

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031822\
 Data File : VU047617.D
 Acq On : 18 Mar 2022 15:47
 Operator : SY/MD
 Sample : VU0318WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0318WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Mar 19 05:46:32 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	6.115	96	32428	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	10997	0.910	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	13930	0.951	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	20297	1.733	ug/l	99
3) Chloromethane	1.530	50	19997	1.747	ug/l	96
4) Vinyl Chloride	1.604	62	19541	1.759	ug/l	98
5) Bromomethane	1.858	94	9588	1.472	ug/l	95
6) Chloroethane	1.935	64	11676	1.758	ug/l	98
7) Trichlorofluoromethane	2.141	101	26968	1.756	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	15248	1.738	ug/l	# 88
9) 1,1-Dichloroethene	2.581	96	14893	1.717	ug/l	90
10) Iodomethane	2.726	142	6490	2.385	ug/l	99
11) Allyl Chloride	2.925	41	19508	1.789	ug/l	97
12) Acrylonitrile	3.327	53	7435	3.885	ug/l	99
13) Acetone	2.649	43	9573	7.355	ug/l	97
14) Carbon Disulfide	2.797	76	47322	1.727	ug/l	96
15) Methylene Chloride	3.047	84	18185	1.326	ug/l	94
16) trans-1,2-Dichloroethene	3.353	96	15720	1.724	ug/l	92
17) 1,1-Dichloroethane	3.870	63	27298	1.764	ug/l	99
18) 2-Butanone	4.729	43	18985	9.365	ug/l	98
19) Cyclohexane	5.388	56	19623m	1.690	ug/l	
20) Methylcyclohexane	6.764	83	22610	1.697	ug/l	95
21) 2,2-Dichloropropane	4.668	77	23041	1.694	ug/l	95
22) cis-1,2-Dichloroethene	4.671	96	16370	1.653	ug/l	90
23) Diethyl Ether	2.379	59	11378	1.796	ug/l	96
24) tert-Butyl Alcohol	3.240	59	7338m	16.791	ug/l	
25) Methyl tert-Butyl Ether	3.369	73	36568	1.732	ug/l	96
26) Bromochloromethane	4.977	128	8778	1.752	ug/l	82
27) Chloroform	5.092	83	29562	1.767	ug/l	98
28) 1,1,1-Trichloroethane	5.317	97	26159	1.801	ug/l	94
29) 1,1-Dichloropropene	5.530	75	20871	1.773	ug/l	96
30) Carbon Tetrachloride	5.523	117	22797	1.761	ug/l	97
31) Isopropyl Ether	4.002	45	35811	1.743	ug/l	92
32) Ethyl-t-butyl ether	4.507	59	35616	1.717	ug/l	90
33) Tert-Amyl methyl ether	5.948	73	32406	1.662	ug/l	96
34) Propionitrile	4.803	54	4313	7.026	ug/l	# 87
35) Benzene	5.777	78	61535	1.747	ug/l	100
36) 1,2-Dichloroethane	5.800	62	18496	1.736	ug/l	100
37) Trichloroethene	6.546	130	17989	1.767	ug/l	89
38) 1,2-Dichloropropane	6.793	63	15588	1.718	ug/l	99
39) Methacrylonitrile	4.983	41	4313	1.698	ug/l	# 94
40) Methyl acrylate	4.854	55	7264	1.692	ug/l	97
41) Tetrahydrofuran	5.070	42	4502	3.493	ug/l	98
42) 1-Chlorobutane	5.459	56	26163	1.724	ug/l	100
43) Dibromomethane	6.922	93	9228	1.697	ug/l	# 82
44) Bromodichloromethane	7.108	83	22189	1.759	ug/l	98

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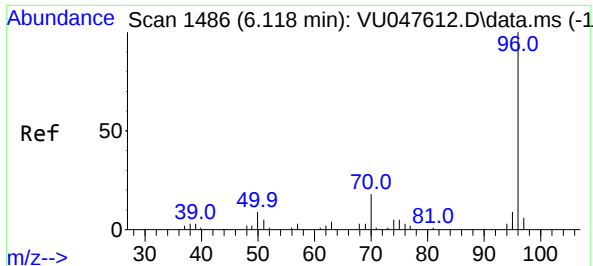
Manual Integrations
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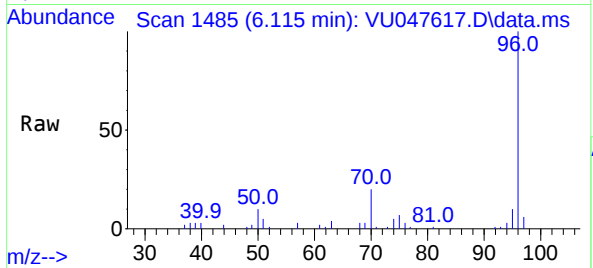
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	45880	8.442	ug/l	99
46) t-1,4-Dichloro-2-butene	10.835	75	9048m	3.833	ug/l	
47) Methyl methacrylate	6.967	69	15492	3.523	ug/l	88
48) Ethyl methacrylate	8.337	69	13622	1.644	ug/l	88
49) Toluene	7.973	92	38131	1.761	ug/l	100
50) t-1,3-Dichloropropene	8.214	75	19053	1.631	ug/l	93
51) cis-1,3-Dichloropropene	7.610	75	21923	1.704	ug/l	94
52) 1,1,2-Trichloroethane	8.404	97	13713	1.813	ug/l	94
53) 1,3-Dichloropropane	8.578	76	21539	1.749	ug/l	99
54) 2-Hexanone	8.693	43	31923	8.045	ug/l	99
55) Dibromochloromethane	8.812	129	16481	1.725	ug/l	96
56) 1,2-Dibromoethane	8.928	107	13268	1.762	ug/l	99
58) Tetrachloroethene	8.555	164	16240	1.731	ug/l	95
59) Chlorobenzene	9.449	112	43807	1.736	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.536	131	17014	1.737	ug/l	99
61) Pentachloroethane	11.430	117	13942	1.682	ug/l	85
62) Hexachloroethane	12.475	117	13773	1.674	ug/l #	69
63) Ethyl Benzene	9.571	91	66231	1.676	ug/l	97
64) m/p-Xylenes	9.697	106	52950	3.377	ug/l	94
65) o-Xylene	10.102	106	25042	1.688	ug/l	96
66) Styrene	10.115	104	41614	1.626	ug/l	96
67) Bromoform	10.291	173	10860	1.708	ug/l #	98
69) Isopropylbenzene	10.484	105	64536	1.643	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.783	83	17711	1.758	ug/l	98
71) 1,2,3-Trichloropropane	10.828	75	11341m	1.426	ug/l	
72) Bromobenzene	10.783	156	20820	1.767	ug/l	77
73) n-propylbenzene	10.906	120	18694	1.640	ug/l	89
74) 2-Chlorotoluene	10.986	126	18067	1.725	ug/l	80
75) 1,3,5-Trimethylbenzene	11.089	105	56598	1.748	ug/l	97
76) 4-Chlorotoluene	11.099	126	19332	1.735	ug/l	75
77) tert-Butylbenzene	11.423	119	56860	1.661	ug/l	92
78) 1,2,4-Trimethylbenzene	11.468	105	56666	1.716	ug/l	96
79) sec-Butylbenzene	11.645	105	75293	1.688	ug/l	98
80) Nitrobenzene	13.214	77	2794	6.791	ug/l #	94
81) p-Isopropyltoluene	11.793	119	62043	1.753	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	40827	1.754	ug/l	97
83) 1,4-Dichlorobenzene	11.838	146	40496	1.731	ug/l	96
84) n-Butylbenzene	12.211	91	58251	1.775	ug/l	94
85) 1,2-Dichlorobenzene	12.214	146	38649	1.729	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	13.002	75	2808	1.653	ug/l #	77
87) 1,2,4-Trichlorobenzene	13.841	180	26984	1.690	ug/l	96
88) Hexachlorobutadiene	14.021	225	16259	1.696	ug/l	98
89) Naphthalene	14.089	128	41438	1.528	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	25186	1.674	ug/l	96

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

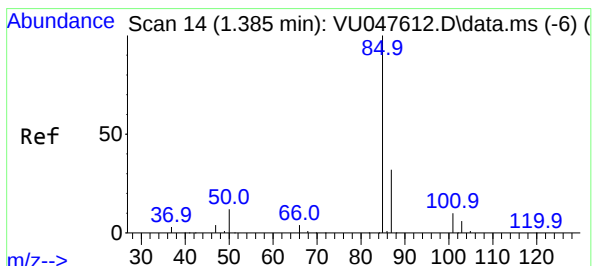
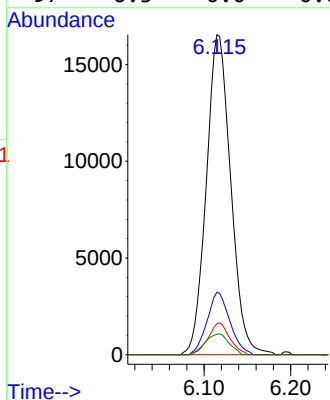
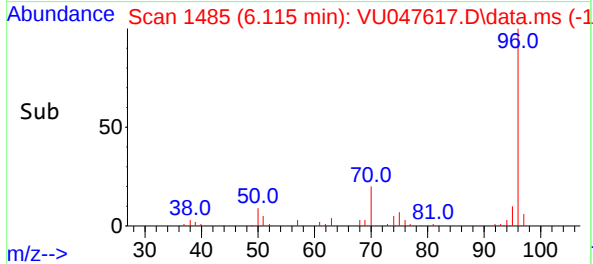
Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01



Tgt Ion: 96 Resp: 32428
Ion Ratio Lower Upper
96 100
70 18.2 16.8 25.2
95 8.8 7.3 10.9
97 6.3 0.0 0.0#

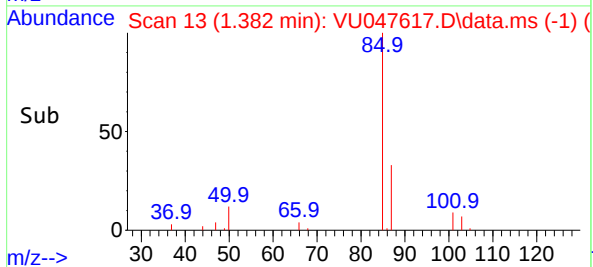
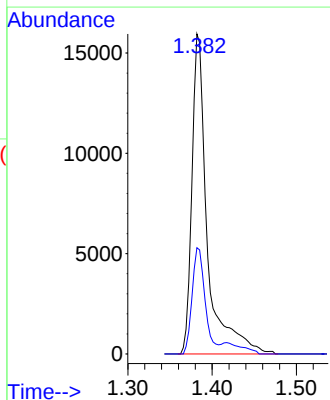
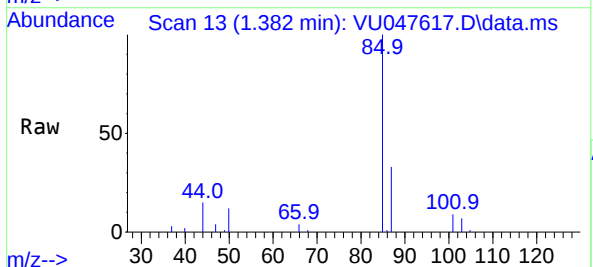
Manual Integrations
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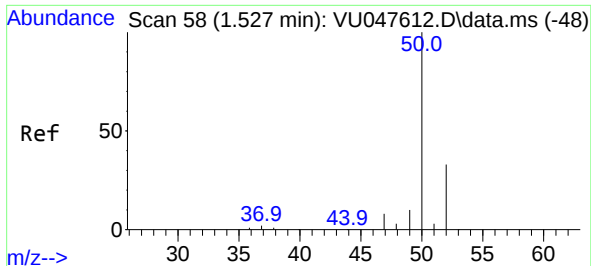
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#2
Dichlorodifluoromethane
Concen: 1.733 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

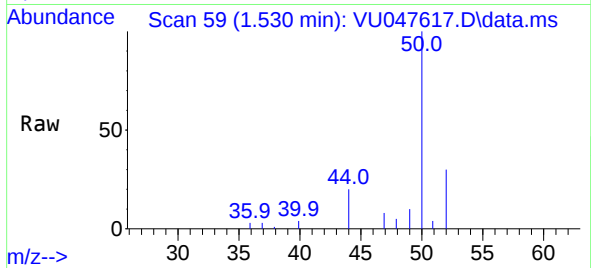
Tgt Ion: 85 Resp: 20297
Ion Ratio Lower Upper
85 100
87 33.2 16.2 48.6





#3
Chloromethane
Concen: 1.747 ug/l
RT: 1.530 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

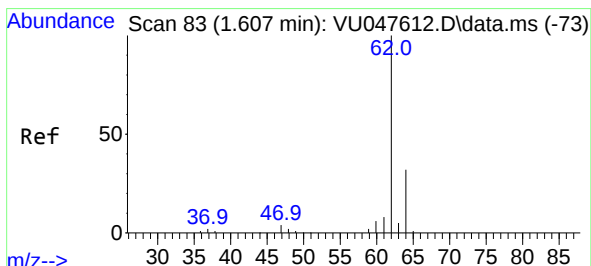
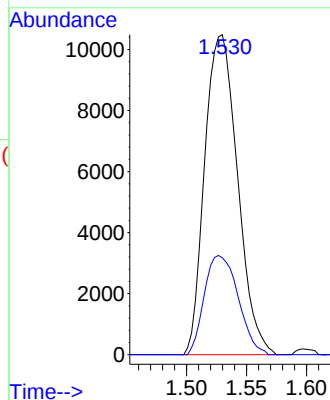
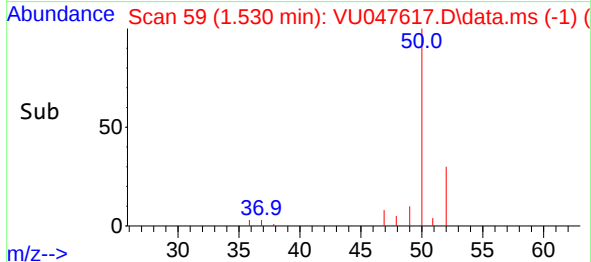
Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01



Tgt Ion: 50 Resp: 1999
Ion Ratio Lower Upper
50 100
52 30.3 26.2 39.4

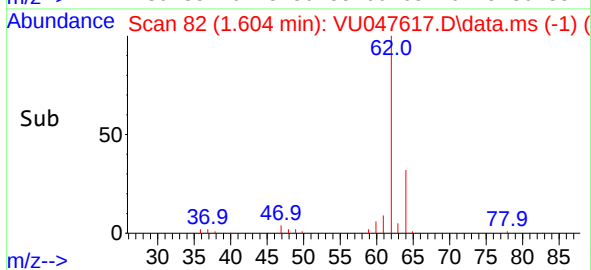
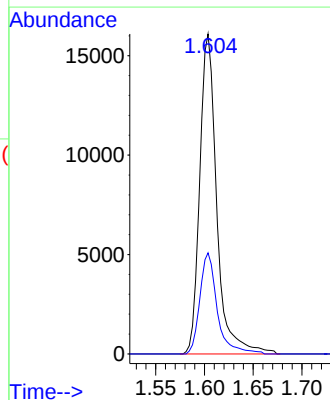
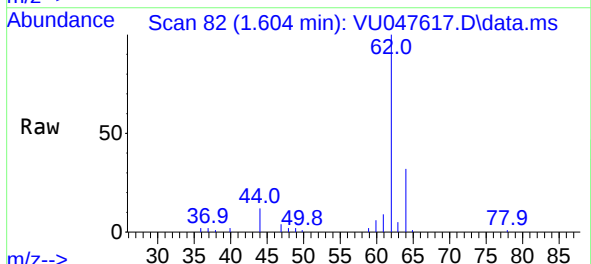
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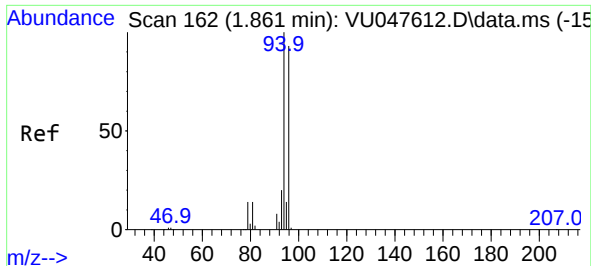
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#4
Vinyl Chloride
Concen: 1.759 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

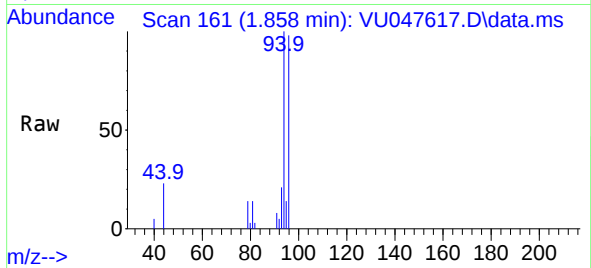
Tgt Ion: 62 Resp: 19541
Ion Ratio Lower Upper
62 100
64 31.6 26.0 39.0





#5
Bromomethane
Concen: 1.472 ug/l
RT: 1.858 min Scan# 10
Delta R.T. -0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

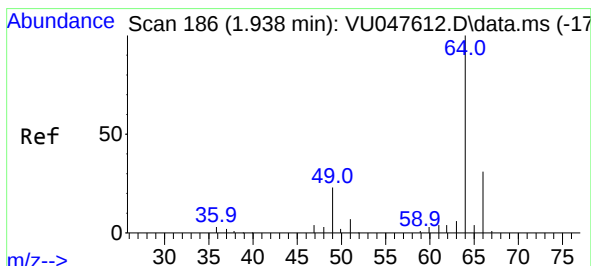
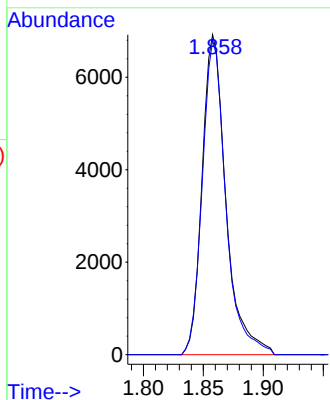
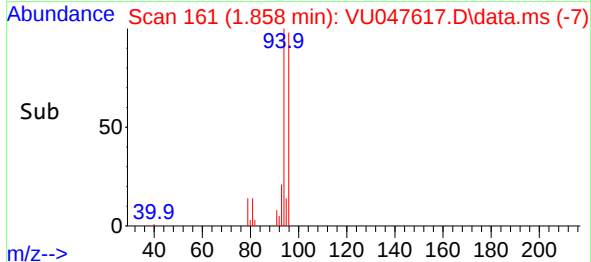
Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01



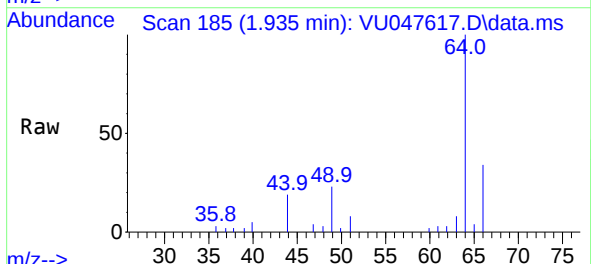
Tgt Ion: 94 Resp: 9588
Ion Ratio Lower Upper
94 100
96 98.3 75.0 112.4

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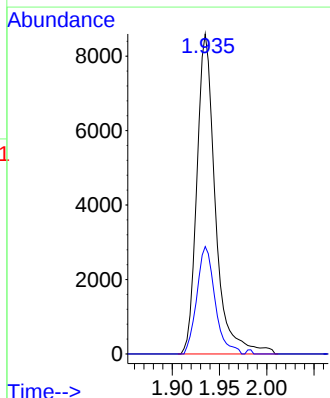
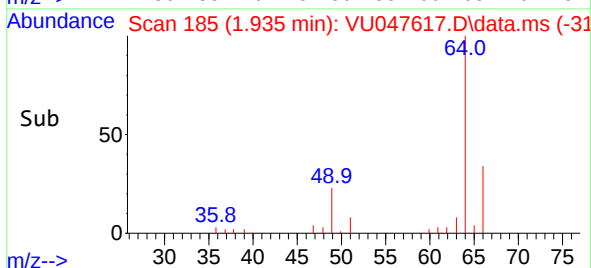
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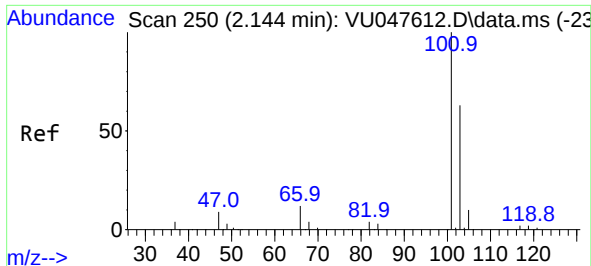


#6
Chloroethane
Concen: 1.758 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47



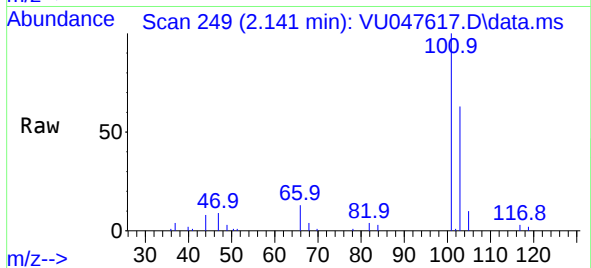
Tgt Ion: 64 Resp: 11676
Ion Ratio Lower Upper
64 100
66 33.5 25.8 38.8





#7
Trichlorofluoromethane
Concen: 1.756 ug/l
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

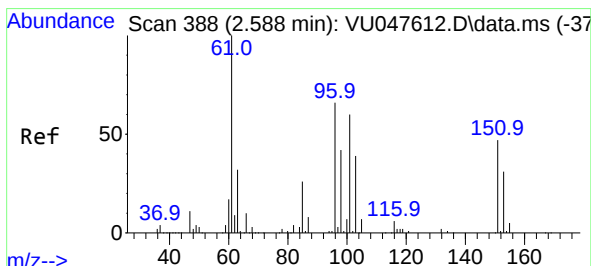
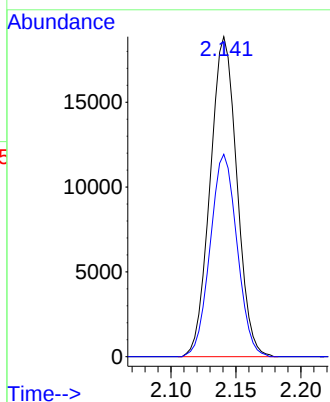
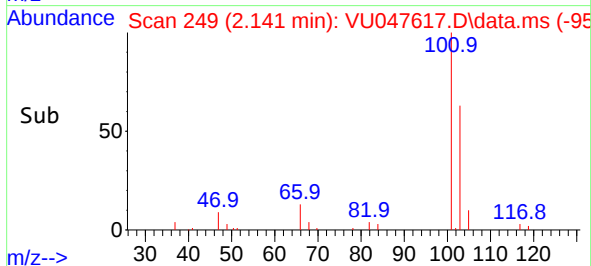
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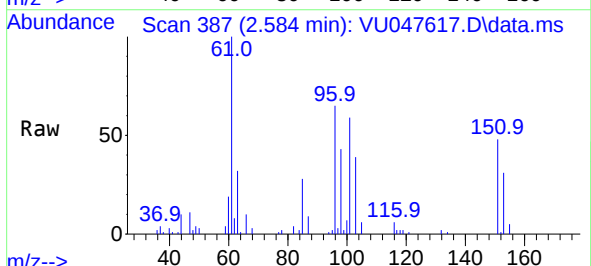
Tgt Ion:101 Resp: 2696
Ion Ratio Lower Upper
101 100
103 63.2 52.2 78.2

Manual Integrations
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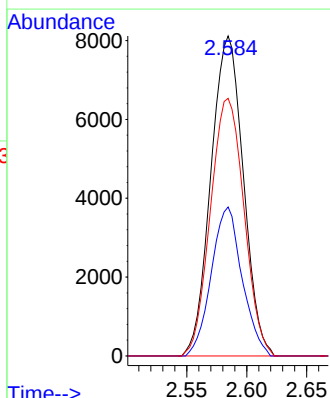
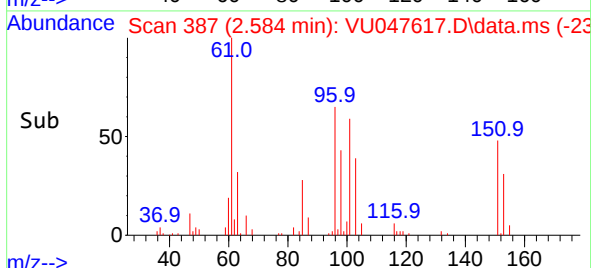
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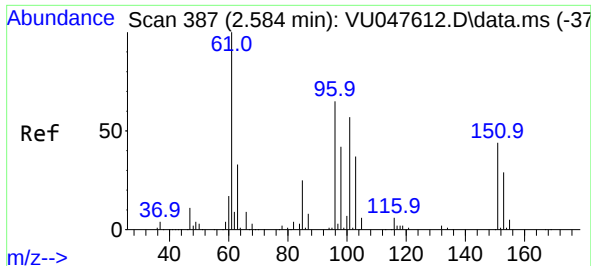


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.738 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47



Tgt Ion:101 Resp: 15248
Ion Ratio Lower Upper
101 100
85 44.2 35.8 53.6
151 83.3 54.6 81.8#





