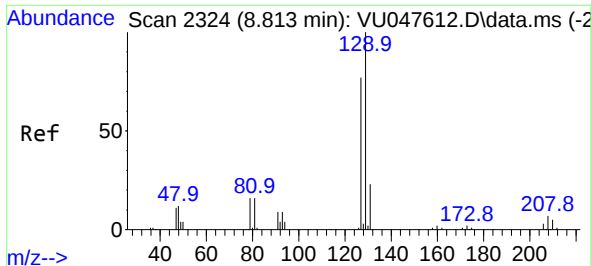
Ion Ratio Lower Upper

43 100

58 60.1 37.7 77.7

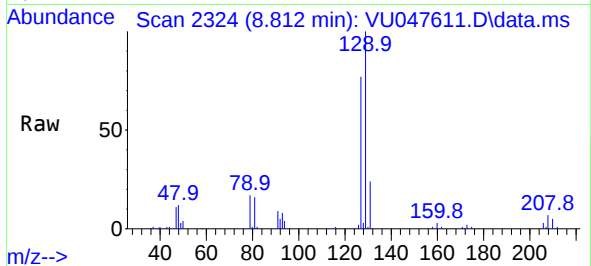
57 20.4 0.5 40.5





#55
Dibromochloromethane
Concen: 5.907 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

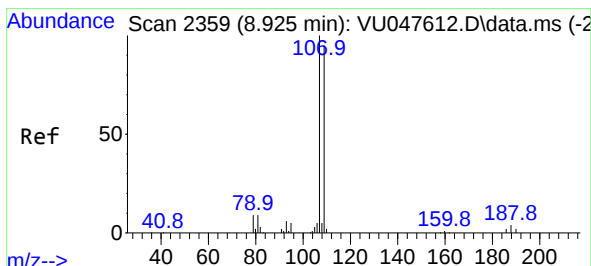
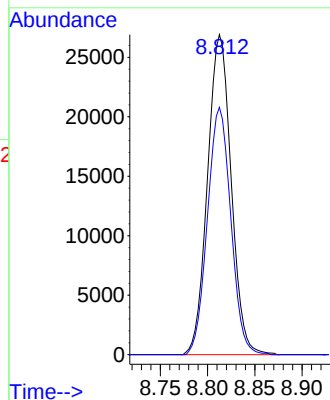
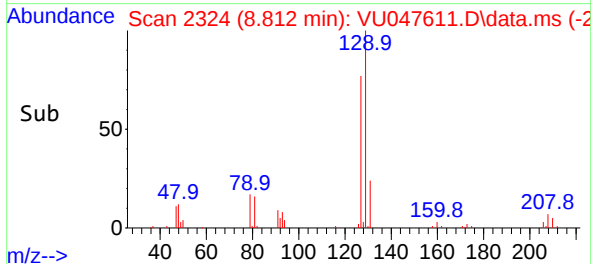
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



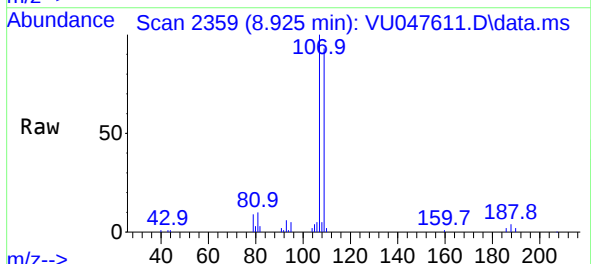
Tgt Ion:129 Resp: 46850
Ion Ratio Lower Upper
129 100
127 76.3 62.2 93.4

Manual Integrations
APPROVED

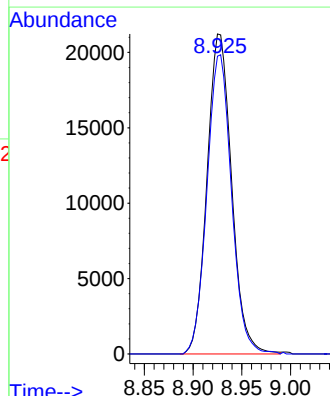
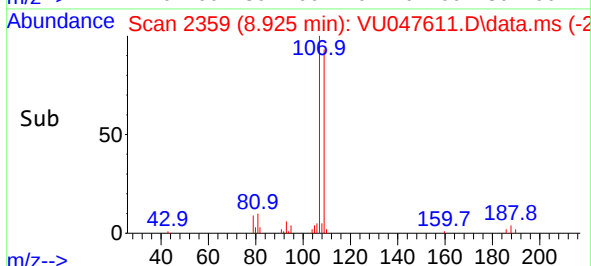
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

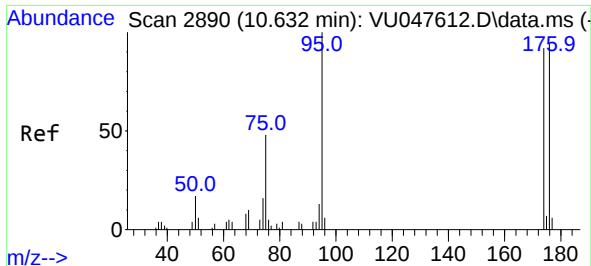


#56
1,2-Dibromoethane
Concen: 5.648 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24



Tgt Ion:107 Resp: 37246
Ion Ratio Lower Upper
107 100
109 93.4 0.0 185.0





#57

4-Bromofluorobenzene

Concen: 0.985 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.003 min

Lab File: VU047611.D

Acq: 18 Mar 2022 11:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 95 Resp: 1186

Ion Ratio Lower Upper

95 100

174 92.5 56.6 84.8

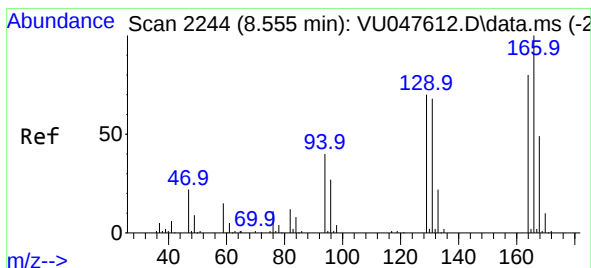
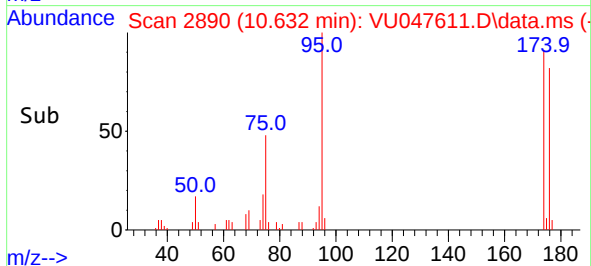
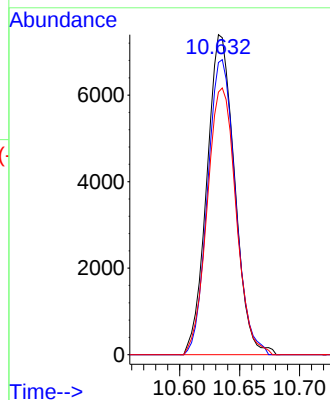
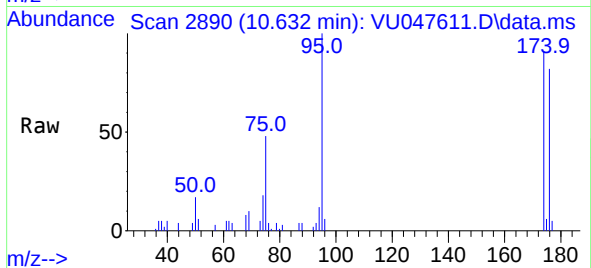
176 86.7 54.3 81.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#58

Tetrachloroethene

Concen: 5.652 ug/l

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU047611.D

Acq: 18 Mar 2022 11:24

Tgt Ion:164 Resp: 46269

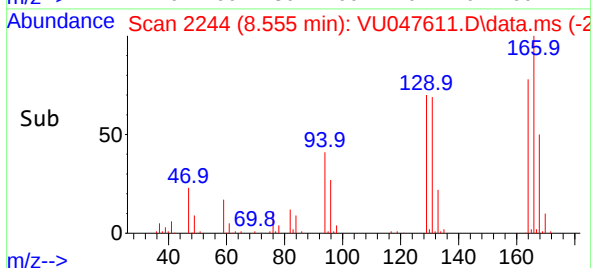
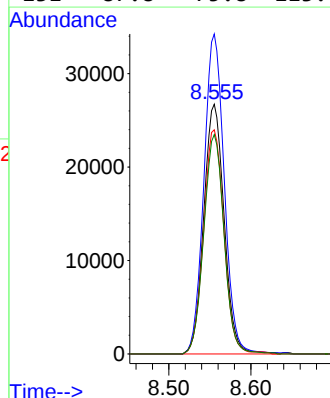
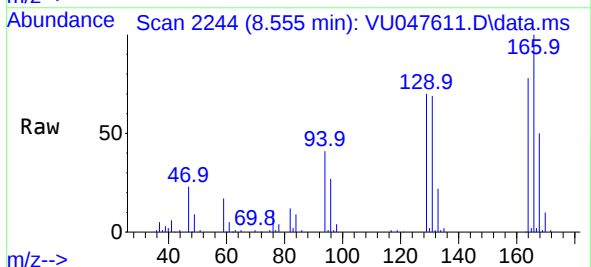
Ion Ratio Lower Upper

