

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032122\
 Data File : VU047627.D
 Acq On : 21 Mar 2022 12:09
 Operator : SY/MD
 Sample : VU0321WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0321WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Mar 22 01:47:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031822DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Mar 18 13:19:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	30341	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	10962	0.969	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	13446	0.981	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	22388	2.043	ug/l	98
3) Chloromethane	1.527	50	23450	2.190	ug/l	100
4) Vinyl Chloride	1.607	62	21681	2.086	ug/l	99
5) Bromomethane	1.864	94	11932	1.958	ug/l	97
6) Chloroethane	1.938	64	13529	2.177	ug/l	99
7) Trichlorofluoromethane	2.144	101	29622	2.062	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	17075	2.080	ug/l	89
9) 1,1-Dichloroethene	2.588	96	16826	2.074	ug/l	88
10) Iodomethane	2.729	142	8914	2.972	ug/l	98
11) Allyl Chloride	2.928	41	22719	2.227	ug/l	99
12) Acrylonitrile	3.333	53	8161	4.558	ug/l	94
13) Acetone	2.655	43	12338	10.131	ug/l	94
14) Carbon Disulfide	2.800	76	54261	2.116	ug/l	100
15) Methylene Chloride	3.054	84	20747	1.751	ug/l	92
16) trans-1,2-Dichloroethene	3.356	96	18040	2.114	ug/l	94
17) 1,1-Dichloroethane	3.874	63	32156	2.221	ug/l	99
18) 2-Butanone	4.732	43	17845	9.408	ug/l	95
19) Cyclohexane	5.391	56	22685m	2.088	ug/l	
20) Methylcyclohexane	6.767	83	25146	2.018	ug/l	97
21) 2,2-Dichloropropane	4.671	77	27552	2.164	ug/l	97
22) cis-1,2-Dichloroethene	4.674	96	20147	2.174	ug/l	90
23) Diethyl Ether	2.382	59	12575	2.121	ug/l	92
24) tert-Butyl Alcohol	3.276	59	5548m	13.568	ug/l	
25) Methyl tert-Butyl Ether	3.372	73	43745	2.215	ug/l	100
26) Bromochloromethane	4.980	128	10161	2.168	ug/l	83
27) Chloroform	5.092	83	34795	2.223	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	29203	2.149	ug/l	96
29) 1,1-Dichloropropene	5.530	75	23999	2.179	ug/l	97
30) Carbon Tetrachloride	5.526	117	26221	2.165	ug/l	99
31) Isopropyl Ether	4.002	45	44379	2.308	ug/l	95
32) Ethyl-t-butyl ether	4.510	59	42526	2.191	ug/l	94
33) Tert-Amyl methyl ether	5.948	73	39762	2.180	ug/l	98
34) Propionitrile	4.813	54	5219	9.184	ug/l #	93
35) Benzene	5.777	78	72234	2.192	ug/l	100
36) 1,2-Dichloroethane	5.800	62	22193	2.226	ug/l	100
37) Trichloroethene	6.546	130	20522	2.155	ug/l	87
38) 1,2-Dichloropropane	6.793	63	19172	2.259	ug/l	99
39) Methacrylonitrile	4.989	41	5358	2.255	ug/l #	92
40) Methyl acrylate	4.861	55	8666	2.158	ug/l #	95
41) Tetrahydrofuran	5.079	42	4519	3.748	ug/l #	71
42) 1-Chlorobutane	5.462	56	30478	2.147	ug/l	100
43) Dibromomethane	6.922	93	11110	2.184	ug/l #	83
44) Bromodichloromethane	7.108	83	25129	2.130	ug/l #	97

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	59894	11.778	ug/l	99
46) t-1,4-Dichloro-2-butene	10.838	75	9509m	4.305	ug/l	
47) Methyl methacrylate	6.967	69	19106	4.644	ug/l	91
48) Ethyl methacrylate	8.337	69	16818	2.169	ug/l	92
49) Toluene	7.970	92	44471	2.196	ug/l	98
50) t-1,3-Dichloropropene	8.214	75	23767	2.174	ug/l	97
51) cis-1,3-Dichloropropene	7.610	75	25677	2.133	ug/l	94
52) 1,1,2-Trichloroethane	8.404	97	16500	2.331	ug/l	98
53) 1,3-Dichloropropane	8.578	76	26463	2.296	ug/l	98
54) 2-Hexanone	8.693	43	43301	11.663	ug/l	97
55) Dibromochloromethane	8.812	129	19330	2.162	ug/l	99
56) 1,2-Dibromoethane	8.928	107	16114	2.287	ug/l	97
58) Tetrachloroethene	8.555	164	18274	2.081	ug/l	95
59) Chlorobenzene	9.449	112	51158	2.167	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	19933	2.175	ug/l	100
61) Pentachloroethane	11.430	117	16217	2.091	ug/l	83
62) Hexachloroethane	12.475	117	15489	2.012	ug/l #	68
63) Ethyl Benzene	9.571	91	76430	2.067	ug/l	98
64) m/p-Xylenes	9.697	106	63014	4.295	ug/l	91
65) o-Xylene	10.102	106	29506	2.125	ug/l	97
66) Styrene	10.115	104	50382	2.104	ug/l	95
67) Bromoform	10.291	173	13537	2.275	ug/l #	95
69) Isopropylbenzene	10.484	105	77866	2.118	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.787	83	21228	2.252	ug/l	99
71) 1,2,3-Trichloropropane	10.828	75	14368m	1.931	ug/l	
72) Bromobenzene	10.783	156	24198	2.195	ug/l	78
73) n-propylbenzene	10.909	120	22184	2.079	ug/l	84
74) 2-Chlorotoluene	10.989	126	21418	2.186	ug/l	78
75) 1,3,5-Trimethylbenzene	11.089	105	66689	2.110	ug/l	98
76) 4-Chlorotoluene	11.098	126	22796	2.187	ug/l	72
77) tert-Butylbenzene	11.423	119	66640	2.081	ug/l	91
78) 1,2,4-Trimethylbenzene	11.468	105	66779	2.071	ug/l	96
79) sec-Butylbenzene	11.645	105	87043	2.086	ug/l	97
80) Nitrobenzene	13.211	77	3836	9.965	ug/l #	98
81) p-Isopropyltoluene	11.793	119	71613	2.063	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	47479	2.181	ug/l	97
83) 1,4-Dichlorobenzene	11.838	146	47932	2.189	ug/l	97
84) n-Butylbenzene	12.208	91	68350	2.110	ug/l	94
85) 1,2-Dichlorobenzene	12.214	146	45626	2.181	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.999	75	3432	2.159	ug/l #	75
87) 1,2,4-Trichlorobenzene	13.841	180	31481	2.108	ug/l	96
88) Hexachlorobutadiene	14.021	225	18657	2.081	ug/l	99
89) Naphthalene	14.089	128	50182	1.978	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	30188	2.144	ug/l	97

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

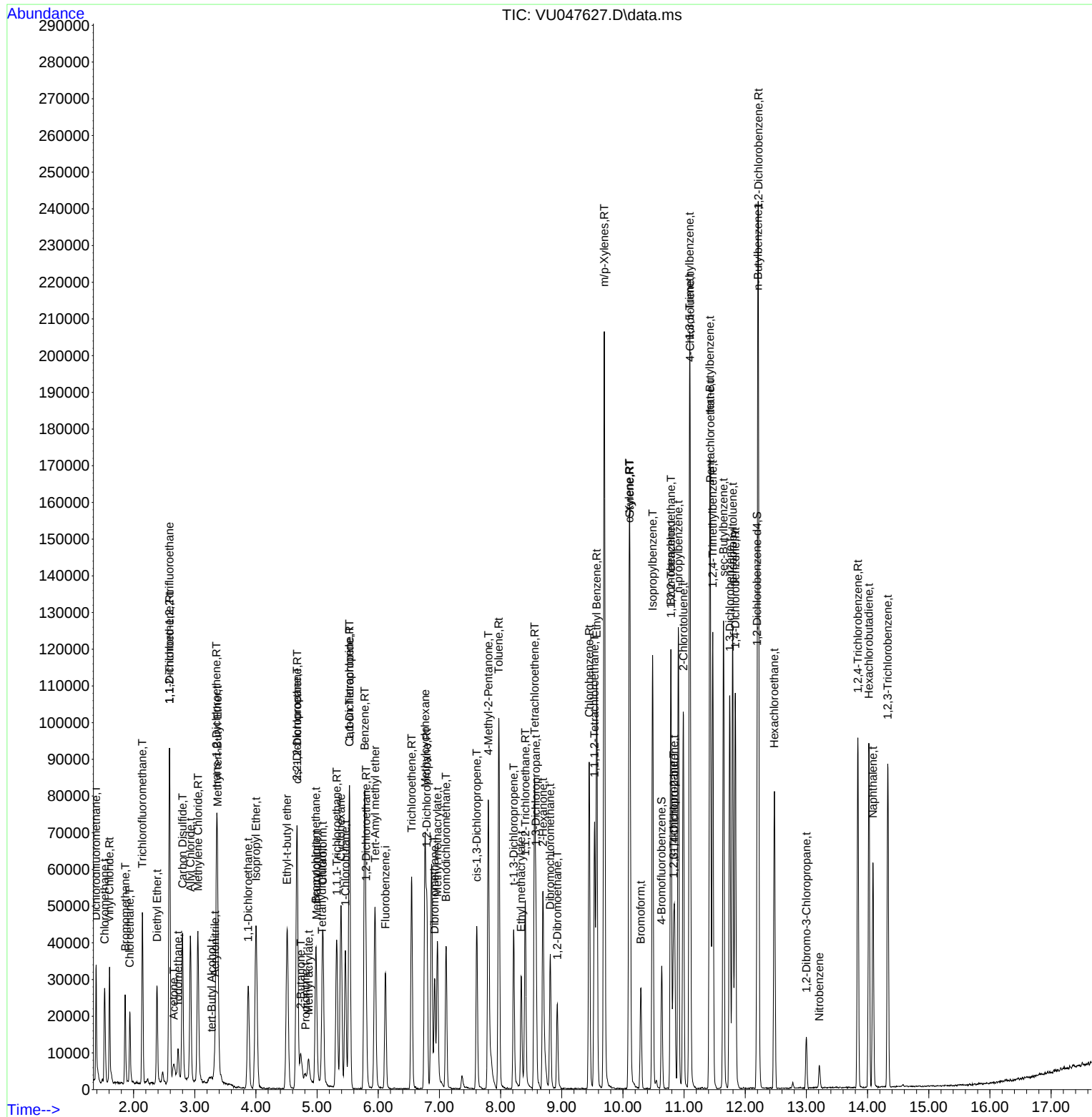
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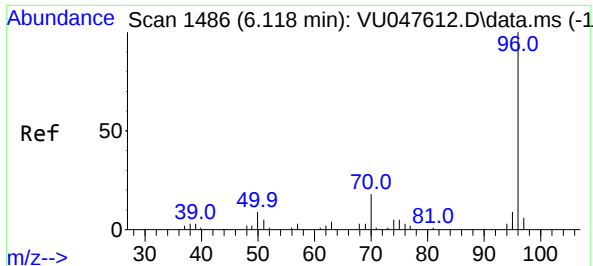
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01

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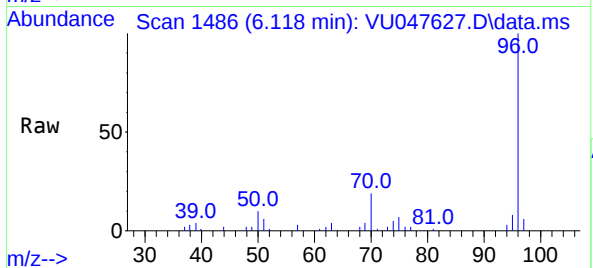
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01

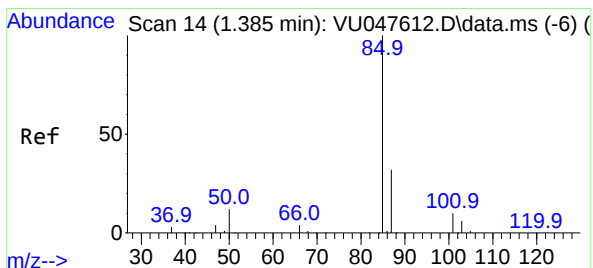
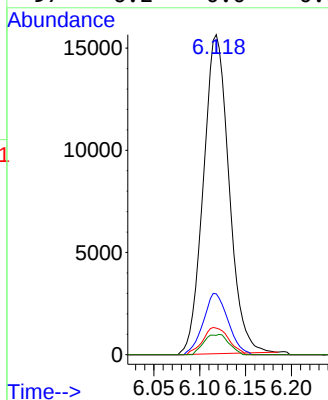
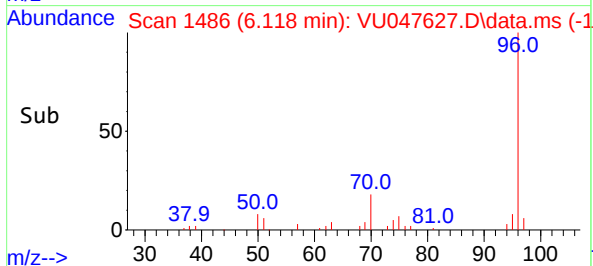


Tgt Ion: 96 Resp: 3034

Ion	Ratio	Lower	Upper
96	100		
70	18.6	16.8	25.2
95	8.6	7.3	10.9
97	6.2	0.0	0.0

Manual Integrations
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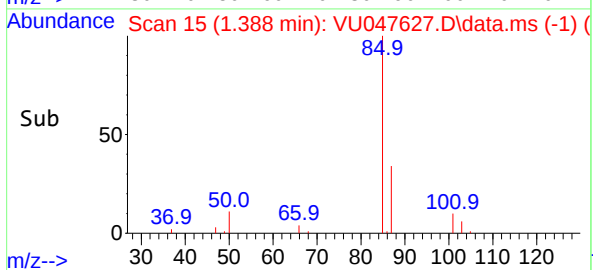
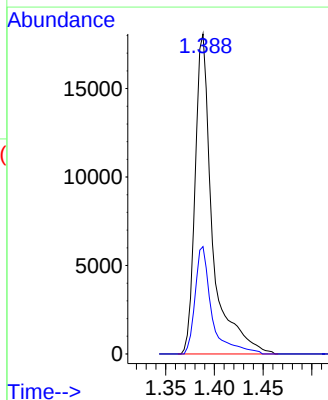
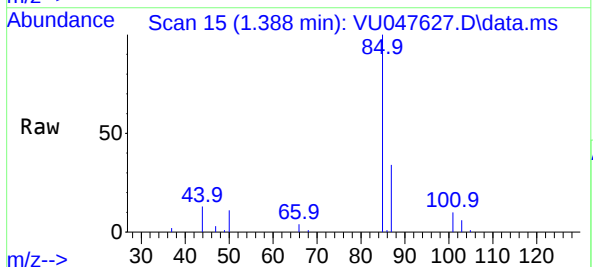
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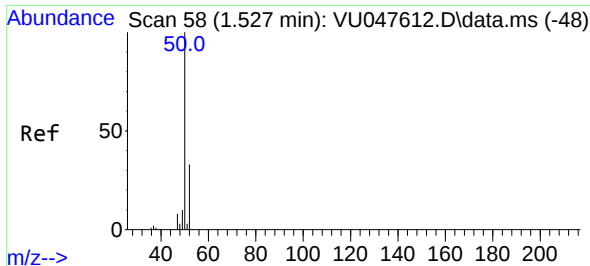


#2
Dichlorodifluoromethane
Concen: 2.043 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

Tgt Ion: 85 Resp: 22388

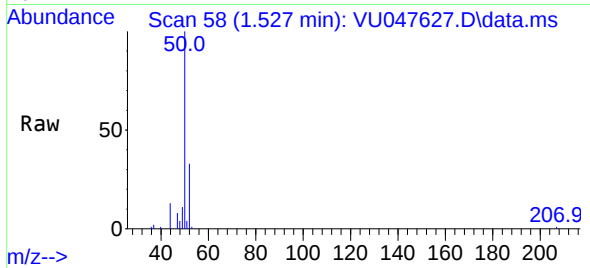
Ion	Ratio	Lower	Upper
85	100		
87	33.6	16.2	48.6





#3
Chloromethane
Concen: 2.190 ug/l
RT: 1.527 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

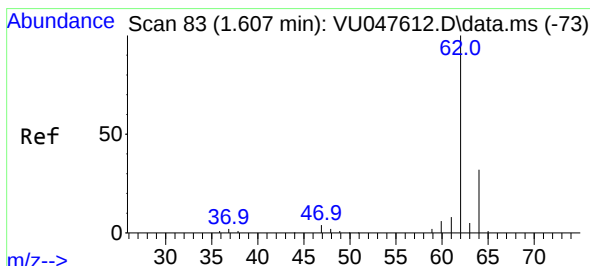
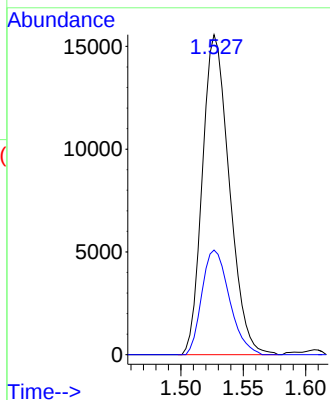
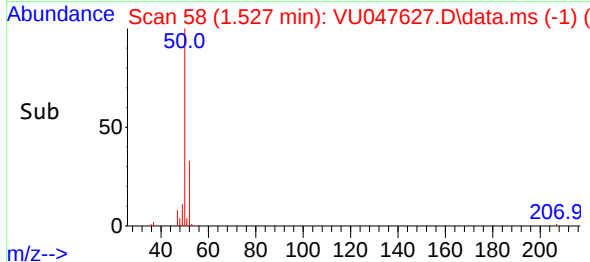
Instrument :
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ClientSampleId :
VU0321WBSD01



Tgt Ion: 50 Resp: 23450
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.4

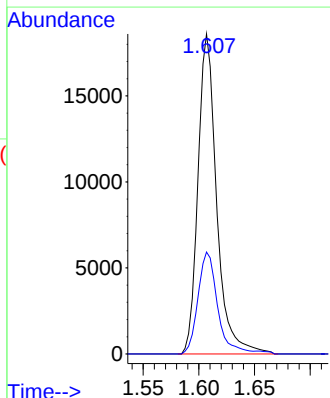
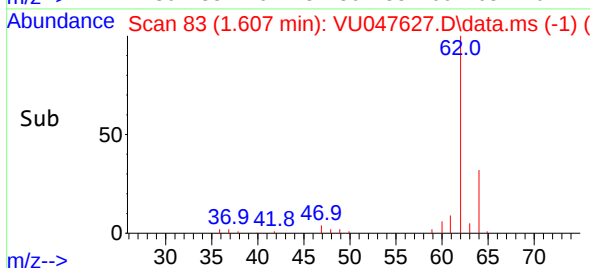
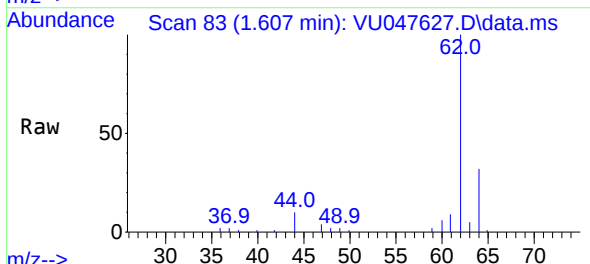
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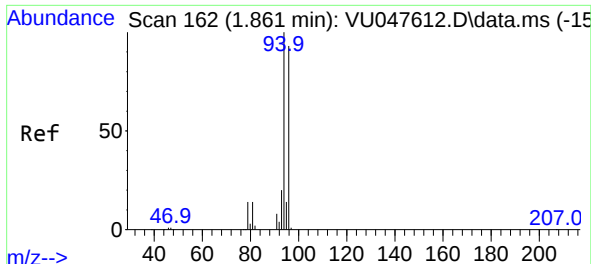
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#4
Vinyl Chloride
Concen: 2.086 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

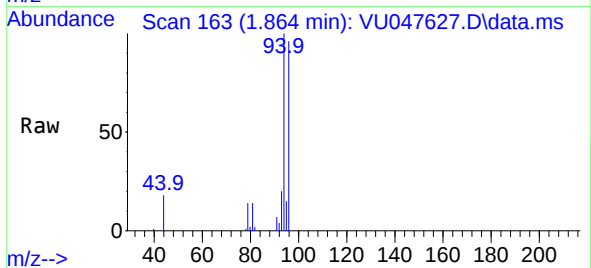
Tgt Ion: 62 Resp: 21681
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0





#5
Bromomethane
Concen: 1.958 ug/l
RT: 1.864 min Scan# 1193
Delta R.T. 0.003 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

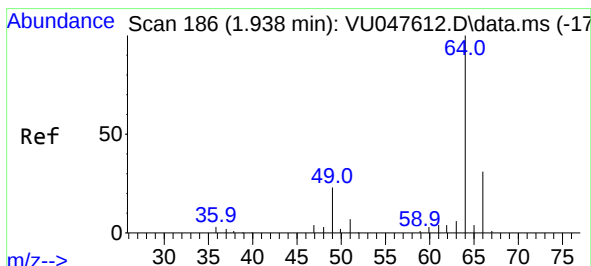
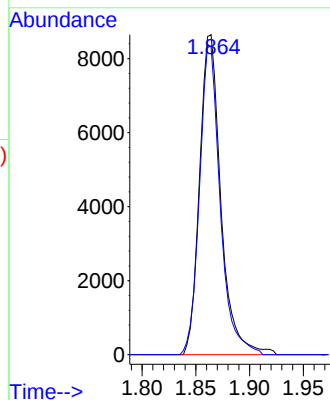
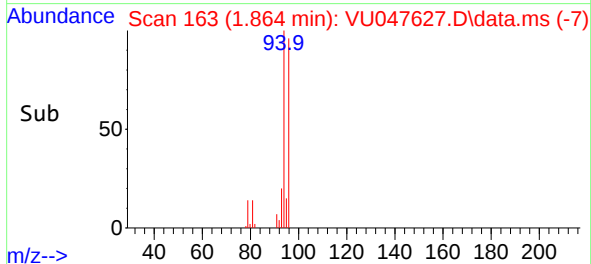
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



Tgt Ion: 94 Resp: 1193
Ion Ratio Lower Upper
94 100
96 96.2 75.0 112.4

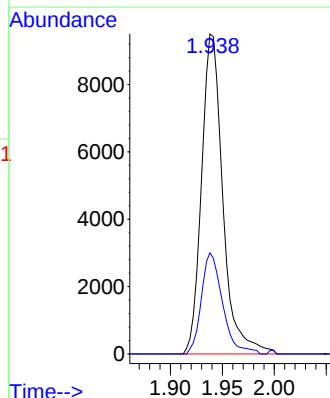
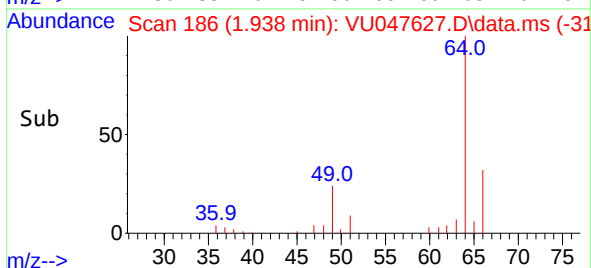
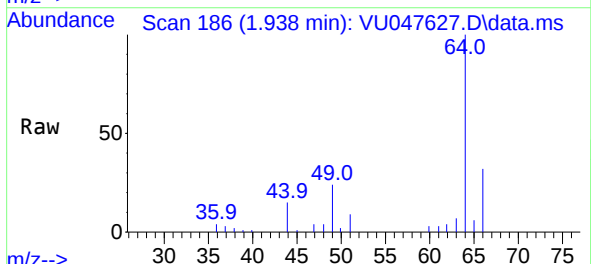
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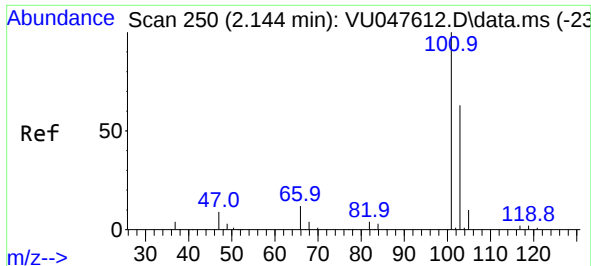
Reviewed By :John Carlone 03/22/2022
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#6
Chloroethane
Concen: 2.177 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

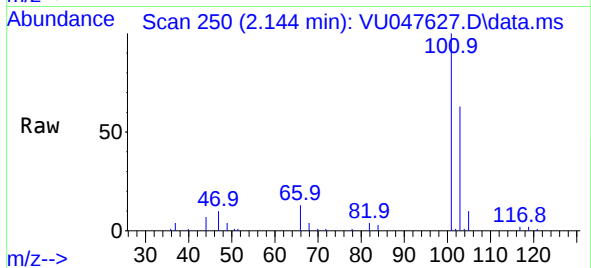
Tgt Ion: 64 Resp: 13529
Ion Ratio Lower Upper
64 100
66 31.6 25.8 38.8





#7
Trichlorofluoromethane
Concen: 2.062 ug/l
RT: 2.144 min Scan# 210
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

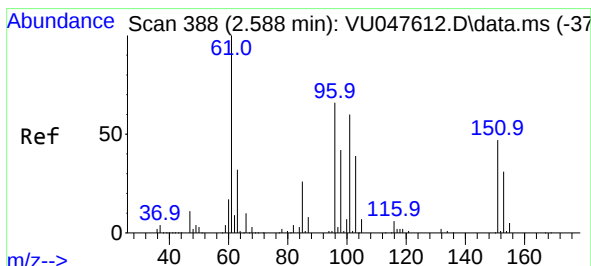
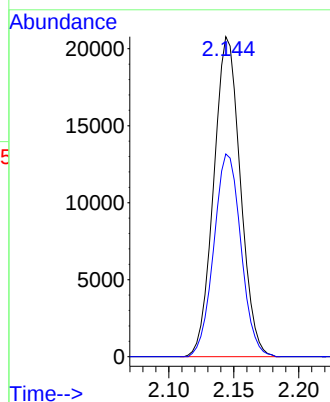
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