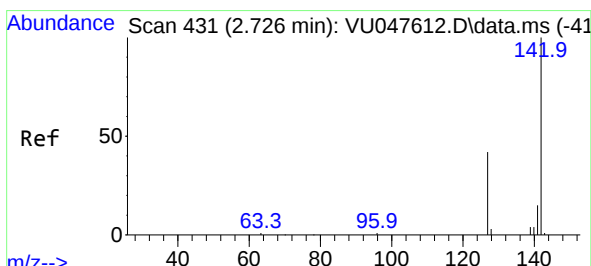
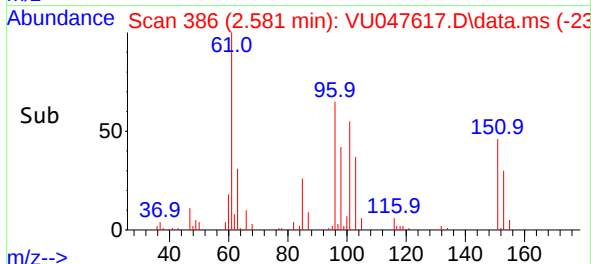
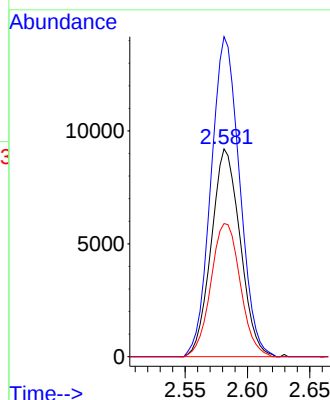
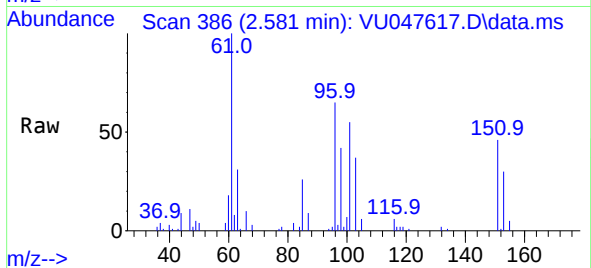
#9
1,1-Dichloroethene
Concen: 1.717 ug/l
RT: 2.581 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01

Tgt Ion: 96 Resp: 1489
Ion Ratio Lower Upper
96 100
61 154.0 0.0 514.2
98 64.1 0.0 126.4

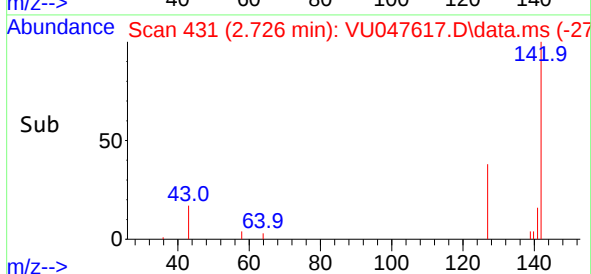
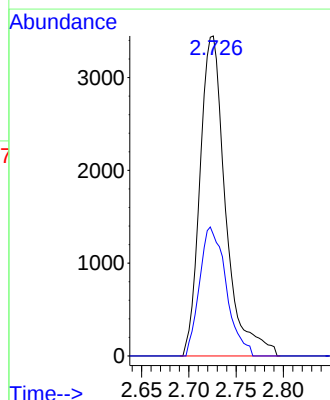
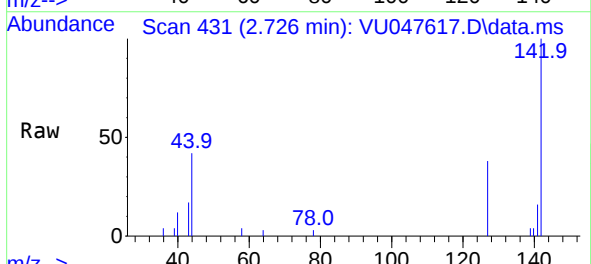
Manual Integrations
APPROVED

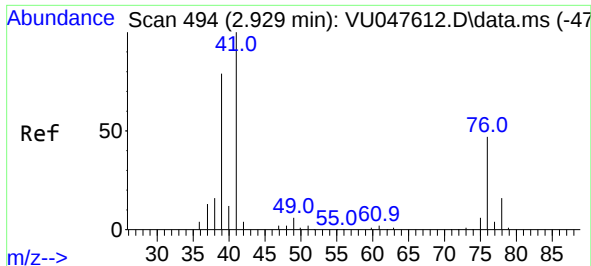
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#10
Iodomethane
Concen: 2.385 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

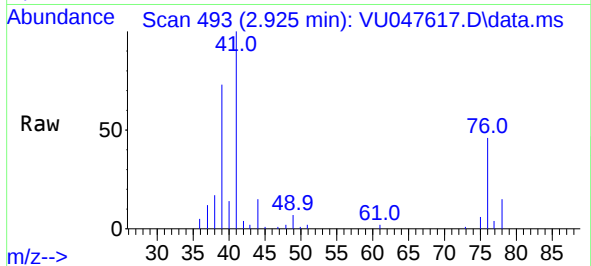
Tgt Ion:142 Resp: 6490
Ion Ratio Lower Upper
142 100
127 41.8 33.2 49.8





#11
 Allyl Chloride
 Concen: 1.789 ug/l
 RT: 2.925 min Scan# 494
 Delta R.T. -0.003 min
 Lab File: VU047617.D
 Acq: 18 Mar 2022 15:47

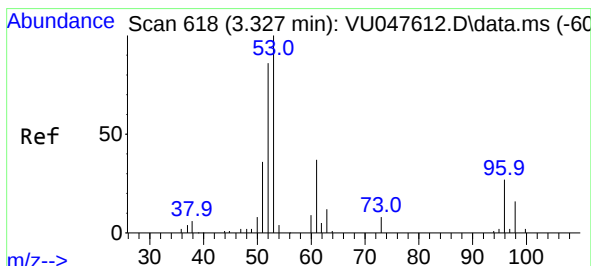
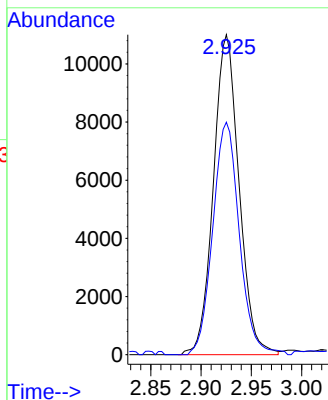
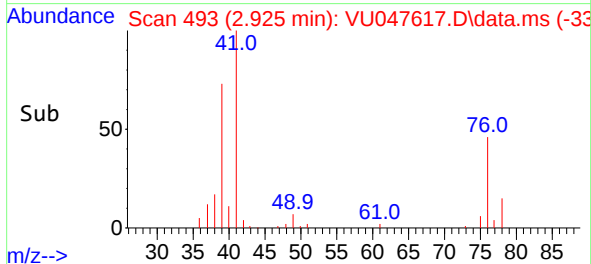
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0318WBSD01



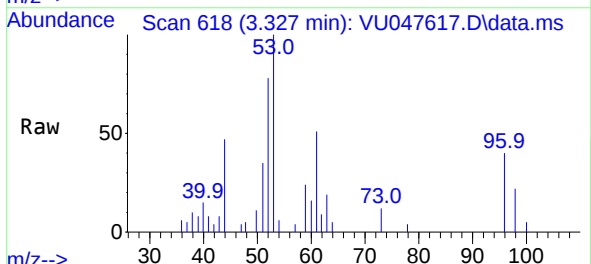
Tgt Ion: 41 Resp: 19508
 Ion Ratio Lower Upper
 41 100
 39 75.2 62.4 93.6

Manual Integrations
 APPROVED

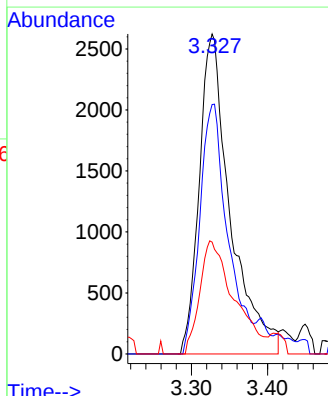
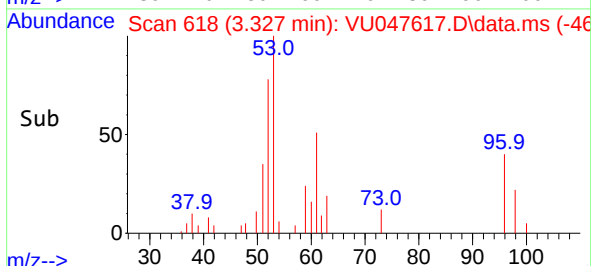
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 03/31/2022

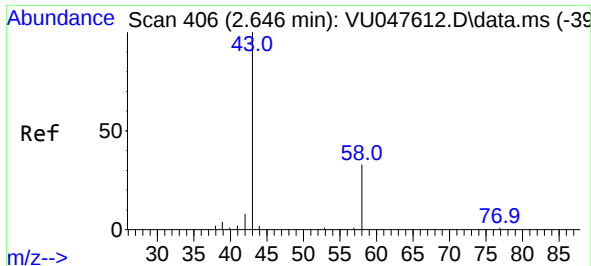


#12
 Acrylonitrile
 Concen: 3.885 ug/l
 RT: 3.327 min Scan# 618
 Delta R.T. -0.000 min
 Lab File: VU047617.D
 Acq: 18 Mar 2022 15:47



Tgt Ion: 53 Resp: 7435
 Ion Ratio Lower Upper
 53 100
 52 70.5 56.7 85.1
 51 39.6 30.3 45.5





#13

Acetone

Concen: 7.355 ug/l

RT: 2.649 min Scan# 406

Delta R.T. 0.003 min

Lab File: VU047617.D

Acq: 18 Mar 2022 15:47

Instrument :

MSVOA_U

ClientSampleId :

VU0318WBSD01

Tgt Ion: 43 Resp: 957

Ion Ratio Lower Upper

43 100

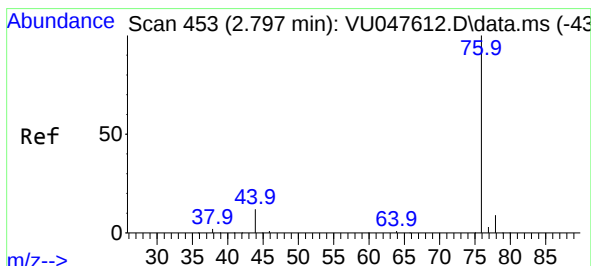
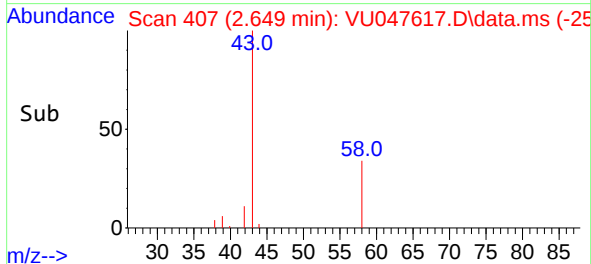
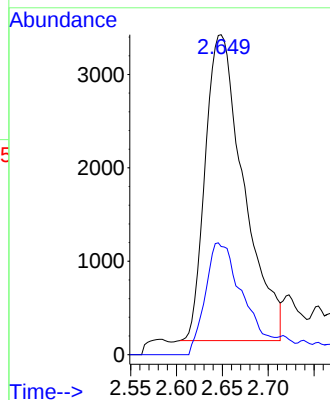
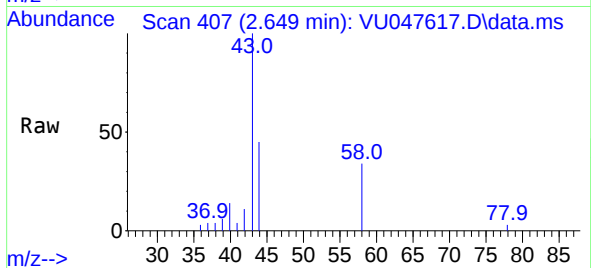
58 35.3 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#14

Carbon Disulfide

Concen: 1.727 ug/l

RT: 2.797 min Scan# 453

Delta R.T. -0.000 min

Lab File: VU047617.D

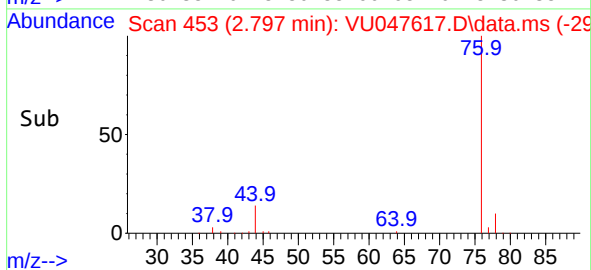
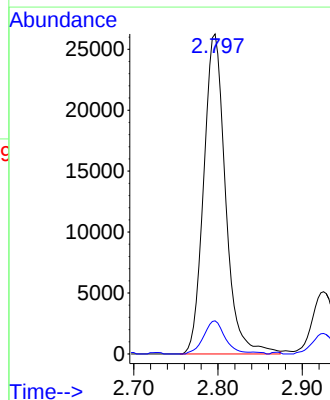
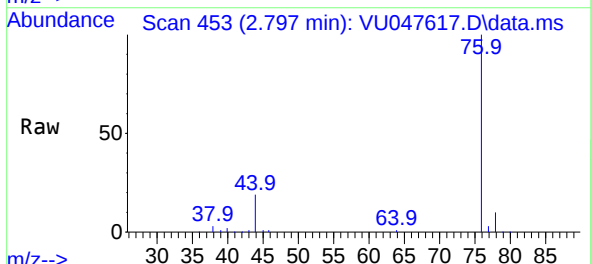
Acq: 18 Mar 2022 15:47

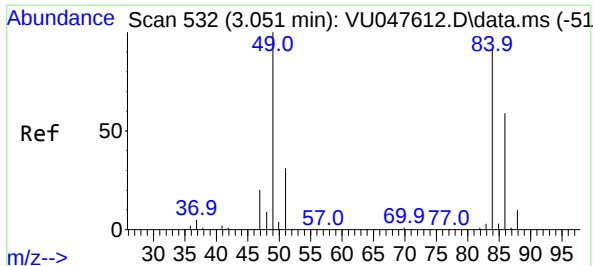
Tgt Ion: 76 Resp: 47322

Ion Ratio Lower Upper

76 100

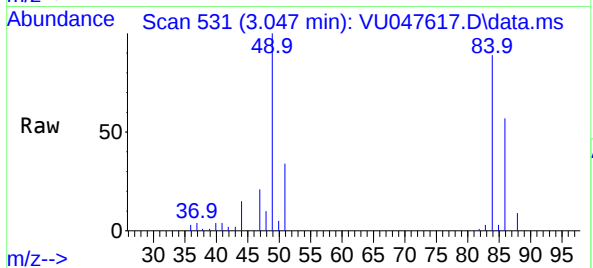
78 10.3 7.1 10.7





#15
Methylene Chloride
Concen: 1.326 ug/l
RT: 3.047 min Scan# 51
Delta R.T. -0.004 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

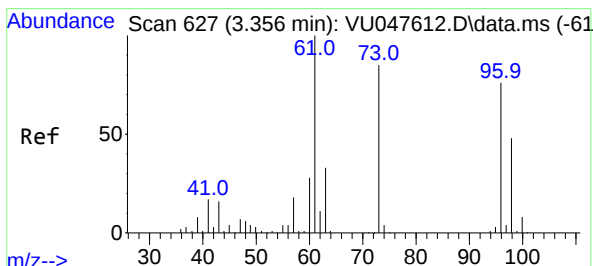
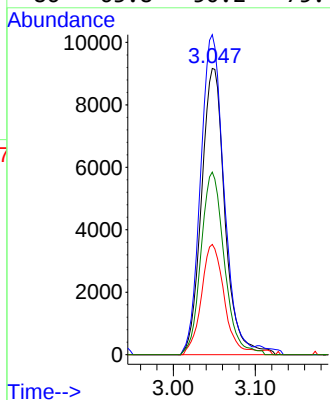
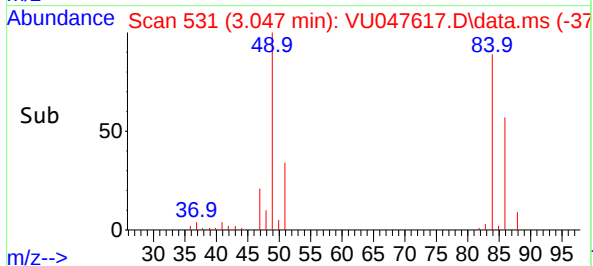
Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01



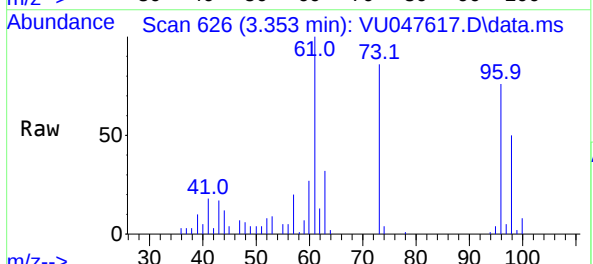
Tgt Ion: 84 Resp: 1818
Ion Ratio Lower Upper
84 100
49 111.8 97.2 145.8
51 38.5 0.0 73.4
86 63.8 50.2 75.4

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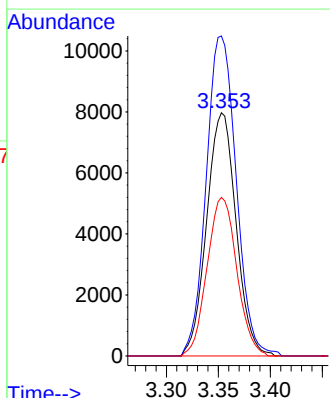
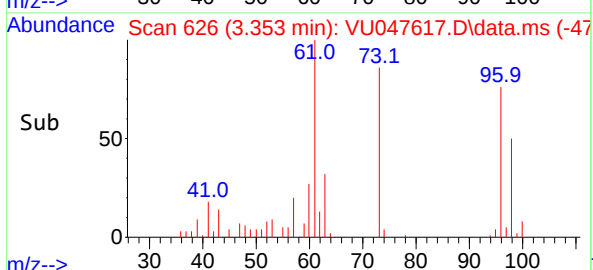
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

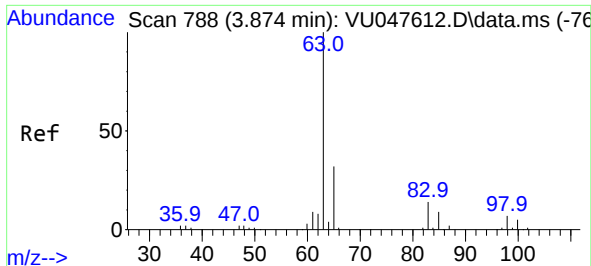


#16
trans-1,2-Dichloroethene
Concen: 1.724 ug/l
RT: 3.353 min Scan# 626
Delta R.T. -0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47



Tgt Ion: 96 Resp: 15720
Ion Ratio Lower Upper
96 100
61 131.6 115.8 173.6
98 65.2 51.1 76.7





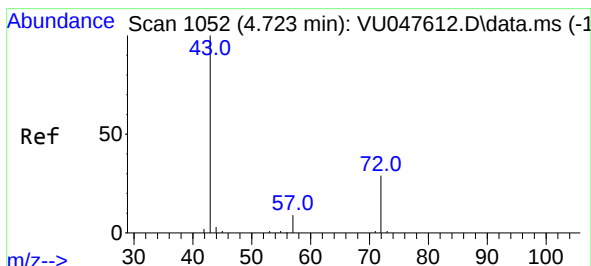
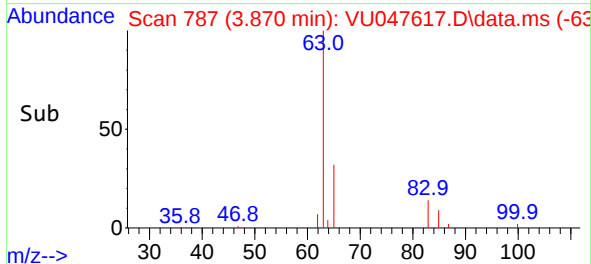
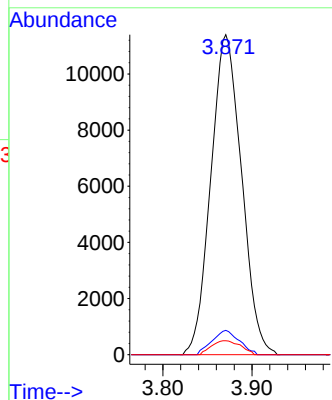
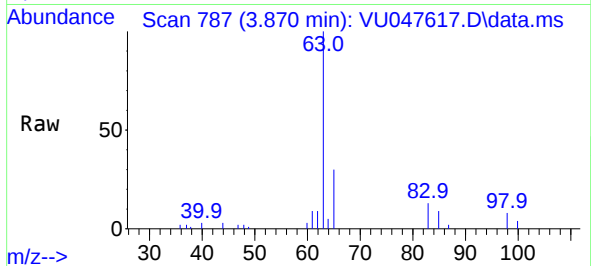
#17
1,1-Dichloroethane
Concen: 1.764 ug/l
RT: 3.870 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01

Tgt Ion: 63 Resp: 27298
Ion Ratio Lower Upper
63 100
98 7.6 3.6 10.8
100 4.4 2.1 6.5

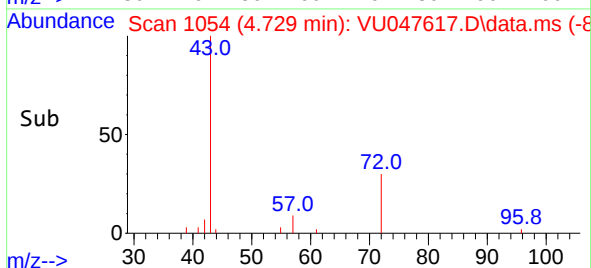
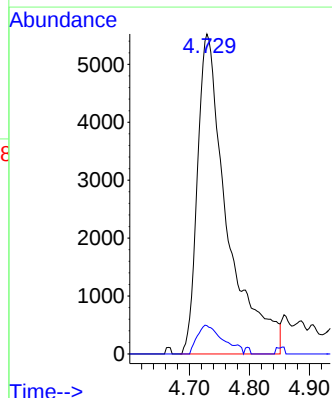
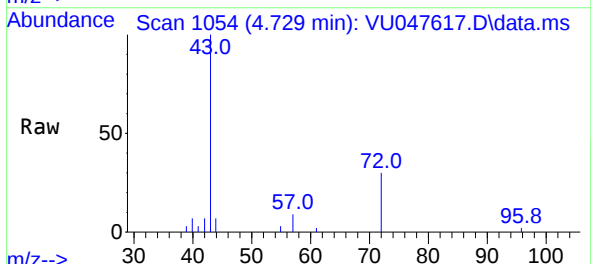
Manual Integrations
APPROVED

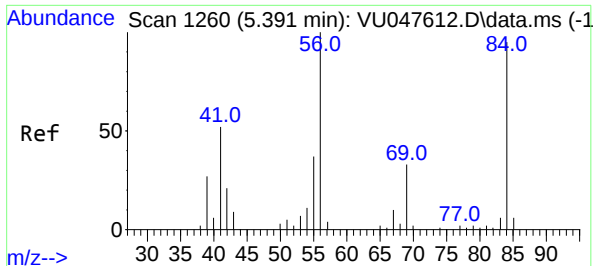
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#18
2-Butanone
Concen: 9.365 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Tgt Ion: 43 Resp: 18985
Ion Ratio Lower Upper
43 100
57 8.9 0.0 16.6





#19

Cyclohexane

Concen: 1.690 ug/l m

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU047617.D

Acq: 18 Mar 2022 15:47

Instrument :

MSVOA_U

ClientSampleId :

VU0318WBSD01

Tgt Ion: 56 Resp: 1962

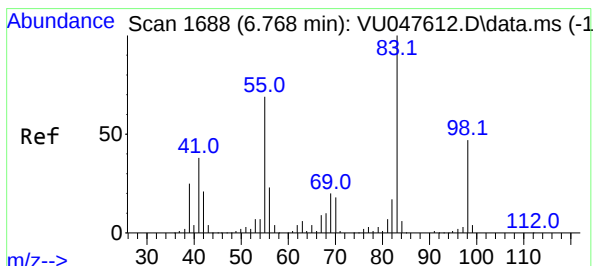
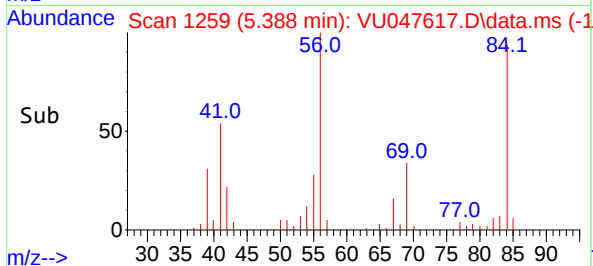
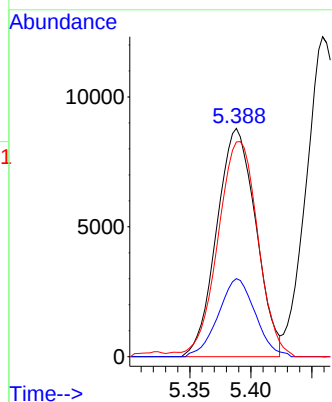
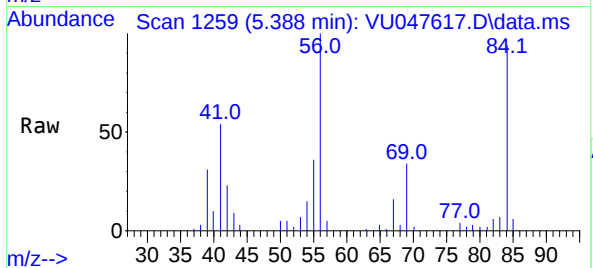
Ion	Ratio	Lower	Upper
56	100		
69	32.3	24.7	37.1
84	94.0	68.8	103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#20

Methylcyclohexane

Concen: 1.697 ug/l

RT: 6.764 min Scan# 1687

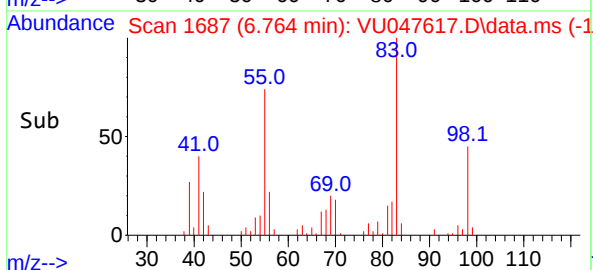
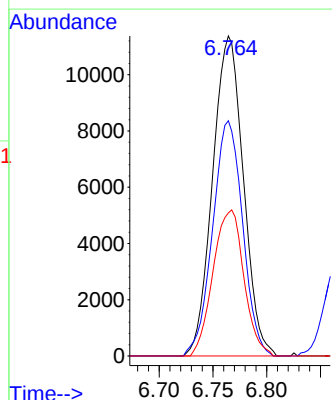
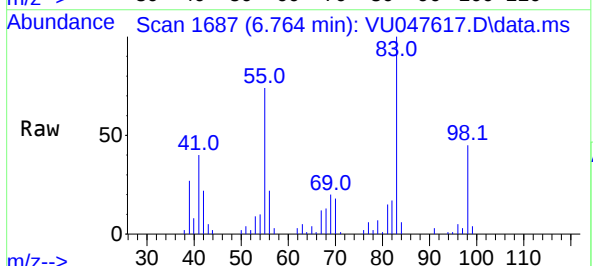
Delta R.T. -0.003 min