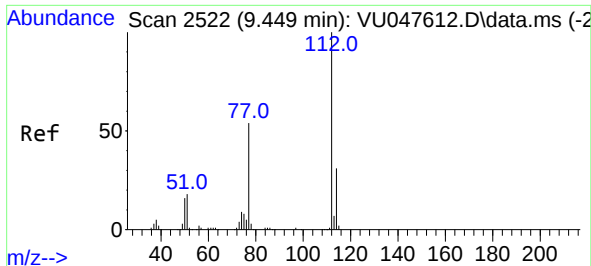
164 100

166 128.1 102.0 153.0

129 89.8 77.1 115.7

131 87.8 75.8 113.6





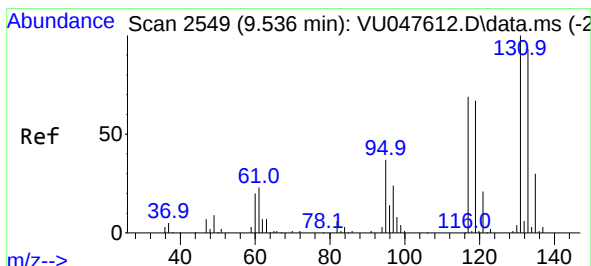
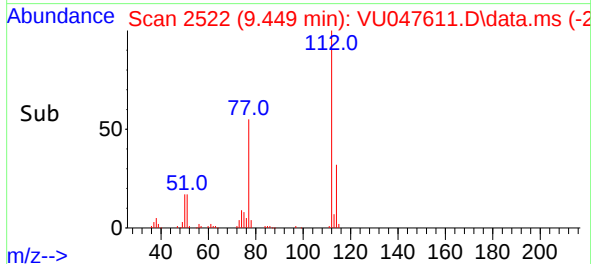
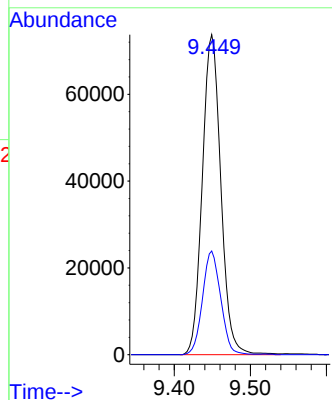
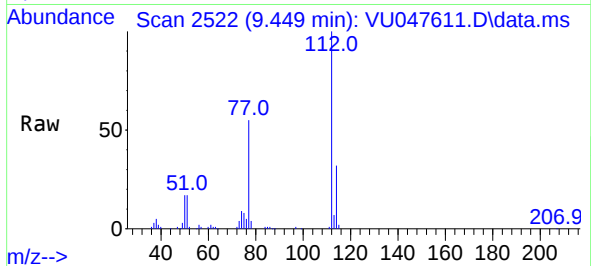
#59
Chlorobenzene
Concen: 5.418 ug/l
RT: 9.449 min Scan# 2148
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 124862
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0

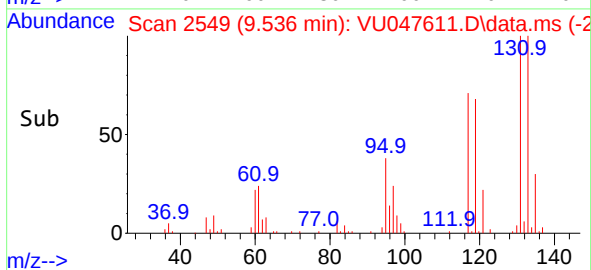
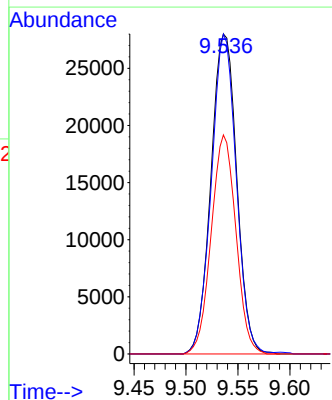
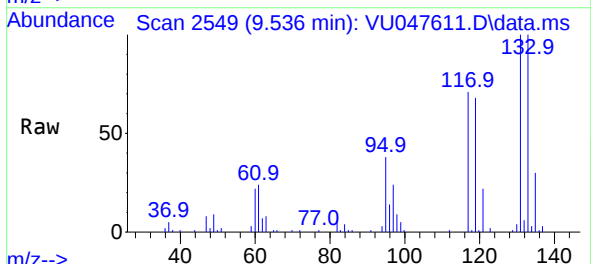
Manual Integrations
APPROVED

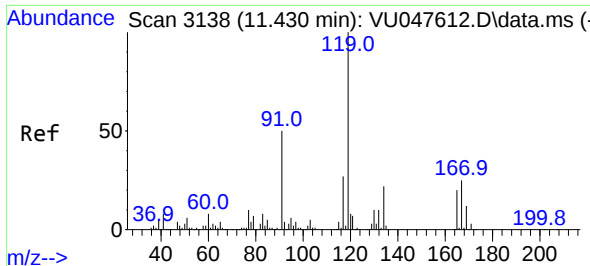
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#60
1,1,1,2-Tetrachloroethane
Concen: 6.085 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Tgt Ion:131 Resp: 48202
Ion Ratio Lower Upper
131 100
133 96.8 76.0 114.0
119 65.7 54.9 82.3





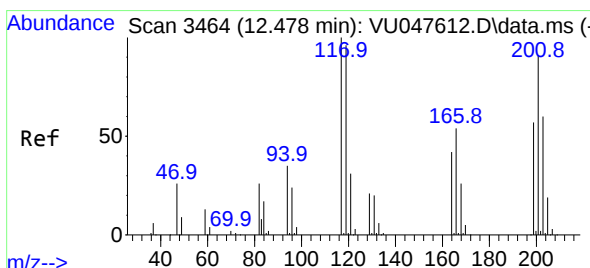
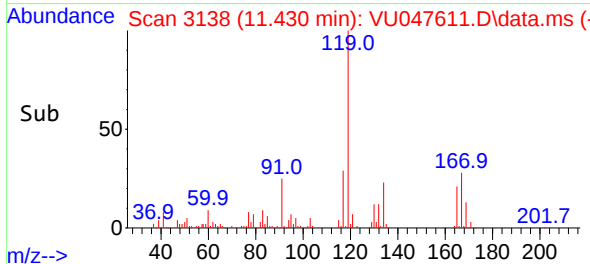
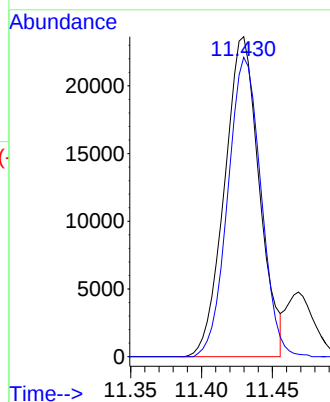
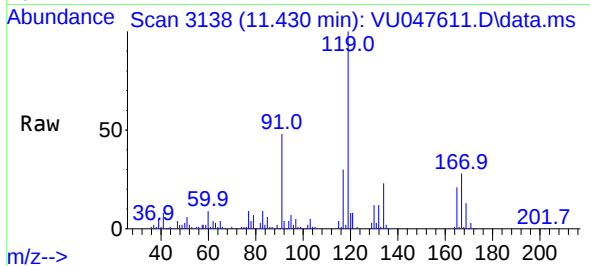
#61
Pentachloroethane
Concen: 6.705 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 40319
Ion Ratio Lower Upper
117 100
167 89.1 59.7 89.5

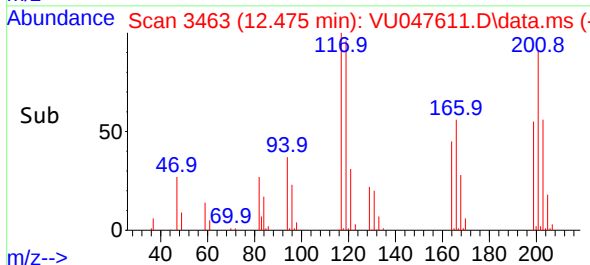
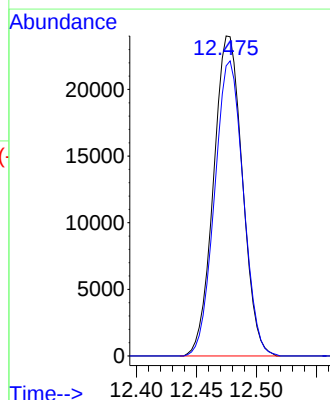
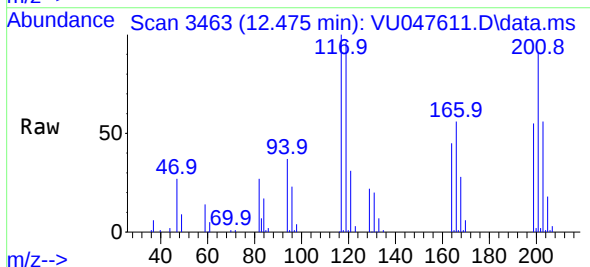
Manual Integrations
APPROVED

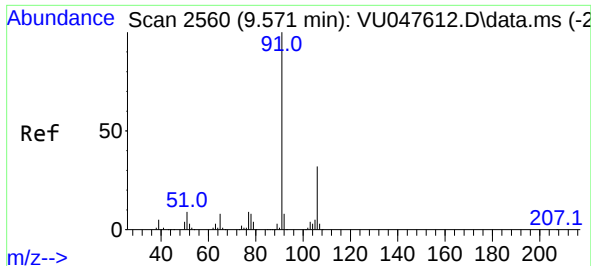
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#62
Hexachloroethane
Concen: 6.183 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

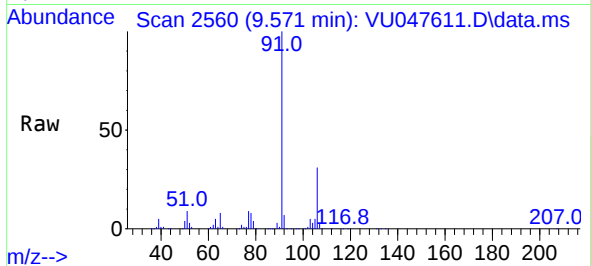
Tgt Ion:117 Resp: 40141
Ion Ratio Lower Upper
117 100
201 91.6 53.6 80.4#





#63
Ethyl Benzene
Concen: 4.970 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