Tgt Ion:101 Resp: 2962
Ion Ratio Lower Upper
101 100
103 63.3 52.2 78.2

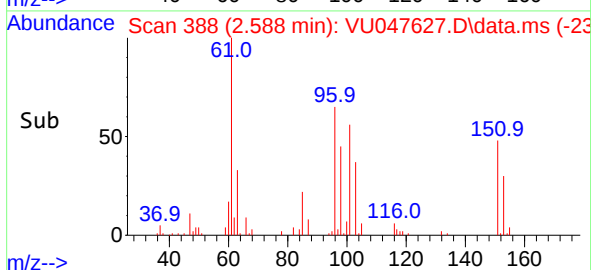
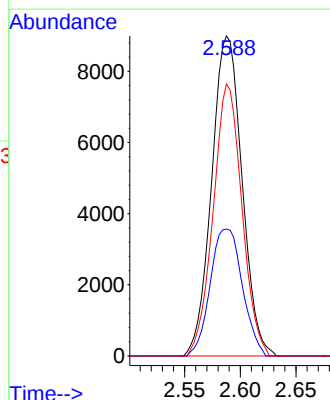
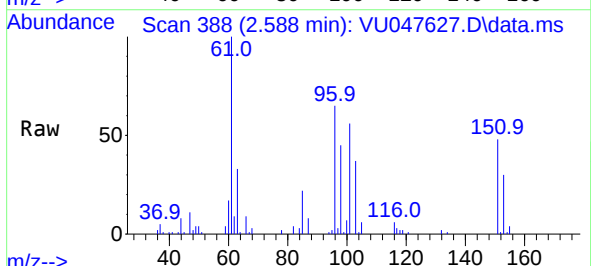
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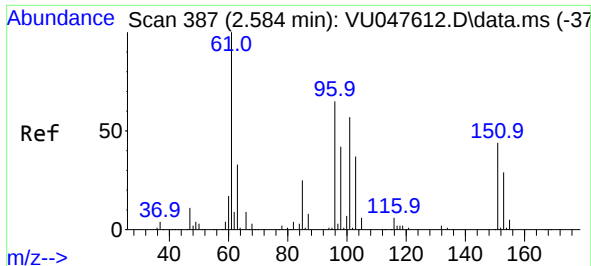
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.080 ug/l
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

Tgt Ion:101 Resp: 17075
Ion Ratio Lower Upper
101 100
85 41.8 35.8 53.6
151 80.3 54.6 81.8





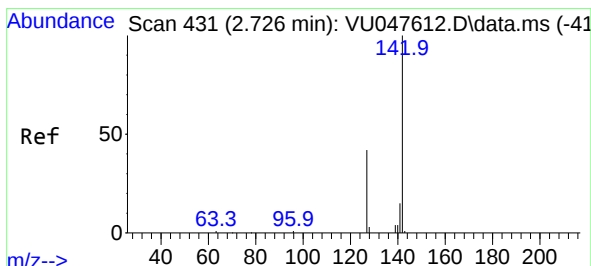
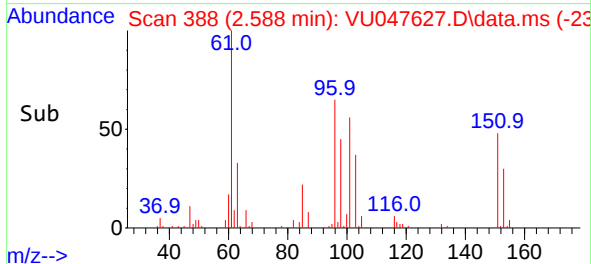
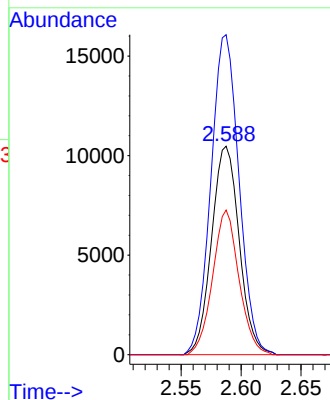
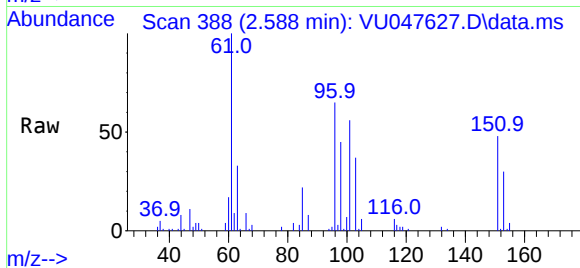
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1,1-Dichloroethene
Concen: 2.074 ug/l
RT: 2.588 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 96 Resp: 16820
Ion Ratio Lower Upper
96 100
61 153.5 0.0 514.2
98 69.3 0.0 126.4

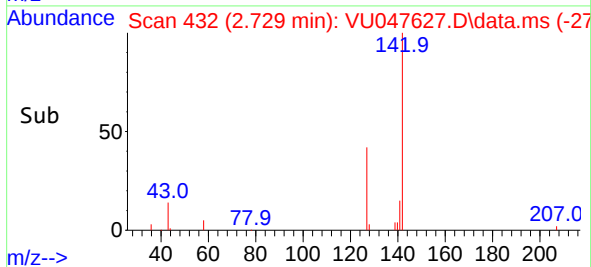
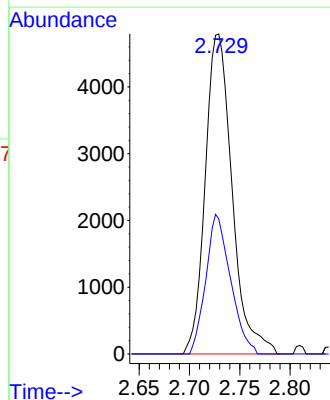
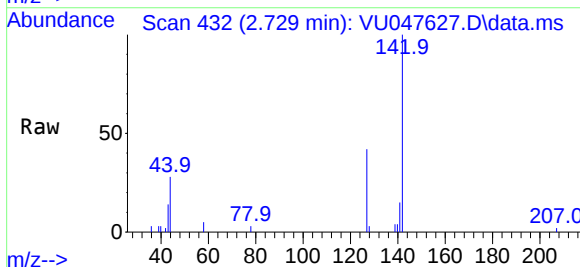
Manual Integrations
APPROVED

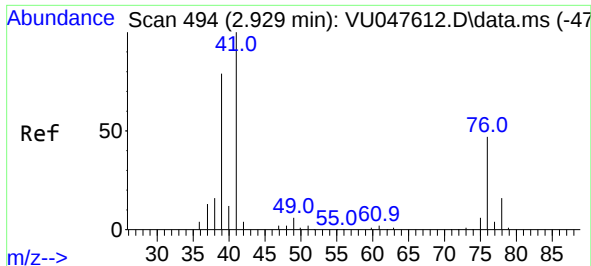
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#10
Iodomethane
Concen: 2.972 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

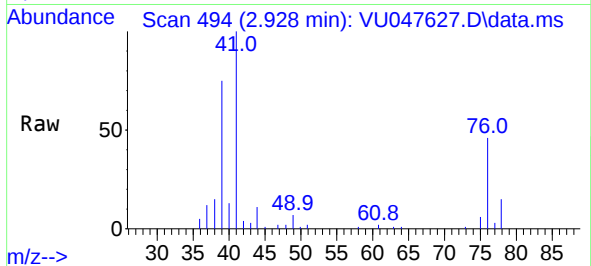
Tgt Ion:142 Resp: 8914
Ion Ratio Lower Upper
142 100
127 40.0 33.2 49.8





#11
 Allyl Chloride
 Concen: 2.227 ug/l
 RT: 2.928 min Scan# 494
 Delta R.T. -0.000 min
 Lab File: VU047627.D
 Acq: 21 Mar 2022 12:09

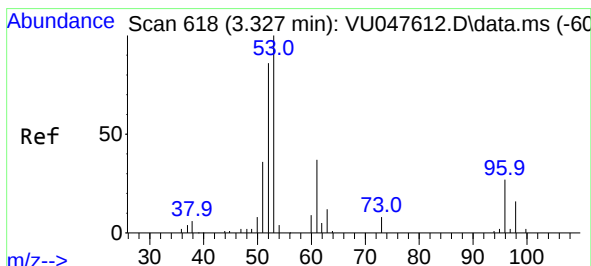
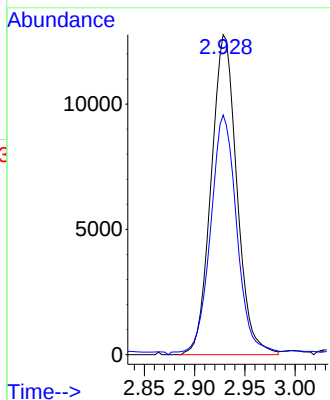
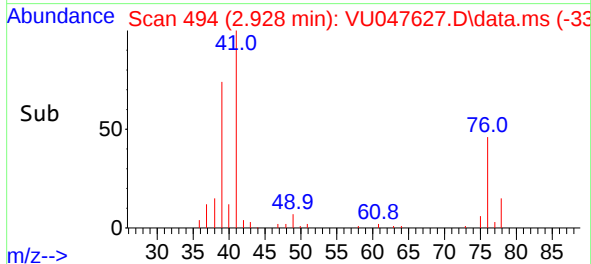
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0321WBSD01



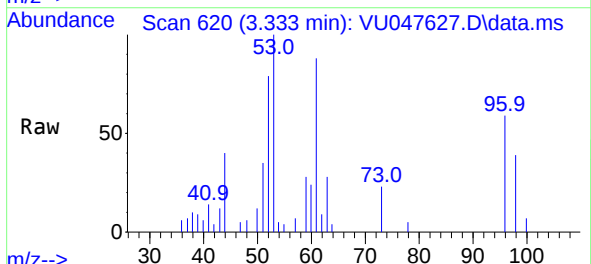
Tgt Ion: 41 Resp: 22719
 Ion Ratio Lower Upper
 41 100
 39 77.1 62.4 93.6

Manual Integrations
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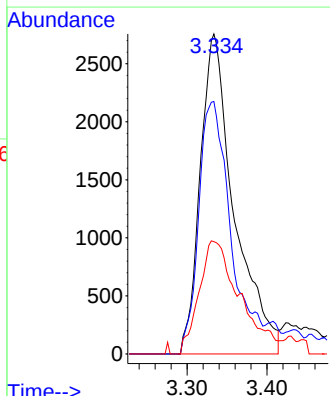
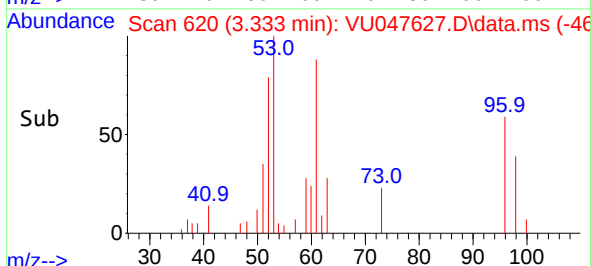
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 04/01/2022

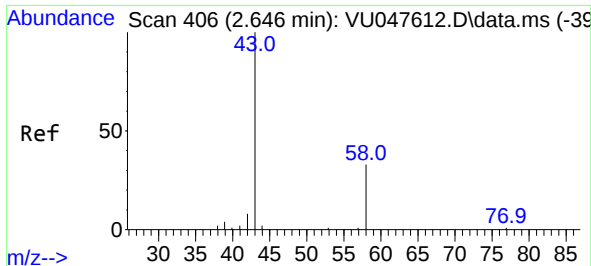


#12
 Acrylonitrile
 Concen: 4.558 ug/l
 RT: 3.333 min Scan# 620
 Delta R.T. 0.006 min
 Lab File: VU047627.D
 Acq: 21 Mar 2022 12:09



Tgt Ion: 53 Resp: 8161
 Ion Ratio Lower Upper
 53 100
 52 75.1 56.7 85.1
 51 42.2 30.3 45.5





#13

Acetone

Concen: 10.131 ug/l

RT: 2.655 min Scan# 409

Delta R.T. 0.010 min

Lab File: VU047627.D

Acq: 21 Mar 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VU0321WBSD01

Tgt Ion: 43 Resp: 12338

Ion Ratio Lower Upper

43 100

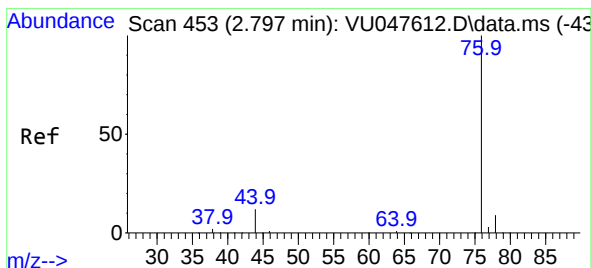
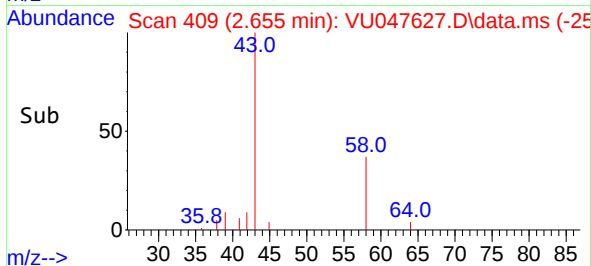
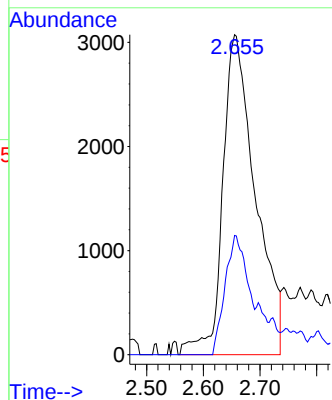
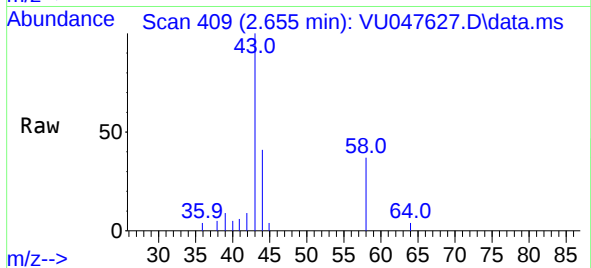
58 37.3 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#14

Carbon Disulfide

Concen: 2.116 ug/l

RT: 2.800 min Scan# 454

Delta R.T. 0.003 min

Lab File: VU047627.D

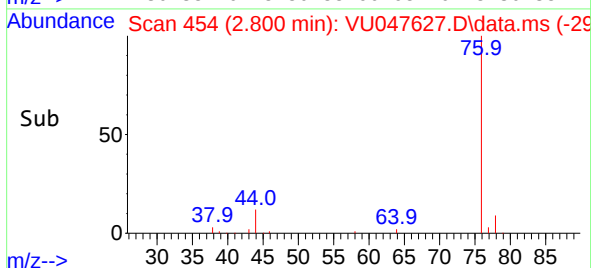
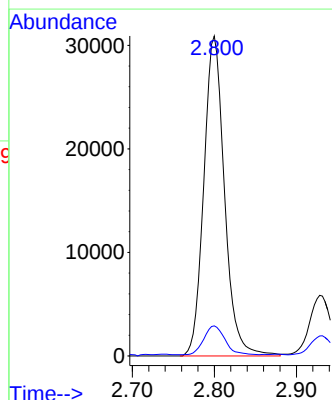
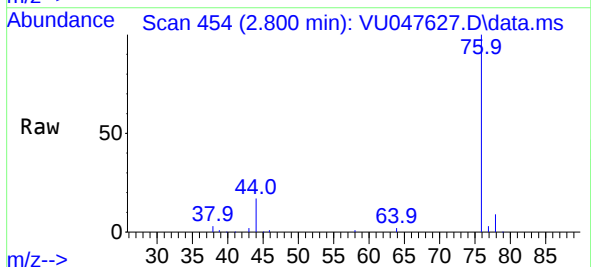
Acq: 21 Mar 2022 12:09

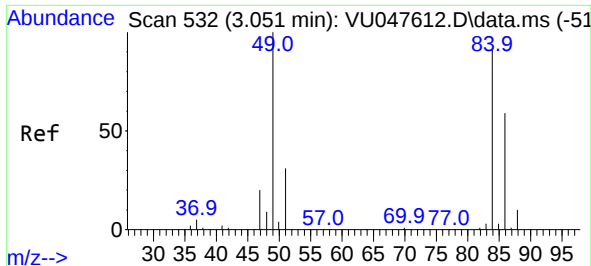
Tgt Ion: 76 Resp: 54261

Ion Ratio Lower Upper

76 100

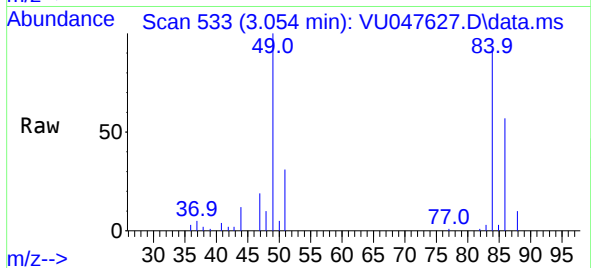
78 9.0 7.1 10.7





#15
Methylene Chloride
Concen: 1.751 ug/l
RT: 3.054 min Scan# 511
Delta R.T. 0.003 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

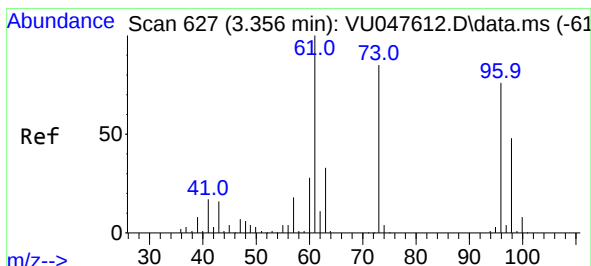
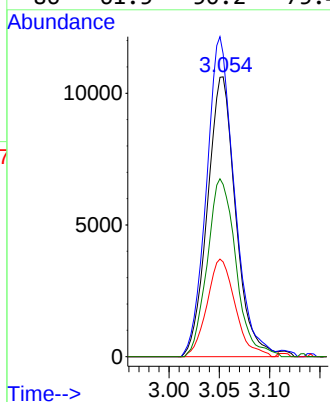
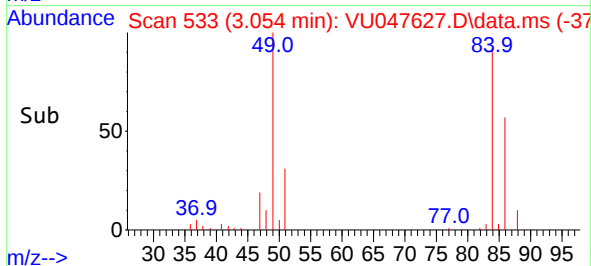
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



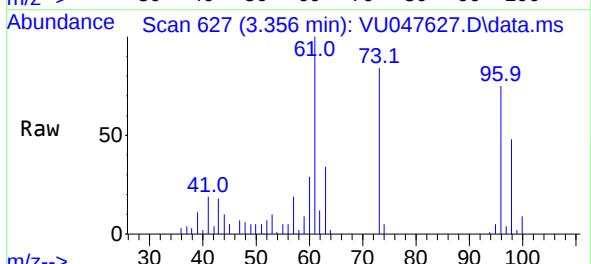
Tgt Ion: 84 Resp: 2074
Ion Ratio Lower Upper
84 100
49 108.2 97.2 145.8
51 33.8 0.0 73.4
86 61.5 50.2 75.4

Manual Integrations
APPROVED

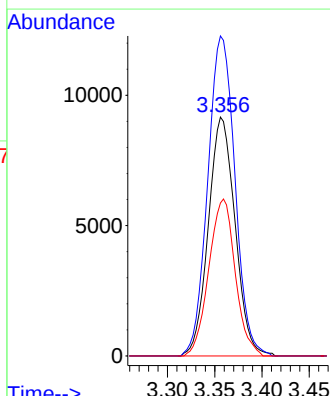
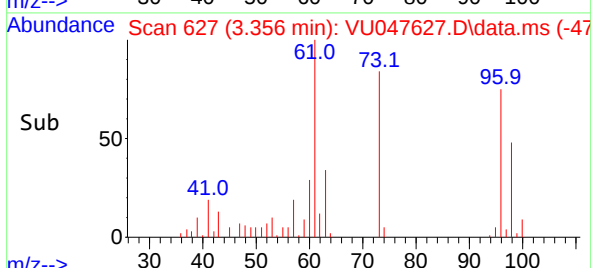
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

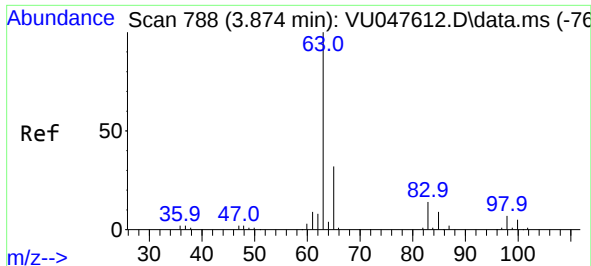


#16
trans-1,2-Dichloroethene
Concen: 2.114 ug/l
RT: 3.356 min Scan# 627
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09



Tgt Ion: 96 Resp: 18040
Ion Ratio Lower Upper
96 100
61 134.0 115.8 173.6
98 64.0 51.1 76.7





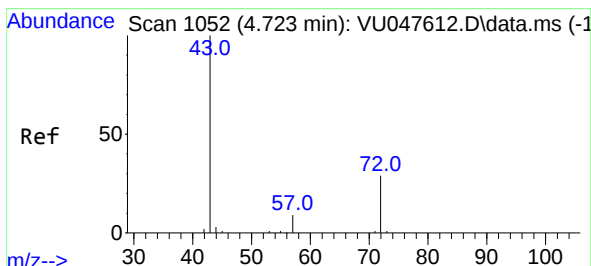
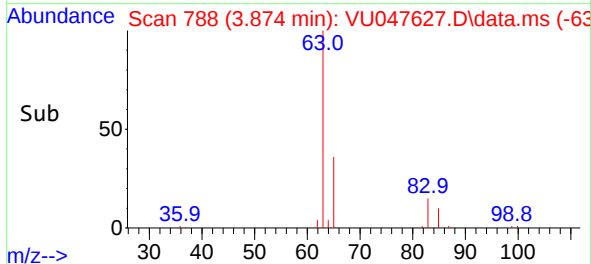
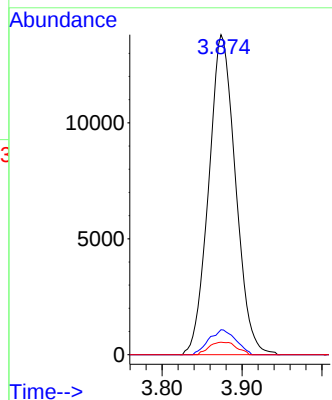
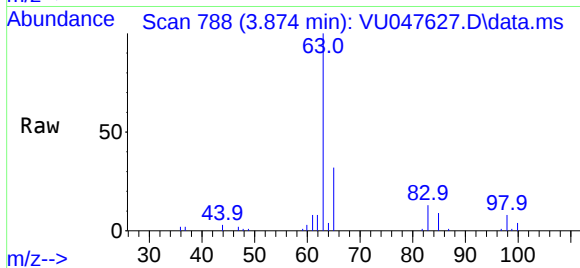
#17
1,1-Dichloroethane
Concen: 2.221 ug/l
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

Instrument : MSVOA_U
ClientSampleId : VU0321WBSD01

Tgt Ion: 63 Resp: 32150
Ion Ratio Lower Upper
63 100
98 7.8 3.6 10.8
100 3.9 2.1 6.5

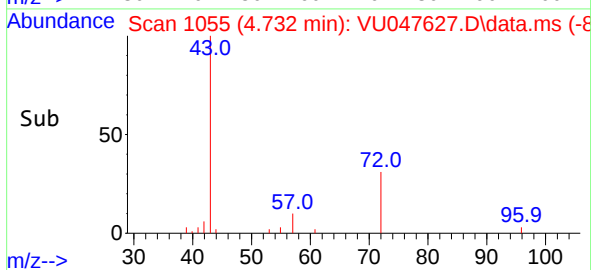
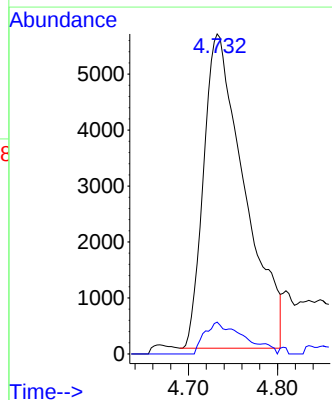
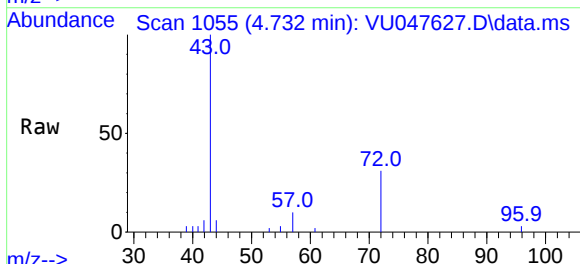
Manual Integrations
APPROVED

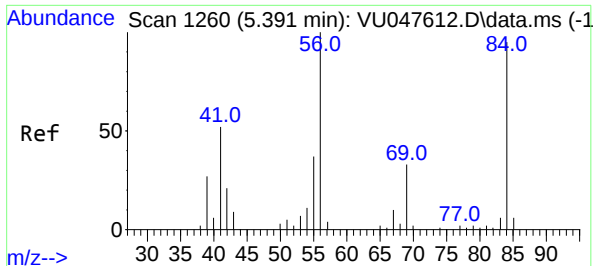
Reviewed By : John Carlone 03/22/2022
Supervised By : Mahesh Dadoda 04/01/2022



#18
2-Butanone
Concen: 9.408 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. 0.010 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

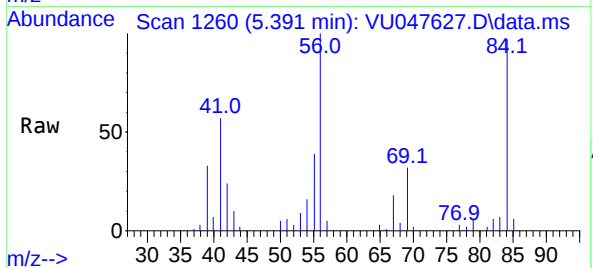
Tgt Ion: 43 Resp: 17845
Ion Ratio Lower Upper
43 100
57 10.1 0.0 16.6





#19
Cyclohexane
Concen: 2.088 ug/l m
RT: 5.391 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