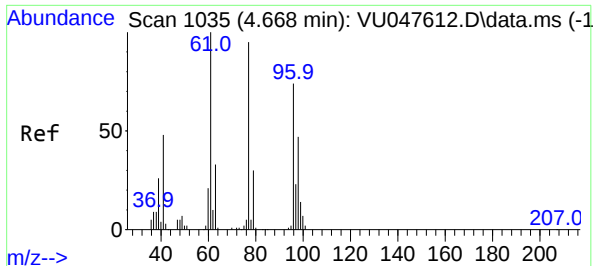
Lab File: VU047617.D

Acq: 18 Mar 2022 15:47

Tgt Ion: 83 Resp: 22610

Ion	Ratio	Lower	Upper
83	100		
55	71.8	61.9	92.9
98	45.8	37.4	56.2





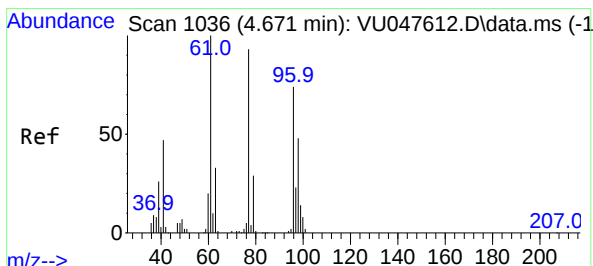
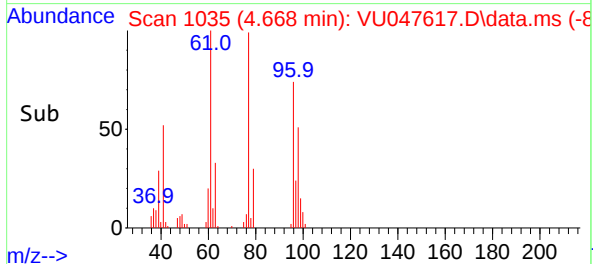
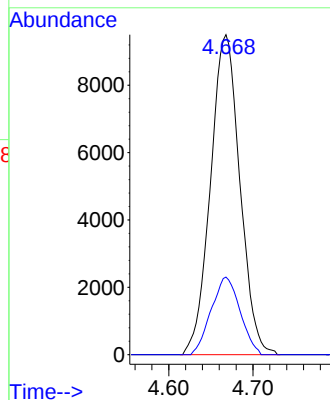
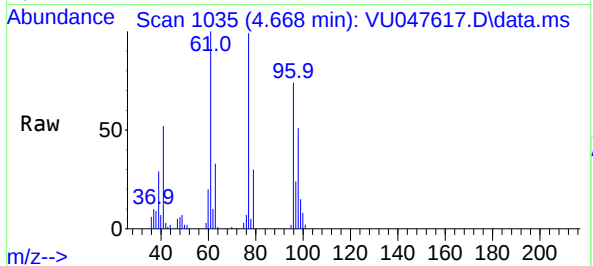
#21
2,2-Dichloropropane
Concen: 1.694 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01

Tgt Ion: 77 Resp: 2304
Ion Ratio Lower Upper
77 100
97 23.8 17.2 25.8

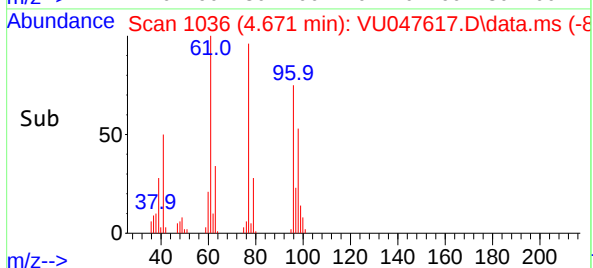
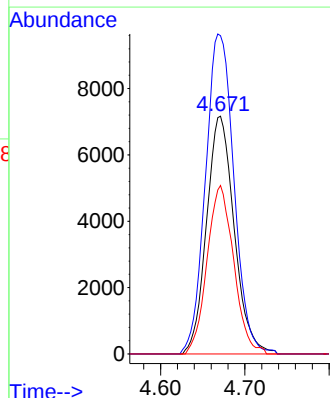
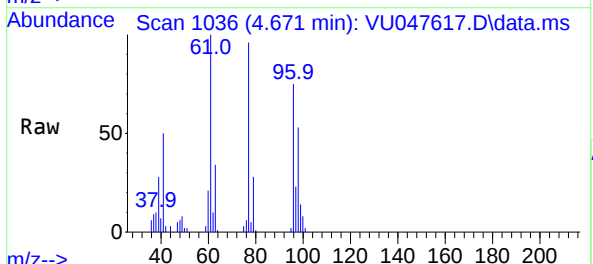
Manual Integrations
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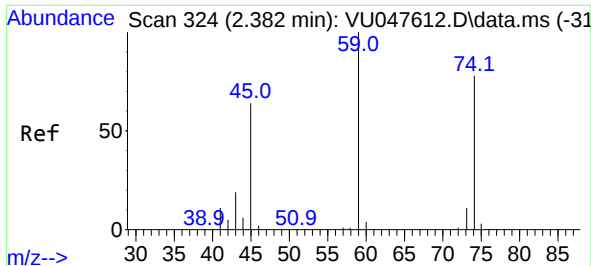
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#22
cis-1,2-Dichloroethene
Concen: 1.653 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Tgt Ion: 96 Resp: 16370
Ion Ratio Lower Upper
96 100
61 138.4 0.0 385.3
98 68.1 32.1 96.3





#23

Diethyl Ether

Concen: 1.796 ug/l

RT: 2.379 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU047617.D

Acq: 18 Mar 2022 15:47

Instrument :

MSVOA_U

ClientSampleId :

VU0318WBSD01

Tgt Ion: 59 Resp: 11378

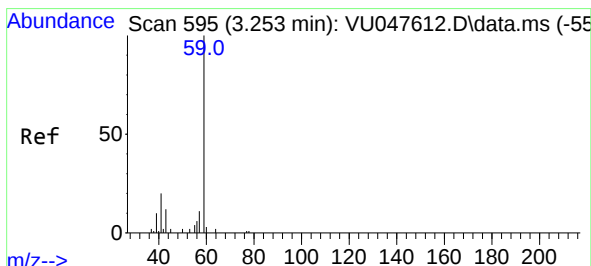
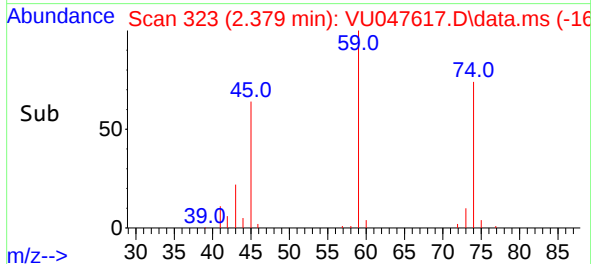
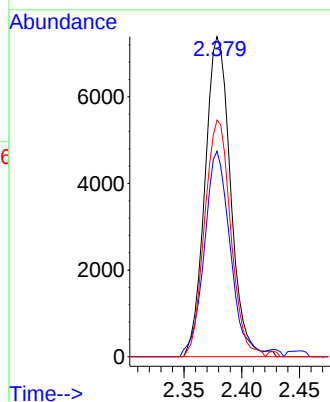
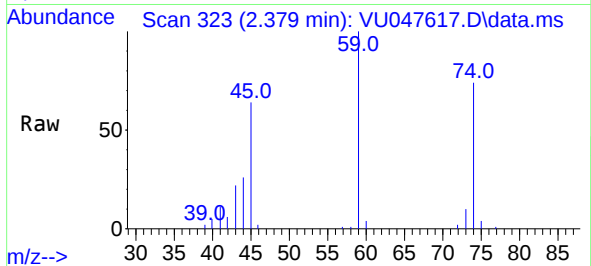
Ion	Ratio	Lower	Upper
59	100		
45	65.1	55.6	83.4
74	75.4	58.1	87.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#24

tert-Butyl Alcohol

Concen: 16.791 ug/l m

RT: 3.240 min Scan# 591

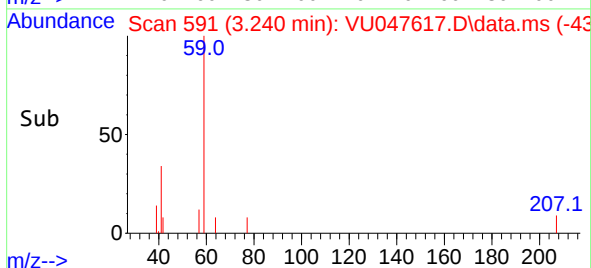
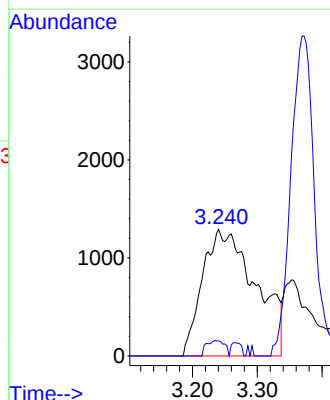
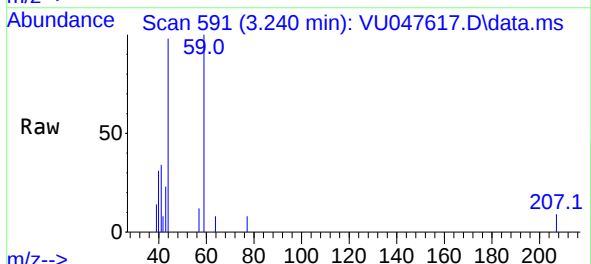
Delta R.T. -0.013 min

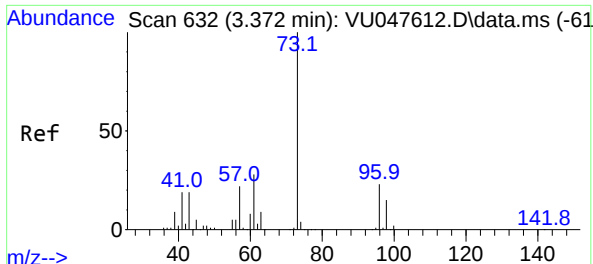
Lab File: VU047617.D

Acq: 18 Mar 2022 15:47

Tgt Ion: 59 Resp: 7338

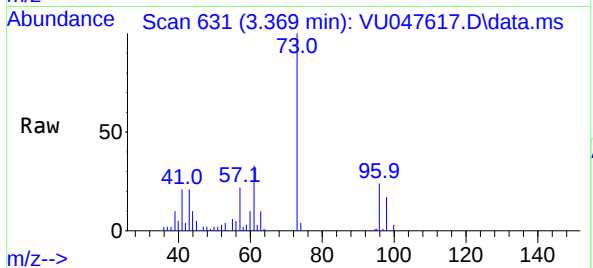
Ion	Ratio	Lower	Upper
59	100		
57	4.2	6.5	9.7#





#25
Methyl tert-Butyl Ether
Concen: 1.732 ug/l
RT: 3.369 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

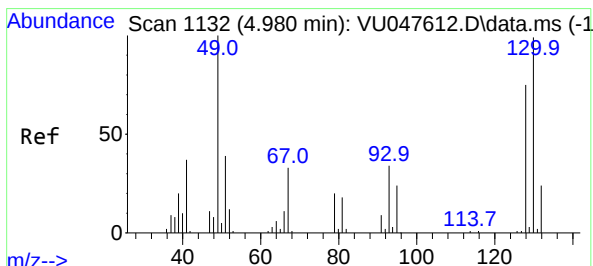
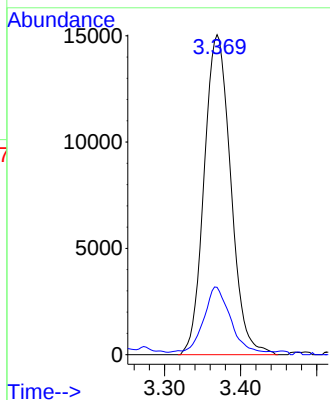
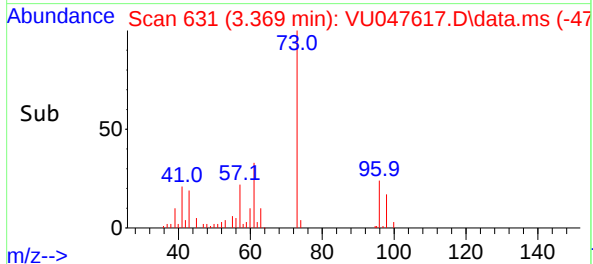
Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01



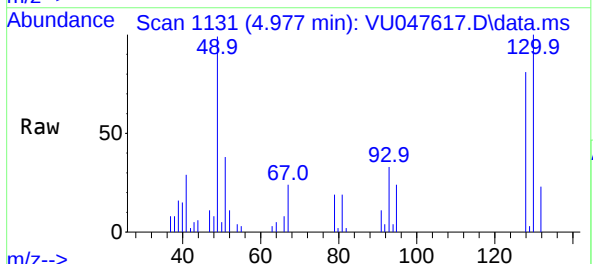
Tgt Ion: 73 Resp: 3656
Ion Ratio Lower Upper
73 100
43 22.3 16.3 24.5

Manual Integrations
APPROVED

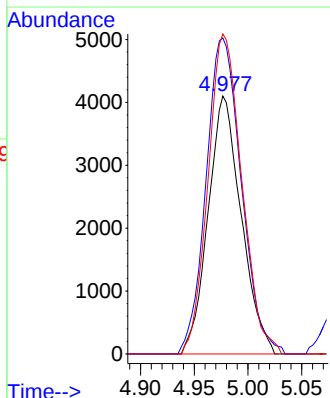
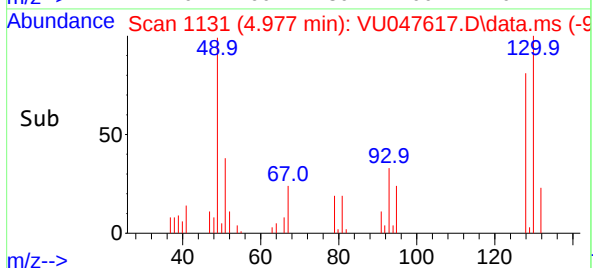
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

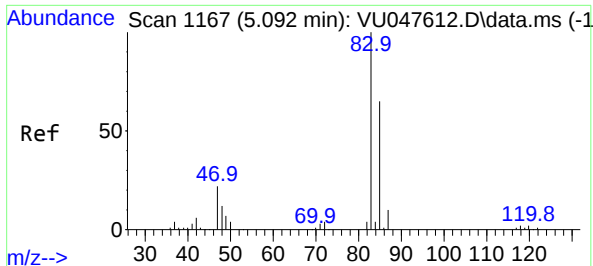


#26
Bromochloromethane
Concen: 1.752 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47



Tgt Ion:128 Resp: 8778
Ion Ratio Lower Upper
128 100
49 130.6 0.0 347.4
130 126.6 101.5 152.3





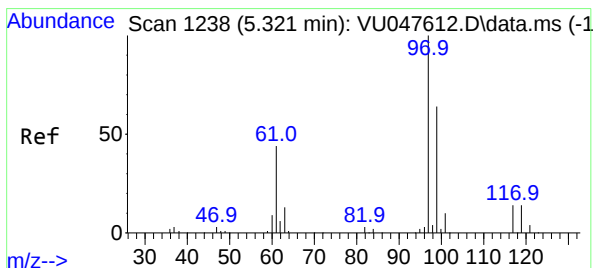
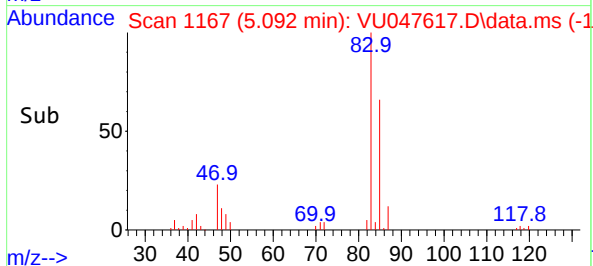
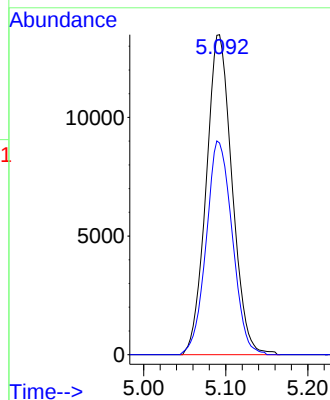
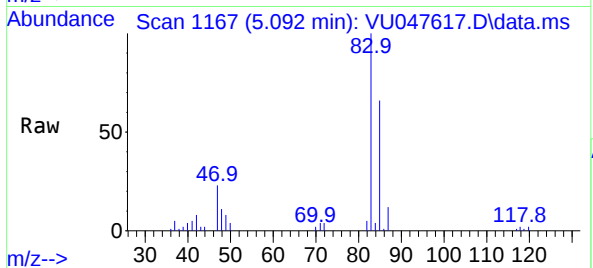
#27
Chloroform
Concen: 1.767 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01

Tgt Ion: 83 Resp: 2956
Ion Ratio Lower Upper
83 100
85 66.2 0.0 129.2

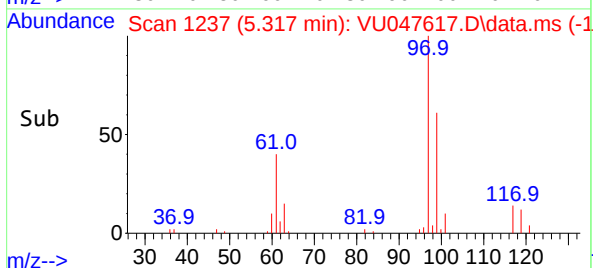
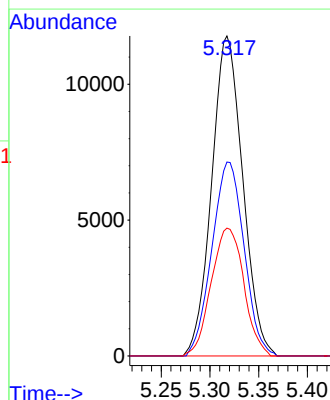
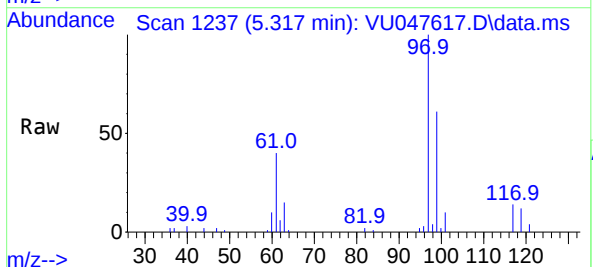
Manual Integrations
APPROVED

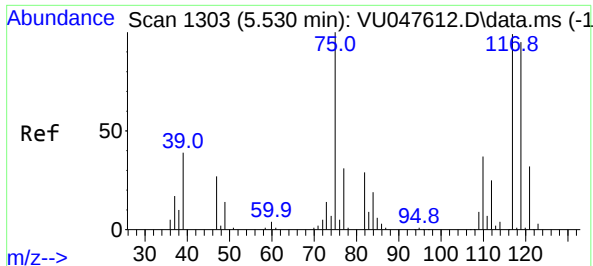
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#28
1,1,1-Trichloroethane
Concen: 1.801 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Tgt Ion: 97 Resp: 26159
Ion Ratio Lower Upper
97 100
99 62.6 32.2 96.6
61 41.9 24.5 73.5





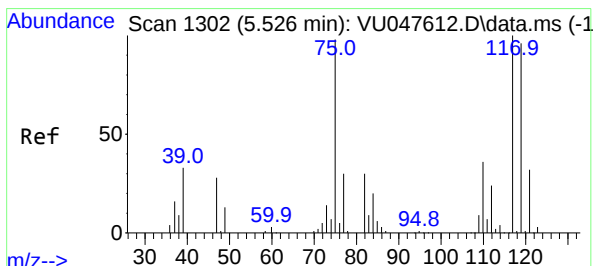
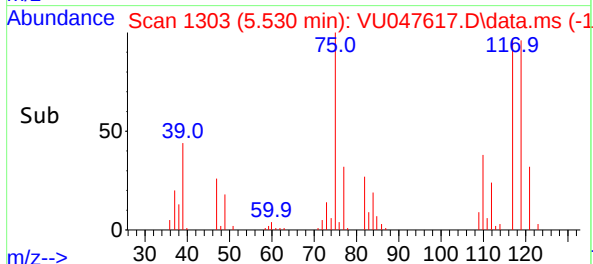
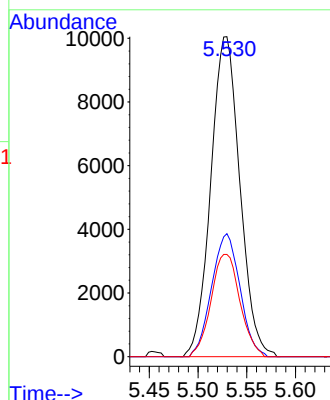
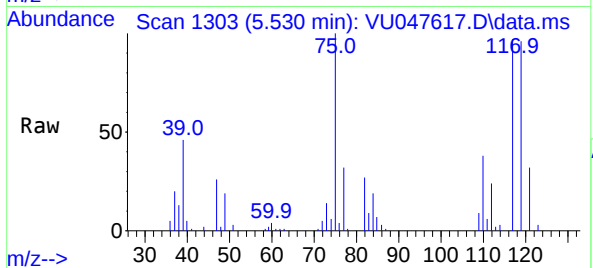
#29
1,1-Dichloropropene
Concen: 1.773 ug/l
RT: 5.530 min Scan# 110
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01

Tgt Ion: 75 Resp: 2087
Ion Ratio Lower Upper
75 100
110 37.5 16.8 50.3
77 31.8 24.7 37.1

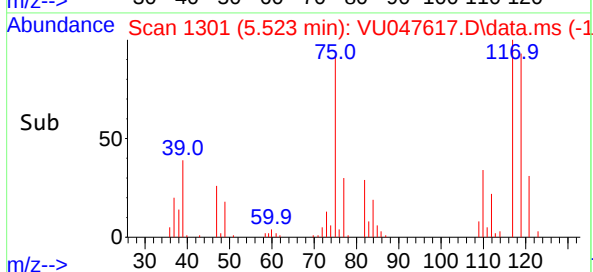
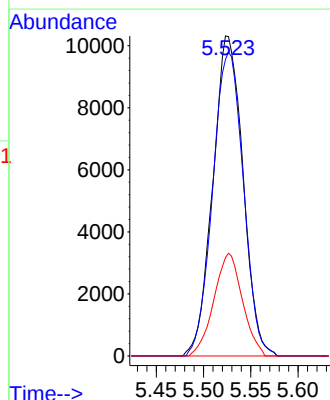
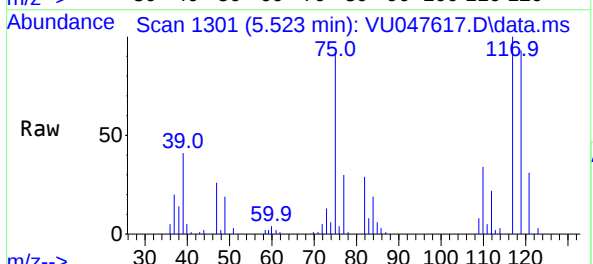
Manual Integrations
APPROVED

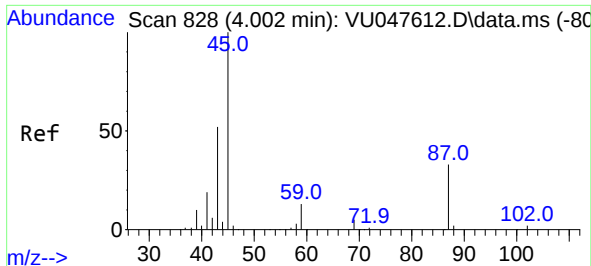
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#30
Carbon Tetrachloride
Concen: 1.761 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. -0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

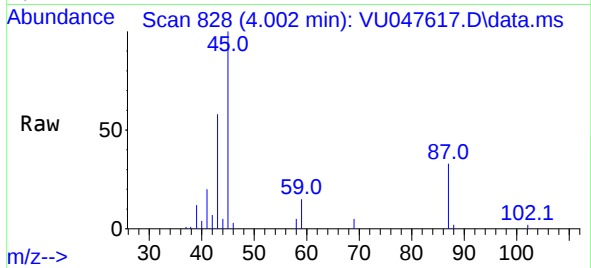
Tgt Ion:117 Resp: 22797
Ion Ratio Lower Upper
117 100
119 92.7 76.8 115.2
121 30.8 24.6 37.0





#31
Isopropyl Ether
Concen: 1.743 ug/l
RT: 4.002 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

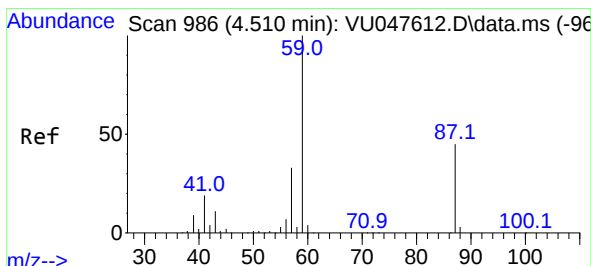
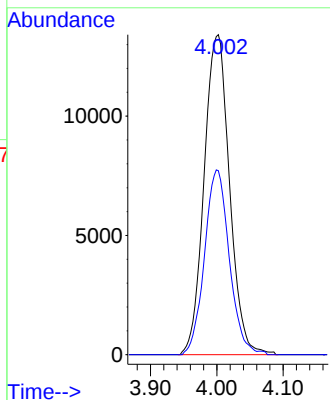
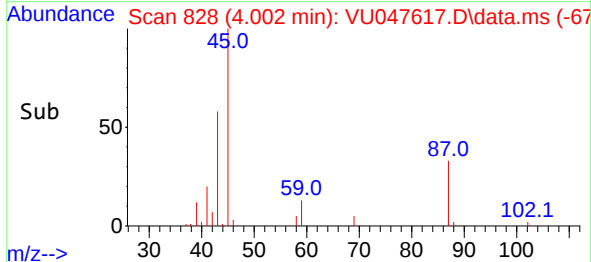
Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01



