

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031822\
 Data File : VU047608.D
 Acq On : 18 Mar 2022 10:02
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

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

Quant Time: Mar 18 12:19:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031822DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Mar 18 12:19:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	29917	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	11344	0.979	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	12717	1.054	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	5143	0.516	ug/l	99
3) Chloromethane	1.530	50	5178	0.505	ug/l	93
4) Vinyl Chloride	1.607	62	4945	0.489	ug/l	99
5) Bromomethane	1.861	94	2984	0.452	ug/l	92
6) Chloroethane	1.938	64	2947	0.507	ug/l	99
7) Trichlorofluoromethane	2.147	101	6641	0.557	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	3660	0.533	ug/l	90
9) 1,1-Dichloroethene	2.588	96	3730	0.527	ug/l	87
11) Allyl Chloride	2.928	41	4931	0.447	ug/l	93
12) Acrylonitrile	3.324	53	1578	0.760	ug/l	# 80
13) Acetone	2.642	43	2736	2.266	ug/l	93
14) Carbon Disulfide	2.800	76	11983	0.501	ug/l	99
15) Methylene Chloride	3.051	84	8530	1.074	ug/l	89
16) trans-1,2-Dichloroethene	3.356	96	4188	0.561	ug/l	88
17) 1,1-Dichloroethane	3.874	63	6904	0.505	ug/l	# 95
18) 2-Butanone	4.732	43	3347	1.601	ug/l	77
19) Cyclohexane	5.391	56	4514m	0.356	ug/l	
20) Methylcyclohexane	6.764	83	4864	0.348	ug/l	95
21) 2,2-Dichloropropane	4.674	77	5956	0.487	ug/l	98
22) cis-1,2-Dichloroethene	4.681	96	4309	0.502	ug/l	85
23) Diethyl Ether	2.385	59	2838	0.497	ug/l	96
25) Methyl tert-Butyl Ether	3.372	73	9516	0.480	ug/l	# 91
26) Bromochloromethane	4.986	128	2428	0.629	ug/l	75
27) Chloroform	5.096	83	7456	0.537	ug/l	86
28) 1,1,1-Trichloroethane	5.321	97	6453	0.537	ug/l	93
29) 1,1-Dichloropropene	5.533	75	4679	0.426	ug/l	96
30) Carbon Tetrachloride	5.526	117	5390	0.510	ug/l	94
31) Isopropyl Ether	4.006	45	8508	0.389	ug/l	87
32) Ethyl-t-butyl ether	4.510	59	8531	0.384	ug/l	94
33) Tert-Amyl methyl ether	5.948	73	7820	0.382	ug/l	98
34) Propionitrile	4.809	54	784m	1.354	ug/l	
35) Benzene	5.777	78	14738	0.478	ug/l	99
36) 1,2-Dichloroethane	5.800	62	4622	0.495	ug/l	# 91
37) Trichloroethene	6.549	130	4231	0.496	ug/l	90
38) 1,2-Dichloropropane	6.796	63	3857	0.473	ug/l	98
39) Methacrylonitrile	4.983	41	1013	0.360	ug/l	# 88
40) Methyl acrylate	4.867	55	1708m	0.360	ug/l	
41) Tetrahydrofuran	5.073	42	950	0.664	ug/l	92
42) 1-Chlorobutane	5.462	56	6322	0.428	ug/l	98
43) Dibromomethane	6.925	93	2427	0.552	ug/l	91
44) Bromodichloromethane	7.112	83	5440	0.523	ug/l	# 92
45) 4-Methyl-2-Pentanone	7.803	43	9937	1.671	ug/l	99
46) t-1,4-Dichloro-2-butene	10.838	75	1941m	0.750	ug/l	

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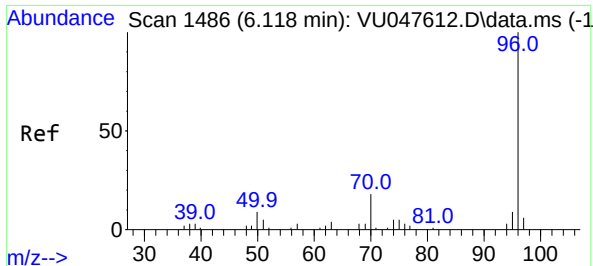
Quant Time: Mar 18 12:19:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031822DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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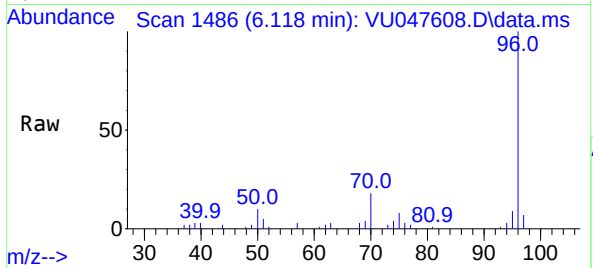
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.970	69	3049	0.661	ug/l	91
48) Ethyl methacrylate	8.340	69	3034	0.325	ug/l	84
49) Toluene	7.970	92	8134	0.409	ug/l	88
50) t-1,3-Dichloropropene	8.218	75	4830	0.429	ug/l #	69
51) cis-1,3-Dichloropropene	7.613	75	5016	0.397	ug/l	96
52) 1,1,2-Trichloroethane	8.404	97	3172	0.506	ug/l	97
53) 1,3-Dichloropropane	8.581	76	5053	0.451	ug/l	99
54) 2-Hexanone	8.694	43	8010	1.808	ug/l	89
55) Dibromochloromethane	8.812	129	3910	0.513	ug/l	97
56) 1,2-Dibromoethane	8.931	107	3192	0.503	ug/l	98
58) Tetrachloroethene	8.555	164	3978	0.505	ug/l	88
59) Chlorobenzene	9.452	112	10129	0.457	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.539	131	4216	0.553	ug/l	98
61) Pentachloroethane	11.430	117	3440	0.595	ug/l	83
62) Hexachloroethane	12.478	117	3354	0.537	ug/l #	73
63) Ethyl Benzene	9.571	91	14388	0.369	ug/l	99
64) m/p-Xylenes	9.697	106	10965	0.738	ug/l	93
65) o-Xylene	10.102	106	5118	0.356	ug/l	98
66) Styrene	10.118	104	8487	0.348	ug/l	95
67) Bromoform	10.295	173	2561	0.530	ug/l #	94
69) Isopropylbenzene	10.484	105	13673	0.353	ug/l	95
70) 1,1,2,2-Tetrachloroethane	10.787	83	4341	0.512	ug/l	97
71) 1,2,3-Trichloropropane	10.828	75	3287m	0.459	ug/l	
72) Bromobenzene	10.787	156	4627	0.490	ug/l	78
73) n-propylbenzene	10.909	120	4019	0.377	ug/l	85
74) 2-Chlorotoluene	10.989	126	3722	0.410	ug/l	86
75) 1,3,5-Trimethylbenzene	11.089	105	10852	0.342	ug/l	99
76) 4-Chlorotoluene	11.102	126	3827	0.401	ug/l	79
77) tert-Butylbenzene	11.423	119	12090	0.380	ug/l	90
78) 1,2,4-Trimethylbenzene	11.472	105	11127	0.344	ug/l	97
79) sec-Butylbenzene	11.645	105	15254	0.361	ug/l	98
80) Nitrobenzene	13.221	77	715	1.746	ug/l #	77
81) p-Isopropyltoluene	11.796	119	12127	0.339	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	8935	0.486	ug/l	94
83) 1,4-Dichlorobenzene	11.841	146	9065	0.489	ug/l	96
84) n-Butylbenzene	12.211	91	11306	0.329	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	8800	0.497	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	13.002	75	655	0.421	ug/l #	81
87) 1,2,4-Trichlorobenzene	13.844	180	5608	0.403	ug/l	93
88) Hexachlorobutadiene	14.021	225	3874	0.545	ug/l	96
90) 1,2,3-Trichlorobenzene	14.333	180	5373	0.431	ug/l	96

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU047608.D
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Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

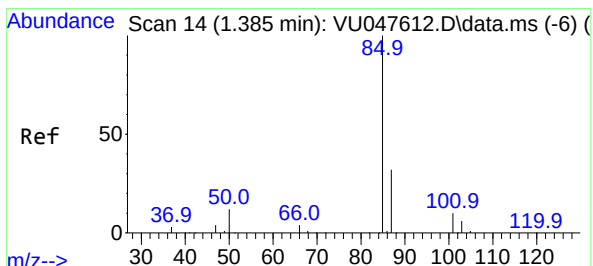
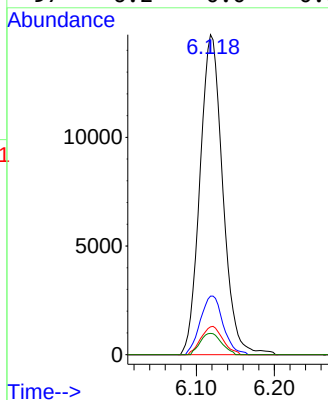
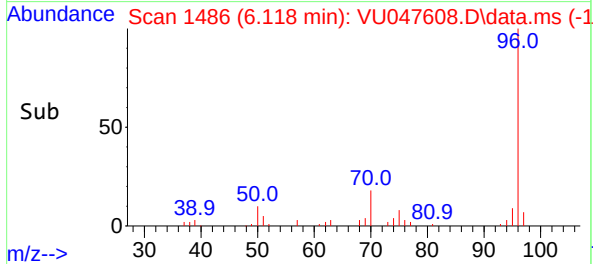


Tgt Ion: 96 Resp: 2991

Ion	Ratio	Lower	Upper
96	100		
70	18.4	16.8	25.2
95	8.5	7.3	10.9
97	6.2	0.0	0.0

Manual Integrations
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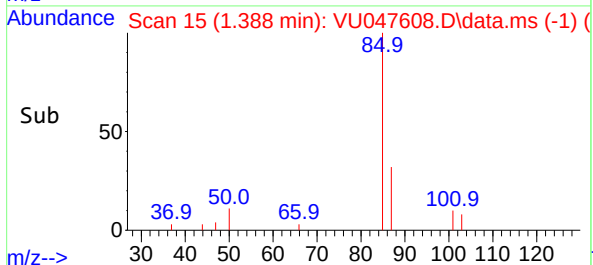
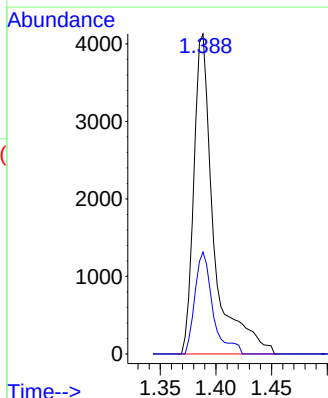
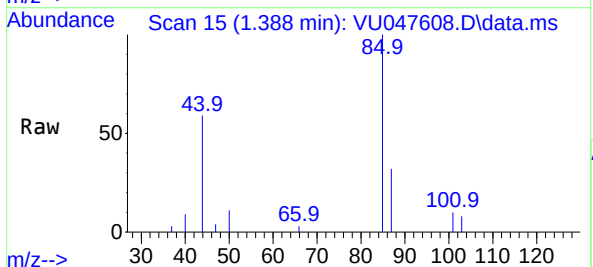
Reviewed By :John Carlone 03/31/2022
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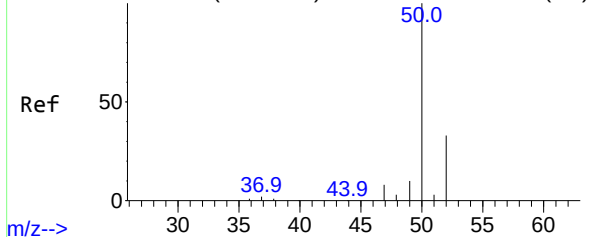
#2
Dichlorodifluoromethane
Concen: 0.516 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Tgt Ion: 85 Resp: 5143

Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.2	48.6

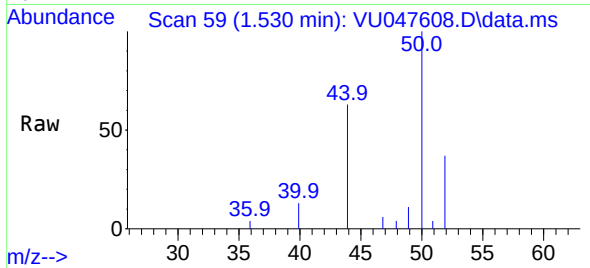


Abundance Scan 58 (1.527 min): VU047612.D\data.ms (-48)



#3
Chloromethane
Concen: 0.505 ug/l
RT: 1.530 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

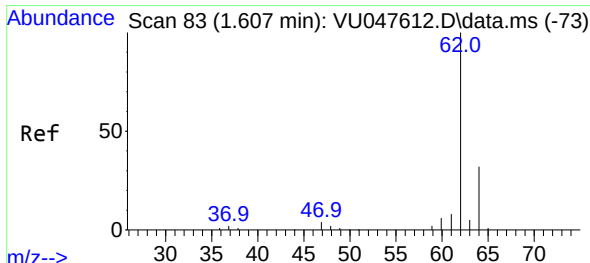
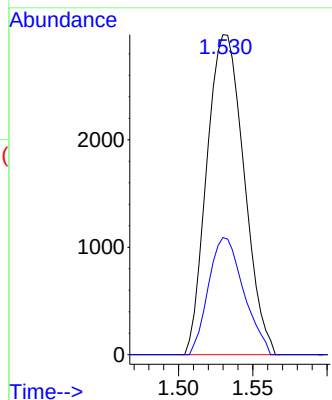
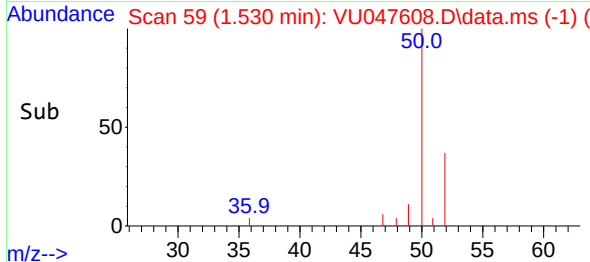
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 50 Resp: 5178
Ion Ratio Lower Upper
50 100
52 36.6 26.2 39.4

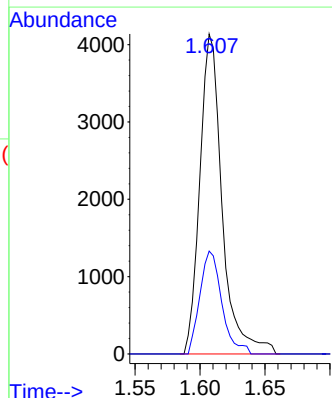
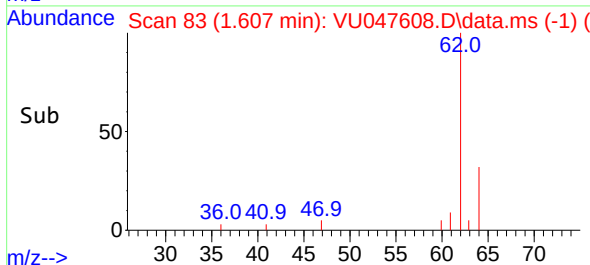
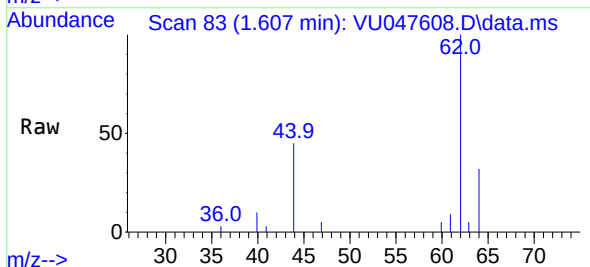
Manual Integrations
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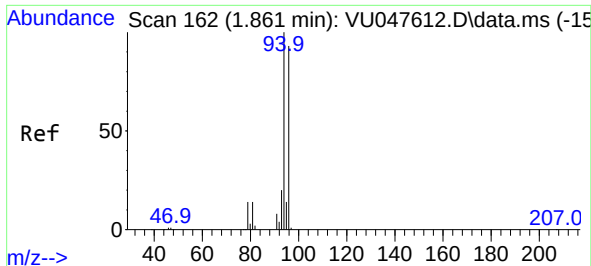
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#4
Vinyl Chloride
Concen: 0.489 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

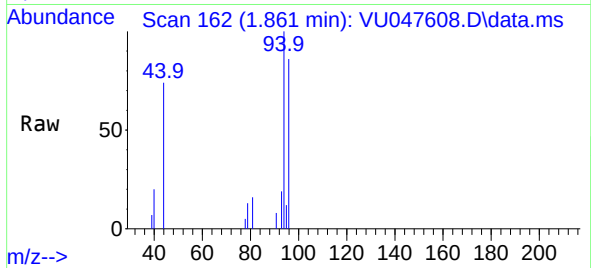
Tgt Ion: 62 Resp: 4945
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0





#5
Bromomethane
Concen: 0.452 ug/l
RT: 1.861 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

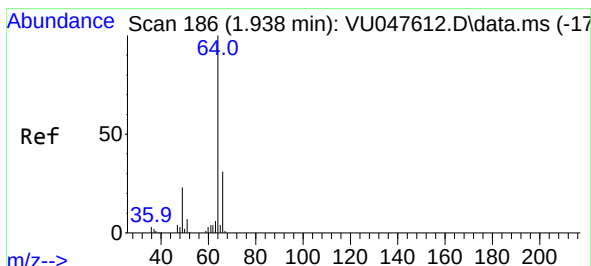
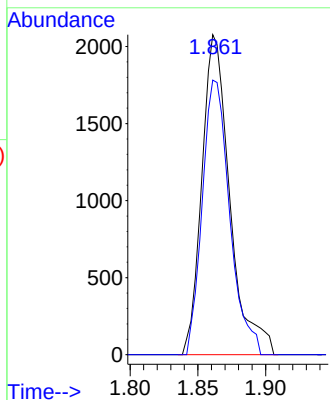
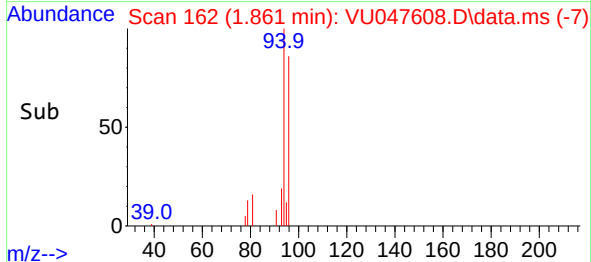
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 94 Resp: 2984
Ion Ratio Lower Upper
94 100
96 85.8 75.0 112.4

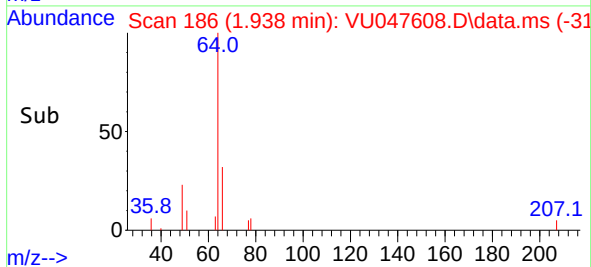
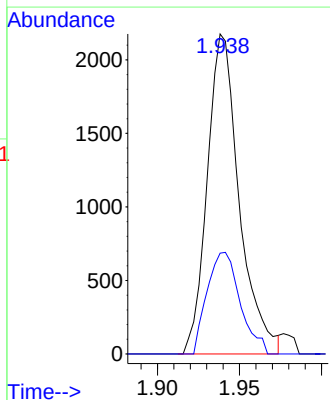
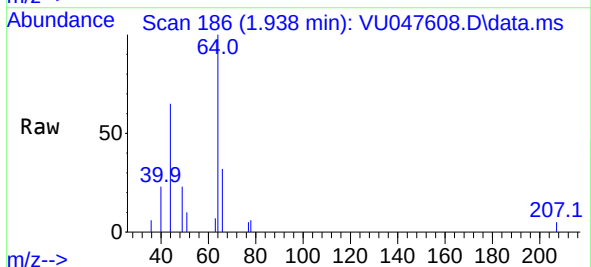
Manual Integrations
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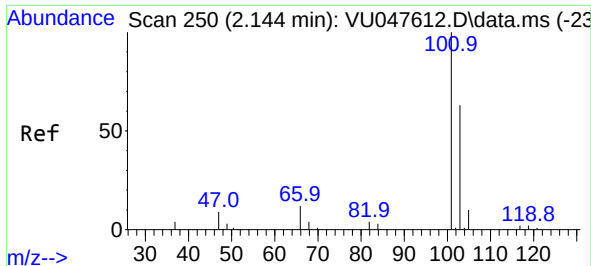
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#6
Chloroethane
Concen: 0.507 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Tgt Ion: 64 Resp: 2947
Ion Ratio Lower Upper
64 100
66 31.5 25.8 38.8





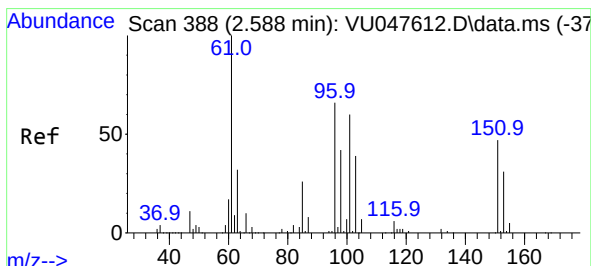
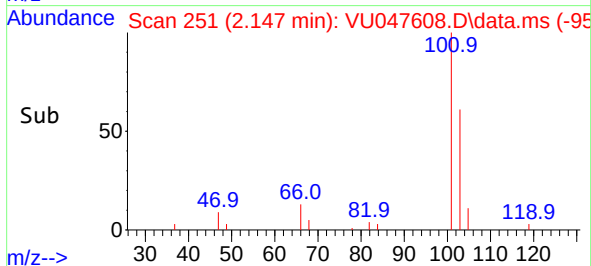
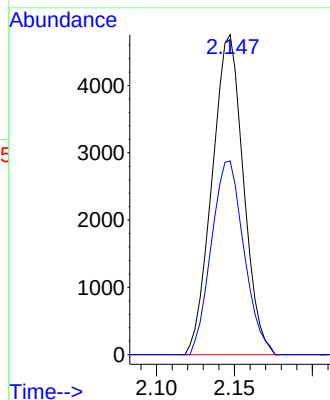
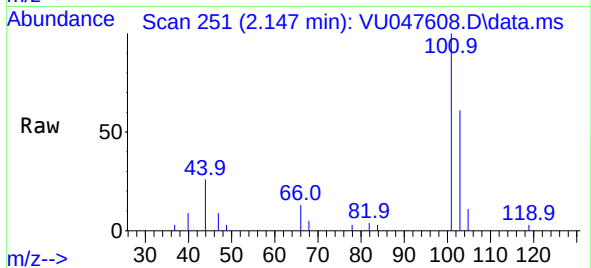
#7
Trichlorofluoromethane
Concen: 0.557 ug/l
RT: 2.147 min Scan# 210
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:101 Resp: 664
Ion Ratio Lower Upper
101 100
103 60.6 52.2 78.2

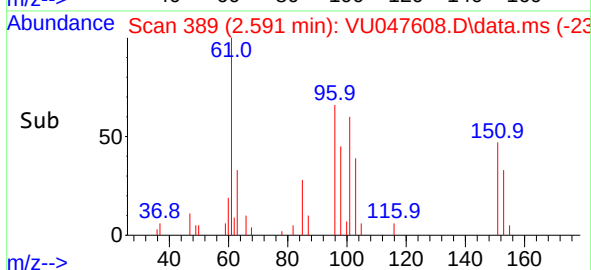
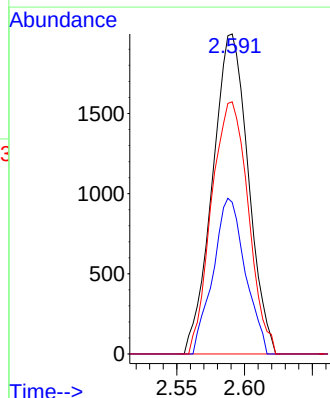
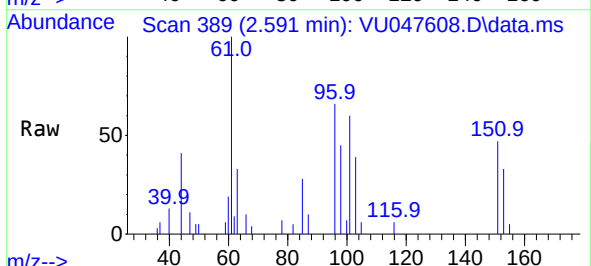
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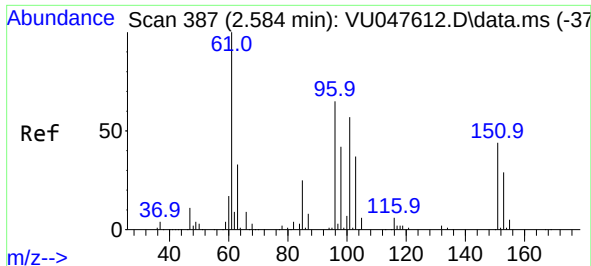
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.533 ug/l
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Tgt Ion:101 Resp: 3660
Ion Ratio Lower Upper
101 100
85 43.6 35.8 53.6
151 80.9 54.6 81.8