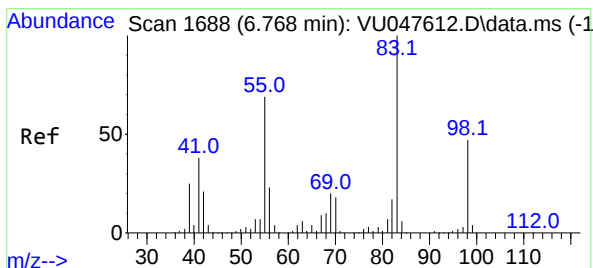
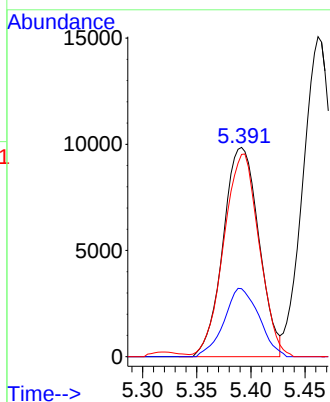
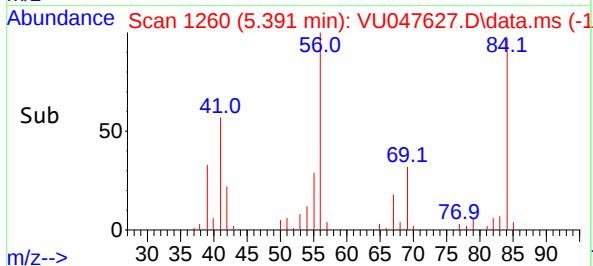
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



Tgt Ion: 56 Resp: 2268
Ion Ratio Lower Upper
56 100
69 31.9 24.7 37.1
84 94.6 68.8 103.2

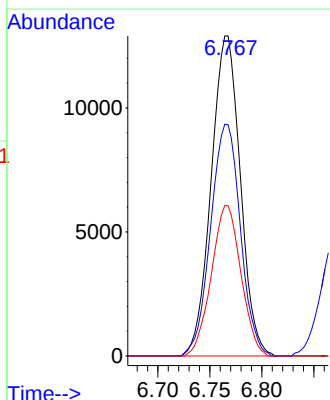
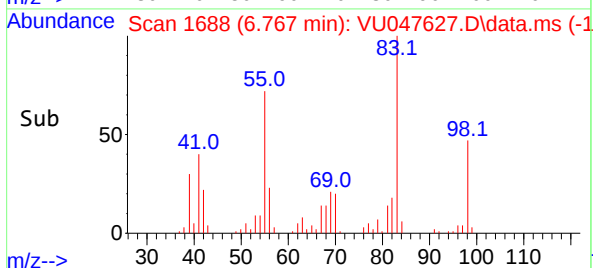
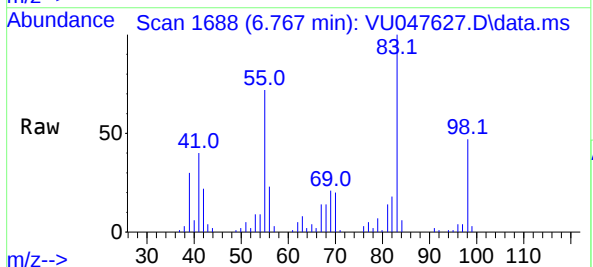
Manual Integrations
APPROVED

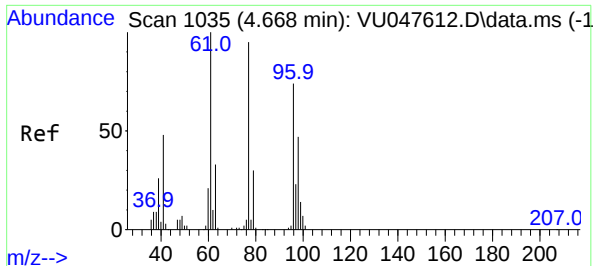
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#20
Methylcyclohexane
Concen: 2.018 ug/l
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

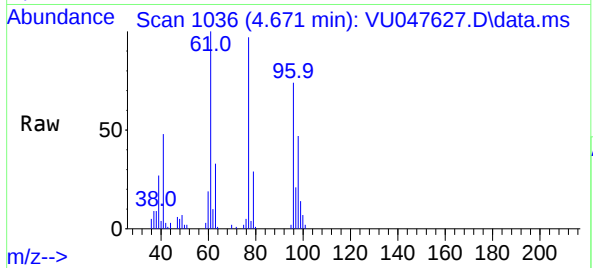
Tgt Ion: 83 Resp: 25146
Ion Ratio Lower Upper
83 100
55 74.0 61.9 92.9
98 47.6 37.4 56.2





#21
2,2-Dichloropropane
Concen: 2.164 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

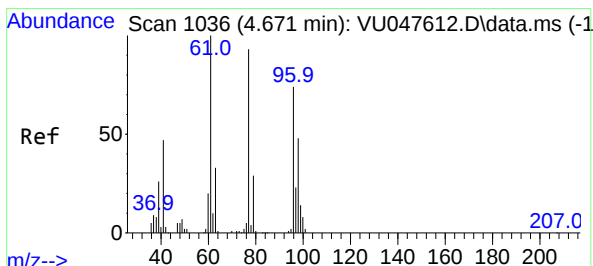
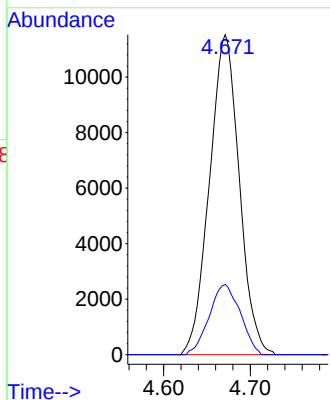
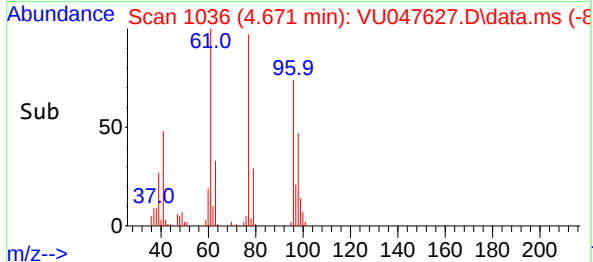
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



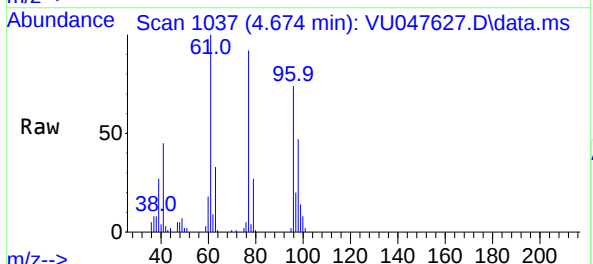
Tgt Ion: 77 Resp: 27552
Ion Ratio Lower Upper
77 100
97 22.8 17.2 25.8

Manual Integrations
APPROVED

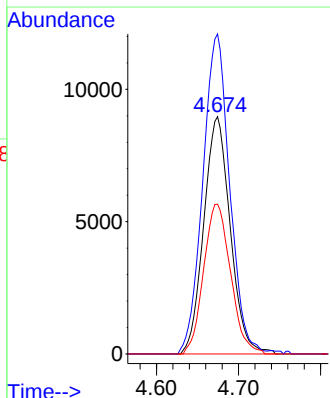
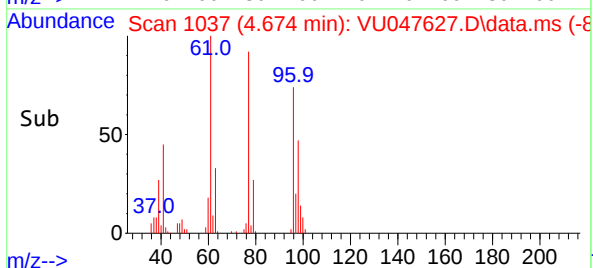
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

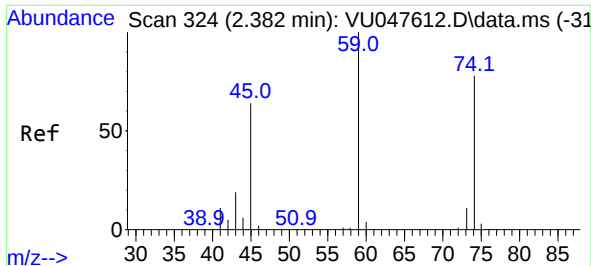


#22
cis-1,2-Dichloroethene
Concen: 2.174 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09



Tgt Ion: 96 Resp: 20147
Ion Ratio Lower Upper
96 100
61 136.4 0.0 385.3
98 64.0 32.1 96.3





#23

Diethyl Ether

Concen: 2.121 ug/l

RT: 2.382 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU047627.D

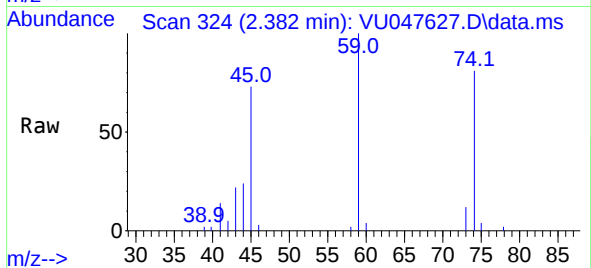
Acq: 21 Mar 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VU0321WBSD01



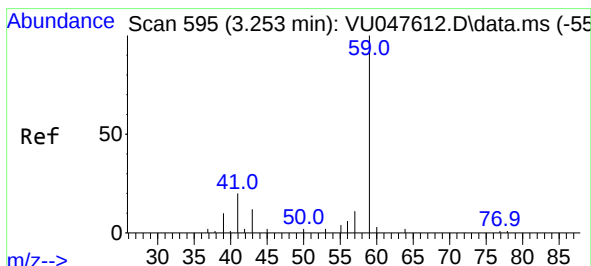
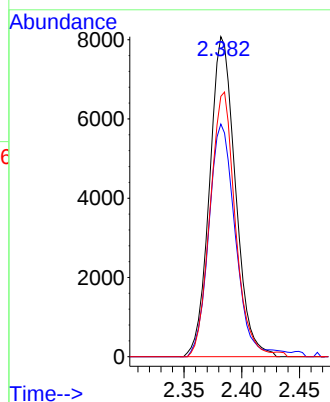
Tgt Ion:	59	Resp:	1257
Ion Ratio	100	Lower	Upper
59	100		
45	75.0	55.6	83.4
74	80.6	58.1	87.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#24

tert-Butyl Alcohol

Concen: 13.568 ug/l m

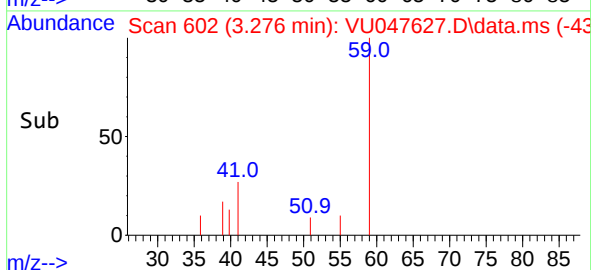
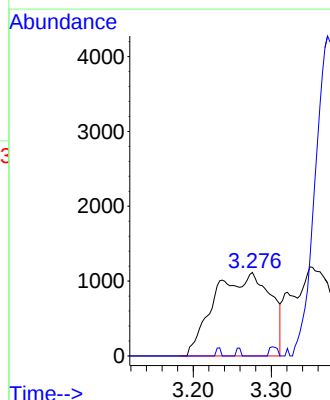
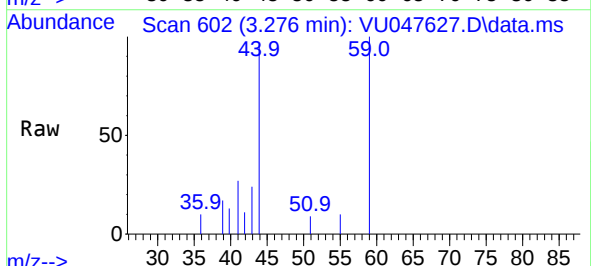
RT: 3.276 min Scan# 602

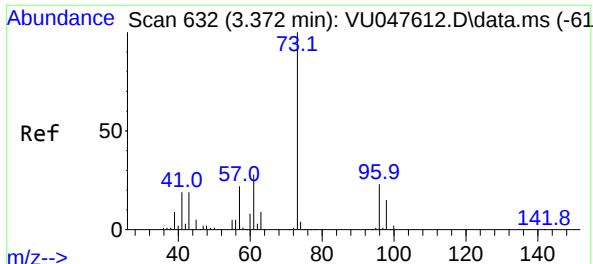
Delta R.T. 0.023 min

Lab File: VU047627.D

Acq: 21 Mar 2022 12:09

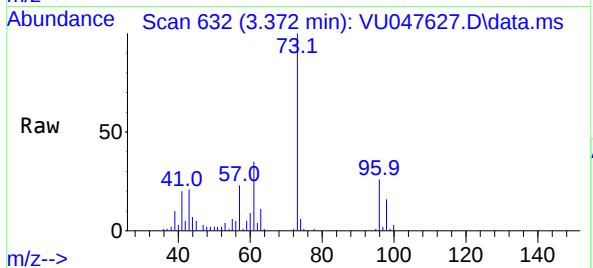
Tgt Ion:	59	Resp:	5548
Ion Ratio	100	Lower	Upper
59	100		
57	0.0	6.5	9.7#





#25
Methyl tert-Butyl Ether
Concen: 2.215 ug/l
RT: 3.372 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

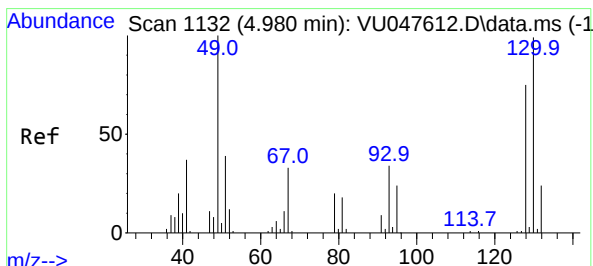
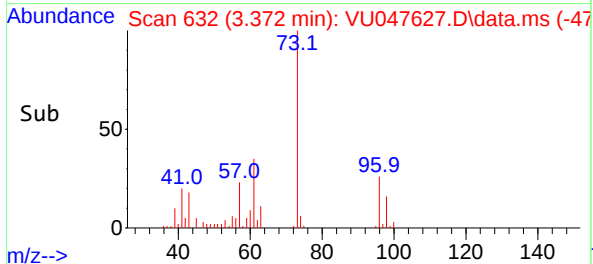
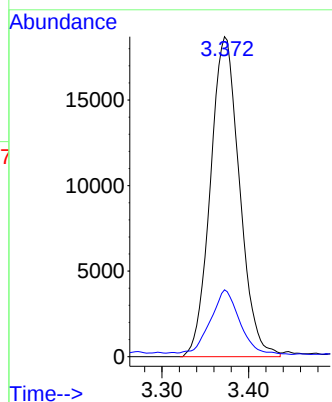
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



Tgt Ion: 73 Resp: 4374
Ion Ratio Lower Upper
73 100
43 20.2 16.3 24.5

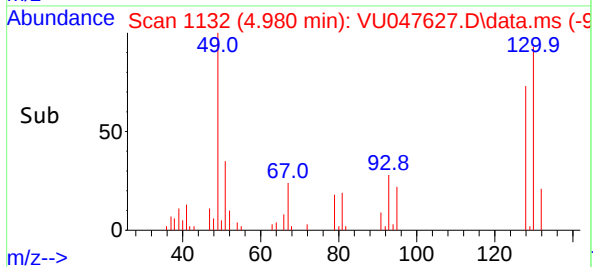
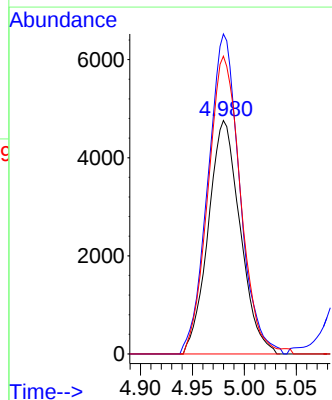
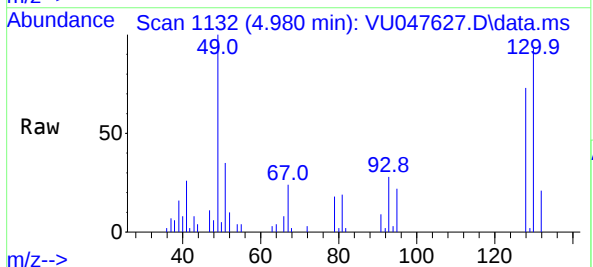
Manual Integrations
APPROVED

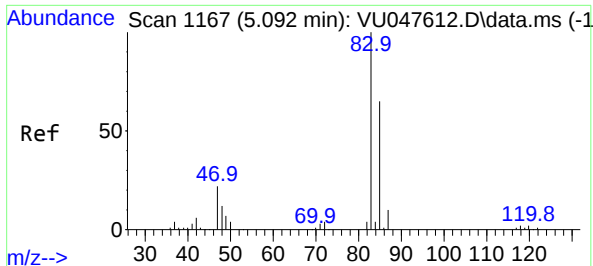
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#26
Bromochloromethane
Concen: 2.168 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

Tgt Ion:128 Resp: 10161
Ion Ratio Lower Upper
128 100
49 136.1 0.0 347.4
130 129.5 101.5 152.3





#27

Chloroform

Concen: 2.223 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047627.D

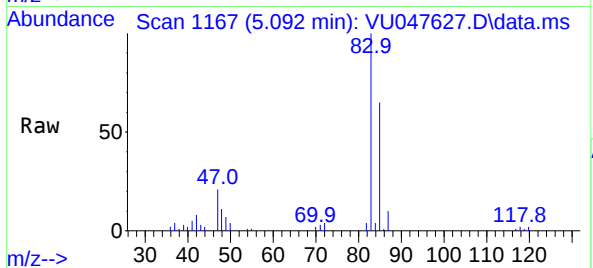
Acq: 21 Mar 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VU0321WBSD01



Tgt Ion: 83 Resp: 3479

Ion Ratio Lower Upper

83 100

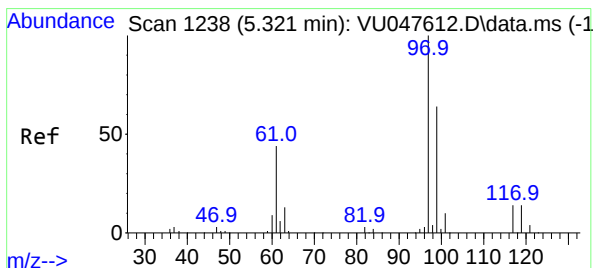
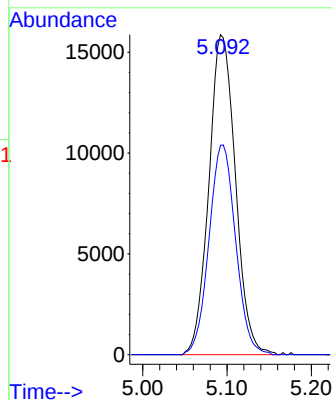
85 65.4 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#28

1,1,1-Trichloroethane

Concen: 2.149 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047627.D

Acq: 21 Mar 2022 12:09

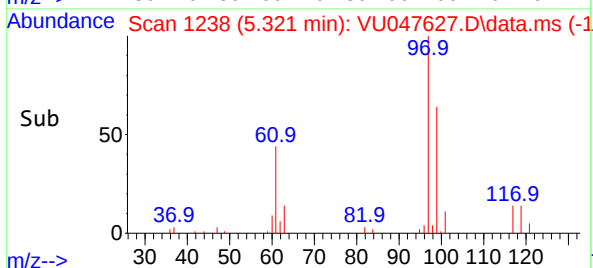
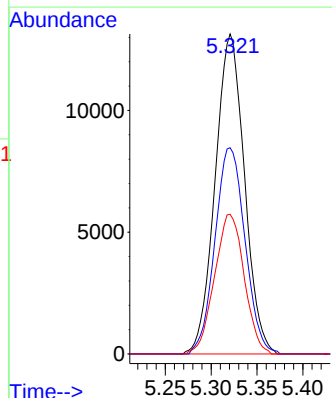
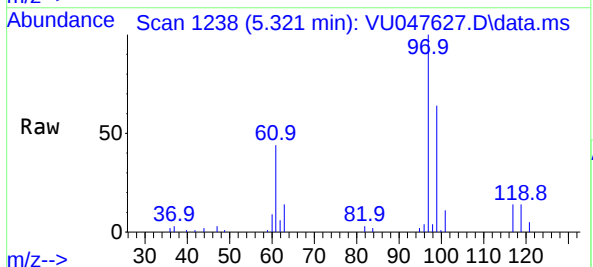
Tgt Ion: 97 Resp: 29203

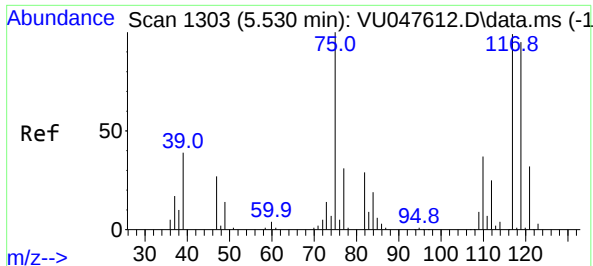
Ion Ratio Lower Upper

97 100

99 66.1 32.2 96.6

61 44.2 24.5 73.5





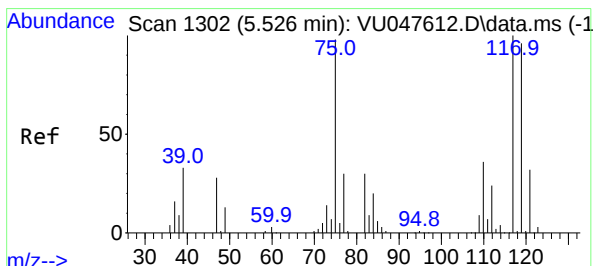
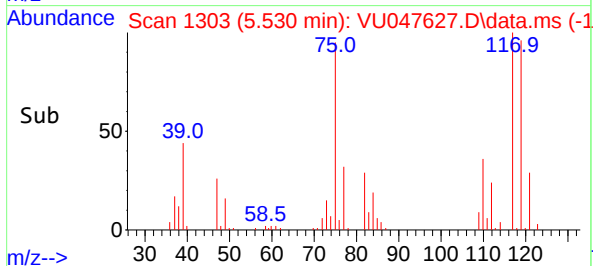
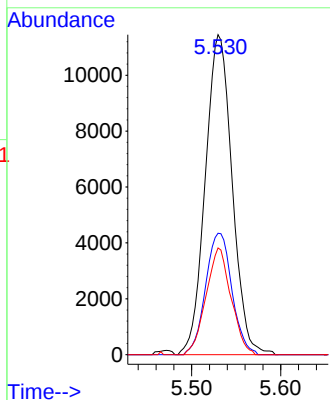
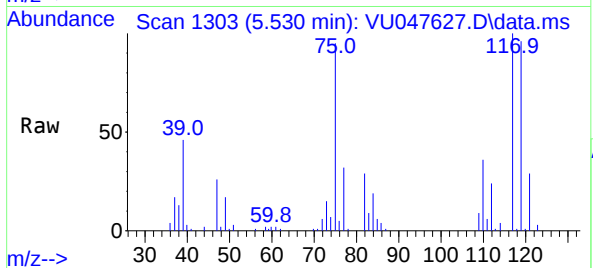
#29
1,1-Dichloropropene
Concen: 2.179 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01

Tgt Ion: 75 Resp: 23998
Ion Ratio Lower Upper
75 100
110 37.1 16.8 50.3
77 31.1 24.7 37.1

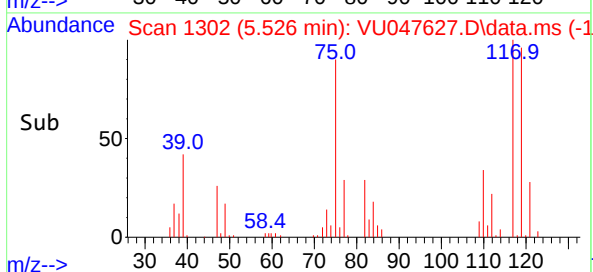
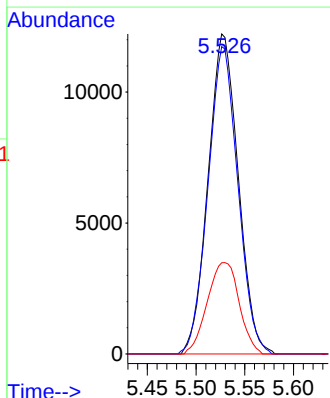
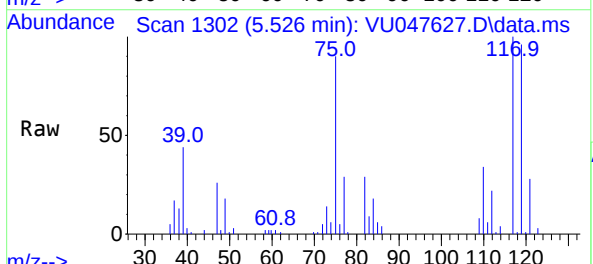
Manual Integrations
APPROVED

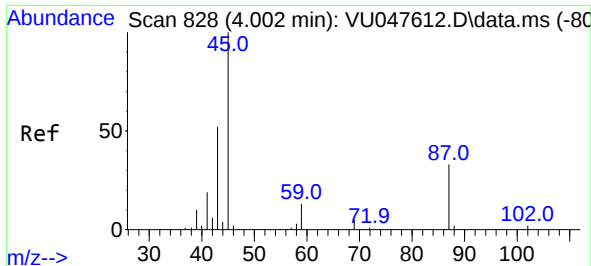
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#30
Carbon Tetrachloride
Concen: 2.165 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

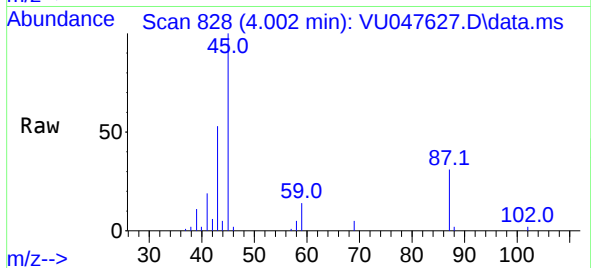
Tgt Ion:117 Resp: 26221
Ion Ratio Lower Upper
117 100
119 96.1 76.8 115.2
121 28.5 24.6 37.0





#31
Isopropyl Ether
Concen: 2.308 ug/l
RT: 4.002 min Scan# 828
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