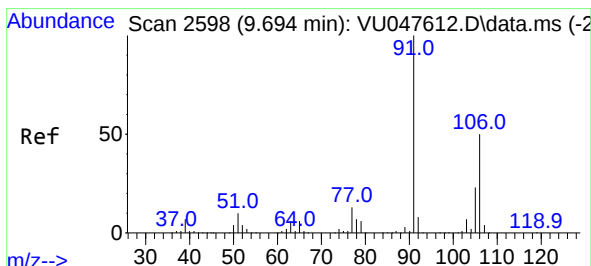
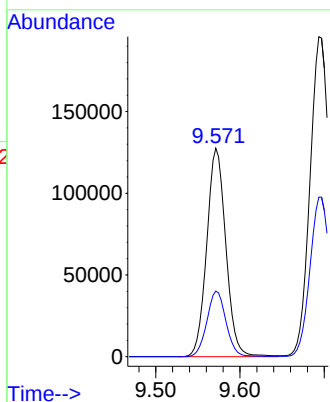
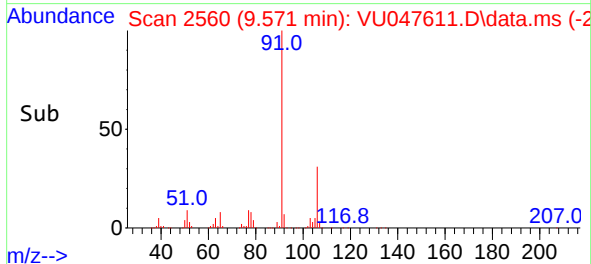
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



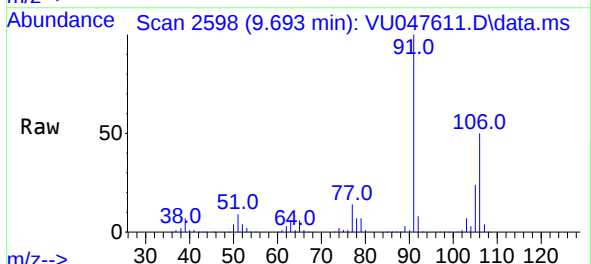
Tgt Ion: 91 Resp: 201349
Ion Ratio Lower Upper
91 100
106 31.4 24.4 36.6

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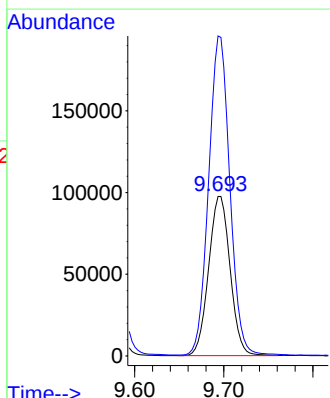
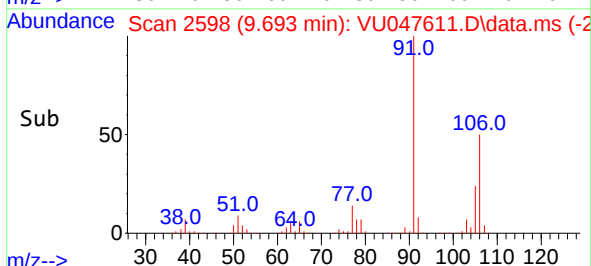
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

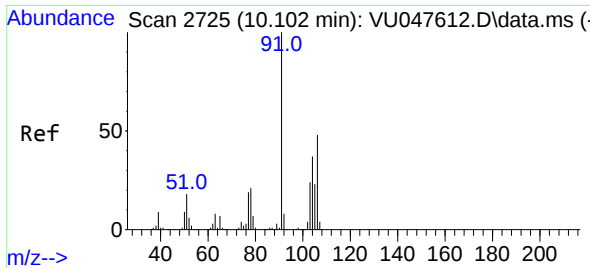


#64
m/p-Xylenes
Concen: 10.574 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24



Tgt Ion:106 Resp: 163301
Ion Ratio Lower Upper
106 100
91 197.8 165.5 248.3





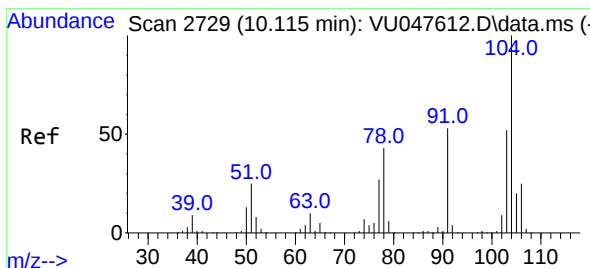
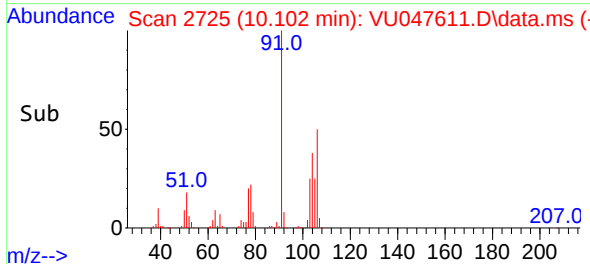
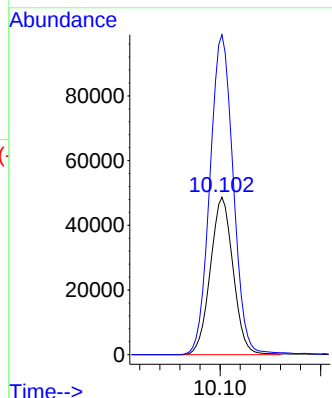
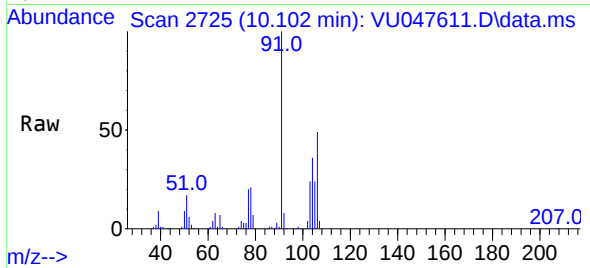
#65
o-Xylene
Concen: 5.117 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 7655
Ion Ratio Lower Upper
106 100
91 208.8 109.4 328.2

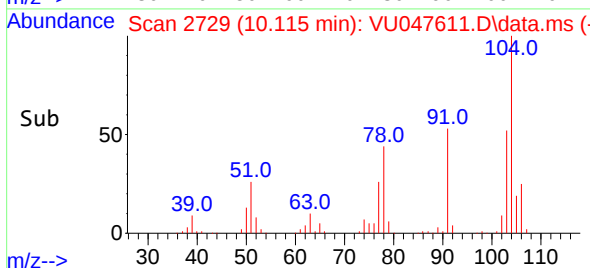
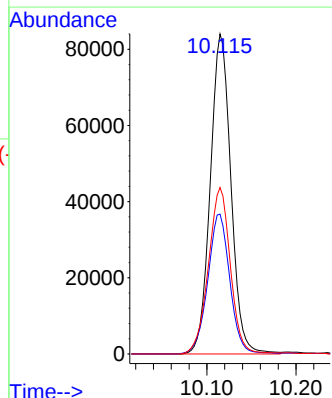
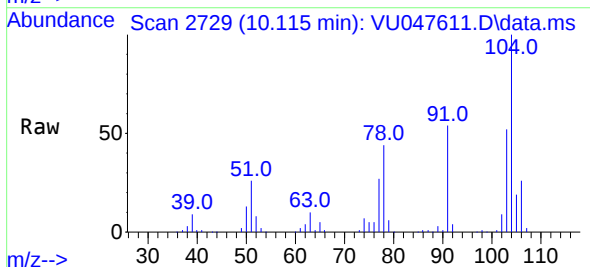
Manual Integrations
APPROVED

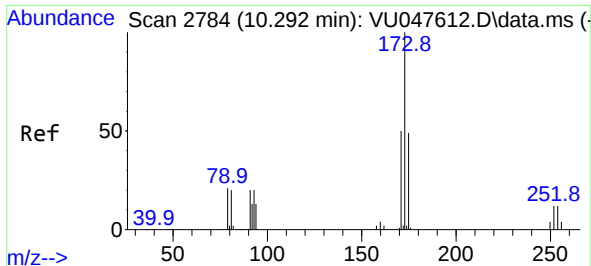
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#66
Styrene
Concen: 5.321 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

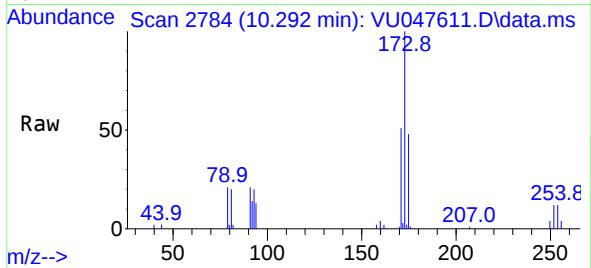
Tgt Ion:104 Resp: 135105
Ion Ratio Lower Upper
104 100
78 46.8 42.4 63.6
103 55.4 44.2 66.4





#67
Bromoform
Concen: 6.231 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

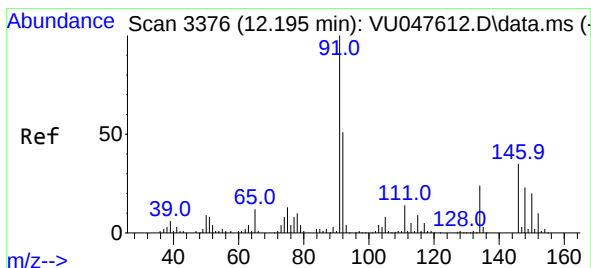
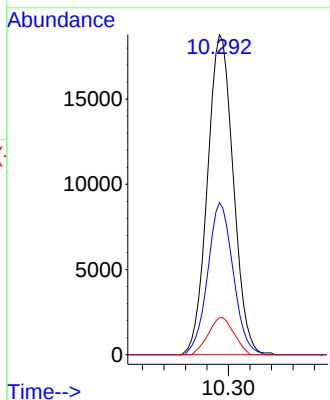
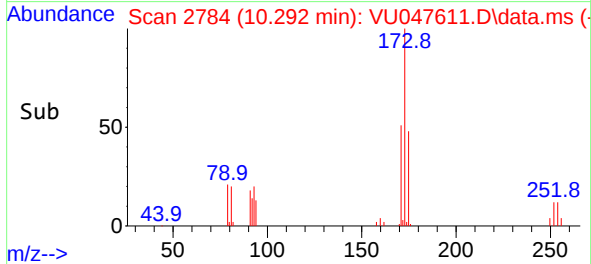
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