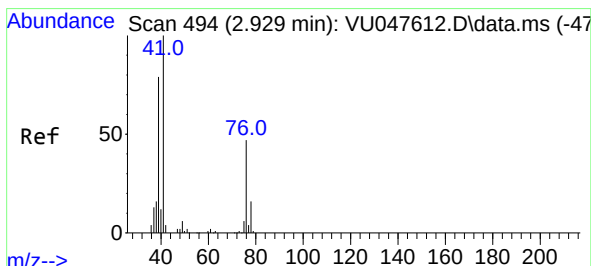
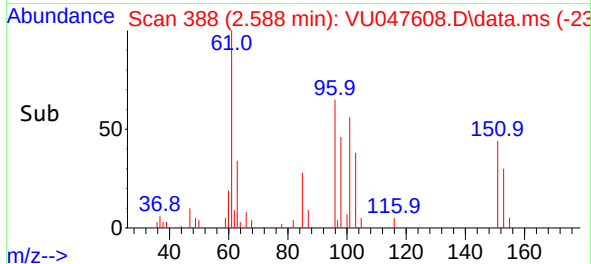
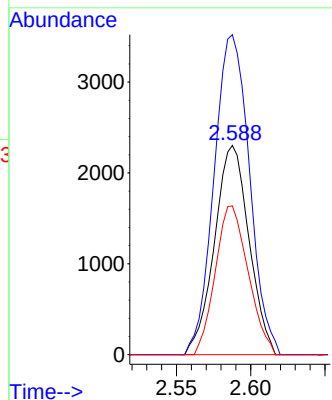
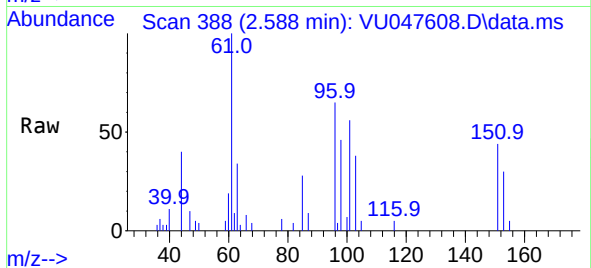
#9
1,1-Dichloroethene
Concen: 0.527 ug/l
RT: 2.588 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 96 Resp: 3730
Ion Ratio Lower Upper
96 100
61 152.9 0.0 514.2
98 71.1 0.0 126.4

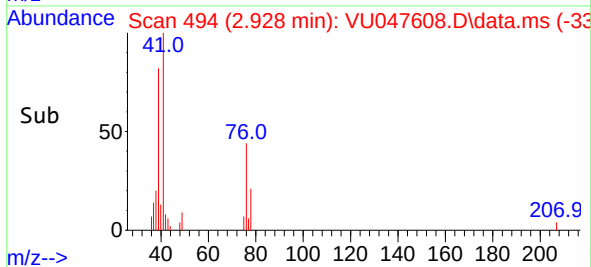
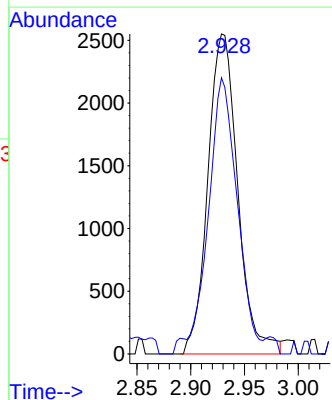
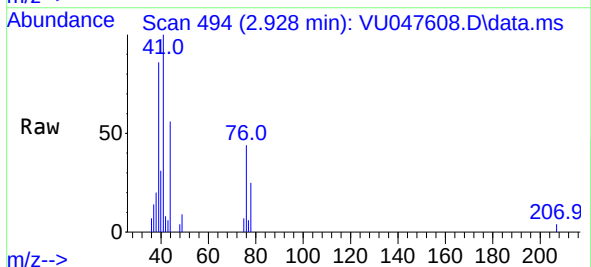
Manual Integrations
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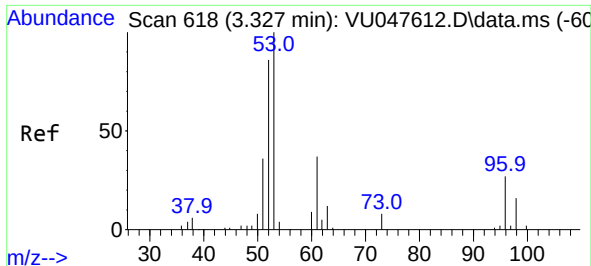
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#11
Allyl Chloride
Concen: 0.447 ug/l
RT: 2.928 min Scan# 494
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

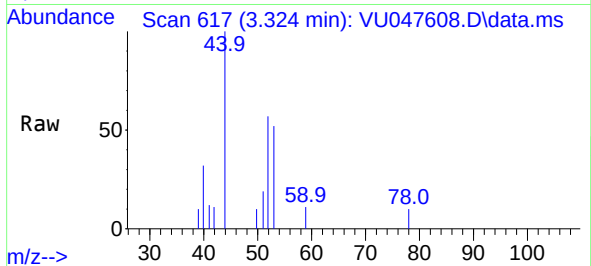
Tgt Ion: 41 Resp: 4931
Ion Ratio Lower Upper
41 100
39 84.1 62.4 93.6





#12
Acrylonitrile
Concen: 0.760 ug/l
RT: 3.324 min Scan# 618
Delta R.T. -0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

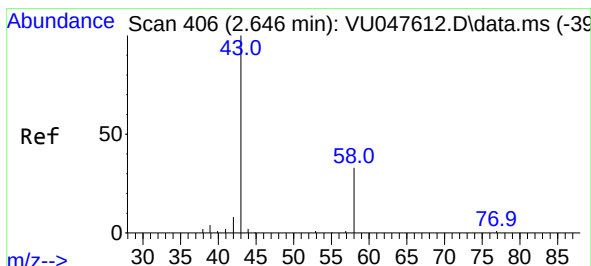
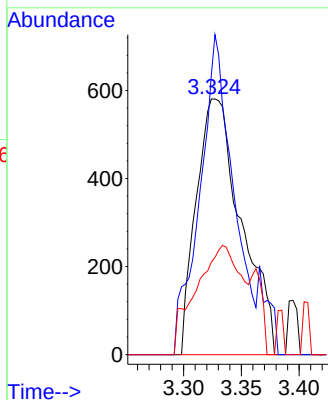
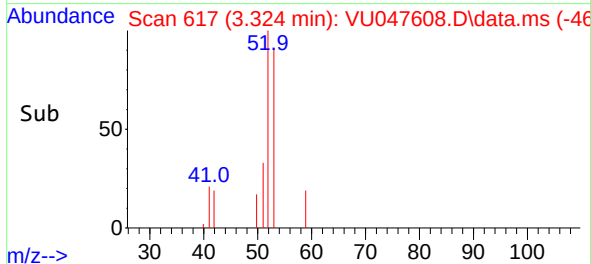
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



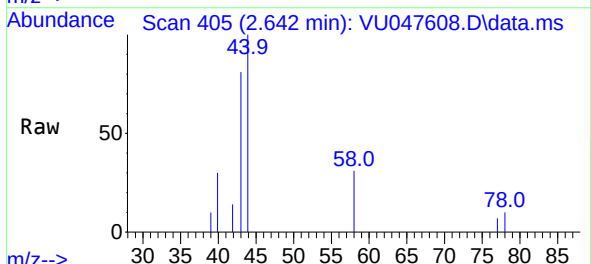
Tgt Ion: 53 Resp: 1578
Ion Ratio Lower Upper
53 100
52 92.9 56.7 85.1
51 43.2 30.3 45.5

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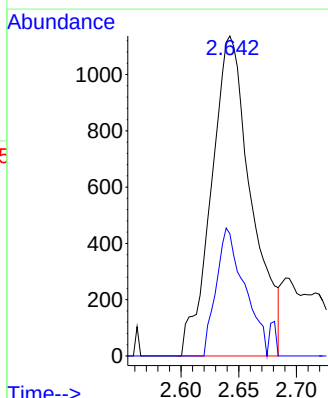
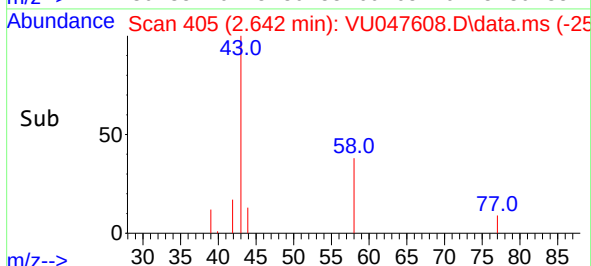
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

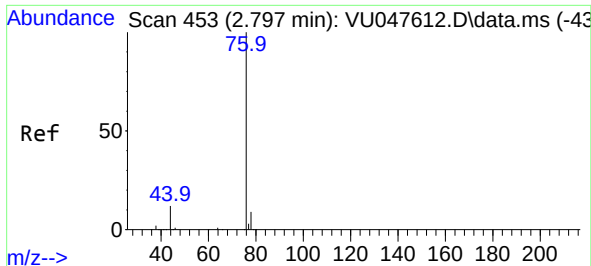


#13
Acetone
Concen: 2.266 ug/l
RT: 2.642 min Scan# 405
Delta R.T. -0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02



Tgt Ion: 43 Resp: 2736
Ion Ratio Lower Upper
43 100
58 38.2 27.1 40.7





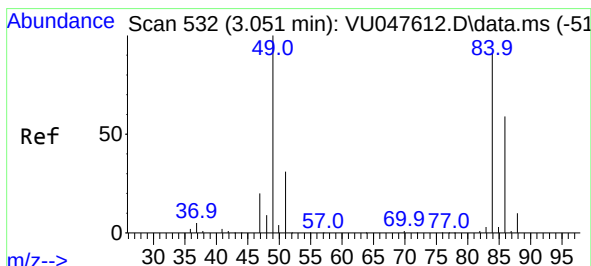
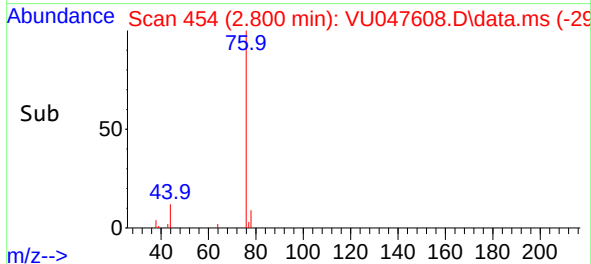
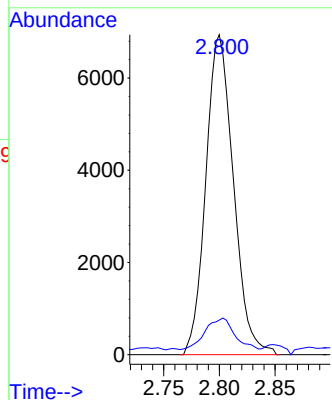
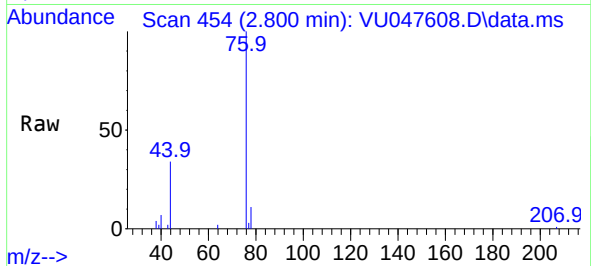
#14
Carbon Disulfide
Concen: 0.501 ug/l
RT: 2.800 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 76 Resp: 1198
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

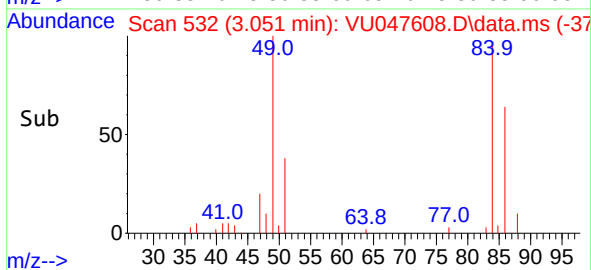
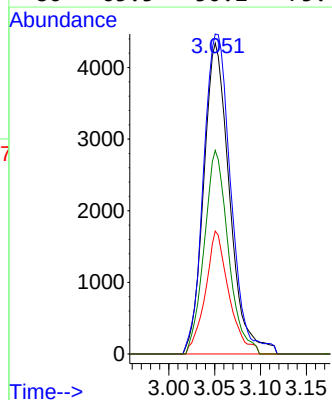
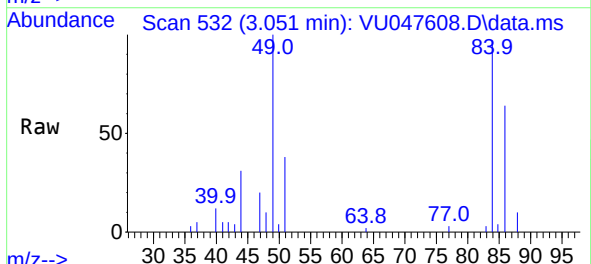
Manual Integrations
APPROVED

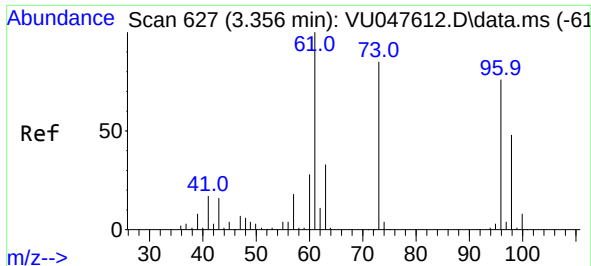
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#15
Methylene Chloride
Concen: 1.074 ug/l
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

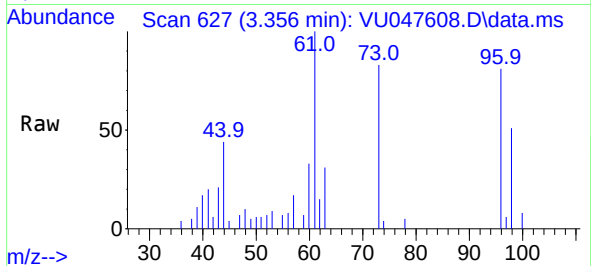
Tgt Ion: 84 Resp: 8530
Ion Ratio Lower Upper
84 100
49 103.0 97.2 145.8
51 39.6 0.0 73.4
86 65.5 50.2 75.4





#16
trans-1,2-Dichloroethene
Concen: 0.561 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

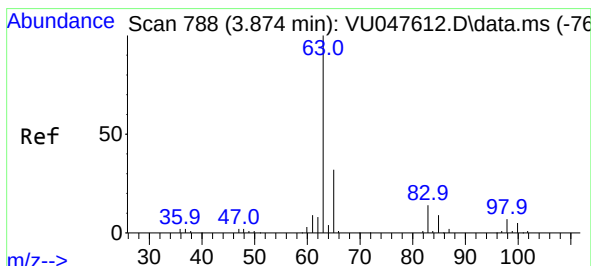
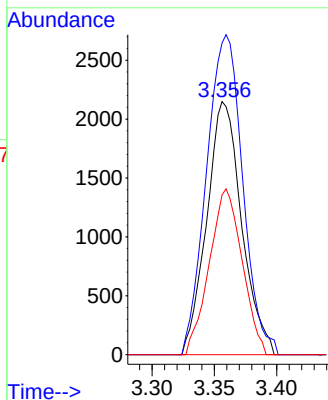
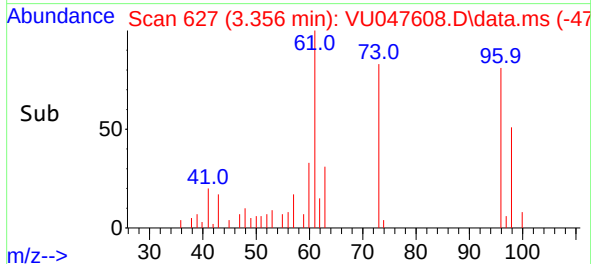
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



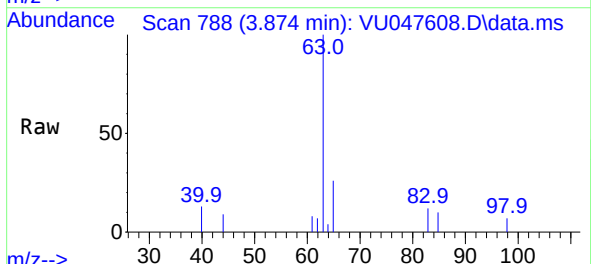
Tgt Ion: 96 Resp: 418
Ion Ratio Lower Upper
96 100
61 123.1 115.8 173.6
98 63.1 51.1 76.7

Manual Integrations
APPROVED

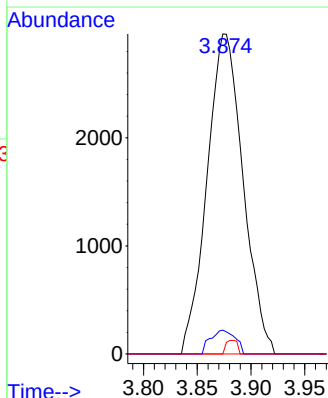
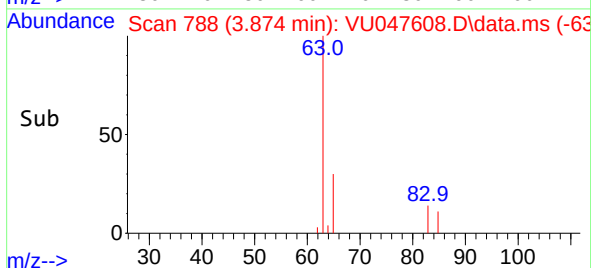
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

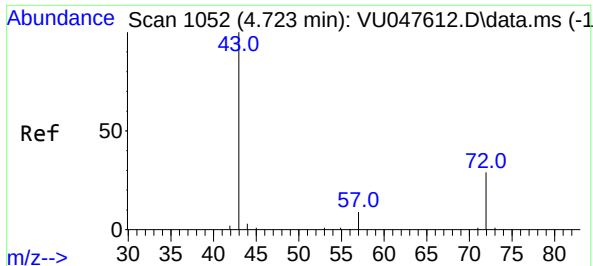


#17
1,1-Dichloroethane
Concen: 0.505 ug/l
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02



Tgt Ion: 63 Resp: 6904
Ion Ratio Lower Upper
63 100
98 7.5 3.6 10.8
100 0.0 2.1 6.5#





#18

2-Butanone

Concen: 1.601 ug/l

RT: 4.732 min Scan# 1055

Delta R.T. 0.010 min

Lab File: VU047608.D

Acq: 18 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

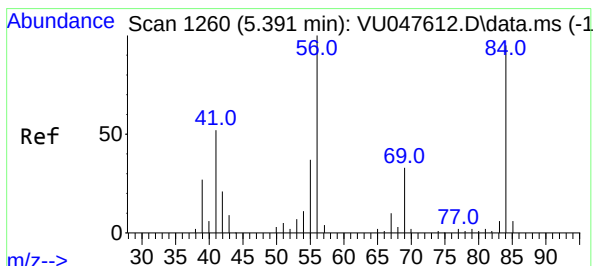
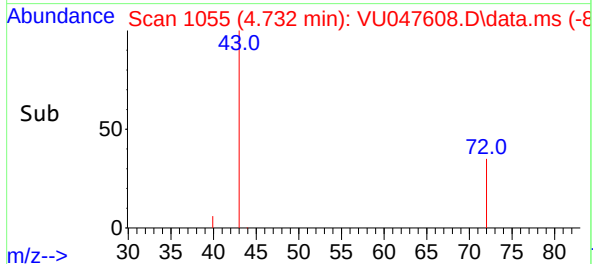
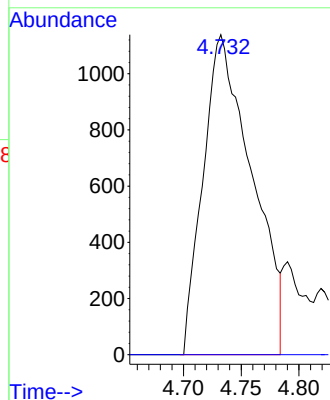
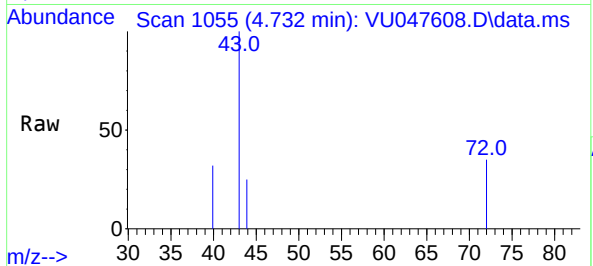
Tgt Ion:	43	Resp:	334
Ion Ratio	Lower	Upper	
43	100		
57	0.0	0.0	16.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#19

Cyclohexane

Concen: 0.356 ug/l m

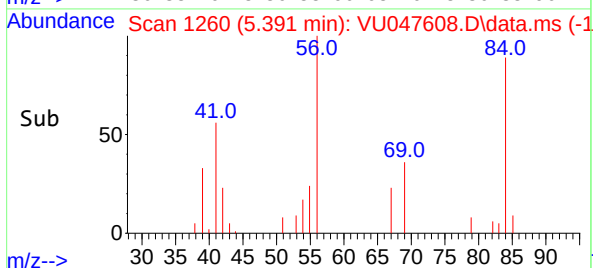
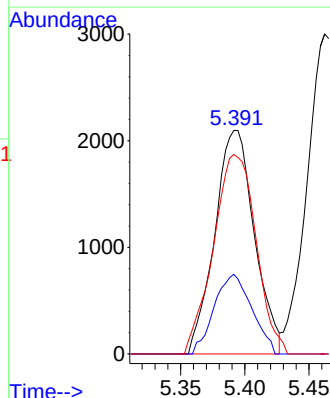
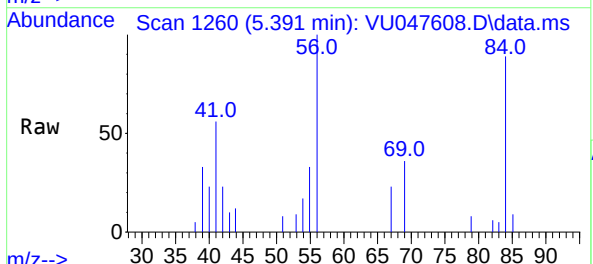
RT: 5.391 min Scan# 1260

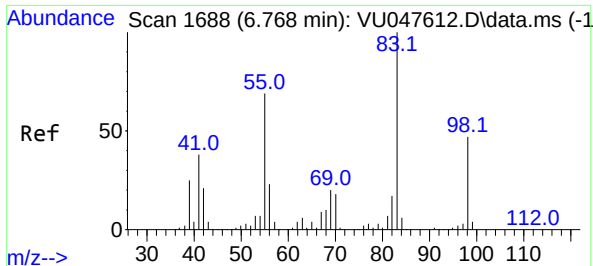
Delta R.T. -0.000 min

Lab File: VU047608.D

Acq: 18 Mar 2022 10:02

Tgt Ion:	56	Resp:	4514
Ion Ratio	Lower	Upper	
56	100		
69	33.7	24.7	37.1
84	95.6	68.8	103.2





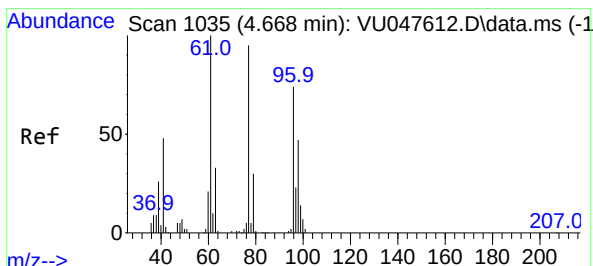
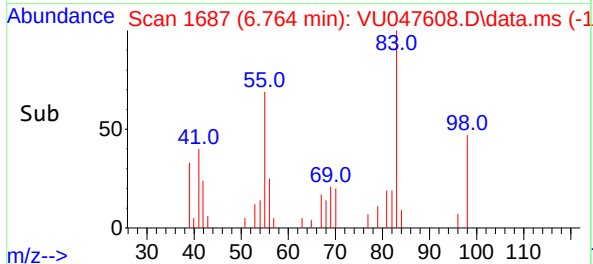
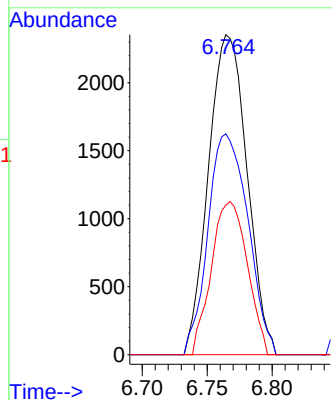
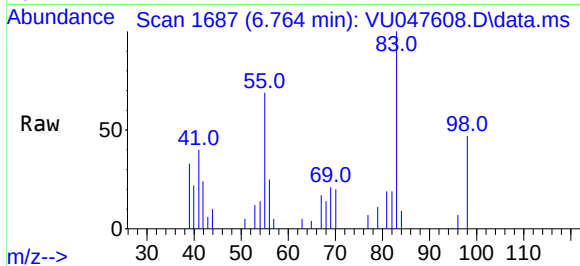
#20
Methylcyclohexane
Concen: 0.348 ug/l
RT: 6.764 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 4864
Ion Ratio Lower Upper
83 100
55 71.6 61.9 92.9
98 44.5 37.4 56.2

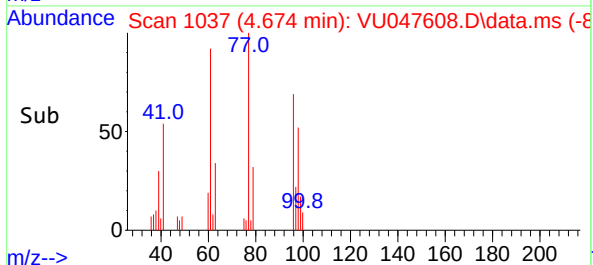
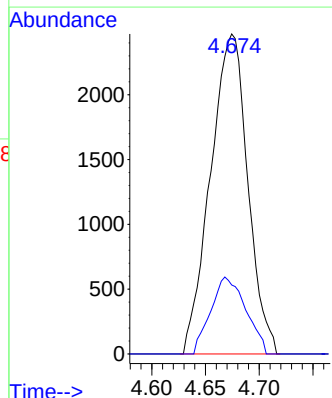
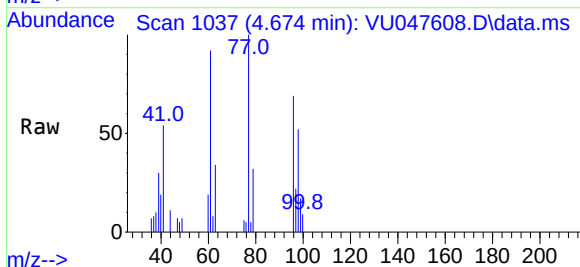
Manual Integrations
APPROVED