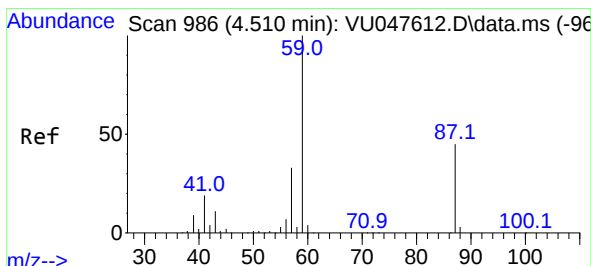
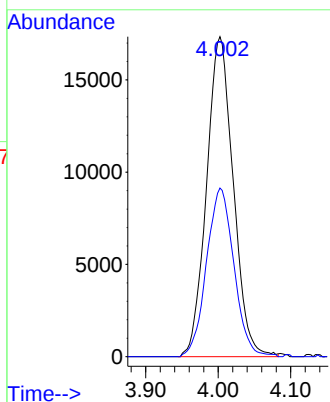
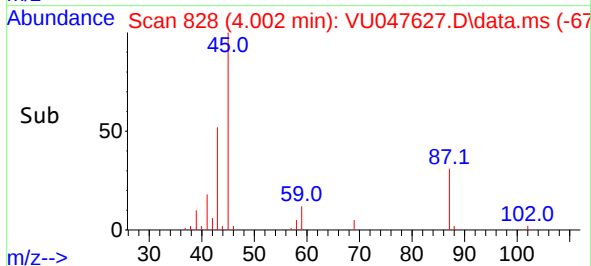
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



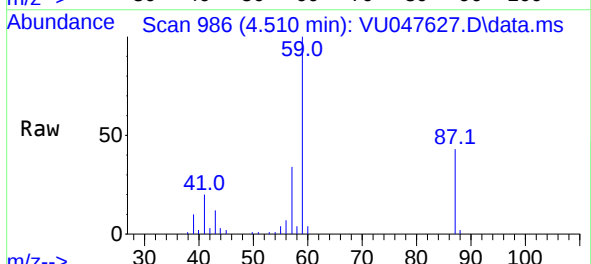
Tgt Ion: 45 Resp: 44379
Ion Ratio Lower Upper
45 100
43 54.1 25.3 75.8

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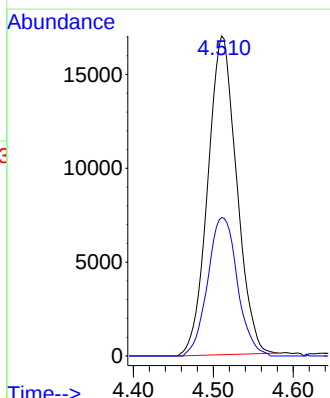
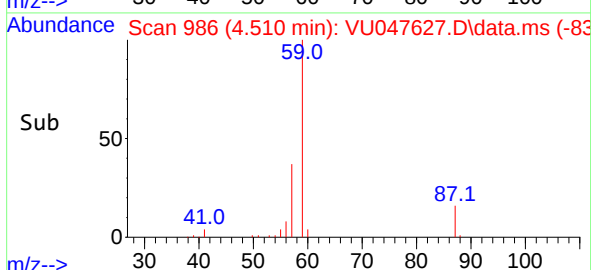
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

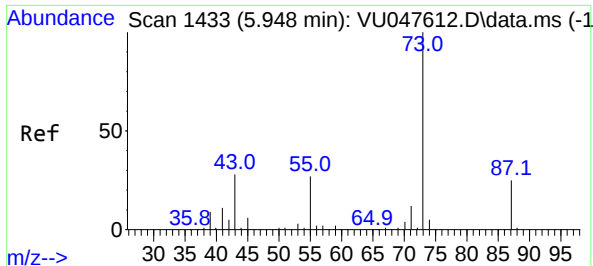


#32
Ethyl-t-butyl ether
Concen: 2.191 ug/l
RT: 4.510 min Scan# 986
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09



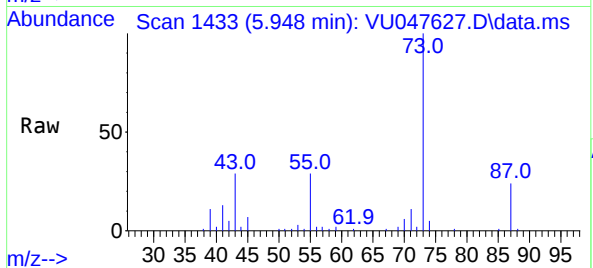
Tgt Ion: 59 Resp: 42526
Ion Ratio Lower Upper
59 100
87 44.8 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 2.180 ug/l
RT: 5.948 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

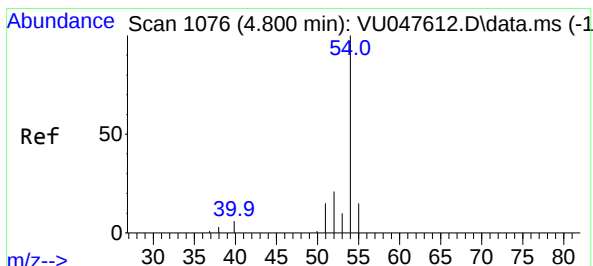
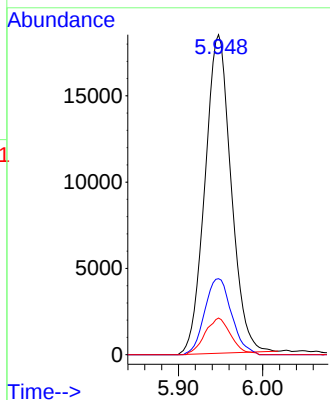
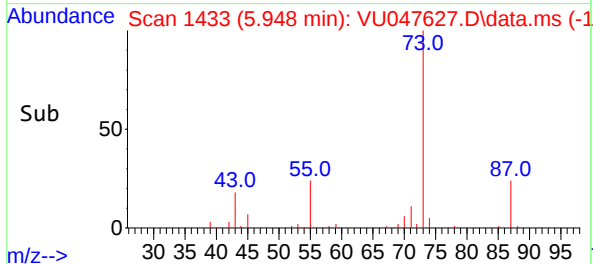
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



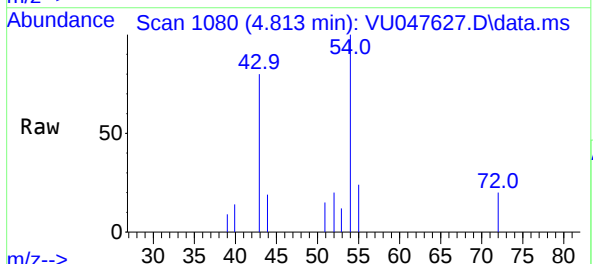
Tgt Ion: 73 Resp: 39762
Ion Ratio Lower Upper
73 100
87 24.6 18.6 28.0
71 11.5 9.0 13.6

Manual Integrations
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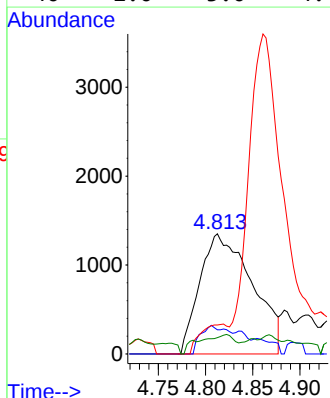
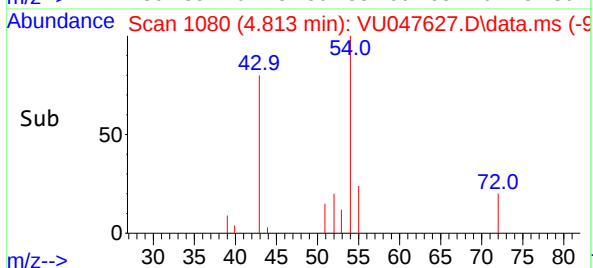
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

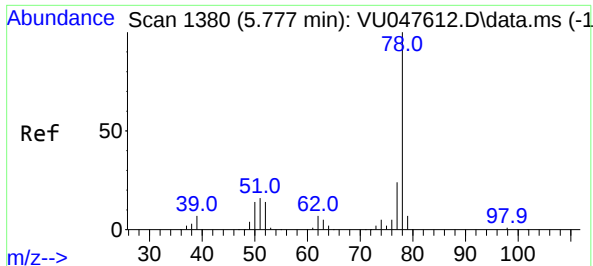


#34
Propionitrile
Concen: 9.184 ug/l
RT: 4.813 min Scan# 1080
Delta R.T. 0.013 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09



Tgt Ion: 54 Resp: 5219
Ion Ratio Lower Upper
54 100
52 12.4 11.9 17.9
55 13.3 8.0 12.0#
40 2.0 3.0 4.4#





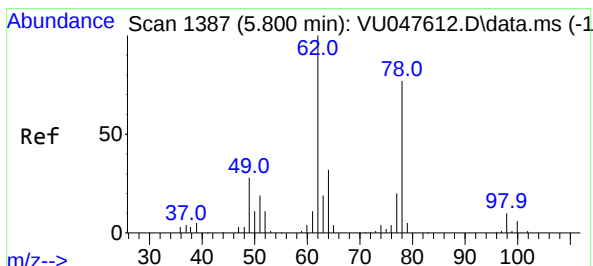
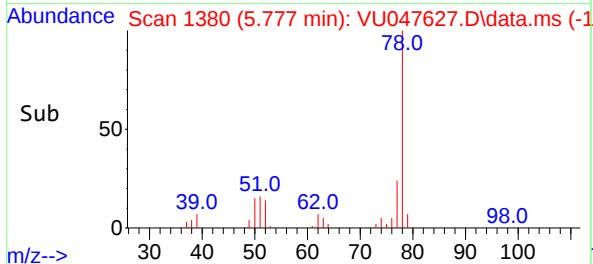
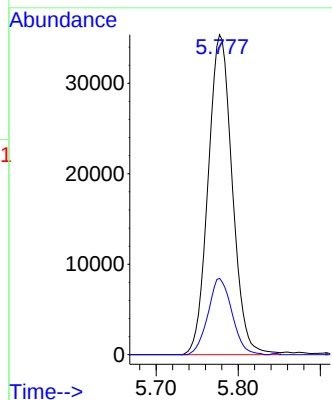
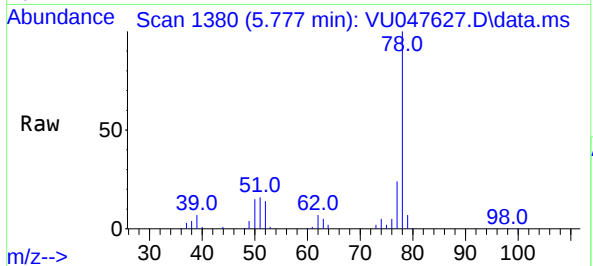
#35
Benzene
Concen: 2.192 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01

Tgt Ion: 78 Resp: 72234
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

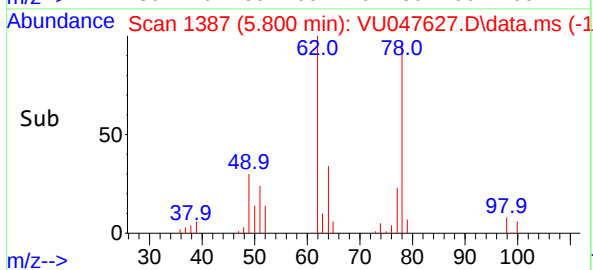
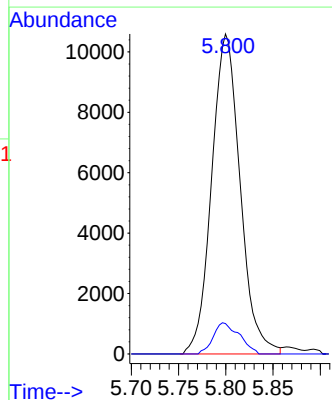
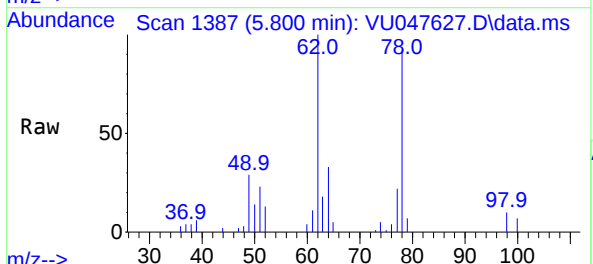
Manual Integrations
APPROVED

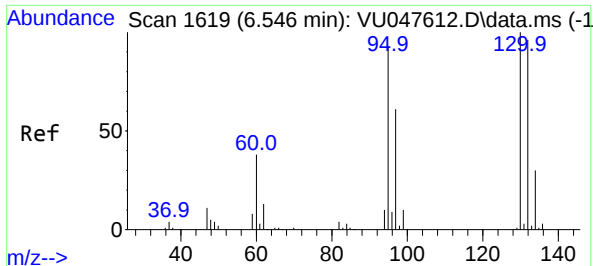
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#36
1,2-Dichloroethane
Concen: 2.226 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

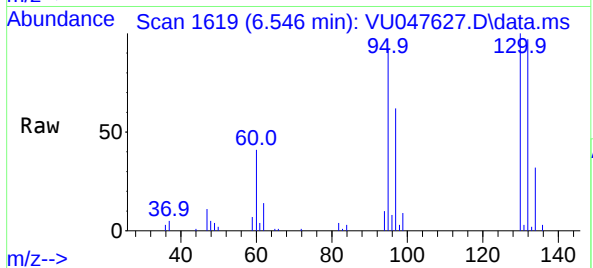
Tgt Ion: 62 Resp: 22193
Ion Ratio Lower Upper
62 100
98 8.9 7.3 10.9





#37
Trichloroethene
Concen: 2.155 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

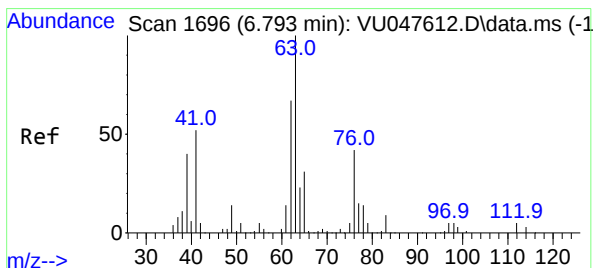
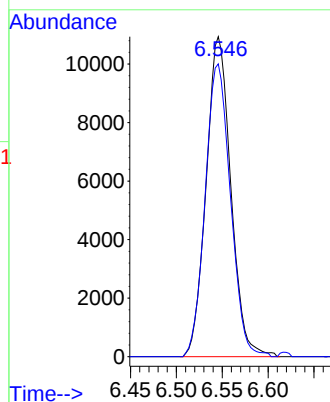
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



Tgt Ion:130 Resp: 2052
Ion Ratio Lower Upper
130 100
95 91.5 83.8 125.8

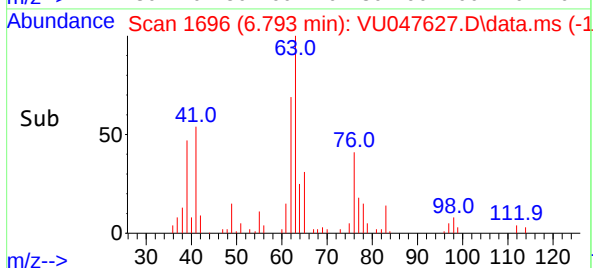
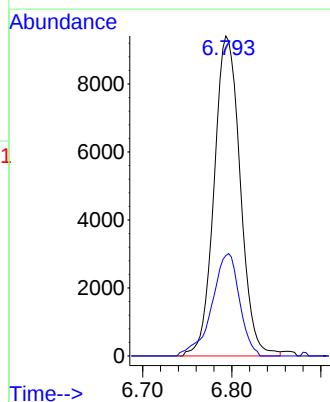
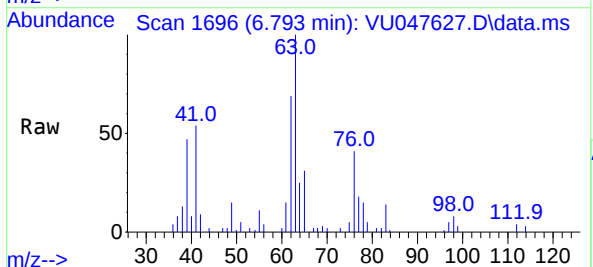
Manual Integrations
APPROVED

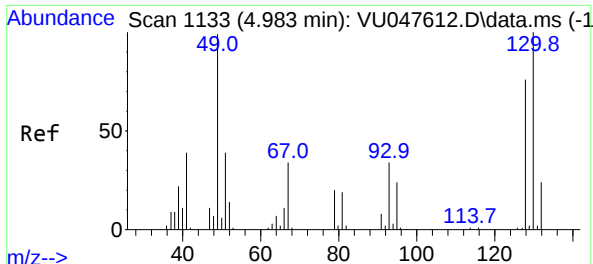
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#38
1,2-Dichloropropane
Concen: 2.259 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

Tgt Ion: 63 Resp: 19172
Ion Ratio Lower Upper
63 100
65 31.4 24.7 37.1





#39

Methacrylonitrile

Concen: 2.255 ug/l

RT: 4.989 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VU047627.D

Acq: 21 Mar 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VU0321WBSD01

Tgt Ion: 41 Resp: 5358

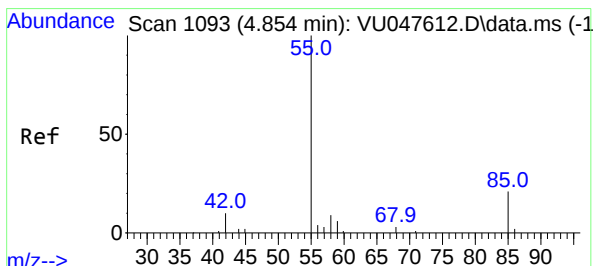
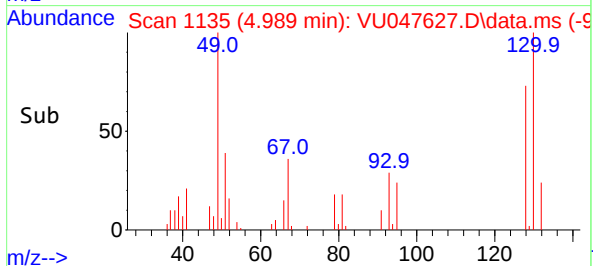
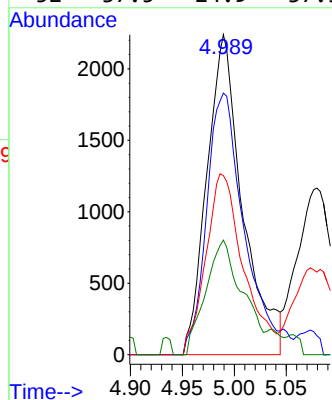
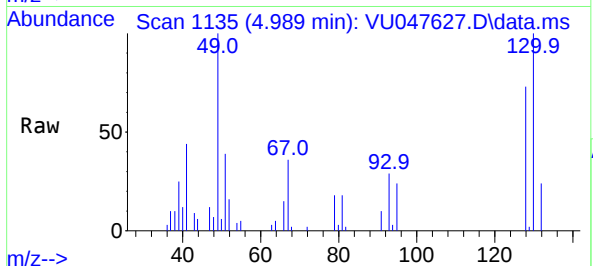
Ion	Ratio	Lower	Upper
41	100		
67	86.9	65.2	97.8
39	59.6	43.0	64.6
52	37.5	24.9	37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#40

Methyl acrylate

Concen: 2.158 ug/l

RT: 4.861 min Scan# 1095

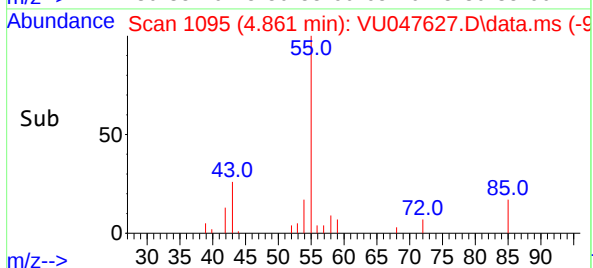
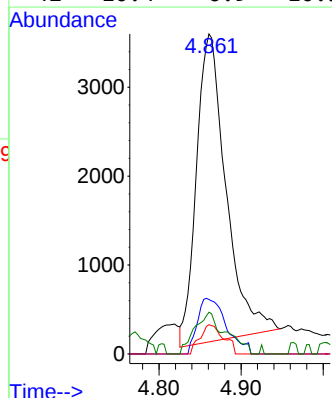
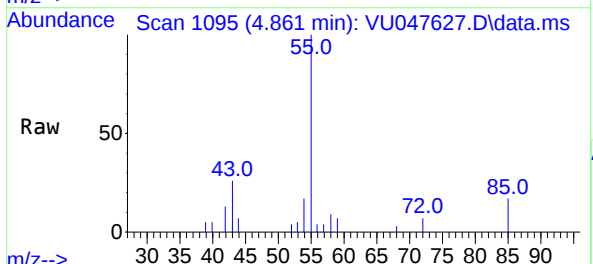
Delta R.T. 0.006 min

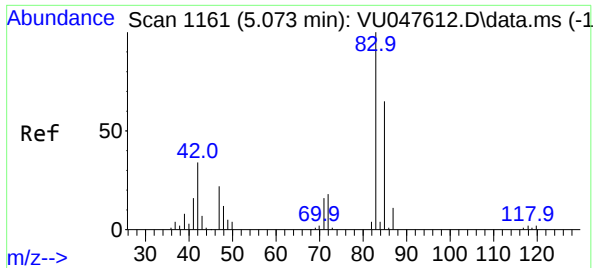
Lab File: VU047627.D

Acq: 21 Mar 2022 12:09

Tgt Ion: 55 Resp: 8666

Ion	Ratio	Lower	Upper
55	100		
85	17.6	12.2	18.2
58	7.5	6.7	10.1
42	10.4	6.9	10.3





#41

Tetrahydrofuran

Concen: 3.748 ug/l

RT: 5.079 min Scan# 1161

Delta R.T. 0.006 min

Lab File: VU047627.D

Acq: 21 Mar 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VU0321WBSD01

Tgt Ion: 42 Resp: 4519

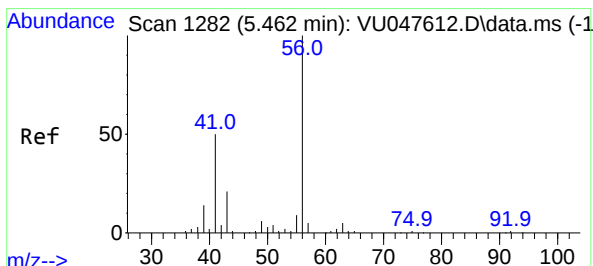
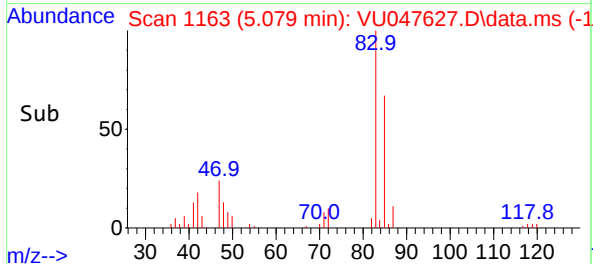
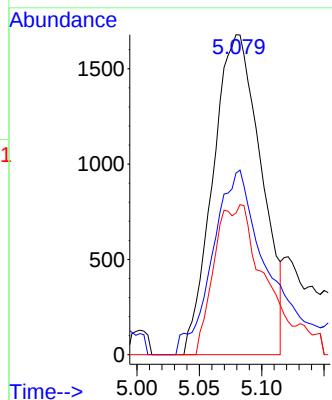
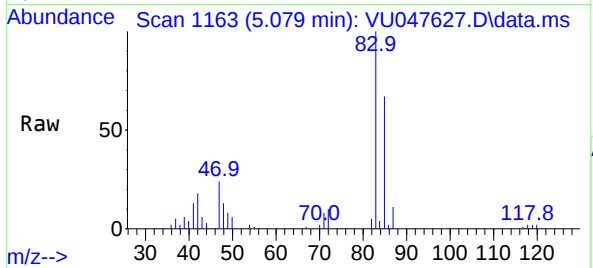
Ion	Ratio	Lower	Upper
42	100		
72	66.3	42.4	63.6
71	19.2	36.4	54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#42

1-Chlorobutane

Concen: 2.147 ug/l

RT: 5.462 min Scan# 1282

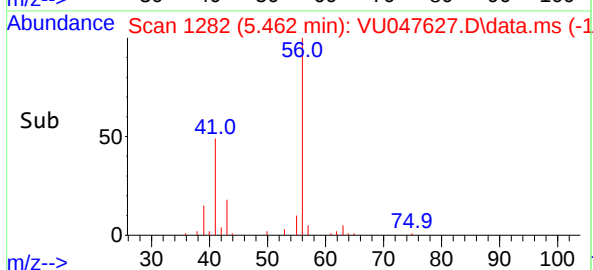
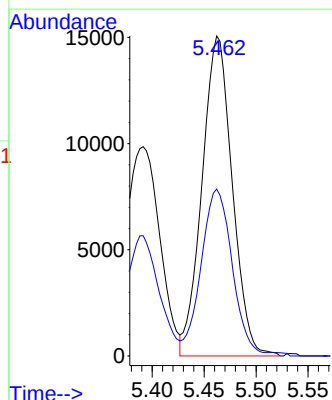
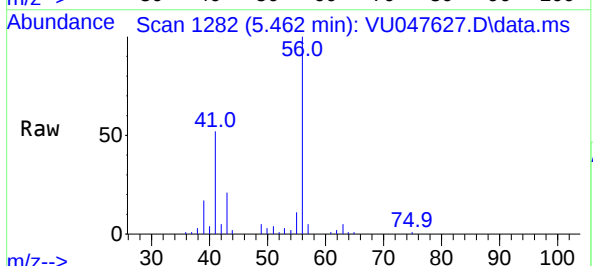
Delta R.T. -0.000 min

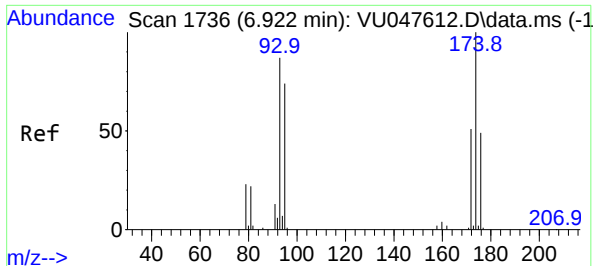
Lab File: VU047627.D

Acq: 21 Mar 2022 12:09

Tgt Ion: 56 Resp: 30478

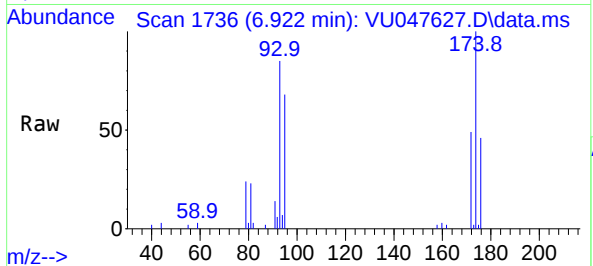
Ion	Ratio	Lower	Upper
56	100		
41	51.7	26.0	78.0





#43
Dibromomethane
Concen: 2.184 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