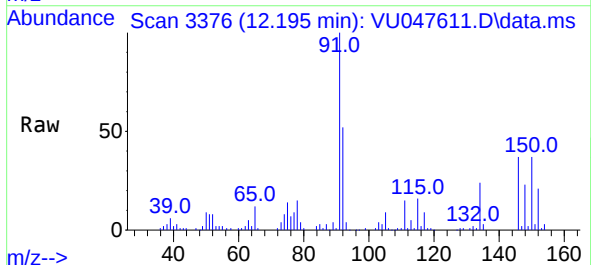
Tgt Ion:173 Resp: 3132
Ion Ratio Lower Upper
173 100
175 46.8 39.0 58.4
254 11.5 5.5 8.3

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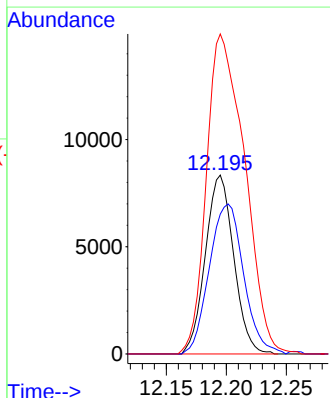
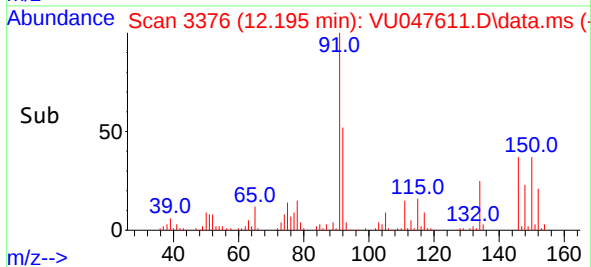
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

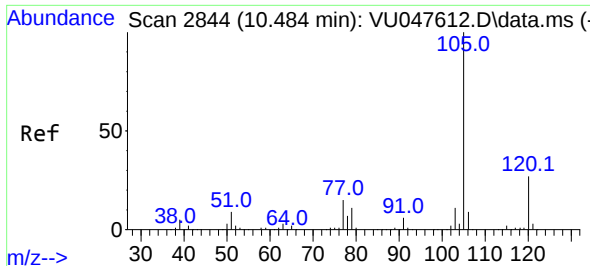


#68
1,2-Dichlorobenzene-d4
Concen: 1.094 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24



Tgt Ion:152 Resp: 13733
Ion Ratio Lower Upper
152 100
115 101.4 0.0 251.0
150 240.4 0.0 613.8





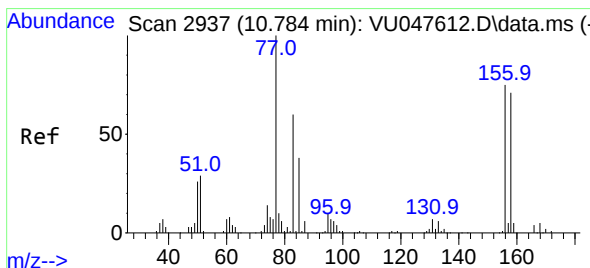
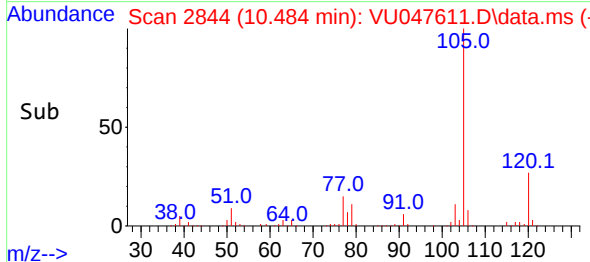
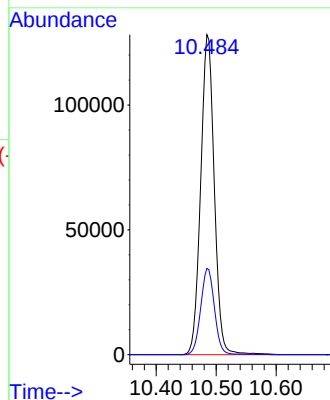
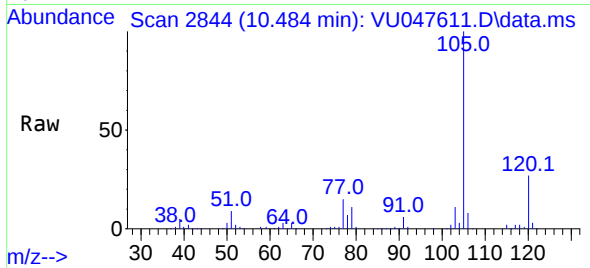
#69
Isopropylbenzene
Concen: 5.036 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 20260
Ion Ratio Lower Upper
105 100
120 27.1 12.8 38.4

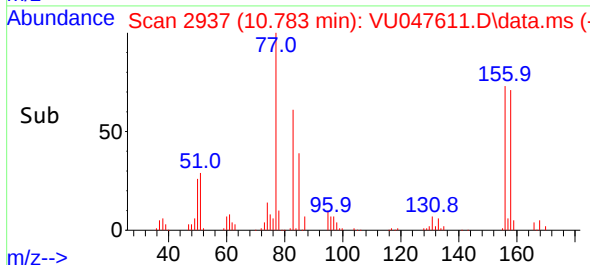
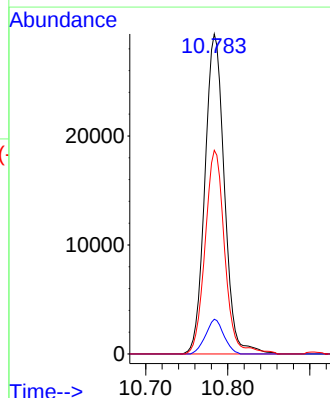
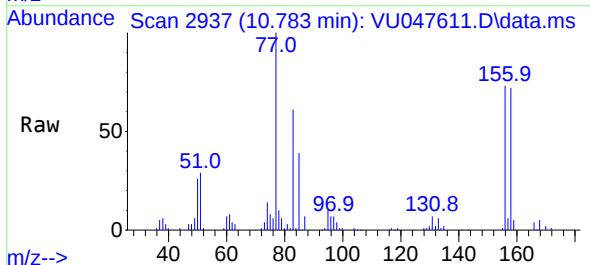
Manual Integrations
APPROVED

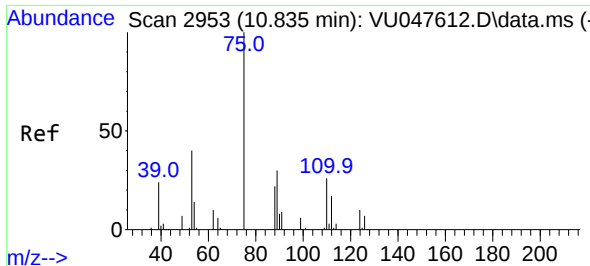
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 5.490 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Tgt Ion: 83 Resp: 48429
Ion Ratio Lower Upper
83 100
131 10.1 7.6 11.4
85 64.2 50.9 76.3





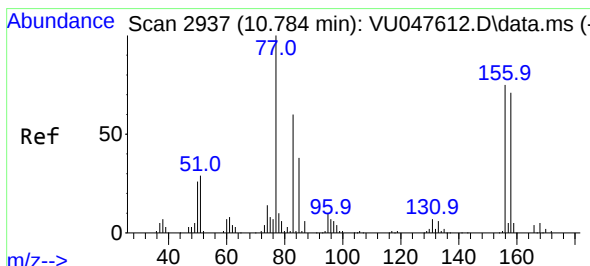
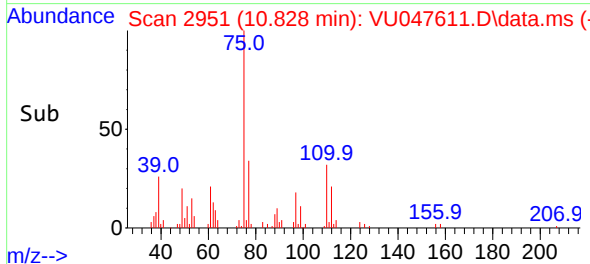
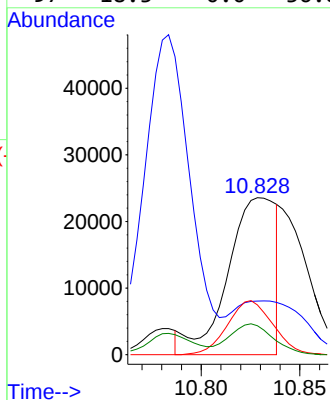
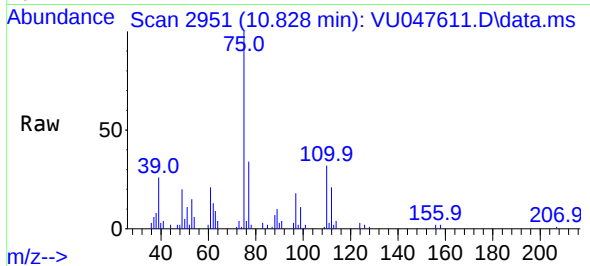
#71
1,2,3-Trichloropropane
Concen: 5.386 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. -0.010 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 75	Resp: 4010
Ion Ratio	Lower Upper
75 100	
77 49.8	0.0 105.6
110 32.5	0.0 71.2
97 18.3	0.0 36.8

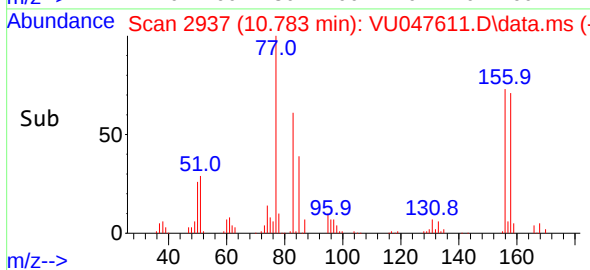
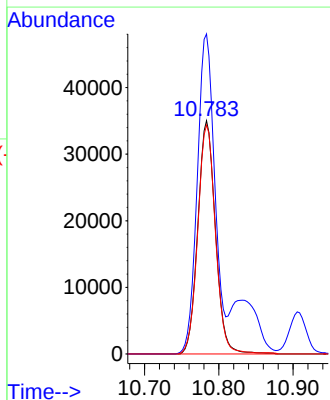
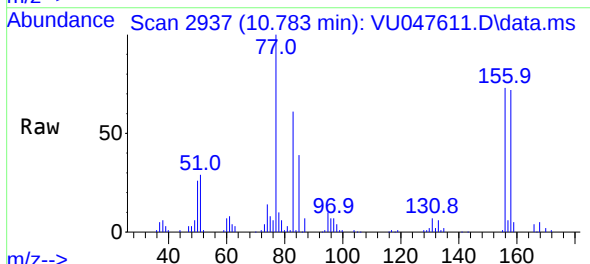
Manual Integrations
APPROVED