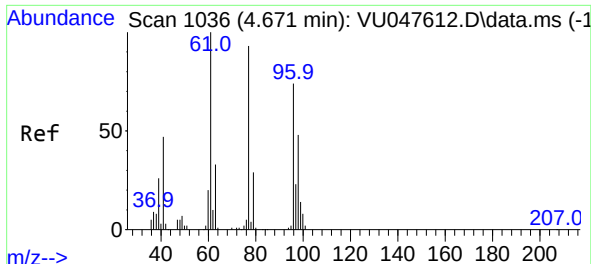
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#21
2,2-Dichloropropane
Concen: 0.487 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

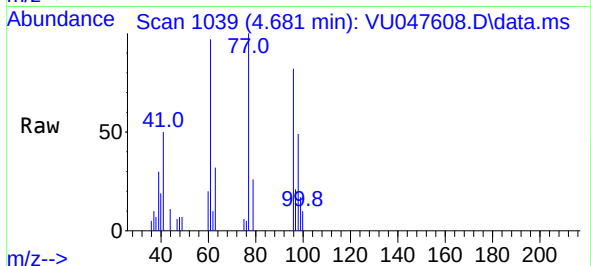
Tgt Ion: 77 Resp: 5956
Ion Ratio Lower Upper
77 100
97 22.6 17.2 25.8





#22
cis-1,2-Dichloroethene
Concen: 0.502 ug/l
RT: 4.681 min Scan# 1036
Delta R.T. 0.010 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

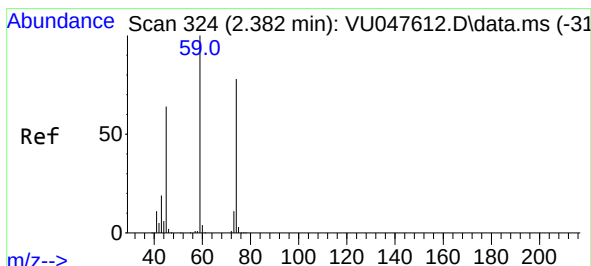
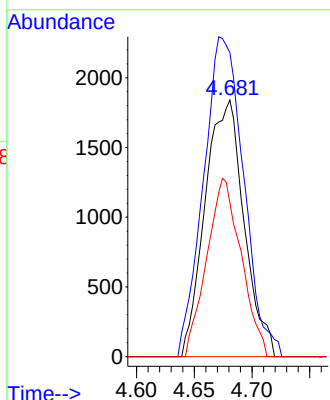
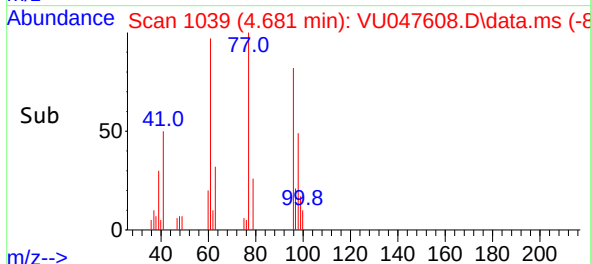
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 96 Resp: 4309
Ion Ratio Lower Upper
96 100
61 128.8 0.0 385.3
98 61.4 32.1 96.3

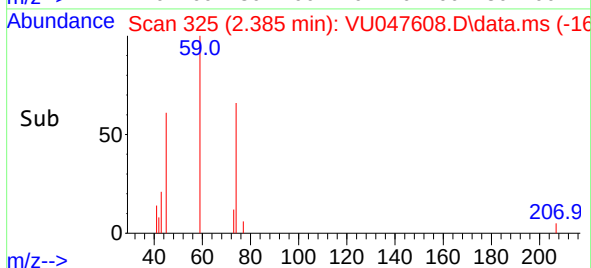
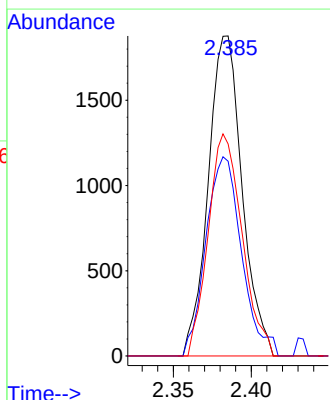
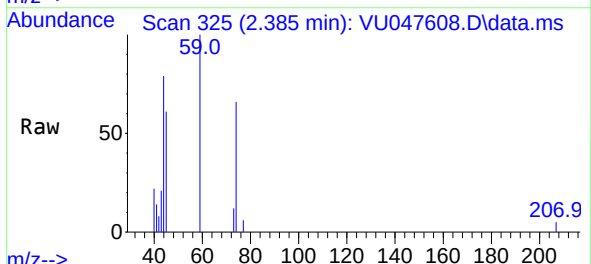
Manual Integrations
APPROVED

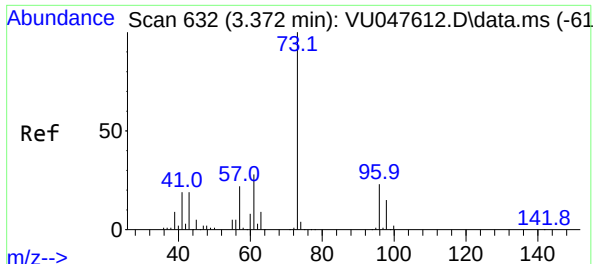
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#23
Diethyl Ether
Concen: 0.497 ug/l
RT: 2.385 min Scan# 325
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

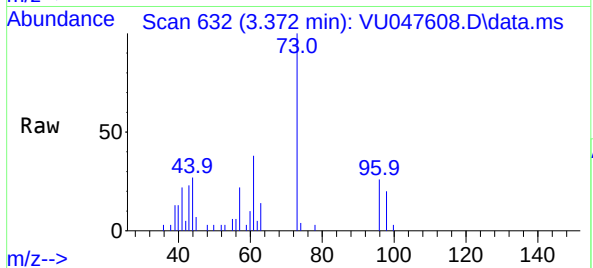
Tgt Ion: 59 Resp: 2838
Ion Ratio Lower Upper
59 100
45 65.5 55.6 83.4
74 69.4 58.1 87.1





#25
Methyl tert-Butyl Ether
Concen: 0.480 ug/l
RT: 3.372 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

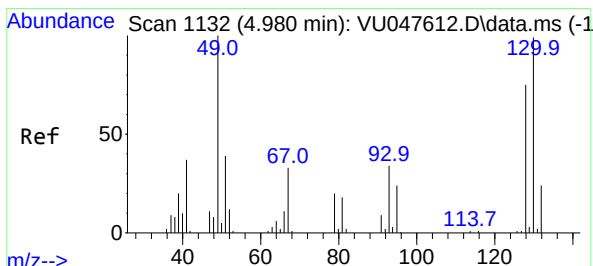
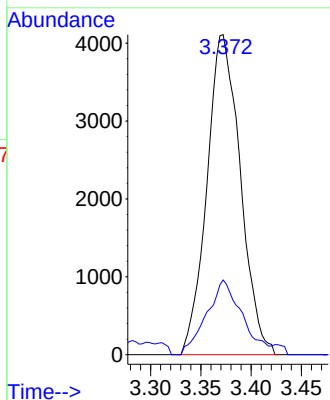
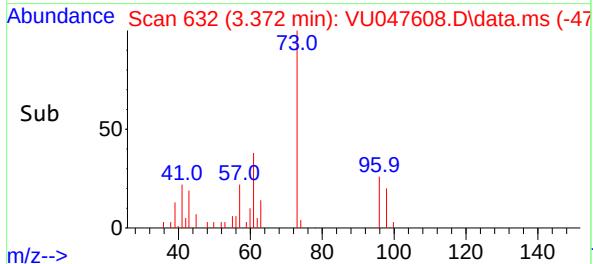
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



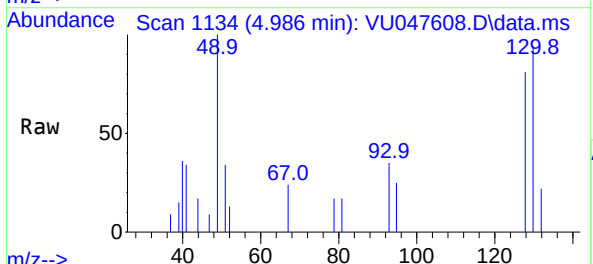
Tgt Ion: 73 Resp: 9510
Ion Ratio Lower Upper
73 100
43 24.7 16.3 24.5

Manual Integrations
APPROVED

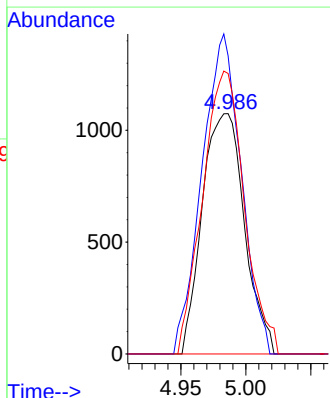
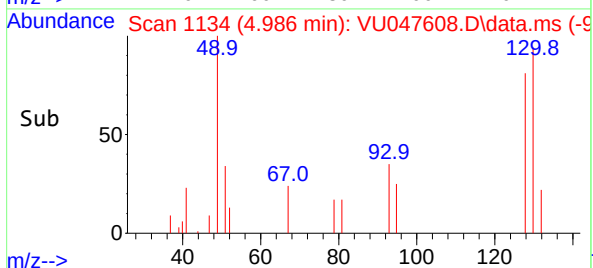
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

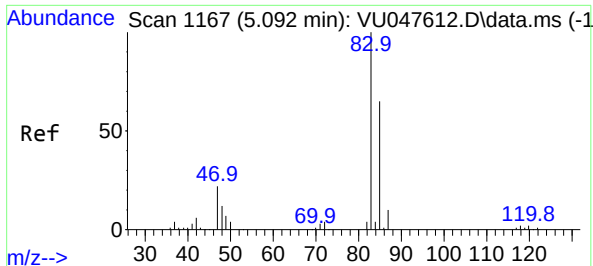


#26
Bromochloromethane
Concen: 0.629 ug/l
RT: 4.986 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02



Tgt Ion:128 Resp: 2428
Ion Ratio Lower Upper
128 100
49 123.6 0.0 347.4
130 116.1 101.5 152.3





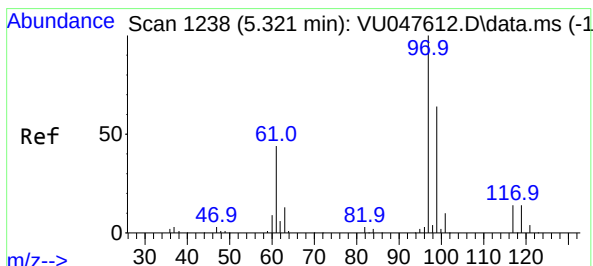
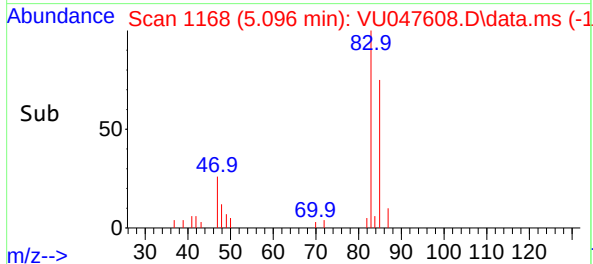
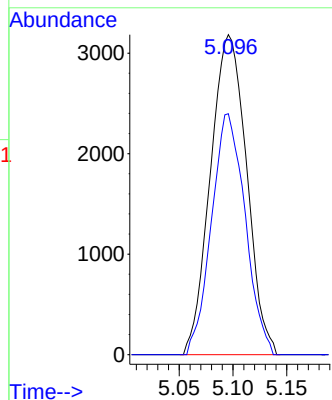
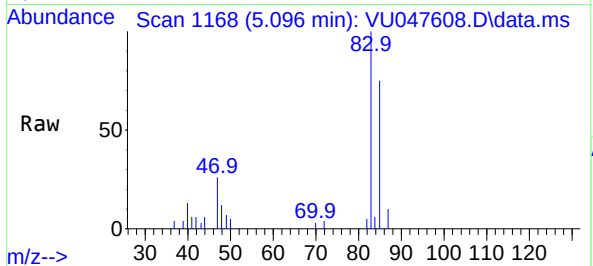
#27
Chloroform
Concen: 0.537 ug/l
RT: 5.096 min Scan# 1167
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 7450
Ion Ratio Lower Upper
83 100
85 75.3 0.0 129.2

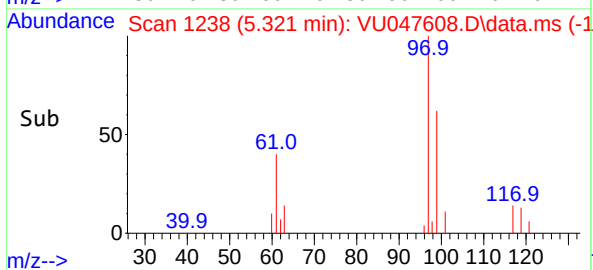
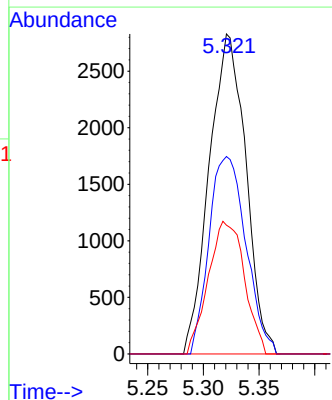
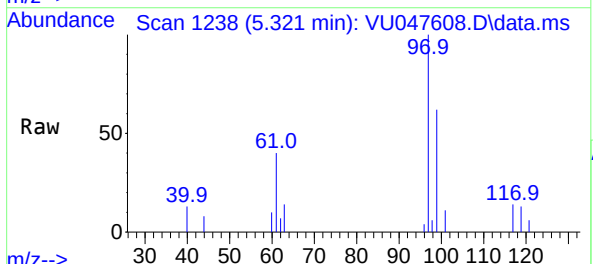
Manual Integrations
APPROVED

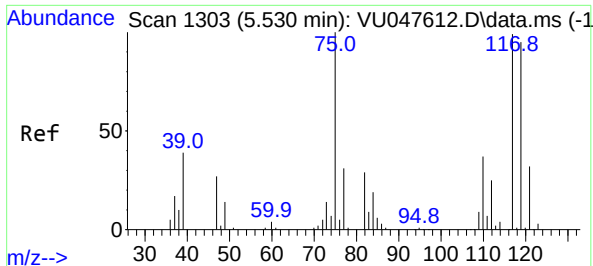
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#28
1,1,1-Trichloroethane
Concen: 0.537 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Tgt Ion: 97 Resp: 6453
Ion Ratio Lower Upper
97 100
99 62.4 32.2 96.6
61 40.9 24.5 73.5





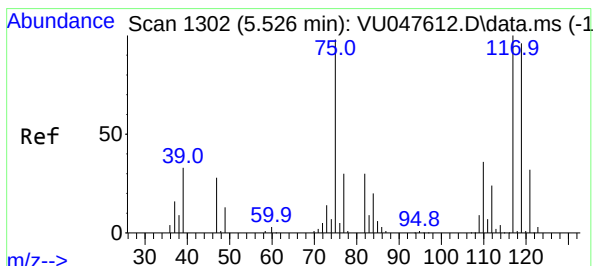
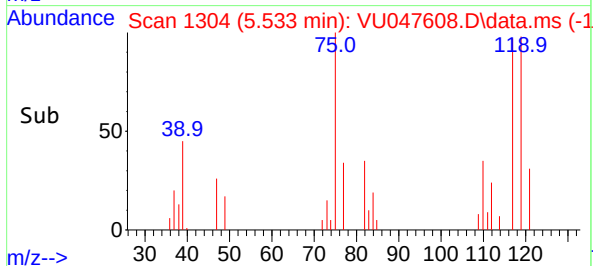
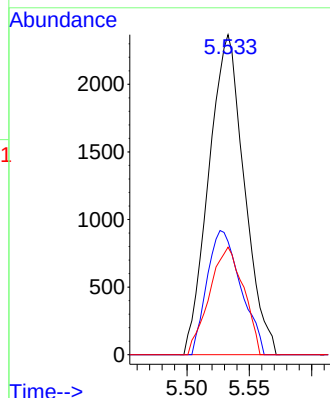
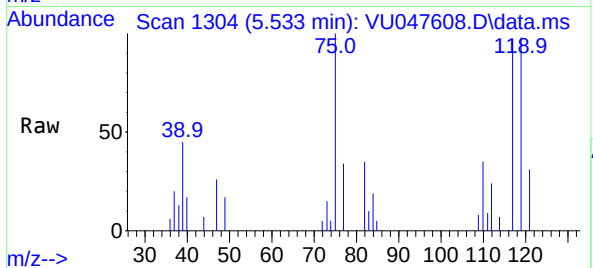
#29
1,1-Dichloropropene
Concen: 0.426 ug/l
RT: 5.533 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 75 Resp: 4679
Ion Ratio Lower Upper
75 100
110 37.0 16.8 50.3
77 32.3 24.7 37.1

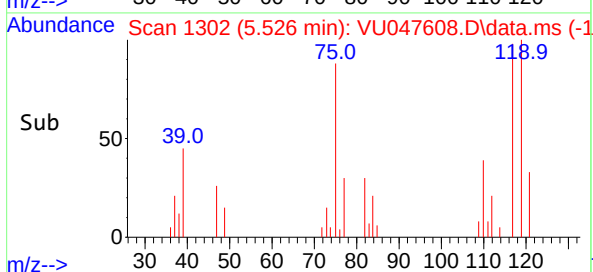
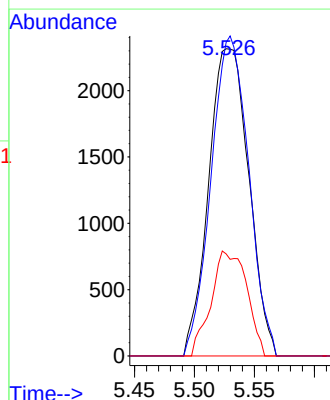
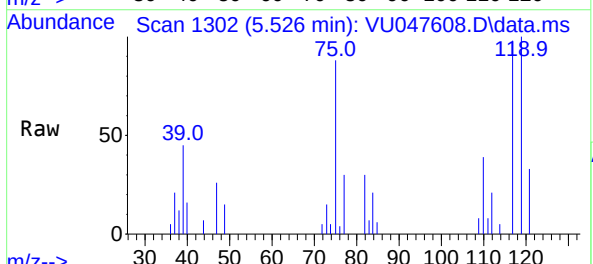
Manual Integrations
APPROVED

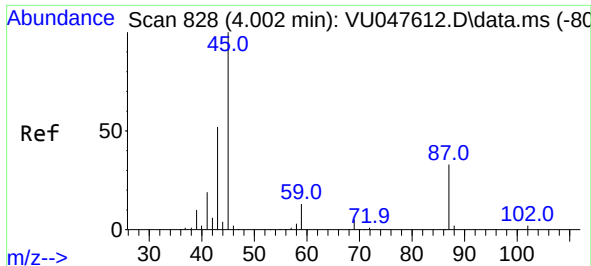
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#30
Carbon Tetrachloride
Concen: 0.510 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

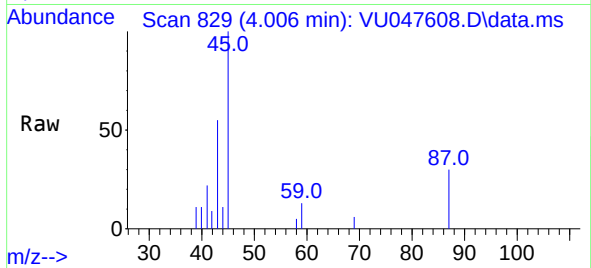
Tgt Ion:117 Resp: 5390
Ion Ratio Lower Upper
117 100
119 102.0 76.8 115.2
121 33.2 24.6 37.0





#31
Isopropyl Ether
Concen: 0.389 ug/l
RT: 4.006 min Scan# 828
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

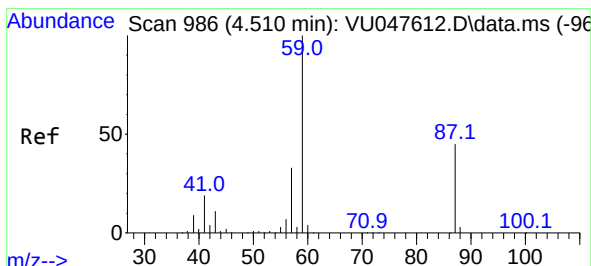
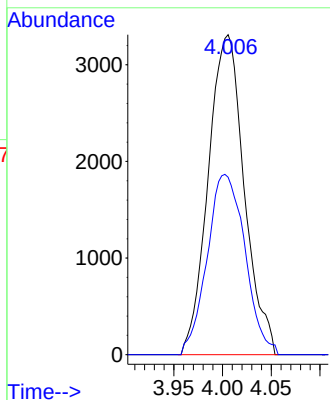
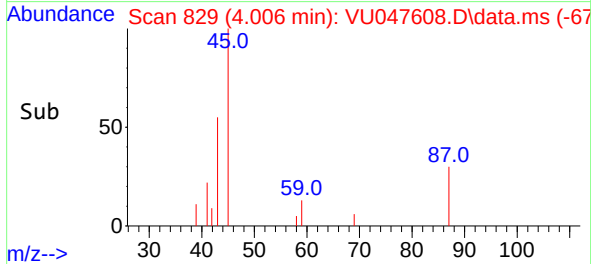
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



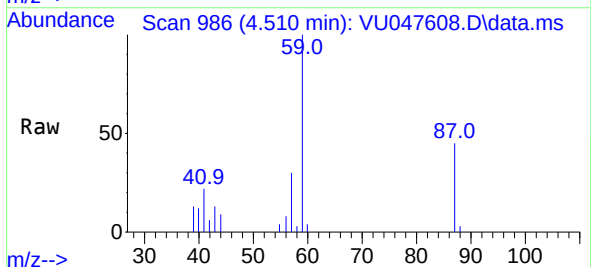
Tgt Ion: 45 Resp: 8508
Ion Ratio Lower Upper
45 100
43 59.4 25.3 75.8

Manual Integrations
APPROVED

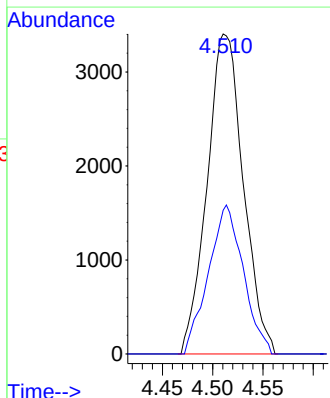
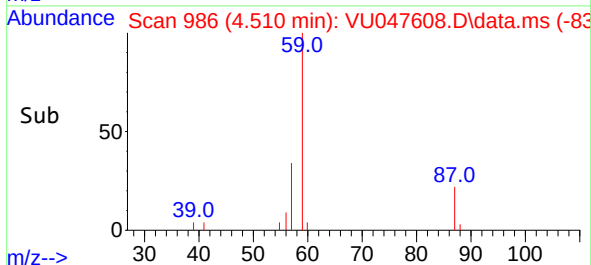
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

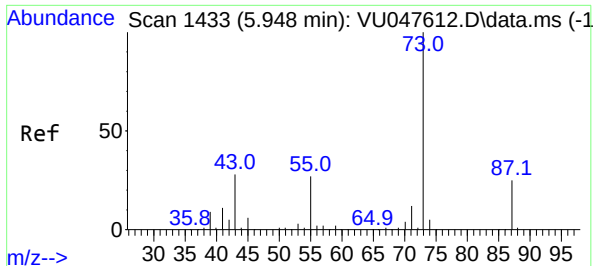


#32
Ethyl-t-butyl ether
Concen: 0.384 ug/l
RT: 4.510 min Scan# 986
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02



Tgt Ion: 59 Resp: 8531
Ion Ratio Lower Upper
59 100
87 44.8 32.7 49.1





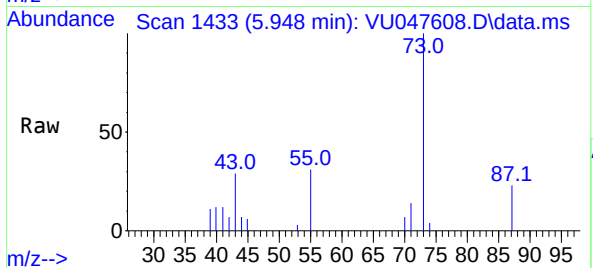
Tert-Amyl methyl ether
 Concen: 0.382 ug/l
 RT: 5.948 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VU047608.D
 Acq: 18 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