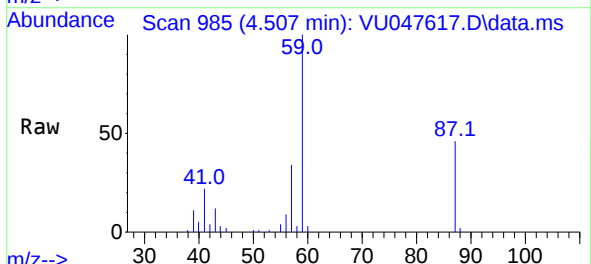
Tgt Ion: 45 Resp: 3581
Ion Ratio Lower Upper
45 100
43 56.3 25.3 75.8

Manual Integrations
APPROVED

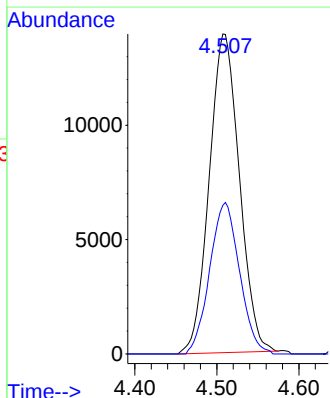
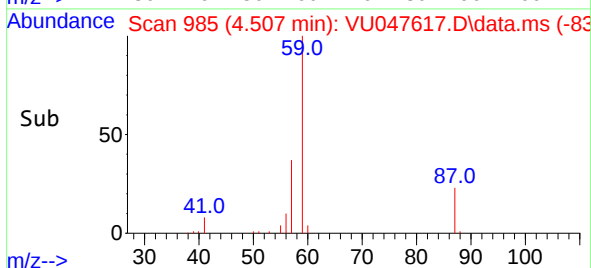
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

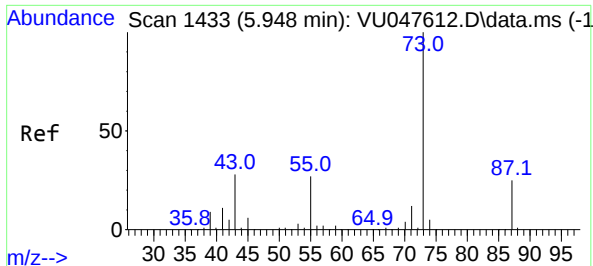


#32
Ethyl-t-butyl ether
Concen: 1.717 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47



Tgt Ion: 59 Resp: 35616
Ion Ratio Lower Upper
59 100
87 47.1 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 1.662 ug/l
RT: 5.948 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Instrument :

MSVOA_U

ClientSampleId :

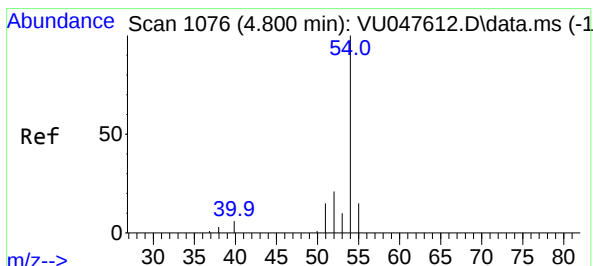
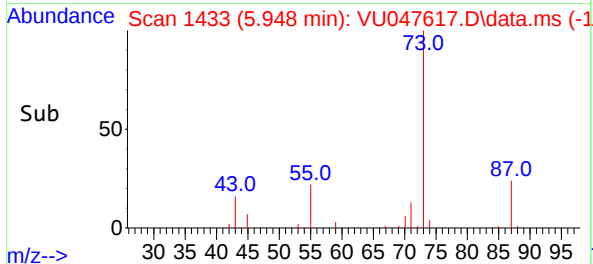
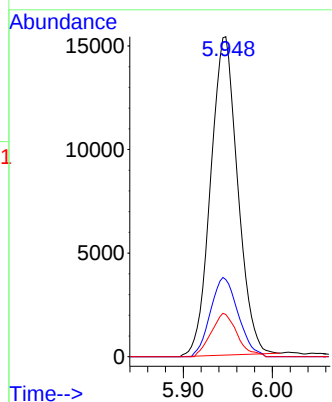
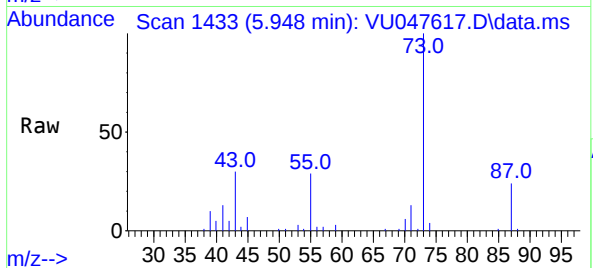
VU0318WBSD01

Tgt Ion: 73 Resp: 32400
Ion Ratio Lower Upper
73 100
87 25.4 18.6 28.0
71 13.1 9.0 13.6

Manual Integrations

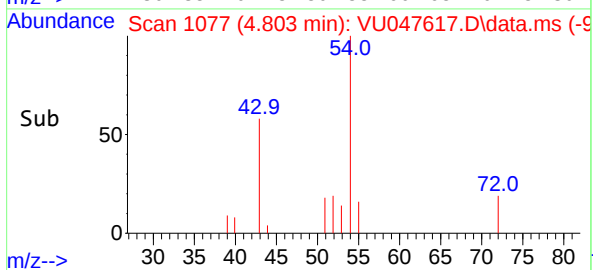
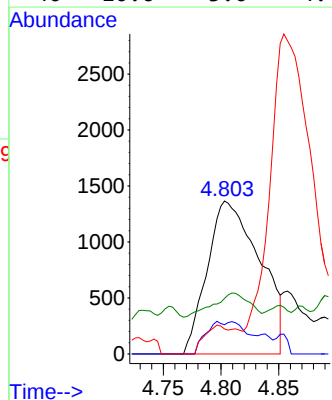
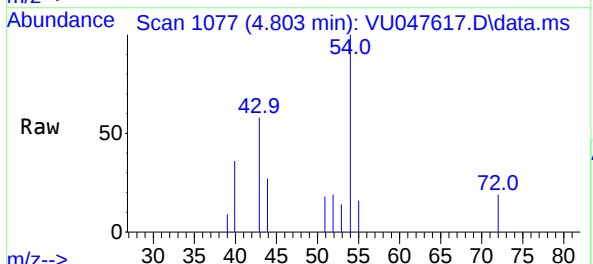
APPROVED

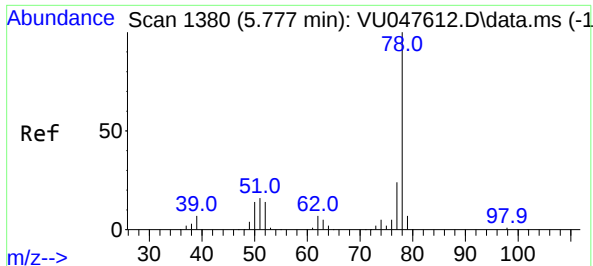
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#34
Propionitrile
Concen: 7.026 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Tgt Ion: 54 Resp: 4313
Ion Ratio Lower Upper
54 100
52 7.8 11.9 17.9#
55 8.1 8.0 12.0
40 10.6 3.0 4.4#





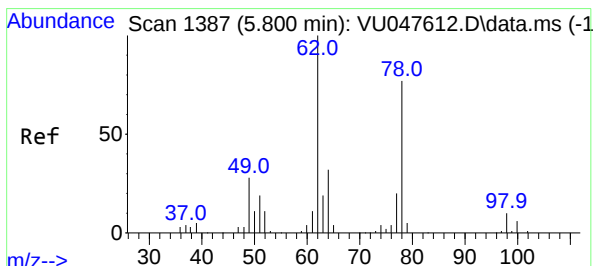
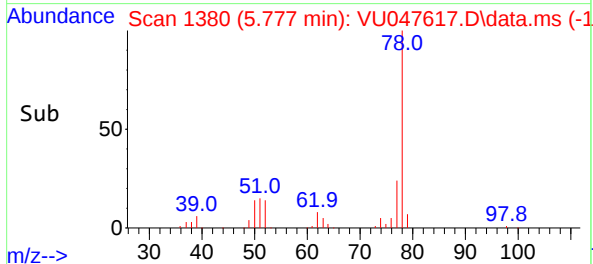
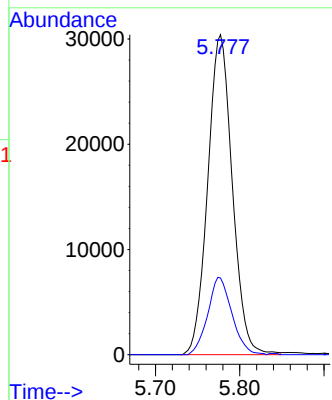
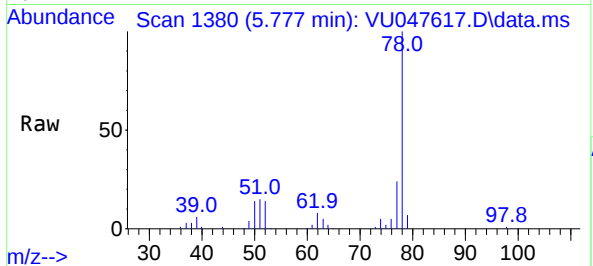
#35
Benzene
Concen: 1.747 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01

Tgt Ion: 78 Resp: 6153
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

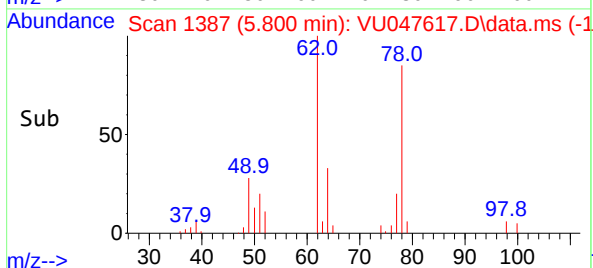
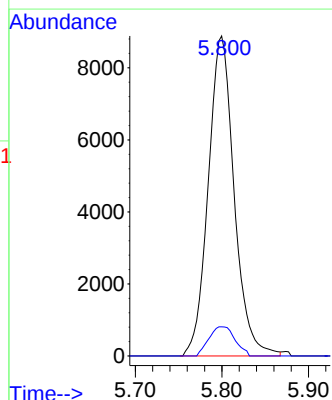
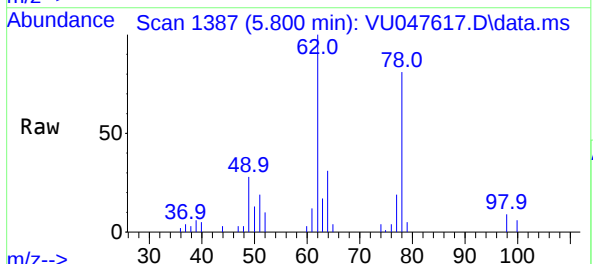
Manual Integrations
APPROVED

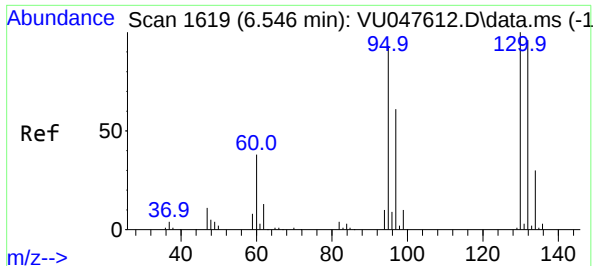
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#36
1,2-Dichloroethane
Concen: 1.736 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

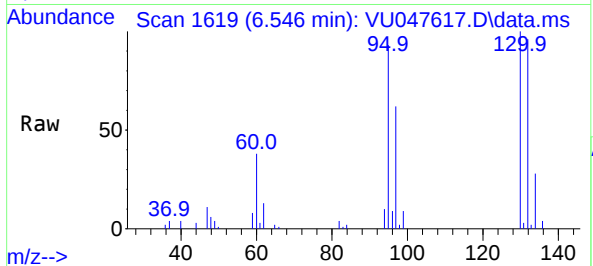
Tgt Ion: 62 Resp: 18496
Ion Ratio Lower Upper
62 100
98 9.2 7.3 10.9





#37
Trichloroethene
Concen: 1.767 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

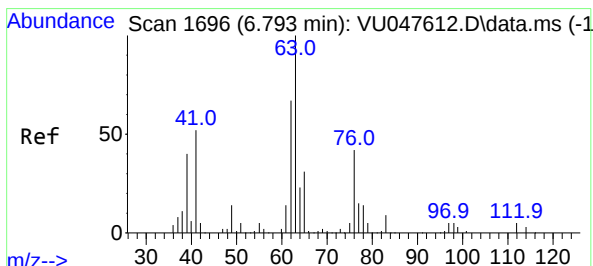
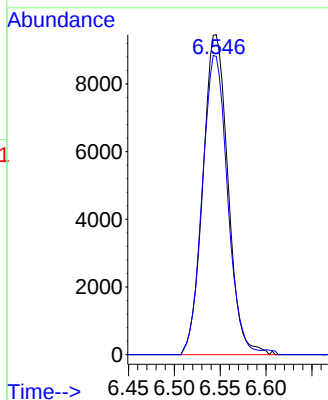
Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01



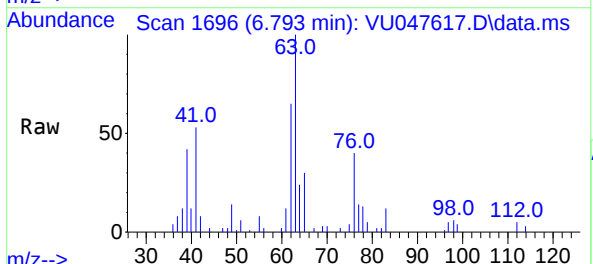
Tgt Ion:130 Resp: 17989
Ion Ratio Lower Upper
130 100
95 93.2 83.8 125.8

Manual Integrations
APPROVED

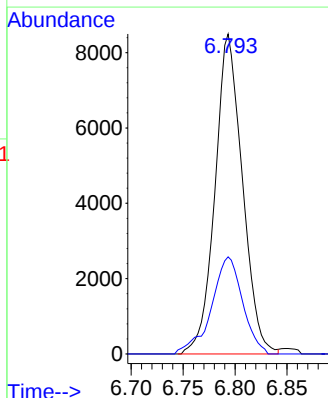
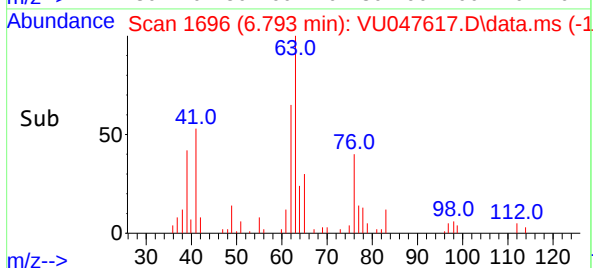
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

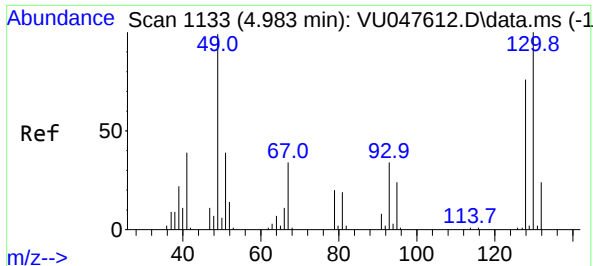


#38
1,2-Dichloropropane
Concen: 1.718 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47



Tgt Ion: 63 Resp: 15588
Ion Ratio Lower Upper
63 100
65 30.3 24.7 37.1





#39

Methacrylonitrile

Concen: 1.698 ug/l

RT: 4.983 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VU047617.D

Acq: 18 Mar 2022 15:47

Instrument :

MSVOA_U

ClientSampleId :

VU0318WBSD01

Tgt Ion: 41 Resp: 431

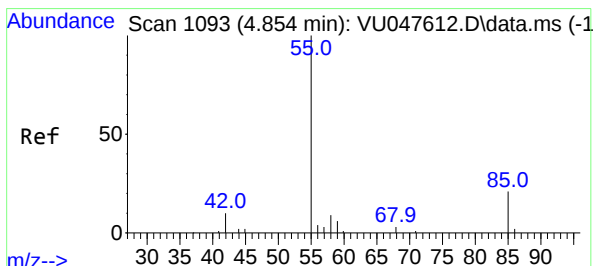
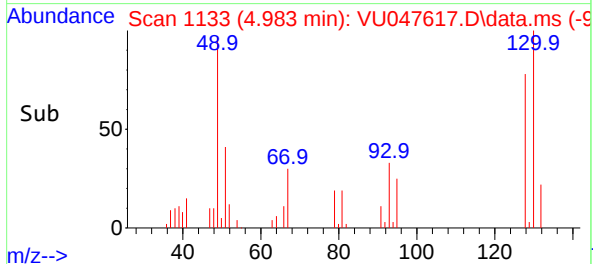
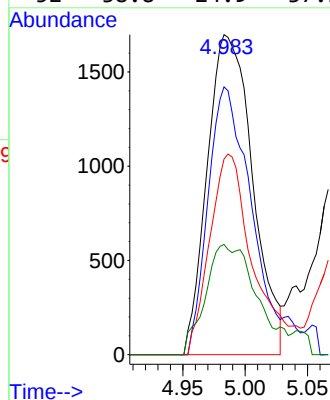
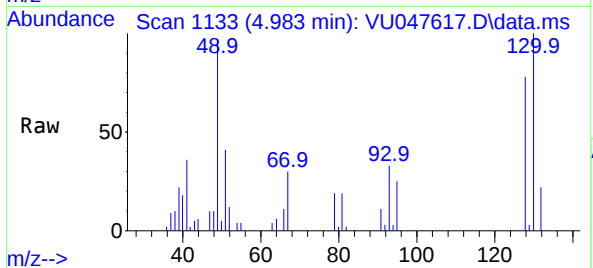
Ion	Ratio	Lower	Upper
41	100		
67	82.1	65.2	97.8
39	60.7	43.0	64.6
52	38.8	24.9	37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#40

Methyl acrylate

Concen: 1.692 ug/l

RT: 4.854 min Scan# 1093

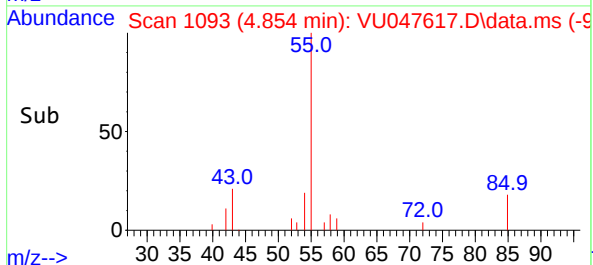
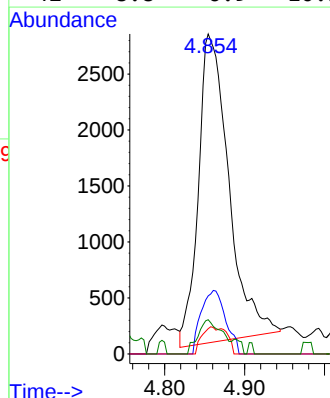
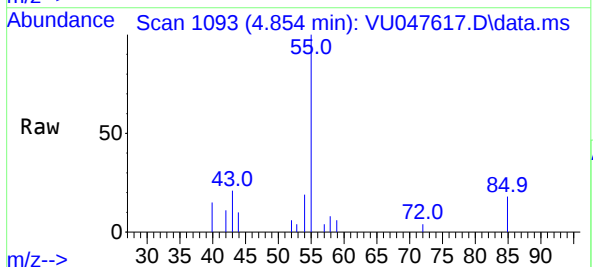
Delta R.T. -0.000 min

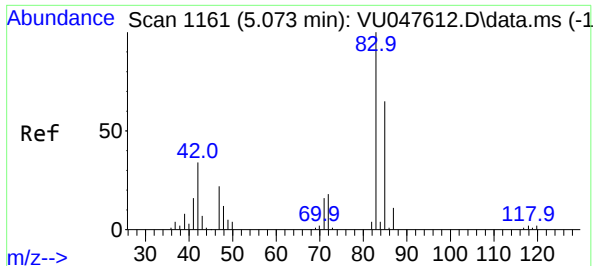
Lab File: VU047617.D

Acq: 18 Mar 2022 15:47

Tgt Ion: 55 Resp: 7264

Ion	Ratio	Lower	Upper
55	100		
85	16.6	12.2	18.2
58	7.1	6.7	10.1
42	8.8	6.9	10.3





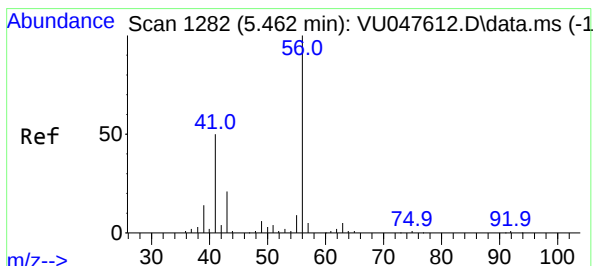
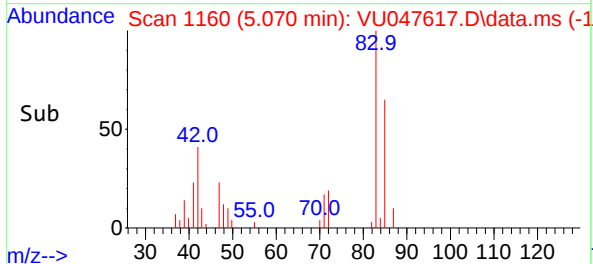
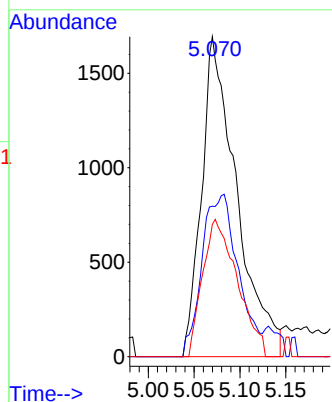
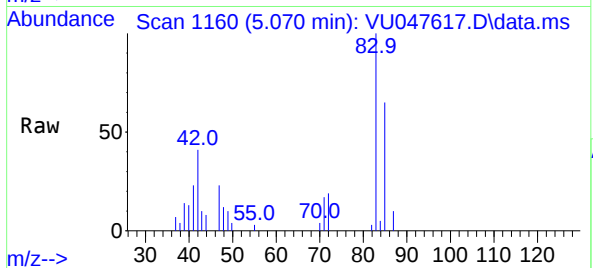
#41
Tetrahydrofuran
Concen: 3.493 ug/l
RT: 5.070 min Scan# 1161
Delta R.T. -0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01

Tgt Ion: 42 Resp: 450
Ion Ratio Lower Upper
42 100
72 52.6 42.4 63.6
71 42.5 36.4 54.6

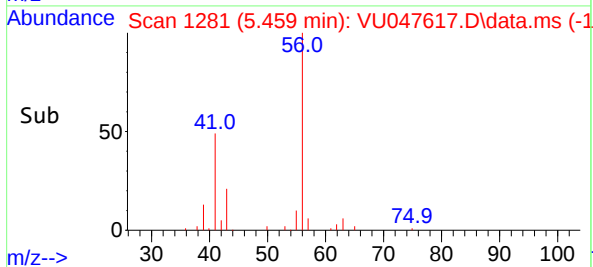
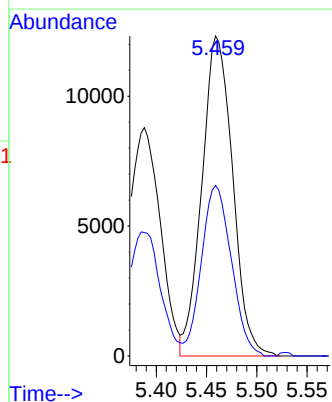
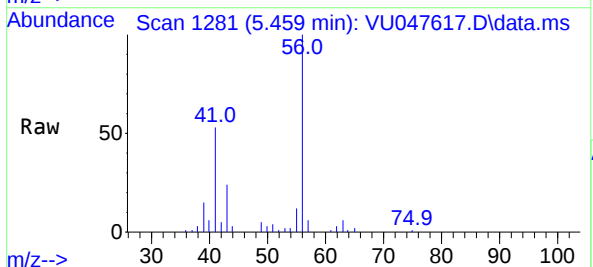
Manual Integrations
APPROVED

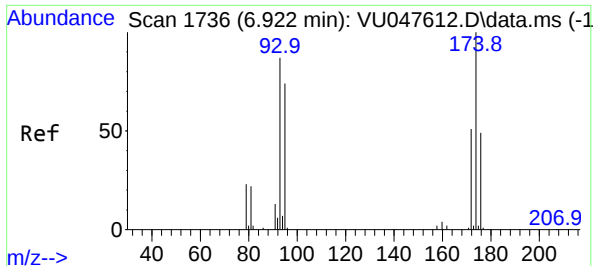
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#42
1-Chlorobutane
Concen: 1.724 ug/l
RT: 5.459 min Scan# 1281
Delta R.T. -0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

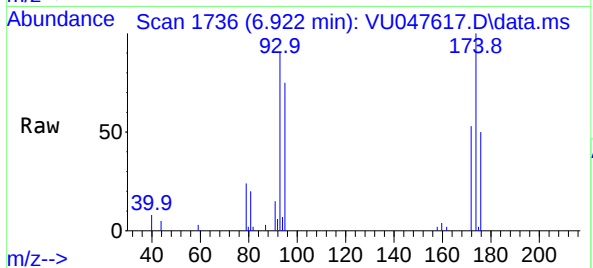
Tgt Ion: 56 Resp: 26163
Ion Ratio Lower Upper
56 100
41 51.9 26.0 78.0





#43
Dibromomethane
Concen: 1.697 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

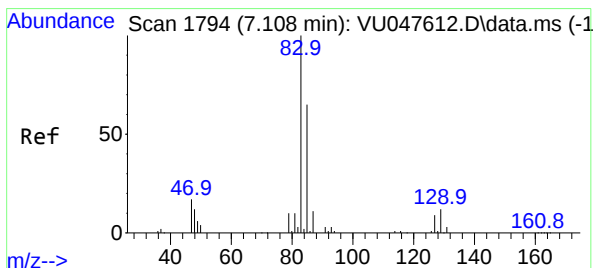
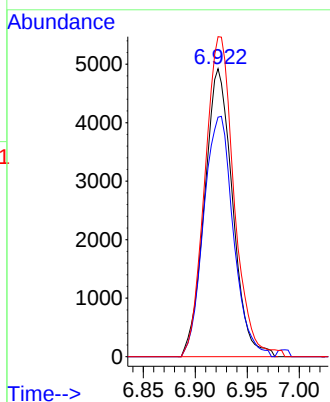
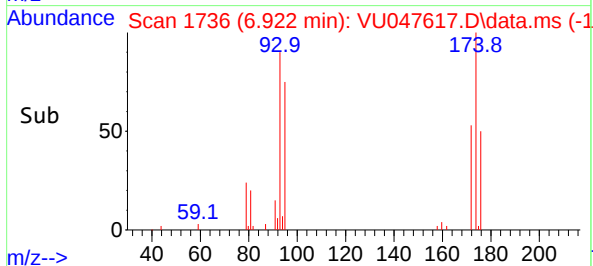
Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01