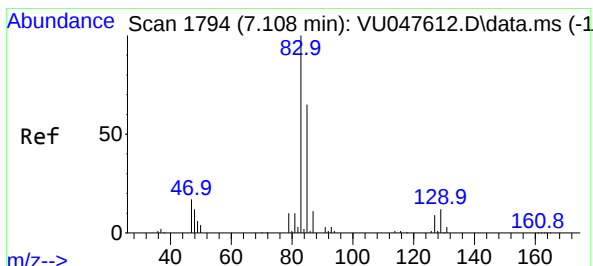
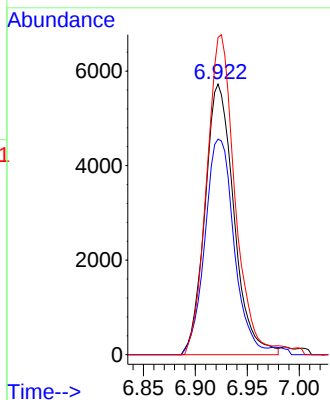
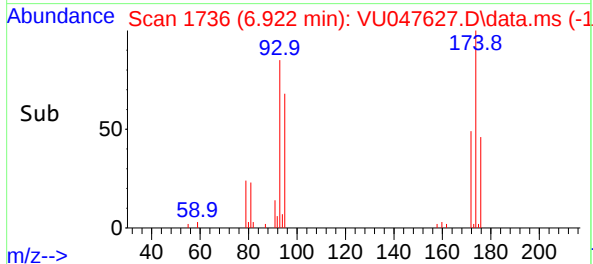
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



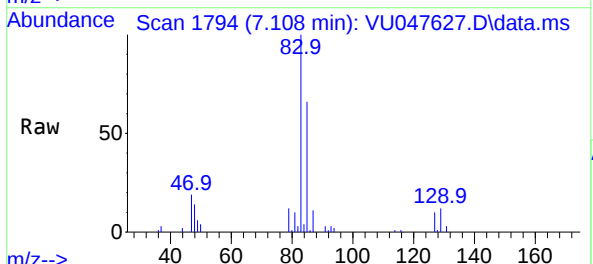
Tgt Ion: 93 Resp: 11110
Ion Ratio Lower Upper
93 100
95 80.0 66.2 99.2
174 116.4 70.7 106.1

Manual Integrations
APPROVED

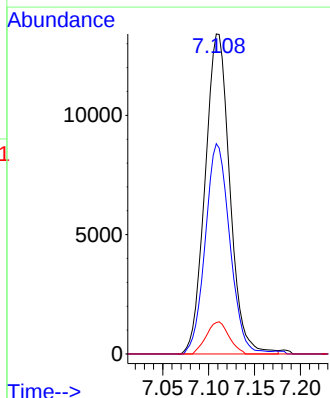
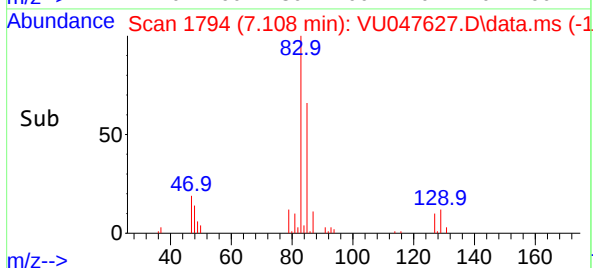
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

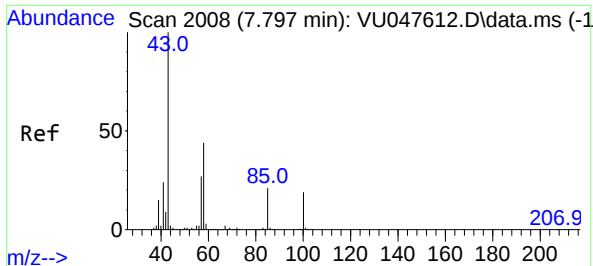


#44
Bromodichloromethane
Concen: 2.130 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09



Tgt Ion: 83 Resp: 25129
Ion Ratio Lower Upper
83 100
85 65.7 50.9 76.3
127 9.8 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 11.778 ug/l

RT: 7.800 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU047627.D

Acq: 21 Mar 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VU0321WBSD01

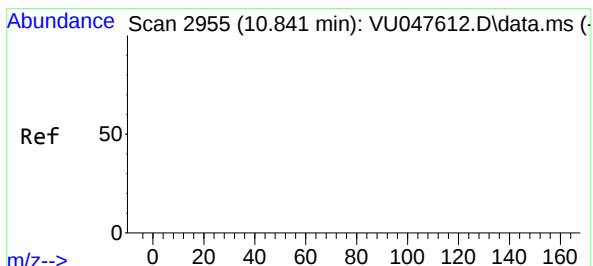
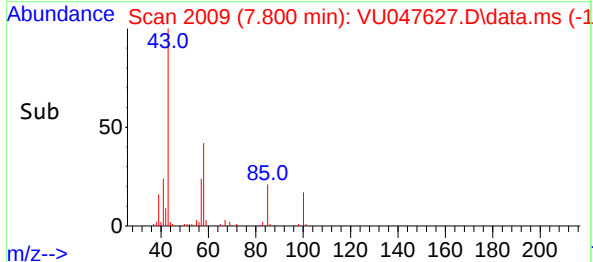
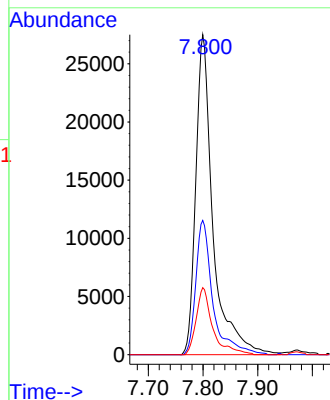
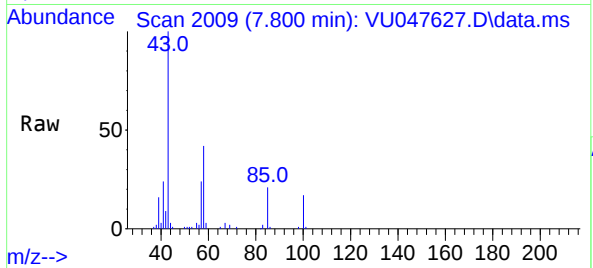
Tgt Ion:	43	Resp:	59894
Ion	Ratio	Lower	Upper
43	100		
58	41.8	21.0	63.0
85	20.2	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#46

t-1,4-Dichloro-2-butene

Concen: 4.305 ug/l m

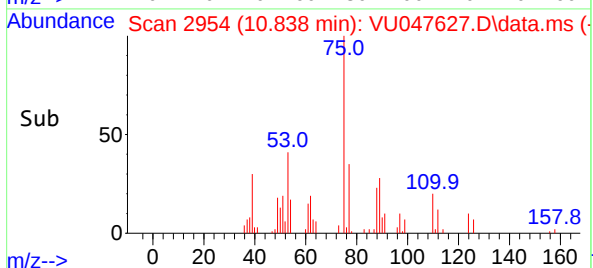
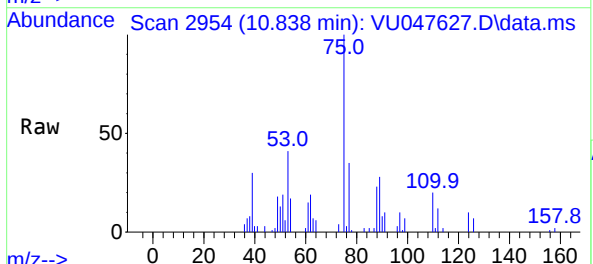
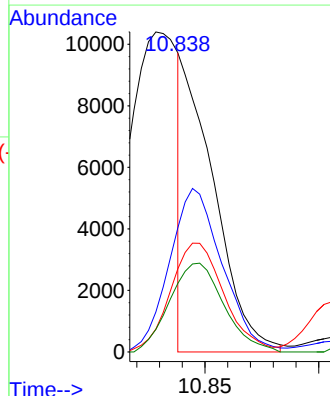
RT: 10.838 min Scan# 2954

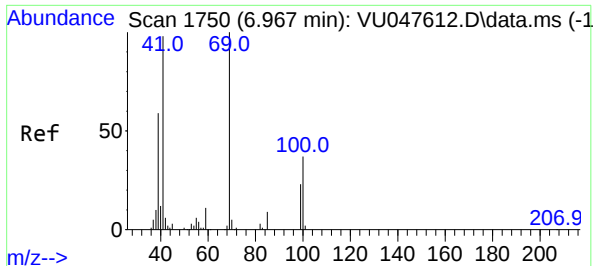
Delta R.T. -0.003 min

Lab File: VU047627.D

Acq: 21 Mar 2022 12:09

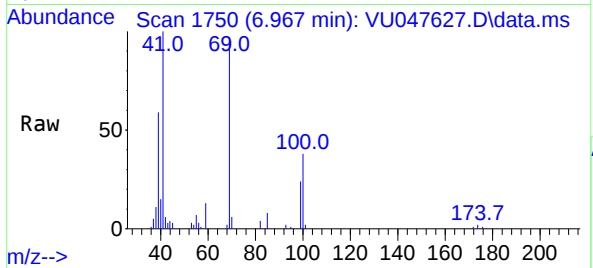
Tgt Ion:	75	Resp:	9509
Ion	Ratio	Lower	Upper
75	100		
53	90.7	66.8	100.2
89	61.1	41.7	62.5
88	50.5	32.3	48.5





#47
Methyl methacrylate
Concen: 4.644 ug/l
RT: 6.967 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

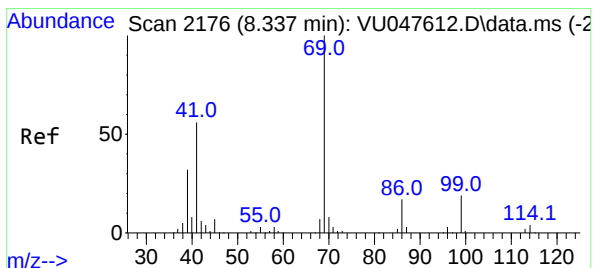
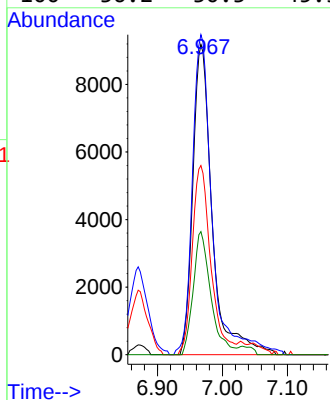
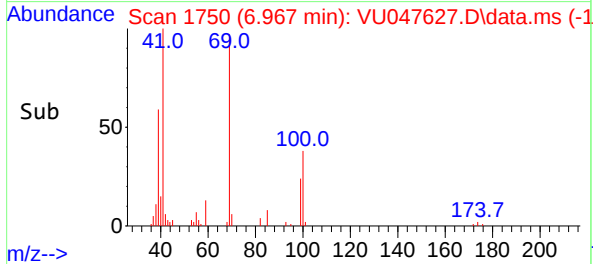
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



Tgt Ion: 69 Resp: 19100
Ion Ratio Lower Upper
69 100
41 105.5 0.0 230.0
39 58.4 55.1 82.7
100 36.2 30.3 45.5

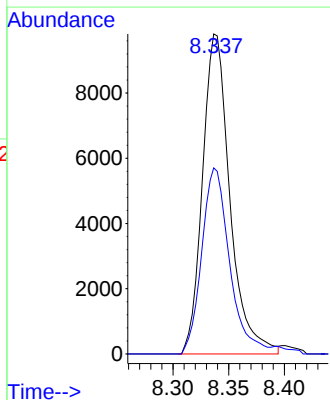
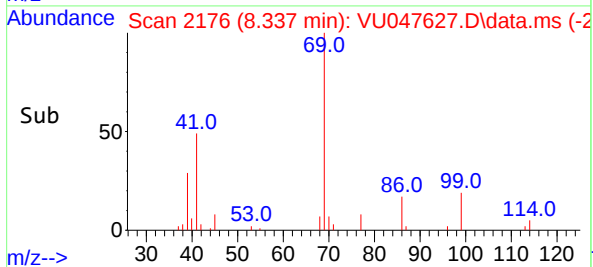
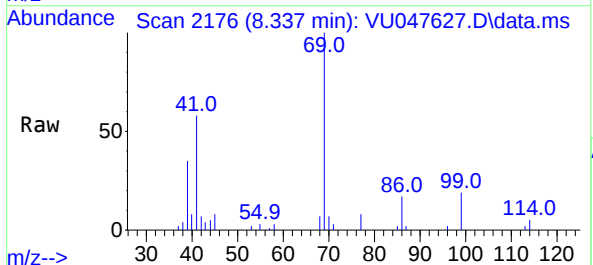
Manual Integrations
APPROVED

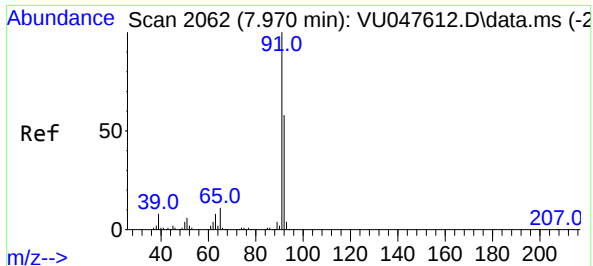
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#48
Ethyl methacrylate
Concen: 2.169 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

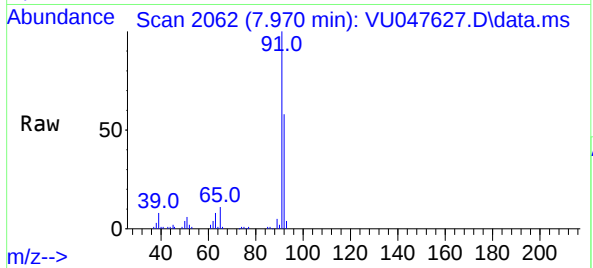
Tgt Ion: 69 Resp: 16818
Ion Ratio Lower Upper
69 100
41 59.1 32.6 98.0





#49
Toluene
Concen: 2.196 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

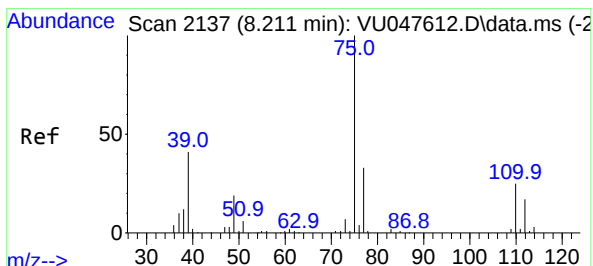
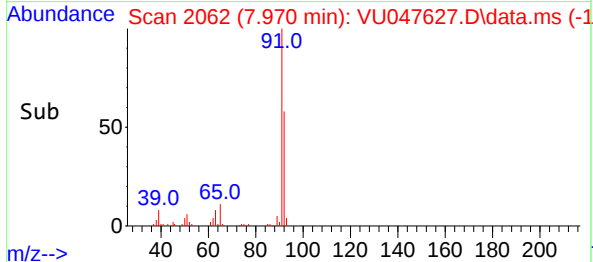
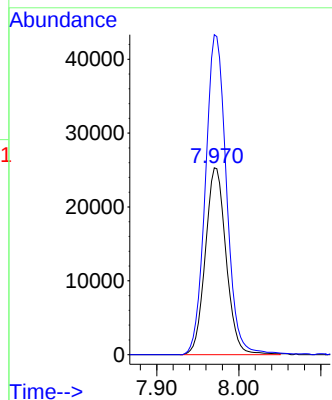
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



Tgt Ion: 92 Resp: 4447
Ion Ratio Lower Upper
92 100
91 174.0 136.8 205.2

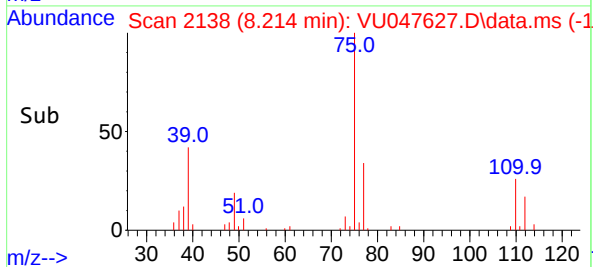
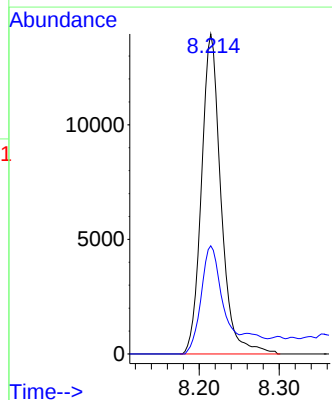
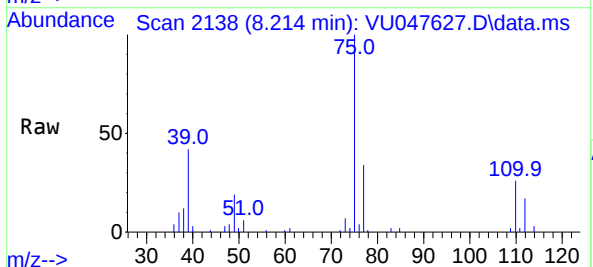
Manual Integrations
APPROVED

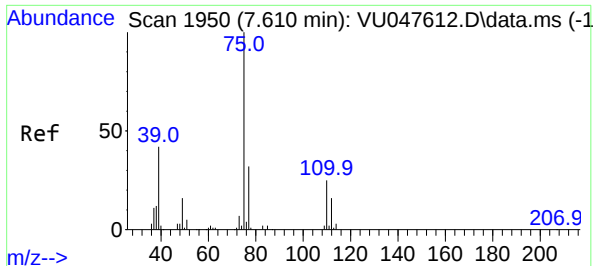
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#50
t-1,3-Dichloropropene
Concen: 2.174 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

Tgt Ion: 75 Resp: 23767
Ion Ratio Lower Upper
75 100
77 33.8 25.6 38.4





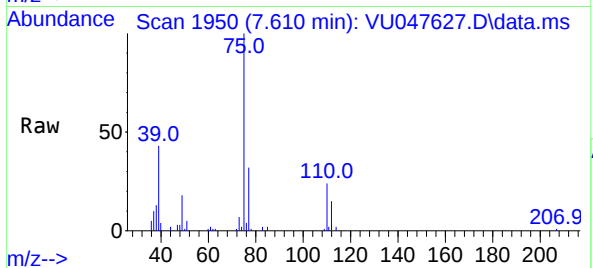
#51
 cis-1,3-Dichloropropene
 Concen: 2.133 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VU047627.D
 Acq: 21 Mar 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VU0321WBSD01



Tgt Ion: 75 Resp: 2567

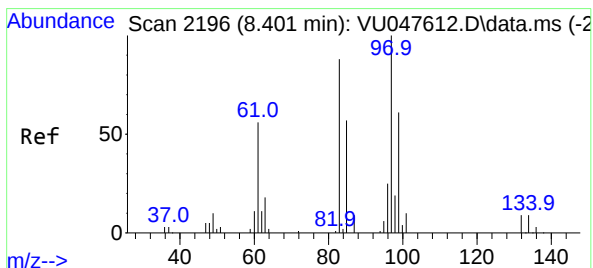
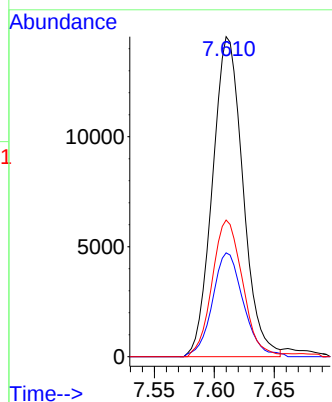
Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.2	37.8
39	42.7	38.6	57.8

Manual Integrations

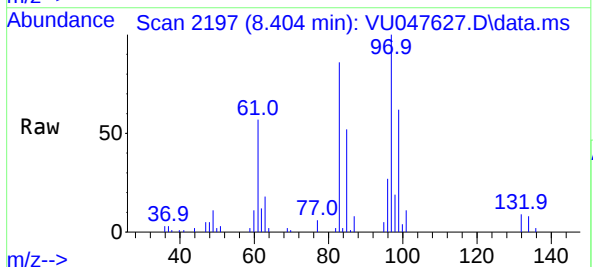
APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022

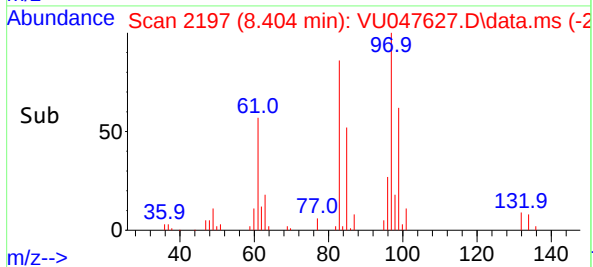
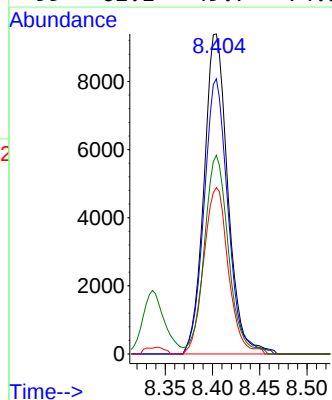


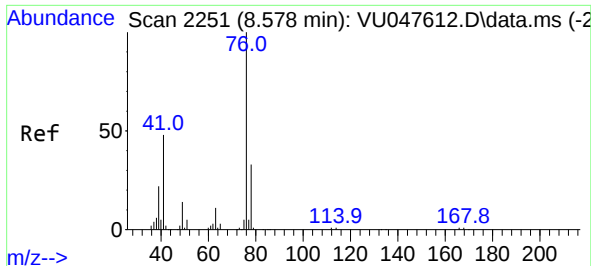
#52
 1,1,2-Trichloroethane
 Concen: 2.331 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.003 min
 Lab File: VU047627.D
 Acq: 21 Mar 2022 12:09



Tgt Ion: 97 Resp: 16500

Ion	Ratio	Lower	Upper
97	100		
83	86.0	69.8	104.8
85	52.0	44.2	66.4
99	62.1	49.7	74.5





#53

1,3-Dichloropropane

Concen: 2.296 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047627.D

Acq: 21 Mar 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VU0321WBSD01

Tgt Ion: 76 Resp: 2646

Ion Ratio Lower Upper

76 100

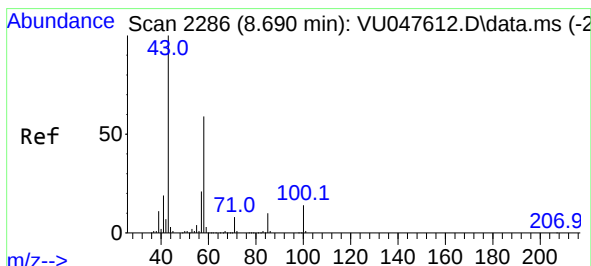
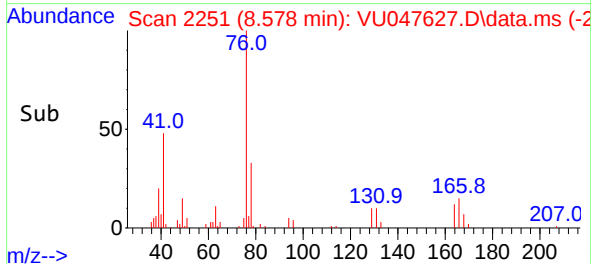
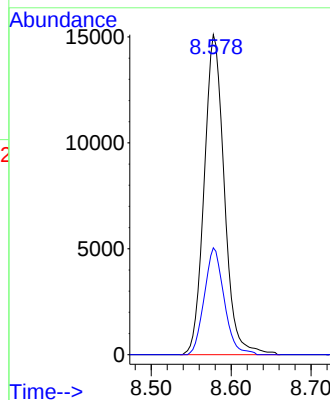
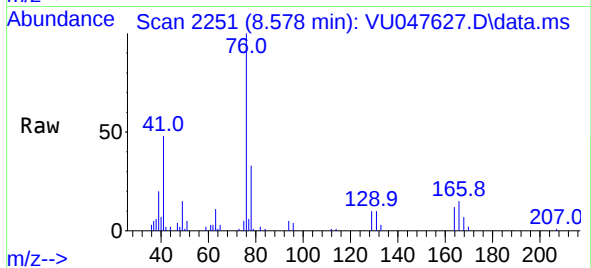
78 33.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#54

2-Hexanone

Concen: 11.663 ug/l

RT: 8.693 min Scan# 2287

Delta R.T. 0.003 min

Lab File: VU047627.D

Acq: 21 Mar 2022 12:09

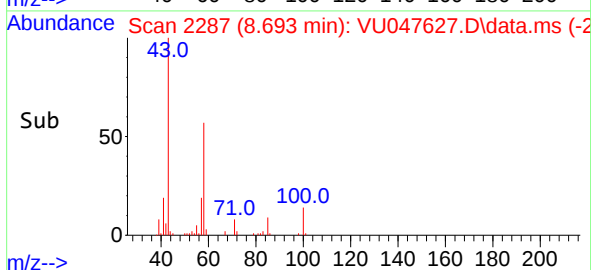
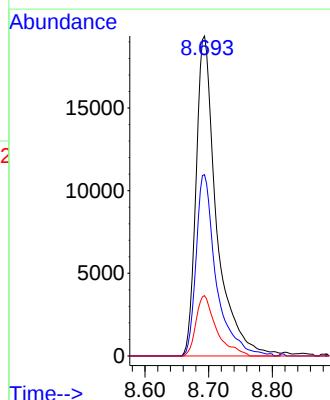
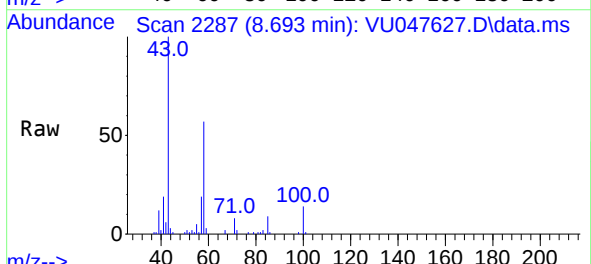
Tgt Ion: 43 Resp: 43301