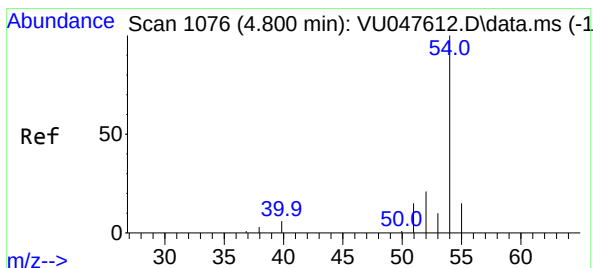
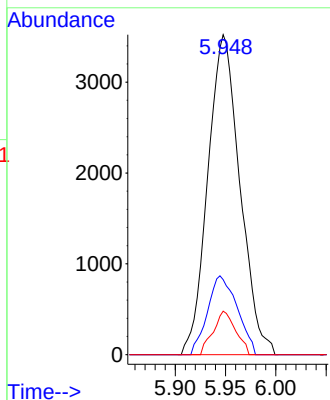
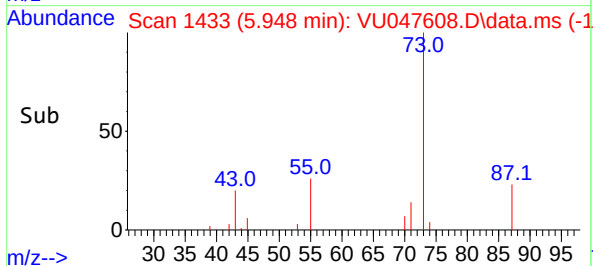


Tgt Ion: 73 Resp: 7820
 Ion Ratio Lower Upper
 73 100
 87 22.8 18.6 28.0
 71 9.5 9.0 13.6

Manual Integrations

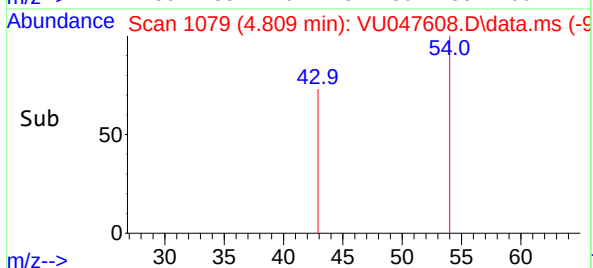
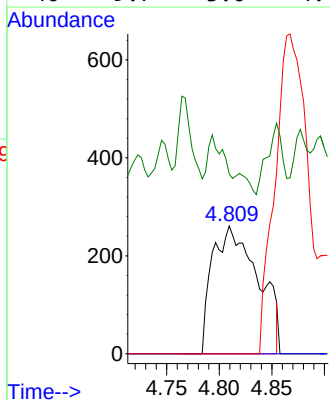
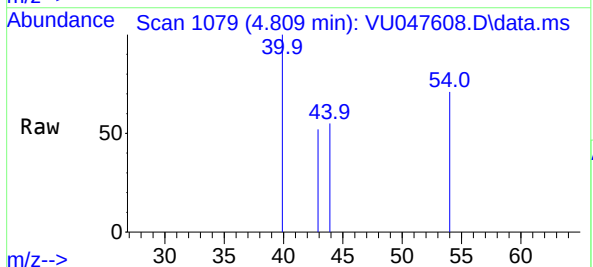
APPROVED

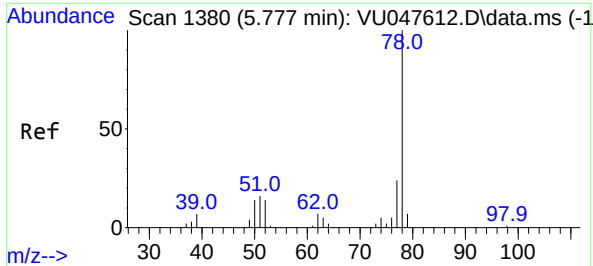
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 03/31/2022



Propionitrile
 Concen: 1.354 ug/l m
 RT: 4.809 min Scan# 1079
 Delta R.T. 0.010 min
 Lab File: VU047608.D
 Acq: 18 Mar 2022 10:02

Tgt Ion: 54 Resp: 784
 Ion Ratio Lower Upper
 54 100
 52 0.0 11.9 17.9#
 55 0.0 8.0 12.0#
 40 9.7 3.0 4.4#





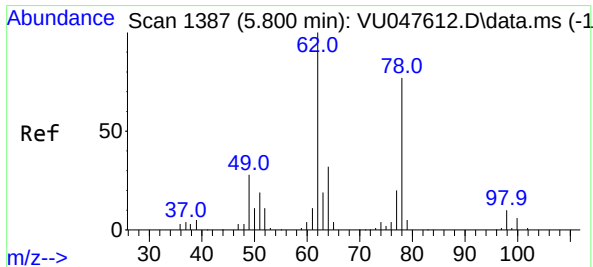
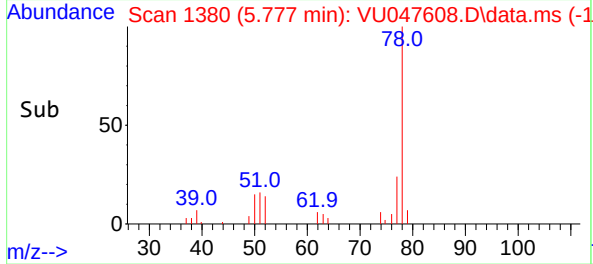
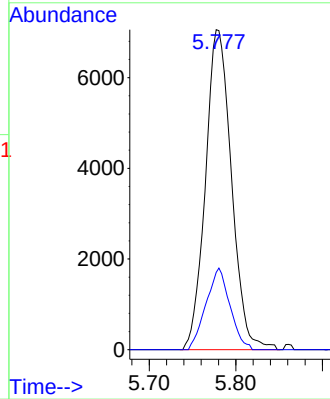
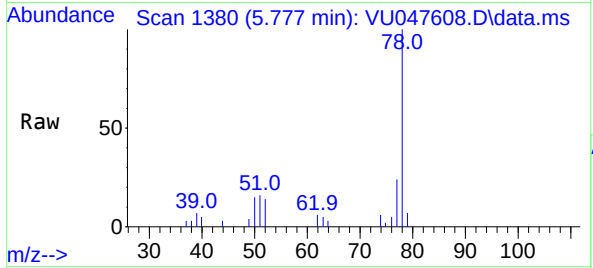
#35
Benzene
Concen: 0.478 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 78 Resp: 14738
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7

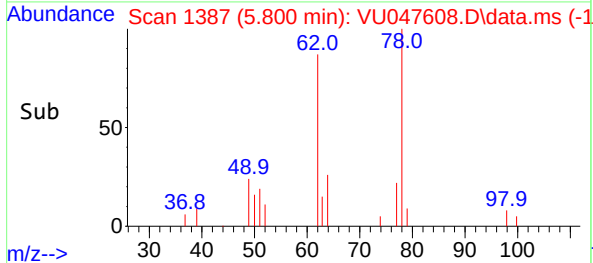
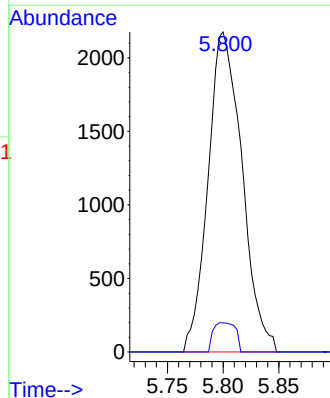
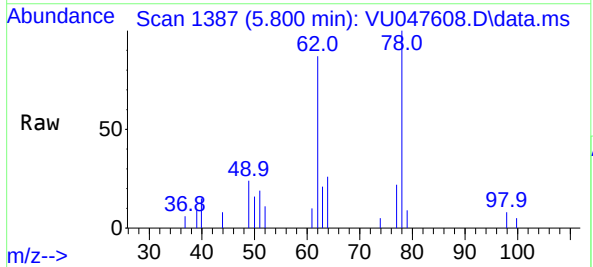
Manual Integrations
APPROVED

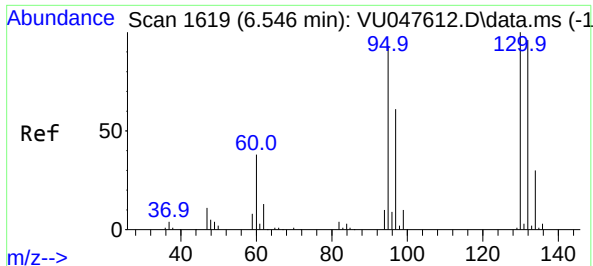
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#36
1,2-Dichloroethane
Concen: 0.495 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

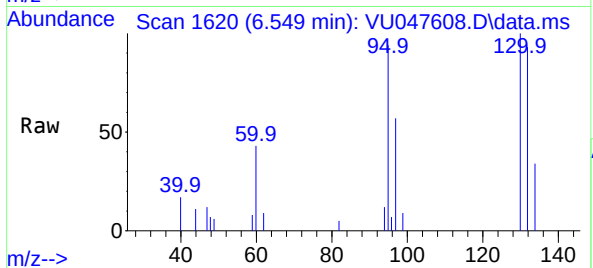
Tgt Ion: 62 Resp: 4622
Ion Ratio Lower Upper
62 100
98 6.0 7.3 10.9#





#37
Trichloroethene
Concen: 0.496 ug/l
RT: 6.549 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

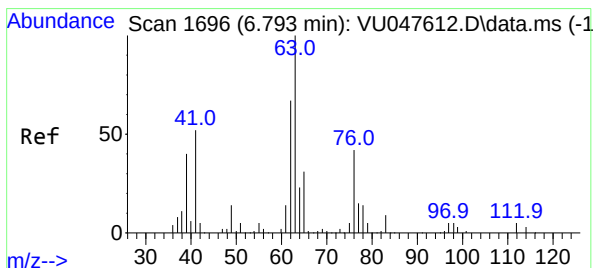
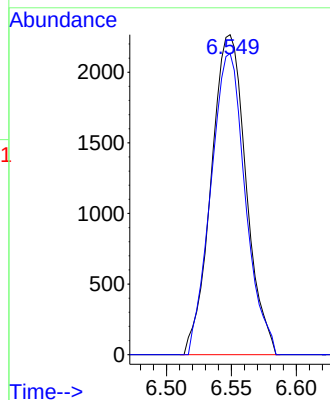
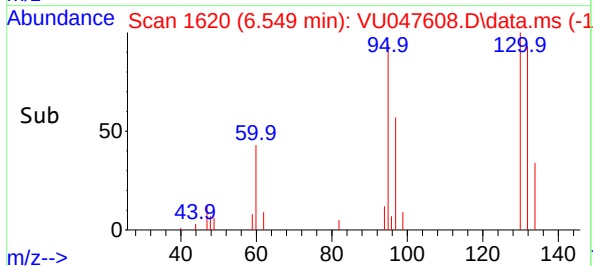
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



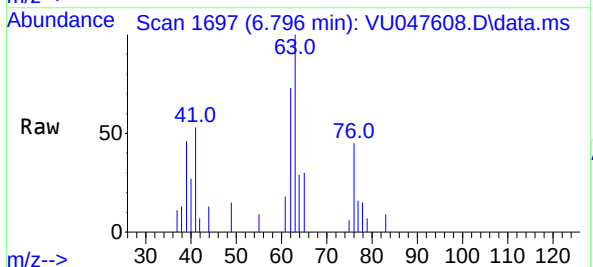
Tgt Ion:130 Resp: 423
Ion Ratio Lower Upper
130 100
95 94.1 83.8 125.8

Manual Integrations
APPROVED

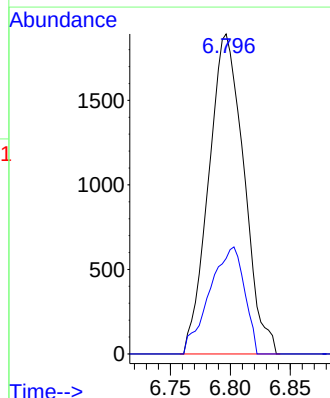
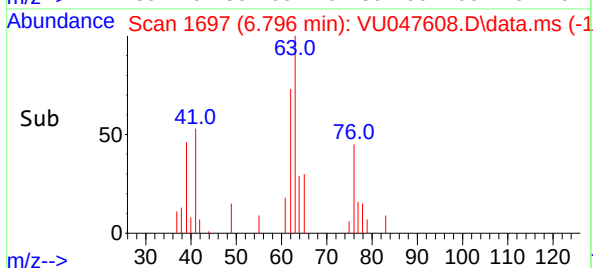
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

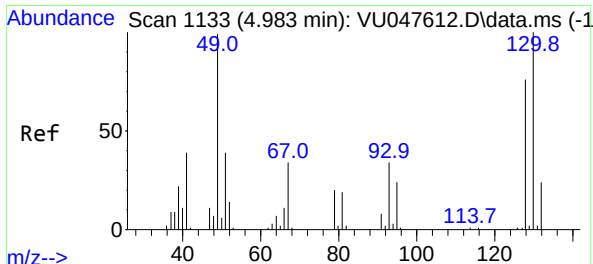


#38
1,2-Dichloropropane
Concen: 0.473 ug/l
RT: 6.796 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02



Tgt Ion: 63 Resp: 3857
Ion Ratio Lower Upper
63 100
65 29.8 24.7 37.1





#39

Methacrylonitrile

Concen: 0.360 ug/l

RT: 4.983 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VU047608.D

Acq: 18 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 41 Resp: 101

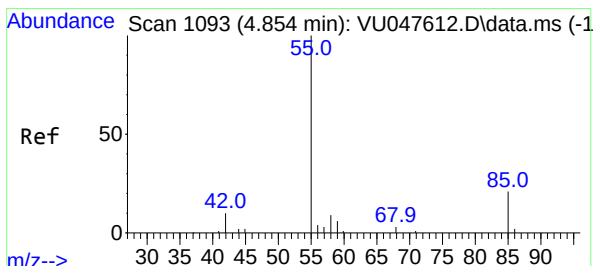
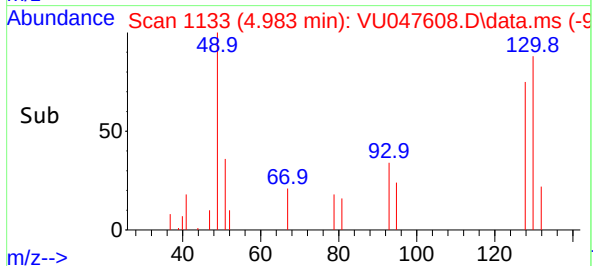
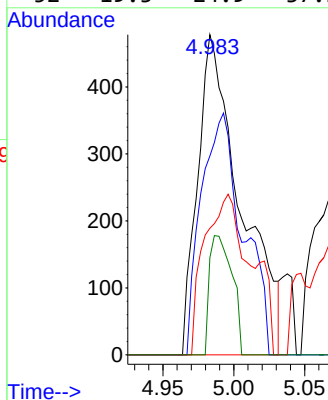
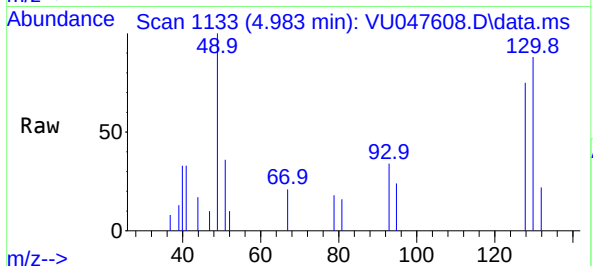
Ion	Ratio	Lower	Upper
41	100		
67	72.9	65.2	97.8
39	46.8	43.0	64.6
52	19.3	24.9	37.3#

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#40

Methyl acrylate

Concen: 0.360 ug/l m

RT: 4.867 min Scan# 1097

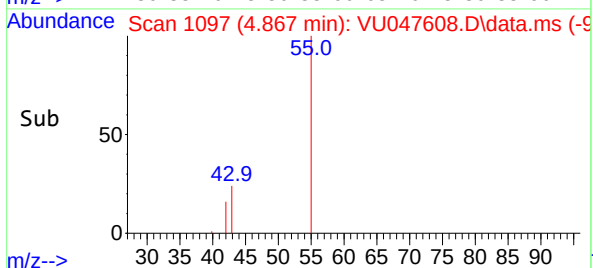
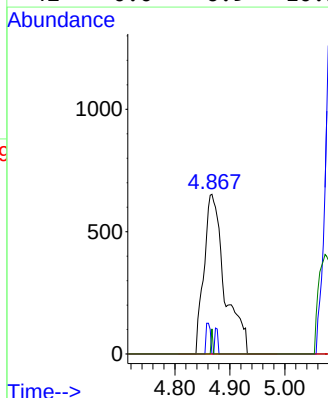
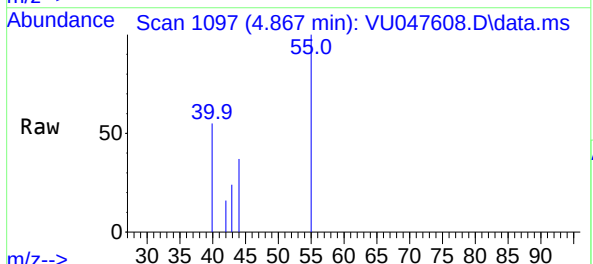
Delta R.T. 0.013 min

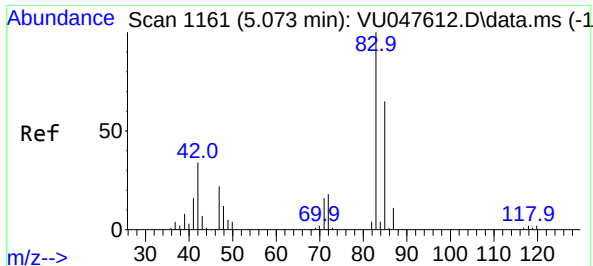
Lab File: VU047608.D

Acq: 18 Mar 2022 10:02

Tgt Ion: 55 Resp: 1708

Ion	Ratio	Lower	Upper
55	100		
85	0.0	12.2	18.2#
58	0.0	6.7	10.1#
42	0.0	6.9	10.3#





#41

Tetrahydrofuran

Concen: 0.664 ug/l

RT: 5.073 min Scan# 1161

Delta R.T. -0.000 min

Lab File: VU047608.D

Acq: 18 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

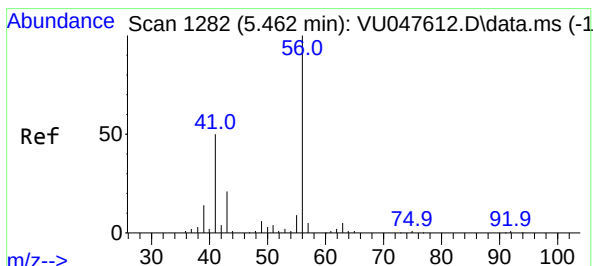
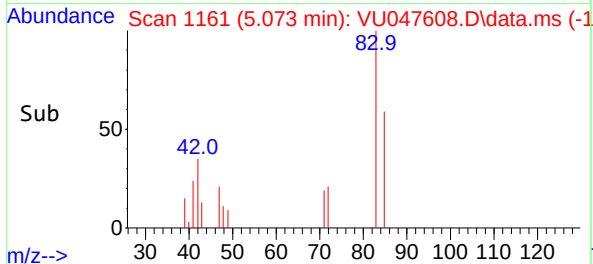
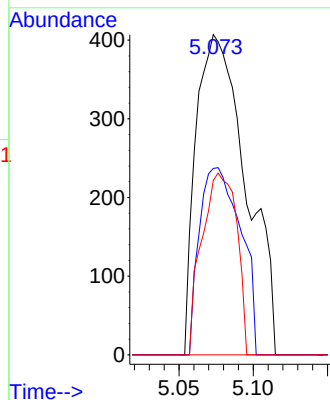
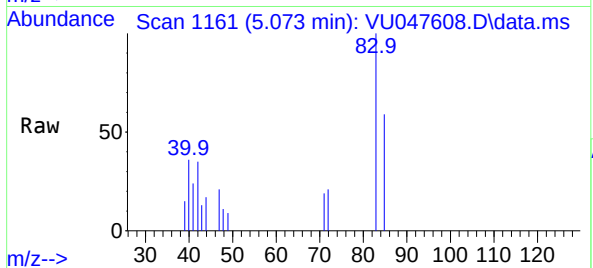
Tgt Ion: 42	Resp: 950
Ion Ratio	Lower Upper
42	100
72	48.3 42.4 63.6
71	39.6 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#42

1-Chlorobutane

Concen: 0.428 ug/l

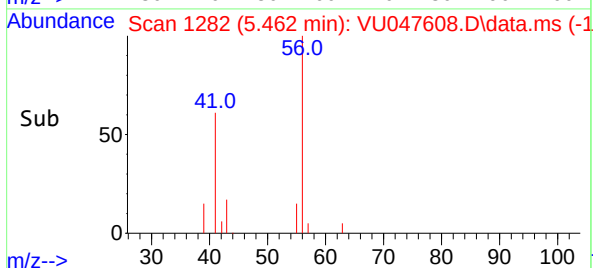
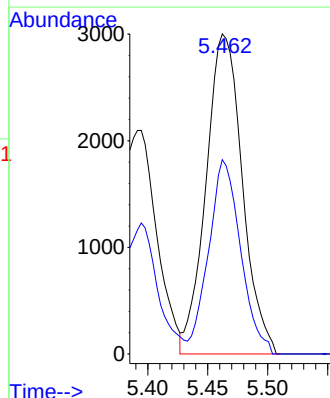
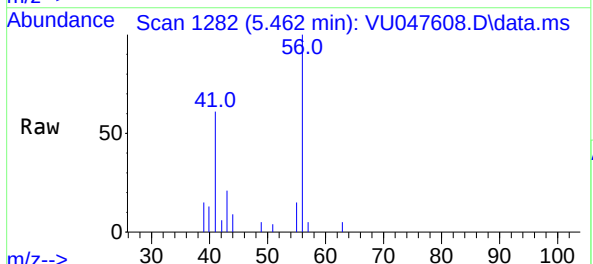
RT: 5.462 min Scan# 1282

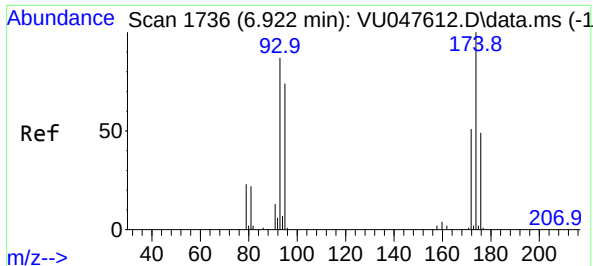
Delta R.T. -0.000 min

Lab File: VU047608.D

Acq: 18 Mar 2022 10:02

Tgt Ion: 56	Resp: 6322
Ion Ratio	Lower Upper
56	100
41	53.3 26.0 78.0





#43

Dibromomethane

Concen: 0.552 ug/l

RT: 6.925 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VU047608.D

Acq: 18 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 93 Resp: 242

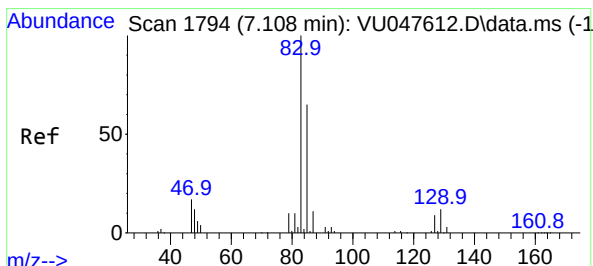
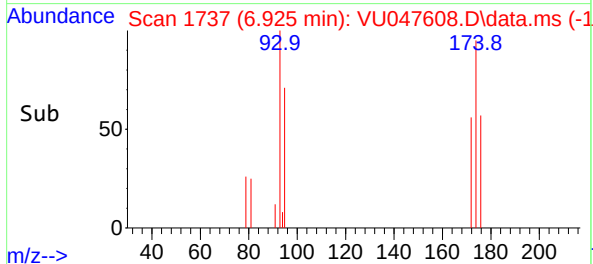
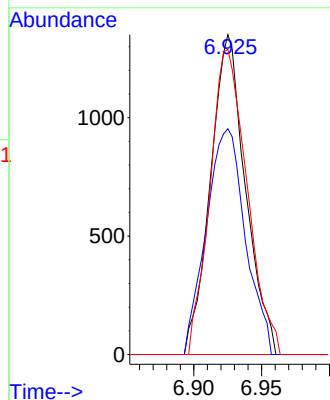
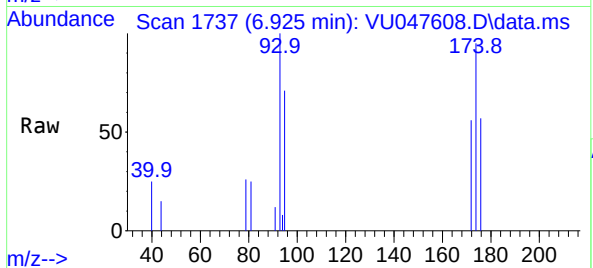
Ion	Ratio	Lower	Upper
93	100		
95	78.7	66.2	99.2
174	100.9	70.7	106.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#44

Bromodichloromethane

Concen: 0.523 ug/l

RT: 7.112 min Scan# 1795

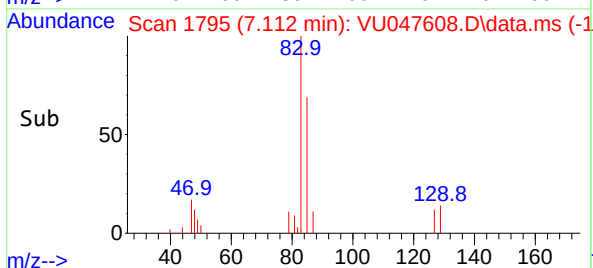
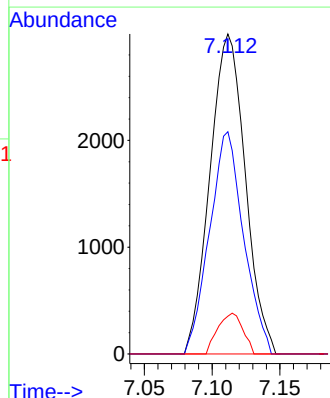
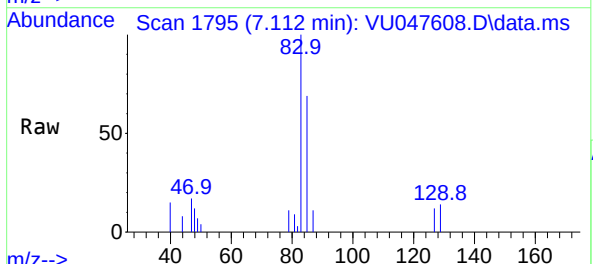
Delta R.T. 0.003 min

