

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071921\
 Data File : VU044355.D
 Acq On : 19 Jul 2021 09:20
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/20/2021
 Supervised By : Mahesh Dadoda 07/23/2021

Quant Time: Jul 20 01:19:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 16 14:36:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.121	96	59968	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	25774	1.065	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	23647	1.002	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	207605	9.919	ug/l	99
3) Chloromethane	1.523	50	221945	9.751	ug/l	100
4) Vinyl Chloride	1.607	62	232617	10.123	ug/l	99
5) Bromomethane	1.861	94	116315	9.492	ug/l	98
6) Chloroethane	1.938	64	137098	9.805	ug/l	97
7) Trichlorofluoromethane	2.144	101	250529	10.085	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	158597	10.103	ug/l	98
9) 1,1-Dichloroethene	2.588	96	153588	10.029	ug/l	96
10) Iodomethane	2.729	142	203825	10.171	ug/l	89
11) Allyl Chloride	2.932	41	263493	10.448	ug/l	# 81
12) Acrylonitrile	3.327	53	77636	22.122	ug/l	96
13) Acetone	2.636	43	104769	59.857	ug/l	91
14) Carbon Disulfide	2.800	76	523472	10.326	ug/l	100
15) Methylene Chloride	3.054	84	177105	8.149	ug/l	94
16) trans-1,2-Dichloroethene	3.359	96	169059	9.897	ug/l	99
17) 1,1-Dichloroethane	3.880	63	322829	10.148	ug/l	99
18) 2-Butanone	4.732	43	220103	58.637	ug/l	97
19) Cyclohexane	5.388	56	293263	10.084	ug/l	97
20) Methylcyclohexane	6.767	83	313320	10.331	ug/l	98
21) 2,2-Dichloropropane	4.674	77	268327	10.287	ug/l	97
22) cis-1,2-Dichloroethene	4.678	96	186152	9.972	ug/l	96
23) Diethyl Ether	2.385	59	135368	10.535	ug/l	99
24) tert-Butyl Alcohol	3.211	59	89239	117.033	ug/l	98
25) Methyl tert-Butyl Ether	3.379	73	441021	10.317	ug/l	93
26) Bromochloromethane	4.986	128	76893	9.732	ug/l	96
27) Chloroform	5.099	83	300591	9.763	ug/l	97
28) 1,1,1-Trichloroethane	5.321	97	258118	10.053	ug/l	98
29) 1,1-Dichloropropene	5.530	75	244432	10.019	ug/l	100
30) Carbon Tetrachloride	5.526	117	217189	10.145	ug/l	99
31) Isopropyl Ether	4.012	45	553802	10.464	ug/l	95
32) Ethyl-t-butyl ether	4.523	59	539875	10.345	ug/l	98
33) Tert-Amyl methyl ether	5.960	73	468169	10.088	ug/l	98
34) Propionitrile	4.800	54	56117	52.816	ug/l	97
35) Benzene	5.780	78	706686	9.967	ug/l	99
36) 1,2-Dichloroethane	5.806	62	203804	10.016	ug/l	96
37) Trichloroethene	6.549	130	179111	10.051	ug/l	93
38) 1,2-Dichloropropane	6.803	63	190463	10.149	ug/l	99
39) Methacrylonitrile	4.993	41	66381	10.959	ug/l	96
40) Methyl acrylate	4.864	55	98899	10.493	ug/l	99
41) Tetrahydrofuran	5.079	42	59701	20.779	ug/l	98
42) 1-Chlorobutane	5.465	56	352058	10.211	ug/l	95
43) Dibromomethane	6.928	93	95785	10.291	ug/l	97
44) Bromodichloromethane	7.115	83	231248	10.472	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071921\
 Data File : VU044355.D
 Acq On : 19 Jul 2021 09:20
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

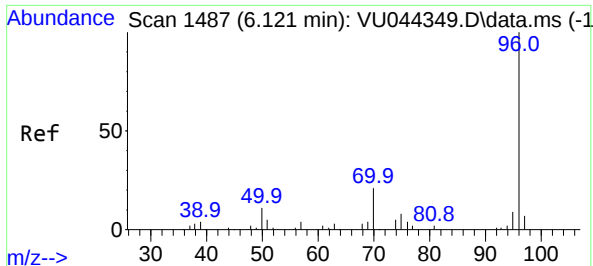
Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/20/2021
 Supervised By : Mahesh Dadoda 07/23/2021

Quant Time: Jul 20 01:19:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 16 14:36:39 2021
 Response via : Initial Calibration

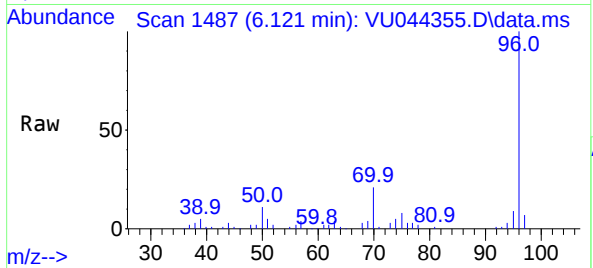
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.809	43	657987	52.034	ug/l	95
46) t-1,4-Dichloro-2-butene	10.841	75	118696m	22.152	ug/l	
47) Methyl methacrylate	6.976	69	211959	20.598	ug/l #	91
48) Ethyl methacrylate	8.346	69	219267	10.319	ug/l	93
49) Toluene	7.976	92	457459	10.257	ug/l	99
50) t-1,3-Dichloropropene	8.221	75	246776	10.761	ug/l	98
51) cis-1,3-Dichloropropene	7.616	75	286190	10.579	ug/l	93
52) 1,1,2-Trichloroethane	8.410	97	138258	10.081	ug/l	98
53) 1,3-Dichloropropane	8.584	76	255719	10.151	ug/l	100
54) 2-Hexanone	8.700	43	481891	53.573	ug/l	93
55) Dibromochloromethane	8.819	129	156380	10.531	ug/l	100
56) 1,2-Dibromoethane	8.931	107	134652	10.045	ug/l	100
58) Tetrachloroethene	8.558	164	152172	10.060	ug/l	100
59) Chlorobenzene	9.452	112	476731	10.110	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.542	131	162217	10.323	ug/l	99
61) Pentachloroethane	11.433	117	129848	10.341	ug/l	96
62) Hexachloroethane	12.481	117	142314	10.858	ug/l	99
63) Ethyl Benzene	9.578	91	865736	10.272	ug/l	100
64) m/p-Xylenes	9.700	106	654196	20.312	ug/l	99
65) o-Xylene	10.105	106	319809	10.290	ug/l	99
66) Styrene	10.121	104	552498	10.317	ug/l	98
67) Bromoform	10.298	173	91106	10.962	ug/l	100
69) Isopropylbenzene	10.491	105	849172	10.214	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.790	83	185412	10.243	ug/l	99
71) 1,2,3-Trichloropropane	10.841	75	140821m	9.075	ug/l	
72) Bromobenzene	10.790	156	191356	9.941	ug/l	93
73) n-propylbenzene	10.912	120	226893	10.125	ug/l	90
74) 2-Chlorotoluene	10.992	126	189308	9.848	ug/l	86
75) 1,3,5-Trimethylbenzene	11.095	105	717549	10.212	ug/l	100
76) 4-Chlorotoluene	11.102	126	195136	9.771	ug/l	92
77) tert-Butylbenzene	11.426	119	699936	10.162	ug/l	100
78) 1,2,4-Trimethylbenzene	11.475	105	732677	10.272	ug/l	100
79) sec-Butylbenzene	11.648	105	961494	10.250	ug/l	98
80) Nitrobenzene	13.214	77	38922	72.090	ug/l	98
81) p-Isopropyltoluene	11.799	119	798835	10.285	ug/l	98
82) 1,3-Dichlorobenzene	11.751	146	376599	9.850	ug/l	99
83) 1,4-Dichlorobenzene	11.841	146	376171	9.742	ug/l	99
84) n-Butylbenzene	12.214	91	805302	10.590	ug/l	99
85) 1,2-Dichlorobenzene	12.217	146	367165	9.913	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	13.002	75	34663	11.079	ug/l	98
87) 1,2,4-Trichlorobenzene	13.848	180	274671	10.482	ug/l	97
88) Hexachlorobutadiene	14.028	225	128378	10.124	ug/l	99
89) Naphthalene	14.092	128	558577	10.658	ug/l	99
90) 1,2,3-Trichlorobenzene	14.336	180	245672	10.326	ug/l	99

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



Fluorobenzene
Concen: 1.000 ug/l
RT: 6.121 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

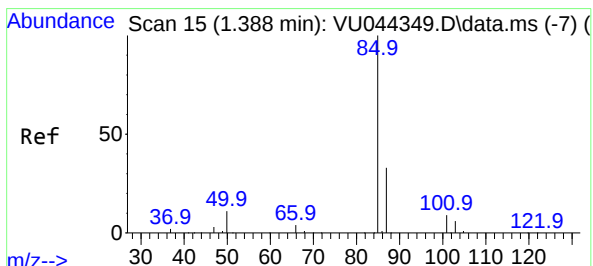
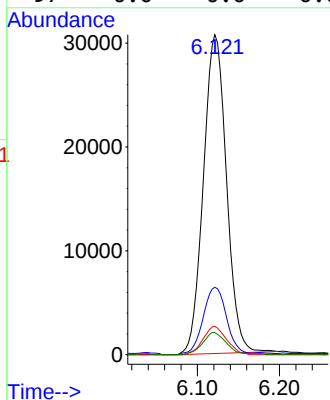
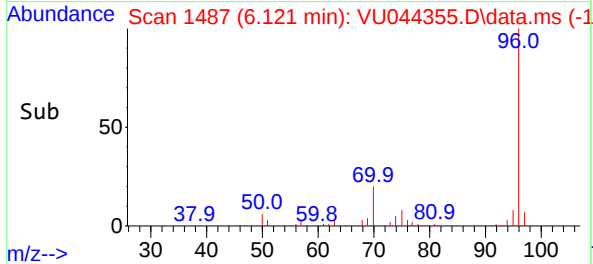
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 96 Resp: 59968
Ion Ratio Lower Upper
96 100
70 20.9 16.2 24.2
95 9.0 7.3 10.9
97 0.0 0.0 0.0

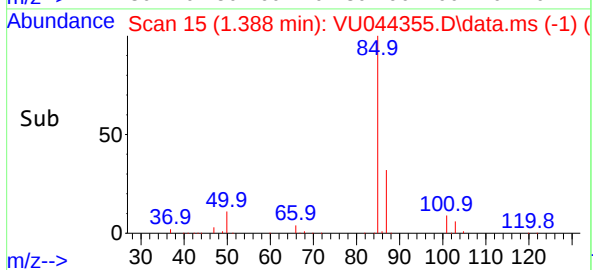
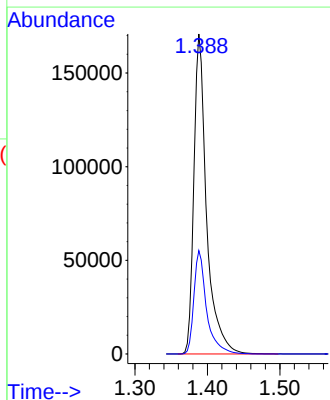
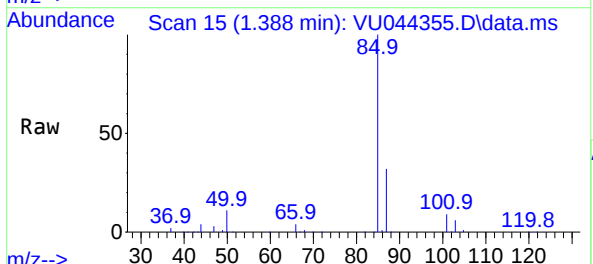
Manual Integrations
APPROVED

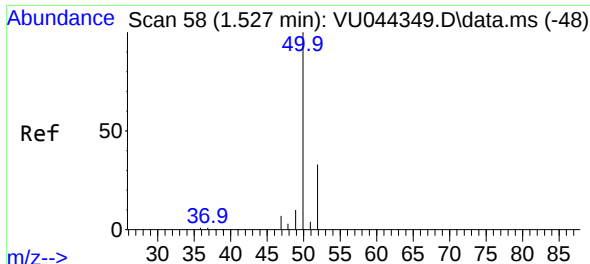
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



Dichlorodifluoromethane
Concen: 9.919 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

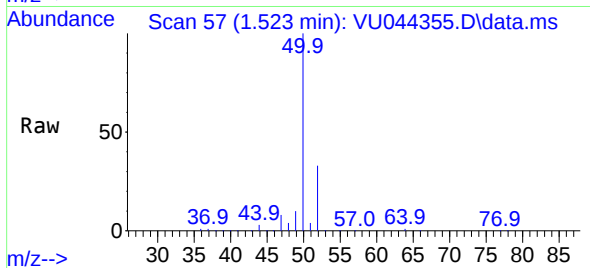
Tgt Ion: 85 Resp: 207605
Ion Ratio Lower Upper
85 100
87 32.3 16.0 48.0





#3
Chloromethane
Concen: 9.751 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

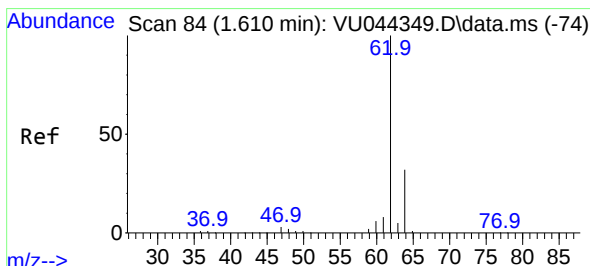
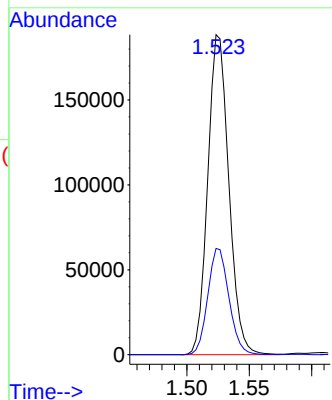
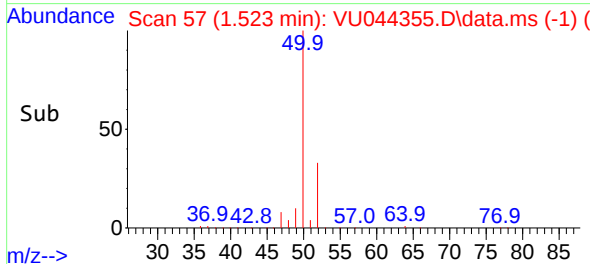
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 50 Resp: 22194
Ion Ratio Lower Upper
50 100
52 33.2 26.7 40.1

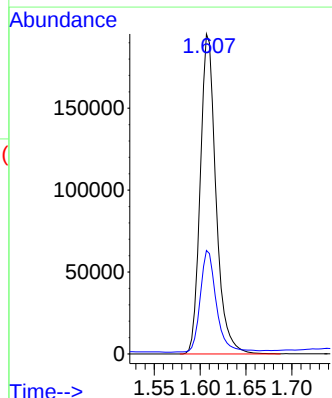
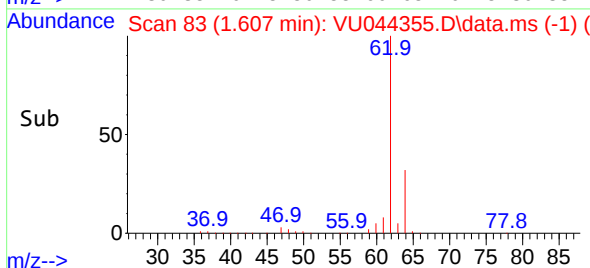
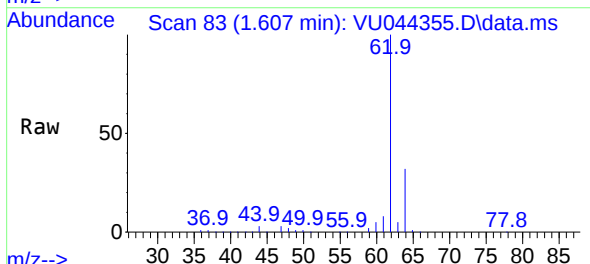
Manual Integrations
APPROVED