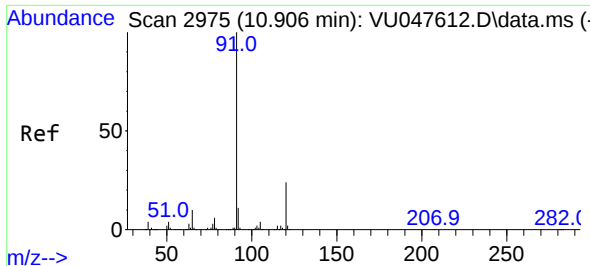
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#72
Bromobenzene
Concen: 5.894 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Tgt Ion:156	Resp: 57917
Ion Ratio	Lower Upper
156 100	
77 135.5	0.0 370.6
158 98.2	0.0 193.4





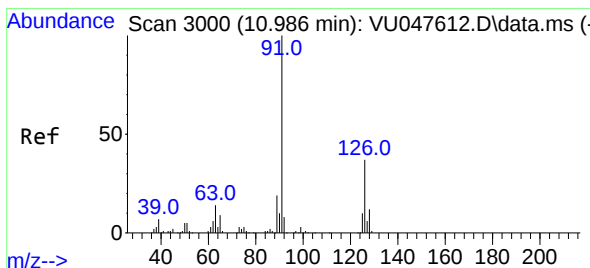
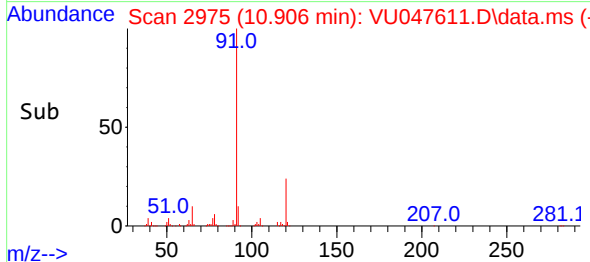
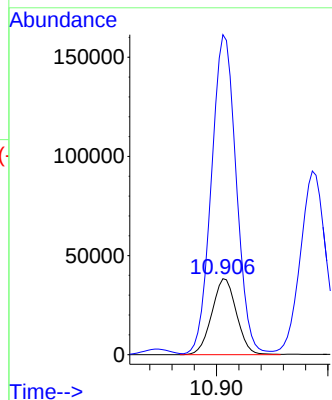
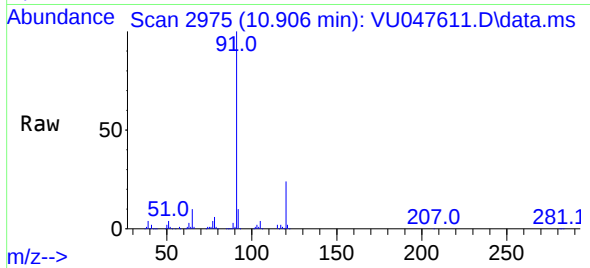
#73
n-propylbenzene
Concen: 5.318 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:120 Resp: 5889
Ion Ratio Lower Upper
120 100
91 424.3 370.7 556.1

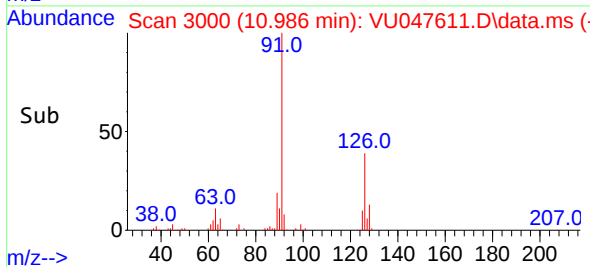
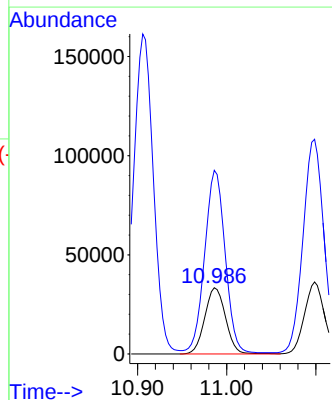
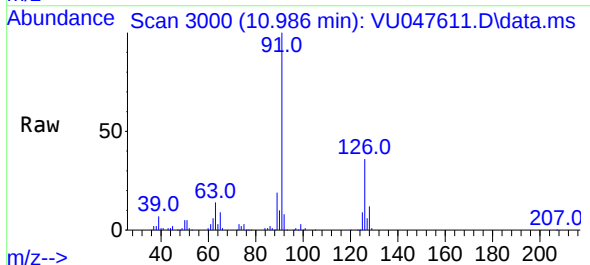
Manual Integrations
APPROVED

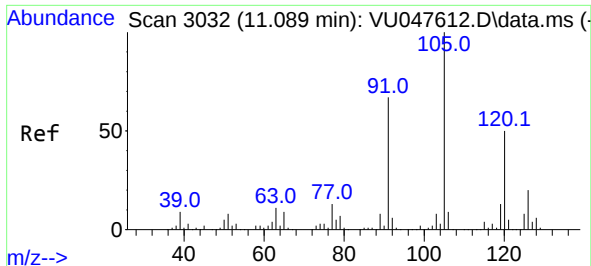
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#74
2-Chlorotoluene
Concen: 5.719 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Tgt Ion:126 Resp: 54005
Ion Ratio Lower Upper
126 100
91 271.1 0.0 639.6





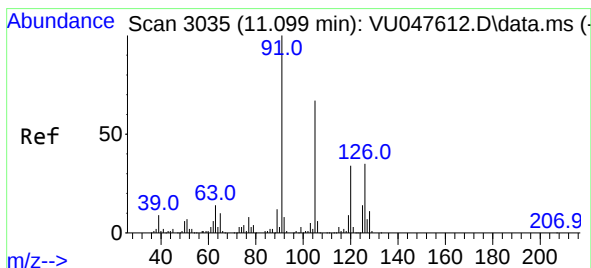
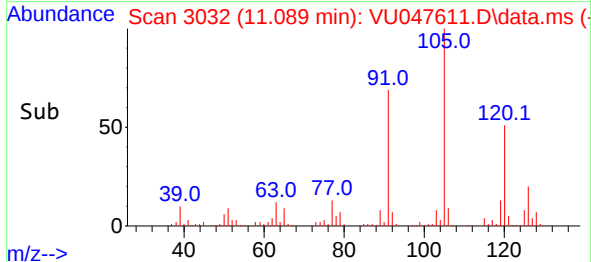
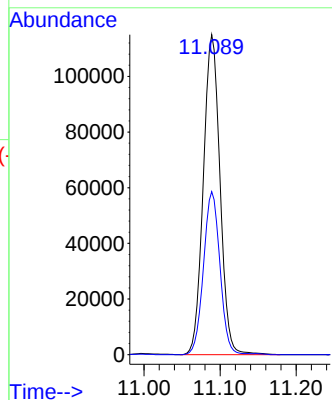
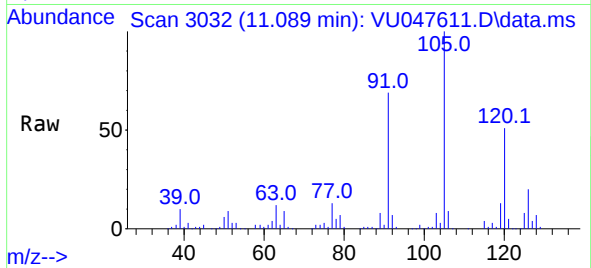
#75
1,3,5-Trimethylbenzene
Concen: 5.320 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 175520
Ion Ratio Lower Upper
105 100
120 50.1 38.6 58.0

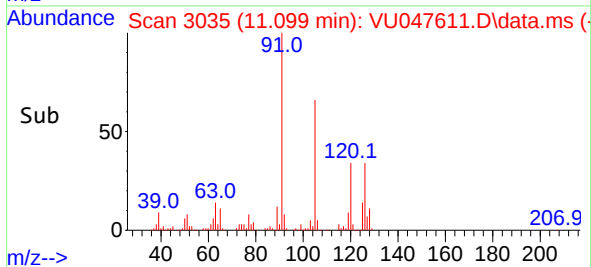
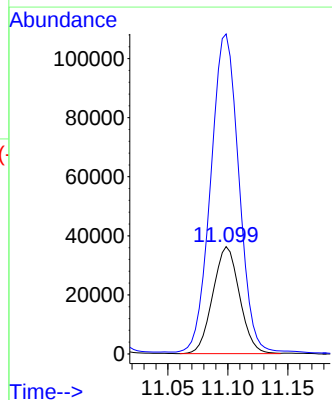
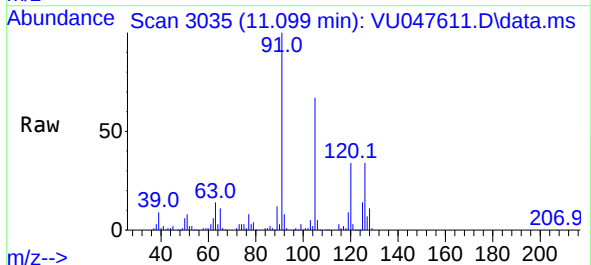
Manual Integrations
APPROVED