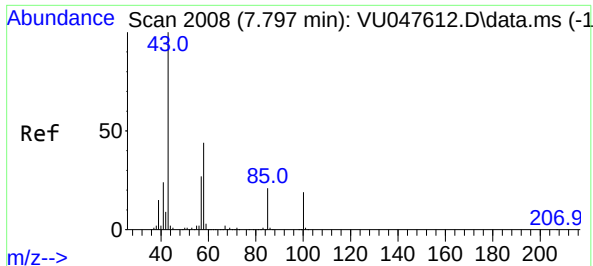
Lab File: VU047608.D

Acq: 18 Mar 2022 10:02

Tgt Ion: 83 Resp: 5440

Ion	Ratio	Lower	Upper
83	100		
85	69.5	50.9	76.3
127	11.8	6.0	9.0





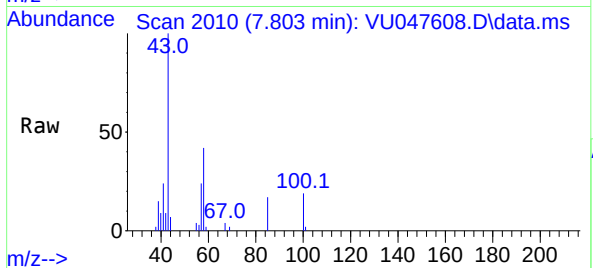
#45
4-Methyl-2-Pentanone
Concen: 1.671 ug/l
RT: 7.803 min Scan# 2008
Delta R.T. 0.006 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5



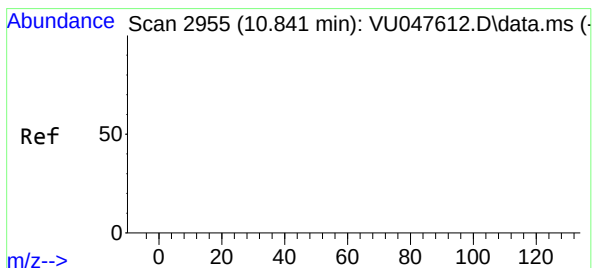
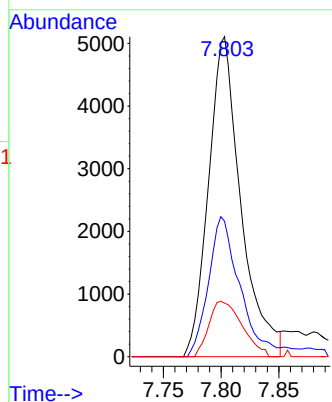
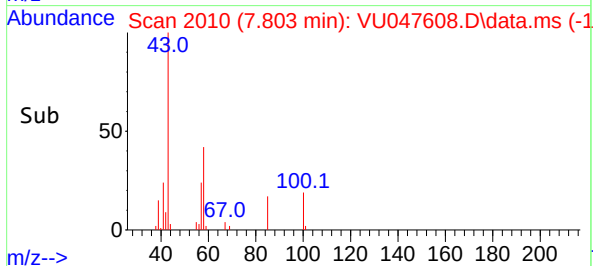
Tgt Ion: 43 Resp: 993
Ion Ratio Lower Upper
43 100
58 42.4 21.0 63.0
85 17.8 14.8 22.2

Manual Integrations

APPROVED

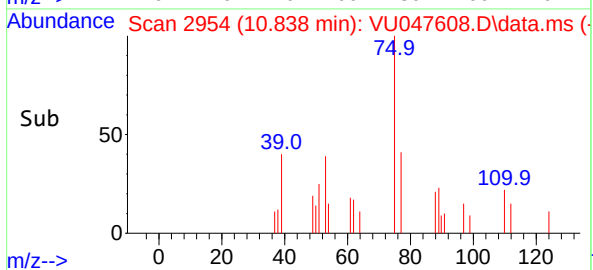
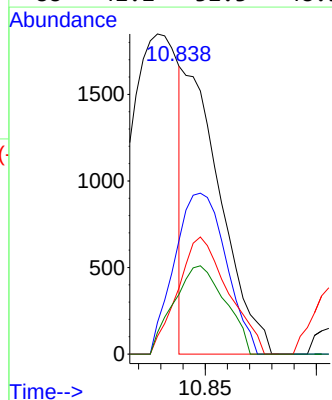
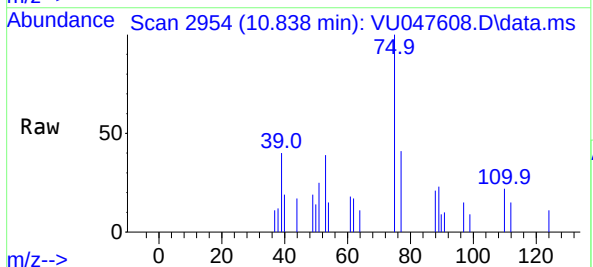
Reviewed By :John Carlone 03/31/2022

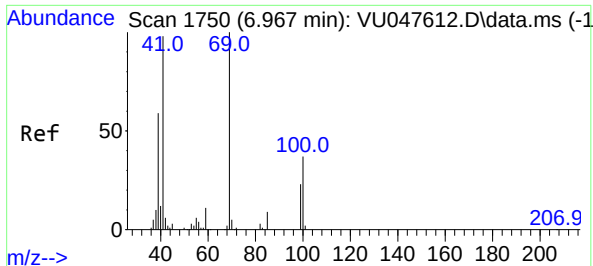
Supervised By :Mahesh Dadoda 03/31/2022



#46
t-1,4-Dichloro-2-butene
Concen: 0.750 ug/l m
RT: 10.838 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Tgt Ion: 75 Resp: 1941
Ion Ratio Lower Upper
75 100
53 77.2 66.8 100.2
89 54.7 41.7 62.5
88 42.2 32.3 48.5





#47

Methyl methacrylate

Concen: 0.661 ug/l

RT: 6.970 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU047608.D

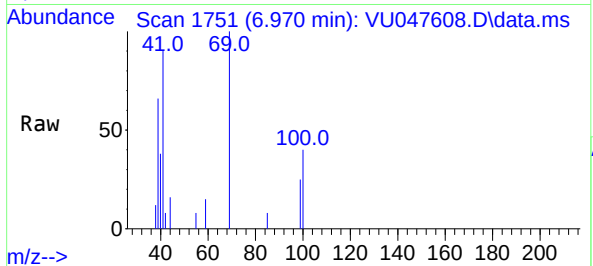
Acq: 18 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5



Tgt Ion: 69 Resp: 3049

Ion Ratio Lower Upper

69 100

41 101.9 0.0 230.0

39 61.6 55.1 82.7

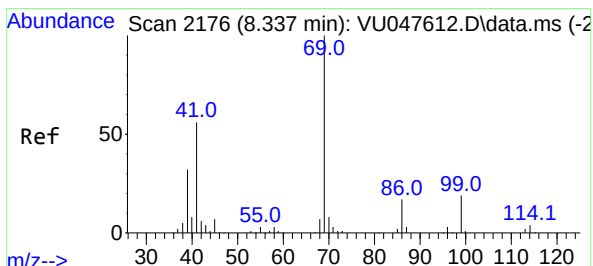
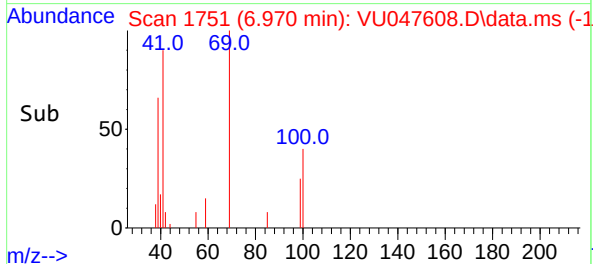
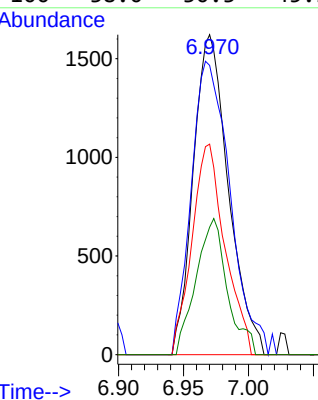
100 38.0 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#48

Ethyl methacrylate

Concen: 0.325 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. 0.003 min

Lab File: VU047608.D

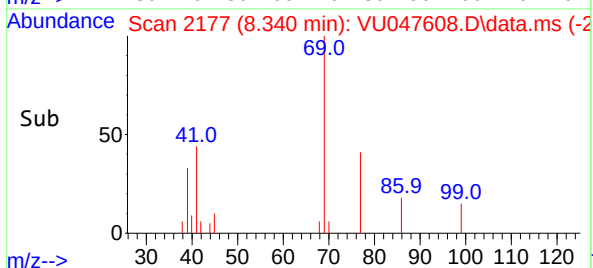
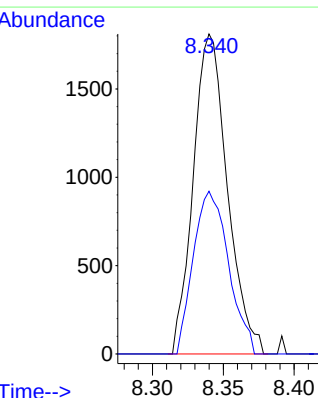
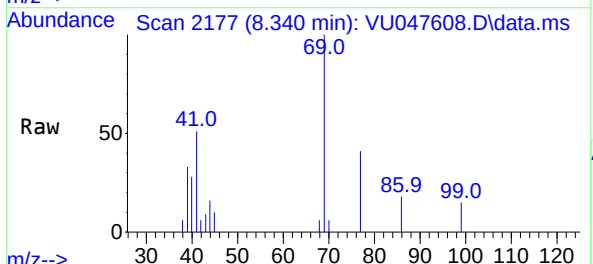
Acq: 18 Mar 2022 10:02

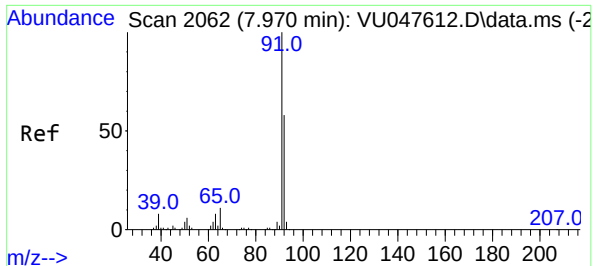
Tgt Ion: 69 Resp: 3034

Ion Ratio Lower Upper

69 100

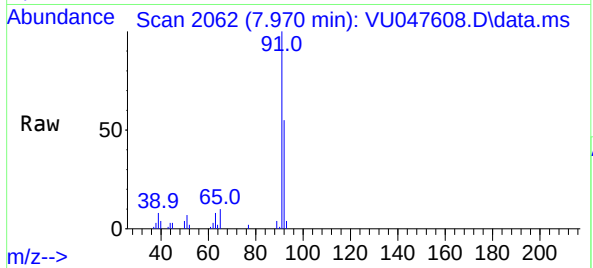
41 52.5 32.6 98.0





#49
Toluene
Concen: 0.409 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

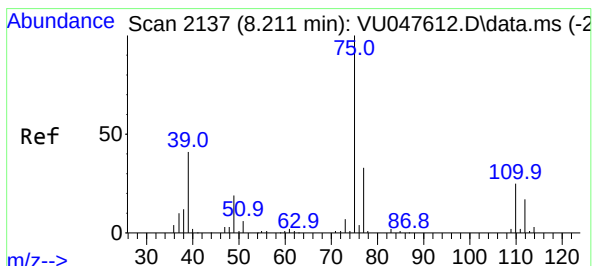
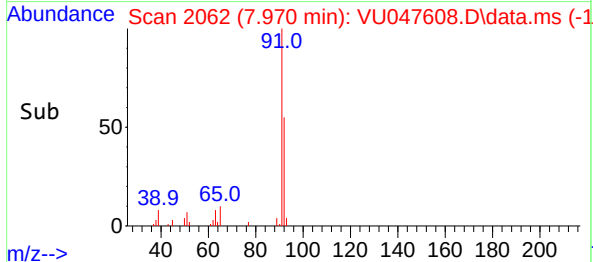
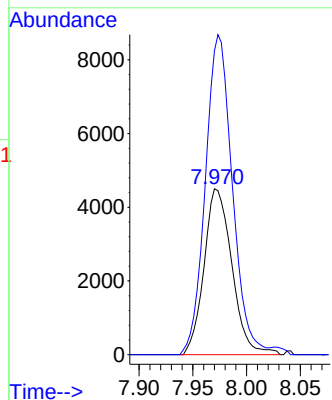
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 92 Resp: 8134
Ion Ratio Lower Upper
92 100
91 186.9 136.8 205.2

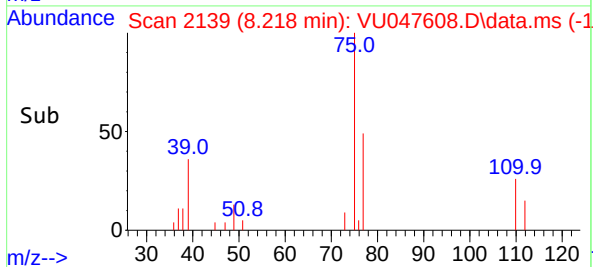
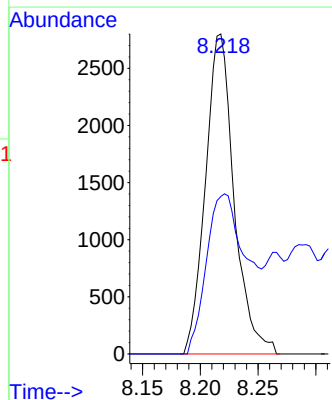
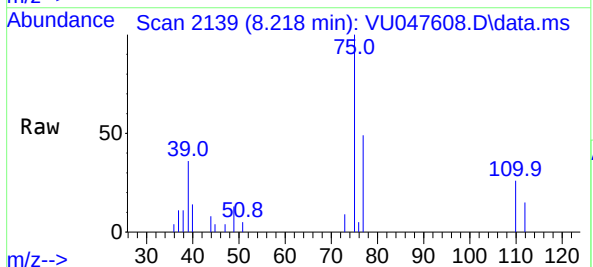
Manual Integrations
APPROVED

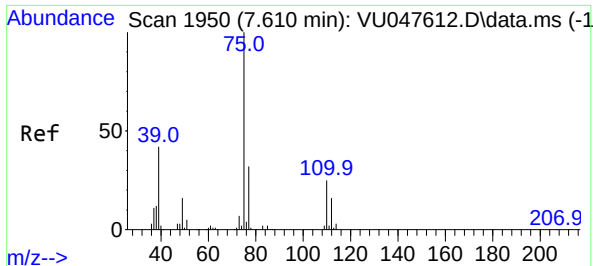
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#50
t-1,3-Dichloropropene
Concen: 0.429 ug/l
RT: 8.218 min Scan# 2139
Delta R.T. 0.006 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

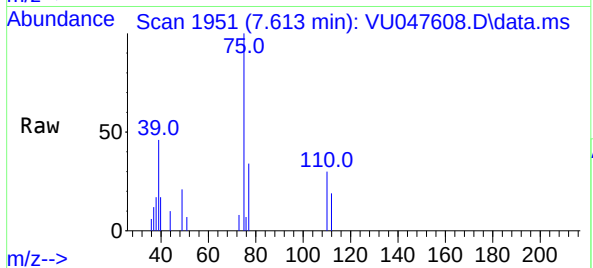
Tgt Ion: 75 Resp: 4830
Ion Ratio Lower Upper
75 100
77 49.2 25.6 38.4#





#51
cis-1,3-Dichloropropene
Concen: 0.397 ug/l
RT: 7.613 min Scan# 1951
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

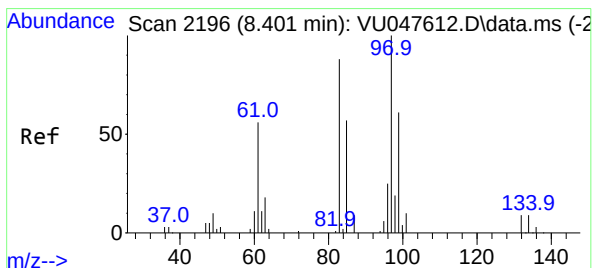
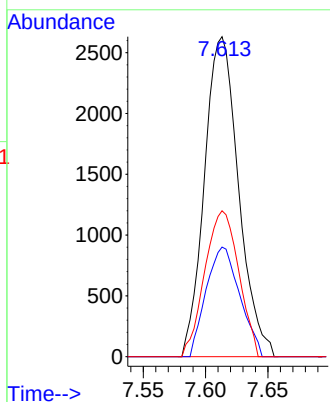
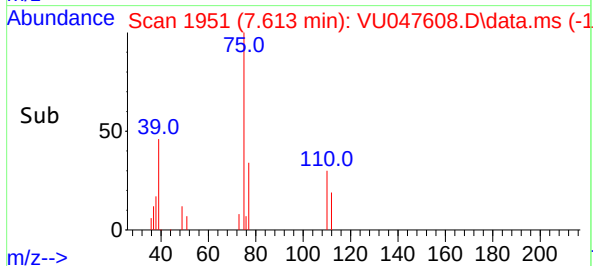
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



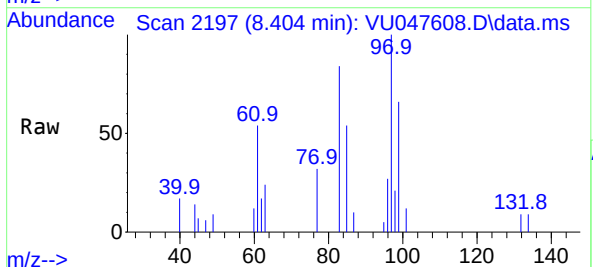
Tgt Ion: 75 Resp: 5010
Ion Ratio Lower Upper
75 100
77 34.2 25.2 37.8
39 45.6 38.6 57.8

Manual Integrations
APPROVED

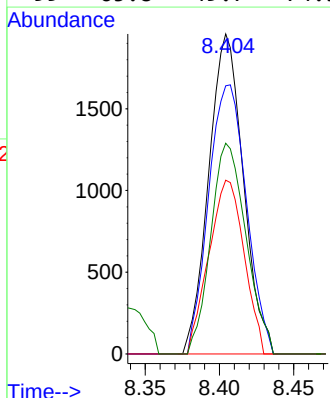
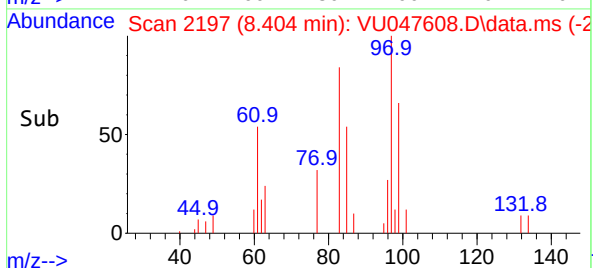
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

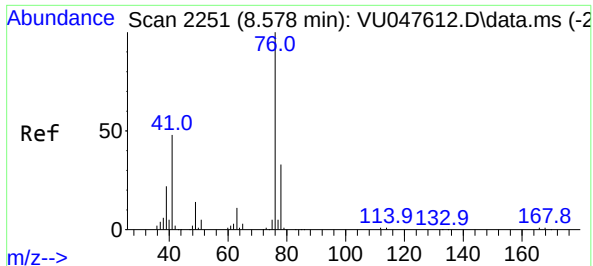


#52
1,1,2-Trichloroethane
Concen: 0.506 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02



Tgt Ion: 97 Resp: 3172
Ion Ratio Lower Upper
97 100
83 83.8 69.8 104.8
85 54.3 44.2 66.4
99 65.8 49.7 74.5





#53

1,3-Dichloropropane

Concen: 0.451 ug/l

RT: 8.581 min Scan# 2251

Delta R.T. 0.003 min

Lab File: VU047608.D

Acq: 18 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 76 Resp: 505

Ion Ratio Lower Upper

76 100

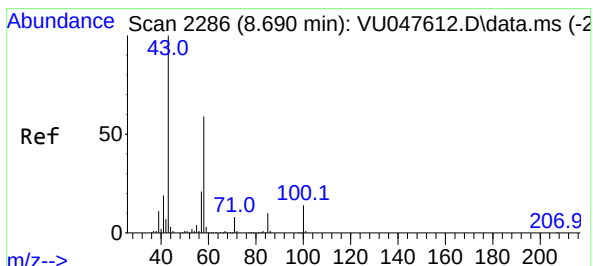
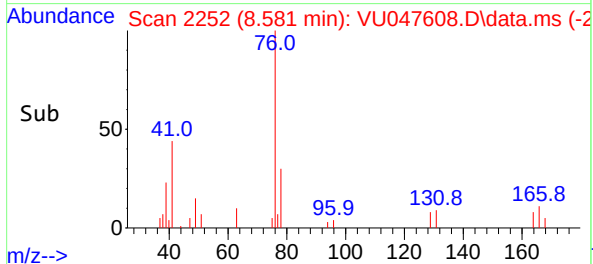
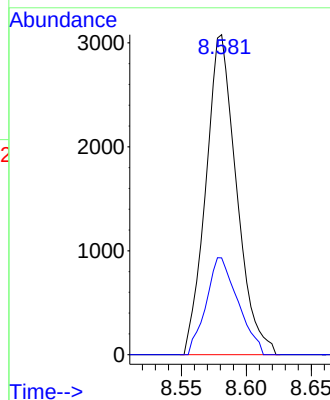
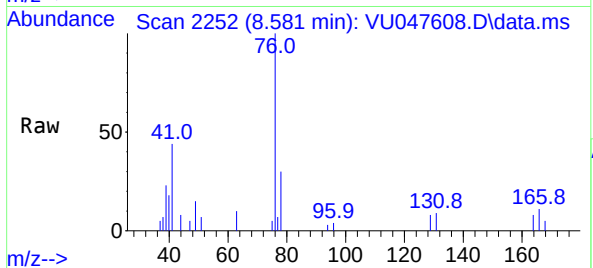
78 31.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#54

2-Hexanone

Concen: 1.808 ug/l

RT: 8.694 min Scan# 2287

Delta R.T. 0.003 min

Lab File: VU047608.D

Acq: 18 Mar 2022 10:02

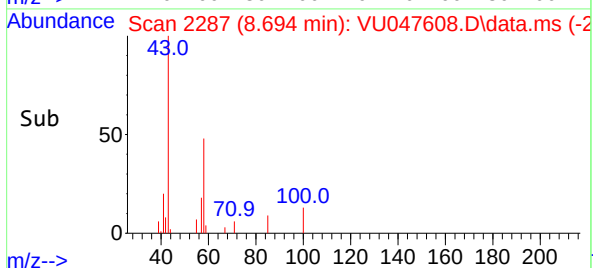
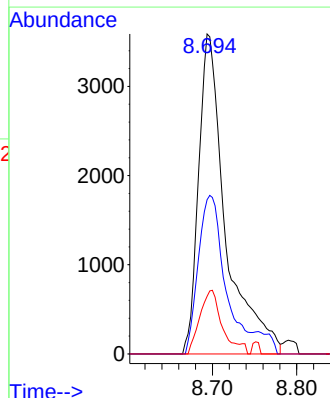
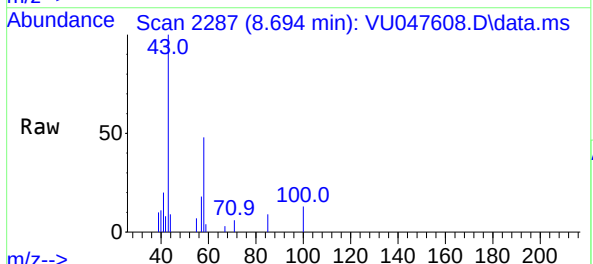
Tgt Ion: 43 Resp: 8010

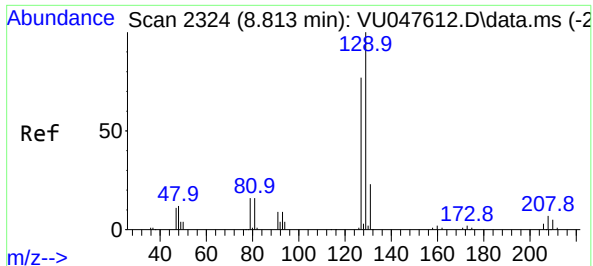
Ion Ratio Lower Upper

43 100

58 48.6 37.7 77.7

57 16.6 0.5 40.5





#55

Dibromochloromethane

Concen: 0.513 ug/l

RT: 8.812 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VU047608.D

Acq: 18 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion:129 Resp: 3910

Ion Ratio Lower Upper

129 100

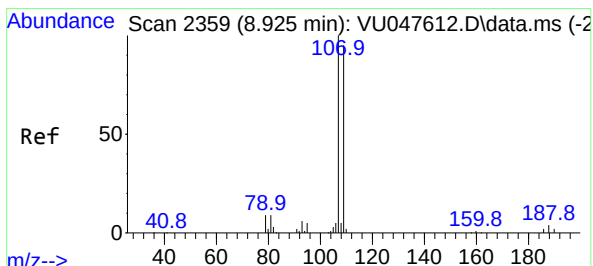
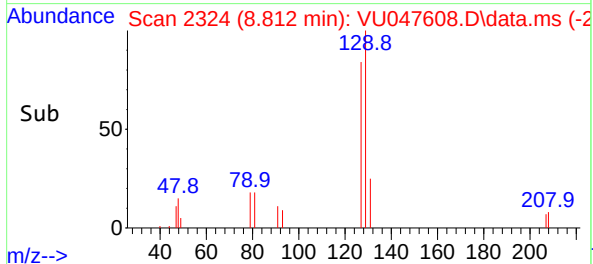
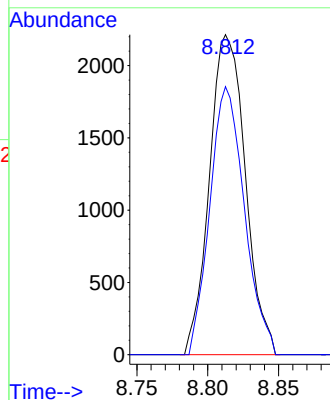
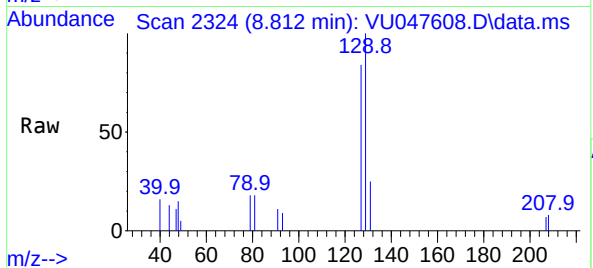
127 80.5 62.2 93.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#56