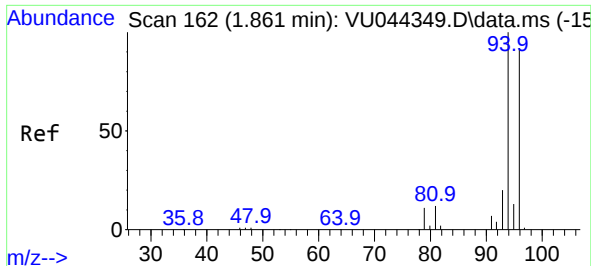
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#4
Vinyl Chloride
Concen: 10.123 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.003 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

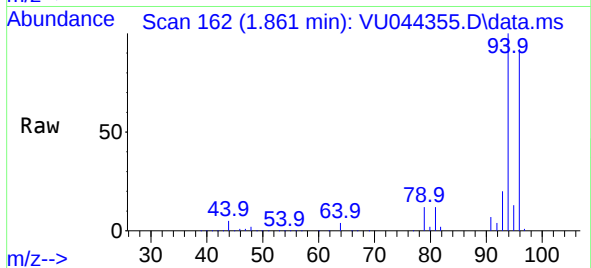
Tgt Ion: 62 Resp: 232617
Ion Ratio Lower Upper
62 100
64 31.7 25.1 37.7





#5
Bromomethane
Concen: 9.492 ug/l
RT: 1.861 min Scan# 116315
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

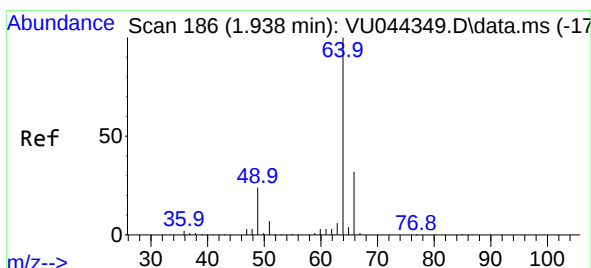
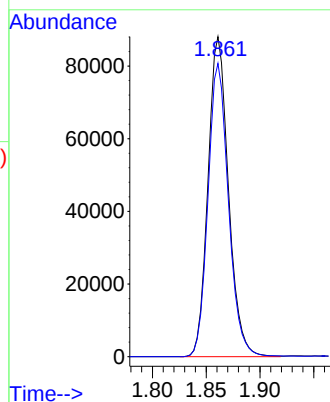
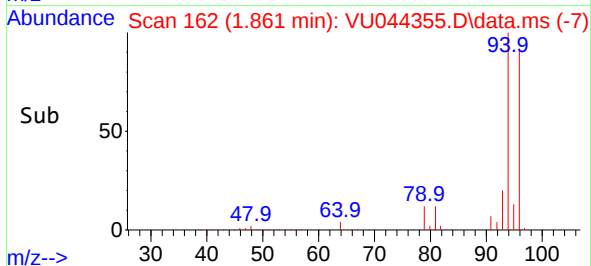
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



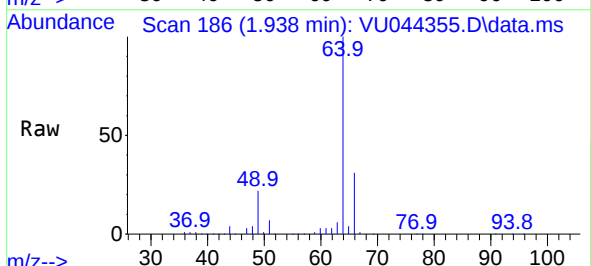
Tgt Ion: 94 Resp: 116315
Ion Ratio Lower Upper
94 100
96 91.6 74.7 112.1

Manual Integrations
APPROVED

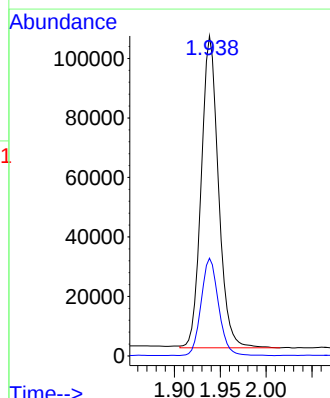
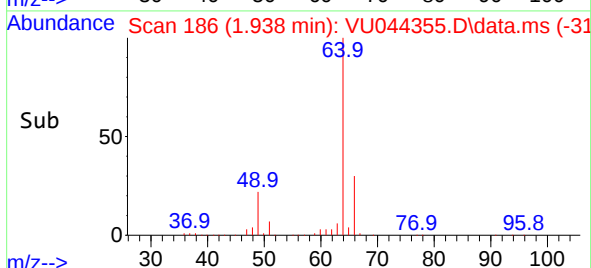
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

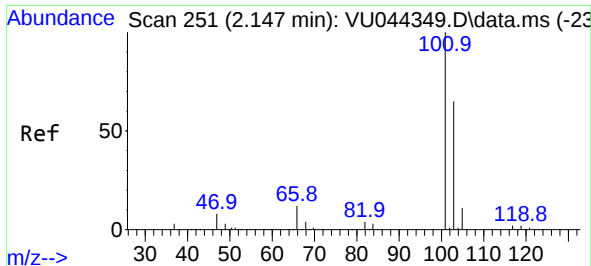


#6
Chloroethane
Concen: 9.805 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20



Tgt Ion: 64 Resp: 137098
Ion Ratio Lower Upper
64 100
66 31.2 26.1 39.1





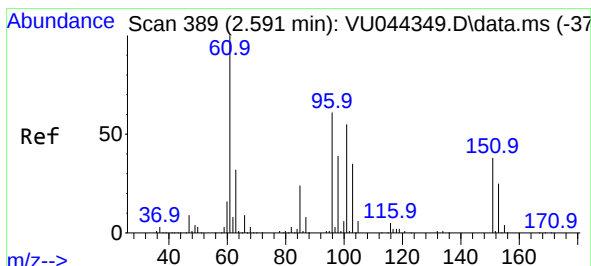
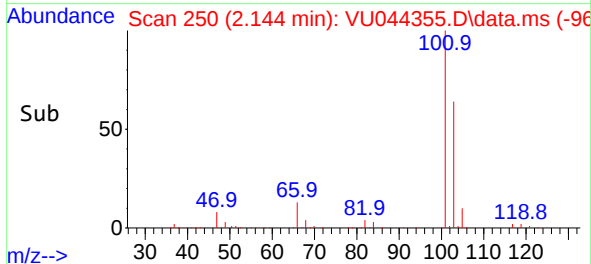
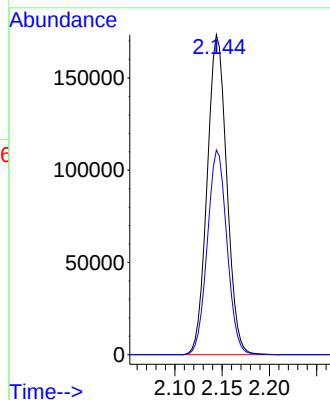
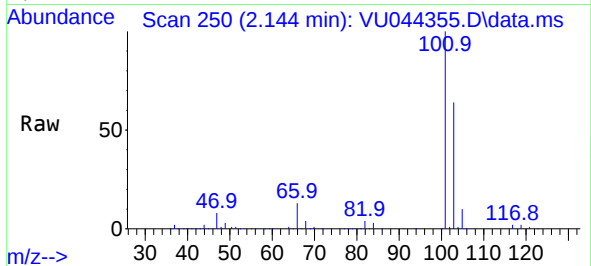
#7
 Trichlorofluoromethane
 Concen: 10.085 ug/l
 RT: 2.144 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU044355.D
 Acq: 19 Jul 2021 09:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:101 Resp: 250529
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.9 77.9

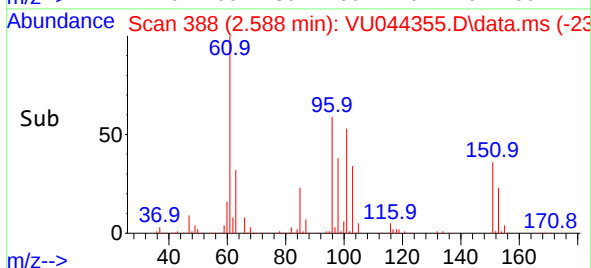
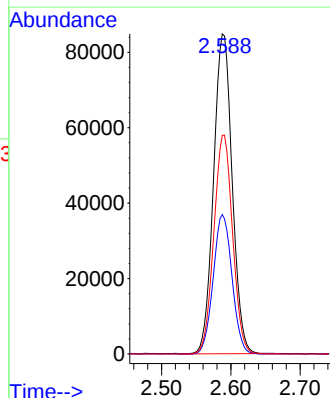
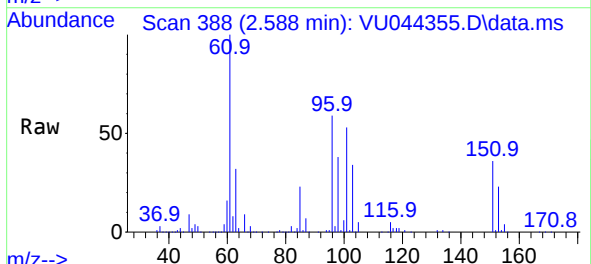
Manual Integrations
 APPROVED

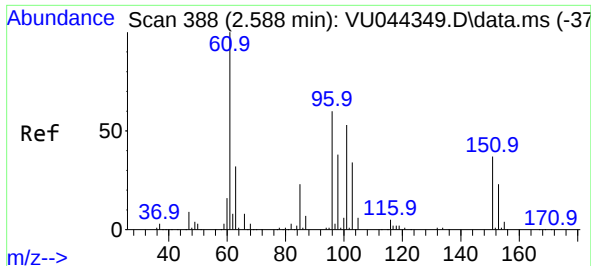
Reviewed By :John Carlone 07/20/2021
 Supervised By :Mahesh Dadoda 07/23/2021



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.103 ug/l
 RT: 2.588 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU044355.D
 Acq: 19 Jul 2021 09:20

Tgt Ion:101 Resp: 158597
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.8 53.8
 151 68.9 57.0 85.4





#9
1,1-Dichloroethene
Concen: 10.029 ug/l
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

Instrument :

MSVOA_U

ClientSampleId :

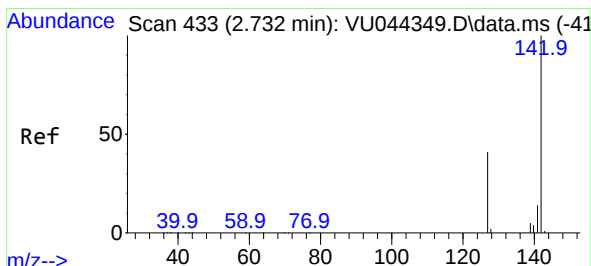
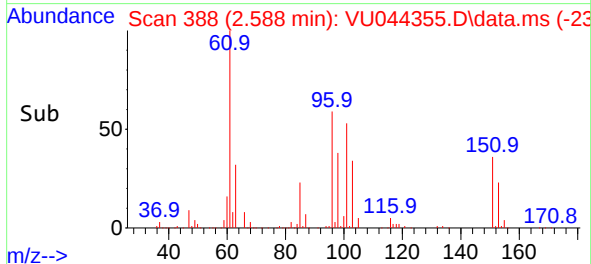
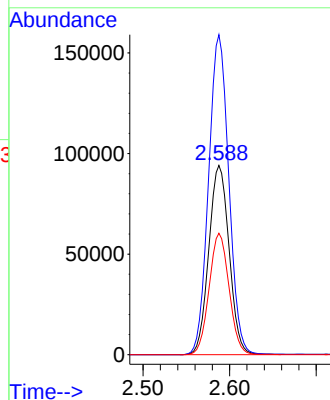
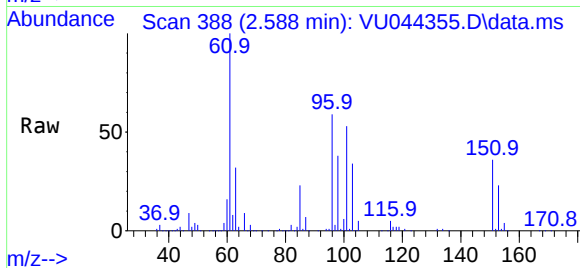
VSTDCCC010

Tgt Ion: 96 Resp: 153588
Ion Ratio Lower Upper
96 100
61 169.0 0.0 528.0
98 64.2 0.0 127.4

Manual Integrations

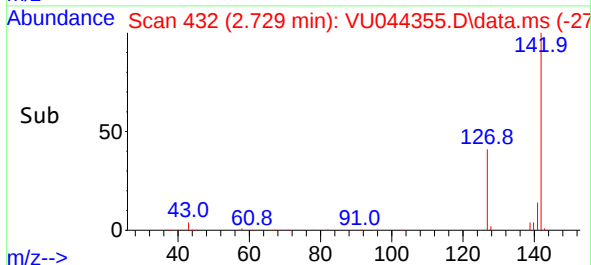
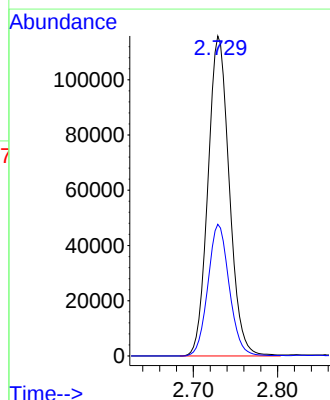
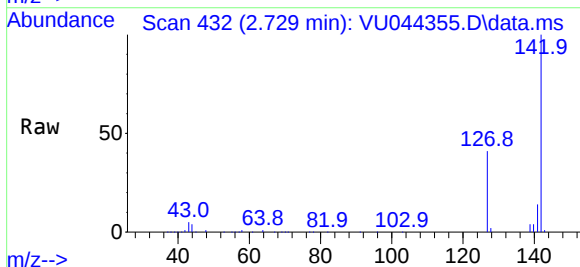
APPROVED

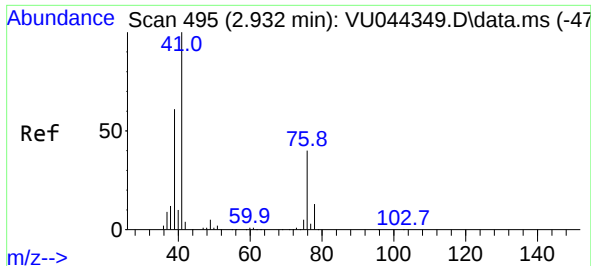
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#10
Iodomethane
Concen: 10.171 ug/l
RT: 2.729 min Scan# 432
Delta R.T. -0.003 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

Tgt Ion:142 Resp: 203825
Ion Ratio Lower Upper
142 100
127 41.2 39.1 58.7





#11

Allyl Chloride

Concen: 10.448 ug/l

RT: 2.932 min Scan# 495

Delta R.T. -0.000 min

Lab File: VU044355.D

Acq: 19 Jul 2021 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 26349

Ion Ratio Lower Upper

41 100

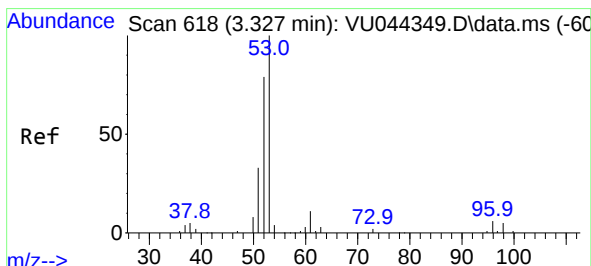
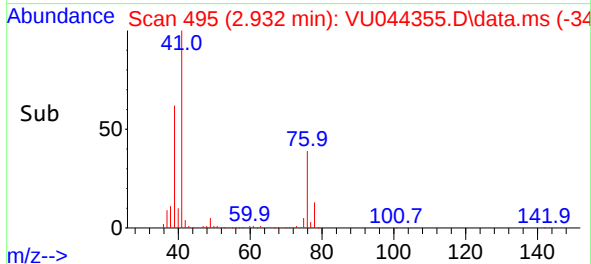
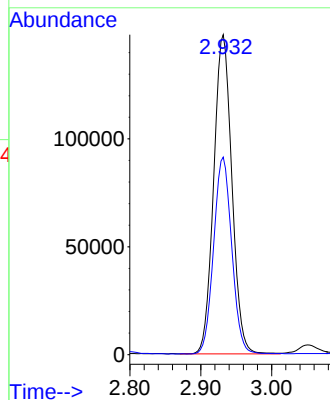
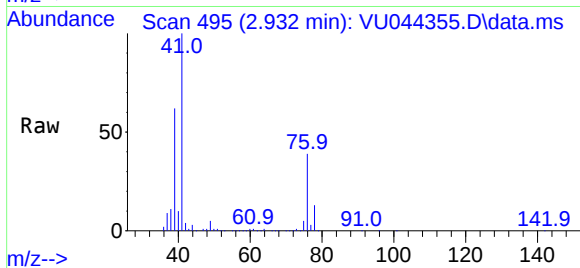
39 61.3 62.5 93.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2021