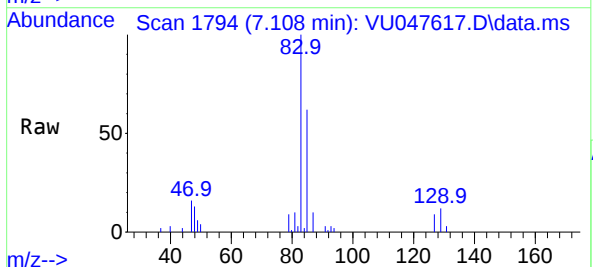
Tgt Ion: 93 Resp: 9228
Ion Ratio Lower Upper
93 100
95 88.4 66.2 99.2
174 115.6 70.7 106.1

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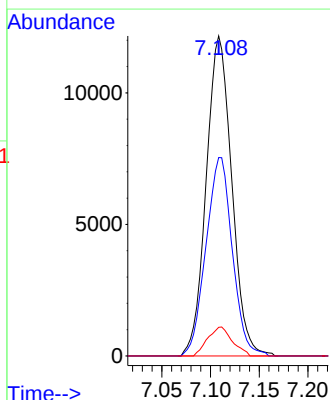
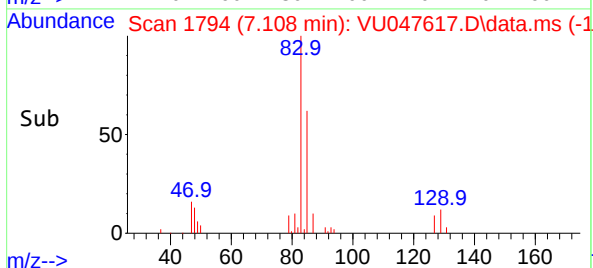
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

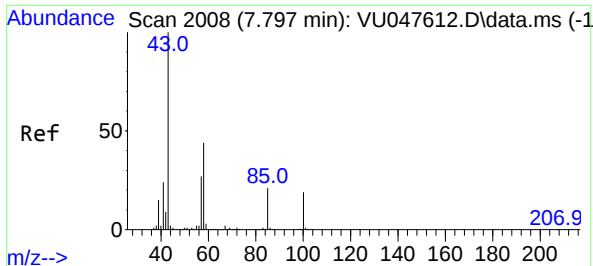


#44
Bromodichloromethane
Concen: 1.759 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47



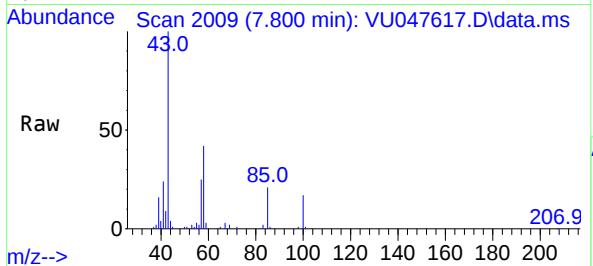
Tgt Ion: 83 Resp: 22189
Ion Ratio Lower Upper
83 100
85 62.0 50.9 76.3
127 8.9 6.0 9.0





#45
4-Methyl-2-Pentanone
Concen: 8.442 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. 0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

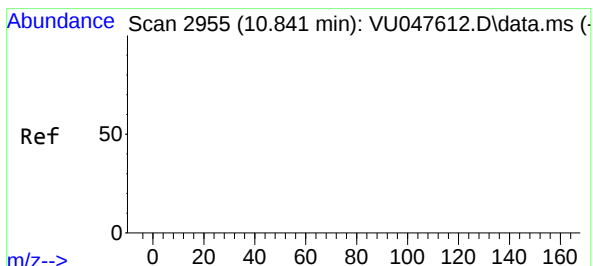
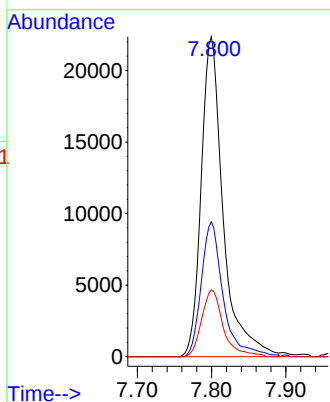
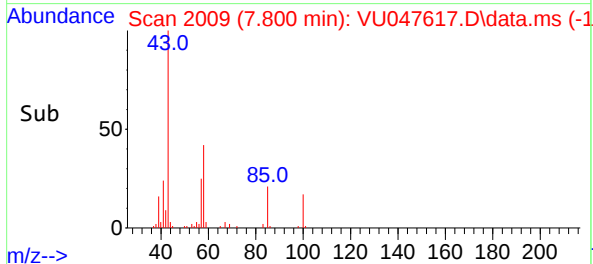
Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01



Tgt Ion: 43 Resp: 45880
Ion Ratio Lower Upper
43 100
58 42.0 21.0 63.0
85 20.6 14.8 22.2

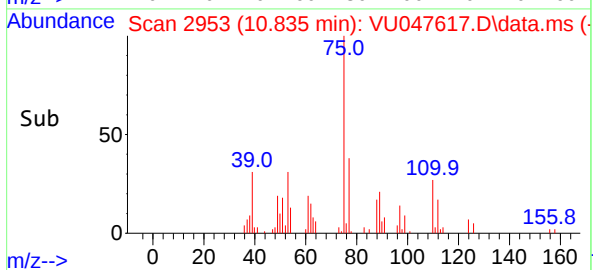
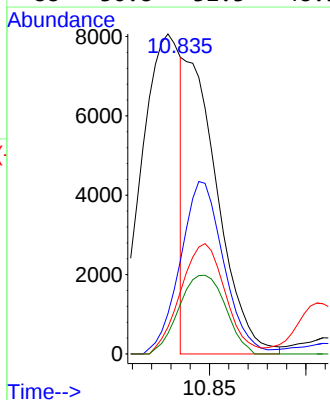
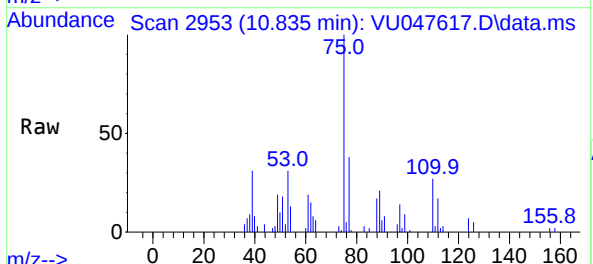
Manual Integrations
APPROVED

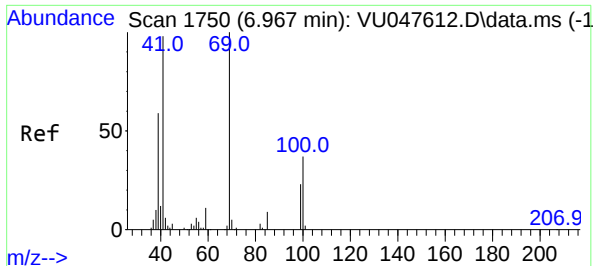
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#46
t-1,4-Dichloro-2-butene
Concen: 3.833 ug/l m
RT: 10.835 min Scan# 2953
Delta R.T. -0.007 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Tgt Ion: 75 Resp: 9048
Ion Ratio Lower Upper
75 100
53 75.3 66.8 100.2
89 49.6 41.7 62.5
88 36.8 32.3 48.5





#47

Methyl methacrylate

Concen: 3.523 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VU047617.D

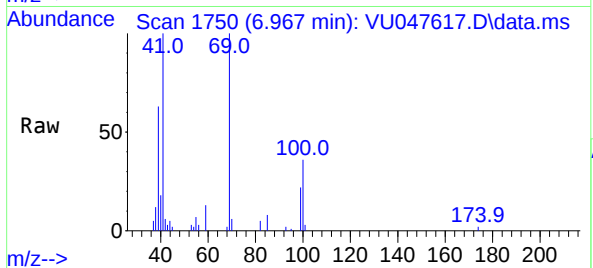
Acq: 18 Mar 2022 15:47

Instrument :

MSVOA_U

ClientSampleId :

VU0318WBSD01



Tgt Ion: 69 Resp: 1549

Ion Ratio Lower Upper

69 100

41 94.8 0.0 230.0

39 64.2 55.1 82.7

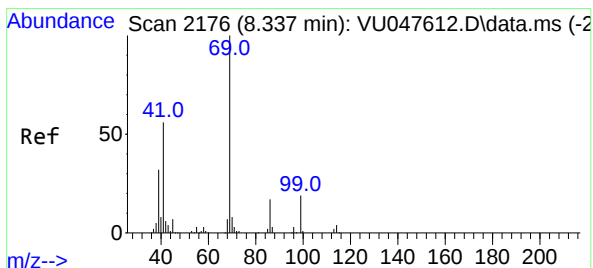
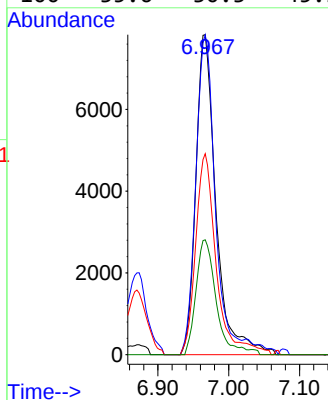
100 35.6 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#48

Ethyl methacrylate

Concen: 1.644 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. -0.000 min

Lab File: VU047617.D

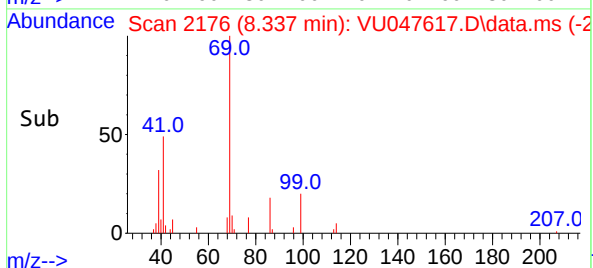
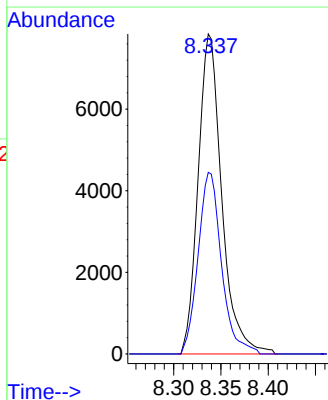
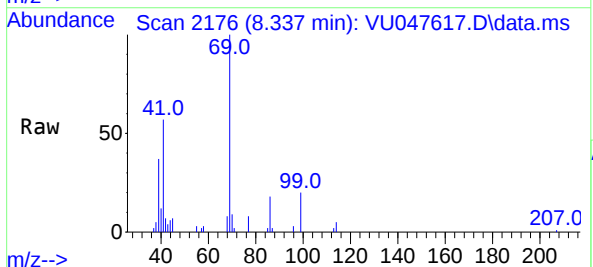
Acq: 18 Mar 2022 15:47

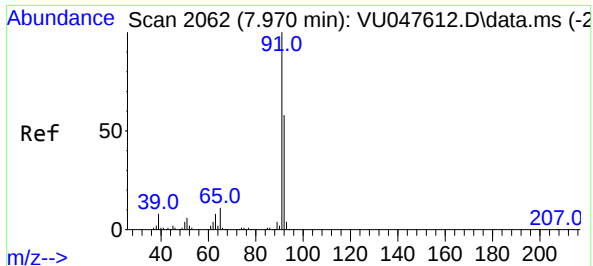
Tgt Ion: 69 Resp: 13622

Ion Ratio Lower Upper

69 100

41 56.2 32.6 98.0





#49

Toluene

Concen: 1.761 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU047617.D

Acq: 18 Mar 2022 15:47

Instrument :

MSVOA_U

ClientSampleId :

VU0318WBSD01

Tgt Ion: 92 Resp: 3813

Ion Ratio Lower Upper

92 100

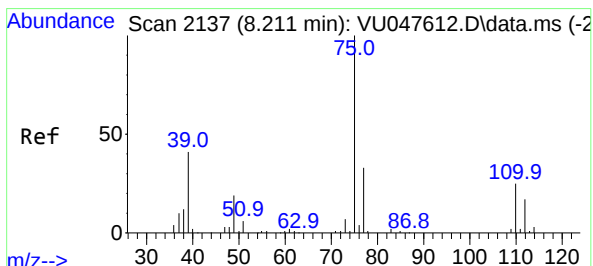
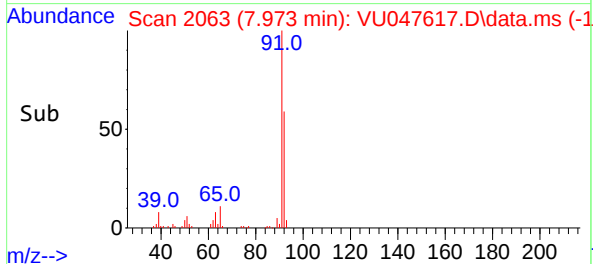
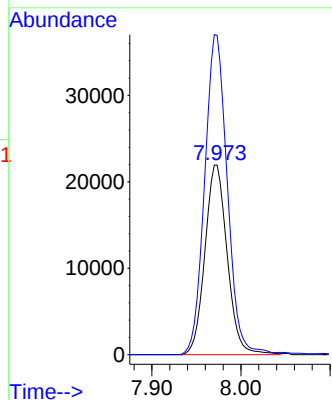
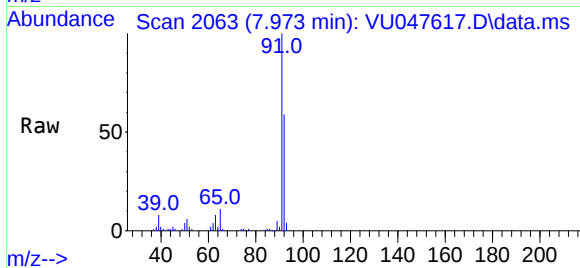
91 171.2 136.8 205.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#50

t-1,3-Dichloropropene

Concen: 1.631 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU047617.D

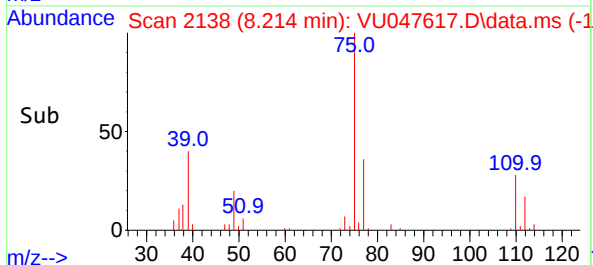
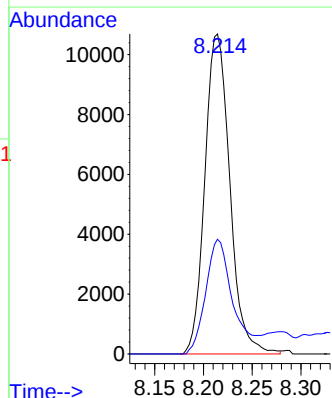
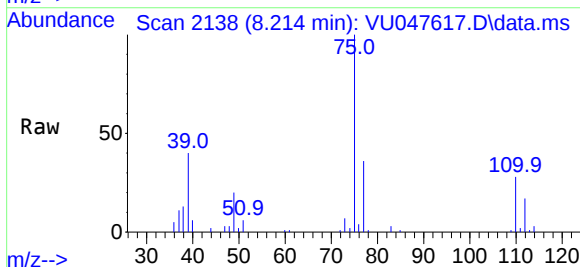
Acq: 18 Mar 2022 15:47

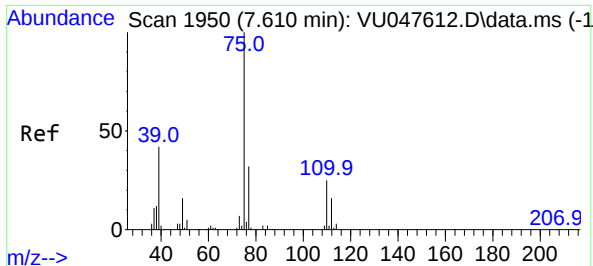
Tgt Ion: 75 Resp: 19053

Ion Ratio Lower Upper

75 100

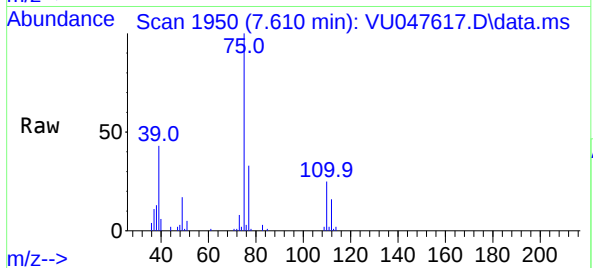
77 35.9 25.6 38.4





#51
cis-1,3-Dichloropropene
Concen: 1.704 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Instrument : MSVOA_U
ClientSampleId : VU0318WBSD01

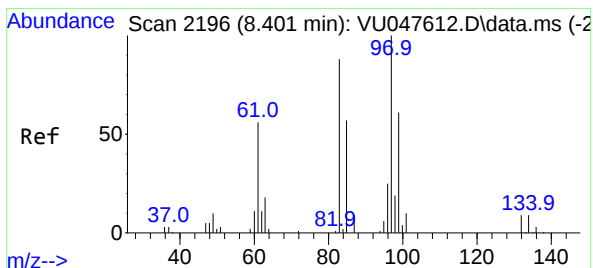
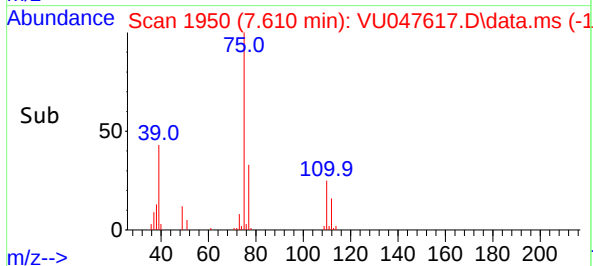
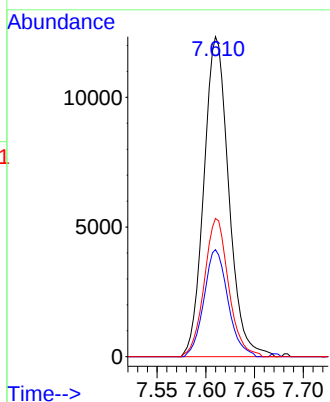


Tgt Ion: 75 Resp: 2192

Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.2	37.8
39	43.2	38.6	57.8

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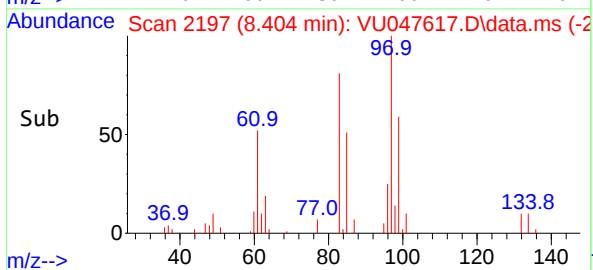
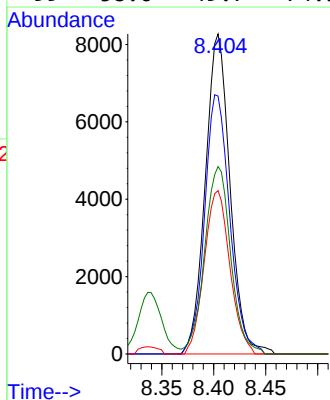
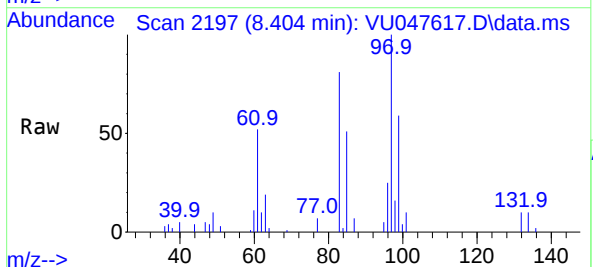
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

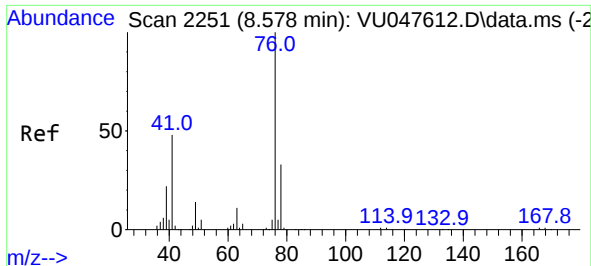


#52
1,1,2-Trichloroethane
Concen: 1.813 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Tgt Ion: 97 Resp: 13713

Ion	Ratio	Lower	Upper
97	100		
83	80.6	69.8	104.8
85	51.1	44.2	66.4
99	58.6	49.7	74.5





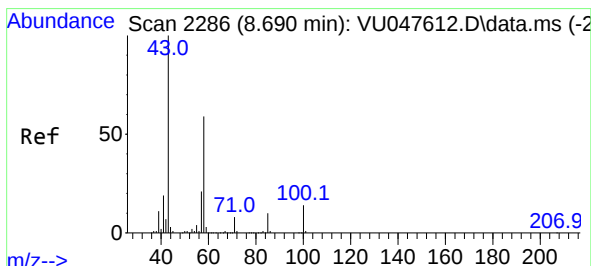
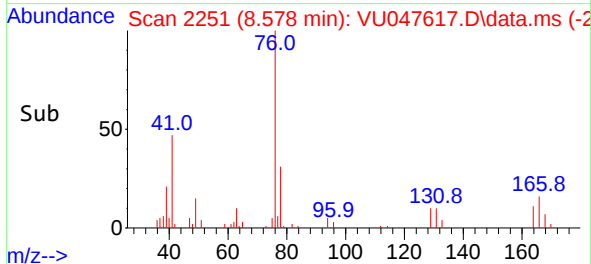
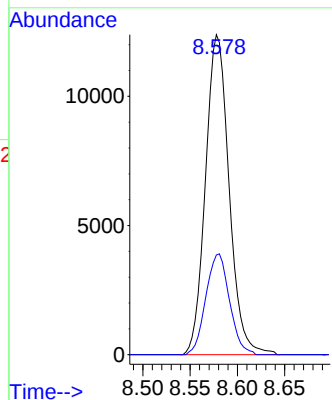
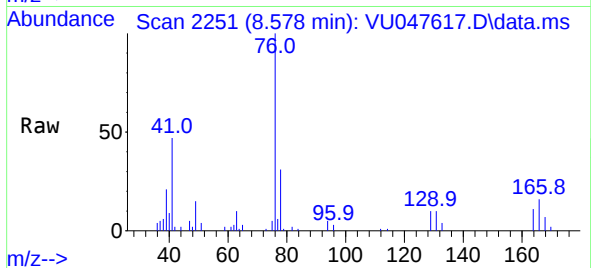
#53
1,3-Dichloropropane
Concen: 1.749 ug/l
RT: 8.578 min Scan# 2153
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01

Tgt Ion: 76 Resp: 2153
Ion Ratio Lower Upper
76 100
78 31.5 25.4 38.2

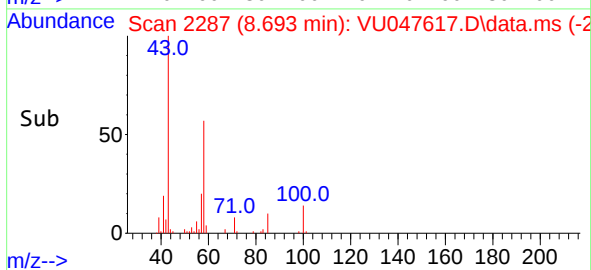
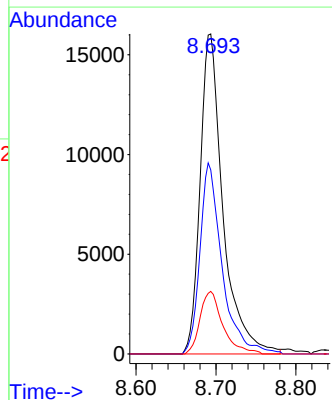
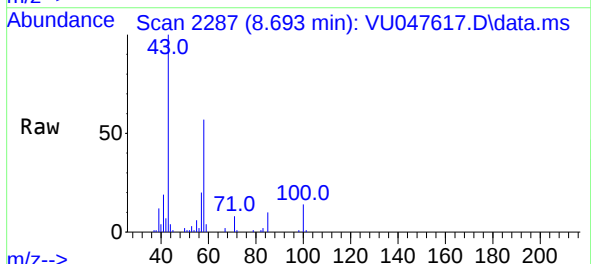
Manual Integrations
APPROVED

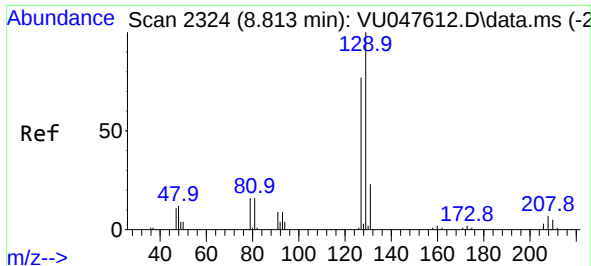
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#54
2-Hexanone
Concen: 8.045 ug/l
RT: 8.693 min Scan# 2287
Delta R.T. 0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Tgt Ion: 43 Resp: 31923
Ion Ratio Lower Upper
43 100
58 57.9 37.7 77.7
57 19.6 0.5 40.5