1,2-Dibromoethane

Concen: 0.503 ug/l

RT: 8.931 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VU047608.D

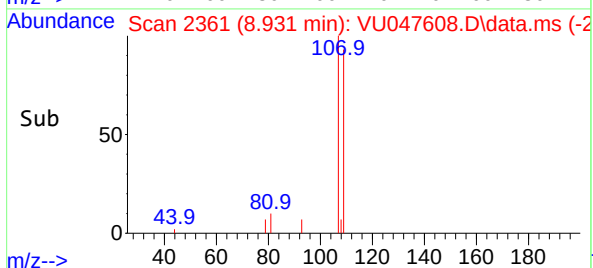
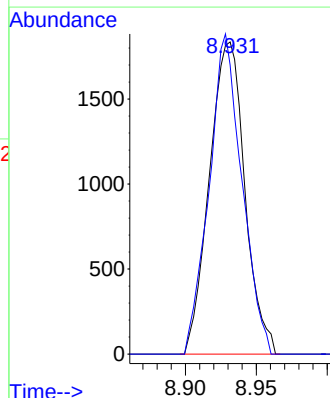
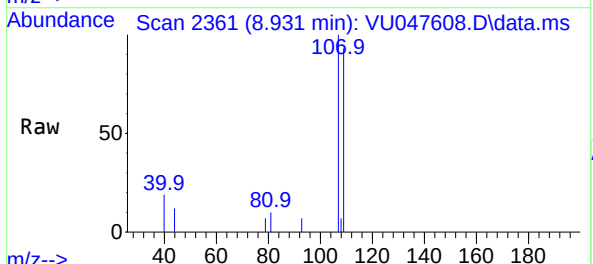
Acq: 18 Mar 2022 10:02

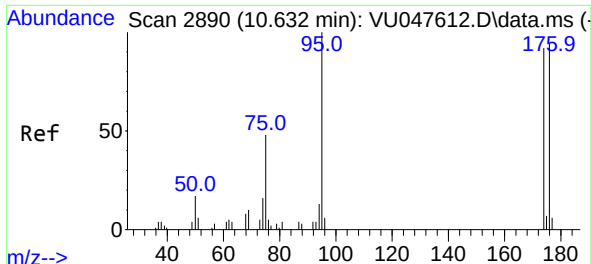
Tgt Ion:107 Resp: 3192

Ion Ratio Lower Upper

107 100

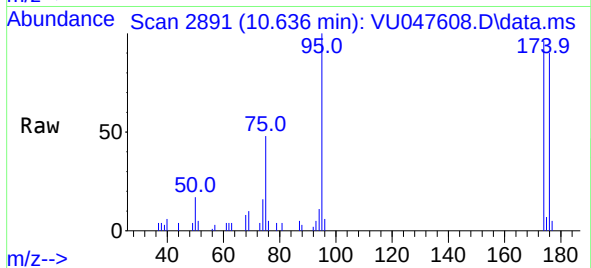
109 94.9 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.979 ug/l
RT: 10.636 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

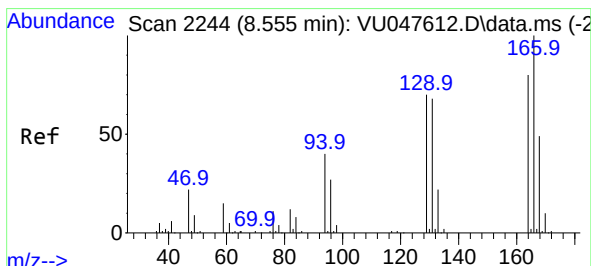
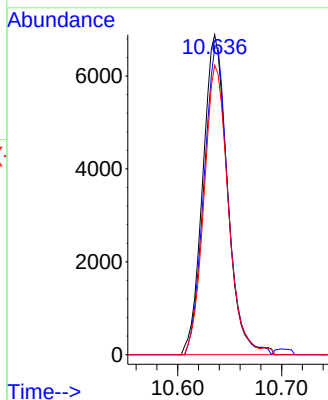
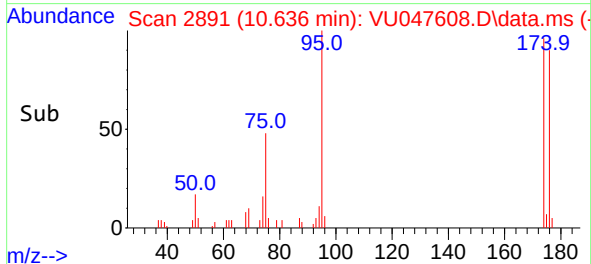
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



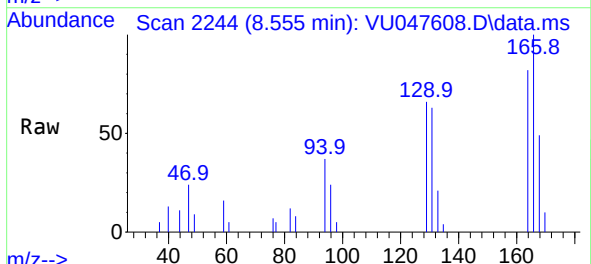
Tgt Ion: 95 Resp: 11344
Ion Ratio Lower Upper
95 100
174 94.9 56.6 84.8
176 89.0 54.3 81.5

Manual Integrations
APPROVED

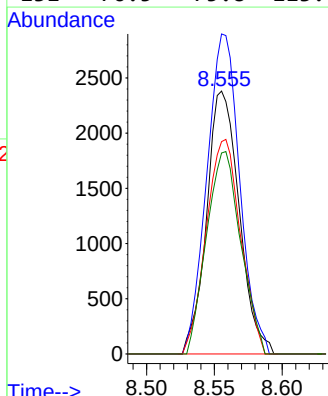
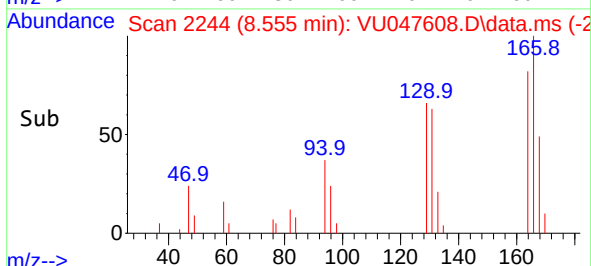
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

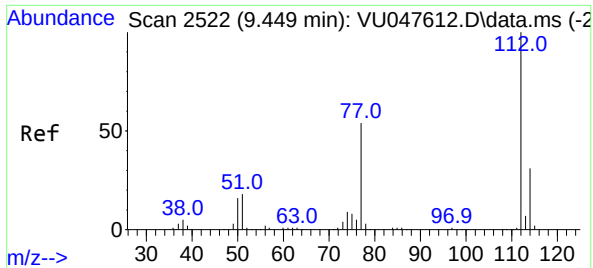


#58
Tetrachloroethene
Concen: 0.505 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02



Tgt Ion:164 Resp: 3978
Ion Ratio Lower Upper
164 100
166 121.8 102.0 153.0
129 80.8 77.1 115.7
131 76.5 75.8 113.6





#59

Chlorobenzene

Concen: 0.457 ug/l

RT: 9.452 min Scan# 2523

Delta R.T. 0.003 min

Lab File: VU047608.D

Acq: 18 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion:112 Resp: 10129

Ion Ratio Lower Upper

112 100

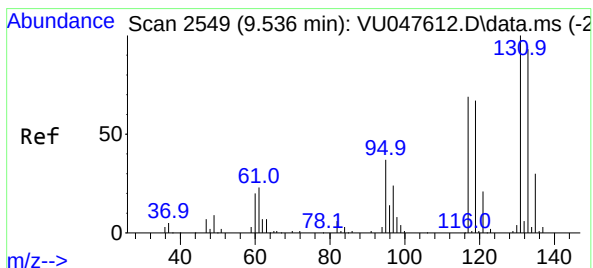
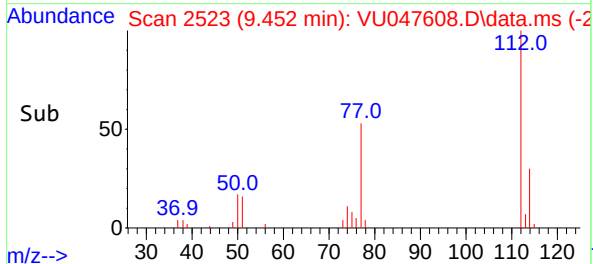
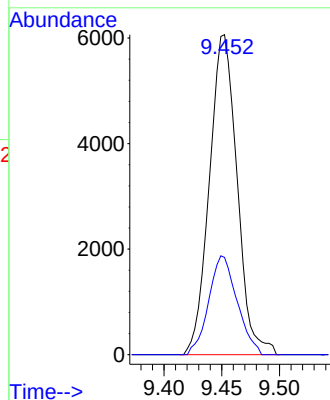
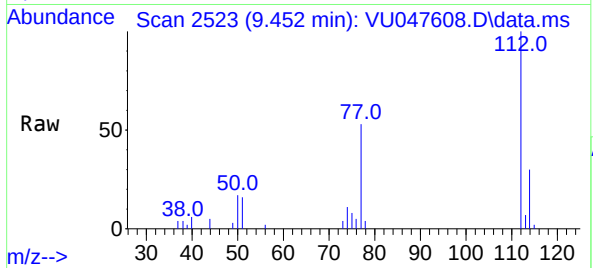
114 30.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 0.553 ug/l

RT: 9.539 min Scan# 2550

Delta R.T. 0.003 min

Lab File: VU047608.D

Acq: 18 Mar 2022 10:02

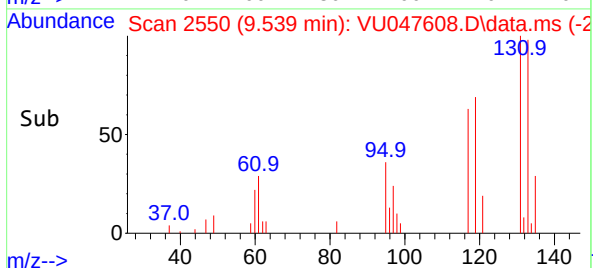
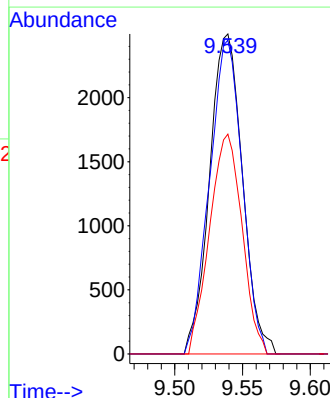
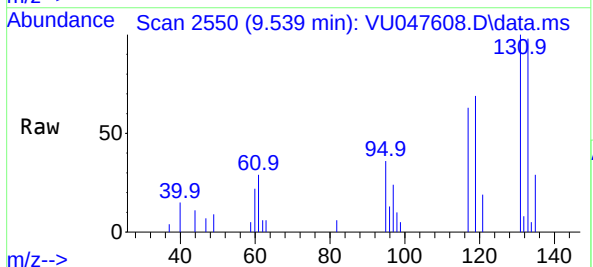
Tgt Ion:131 Resp: 4216

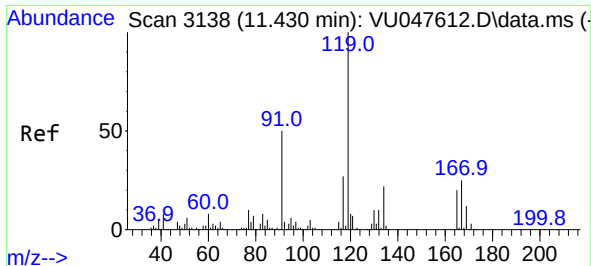
Ion Ratio Lower Upper

131 100

133 97.0 76.0 114.0

119 67.6 54.9 82.3





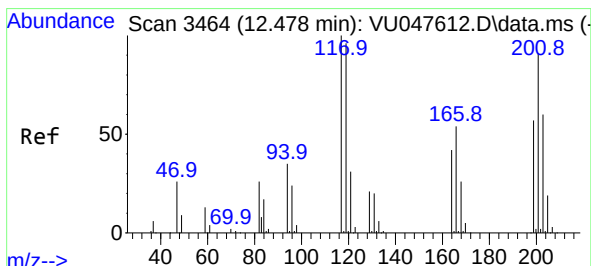
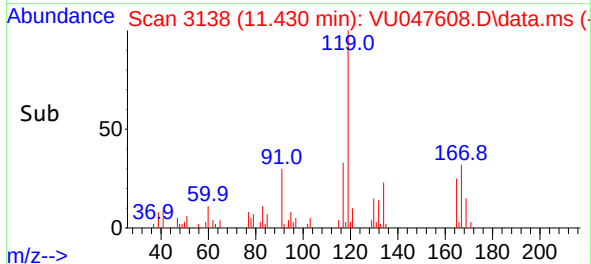
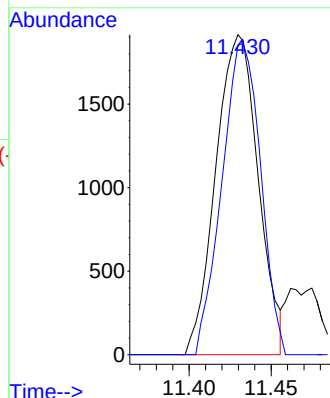
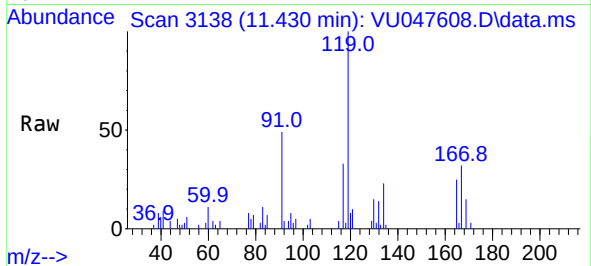
#61
Pentachloroethane
Concen: 0.595 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:117 Resp: 3440
Ion Ratio Lower Upper
117 100
167 89.1 59.7 89.5

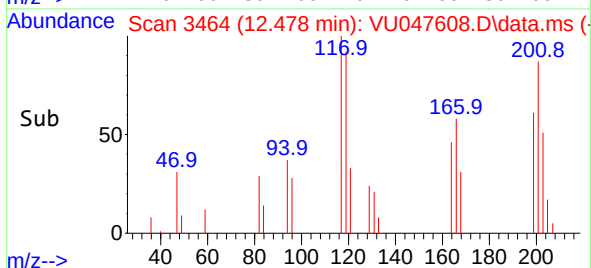
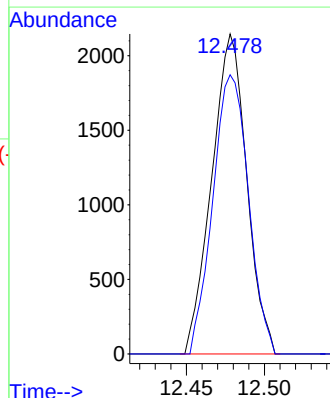
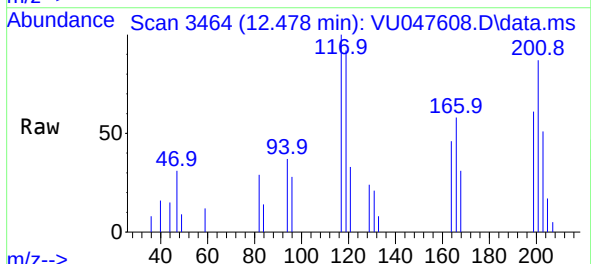
Manual Integrations
APPROVED

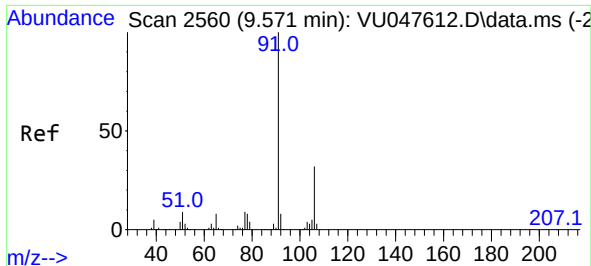
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#62
Hexachloroethane
Concen: 0.537 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

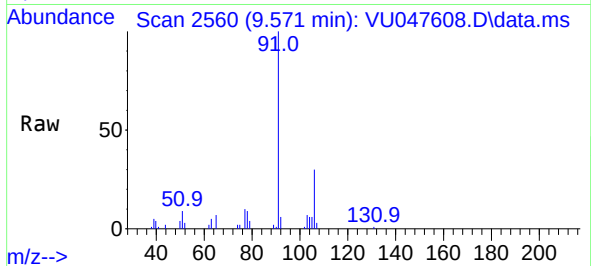
Tgt Ion:117 Resp: 3354
Ion Ratio Lower Upper
117 100
201 88.7 53.6 80.4#





#63
Ethyl Benzene
Concen: 0.369 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

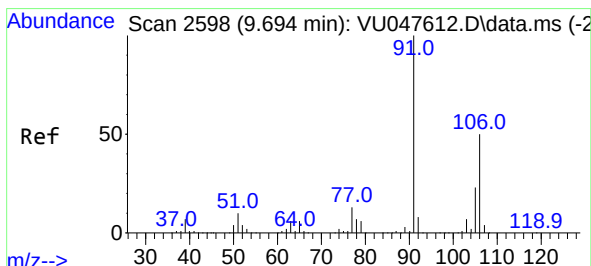
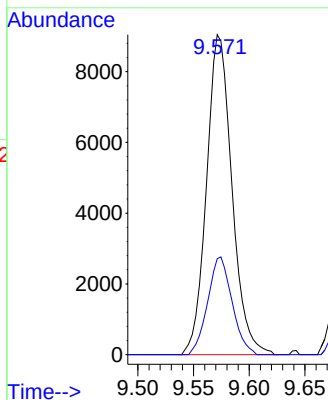
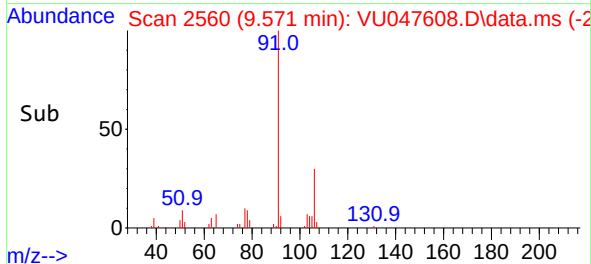
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



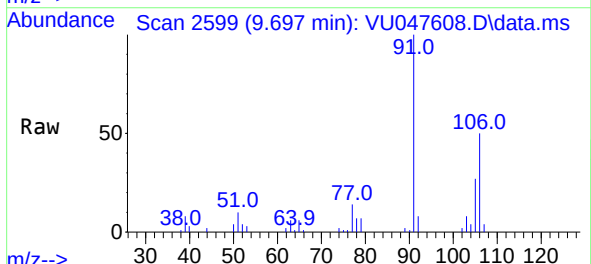
Tgt Ion: 91 Resp: 1438
Ion Ratio Lower Upper
91 100
106 30.0 24.4 36.6

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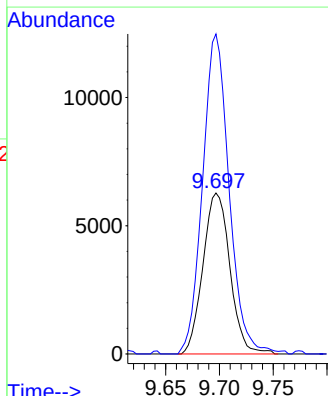
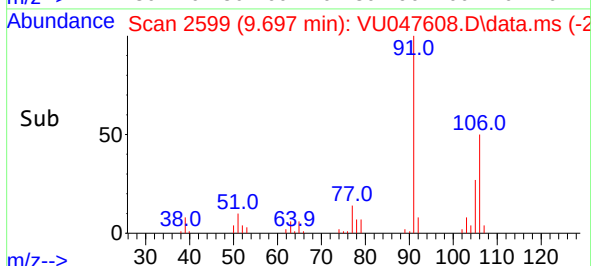
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

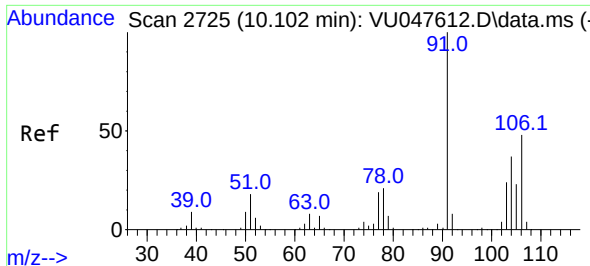


#64
m/p-Xylenes
Concen: 0.738 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02



Tgt Ion:106 Resp: 10965
Ion Ratio Lower Upper
106 100
91 195.4 165.5 248.3





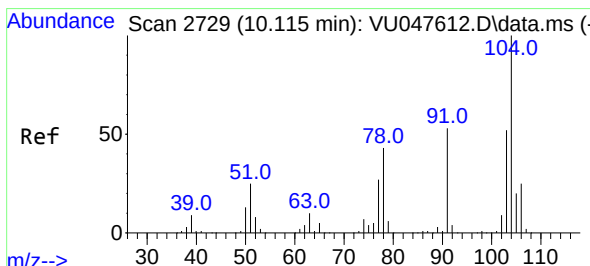
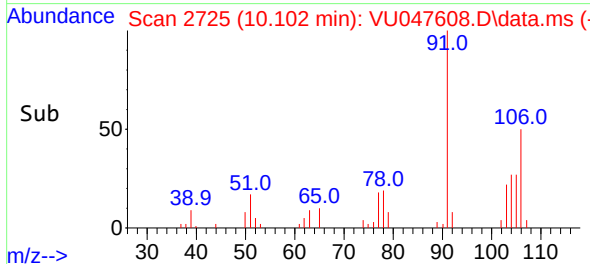
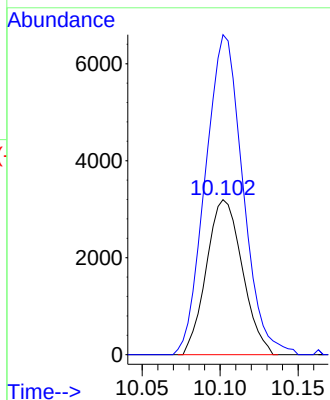
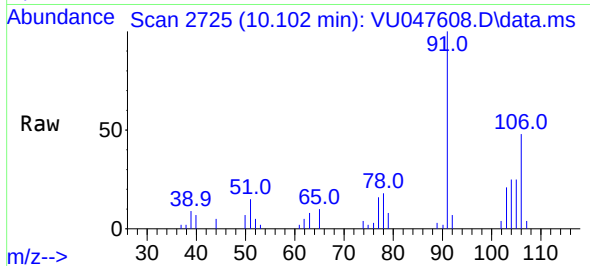
#65
o-Xylene
Concen: 0.356 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:106 Resp: 5118
Ion Ratio Lower Upper
106 100
91 215.7 109.4 328.2

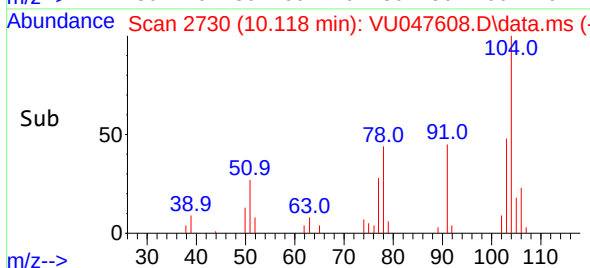
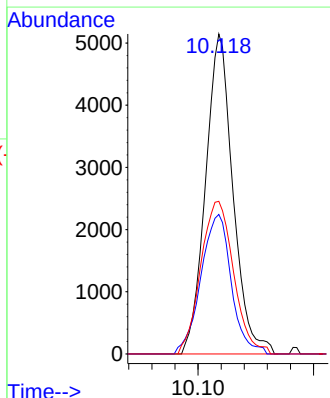
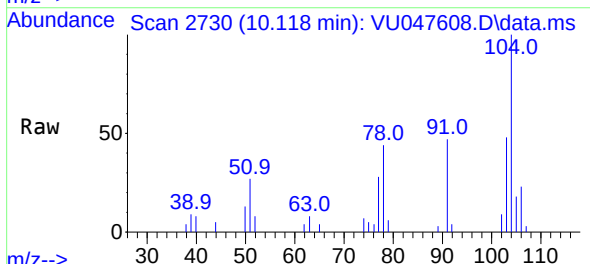
Manual Integrations
APPROVED