Supervised By :Mahesh Dadoda 07/23/2021



#12

Acrylonitrile

Concen: 22.122 ug/l

RT: 3.327 min Scan# 618

Delta R.T. -0.000 min

Lab File: VU044355.D

Acq: 19 Jul 2021 09:20

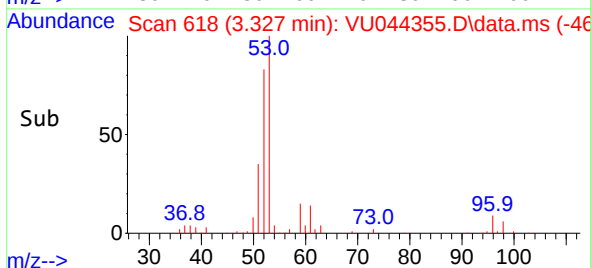
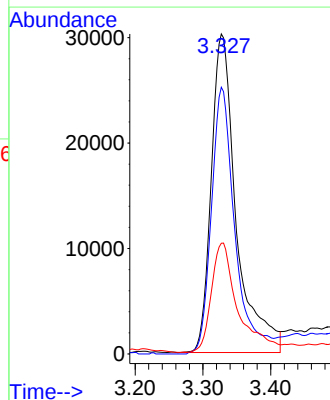
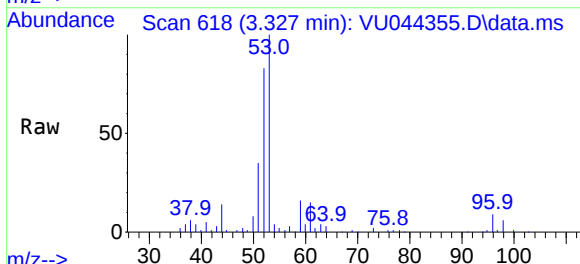
Tgt Ion: 53 Resp: 77636

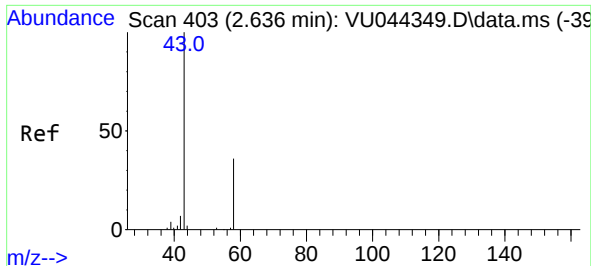
Ion Ratio Lower Upper

53 100

52 78.8 67.0 100.4

51 36.4 29.8 44.6





#13

Acetone

Concen: 59.857 ug/l

RT: 2.636 min Scan# 403

Delta R.T. -0.000 min

Lab File: VU044355.D

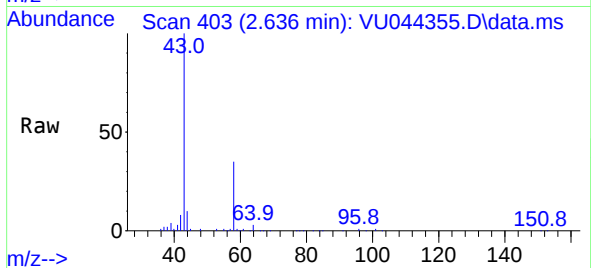
Acq: 19 Jul 2021 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



Tgt Ion: 43 Resp: 104769

Ion Ratio Lower Upper

43 100

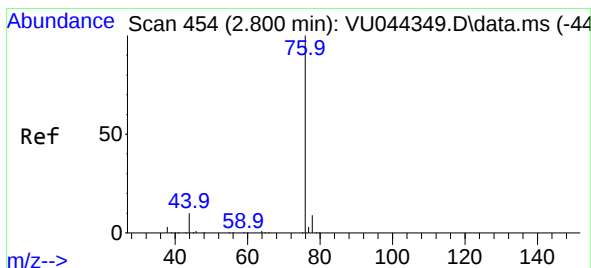
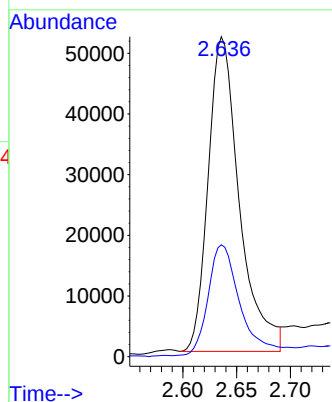
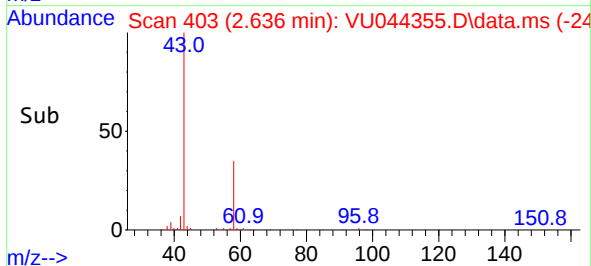
58 35.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2021

Supervised By :Mahesh Dadoda 07/23/2021



#14

Carbon Disulfide

Concen: 10.326 ug/l

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU044355.D

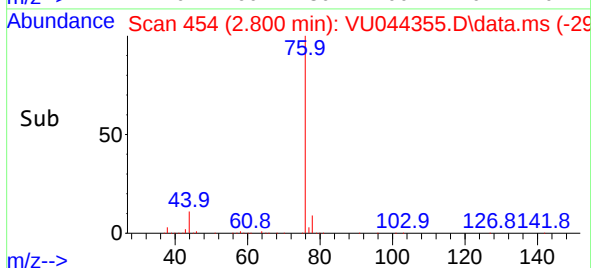
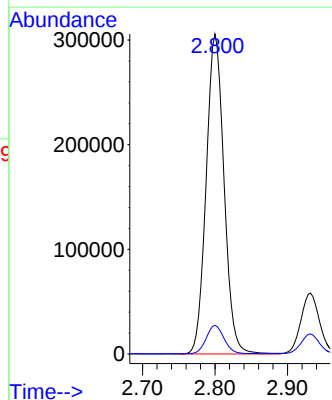
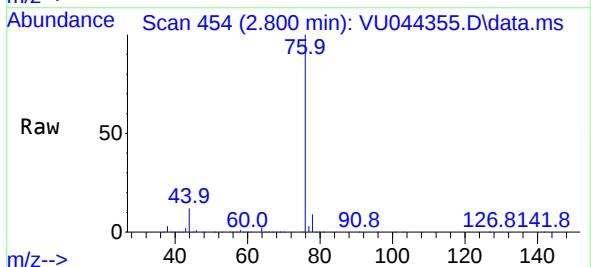
Acq: 19 Jul 2021 09:20

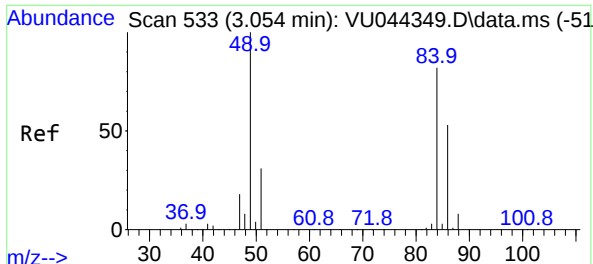
Tgt Ion: 76 Resp: 523472

Ion Ratio Lower Upper

76 100

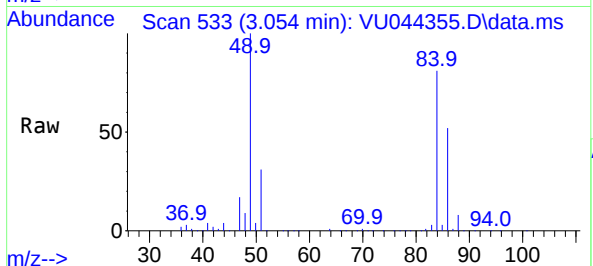
78 8.9 7.1 10.7





#15
Methylene Chloride
Concen: 8.149 ug/l
RT: 3.054 min Scan# 511
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

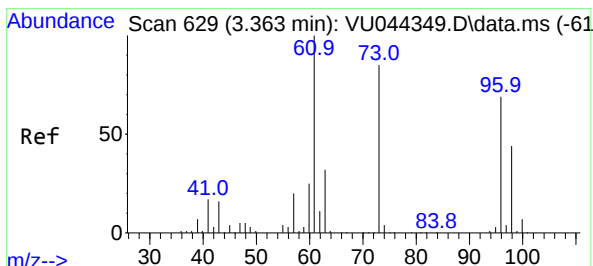
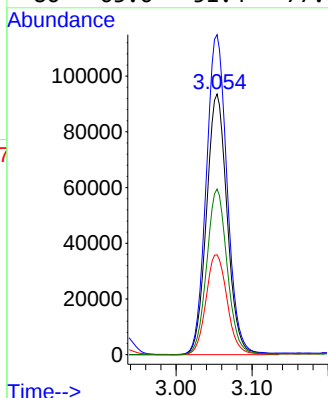
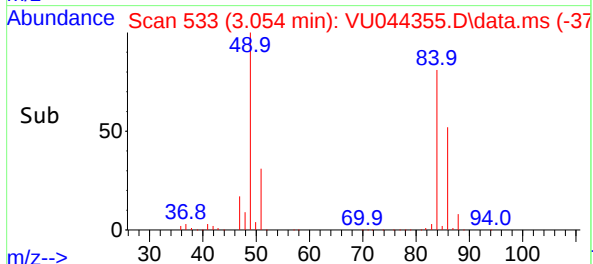
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



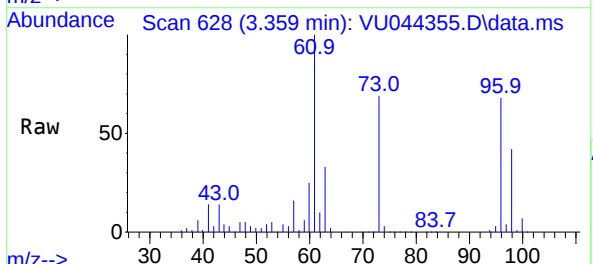
Tgt Ion: 84 Resp: 17710
Ion Ratio Lower Upper
84 100
49 122.8 106.3 159.5
51 38.2 0.0 81.8
86 63.6 51.4 77.0

Manual Integrations
APPROVED

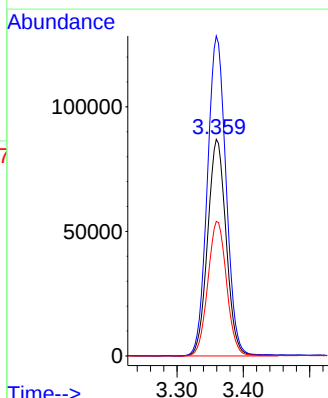
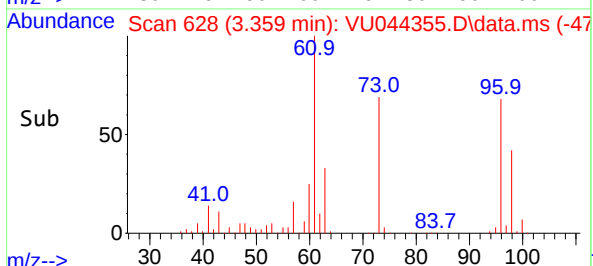
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

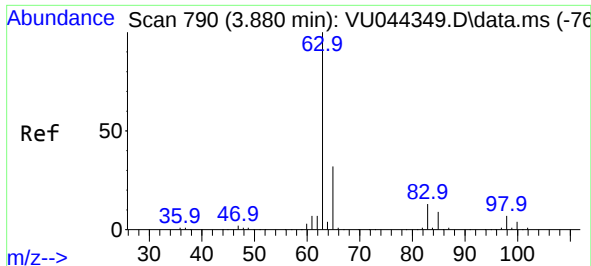


#16
trans-1,2-Dichloroethene
Concen: 9.897 ug/l
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20



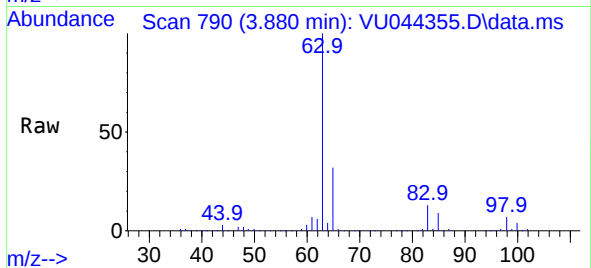
Tgt Ion: 96 Resp: 169059
Ion Ratio Lower Upper
96 100
61 147.7 119.3 178.9
98 62.1 50.8 76.2





#17
1,1-Dichloroethane
Concen: 10.148 ug/l
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

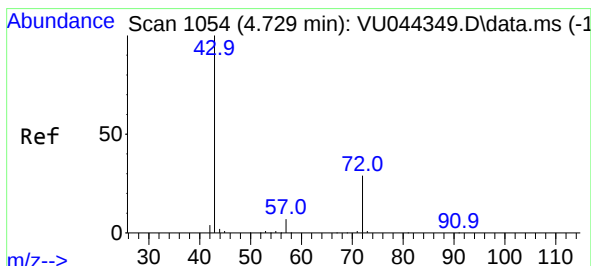
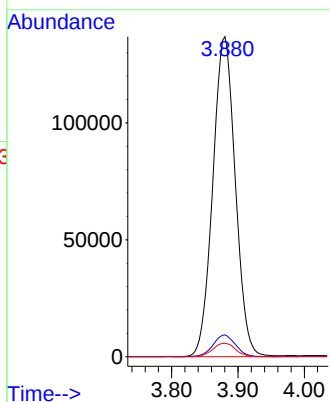
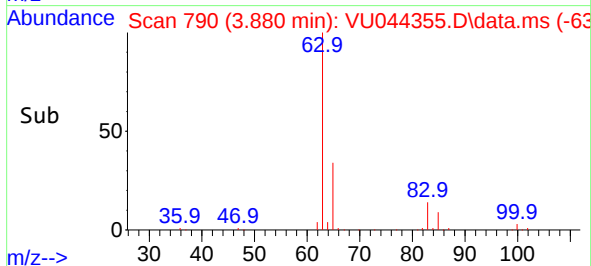
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



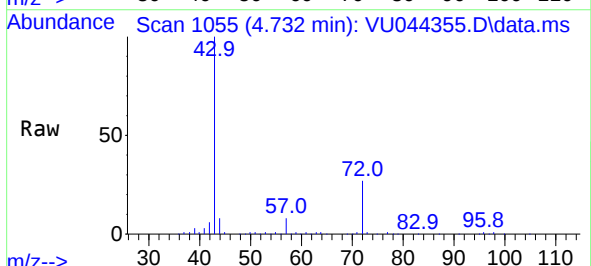
Tgt Ion: 63 Resp: 322829
Ion Ratio Lower Upper
63 100
98 6.8 3.5 10.5
100 4.1 2.0 5.8

Manual Integrations
APPROVED

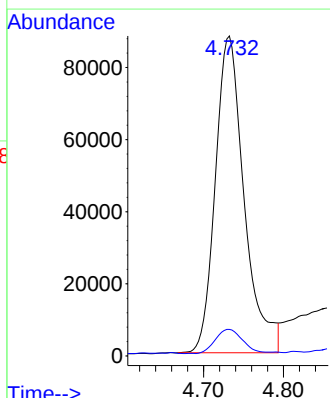
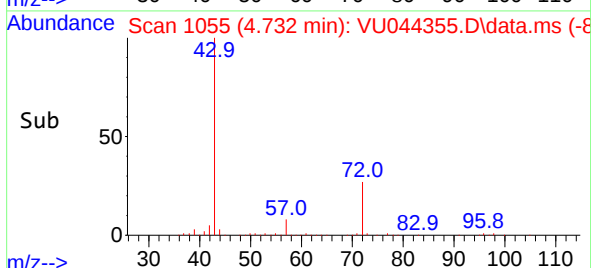
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