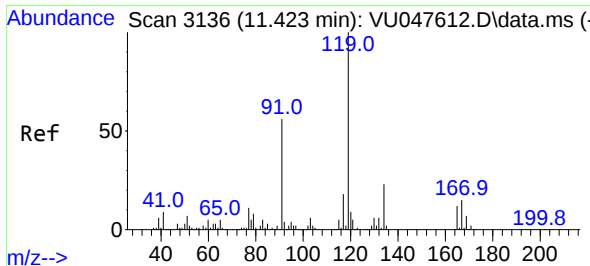
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#76
4-Chlorotoluene
Concen: 5.654 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Tgt Ion:126 Resp: 56091
Ion Ratio Lower Upper
126 100
91 320.1 0.0 728.0





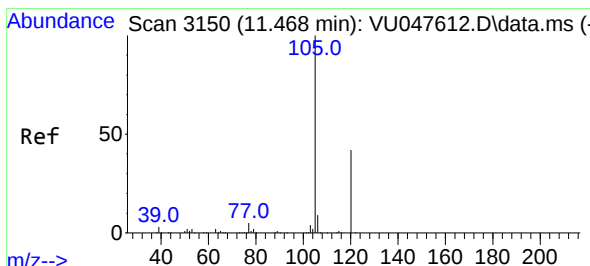
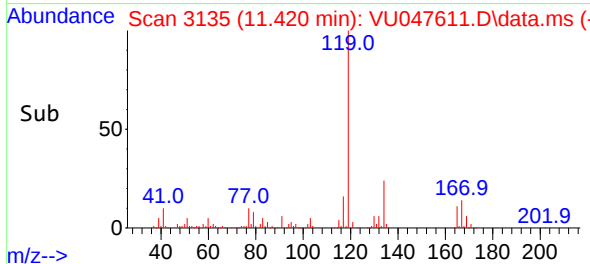
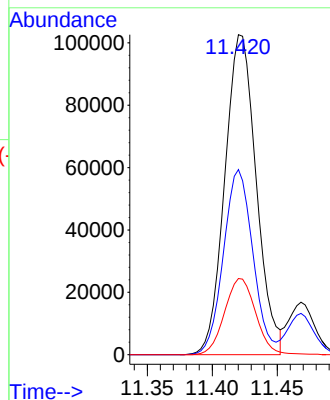
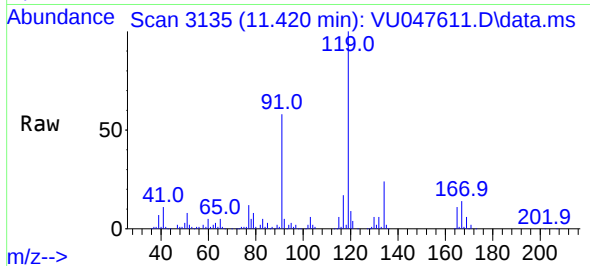
#77
tert-Butylbenzene
Concen: 5.231 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 17318
Ion Ratio Lower Upper
119 100
91 54.1 31.4 94.3
134 23.5 18.5 27.7

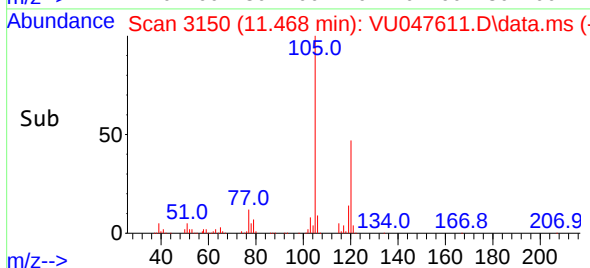
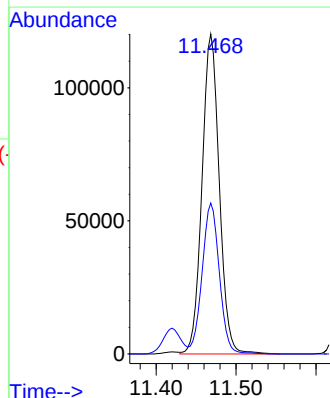
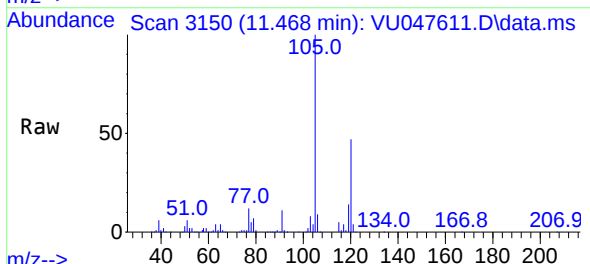
Manual Integrations
APPROVED

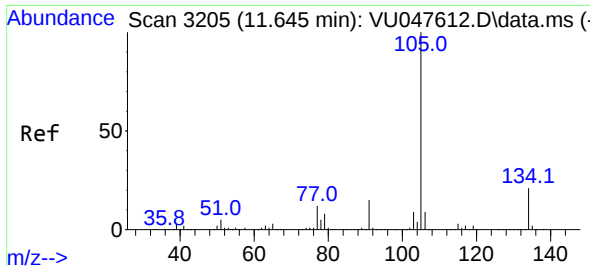
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#78
1,2,4-Trimethylbenzene
Concen: 5.379 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Tgt Ion:105 Resp: 181118
Ion Ratio Lower Upper
105 100
120 47.0 22.3 66.8





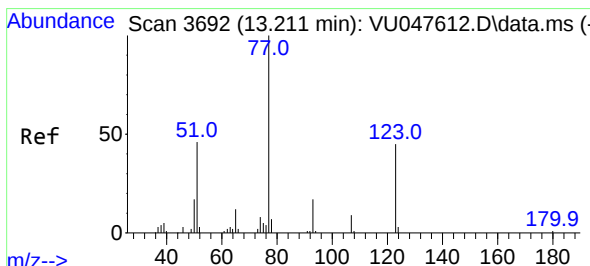
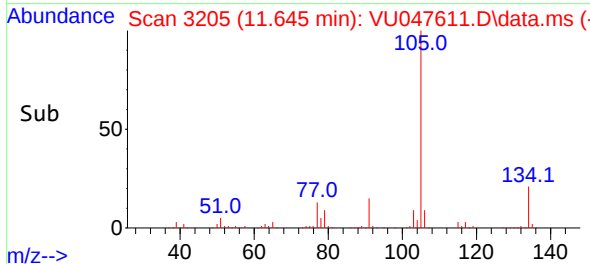
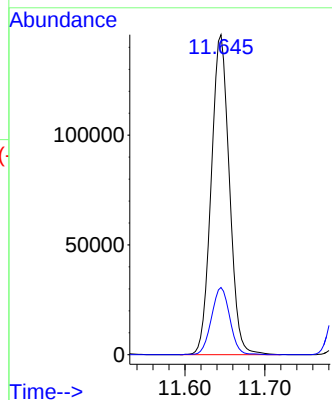
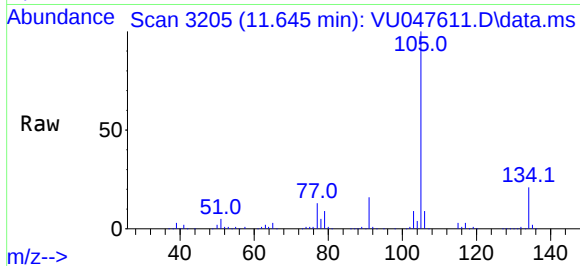
#79
 sec-Butylbenzene
 Concen: 5.220 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU047611.D
 Acq: 18 Mar 2022 11:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Tgt Ion:105 Resp: 22949
 Ion Ratio Lower Upper
 105 100
 134 21.2 15.4 23.0

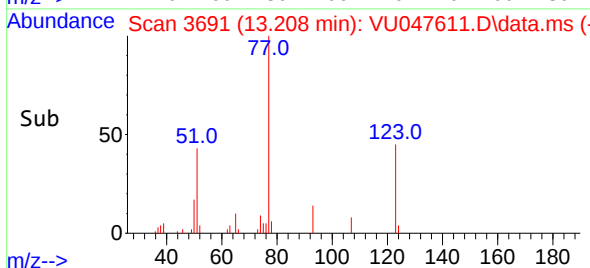
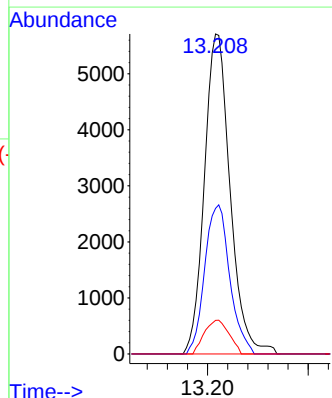
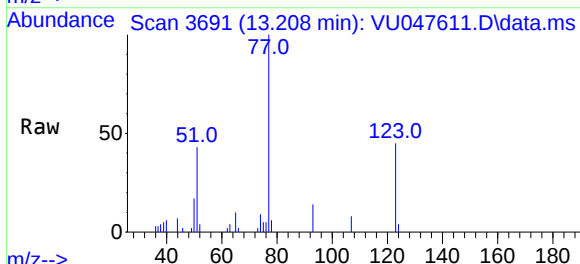
Manual Integrations
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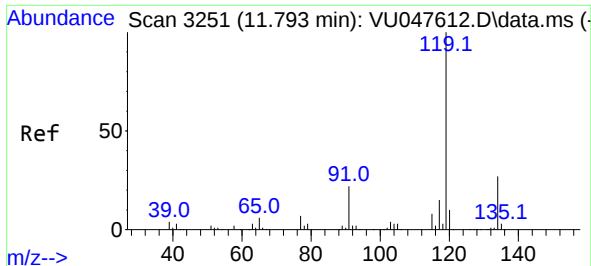
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 03/31/2022



#80
 Nitrobenzene
 Concen: 23.806 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. 0.000 min
 Lab File: VU047611.D
 Acq: 18 Mar 2022 11:24

Tgt Ion: 77 Resp: 10139
 Ion Ratio Lower Upper
 77 100
 123 45.4 18.2 64.4
 65 10.1 12.0 15.2#