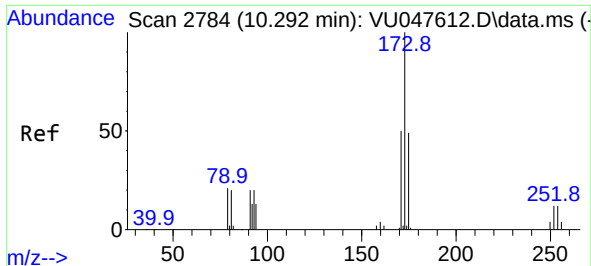
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#66
Styrene
Concen: 0.348 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

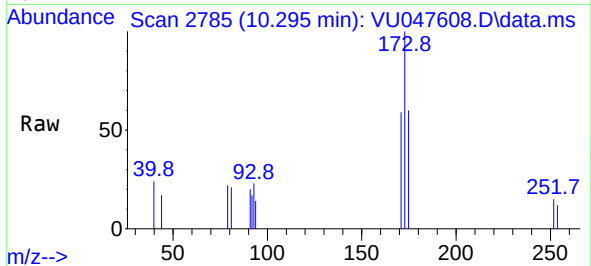
Tgt Ion:104 Resp: 8487
Ion Ratio Lower Upper
104 100
78 48.3 42.4 63.6
103 57.1 44.2 66.4





#67
Bromoform
Concen: 0.530 ug/l
RT: 10.295 min Scan# 2784
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

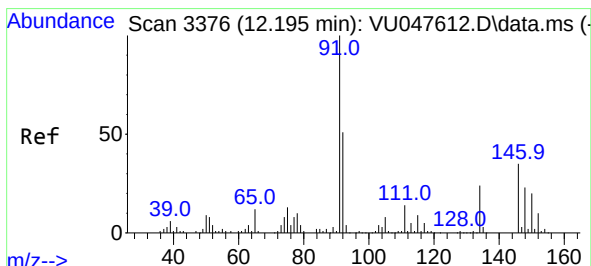
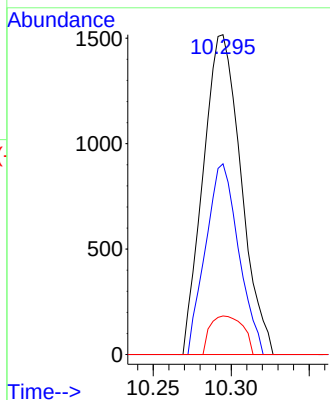
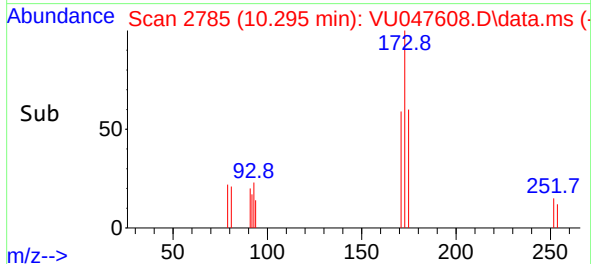
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



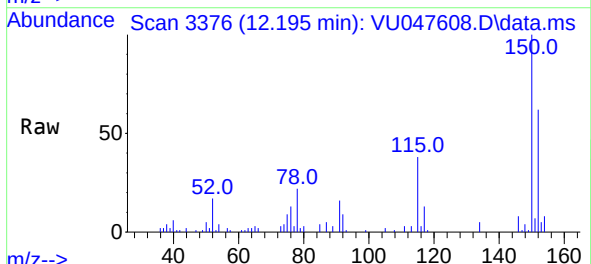
Tgt Ion:173 Resp: 256
Ion Ratio Lower Upper
173 100
175 52.0 39.0 58.4
254 10.4 5.5 8.3

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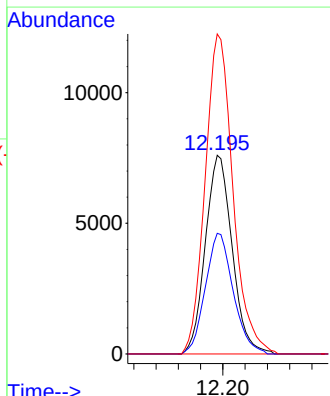
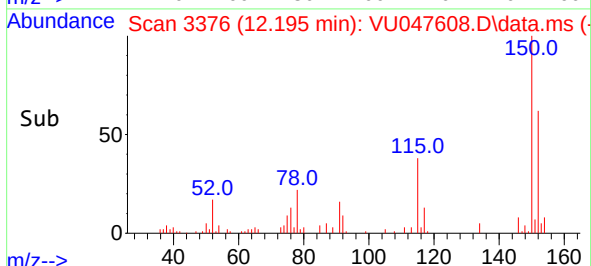
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

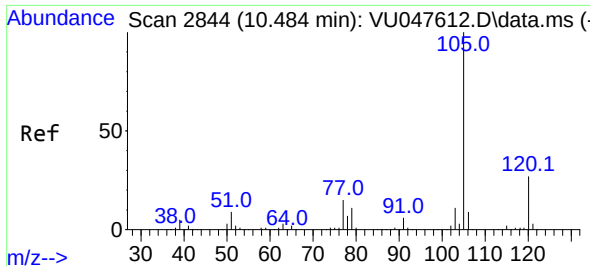


#68
1,2-Dichlorobenzene-d4
Concen: 1.054 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02



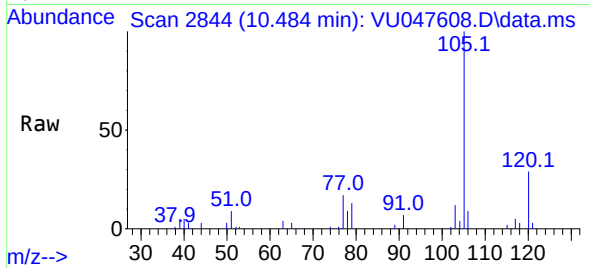
Tgt Ion:152 Resp: 12717
Ion Ratio Lower Upper
152 100
115 63.0 0.0 251.0
150 166.9 0.0 613.8





#69
Isopropylbenzene
Concen: 0.353 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

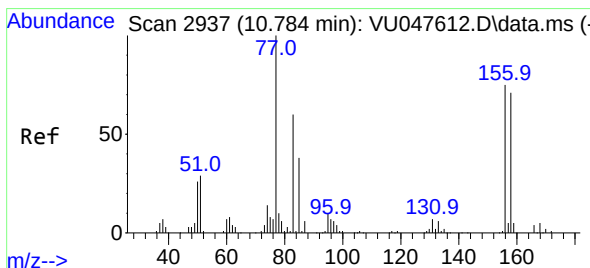
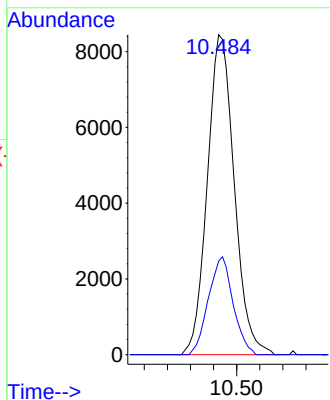
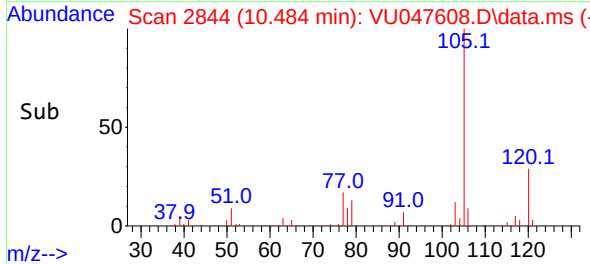
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



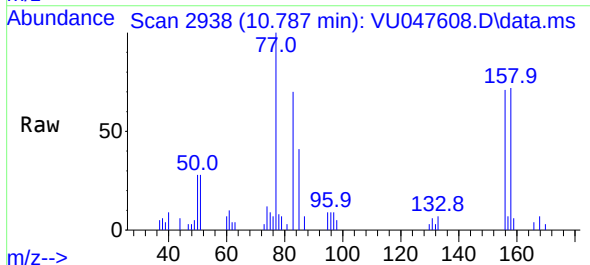
Tgt Ion:105 Resp: 1367
Ion Ratio Lower Upper
105 100
120 28.0 12.8 38.4

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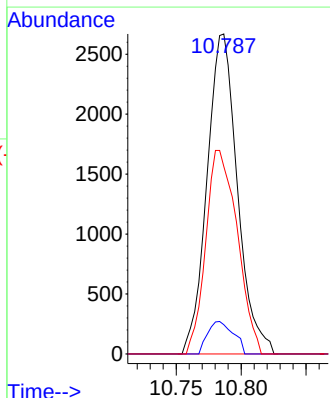
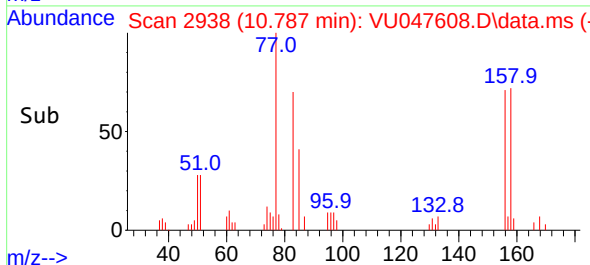
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

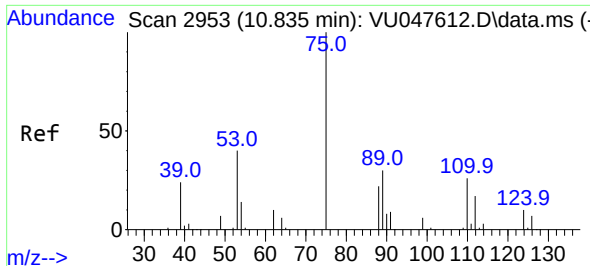


#70
1,1,2,2-Tetrachloroethane
Concen: 0.512 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02



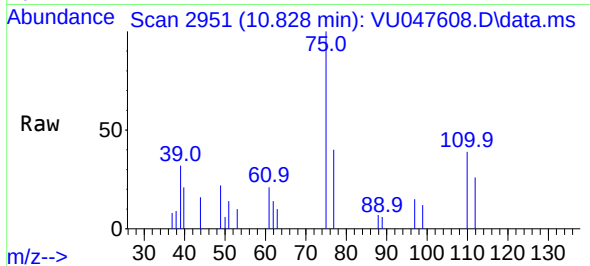
Tgt Ion: 83 Resp: 4341
Ion Ratio Lower Upper
83 100
131 8.6 7.6 11.4
85 65.8 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 0.459 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. -0.006 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

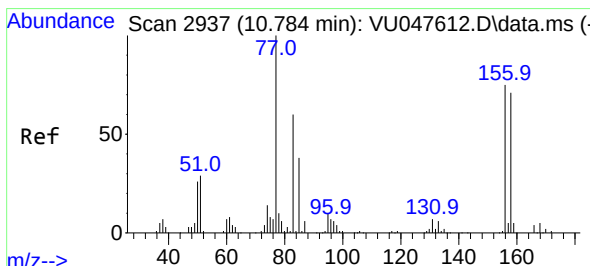
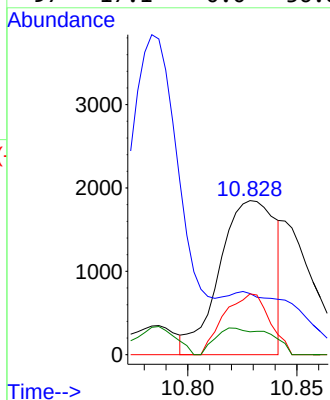
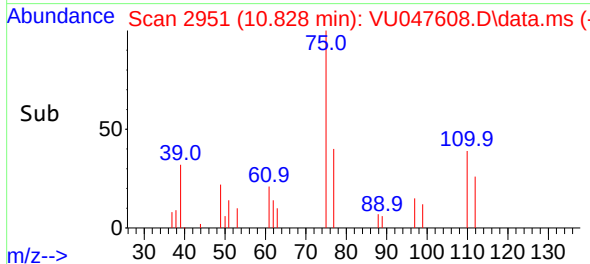


Tgt Ion: 75 Resp: 328

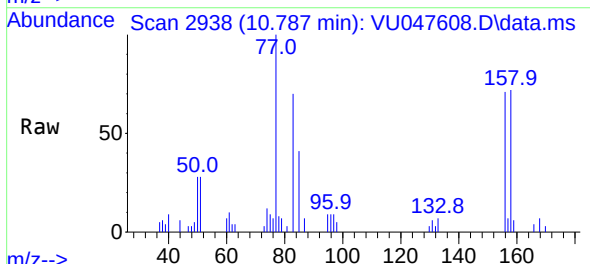
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	105.6
110	32.3	0.0	71.2
97	17.1	0.0	36.8

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

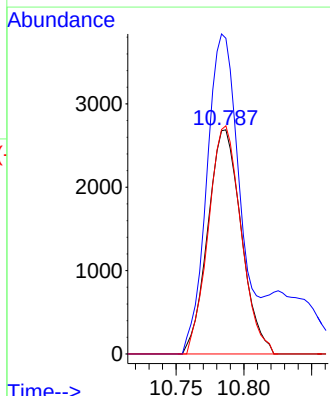
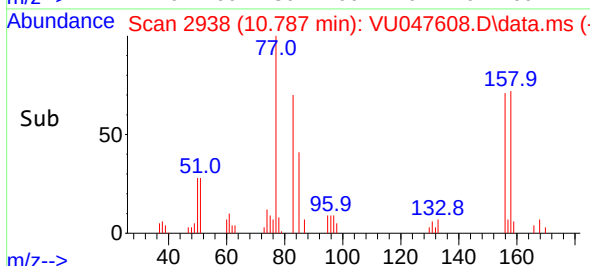


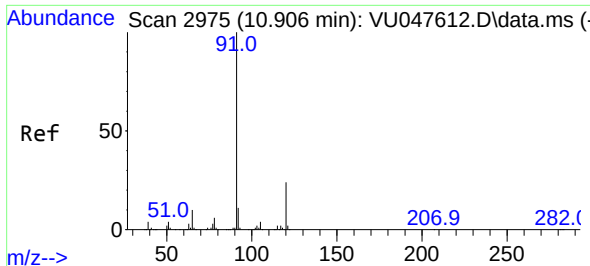
#72
Bromobenzene
Concen: 0.490 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02



Tgt Ion:156 Resp: 4627

Ion	Ratio	Lower	Upper
156	100		
77	139.7	0.0	370.6
158	99.1	0.0	193.4





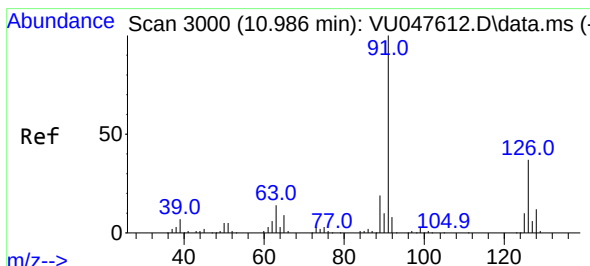
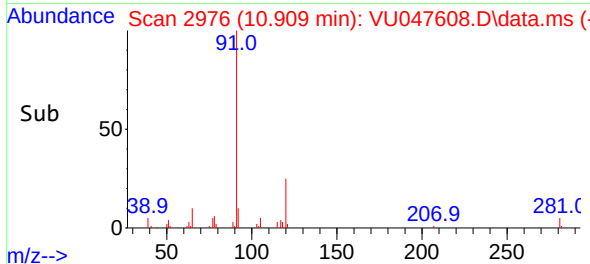
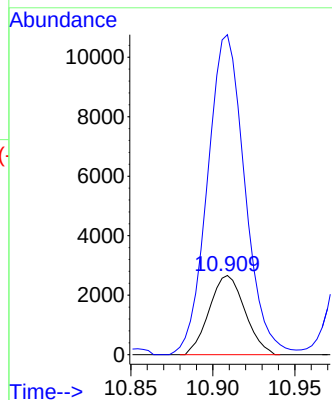
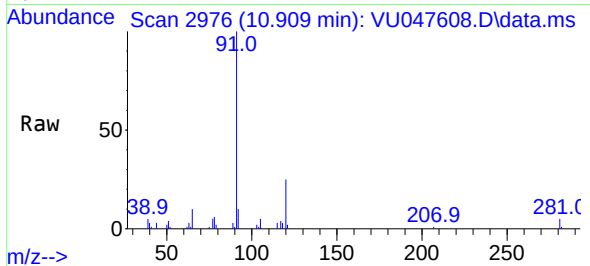
#73
n-propylbenzene
Concen: 0.377 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:120 Resp: 4019
Ion Ratio Lower Upper
120 100
91 424.1 370.7 556.1

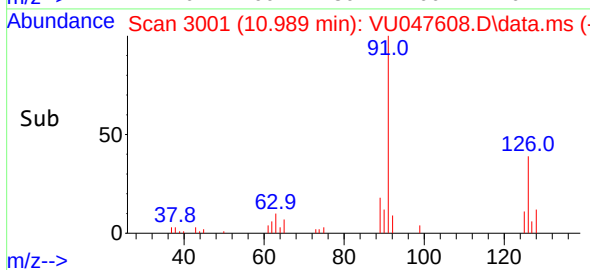
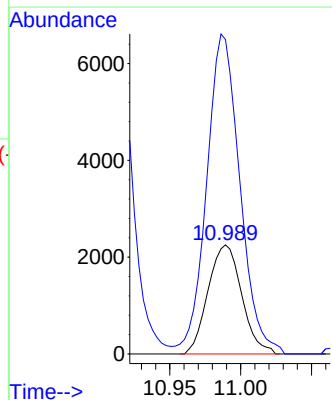
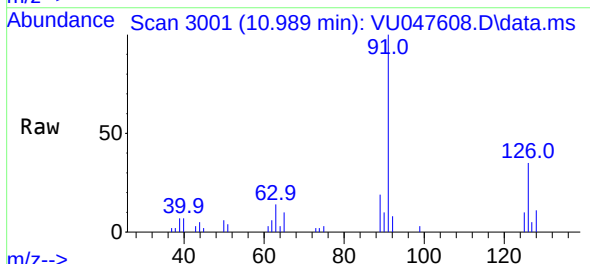
Manual Integrations
APPROVED

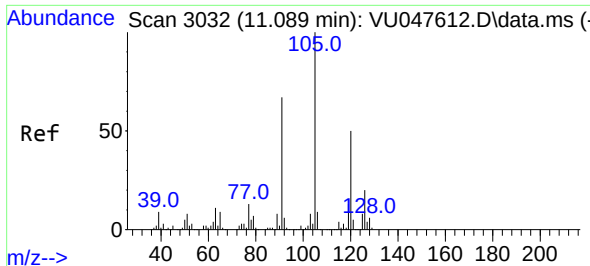
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#74
2-Chlorotoluene
Concen: 0.410 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Tgt Ion:126 Resp: 3722
Ion Ratio Lower Upper
126 100
91 290.6 0.0 639.6





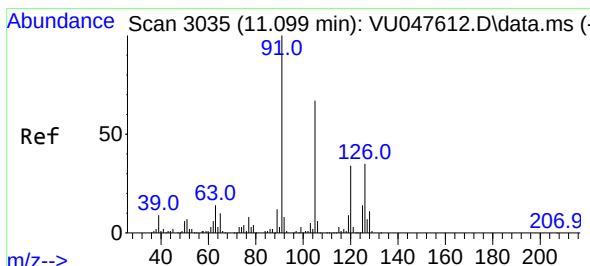
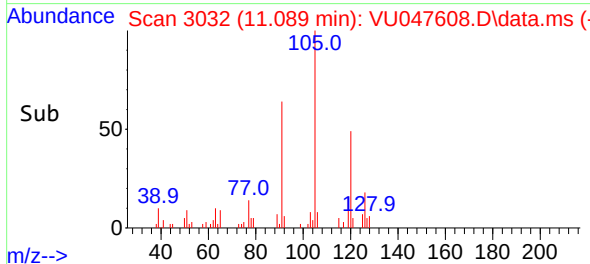
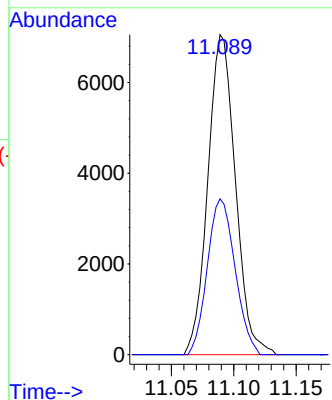
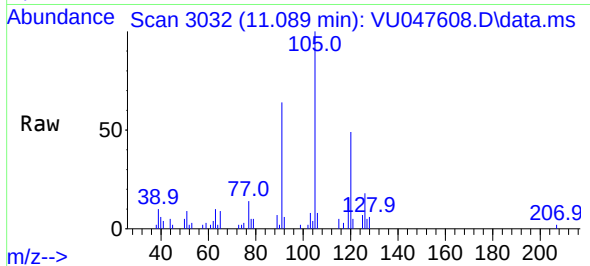
#75
1,3,5-Trimethylbenzene
Concen: 0.342 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 10852
Ion Ratio Lower Upper
105 100
120 48.9 38.6 58.0

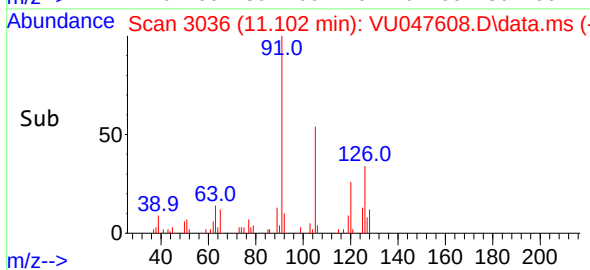
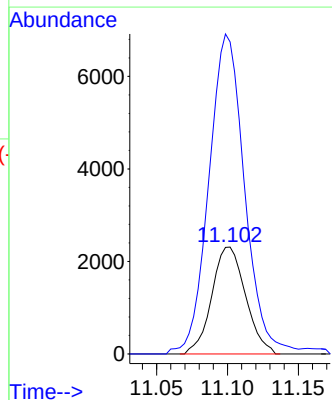
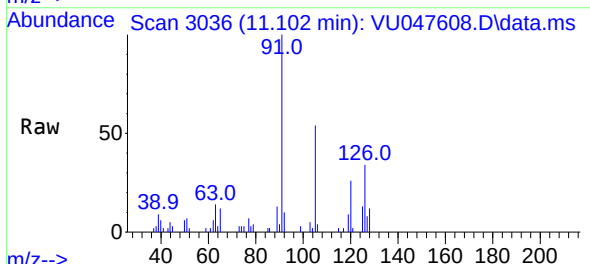
Manual Integrations
APPROVED

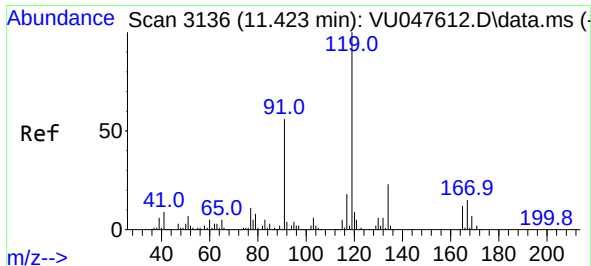
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#76
4-Chlorotoluene
Concen: 0.401 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

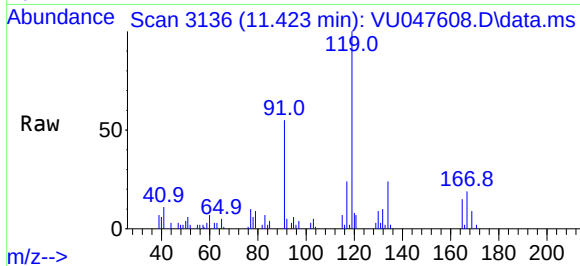
Tgt Ion:126 Resp: 3827
Ion Ratio Lower Upper
126 100
91 316.8 0.0 728.0





#77
tert-Butylbenzene
Concen: 0.380 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

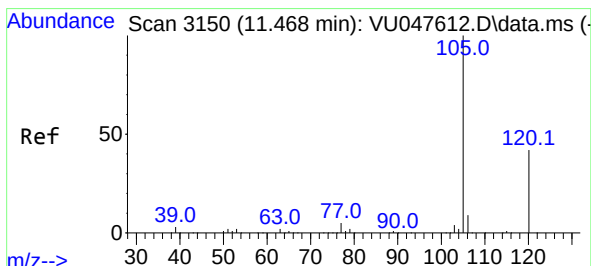
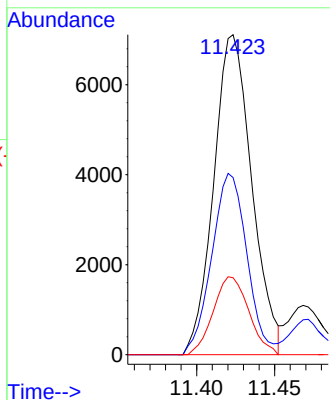
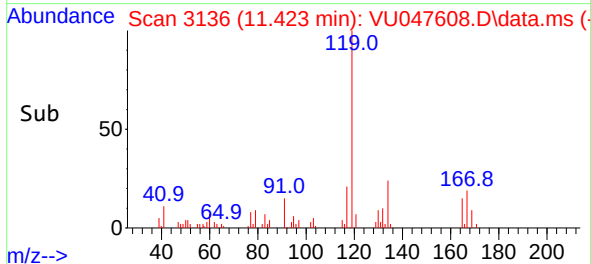
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