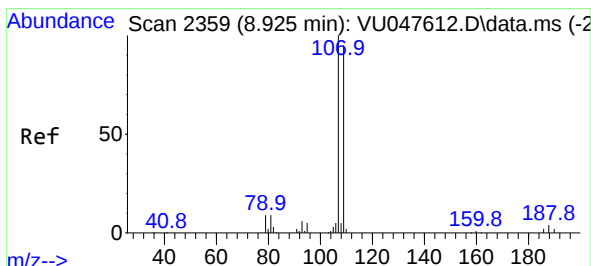
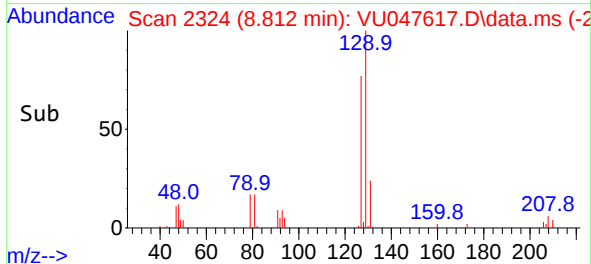
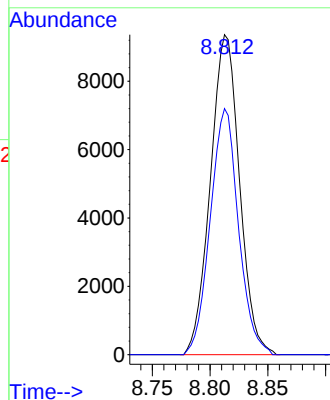
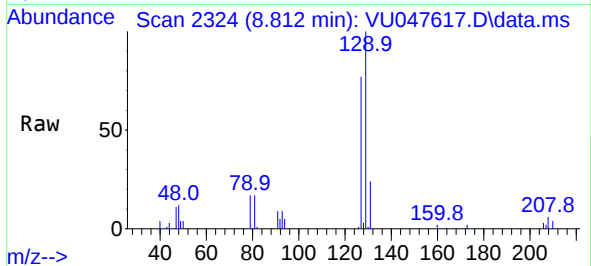
#55
Dibromochloromethane
Concen: 1.725 ug/l
RT: 8.812 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01

Tgt Ion:129 Resp: 1648
Ion Ratio Lower Upper
129 100
127 74.4 62.2 93.4

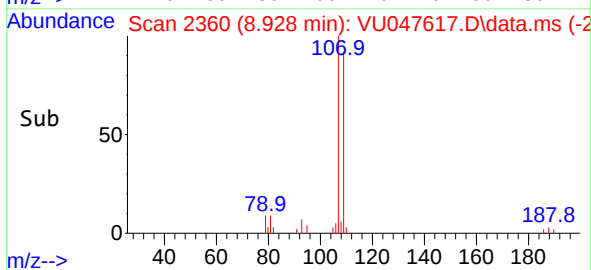
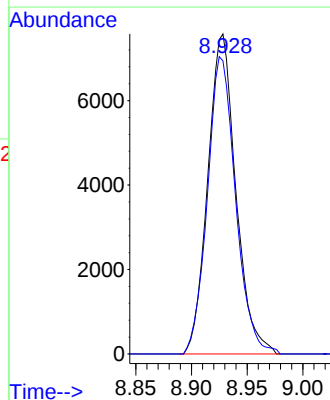
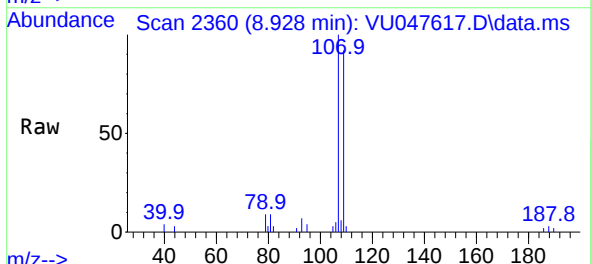
Manual Integrations
APPROVED

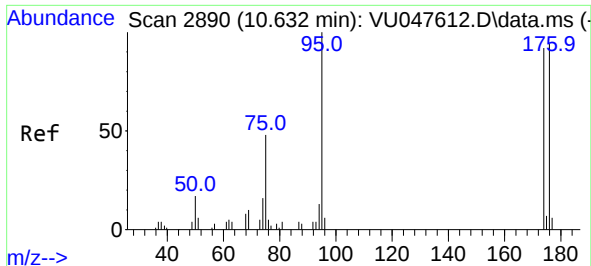
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#56
1,2-Dibromoethane
Concen: 1.762 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

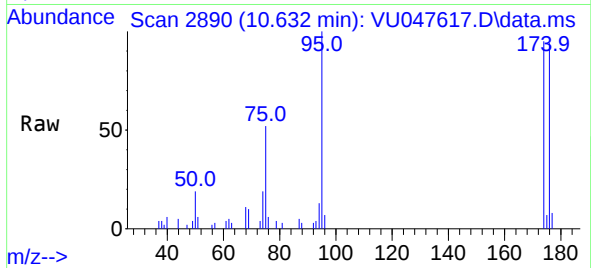
Tgt Ion:107 Resp: 13268
Ion Ratio Lower Upper
107 100
109 93.3 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.910 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

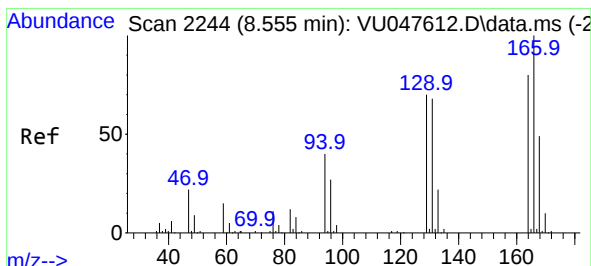
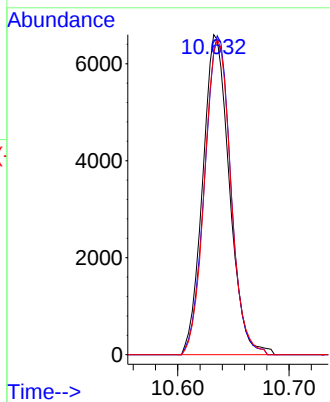
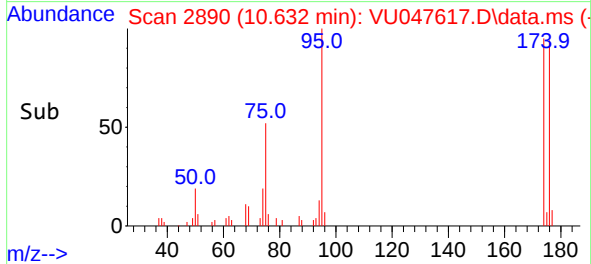
Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01



Tgt Ion: 95 Resp: 1099
Ion Ratio Lower Upper
95 100
174 97.5 56.6 84.8
176 96.6 54.3 81.5

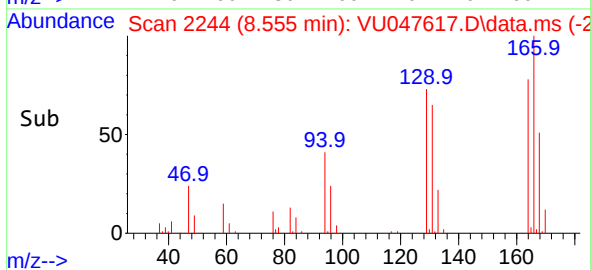
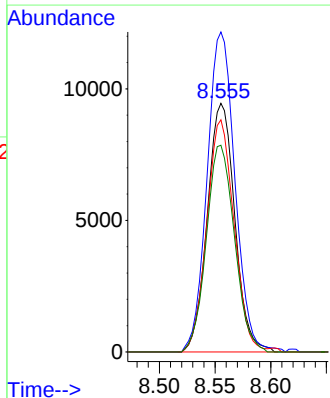
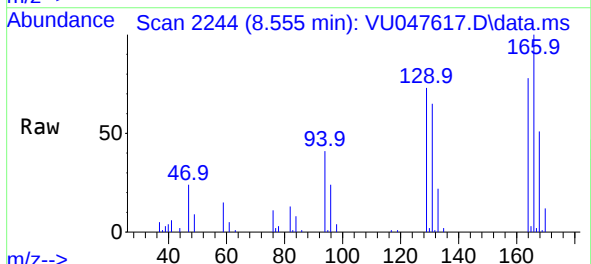
Manual Integrations
APPROVED

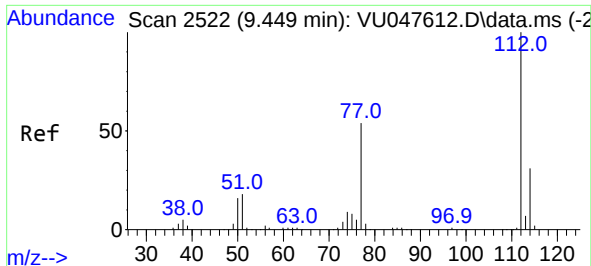
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#58
Tetrachloroethene
Concen: 1.731 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

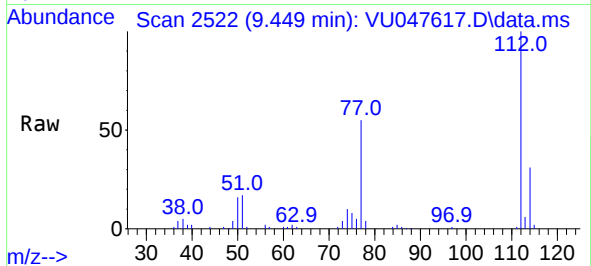
Tgt Ion:164 Resp: 16240
Ion Ratio Lower Upper
164 100
166 128.7 102.0 153.0
129 93.4 77.1 115.7
131 83.2 75.8 113.6





#59
Chlorobenzene
Concen: 1.736 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

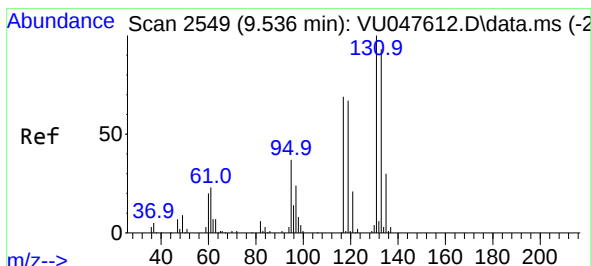
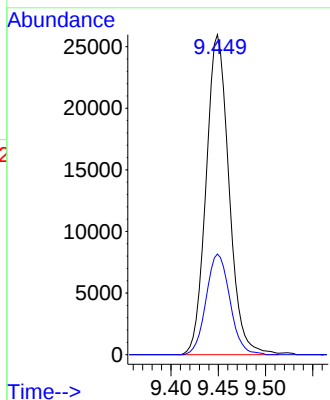
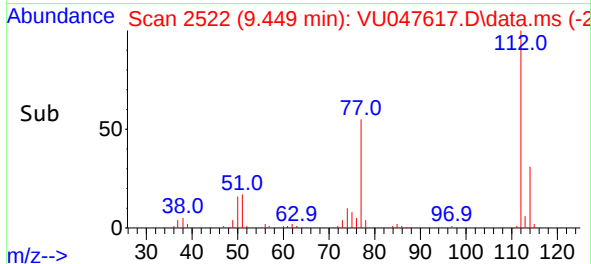
Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01



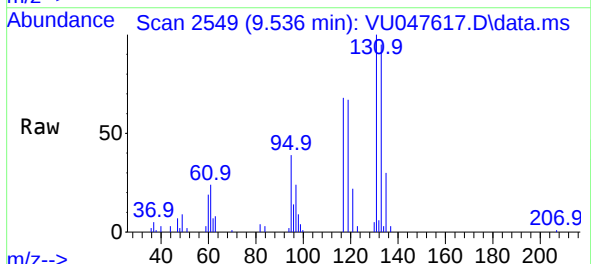
Tgt Ion:112 Resp: 4380
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0

Manual Integrations
APPROVED

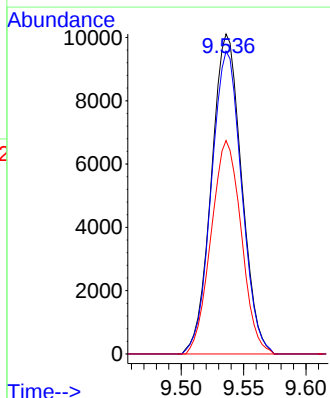
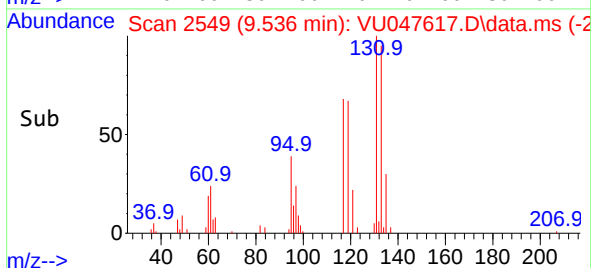
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

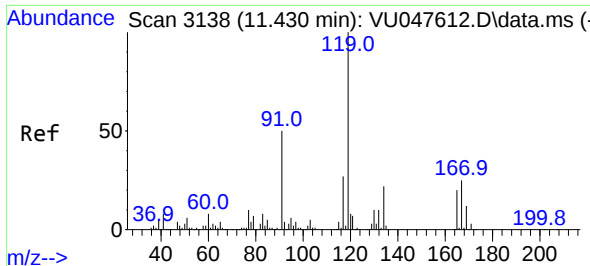


#60
1,1,1,2-Tetrachloroethane
Concen: 1.737 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47



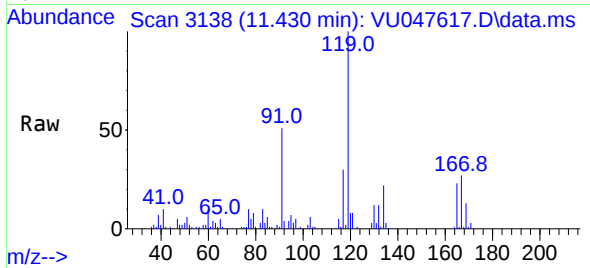
Tgt Ion:131 Resp: 17014
Ion Ratio Lower Upper
131 100
133 95.0 76.0 114.0
119 66.9 54.9 82.3





#61
Pentachloroethane
Concen: 1.682 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

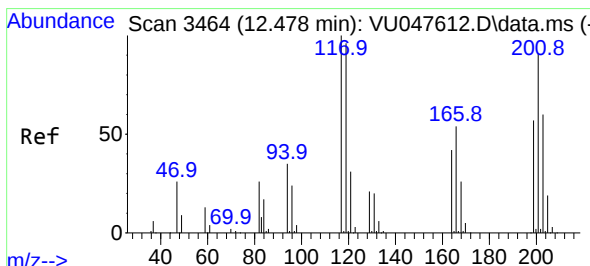
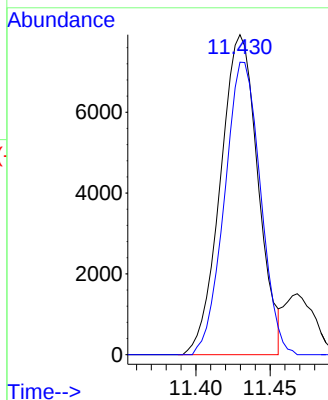
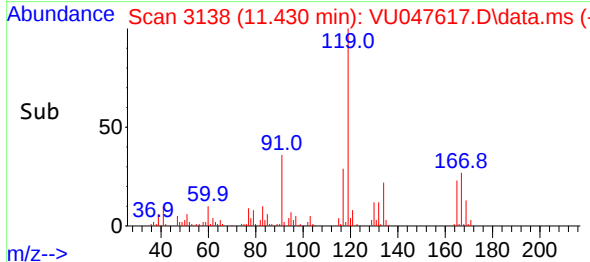
Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01



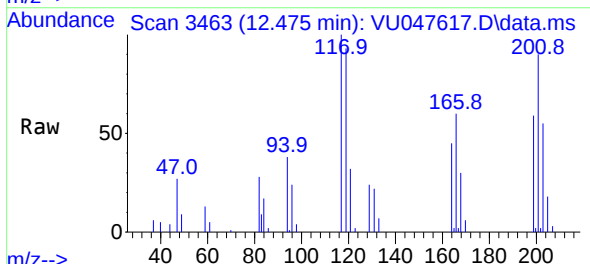
Tgt Ion:117 Resp: 1394
Ion Ratio Lower Upper
117 100
167 87.2 59.7 89.5

Manual Integrations
APPROVED

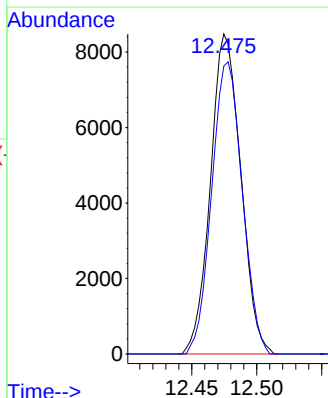
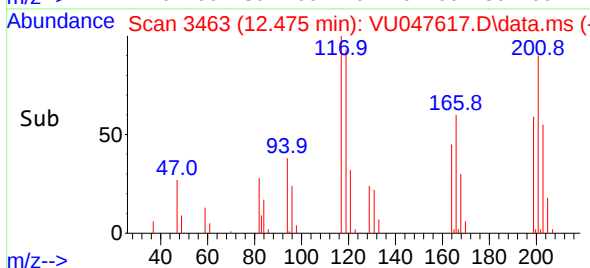
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

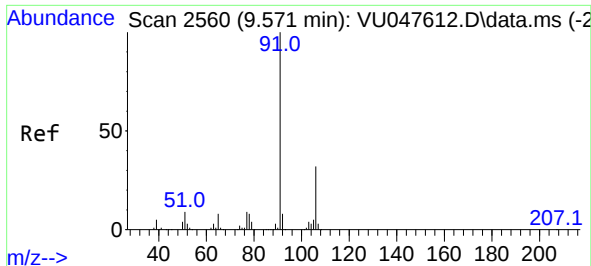


#62
Hexachloroethane
Concen: 1.674 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47



Tgt Ion:117 Resp: 13773
Ion Ratio Lower Upper
117 100
201 91.6 53.6 80.4#





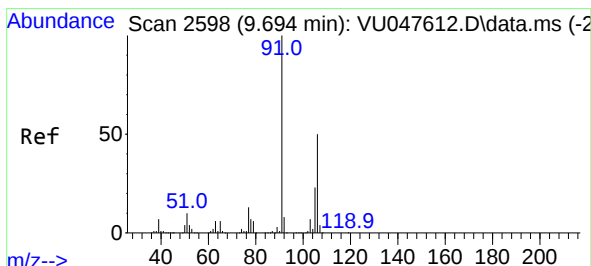
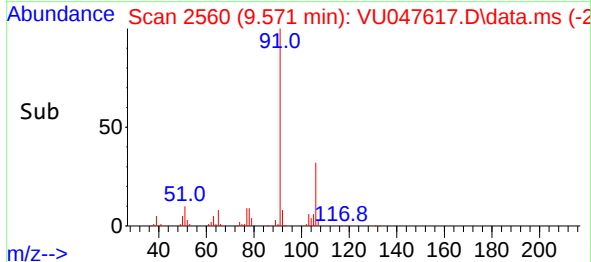
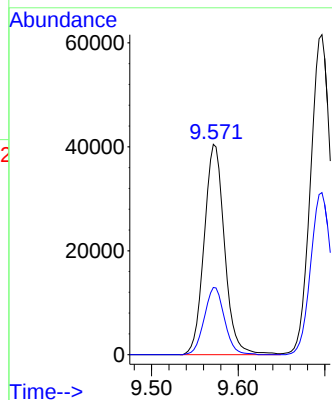
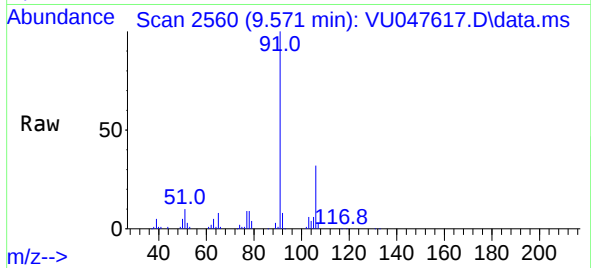
#63
Ethyl Benzene
Concen: 1.676 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01

Tgt Ion: 91 Resp: 6623
Ion Ratio Lower Upper
91 100
106 31.9 24.4 36.6

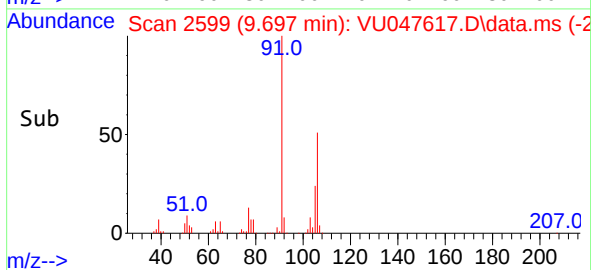
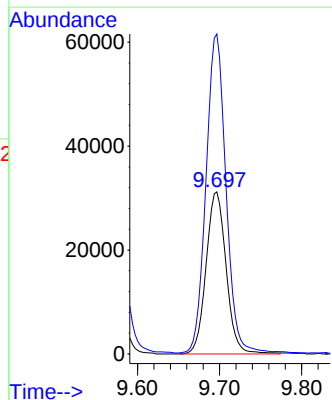
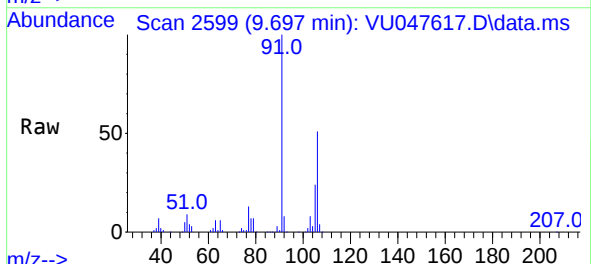
Manual Integrations
APPROVED

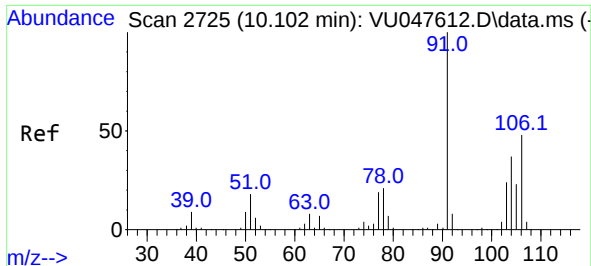
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#64
m/p-Xylenes
Concen: 3.377 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Tgt Ion:106 Resp: 52950
Ion Ratio Lower Upper
106 100
91 196.9 165.5 248.3





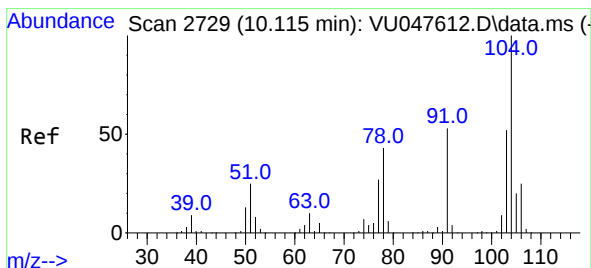
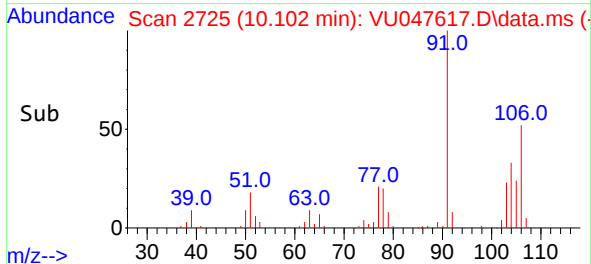
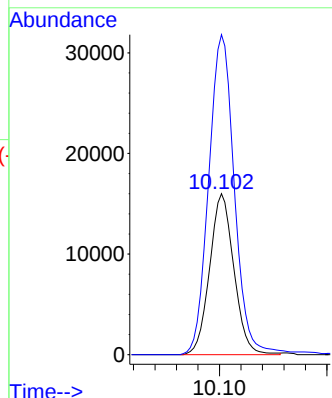
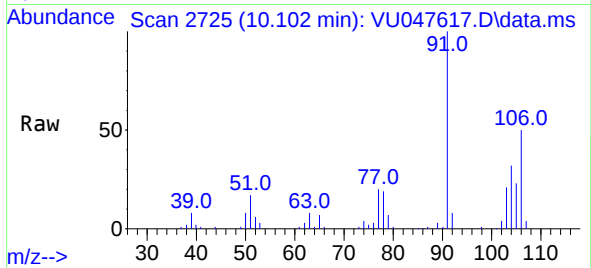
#65
o-Xylene
Concen: 1.688 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01

Tgt Ion:106 Resp: 2504
Ion Ratio Lower Upper
106 100
91 212.2 109.4 328.2

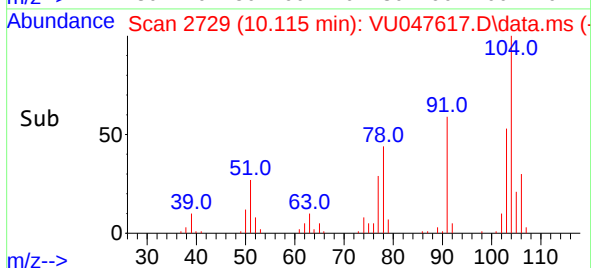
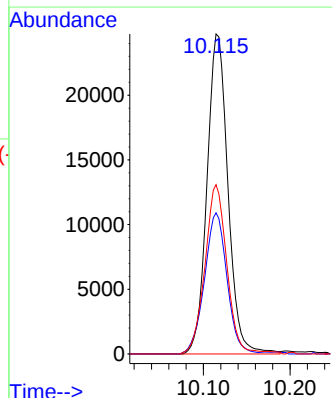
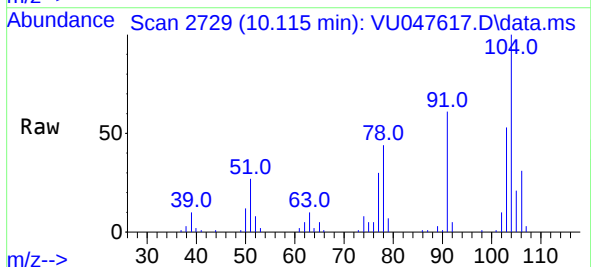
Manual Integrations
APPROVED

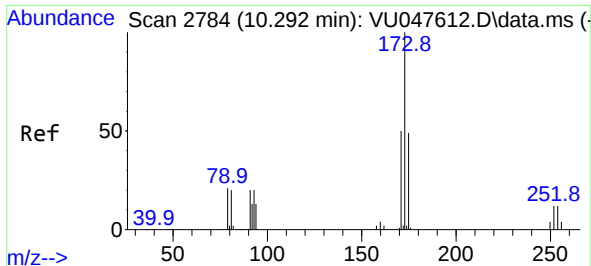
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#66
Styrene
Concen: 1.626 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