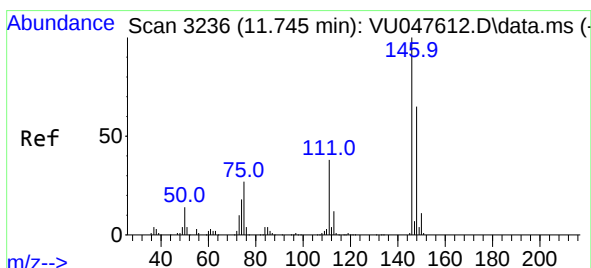
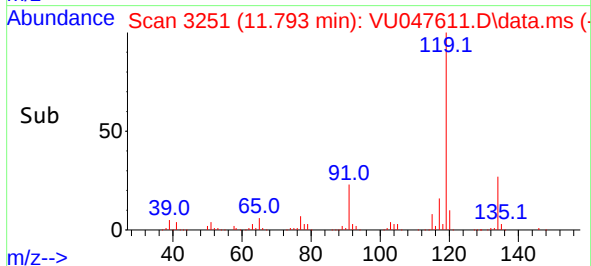
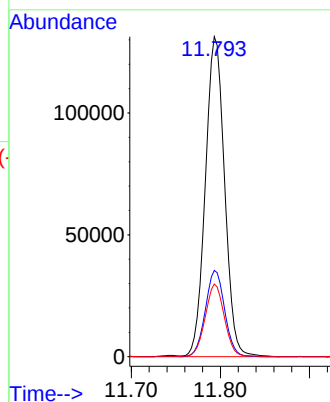
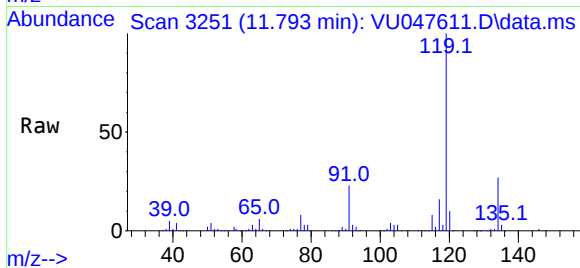
#81
p-Isopropyltoluene
Concen: 5.277 ug/l
RT: 11.793 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 19630
Ion Ratio Lower Upper
119 100
134 27.0 20.2 30.4
91 22.7 19.9 29.9

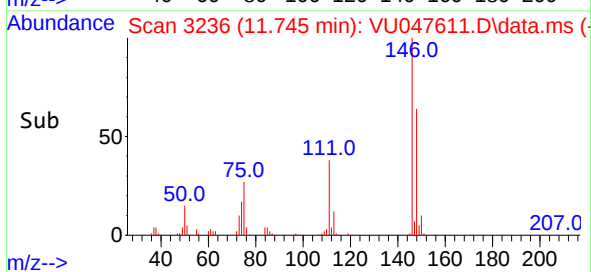
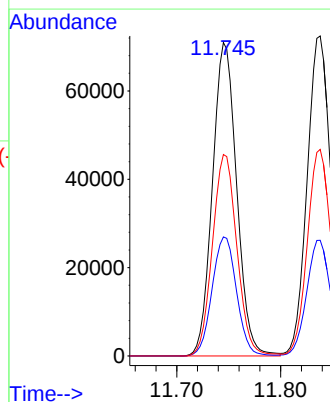
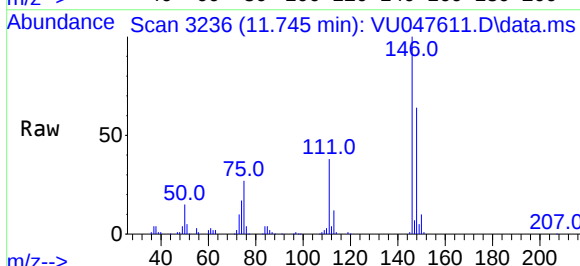
Manual Integrations
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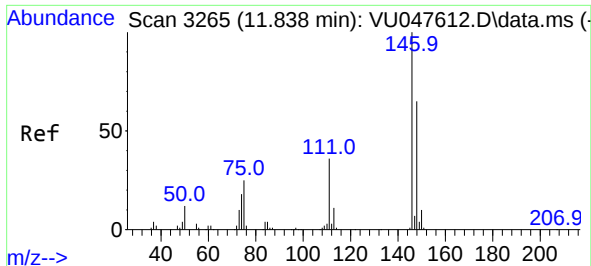
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#82
1,3-Dichlorobenzene
Concen: 6.007 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

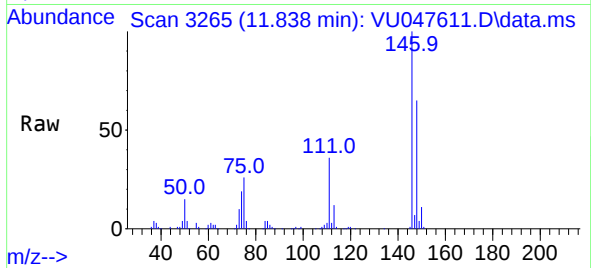
Tgt Ion:146 Resp: 114911
Ion Ratio Lower Upper
146 100
111 38.3 33.9 50.9
148 65.0 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 6.048 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

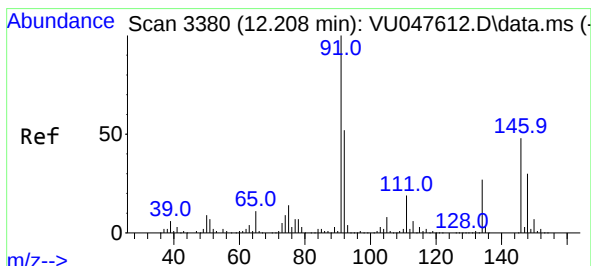
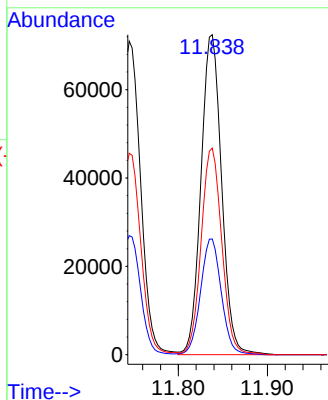
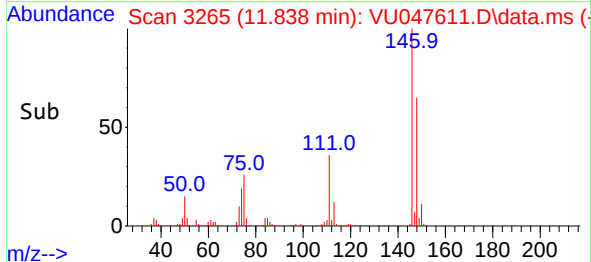
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



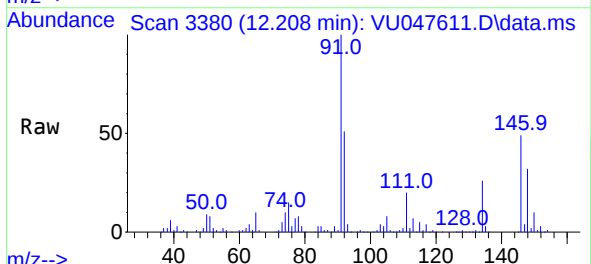
Tgt Ion:146 Resp: 11653
Ion Ratio Lower Upper
146 100
111 36.3 32.7 49.1
148 64.6 51.4 77.0

Manual Integrations
APPROVED

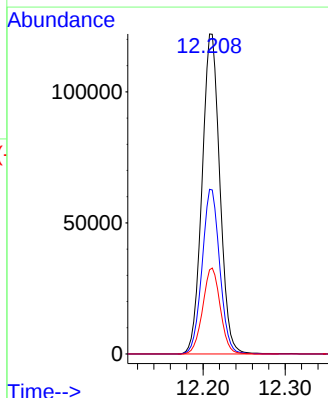
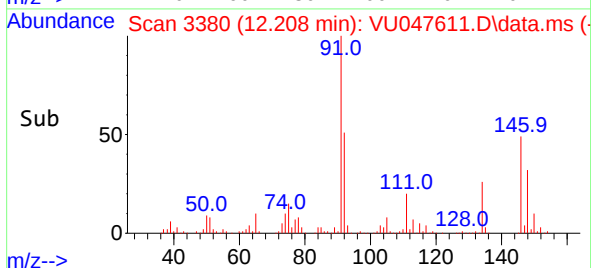
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

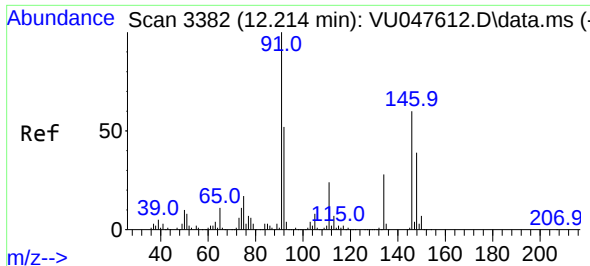


#84
n-Butylbenzene
Concen: 5.133 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24



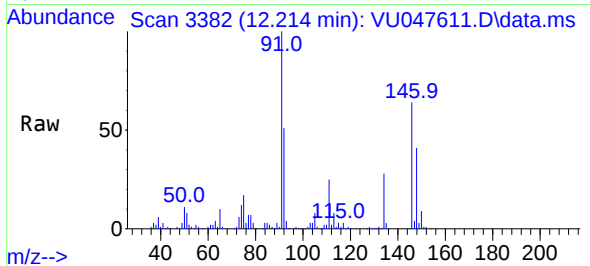
Tgt Ion: 91 Resp: 183384
Ion Ratio Lower Upper
91 100
92 51.1 43.5 65.3
134 26.5 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 6.067 ug/l
RT: 12.214 min Scan# 3117
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