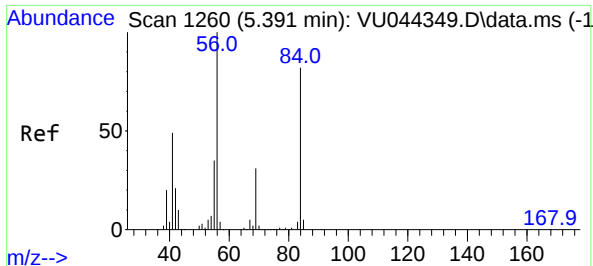


#18
2-Butanone
Concen: 58.637 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. 0.003 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20



Tgt Ion: 43 Resp: 220103
Ion Ratio Lower Upper
43 100
57 7.6 0.0 17.6





#19

Cyclohexane

Concen: 10.084 ug/l

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU044355.D

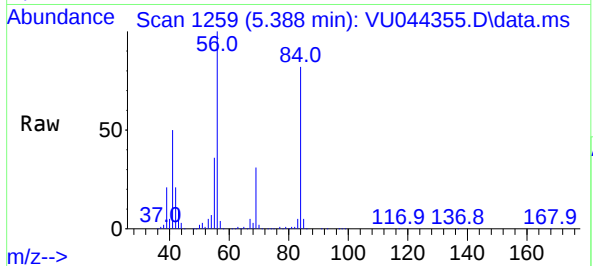
Acq: 19 Jul 2021 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



Tgt Ion: 56 Resp: 29326

Ion Ratio Lower Upper

56 100

69 33.1 26.6 40.0

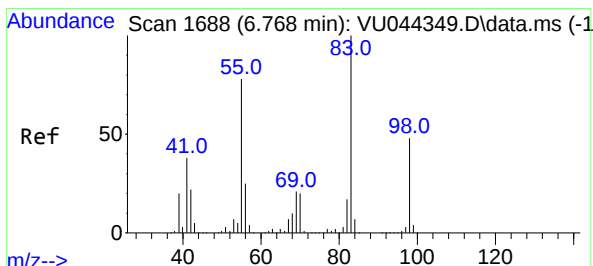
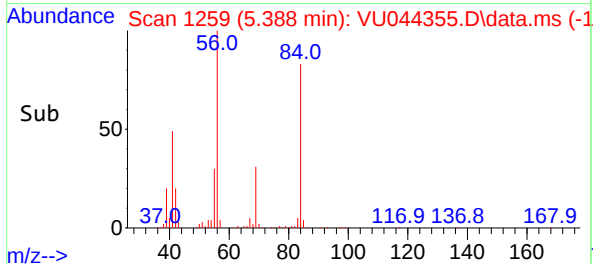
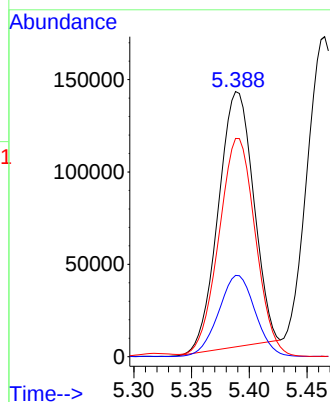
84 88.0 73.0 109.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2021

Supervised By :Mahesh Dadoda 07/23/2021



#20

Methylcyclohexane

Concen: 10.331 ug/l

RT: 6.767 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VU044355.D

Acq: 19 Jul 2021 09:20

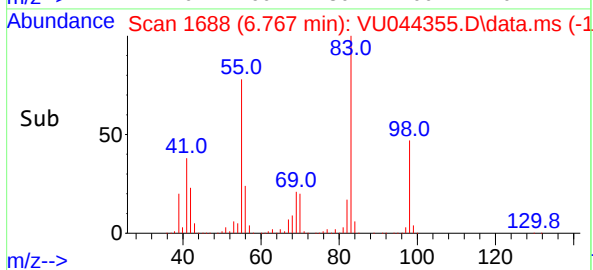
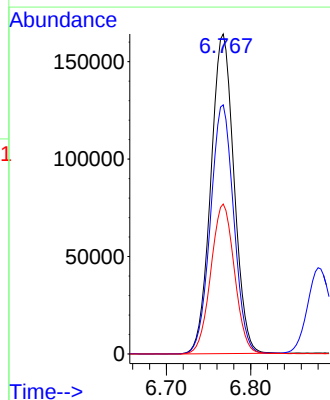
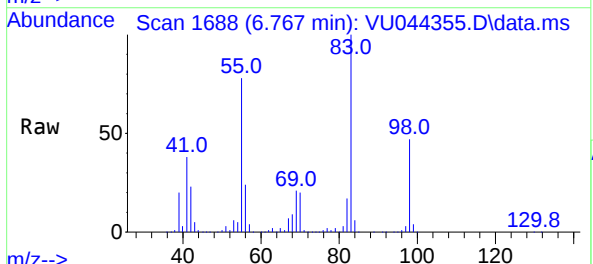
Tgt Ion: 83 Resp: 313320

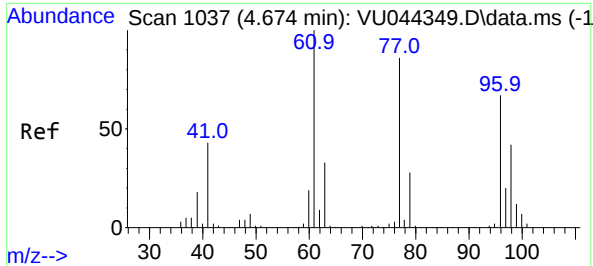
Ion Ratio Lower Upper

83 100

55 78.0 61.0 91.6

98 47.6 39.3 58.9





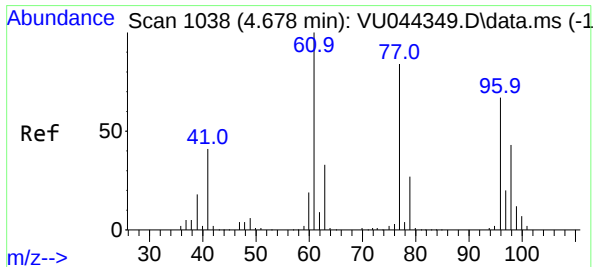
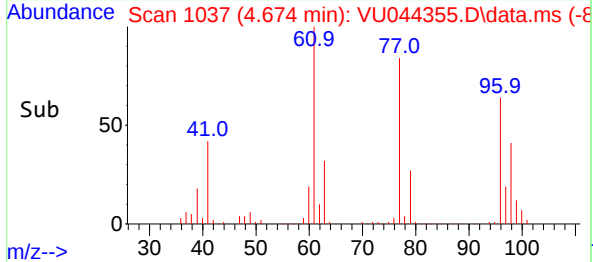
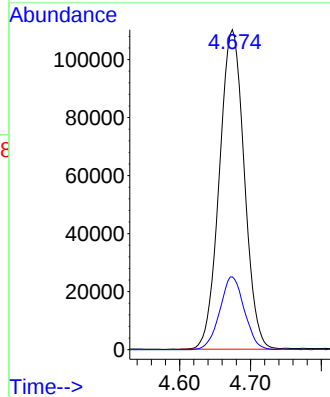
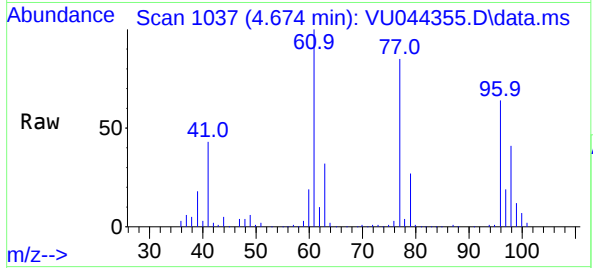
#21
2,2-Dichloropropane
Concen: 10.287 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 77 Resp: 26832
Ion Ratio Lower Upper
77 100
97 22.5 16.8 25.2

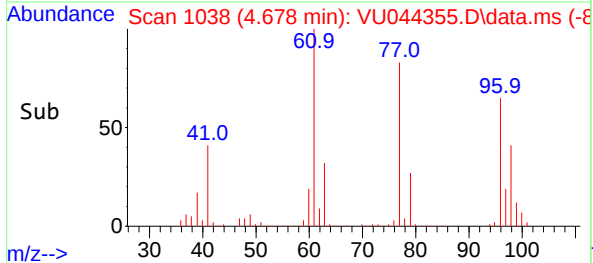
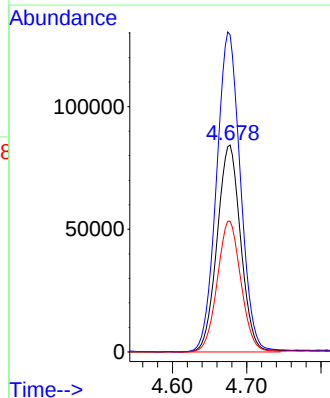
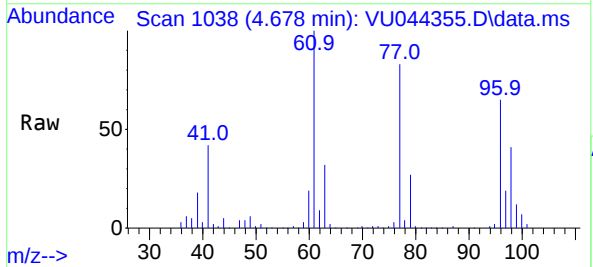
Manual Integrations
APPROVED

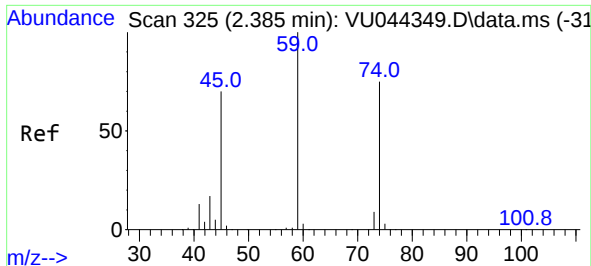
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#22
cis-1,2-Dichloroethene
Concen: 9.972 ug/l
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

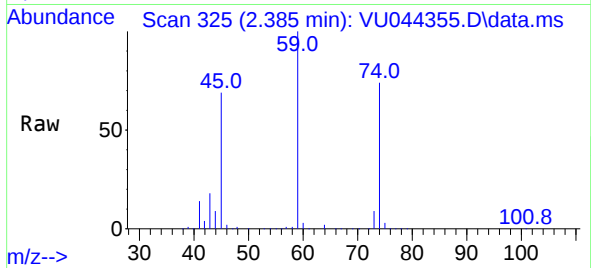
Tgt Ion: 96 Resp: 186152
Ion Ratio Lower Upper
96 100
61 156.7 0.0 407.7
98 63.6 32.5 97.4





#23
Diethyl Ether
Concen: 10.535 ug/l
RT: 2.385 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

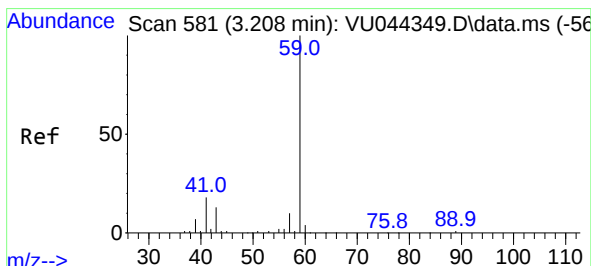
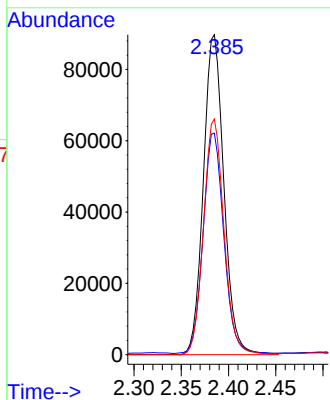
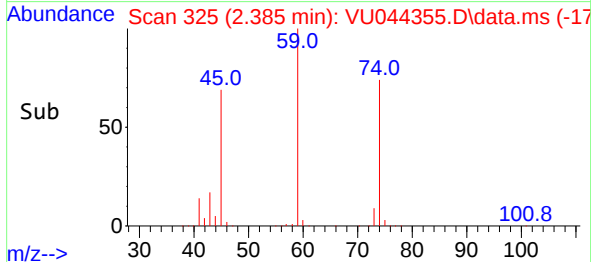
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



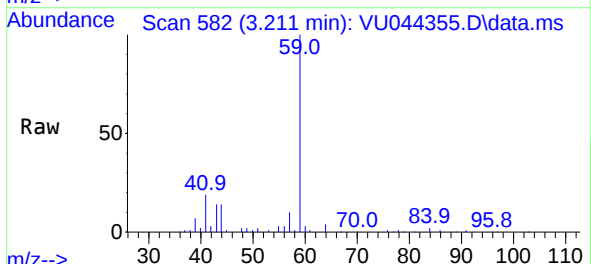
Tgt Ion: 59 Resp: 135368
Ion Ratio Lower Upper
59 100
45 69.2 55.7 83.5
74 73.3 59.7 89.5

Manual Integrations
APPROVED

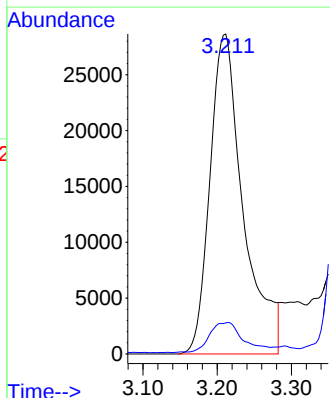
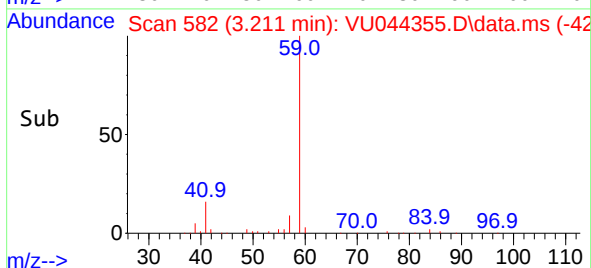
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

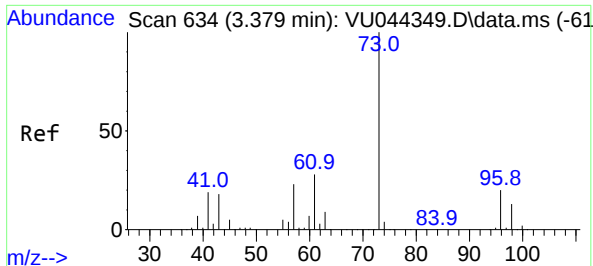


#24
tert-Butyl Alcohol
Concen: 117.033 ug/l
RT: 3.211 min Scan# 582
Delta R.T. 0.003 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20



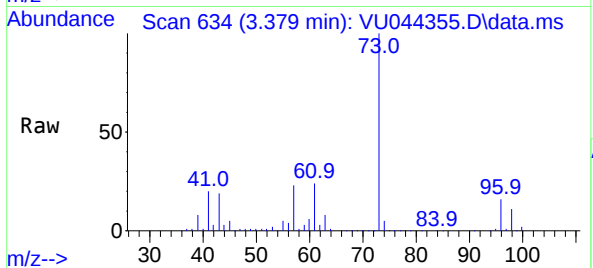
Tgt Ion: 59 Resp: 89239
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.4





#25
Methyl tert-Butyl Ether
Concen: 10.317 ug/l
RT: 3.379 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