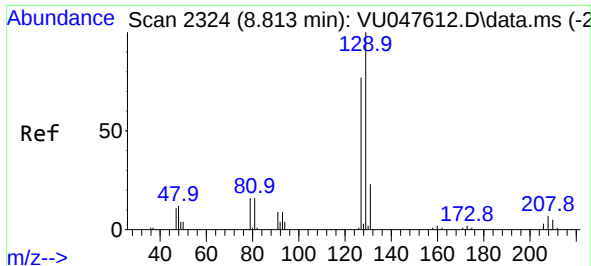
Ion Ratio Lower Upper

43 100

58 55.5 37.7 77.7

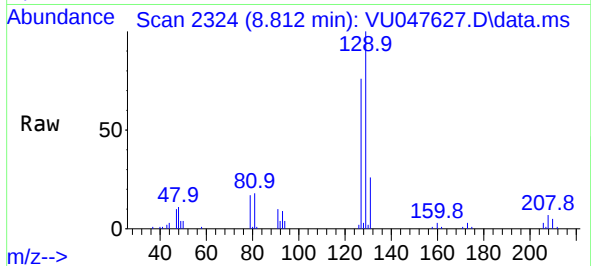
57 18.7 0.5 40.5





#55
Dibromochloromethane
Concen: 2.162 ug/l
RT: 8.812 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

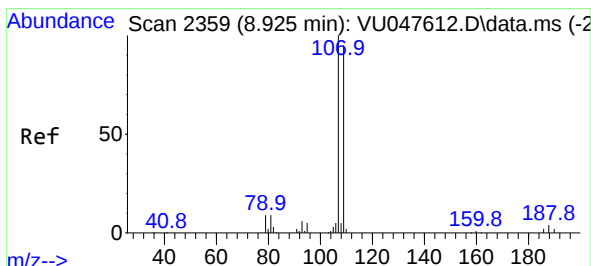
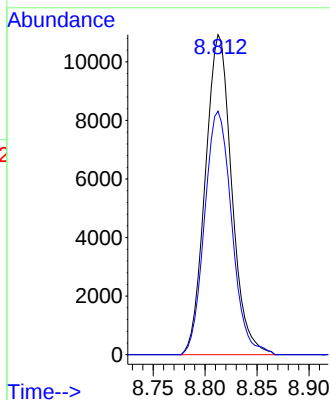
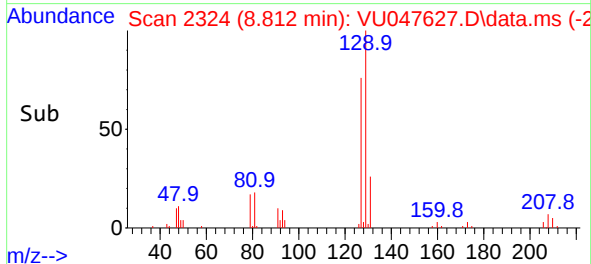
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



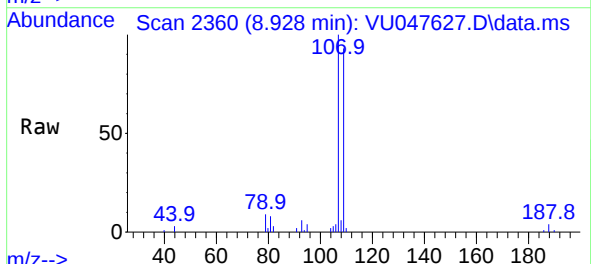
Tgt Ion:129 Resp: 19330
Ion Ratio Lower Upper
129 100
127 78.6 62.2 93.4

Manual Integrations
APPROVED

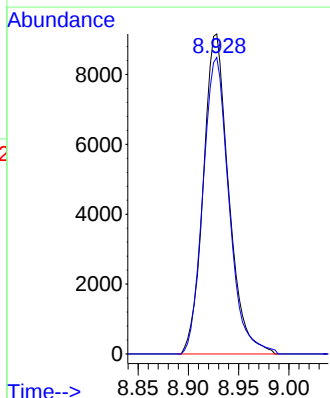
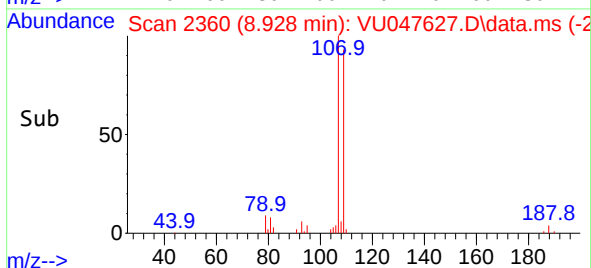
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

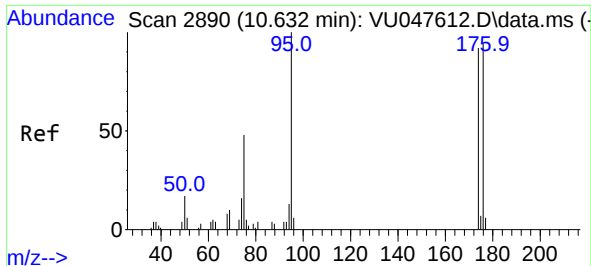


#56
1,2-Dibromoethane
Concen: 2.287 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09



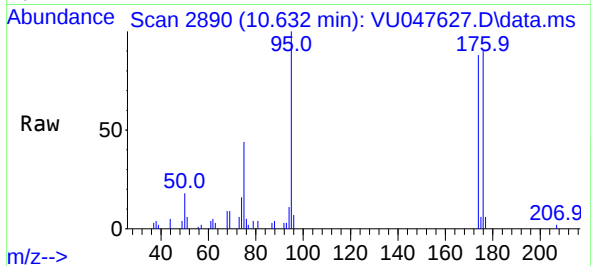
Tgt Ion:107 Resp: 16114
Ion Ratio Lower Upper
107 100
109 94.9 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.969 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

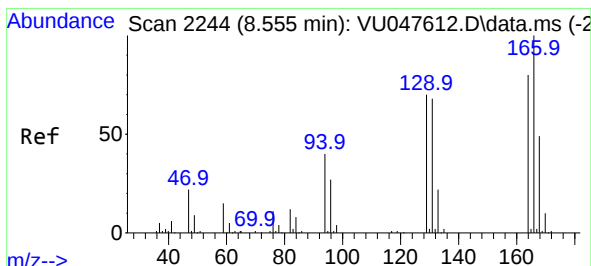
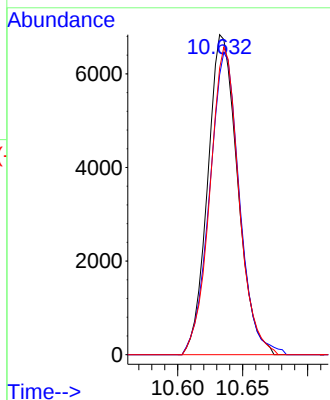
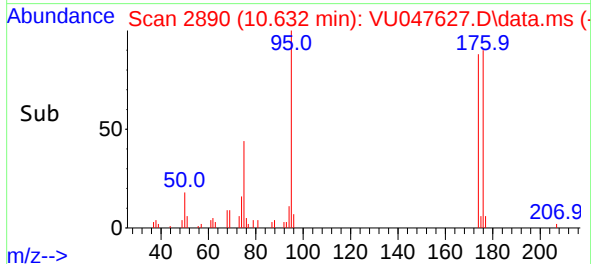
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



Tgt Ion: 95 Resp: 10962
Ion Ratio Lower Upper
95 100
174 94.0 56.6 84.8
176 92.8 54.3 81.5

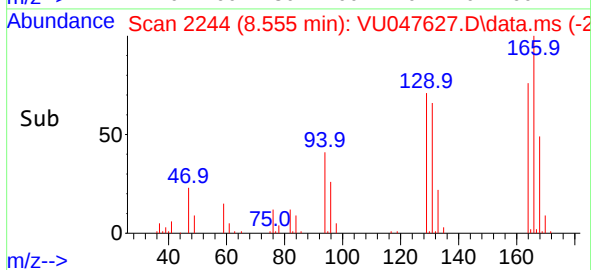
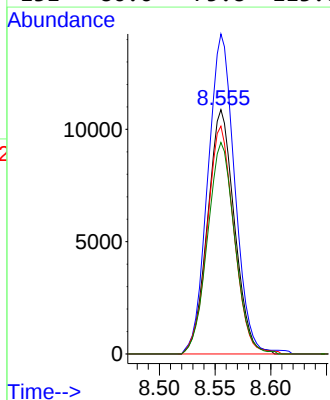
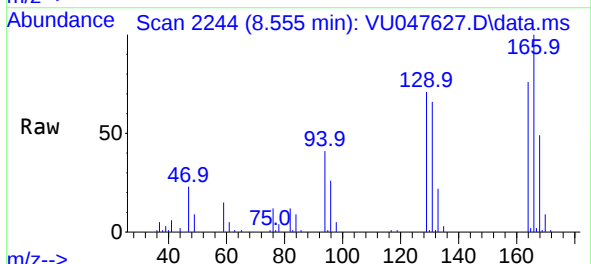
Manual Integrations
APPROVED

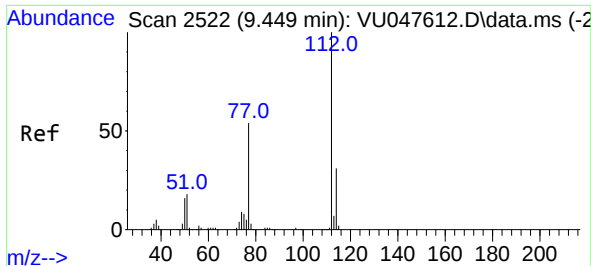
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#58
Tetrachloroethene
Concen: 2.081 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

Tgt Ion:164 Resp: 18274
Ion Ratio Lower Upper
164 100
166 131.0 102.0 153.0
129 93.3 77.1 115.7
131 86.6 75.8 113.6





#59

Chlorobenzene

Concen: 2.167 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047627.D

Acq: 21 Mar 2022 12:09

Instrument :

MSVOA_U

ClientSampleId :

VU0321WBSD01

Tgt Ion:112 Resp: 51158

Ion Ratio Lower Upper

112 100

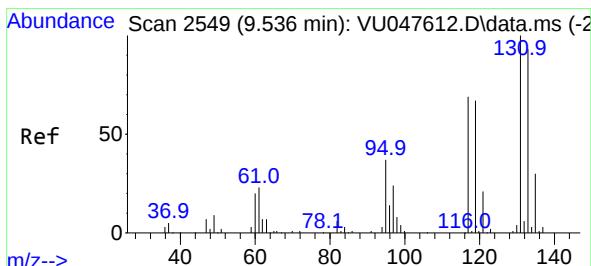
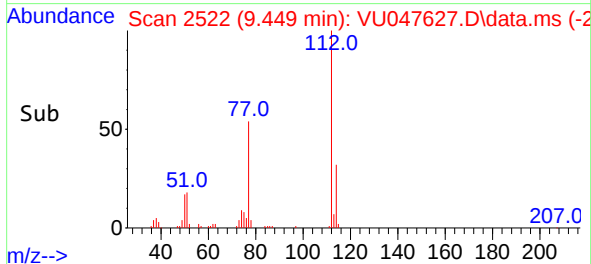
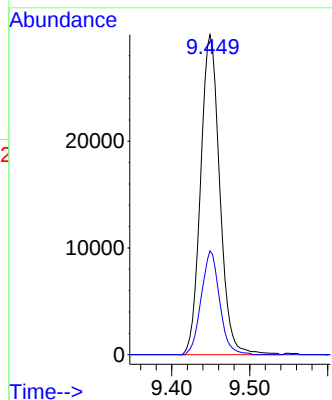
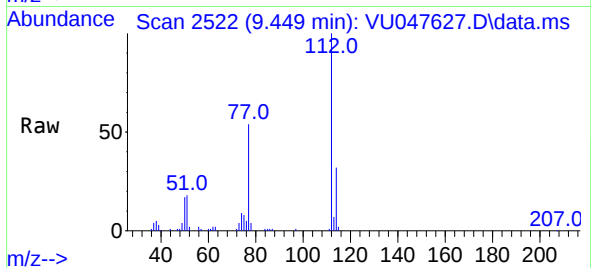
114 32.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 2.175 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. -0.000 min

Lab File: VU047627.D

Acq: 21 Mar 2022 12:09

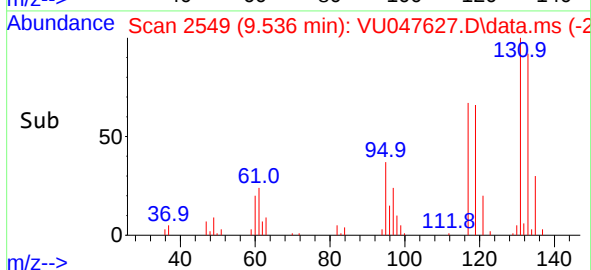
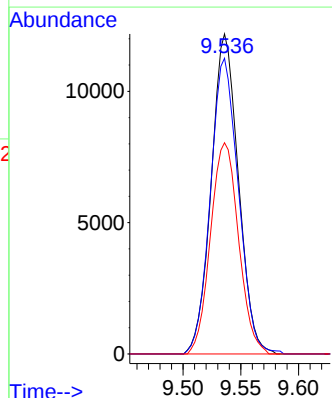
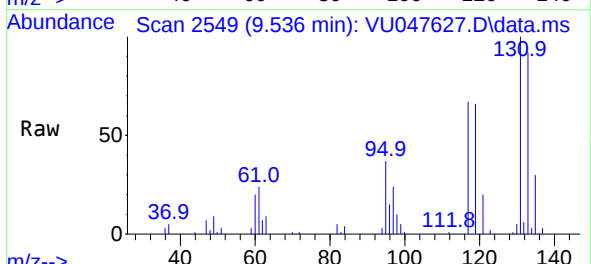
Tgt Ion:131 Resp: 19933

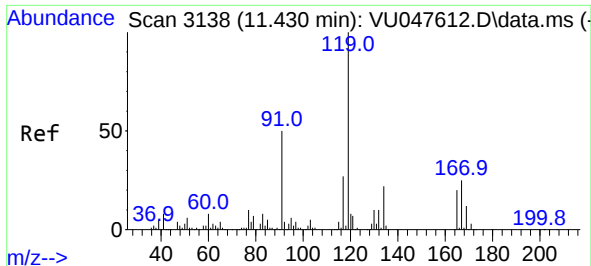
Ion Ratio Lower Upper

131 100

133 95.3 76.0 114.0

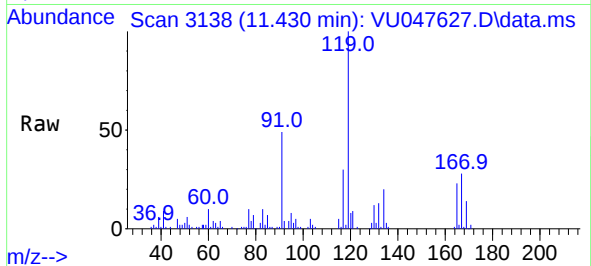
119 68.2 54.9 82.3





#61
Pentachloroethane
Concen: 2.091 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

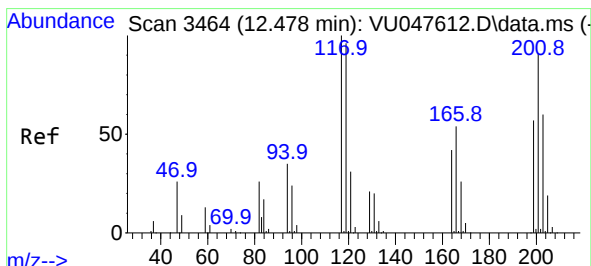
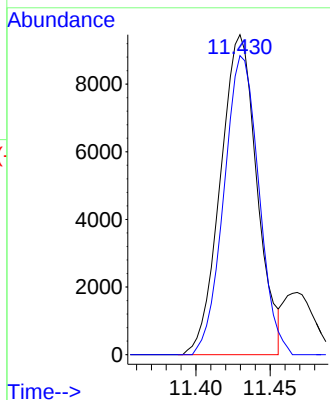
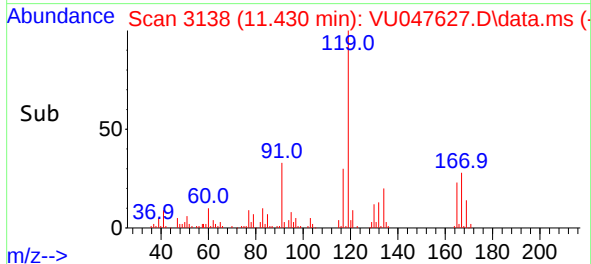
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



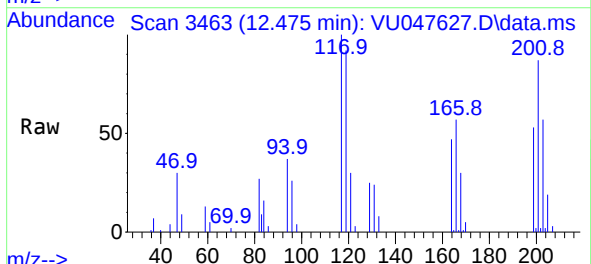
Tgt Ion:117 Resp: 1621
Ion Ratio Lower Upper
117 100
167 88.9 59.7 89.5

Manual Integrations
APPROVED

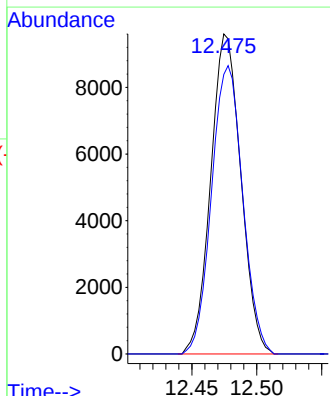
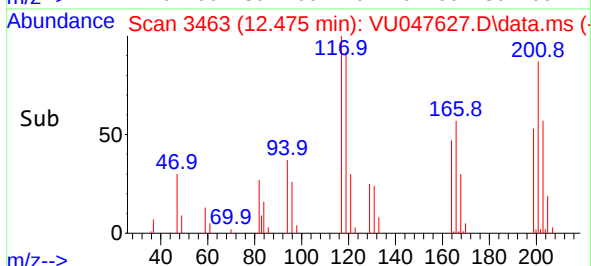
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

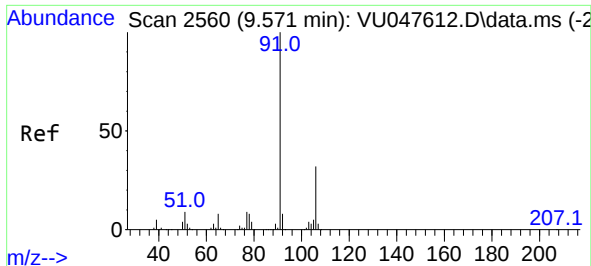


#62
Hexachloroethane
Concen: 2.012 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09



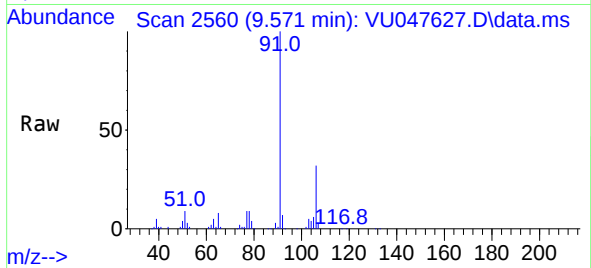
Tgt Ion:117 Resp: 15489
Ion Ratio Lower Upper
117 100
201 92.9 53.6 80.4#





#63
Ethyl Benzene
Concen: 2.067 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

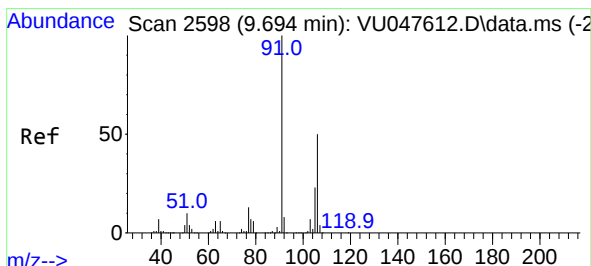
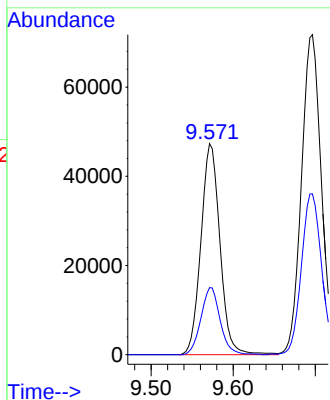
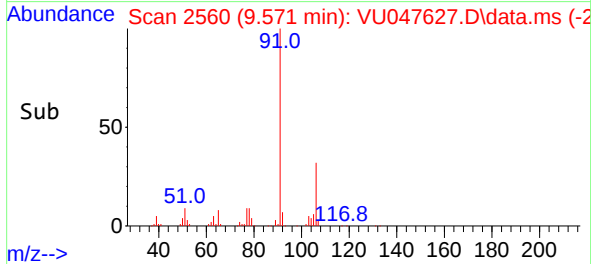
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



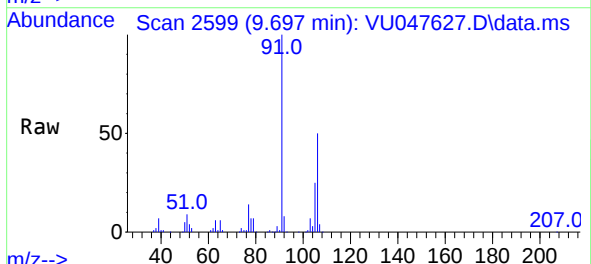
Tgt Ion: 91 Resp: 76430
Ion Ratio Lower Upper
91 100
106 31.8 24.4 36.6

Manual Integrations
APPROVED

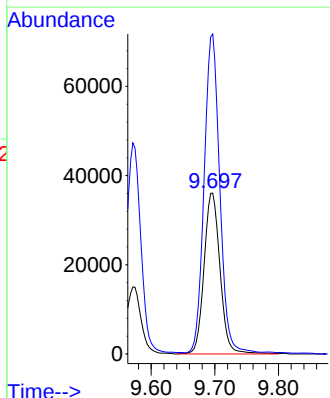
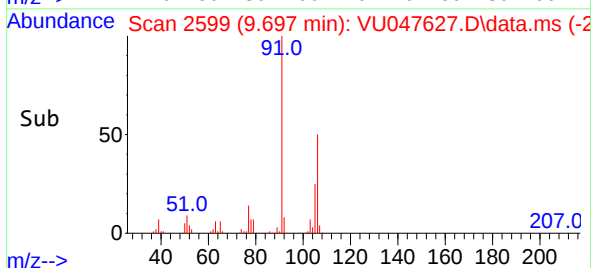
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

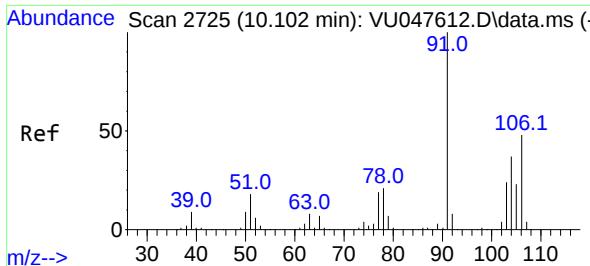


#64
m/p-Xylenes
Concen: 4.295 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09



Tgt Ion:106 Resp: 63014
Ion Ratio Lower Upper
106 100
91 192.6 165.5 248.3





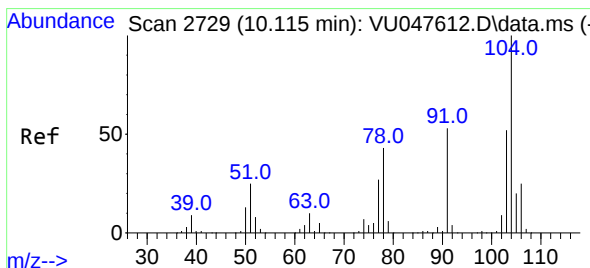
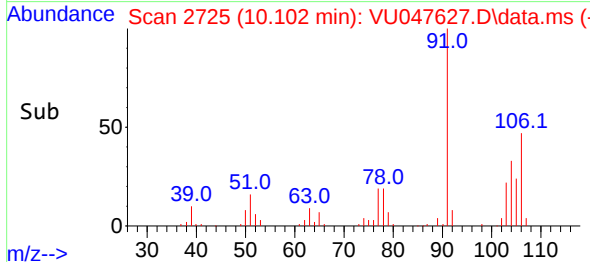
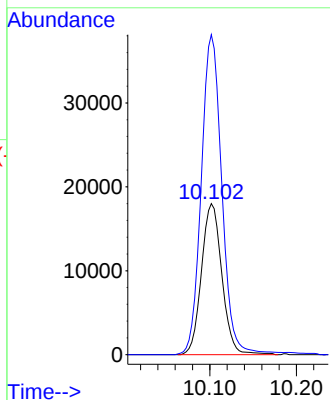
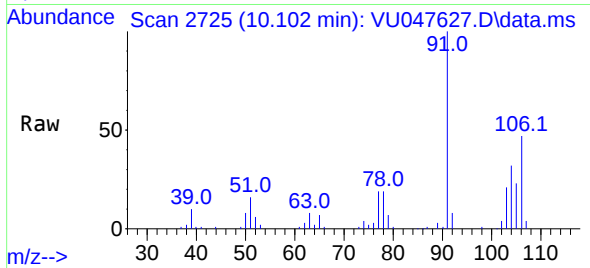
#65
o-Xylene
Concen: 2.125 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01

Tgt Ion:106 Resp: 29500
Ion Ratio Lower Upper
106 100
91 213.5 109.4 328.2

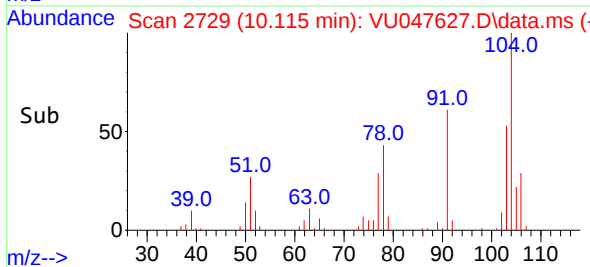
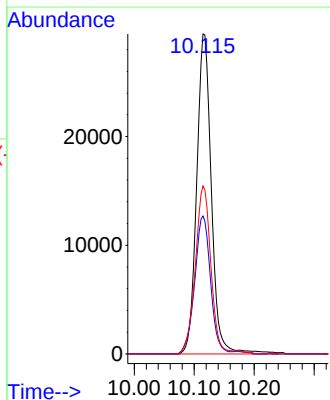
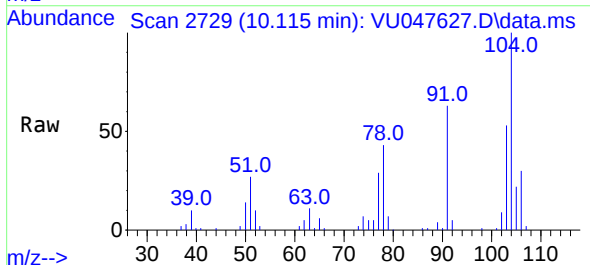
Manual Integrations
APPROVED