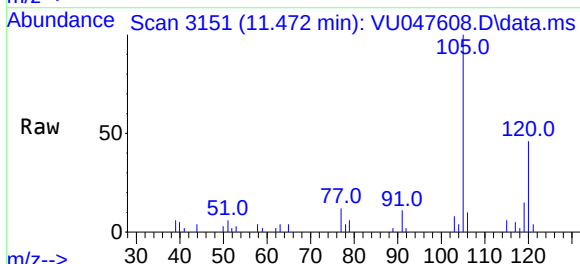
Tgt Ion:119 Resp: 12090
Ion Ratio Lower Upper
119 100
91 52.1 31.4 94.3
134 22.7 18.5 27.7

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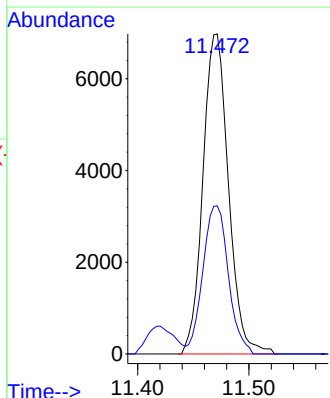
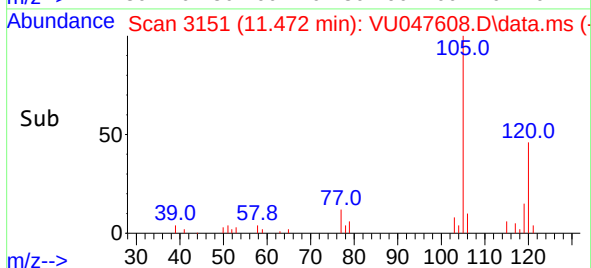
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

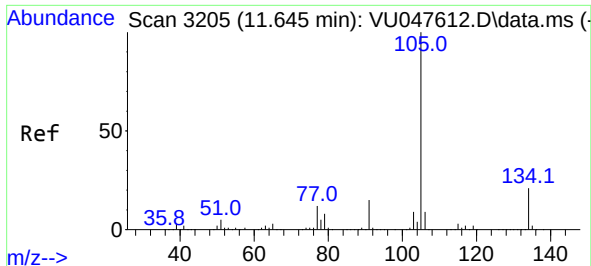


#78
1,2,4-Trimethylbenzene
Concen: 0.344 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02



Tgt Ion:105 Resp: 11127
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.8





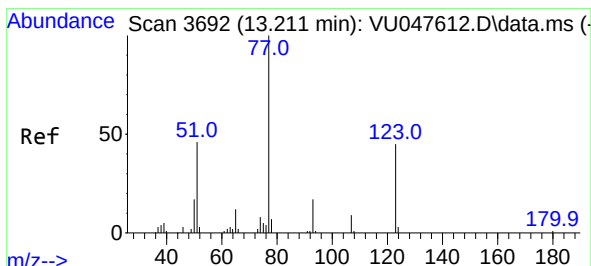
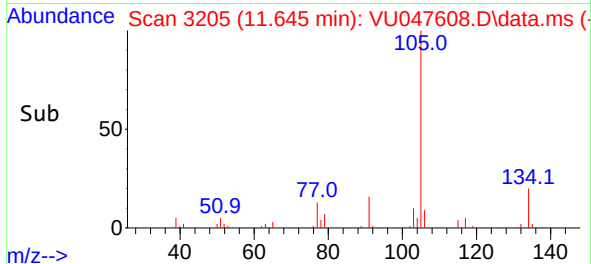
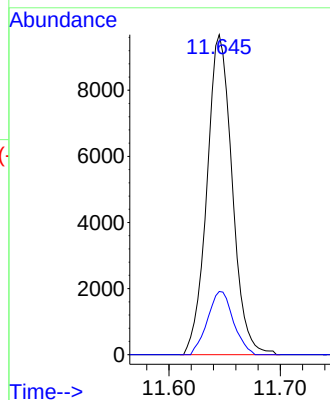
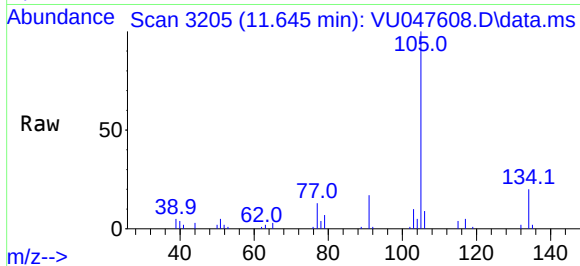
#79
 sec-Butylbenzene
 Concen: 0.361 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU047608.D
 Acq: 18 Mar 2022 10:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:105 Resp: 15254
 Ion Ratio Lower Upper
 105 100
 134 20.2 15.4 23.0

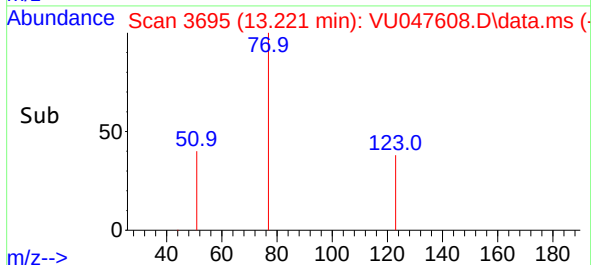
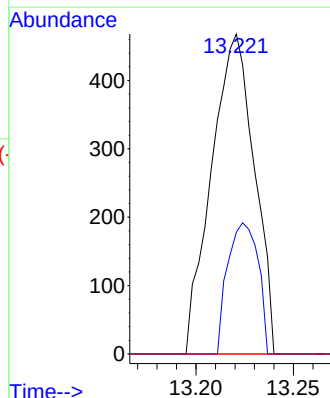
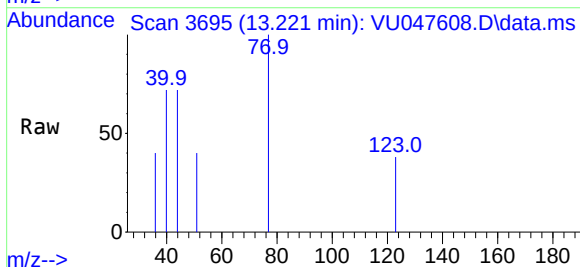
Manual Integrations
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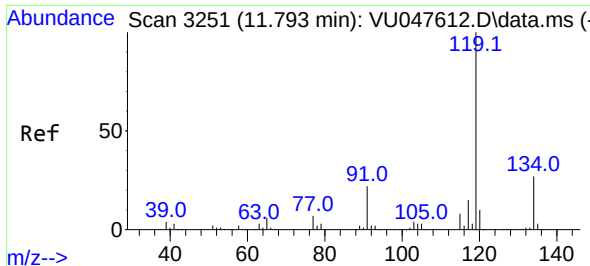
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 03/31/2022



#80
 Nitrobenzene
 Concen: 1.746 ug/l
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.010 min
 Lab File: VU047608.D
 Acq: 18 Mar 2022 10:02

Tgt Ion: 77 Resp: 715
 Ion Ratio Lower Upper
 77 100
 123 29.1 18.2 64.4
 65 0.0 12.0 15.2#





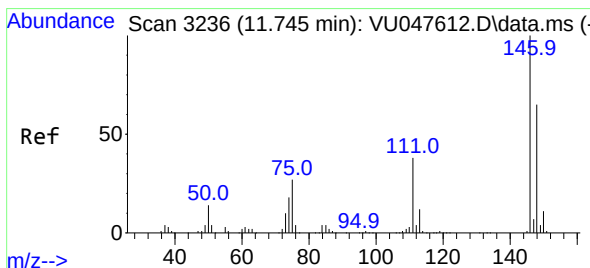
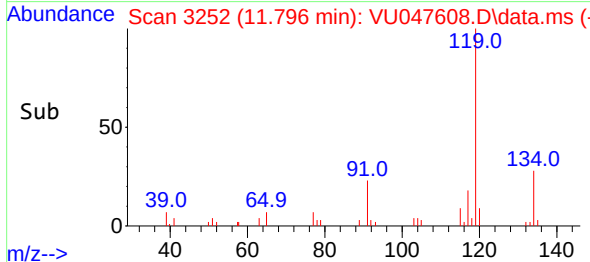
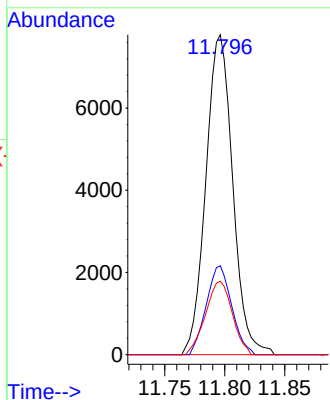
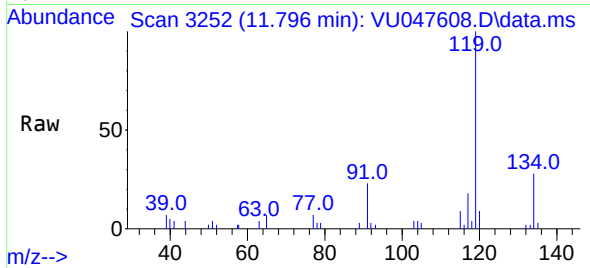
#81
p-Isopropyltoluene
Concen: 0.339 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion:119 Resp: 1212
Ion Ratio Lower Upper
119 100
134 26.3 20.2 30.4
91 22.8 19.9 29.9

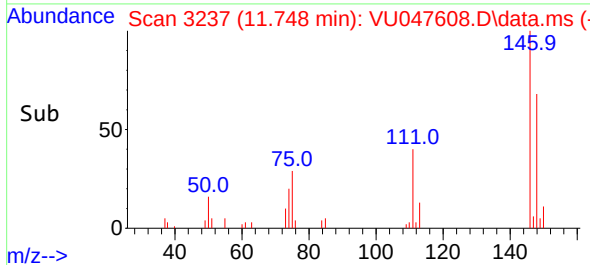
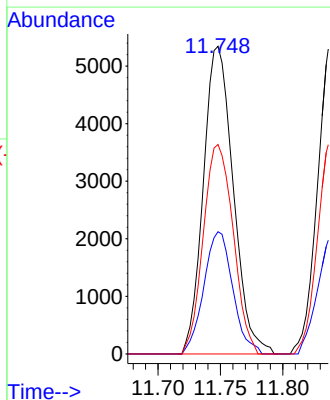
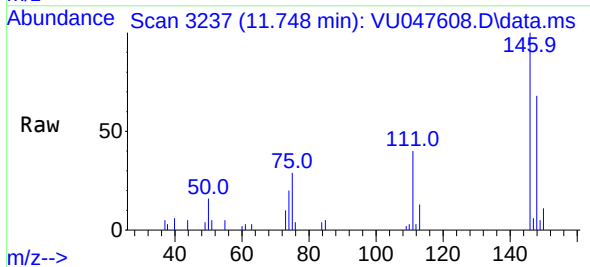
Manual Integrations
APPROVED

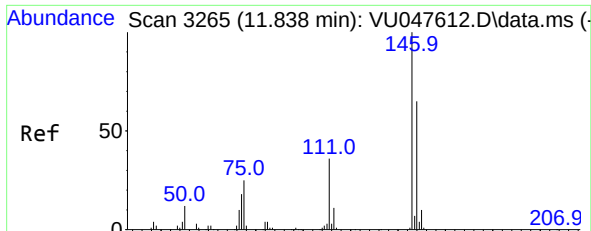
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#82
1,3-Dichlorobenzene
Concen: 0.486 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

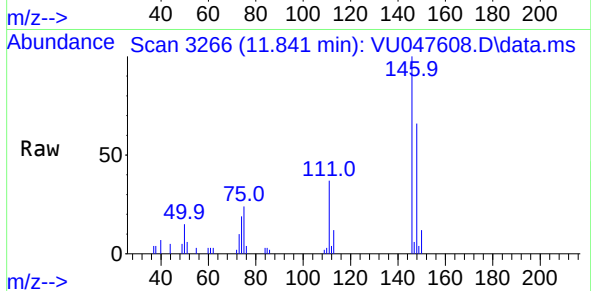
Tgt Ion:146 Resp: 8935
Ion Ratio Lower Upper
146 100
111 38.4 33.9 50.9
148 68.0 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 0.489 ug/l
RT: 11.841 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

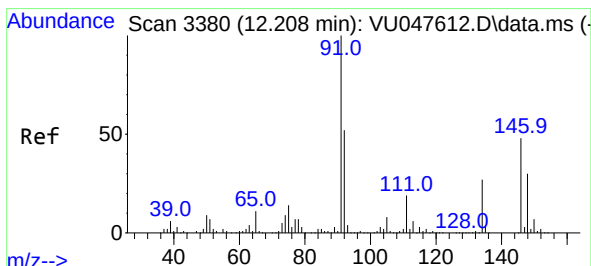
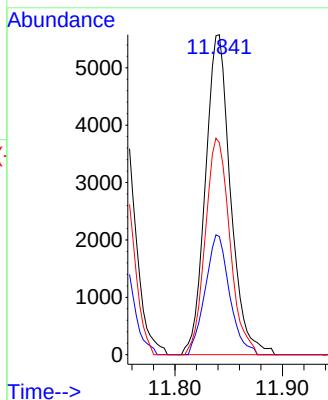
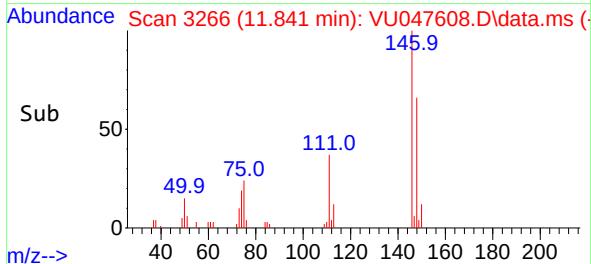
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion:146 Resp: 906
Ion Ratio Lower Upper
146 100
111 36.2 32.7 49.1
148 66.0 51.4 77.0

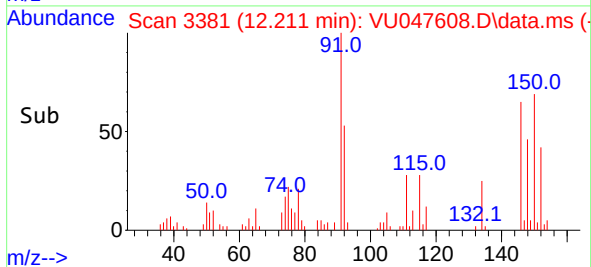
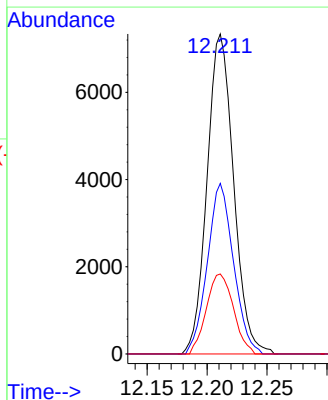
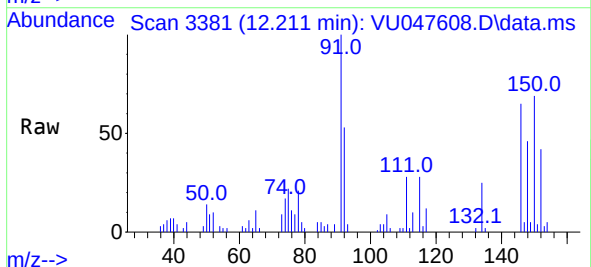
Manual Integrations
APPROVED

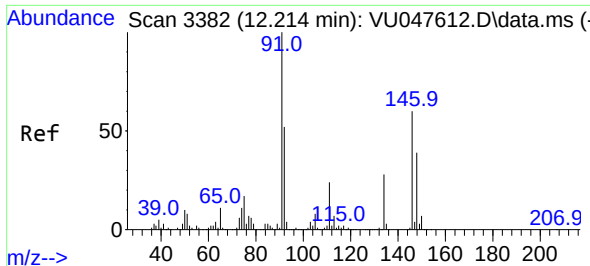
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#84
n-Butylbenzene
Concen: 0.329 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

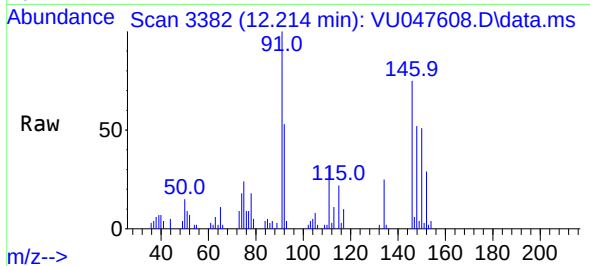
Tgt Ion: 91 Resp: 11306
Ion Ratio Lower Upper
91 100
92 52.5 43.5 65.3
134 25.4 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 0.497 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

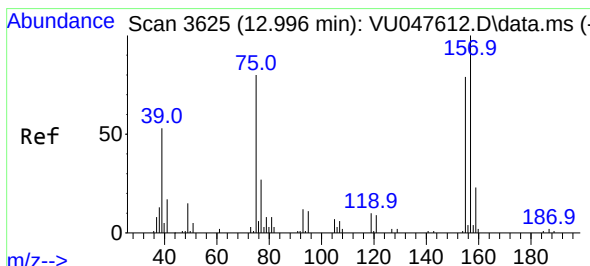
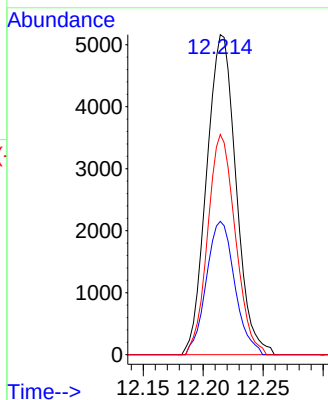
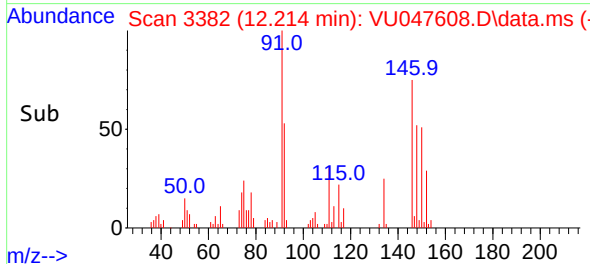
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



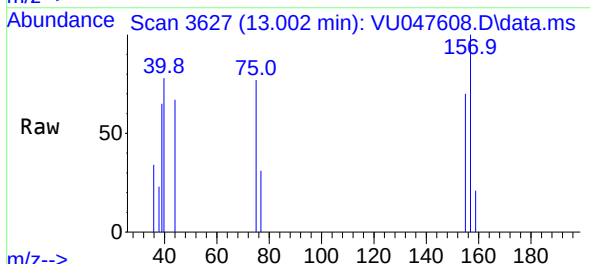
Tgt Ion:146 Resp: 8800
Ion Ratio Lower Upper
146 100
111 40.3 22.1 66.1
148 64.8 31.6 94.7

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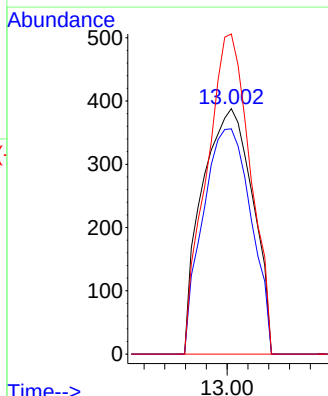
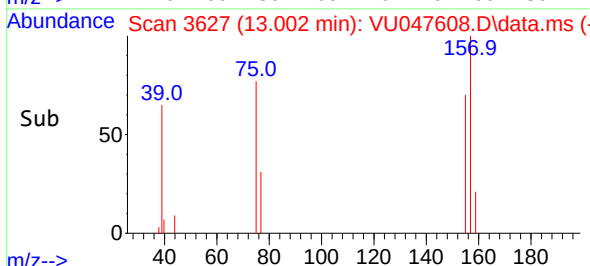
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

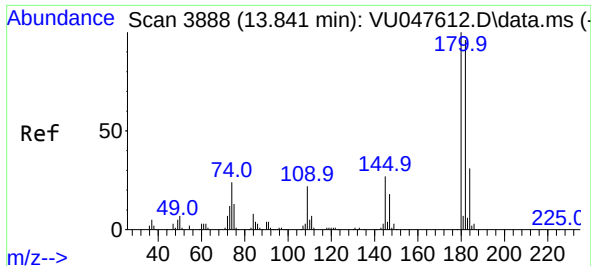


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.421 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.006 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02



Tgt Ion: 75 Resp: 655
Ion Ratio Lower Upper
75 100
155 87.5 57.8 86.8#
157 113.4 75.1 112.7#





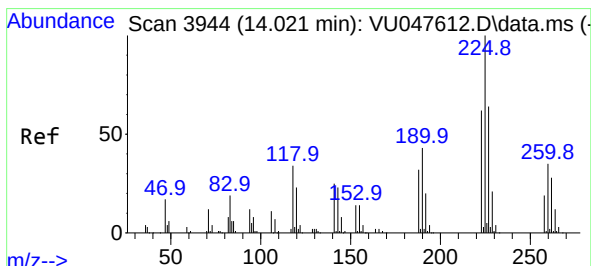
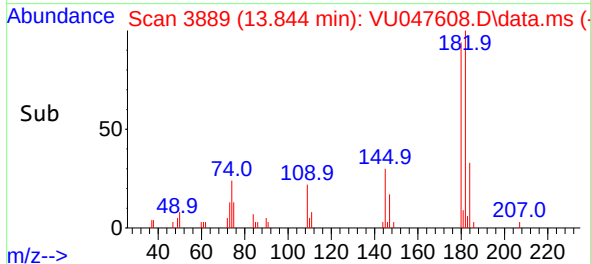
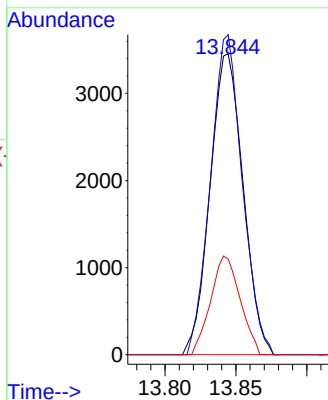
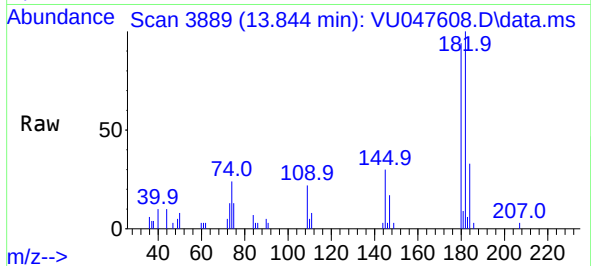
#87
1,2,4-Trichlorobenzene
Concen: 0.403 ug/l
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:180 Resp: 5608
Ion Ratio Lower Upper
180 100
182 102.2 75.8 113.8
145 29.2 25.3 37.9

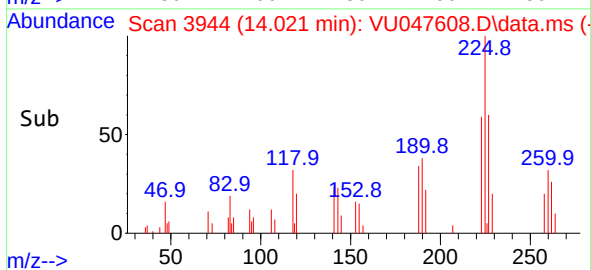
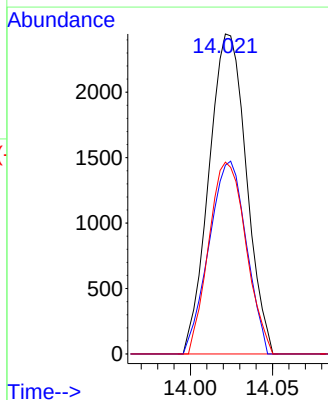
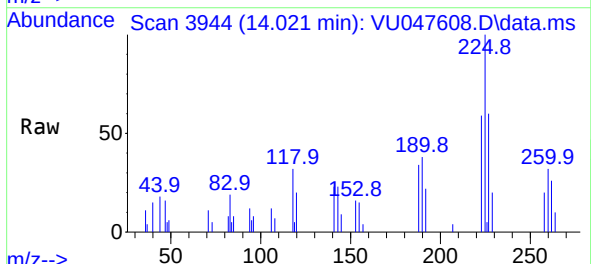
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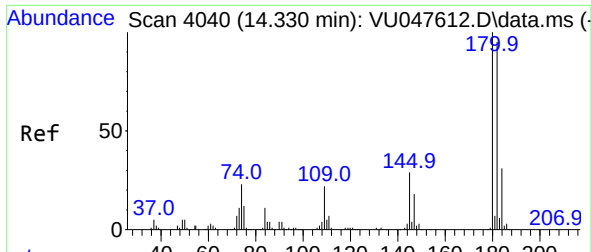
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#88
Hexachlorobutadiene
Concen: 0.545 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. -0.000 min
Lab File: VU047608.D
Acq: 18 Mar 2022 10:02

Tgt Ion:225 Resp: 3874
Ion Ratio Lower Upper
225 100
223 60.0 51.1 76.7
227 59.6 49.9 74.9





#90

1,2,3-Trichlorobenzene

Concen: 0.431 ug/l

RT: 14.333 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU047608.D

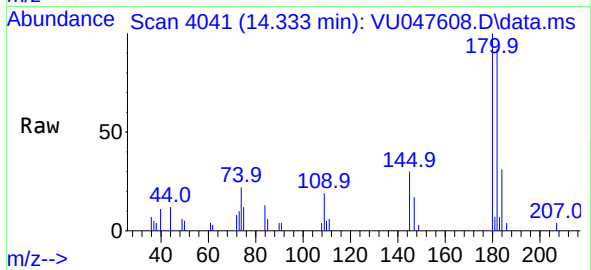
Acq: 18 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5



Tgt Ion:180 Resp: 537

Ion Ratio Lower Upper

180 100

182 95.3 75.4 113.0

145 27.1 27.0 40.4

Manual Integrations

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Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022