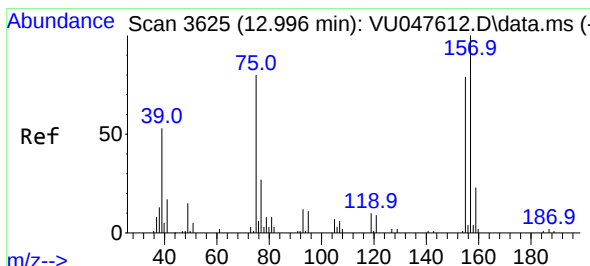
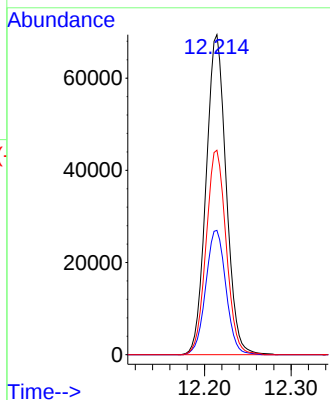
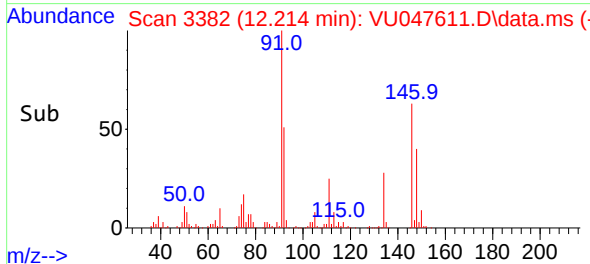
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion:146 Resp: 111710
Ion Ratio Lower Upper
146 100
111 39.2 22.1 66.1
148 64.0 31.6 94.7

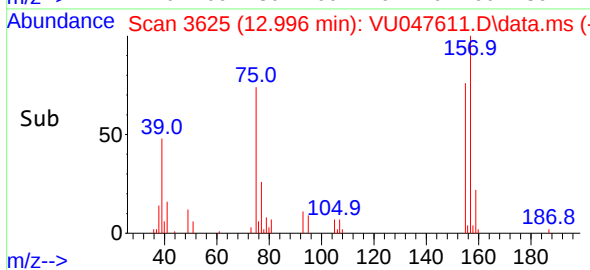
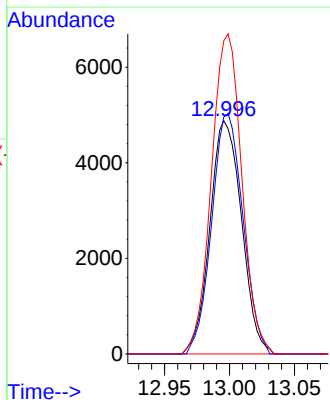
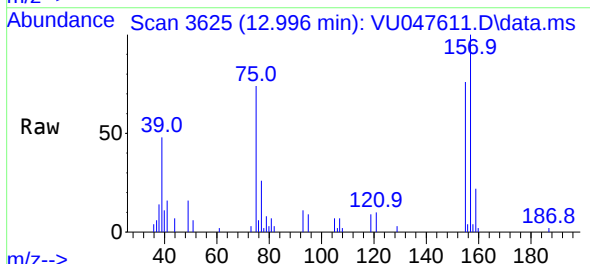
Manual Integrations
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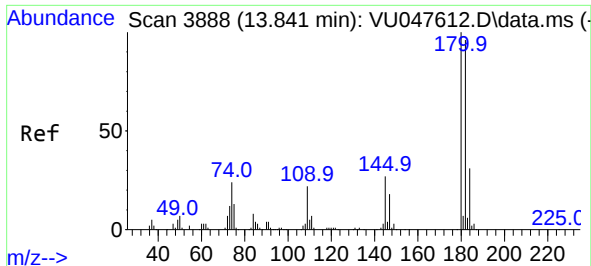
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 5.112 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Tgt Ion: 75 Resp: 8268
Ion Ratio Lower Upper
75 100
155 101.7 57.8 86.8#
157 131.9 75.1 112.7#





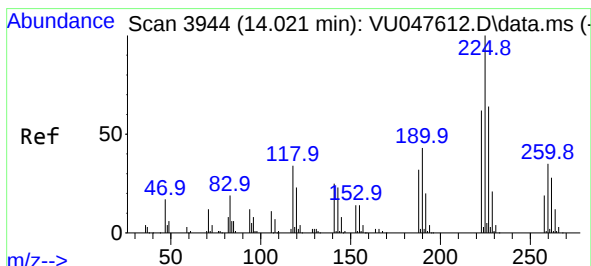
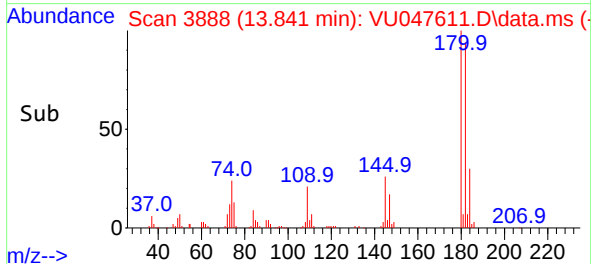
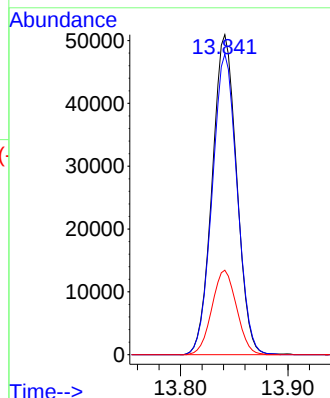
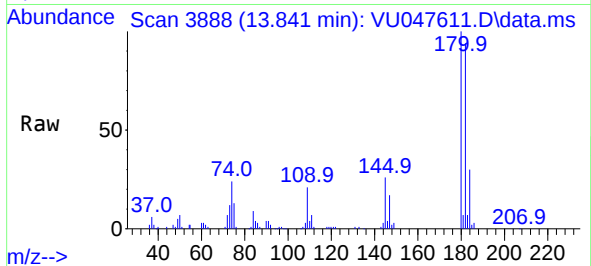
#87
1,2,4-Trichlorobenzene
Concen: 5.570 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 80520
Ion Ratio Lower Upper
180 100
182 95.4 75.8 113.8
145 26.6 25.3 37.9

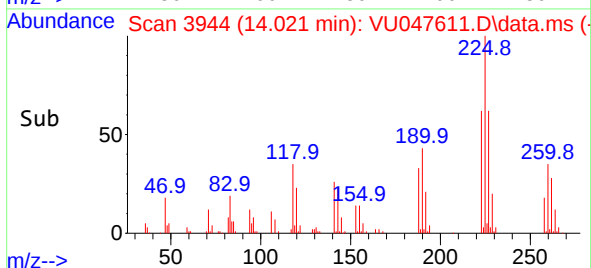
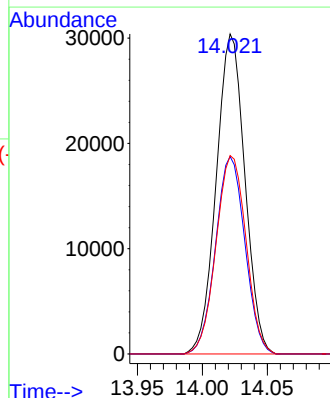
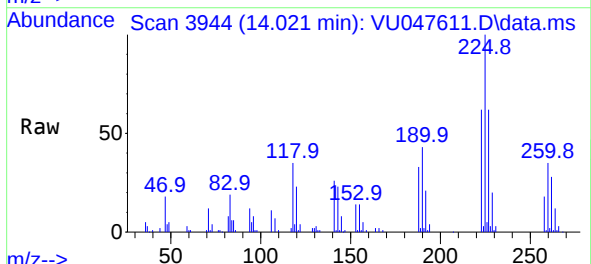
Manual Integrations
APPROVED

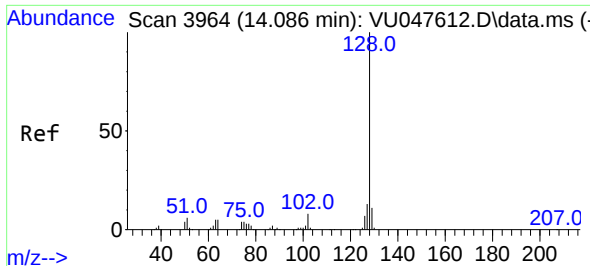
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#88
Hexachlorobutadiene
Concen: 6.296 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Tgt Ion:225 Resp: 46540
Ion Ratio Lower Upper
225 100
223 63.2 51.1 76.7
227 64.8 49.9 74.9





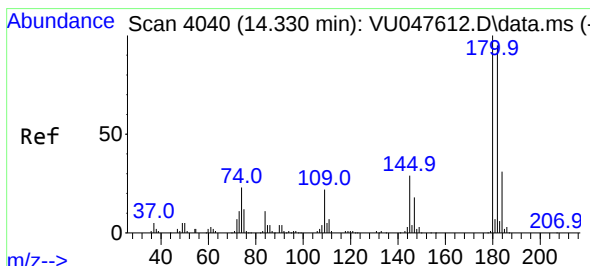
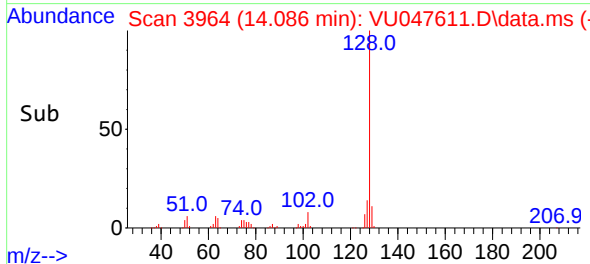
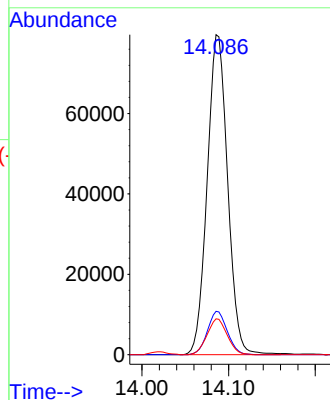
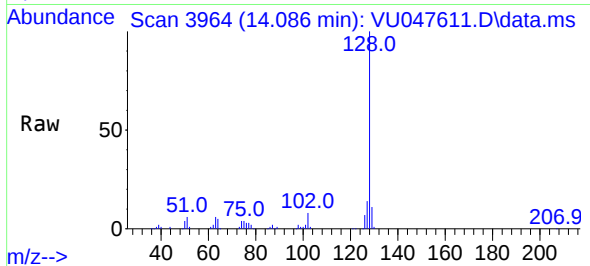
#89
Naphthalene
Concen: 4.412 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 13065
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.1 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: 5.858 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047611.D
Acq: 18 Mar 2022 11:24

Tgt Ion:180 Resp: 75967
Ion Ratio Lower Upper
180 100
182 95.8 75.4 113.0
145 28.7 27.0 40.4