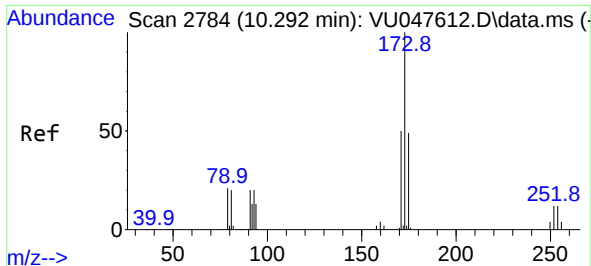
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#66
Styrene
Concen: 2.104 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

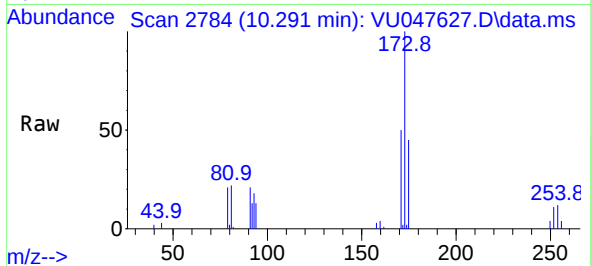
Tgt Ion:104 Resp: 50382
Ion Ratio Lower Upper
104 100
78 46.2 42.4 63.6
103 55.3 44.2 66.4





#67
Bromoform
Concen: 2.275 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

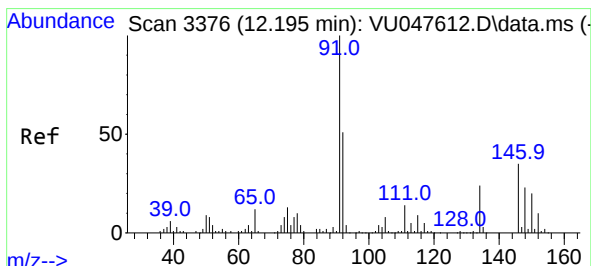
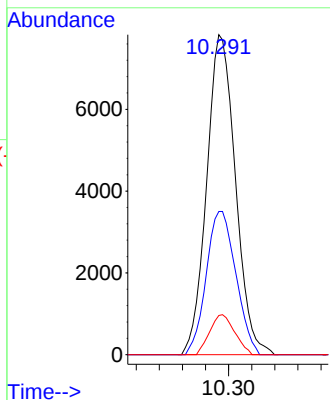
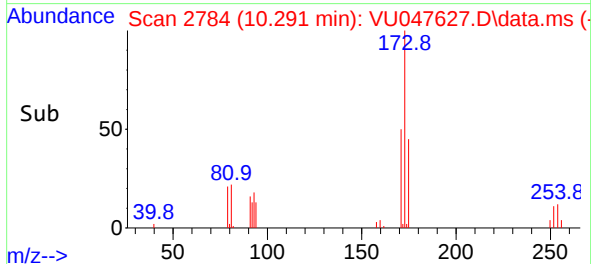
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



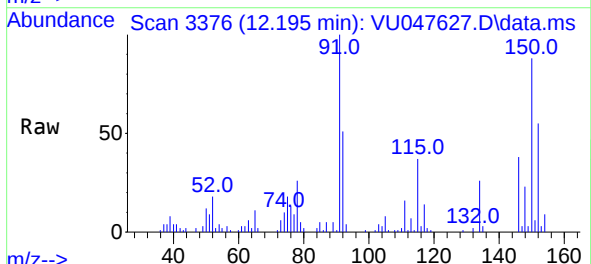
Tgt Ion:173 Resp: 1353
Ion Ratio Lower Upper
173 100
175 46.0 39.0 58.4
254 10.8 5.5 8.3

Manual Integrations
APPROVED

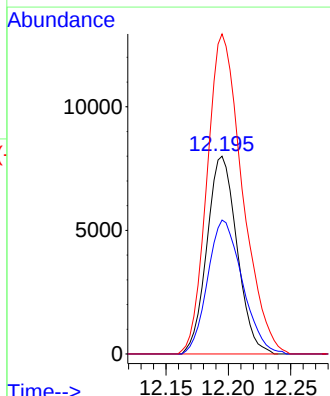
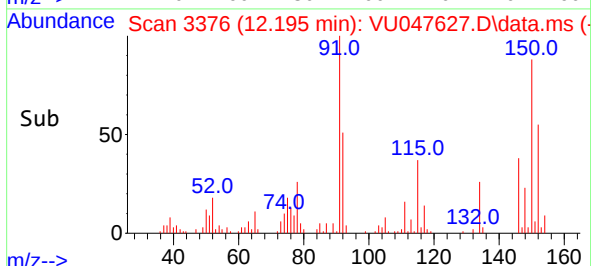
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

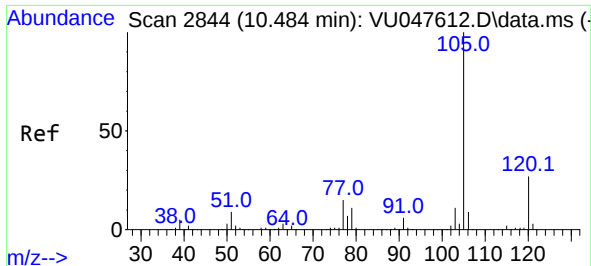


#68
1,2-Dichlorobenzene-d4
Concen: 0.981 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09



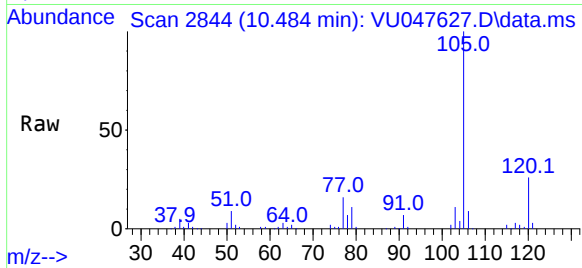
Tgt Ion:152 Resp: 13446
Ion Ratio Lower Upper
152 100
115 78.1 0.0 251.0
150 189.5 0.0 613.8





#69
Isopropylbenzene
Concen: 2.118 ug/l
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

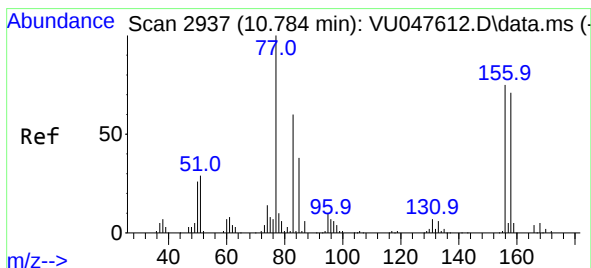
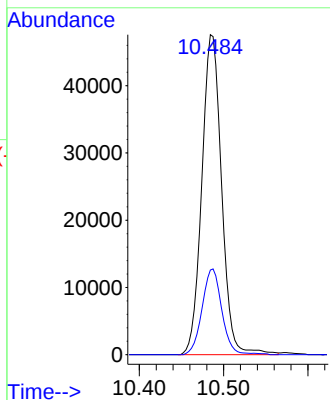
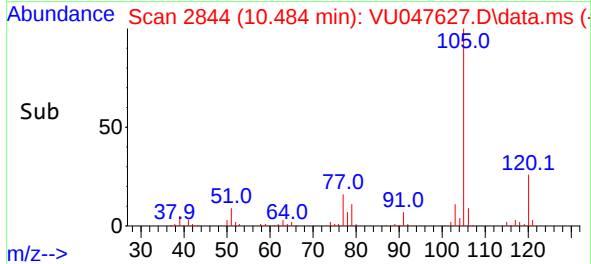
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



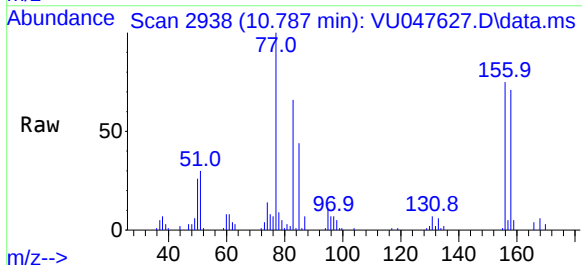
Tgt Ion:105 Resp: 7786
Ion Ratio Lower Upper
105 100
120 26.8 12.8 38.4

Manual Integrations
APPROVED

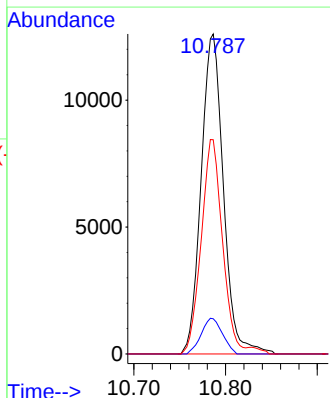
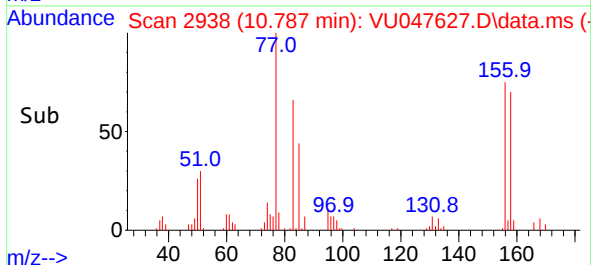
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

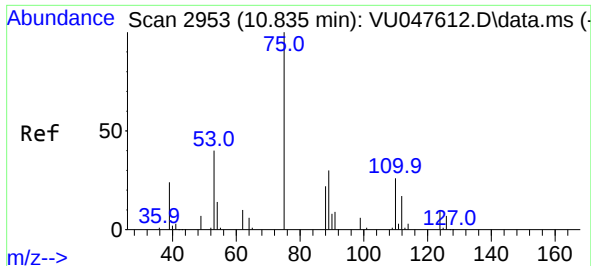


#70
1,1,2,2-Tetrachloroethane
Concen: 2.252 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09



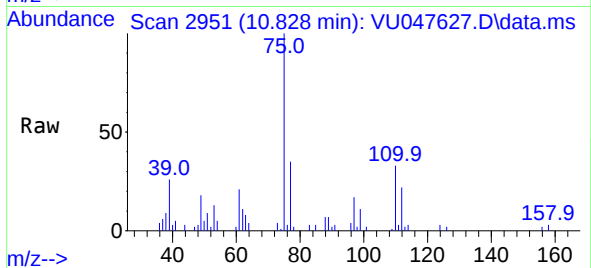
Tgt Ion: 83 Resp: 21228
Ion Ratio Lower Upper
83 100
131 10.6 7.6 11.4
85 63.8 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 1.931 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. -0.007 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01

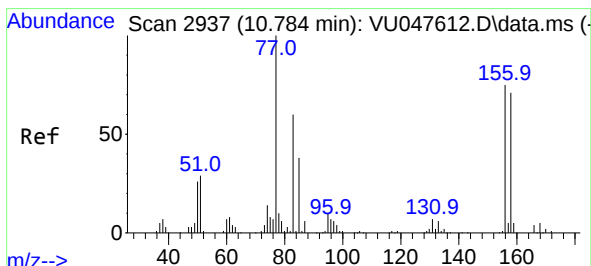
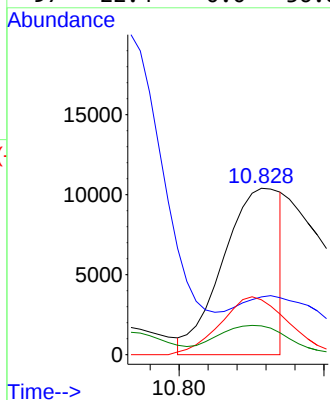
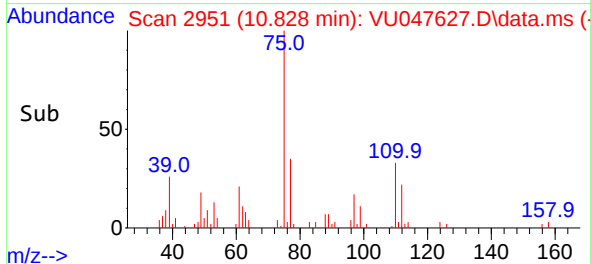


Tgt Ion: 75 Resp: 14368

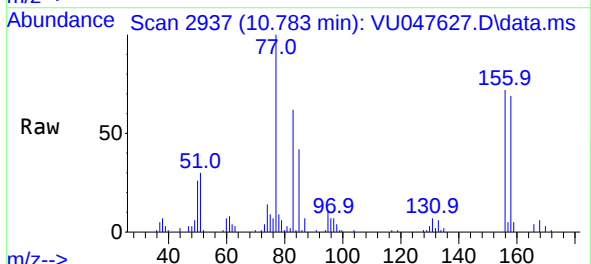
Ion	Ratio	Lower	Upper
75	100		
77	52.7	0.0	105.6
110	41.0	0.0	71.2
97	22.4	0.0	36.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

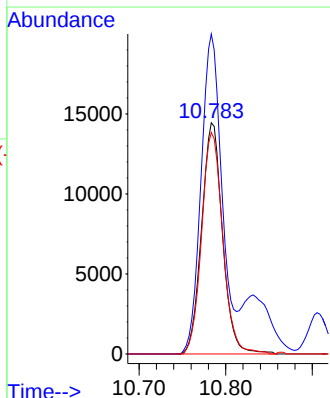
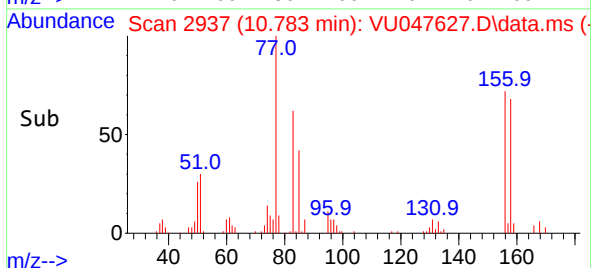


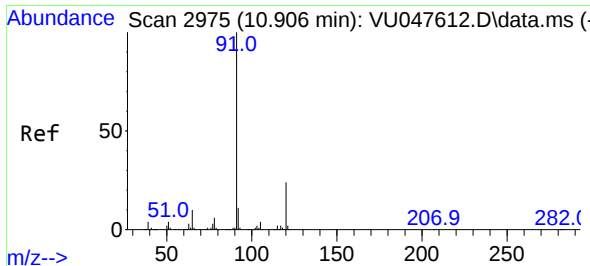
#72
Bromobenzene
Concen: 2.195 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09



Tgt Ion:156 Resp: 24198

Ion	Ratio	Lower	Upper
156	100		
77	136.7	0.0	370.6
158	97.1	0.0	193.4





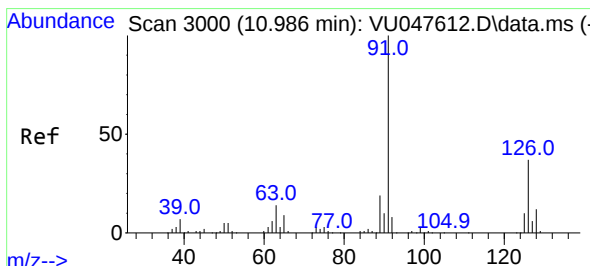
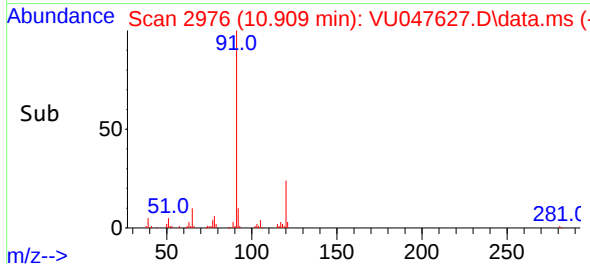
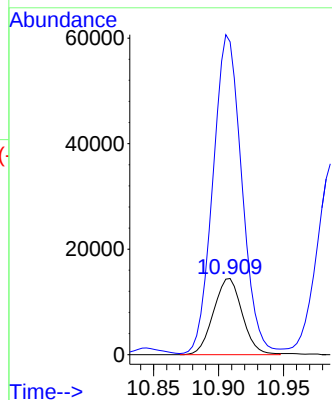
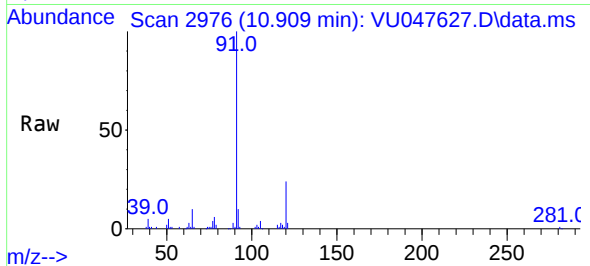
#73
n-propylbenzene
Concen: 2.079 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01

Tgt Ion:120 Resp: 22184
Ion Ratio Lower Upper
120 100
91 422.2 370.7 556.1

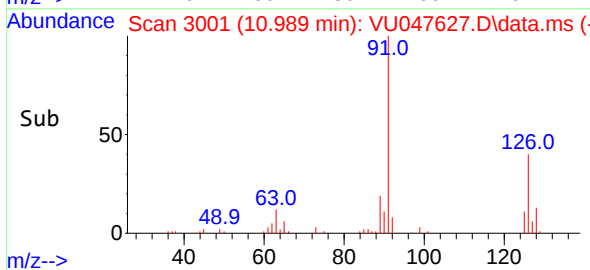
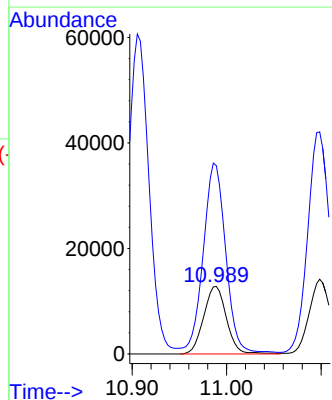
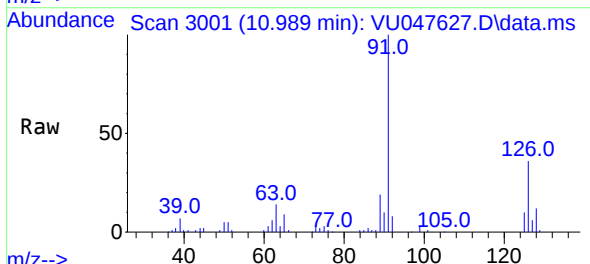
Manual Integrations
APPROVED

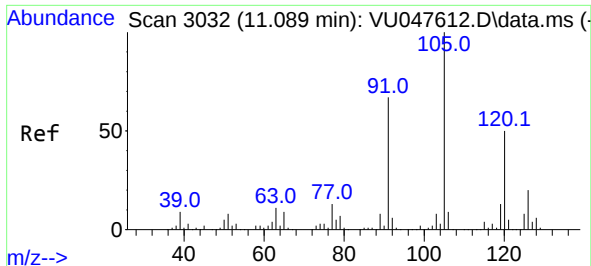
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#74
2-Chlorotoluene
Concen: 2.186 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

Tgt Ion:126 Resp: 21418
Ion Ratio Lower Upper
126 100
91 275.0 0.0 639.6





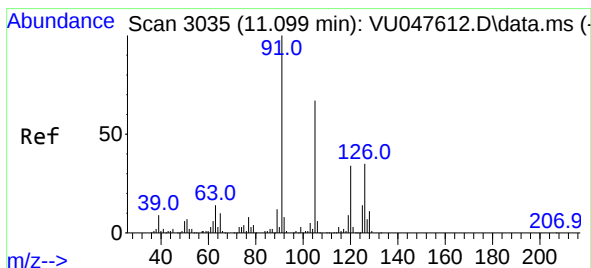
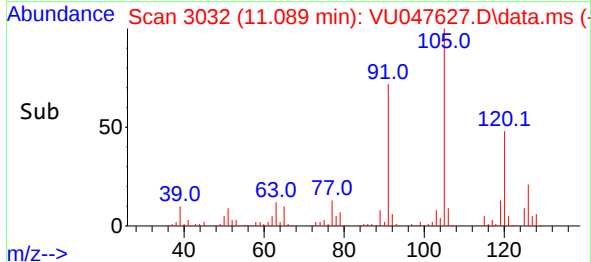
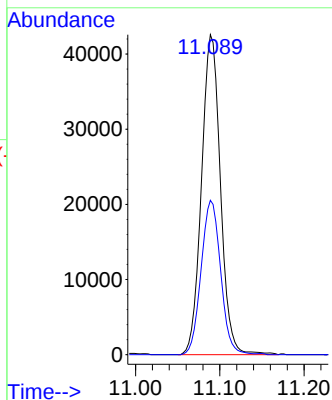
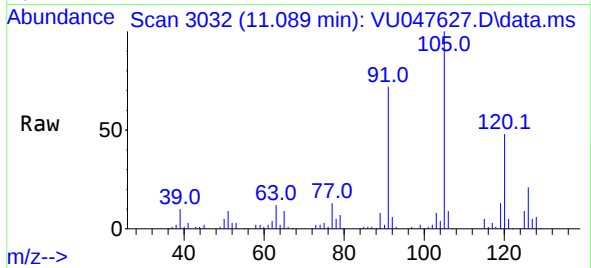
#75
1,3,5-Trimethylbenzene
Concen: 2.110 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01

Tgt Ion:105 Resp: 66689
Ion Ratio Lower Upper
105 100
120 49.6 38.6 58.0

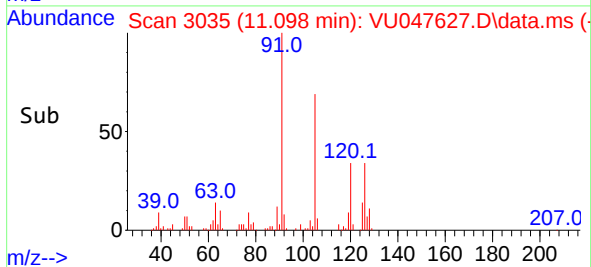
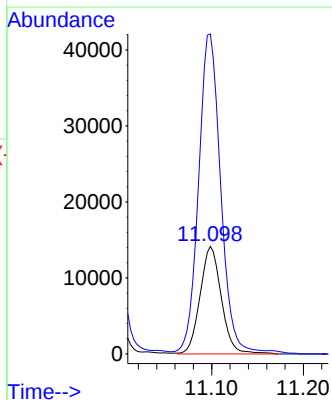
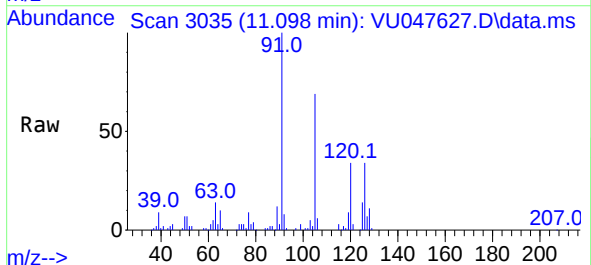
Manual Integrations
APPROVED

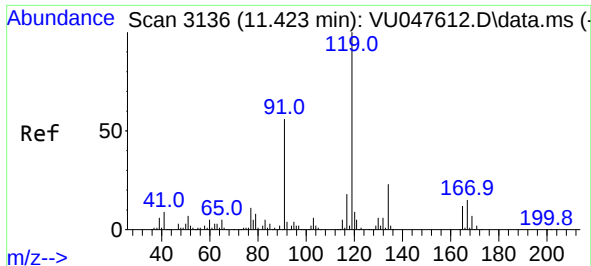
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#76
4-Chlorotoluene
Concen: 2.187 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

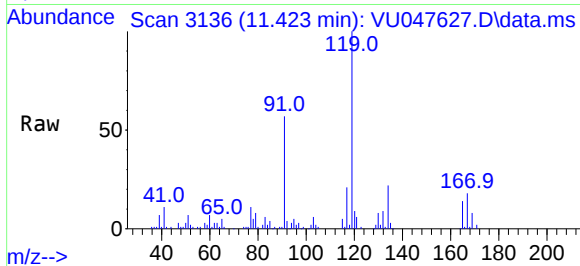
Tgt Ion:126 Resp: 22796
Ion Ratio Lower Upper
126 100
91 302.2 0.0 728.0





#77
tert-Butylbenzene
Concen: 2.081 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

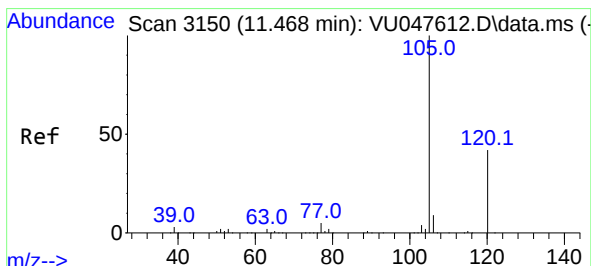
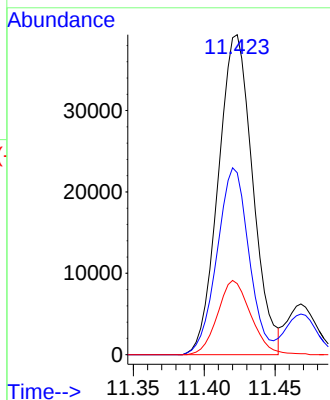
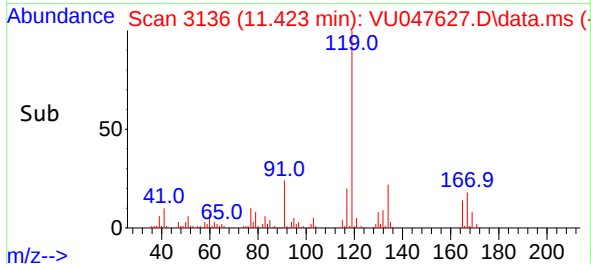
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



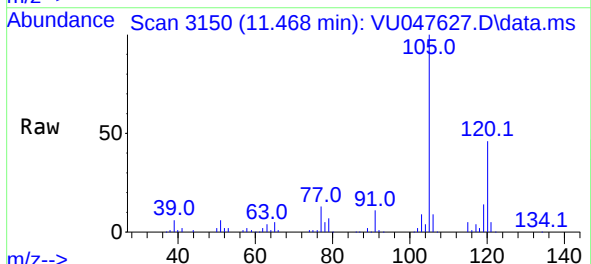
Tgt Ion:119 Resp: 66640
Ion Ratio Lower Upper
119 100
91 54.2 31.4 94.3
134 22.4 18.5 27.7

Manual Integrations
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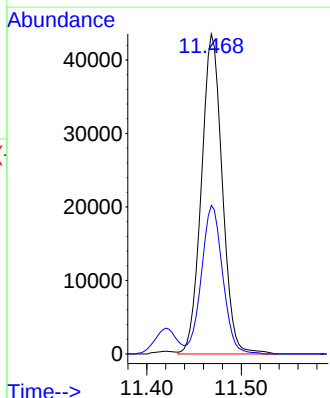
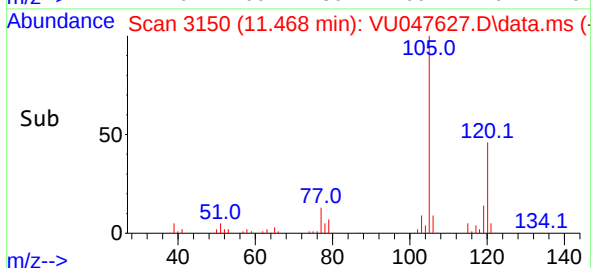
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