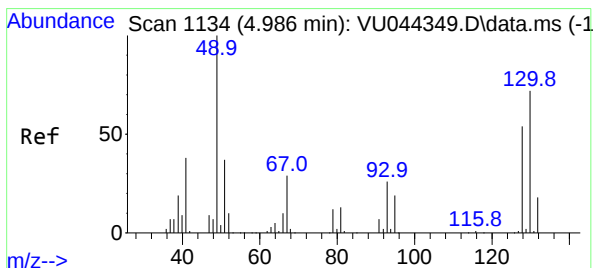
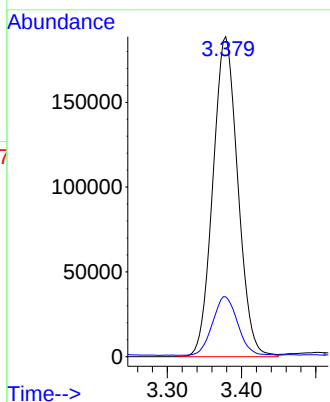
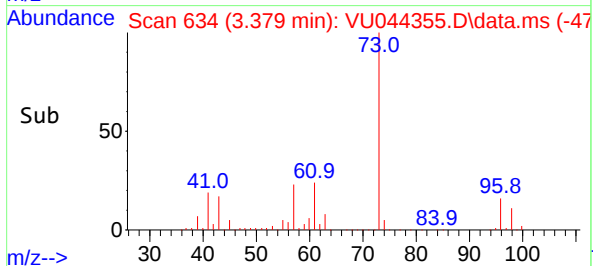
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 73 Resp: 44102
Ion Ratio Lower Upper
73 100
43 18.3 17.3 25.9

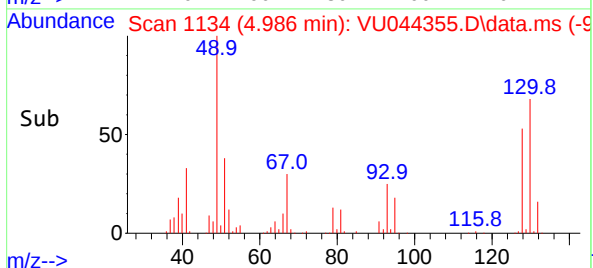
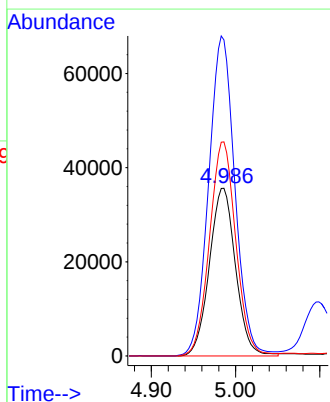
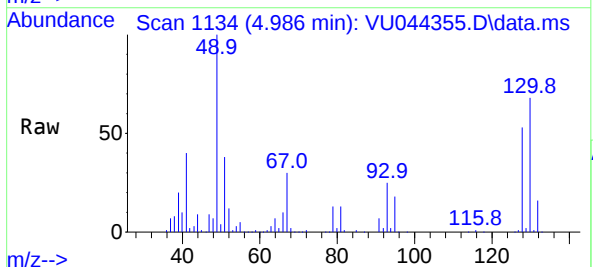
Manual Integrations
APPROVED

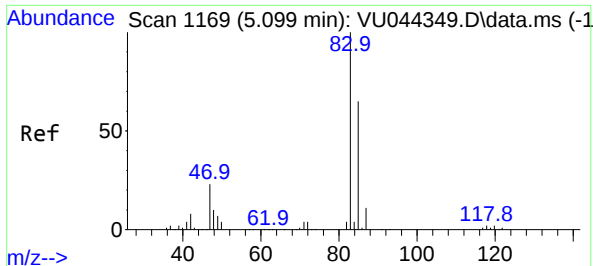
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#26
Bromochloromethane
Concen: 9.732 ug/l
RT: 4.986 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

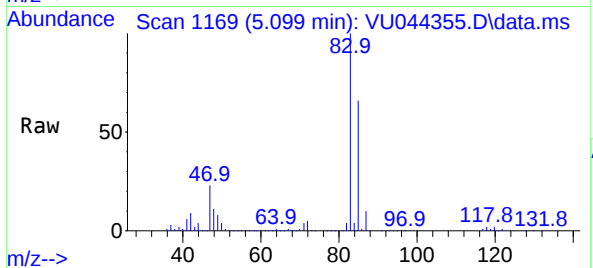
Tgt Ion:128 Resp: 76893
Ion Ratio Lower Upper
128 100
49 191.0 0.0 364.2
130 128.4 103.5 155.3





#27
Chloroform
Concen: 9.763 ug/l
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

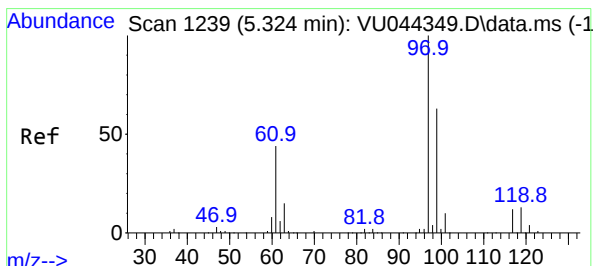
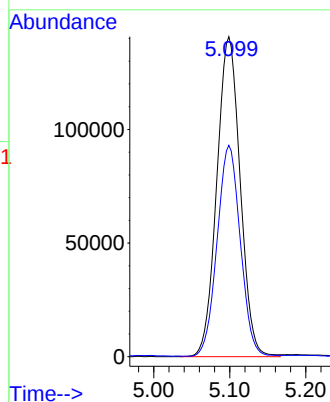
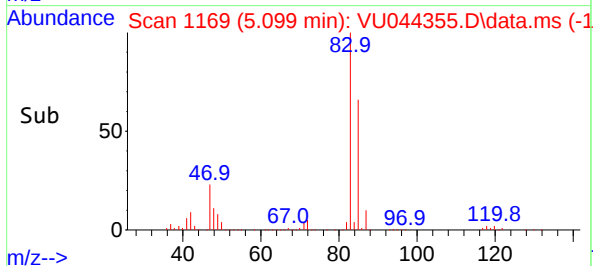
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



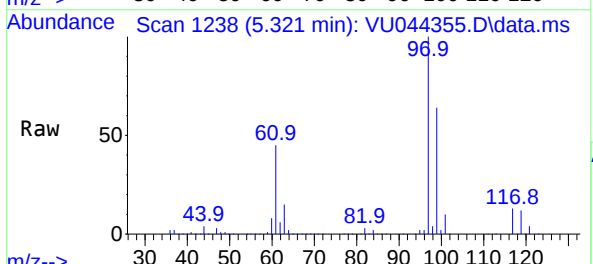
Tgt Ion: 83 Resp: 30059
Ion Ratio Lower Upper
83 100
85 65.9 0.0 127.8

Manual Integrations
APPROVED

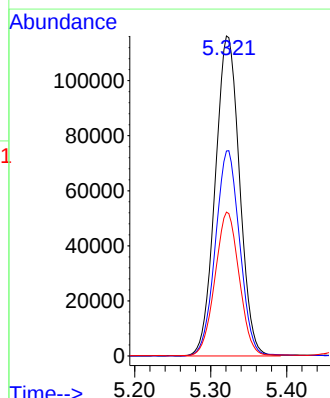
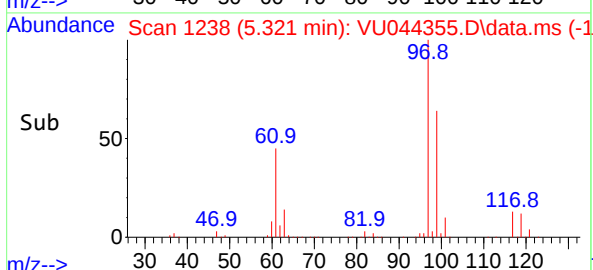
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

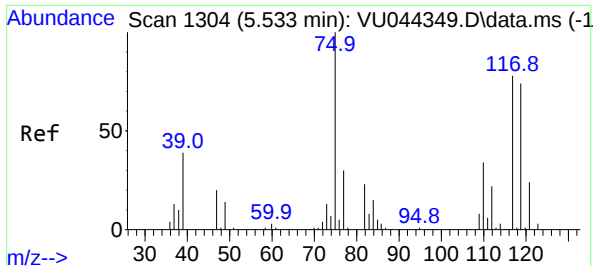


#28
1,1,1-Trichloroethane
Concen: 10.053 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20



Tgt Ion: 97 Resp: 258118
Ion Ratio Lower Upper
97 100
99 64.4 32.0 96.2
61 45.0 23.8 71.5





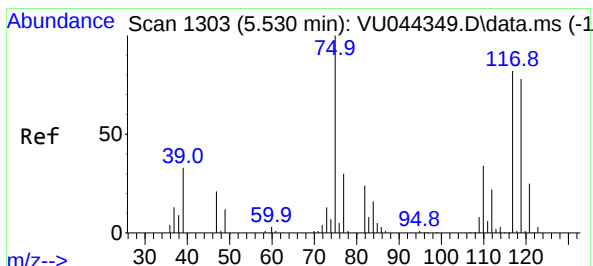
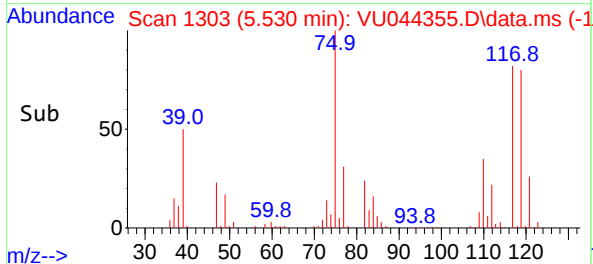
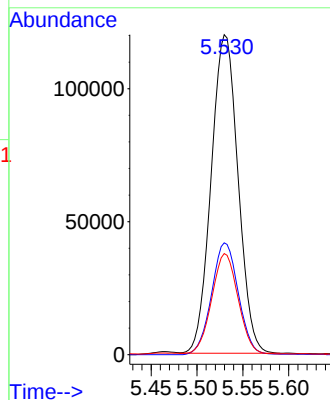
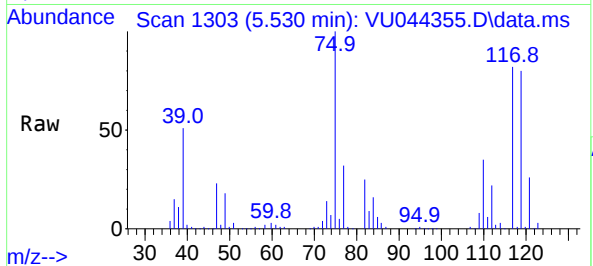
#29
1,1-Dichloropropene
Concen: 10.019 ug/l
RT: 5.530 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 24443
Ion Ratio Lower Upper
75 100
110 35.1 17.3 51.9
77 30.8 24.6 37.0

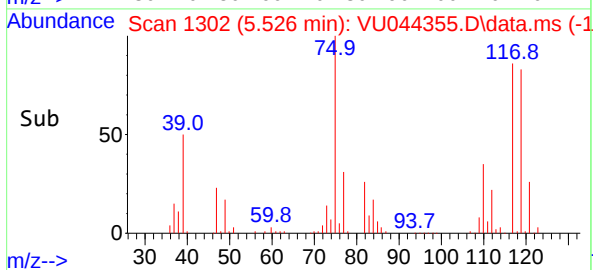
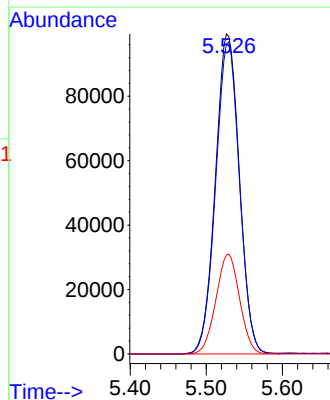
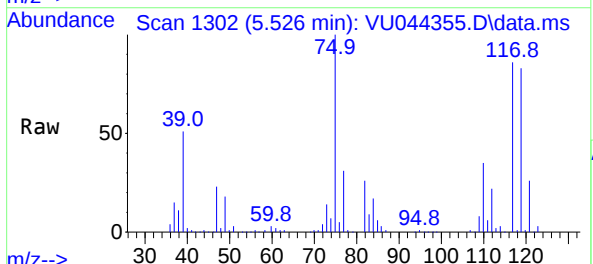
Manual Integrations
APPROVED

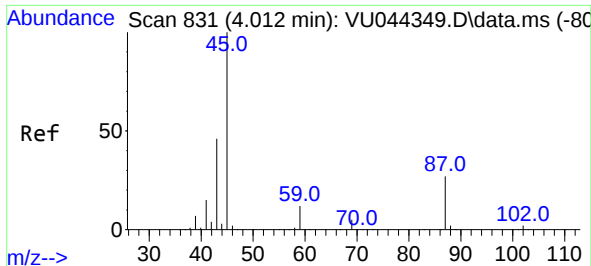
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#30
Carbon Tetrachloride
Concen: 10.145 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

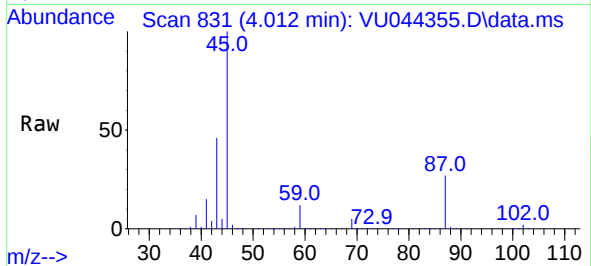
Tgt Ion:117 Resp: 217189
Ion Ratio Lower Upper
117 100
119 96.8 77.0 115.6
121 30.9 24.2 36.4





#31
Isopropyl Ether
Concen: 10.464 ug/l
RT: 4.012 min Scan# 831
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

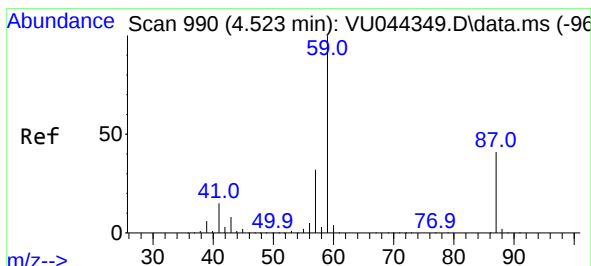
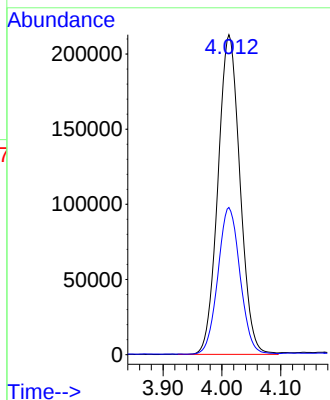
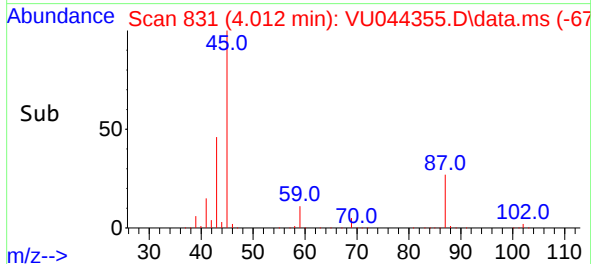
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



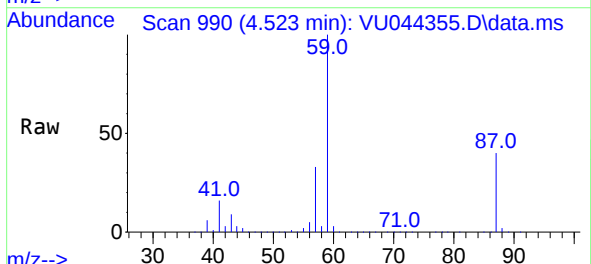
Tgt Ion: 45 Resp: 553802
Ion Ratio Lower Upper
45 100
43 46.0 24.9 74.6