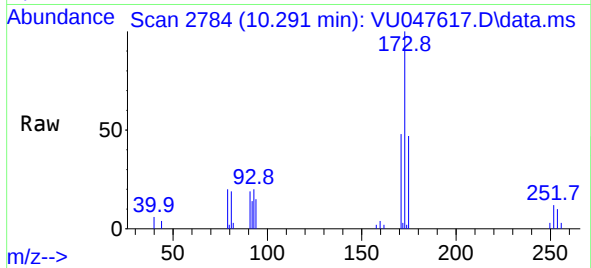
Tgt Ion:104 Resp: 41614
Ion Ratio Lower Upper
104 100
78 47.4 42.4 63.6
103 55.5 44.2 66.4





#67
Bromoform
Concen: 1.708 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

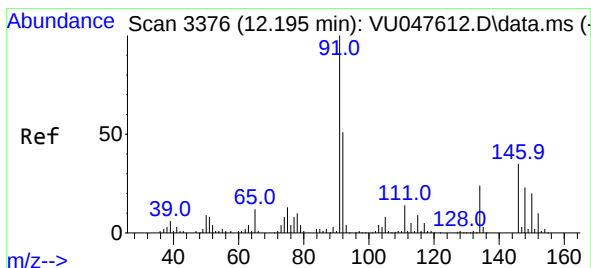
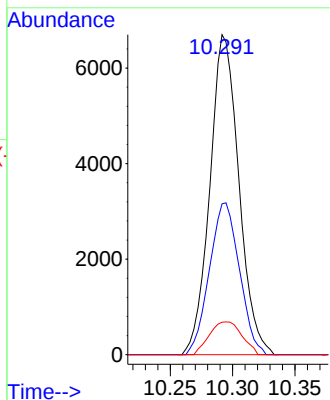
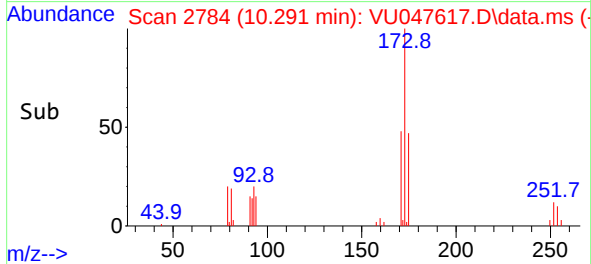
Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01



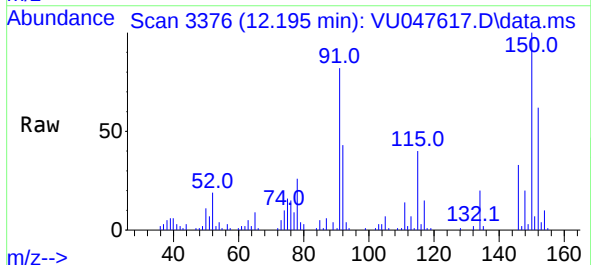
Tgt Ion:173 Resp: 10860
Ion Ratio Lower Upper
173 100
175 49.0 39.0 58.4
254 11.5 5.5 8.3

Manual Integrations
APPROVED

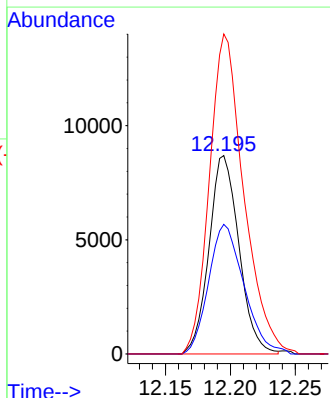
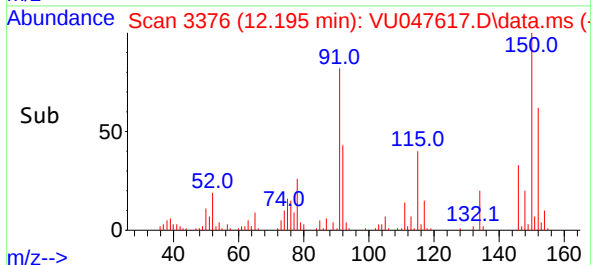
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

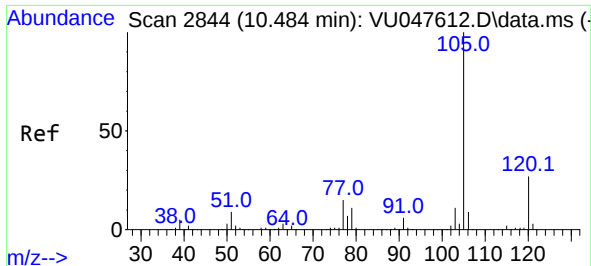


#68
1,2-Dichlorobenzene-d4
Concen: 0.951 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47



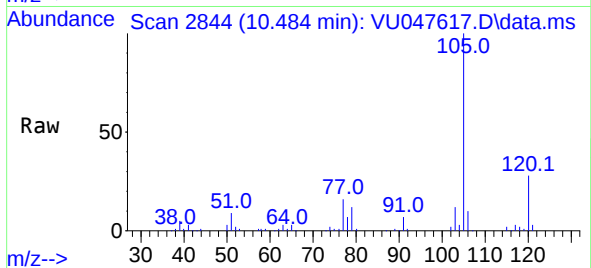
Tgt Ion:152 Resp: 13930
Ion Ratio Lower Upper
152 100
115 77.0 0.0 251.0
150 184.6 0.0 613.8





#69
Isopropylbenzene
Concen: 1.643 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

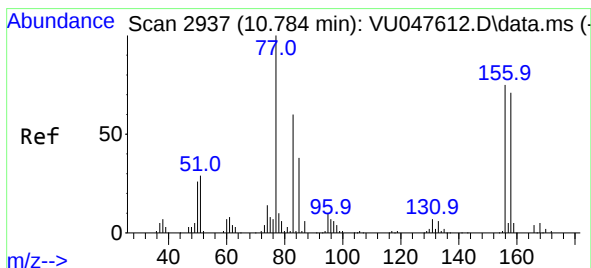
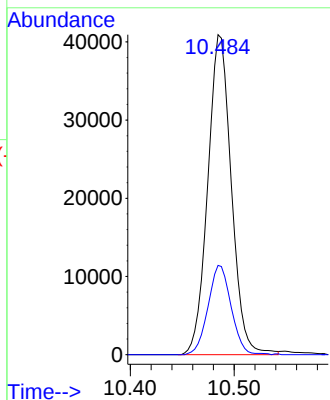
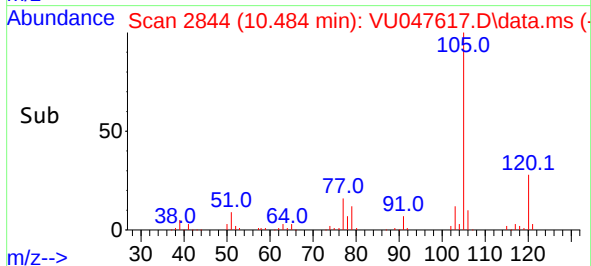
Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01



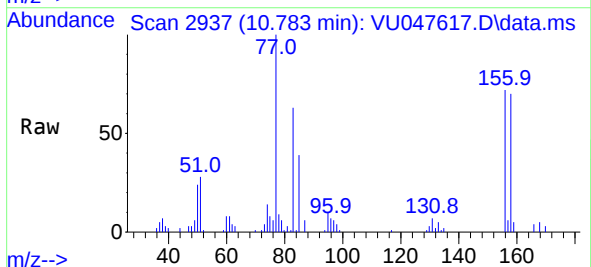
Tgt Ion:105 Resp: 64530
Ion Ratio Lower Upper
105 100
120 27.3 12.8 38.4

Manual Integrations
APPROVED

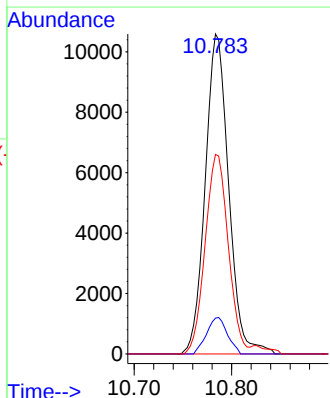
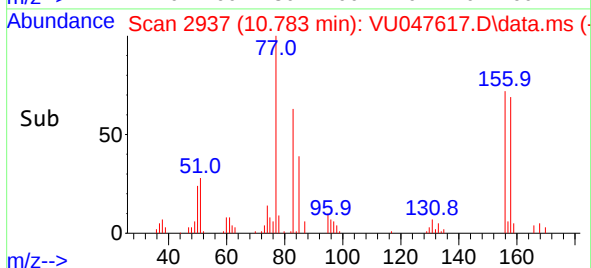
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

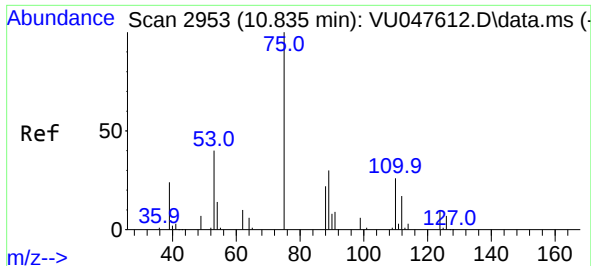


#70
1,1,2,2-Tetrachloroethane
Concen: 1.758 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47



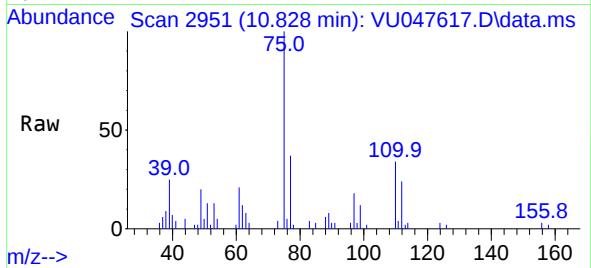
Tgt Ion: 83 Resp: 17711
Ion Ratio Lower Upper
83 100
131 10.1 7.6 11.4
85 61.6 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 1.426 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. -0.007 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

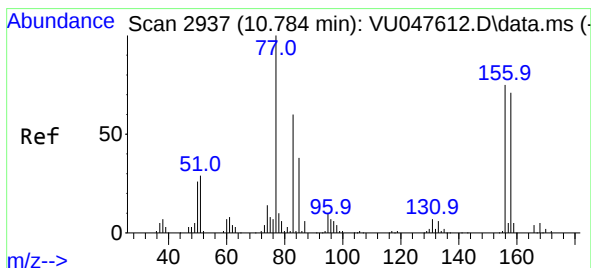
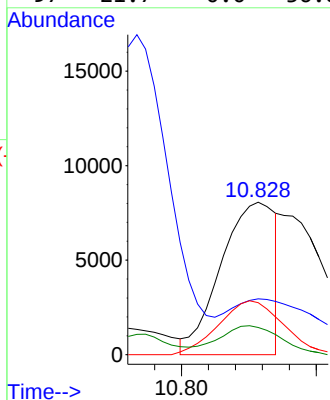
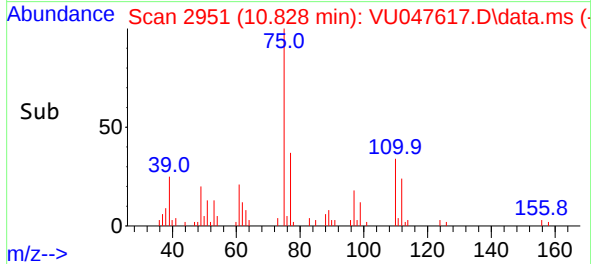
Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01



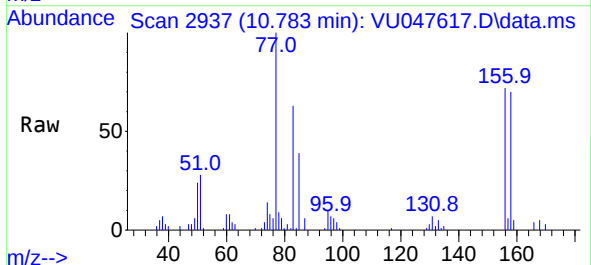
Tgt Ion: 75 Resp: 1134
Ion Ratio Lower Upper
75 100
77 61.7 0.0 105.6
110 41.8 0.0 71.2
97 21.7 0.0 36.8

Manual Integrations
APPROVED

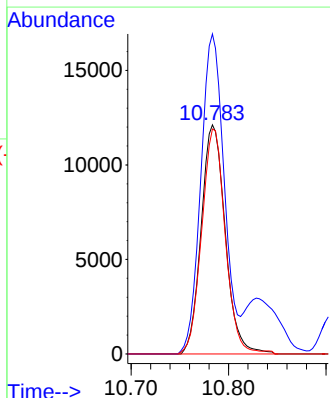
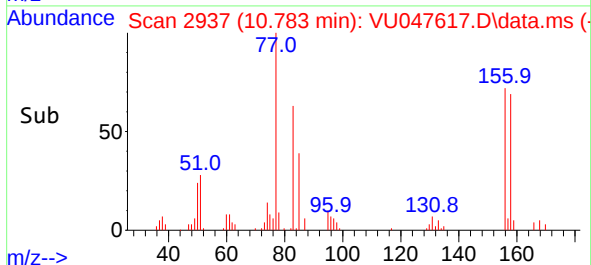
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

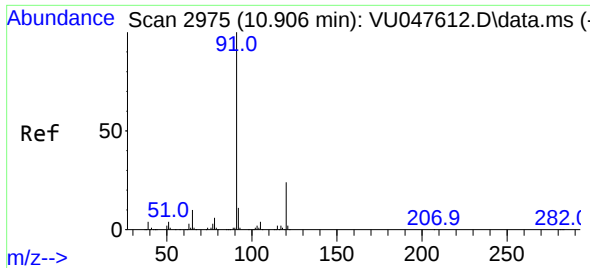


#72
Bromobenzene
Concen: 1.767 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47



Tgt Ion:156 Resp: 20820
Ion Ratio Lower Upper
156 100
77 135.9 0.0 370.6
158 95.8 0.0 193.4





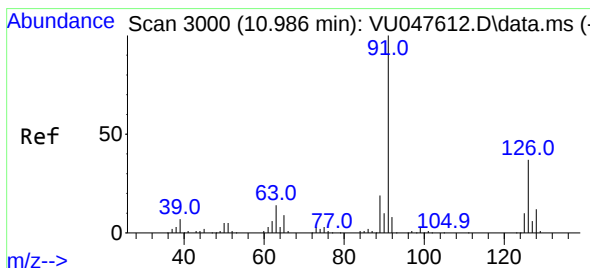
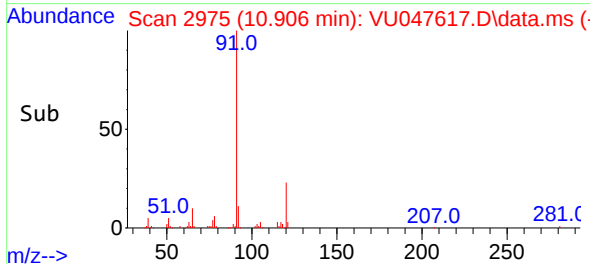
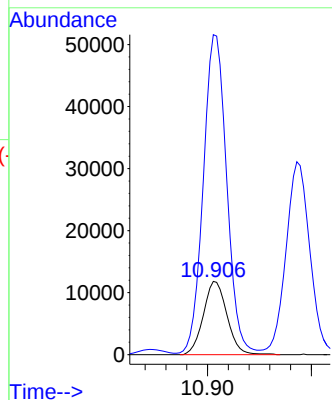
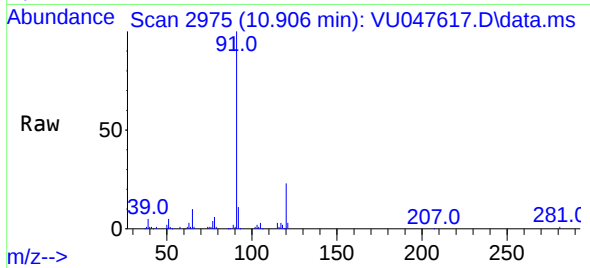
#73
n-propylbenzene
Concen: 1.640 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01

Tgt Ion:120 Resp: 18694
Ion Ratio Lower Upper
120 100
91 433.8 370.7 556.1

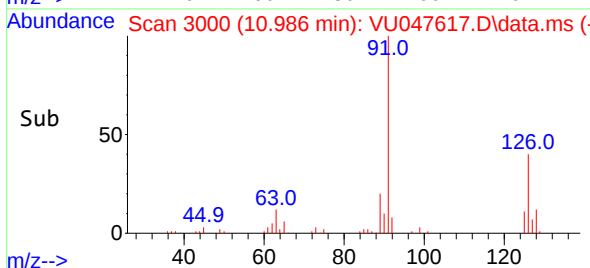
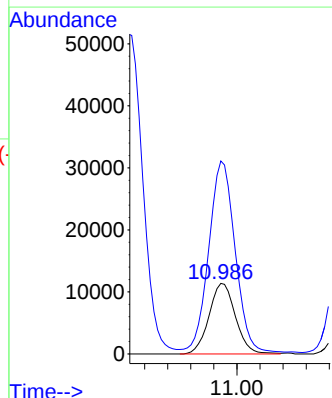
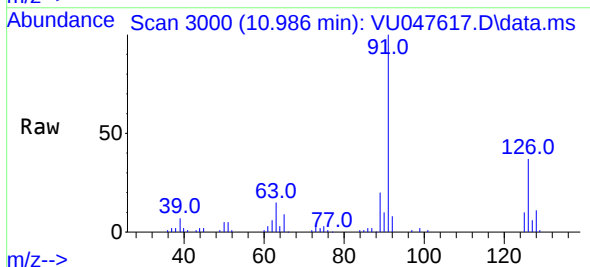
Manual Integrations
APPROVED

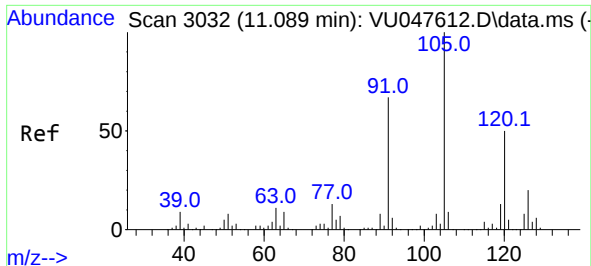
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#74
2-Chlorotoluene
Concen: 1.725 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Tgt Ion:126 Resp: 18067
Ion Ratio Lower Upper
126 100
91 279.2 0.0 639.6





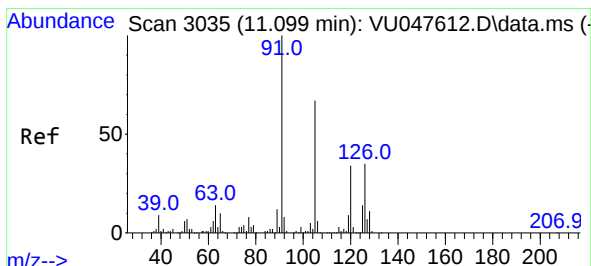
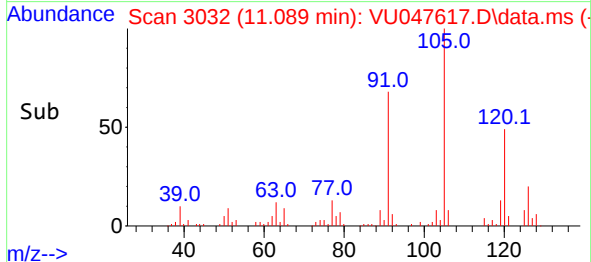
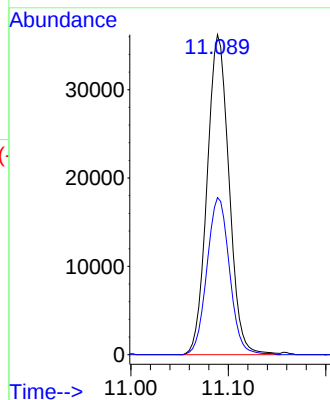
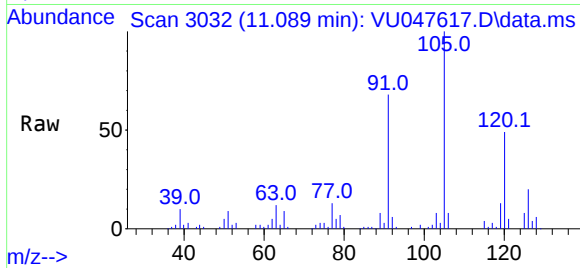
#75
1,3,5-Trimethylbenzene
Concen: 1.748 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01

Tgt Ion:105 Resp: 56598
Ion Ratio Lower Upper
105 100
120 50.5 38.6 58.0

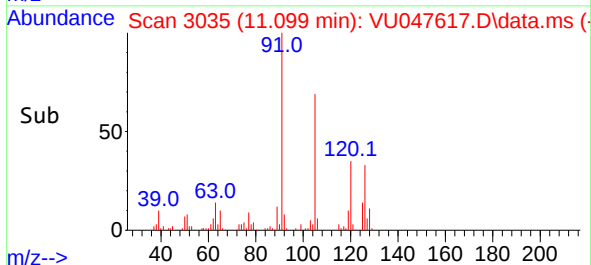
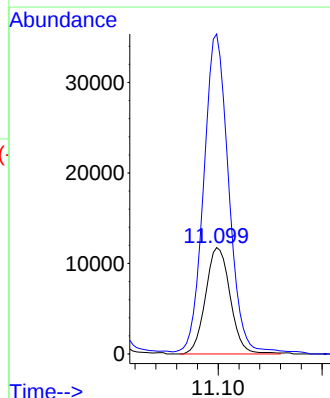
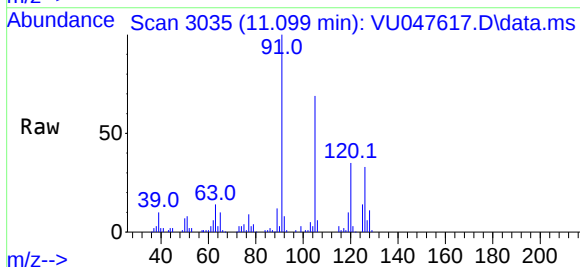
Manual Integrations
APPROVED

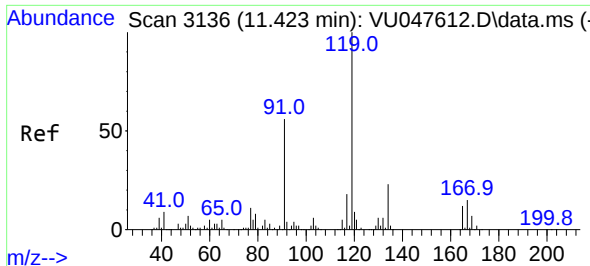
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#76
4-Chlorotoluene
Concen: 1.735 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

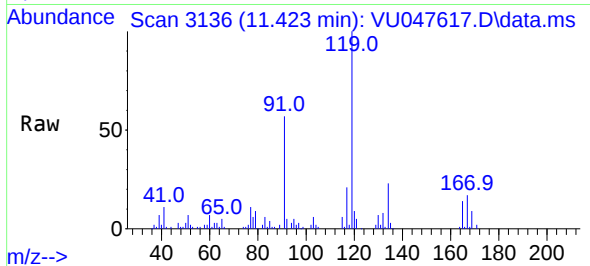
Tgt Ion:126 Resp: 19332
Ion Ratio Lower Upper
126 100
91 308.1 0.0 728.0





#77
tert-Butylbenzene
Concen: 1.661 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

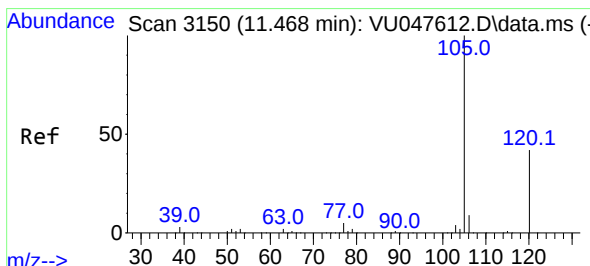
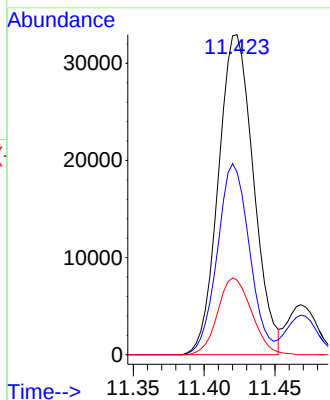
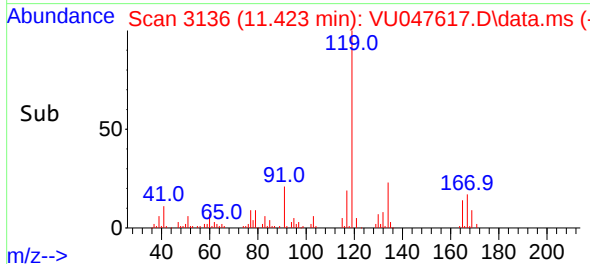
Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01



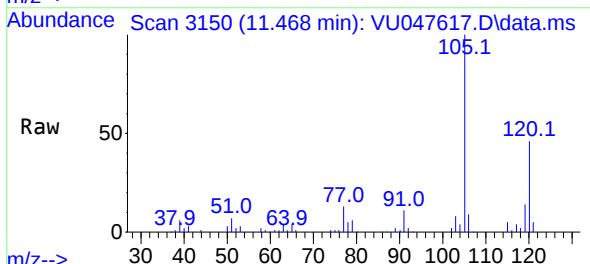
Tgt Ion:119 Resp: 56860
Ion Ratio Lower Upper
119 100
91 54.8 31.4 94.3
134 23.1 18.5 27.7

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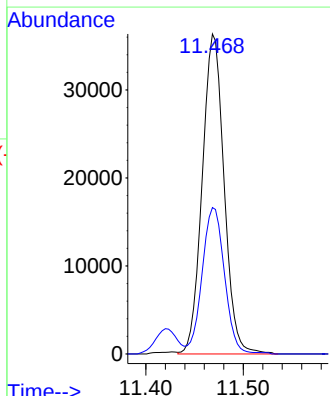
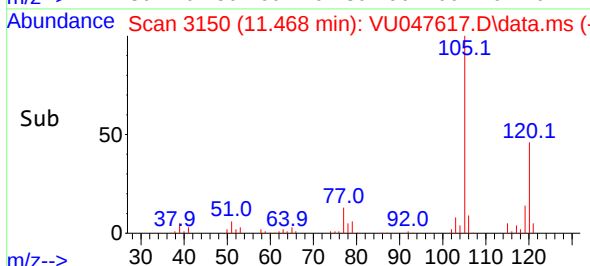
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