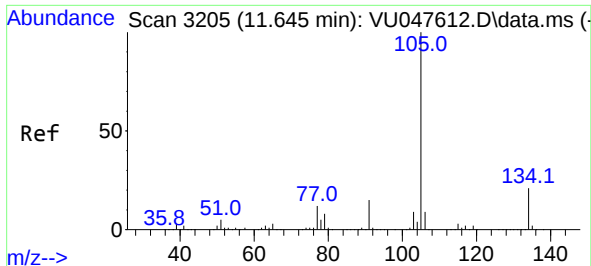


#78
1,2,4-Trimethylbenzene
Concen: 2.071 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09



Tgt Ion:105 Resp: 66779
Ion Ratio Lower Upper
105 100
120 47.3 22.3 66.8





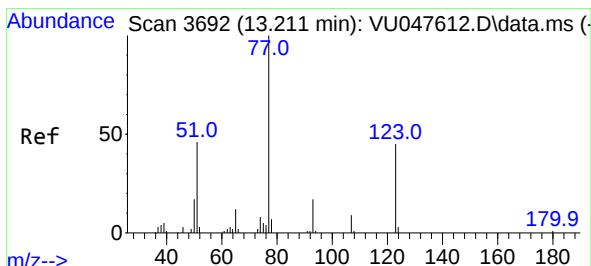
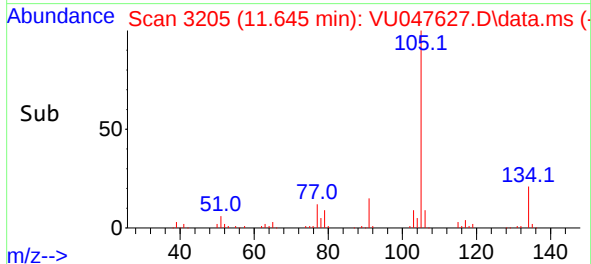
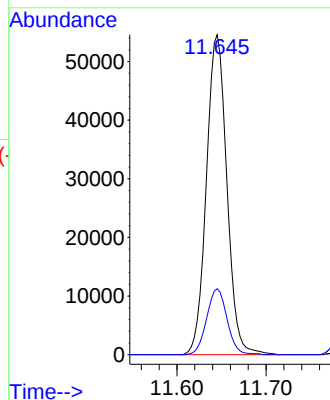
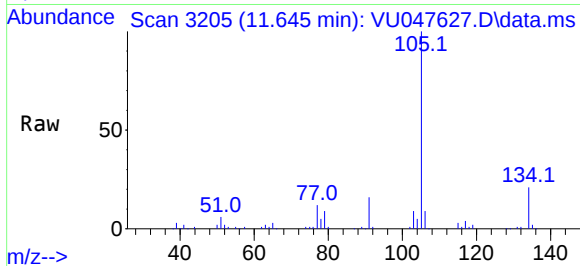
#79
 sec-Butylbenzene
 Concen: 2.086 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU047627.D
 Acq: 21 Mar 2022 12:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0321WBSD01

Tgt Ion:105 Resp: 8704
 Ion Ratio Lower Upper
 105 100
 134 20.5 15.4 23.0

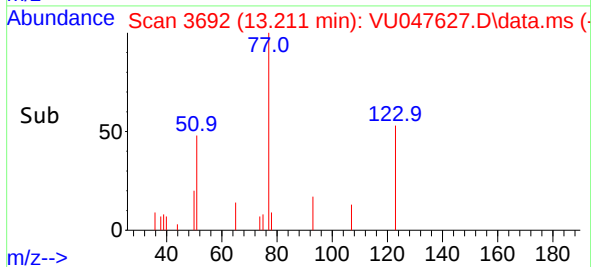
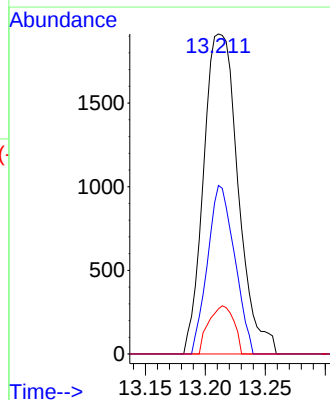
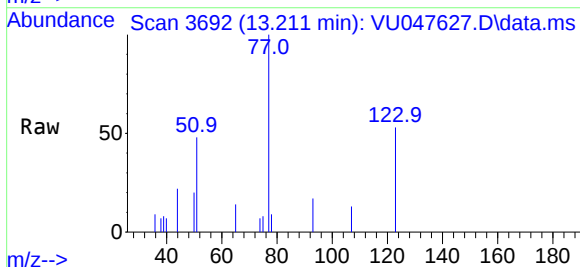
Manual Integrations
 APPROVED

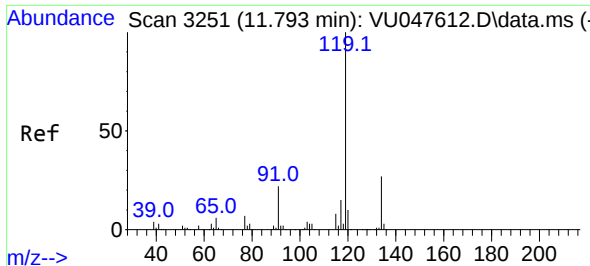
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 04/01/2022



#80
 Nitrobenzene
 Concen: 9.965 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. -0.000 min
 Lab File: VU047627.D
 Acq: 21 Mar 2022 12:09

Tgt Ion: 77 Resp: 3836
 Ion Ratio Lower Upper
 77 100
 123 41.1 18.2 64.4
 65 10.9 12.0 15.2#





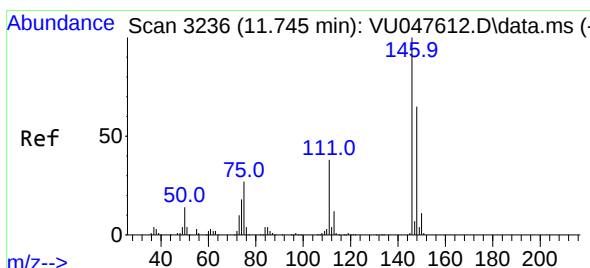
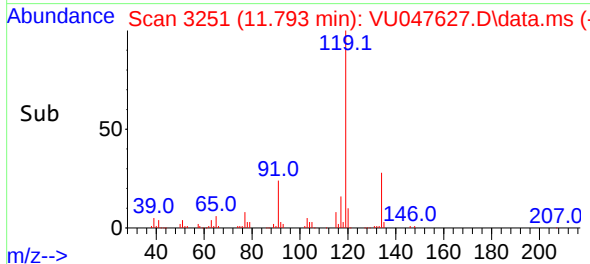
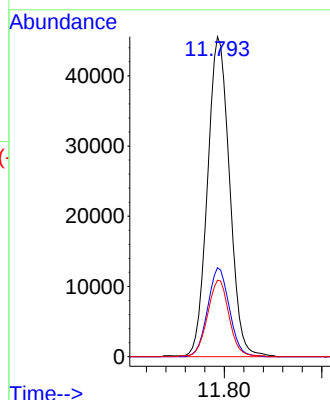
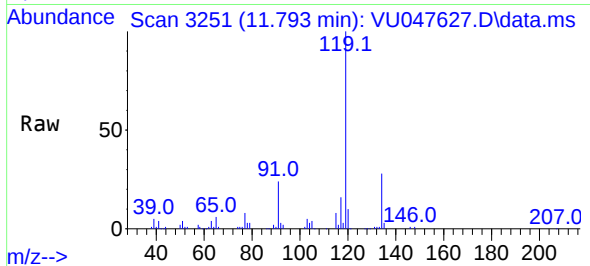
#81
p-Isopropyltoluene
Concen: 2.063 ug/l
RT: 11.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01

Tgt Ion:	119	Resp:	7161
Ion Ratio	Lower	Upper	
119	100		
134	27.4	20.2	30.4
91	23.5	19.9	29.9

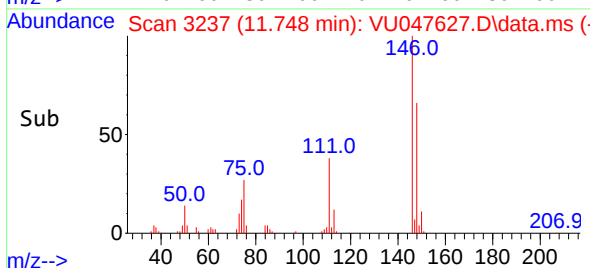
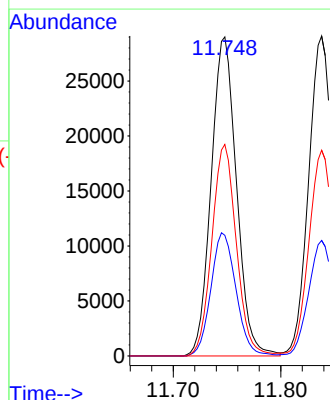
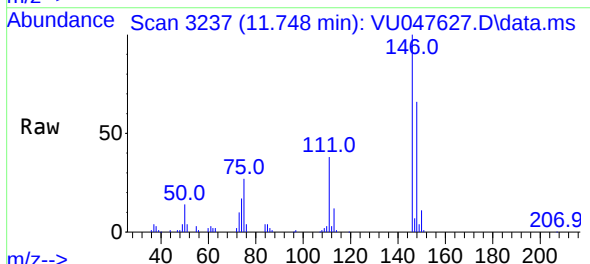
Manual Integrations
APPROVED

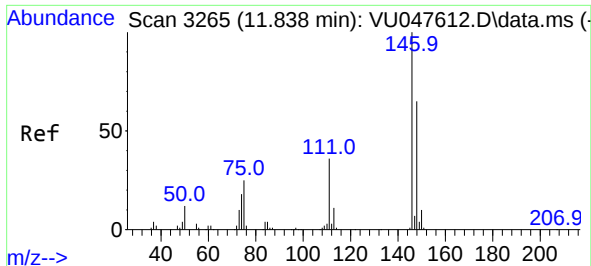
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#82
1,3-Dichlorobenzene
Concen: 2.181 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

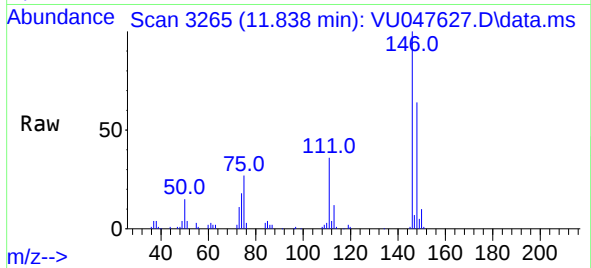
Tgt Ion:	146	Resp:	47479
Ion Ratio	Lower	Upper	
146	100		
111	38.3	33.9	50.9
148	64.0	50.9	76.3





#83
1,4-Dichlorobenzene
Concen: 2.189 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

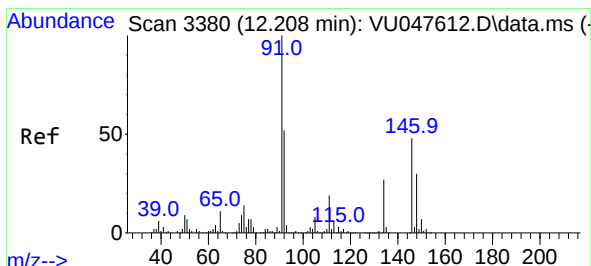
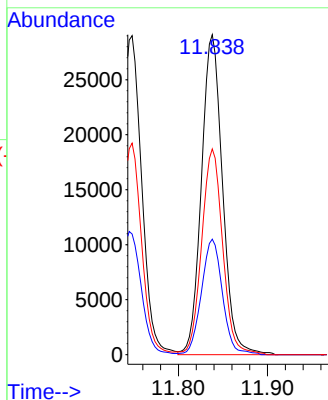
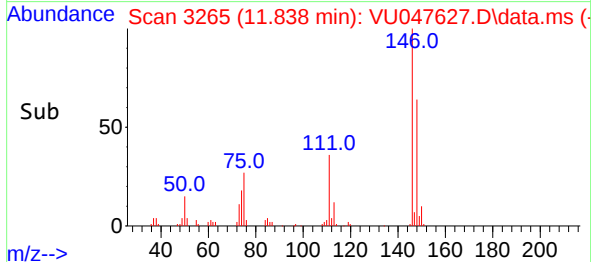
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



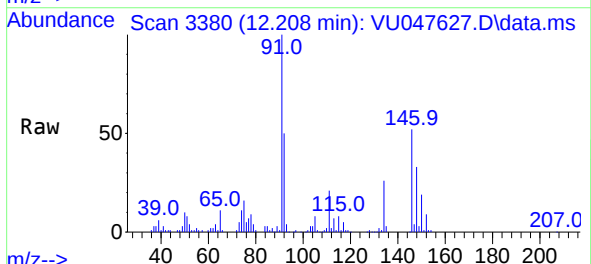
Tgt Ion:146 Resp: 47932
Ion Ratio Lower Upper
146 100
111 36.0 32.7 49.1
148 64.1 51.4 77.0

Manual Integrations
APPROVED

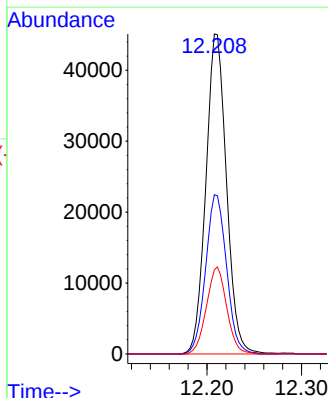
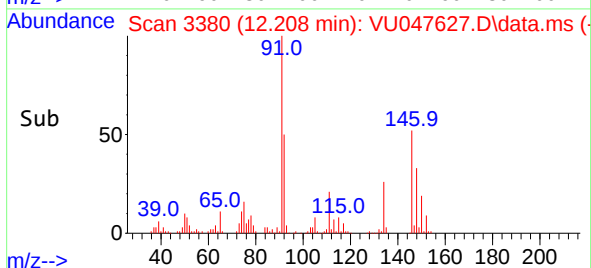
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

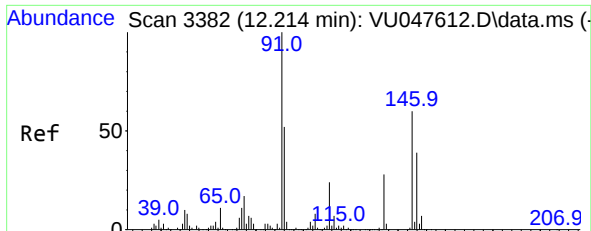


#84
n-Butylbenzene
Concen: 2.110 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09



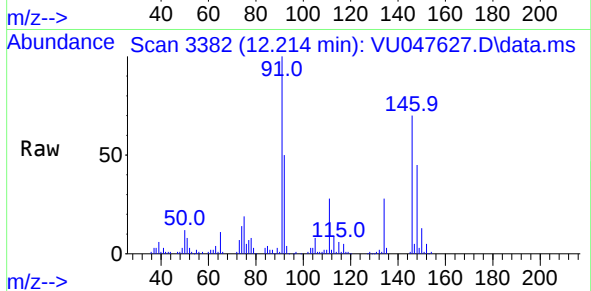
Tgt Ion: 91 Resp: 68350
Ion Ratio Lower Upper
91 100
92 50.4 43.5 65.3
134 26.7 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 2.181 ug/l
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

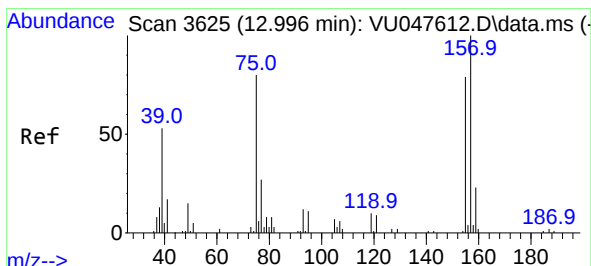
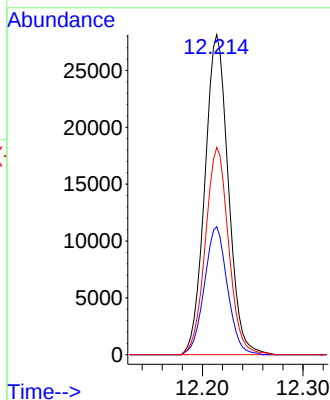
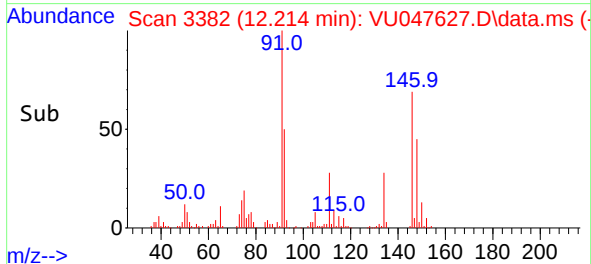
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



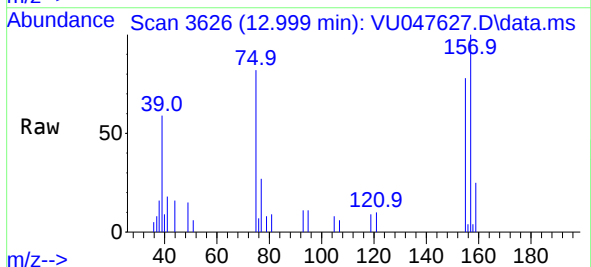
Tgt Ion:146 Resp: 45620
Ion Ratio Lower Upper
146 100
111 39.3 22.1 66.1
148 64.3 31.6 94.7

Manual Integrations
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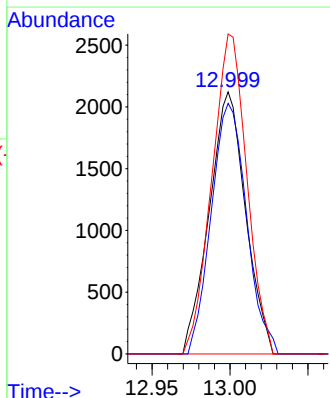
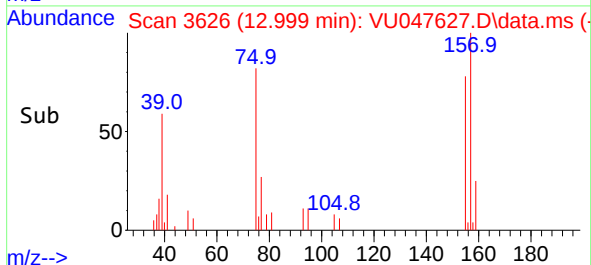
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

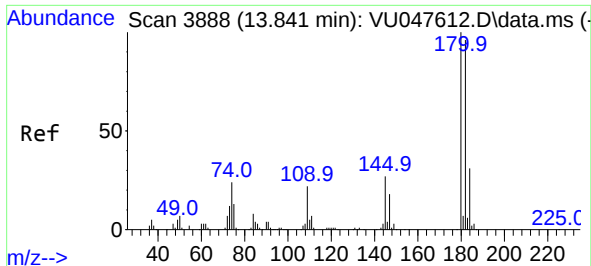


#86
1,2-Dibromo-3-Chloropropane
Concen: 2.159 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09



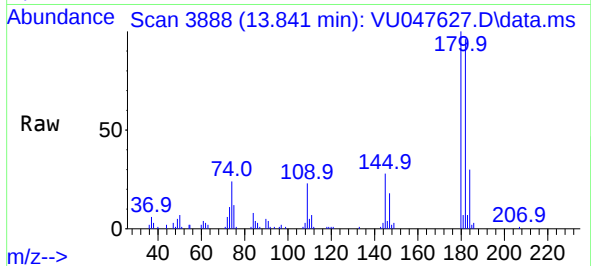
Tgt Ion: 75 Resp: 3432
Ion Ratio Lower Upper
75 100
155 92.9 57.8 86.8#
157 117.5 75.1 112.7#





#87
1,2,4-Trichlorobenzene
Concen: 2.108 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

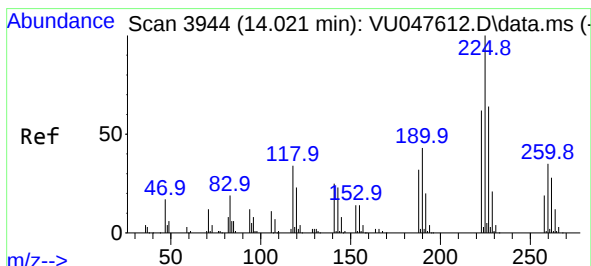
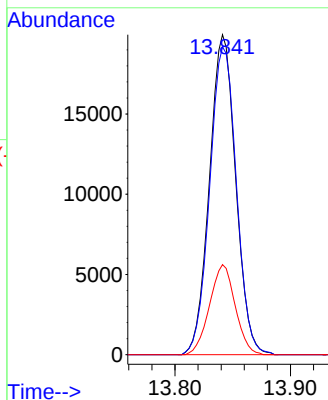
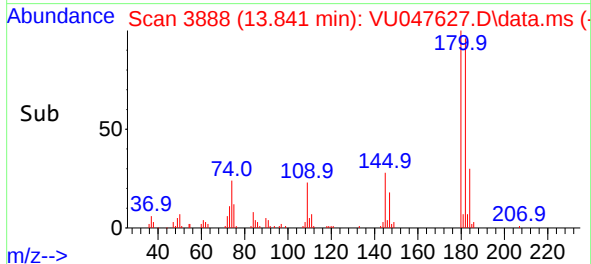
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01



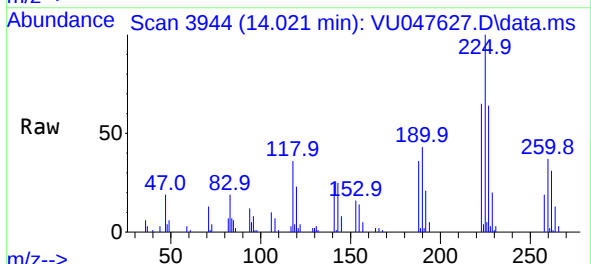
Tgt Ion:180 Resp: 3148
Ion Ratio Lower Upper
180 100
182 97.7 75.8 113.8
145 27.5 25.3 37.9

Manual Integrations
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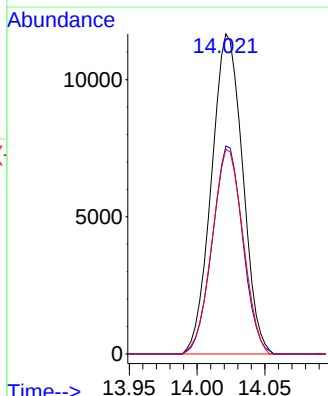
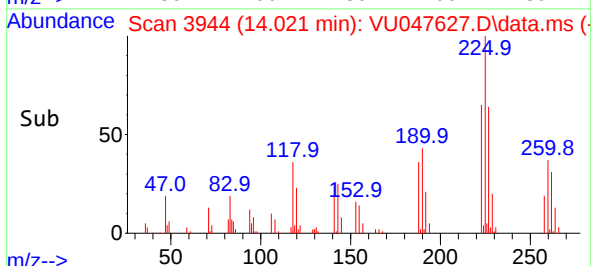
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

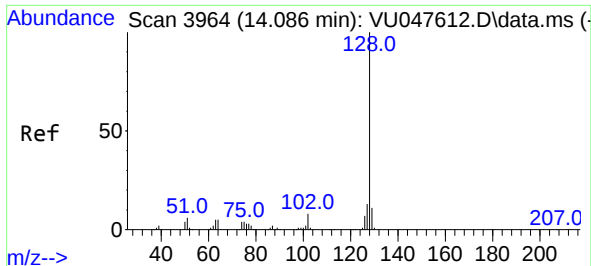


#88
Hexachlorobutadiene
Concen: 2.081 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09



Tgt Ion:225 Resp: 18657
Ion Ratio Lower Upper
225 100
223 63.2 51.1 76.7
227 63.5 49.9 74.9





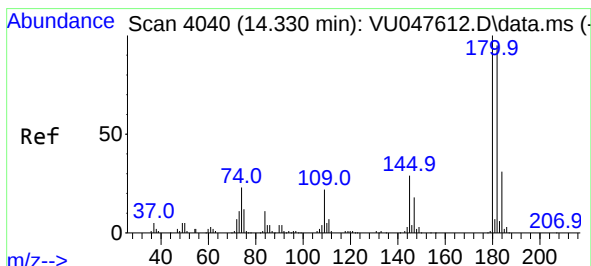
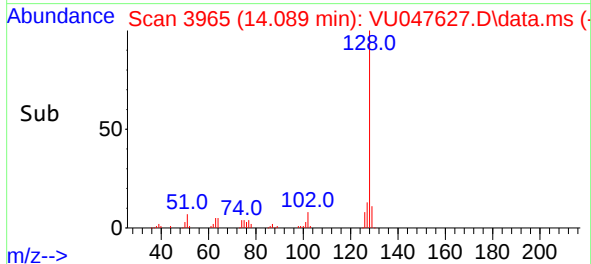
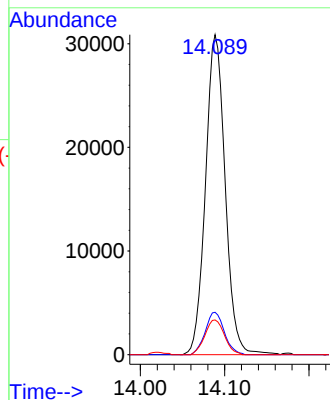
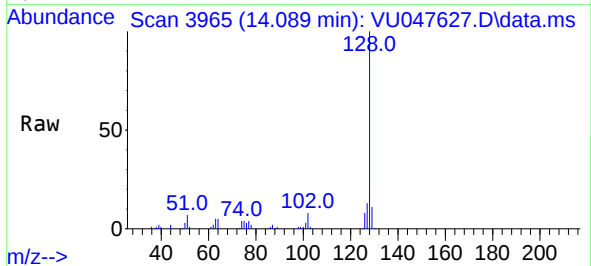
#89
Naphthalene
Concen: 1.978 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBSD01

Tgt Ion:128 Resp: 5018
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#90
1,2,3-Trichlorobenzene
Concen: 2.144 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047627.D
Acq: 21 Mar 2022 12:09

Tgt Ion:180 Resp: 30188
Ion Ratio Lower Upper
180 100
182 93.5 75.4 113.0
145 29.0 27.0 40.4