Manual Integrations
APPROVED

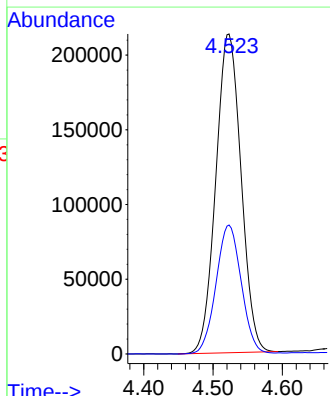
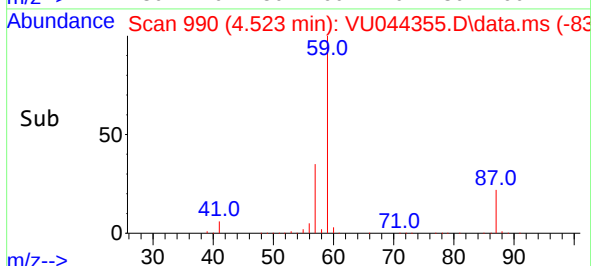
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

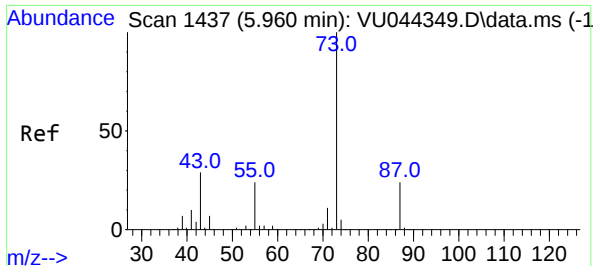


#32
Ethyl-t-butyl ether
Concen: 10.345 ug/l
RT: 4.523 min Scan# 990
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20



Tgt Ion: 59 Resp: 539875
Ion Ratio Lower Upper
59 100
87 40.1 31.3 46.9





#33
Tert-Amyl methyl ether
Concen: 10.088 ug/l
RT: 5.960 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

Instrument :

MSVOA_U

ClientSampleId :

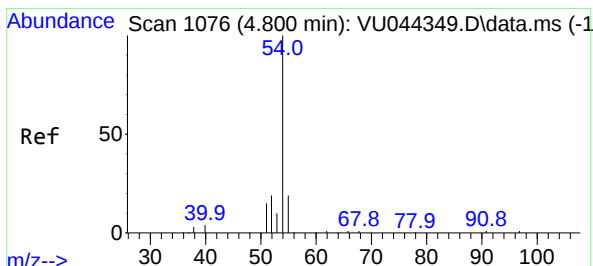
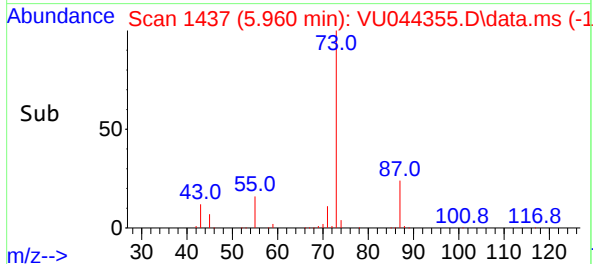
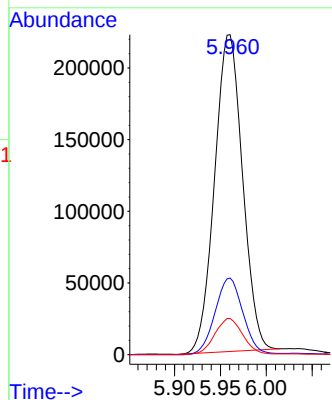
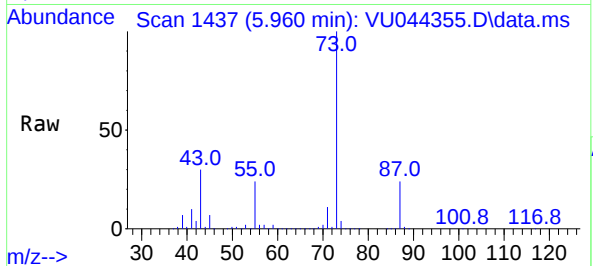
VSTDCCC010

Tgt Ion: 73 Resp: 468169
Ion Ratio Lower Upper
73 100
87 23.7 19.8 29.6
71 11.2 9.1 13.7

Manual Integrations

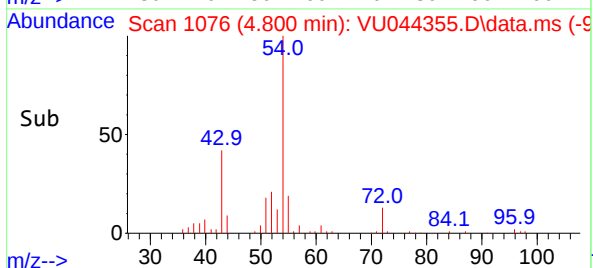
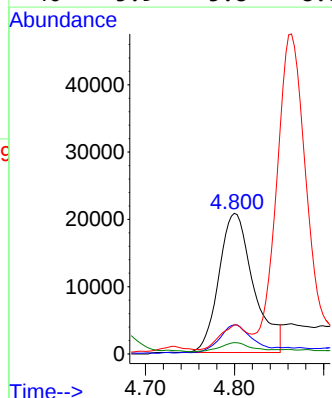
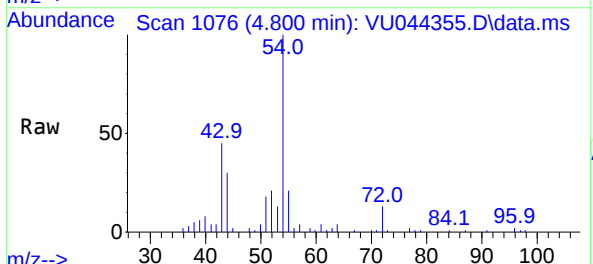
APPROVED

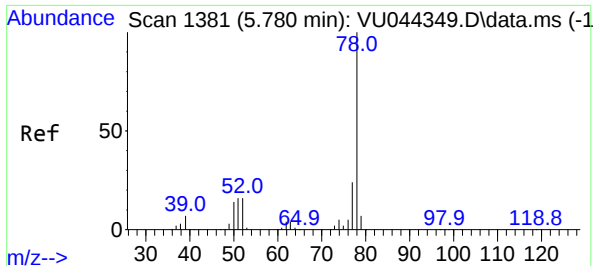
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#34
Propionitrile
Concen: 52.816 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

Tgt Ion: 54 Resp: 56117
Ion Ratio Lower Upper
54 100
52 18.2 16.3 24.5
55 13.6 10.7 16.1
40 5.9 5.8 8.8





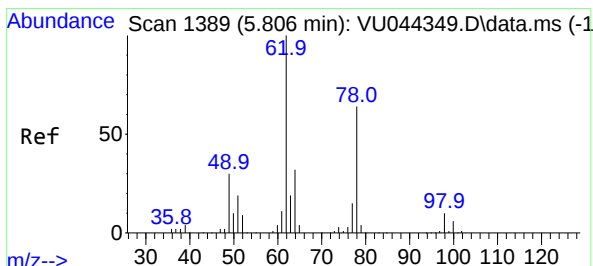
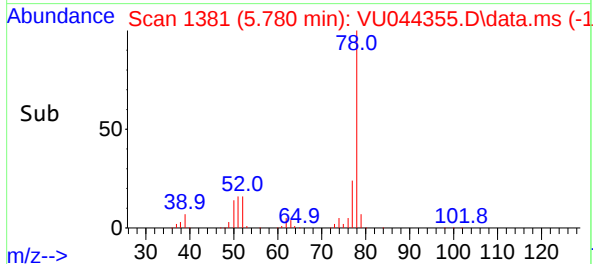
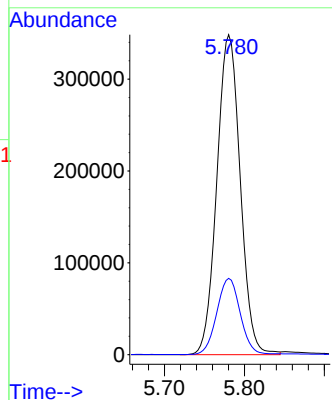
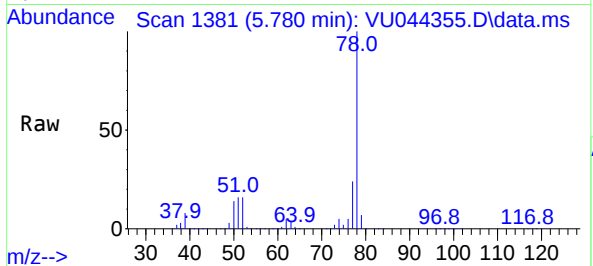
#35
Benzene
Concen: 9.967 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 78 Resp: 706680
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

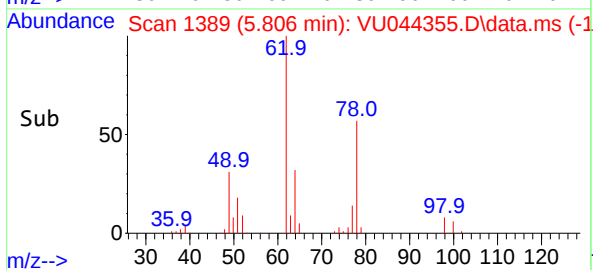
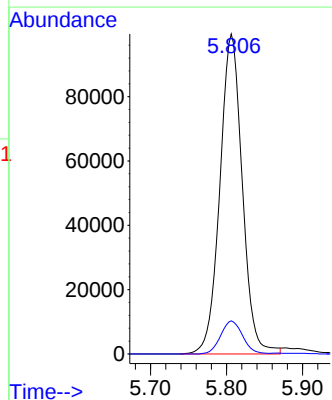
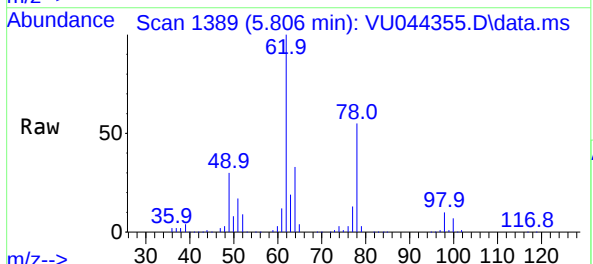
Manual Integrations
APPROVED

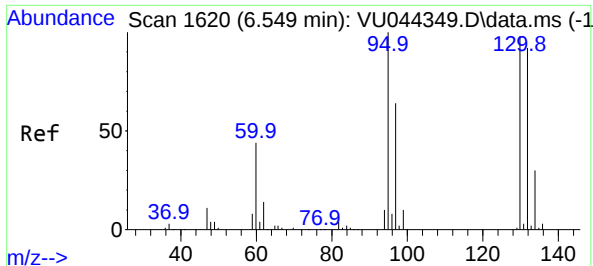
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#36
1,2-Dichloroethane
Concen: 10.016 ug/l
RT: 5.806 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

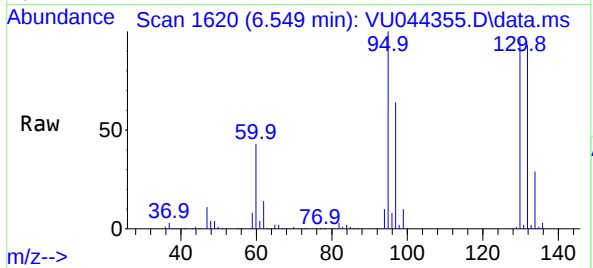
Tgt Ion: 62 Resp: 203804
Ion Ratio Lower Upper
62 100
98 10.2 7.0 10.6





#37
Trichloroethene
Concen: 10.051 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

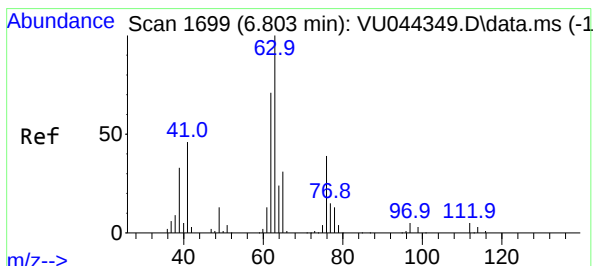
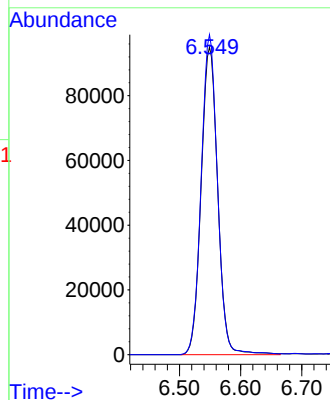
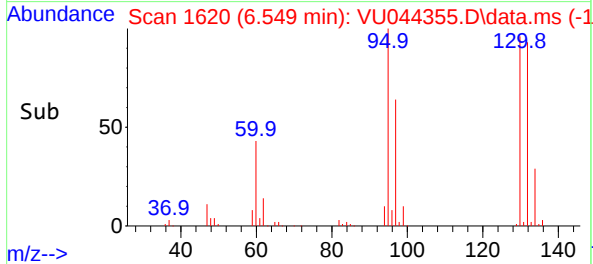
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



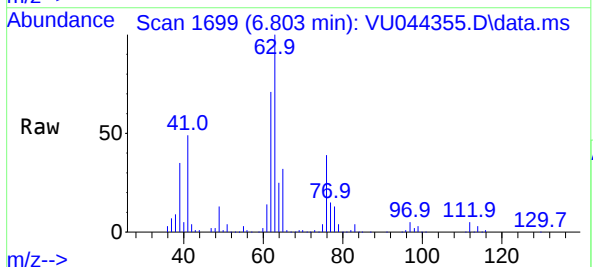
Tgt Ion:130 Resp: 17911
Ion Ratio Lower Upper
130 100
95 104.0 77.8 116.6

Manual Integrations
APPROVED

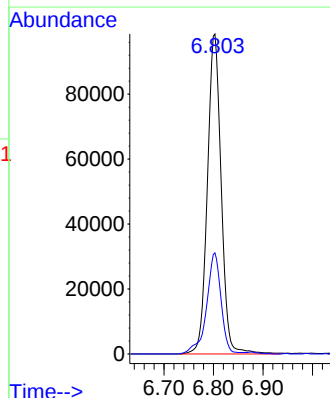
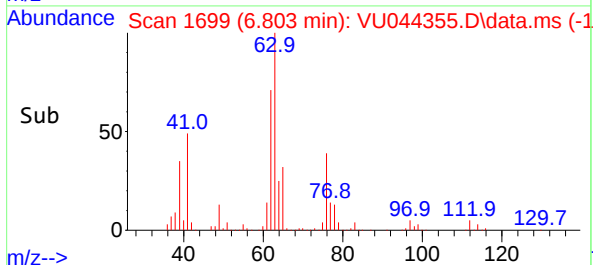
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

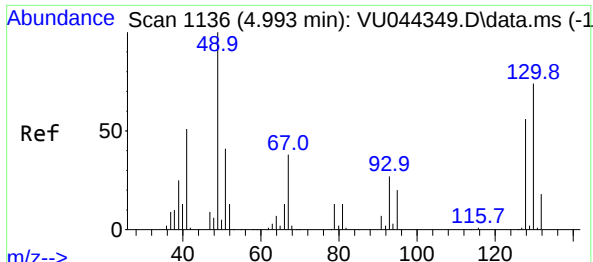


#38
1,2-Dichloropropane
Concen: 10.149 ug/l
RT: 6.803 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20



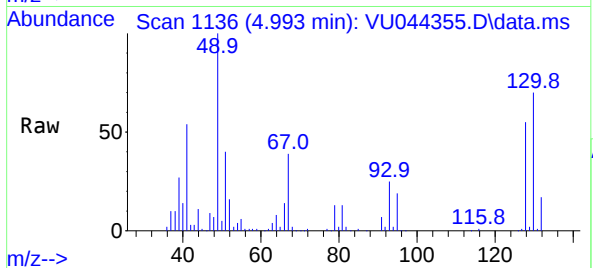
Tgt Ion: 63 Resp: 190463
Ion Ratio Lower Upper
63 100
65 31.6 24.7 37.1





#39
Methacrylonitrile
Concen: 10.959 ug/l
RT: 4.993 min Scan# 1136
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