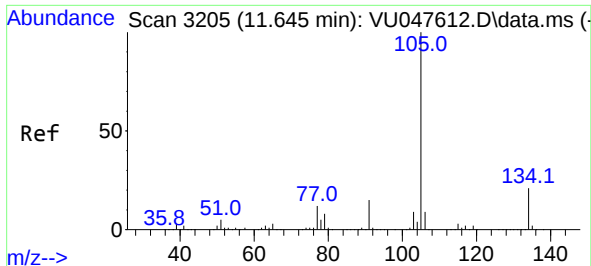


#78
1,2,4-Trimethylbenzene
Concen: 1.716 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47



Tgt Ion:105 Resp: 56666
Ion Ratio Lower Upper
105 100
120 46.9 22.3 66.8





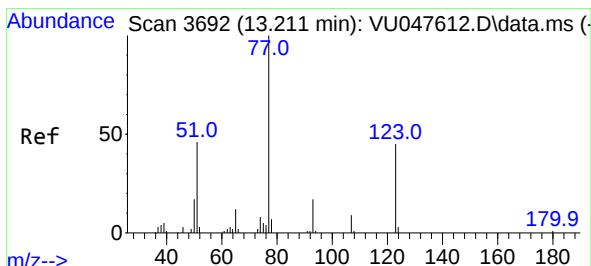
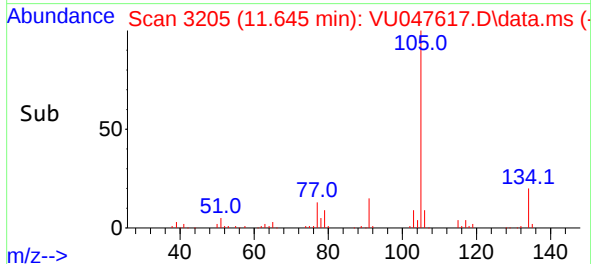
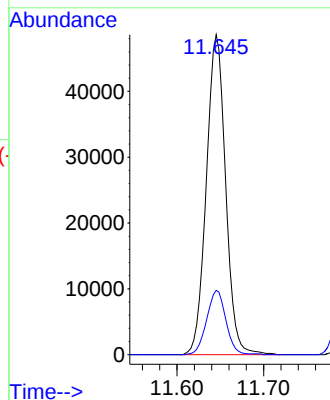
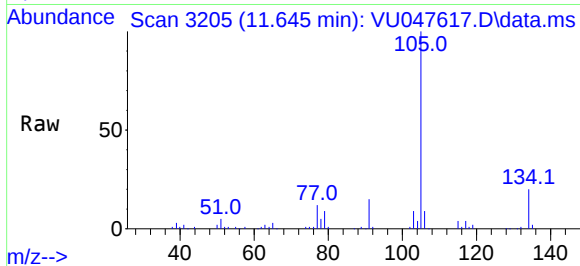
#79
sec-Butylbenzene
Concen: 1.688 ug/l
RT: 11.645 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01

Tgt Ion:105 Resp: 7529
Ion Ratio Lower Upper
105 100
134 19.9 15.4 23.0

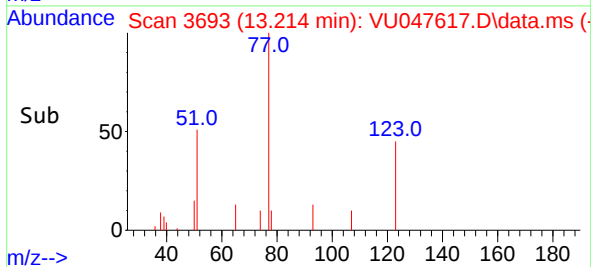
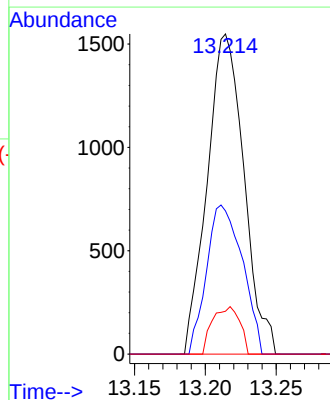
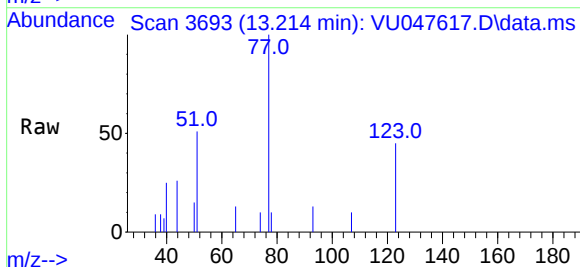
Manual Integrations
APPROVED

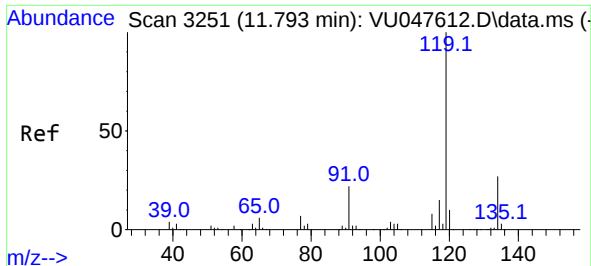
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#80
Nitrobenzene
Concen: 6.791 ug/l
RT: 13.214 min Scan# 3693
Delta R.T. 0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Tgt Ion: 77 Resp: 2794
Ion Ratio Lower Upper
77 100
123 45.3 18.2 64.4
65 11.0 12.0 15.2#





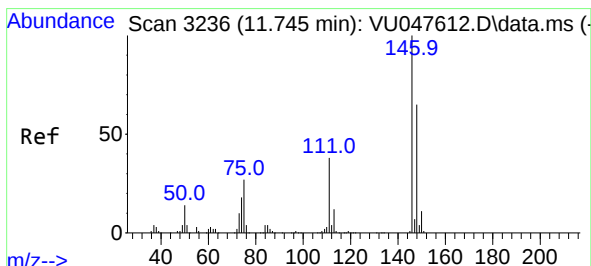
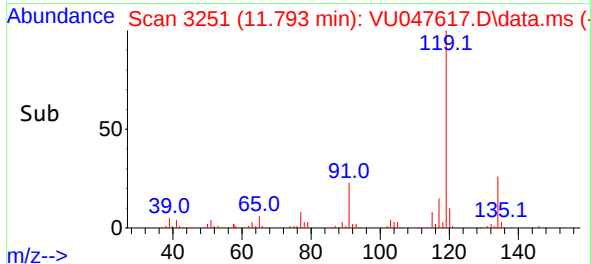
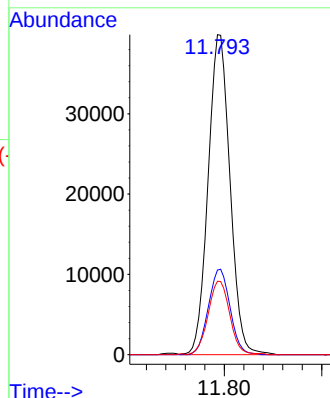
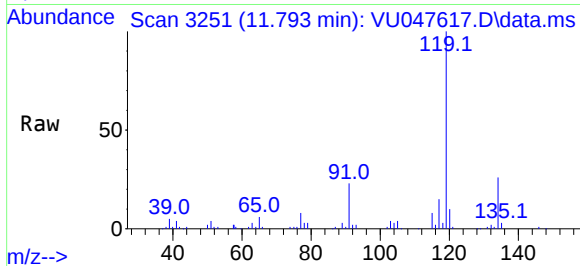
#81
p-Isopropyltoluene
Concen: 1.753 ug/l
RT: 11.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01

Tgt Ion:	119	Resp:	6204
Ion Ratio	Lower	Upper	
119	100		
134	26.5	20.2	30.4
91	22.8	19.9	29.9

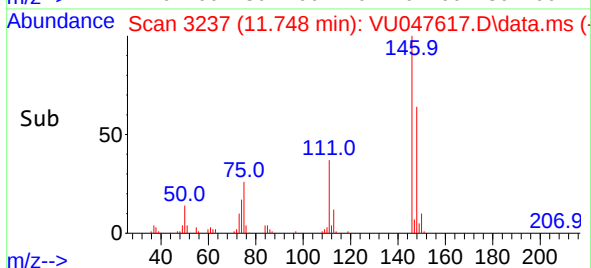
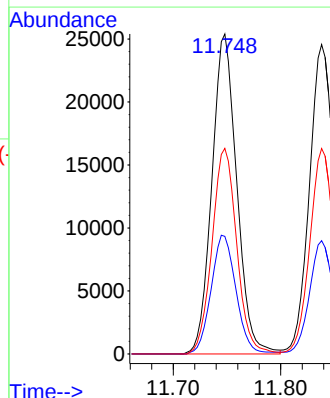
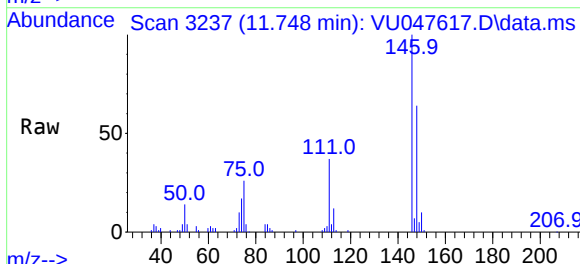
Manual Integrations
APPROVED

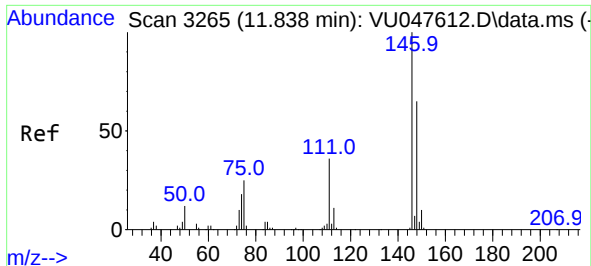
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#82
1,3-Dichlorobenzene
Concen: 1.754 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

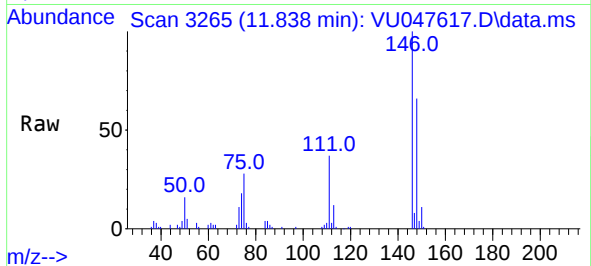
Tgt Ion:	146	Resp:	40827
Ion Ratio	Lower	Upper	
146	100		
111	37.2	33.9	50.9
148	63.8	50.9	76.3





#83
1,4-Dichlorobenzene
Concen: 1.731 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

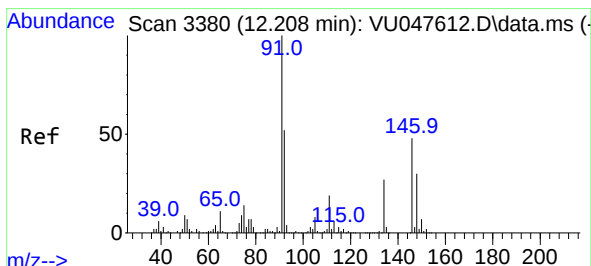
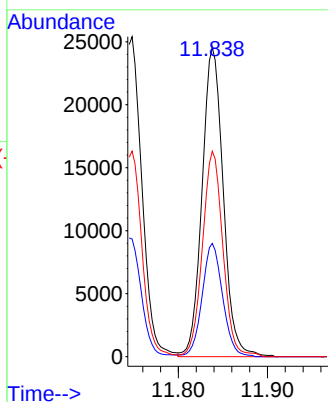
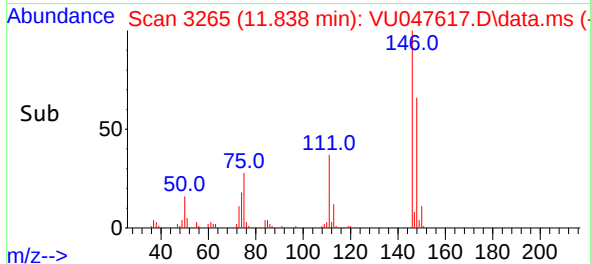
Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01



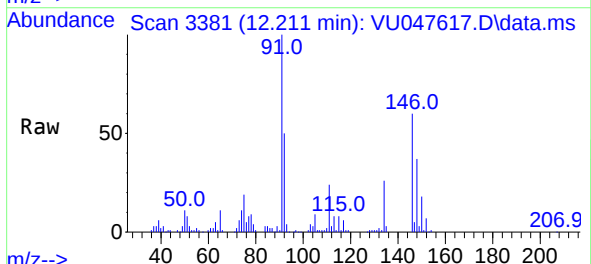
Tgt Ion:146 Resp: 40490
Ion Ratio Lower Upper
146 100
111 35.3 32.7 49.1
148 64.3 51.4 77.0

Manual Integrations
APPROVED

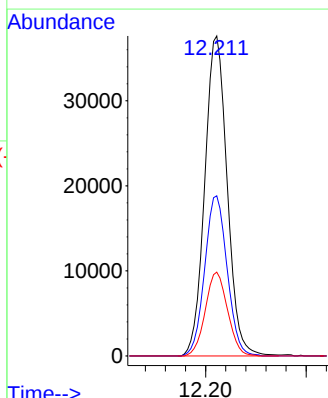
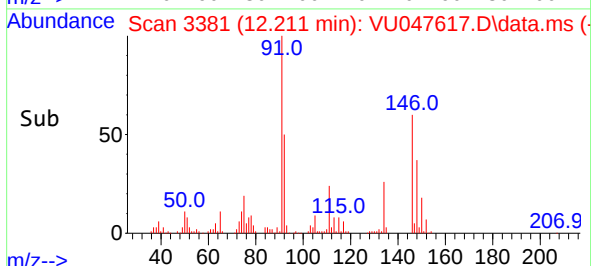
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

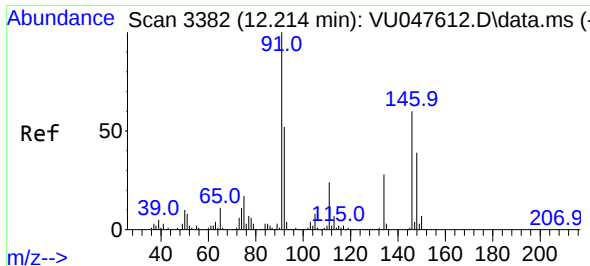


#84
n-Butylbenzene
Concen: 1.775 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47



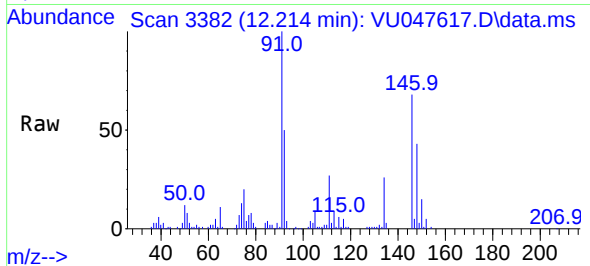
Tgt Ion: 91 Resp: 58251
Ion Ratio Lower Upper
91 100
92 50.1 43.5 65.3
134 26.0 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 1.729 ug/l
RT: 12.214 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

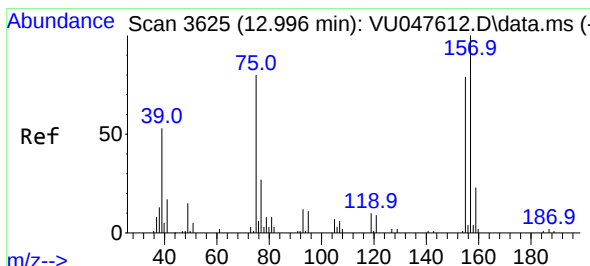
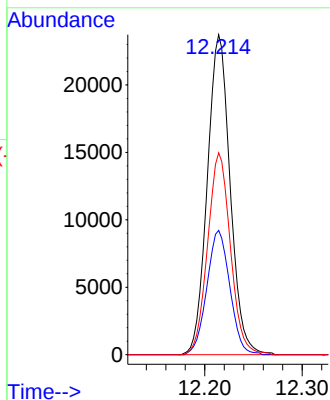
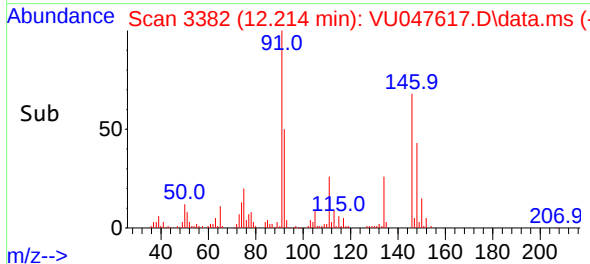
Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01



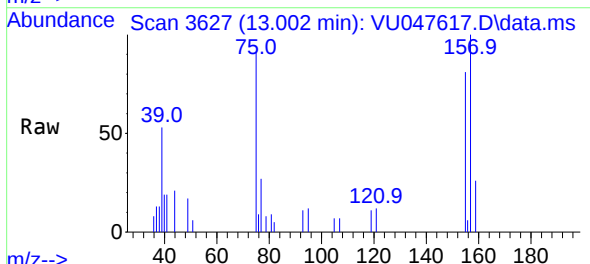
Tgt Ion:146 Resp: 38649
Ion Ratio Lower Upper
146 100
111 39.0 22.1 66.1
148 63.1 31.6 94.7

Manual Integrations
APPROVED

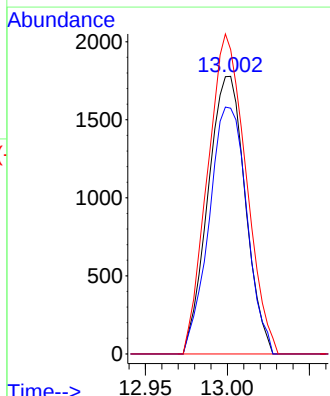
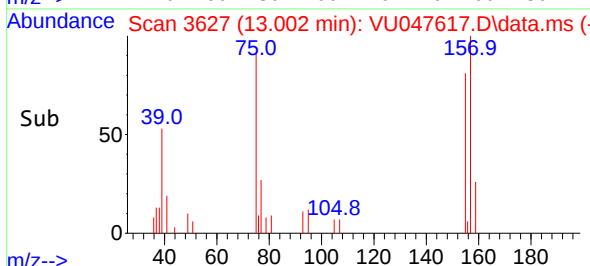
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

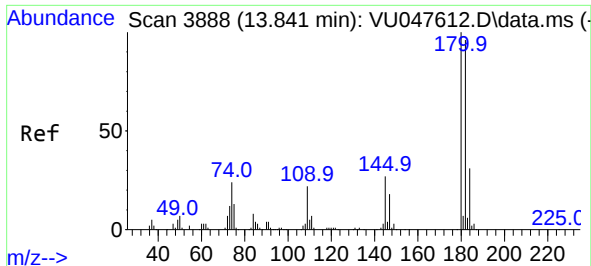


#86
1,2-Dibromo-3-Chloropropane
Concen: 1.653 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.006 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47



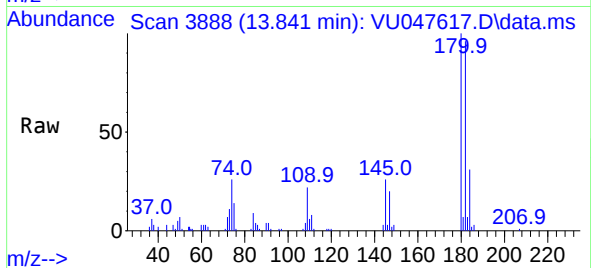
Tgt Ion: 75 Resp: 2808
Ion Ratio Lower Upper
75 100
155 89.9 57.8 86.8#
157 118.4 75.1 112.7#





#87
1,2,4-Trichlorobenzene
Concen: 1.690 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

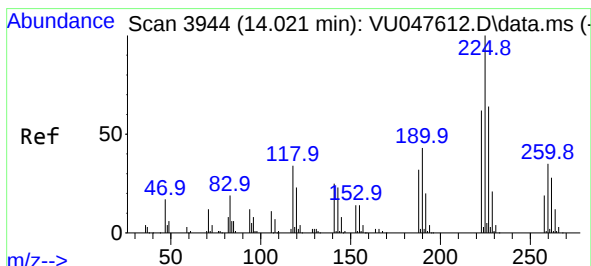
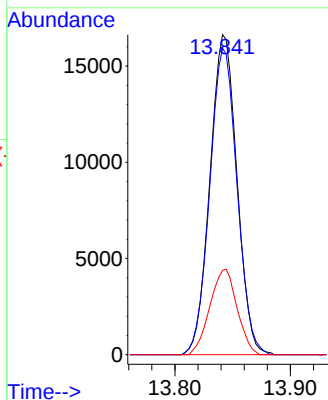
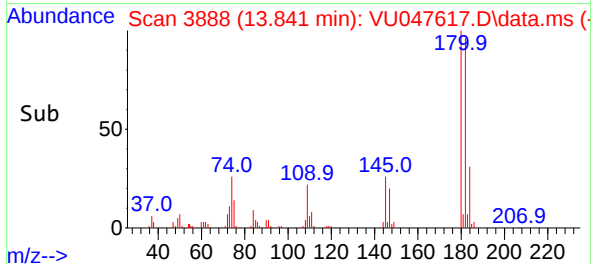
Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01



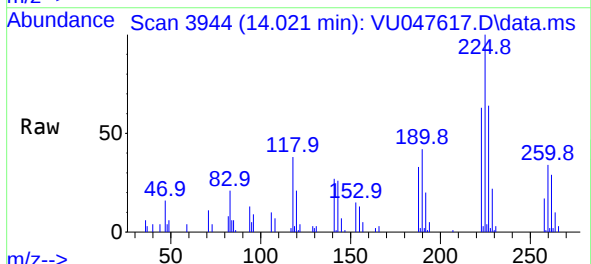
Tgt Ion:180 Resp: 26984
Ion Ratio Lower Upper
180 100
182 96.8 75.8 113.8
145 26.9 25.3 37.9

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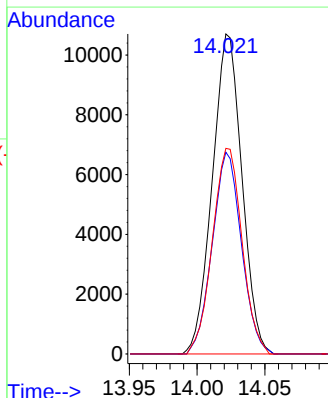
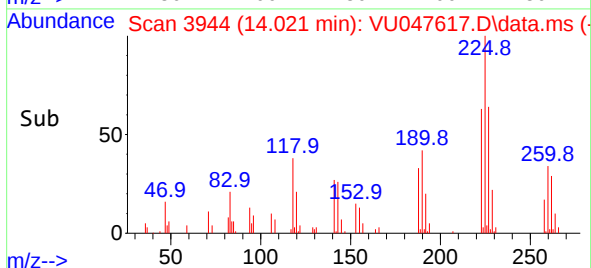
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

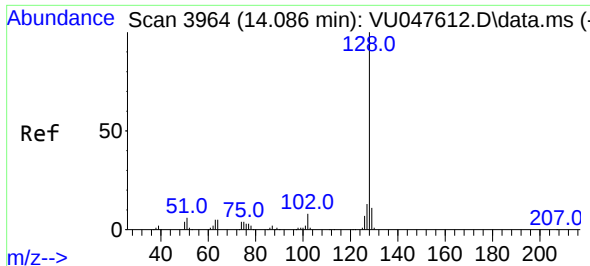


#88
Hexachlorobutadiene
Concen: 1.696 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47



Tgt Ion:225 Resp: 16259
Ion Ratio Lower Upper
225 100
223 62.1 51.1 76.7
227 64.3 49.9 74.9





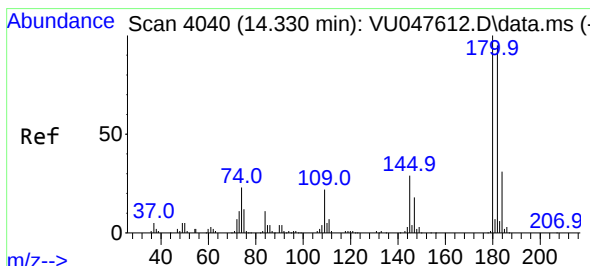
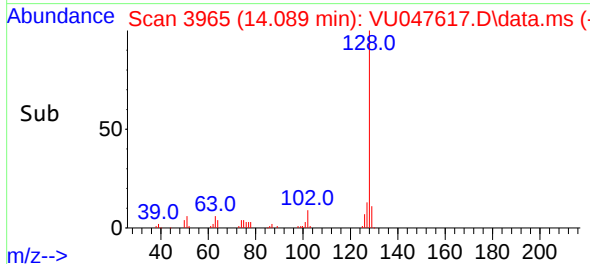
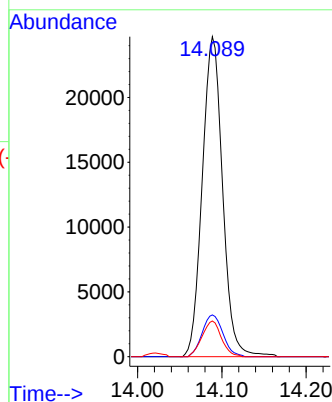
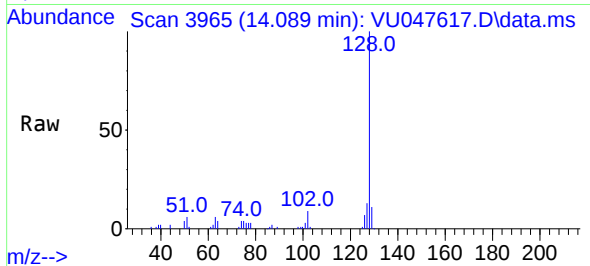
#89
Naphthalene
Concen: 1.528 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :
VU0318WBSD01

Tgt Ion:128	Resp:	41438
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.6 16.0
129	10.7	8.6 13.0

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 1.674 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047617.D
Acq: 18 Mar 2022 15:47

Tgt Ion:180	Resp:	25186
Ion Ratio	Lower	Upper
180	100	
182	97.0	75.4 113.0
145	28.6	27.0 40.4