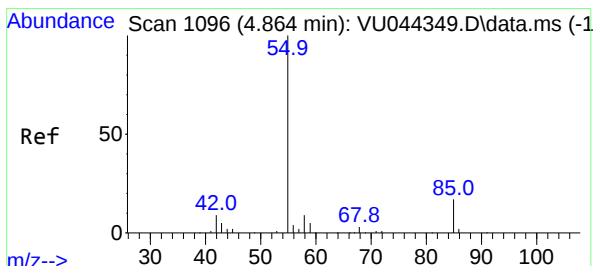
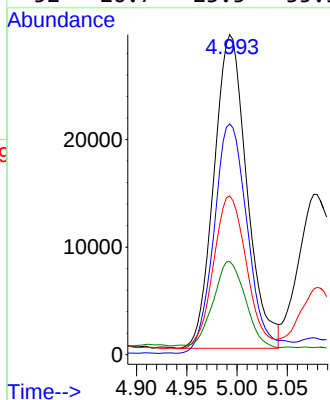
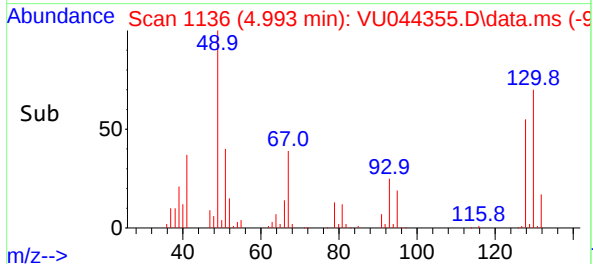
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



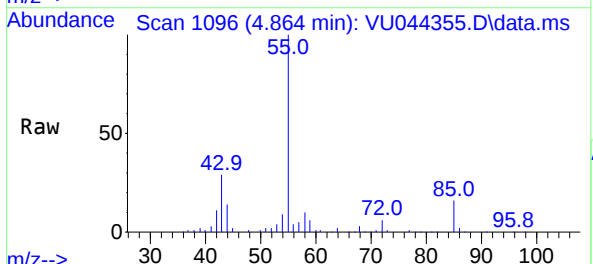
Tgt Ion: 41 Resp: 6638
Ion Ratio Lower Upper
41 100
67 75.9 60.6 91.0
39 48.9 43.9 65.9
52 26.7 23.5 35.3

Manual Integrations
APPROVED

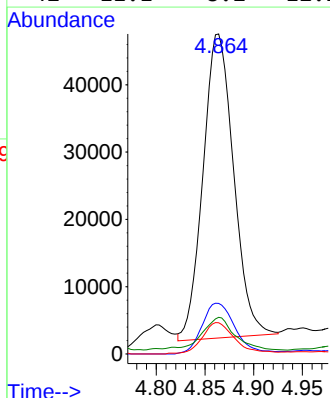
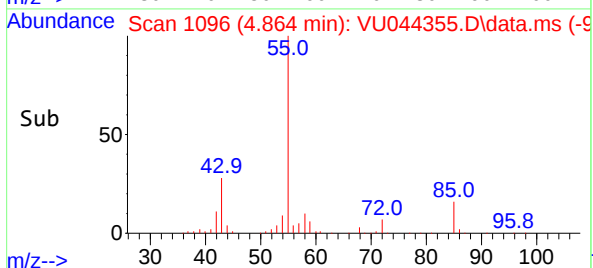
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

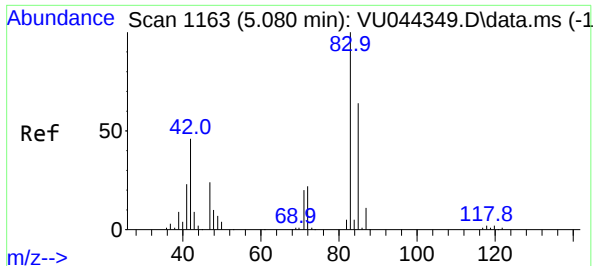


#40
Methyl acrylate
Concen: 10.493 ug/l
RT: 4.864 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20



Tgt Ion: 55 Resp: 98899
Ion Ratio Lower Upper
55 100
85 18.1 14.6 21.8
58 11.1 9.0 13.4
42 11.1 8.2 12.2





#41

Tetrahydrofuran

Concen: 20.779 ug/l

RT: 5.079 min Scan# 1163

Delta R.T. -0.000 min

Lab File: VU044355.D

Acq: 19 Jul 2021 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 42 Resp: 5970

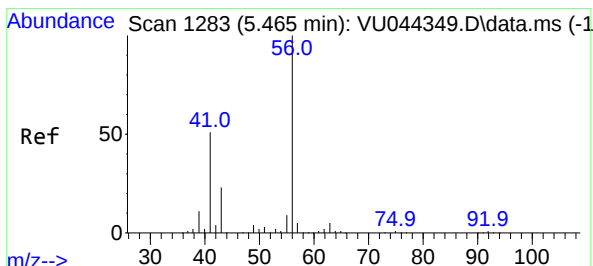
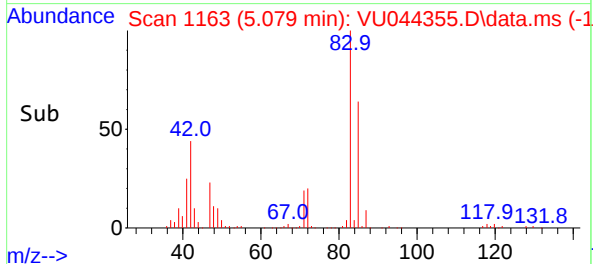
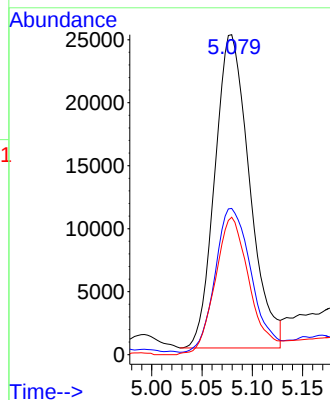
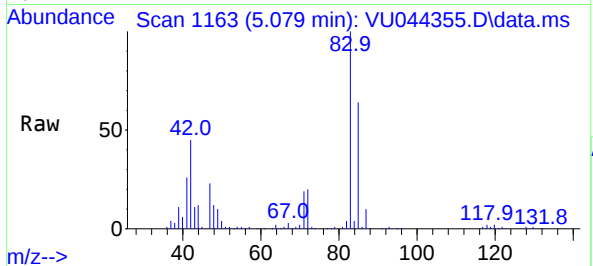
Ion	Ratio	Lower	Upper
42	100		
72	48.1	39.8	59.6
71	43.6	34.4	51.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2021

Supervised By :Mahesh Dadoda 07/23/2021



#42

1-Chlorobutane

Concen: 10.211 ug/l

RT: 5.465 min Scan# 1283

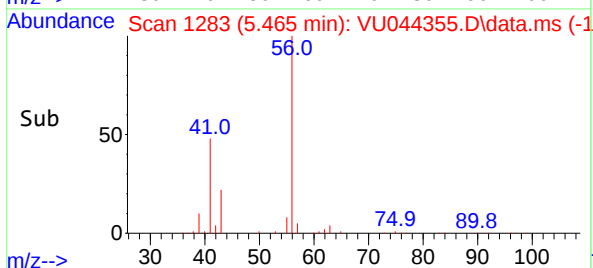
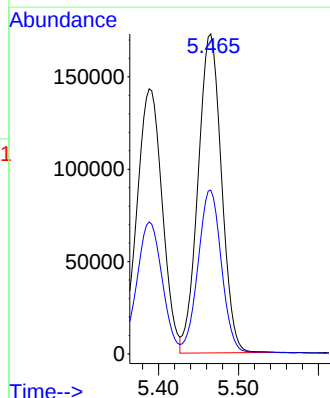
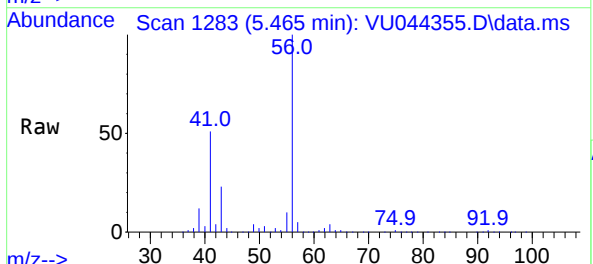
Delta R.T. -0.000 min

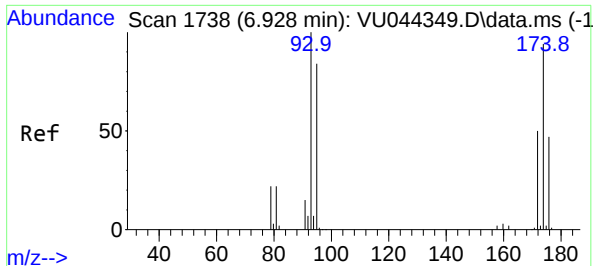
Lab File: VU044355.D

Acq: 19 Jul 2021 09:20

Tgt Ion: 56 Resp: 352058

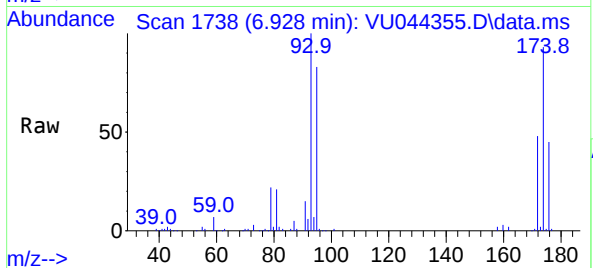
Ion	Ratio	Lower	Upper
56	100		
41	51.1	27.4	82.0





#43
Dibromomethane
Concen: 10.291 ug/l
RT: 6.928 min Scan# 1738
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

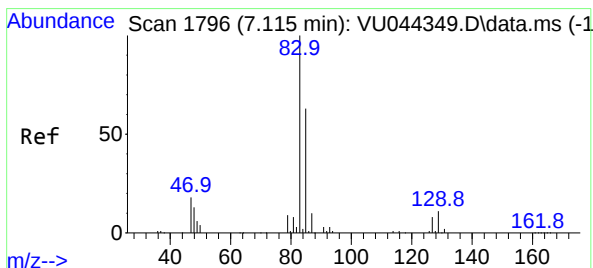
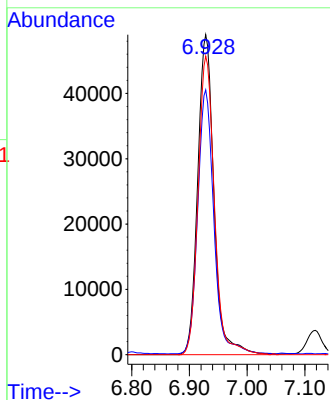
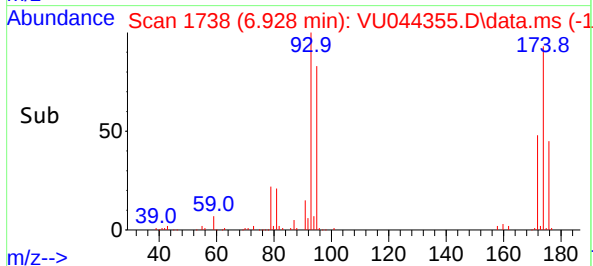
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



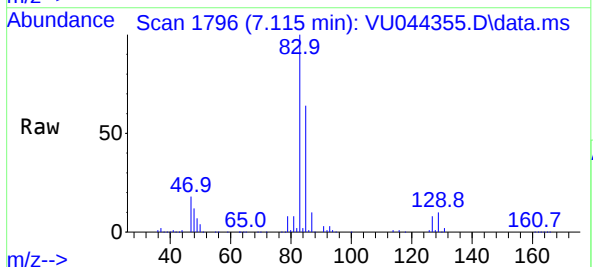
Tgt Ion: 93 Resp: 9578
Ion Ratio Lower Upper
93 100
95 82.4 65.2 97.8
174 93.6 78.2 117.4

Manual Integrations
APPROVED

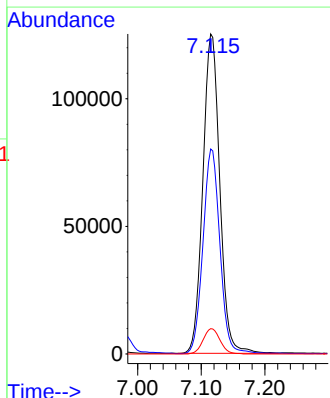
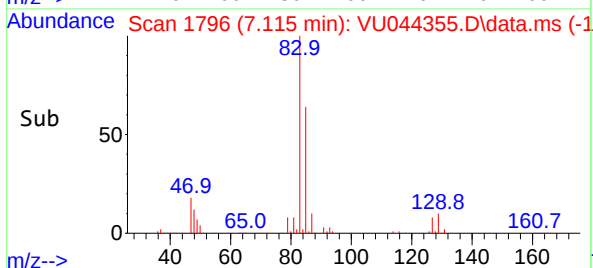
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

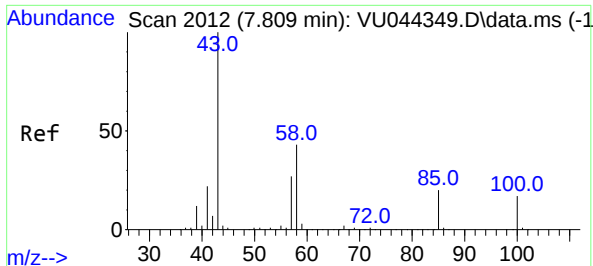


#44
Bromodichloromethane
Concen: 10.472 ug/l
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20



Tgt Ion: 83 Resp: 231248
Ion Ratio Lower Upper
83 100
85 64.1 51.3 76.9
127 7.9 7.3 10.9





#45
4-Methyl-2-Pentanone
Concen: 52.034 ug/l
RT: 7.809 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

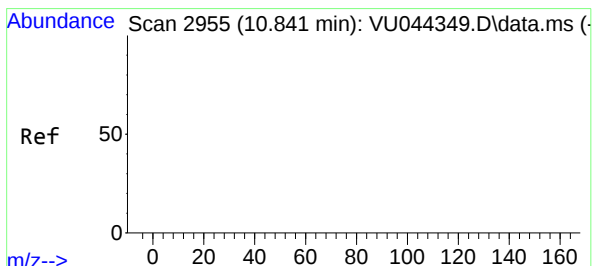
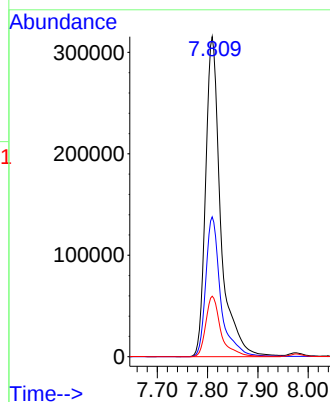
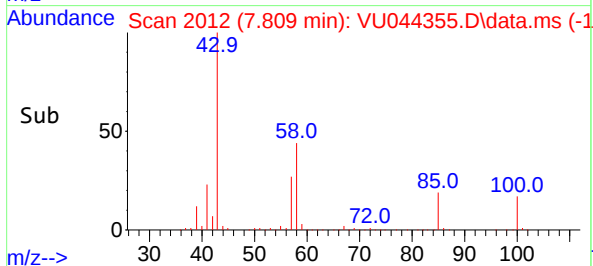
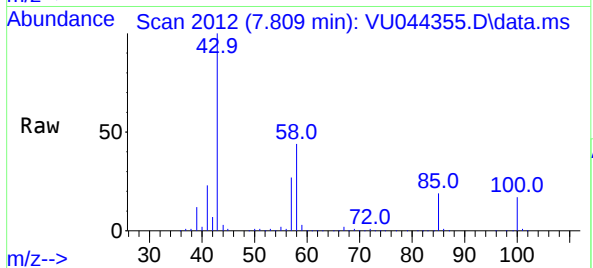
Tgt Ion: 43 Resp: 65798
Ion Ratio Lower Upper
43 100
58 43.5 19.8 59.3
85 19.0 14.6 21.8

Manual Integrations

APPROVED

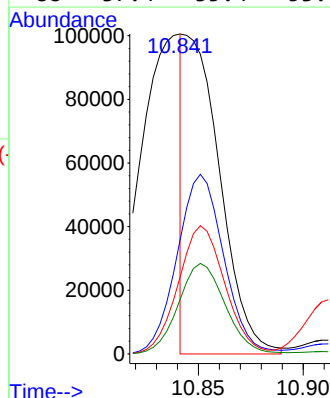
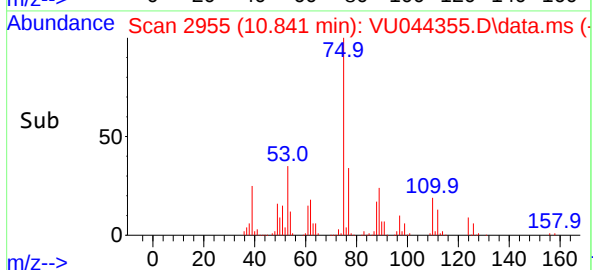
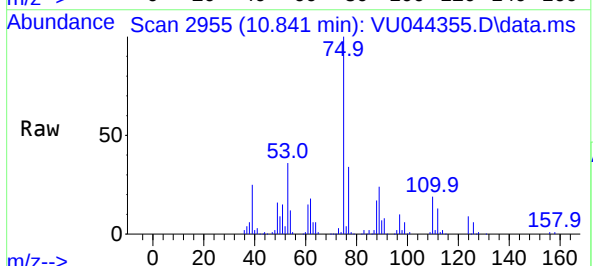
Reviewed By :John Carlone 07/20/2021

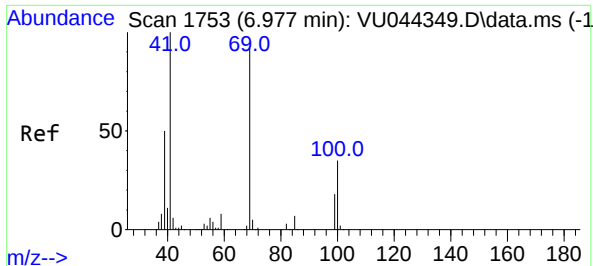
Supervised By :Mahesh Dadoda 07/23/2021



#46
t-1,4-Dichloro-2-butene
Concen: 22.152 ug/l m
RT: 10.841 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

Tgt Ion: 75 Resp: 118696
Ion Ratio Lower Upper
75 100
53 73.8 63.7 95.5
89 52.8 44.6 67.0
88 37.4 35.4 53.0





#47

Methyl methacrylate

Concen: 20.598 ug/l

RT: 6.976 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU044355.D

Acq: 19 Jul 2021 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 211958

Ion Ratio Lower Upper

69 100

41 110.1 0.0 232.2

39 56.2 57.5 86.3

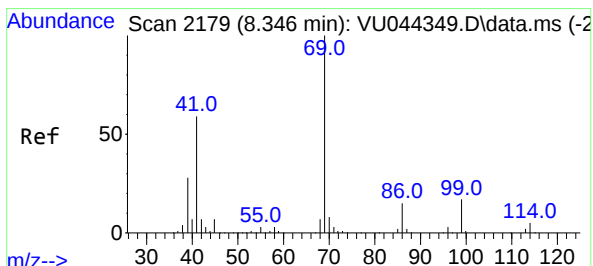
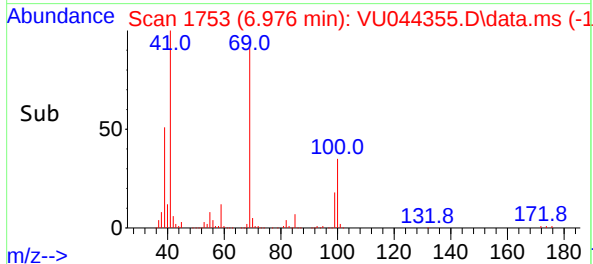
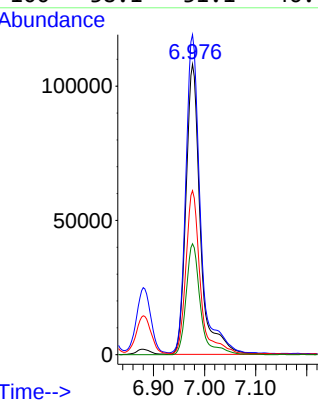
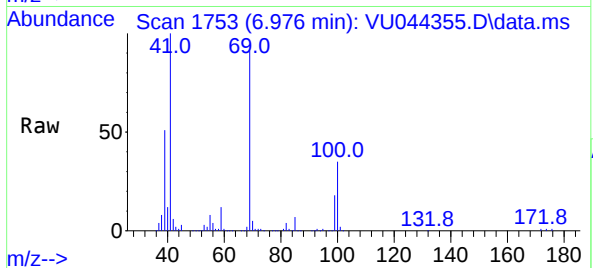
100 38.1 31.1 46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2021

Supervised By :Mahesh Dadoda 07/23/2021



#48

Ethyl methacrylate

Concen: 10.319 ug/l

RT: 8.346 min Scan# 2179

Delta R.T. -0.000 min

Lab File: VU044355.D

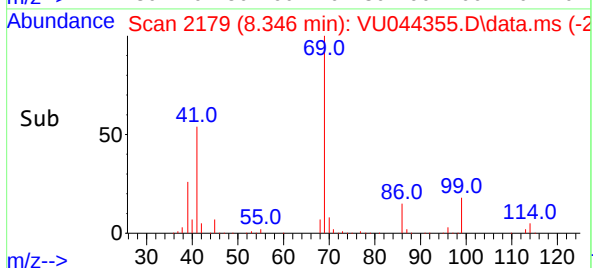
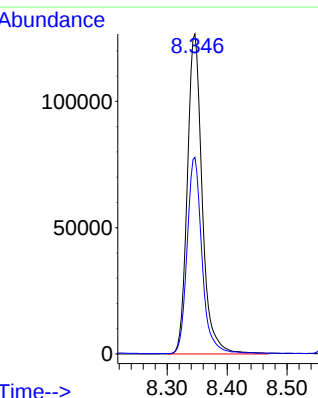
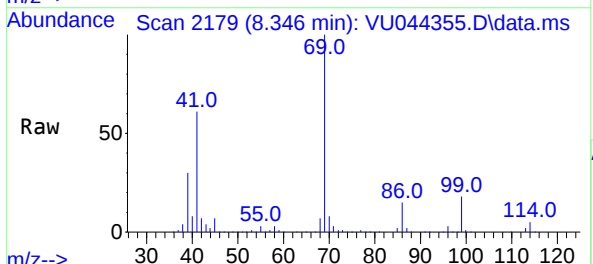
Acq: 19 Jul 2021 09:20

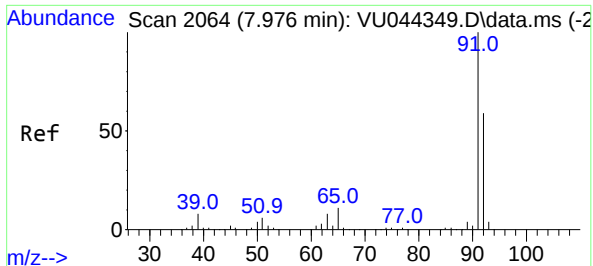
Tgt Ion: 69 Resp: 219267

Ion Ratio Lower Upper

69 100

41 61.1 33.1 99.5





#49

Toluene

Concen: 10.257 ug/l

RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU044355.D

Acq: 19 Jul 2021 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 92 Resp: 457459

Ion Ratio Lower Upper

92 100

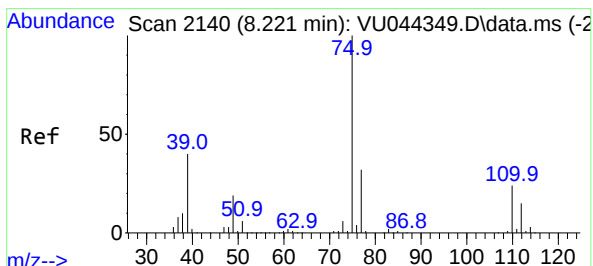
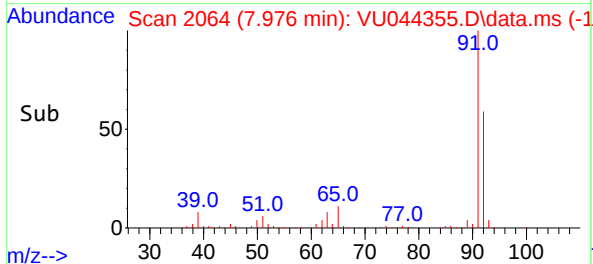
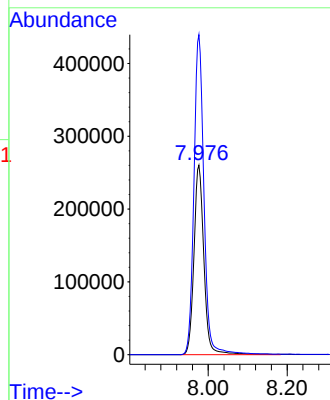
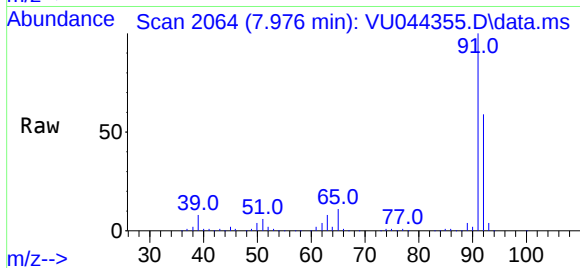
91 169.8 137.0 205.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2021

Supervised By :Mahesh Dadoda 07/23/2021



#50

t-1,3-Dichloropropene

Concen: 10.761 ug/l

RT: 8.221 min Scan# 2140

Delta R.T. -0.000 min

Lab File: VU044355.D

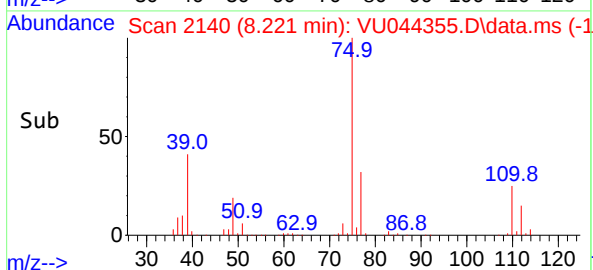
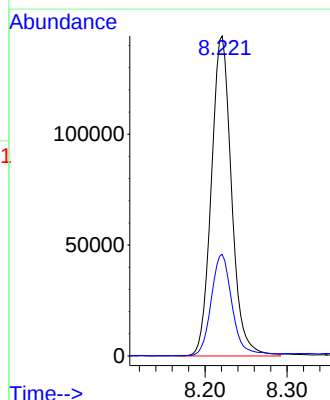
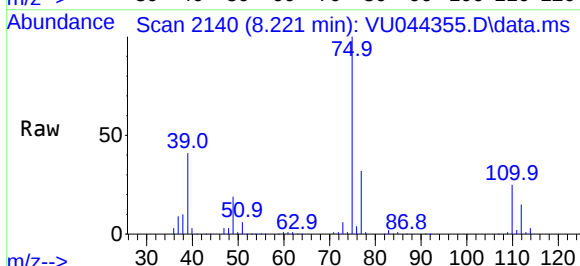
Acq: 19 Jul 2021 09:20

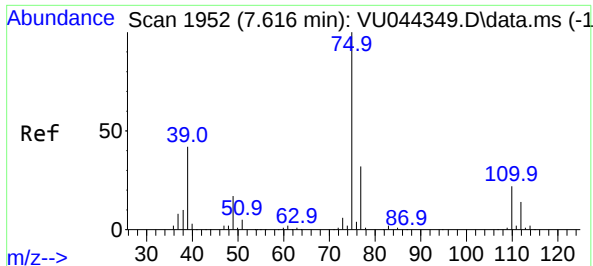
Tgt Ion: 75 Resp: 246776

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2





#51
cis-1,3-Dichloropropene
Concen: 10.579 ug/l
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

Instrument :

MSVOA_U

ClientSampleId :

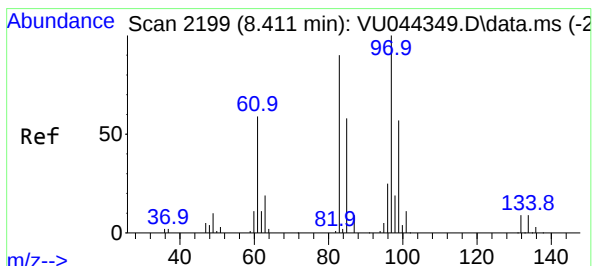
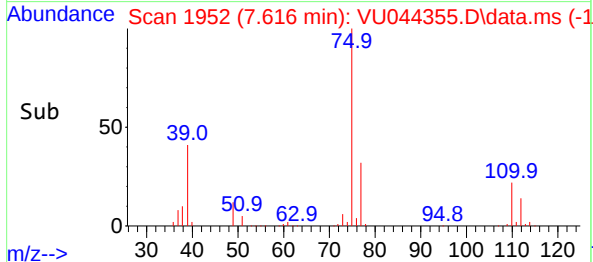
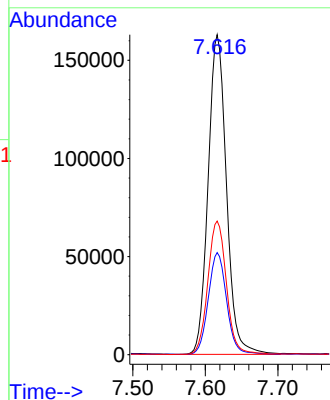
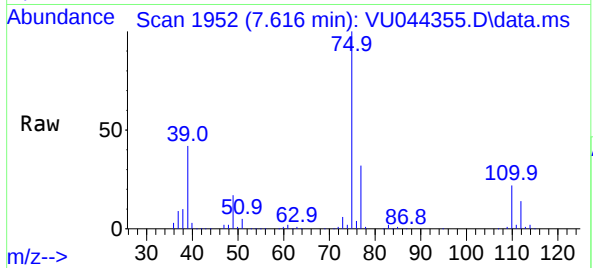
VSTDCCC010

Tgt Ion: 75 Resp: 286190
Ion Ratio Lower Upper
75 100
77 31.8 24.3 36.5
39 41.7 38.5 57.7

Manual Integrations

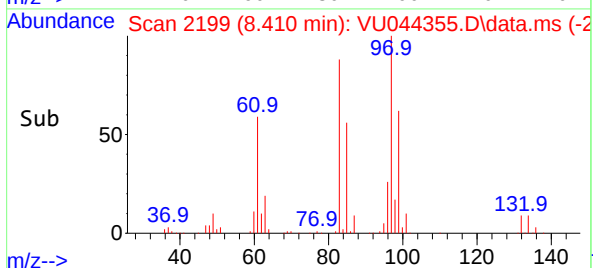
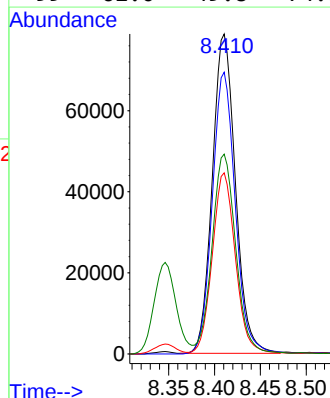
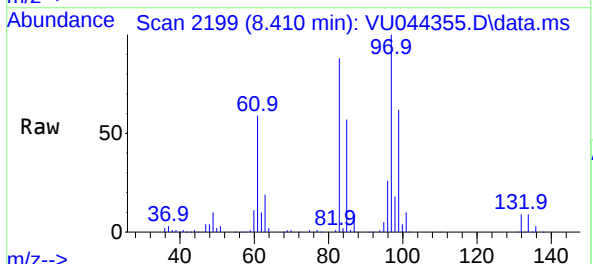
APPROVED

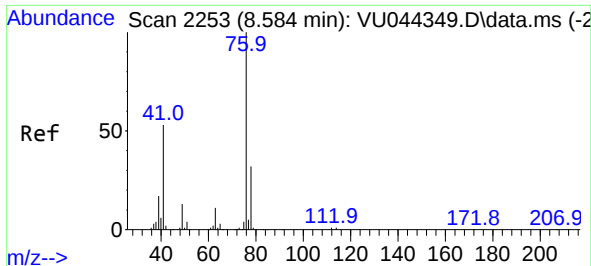
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#52
1,1,2-Trichloroethane
Concen: 10.081 ug/l
RT: 8.410 min Scan# 2199
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

Tgt Ion: 97 Resp: 138258
Ion Ratio Lower Upper
97 100
83 88.2 68.2 102.2
85 56.3 44.0 66.0
99 62.0 49.8 74.8





#53

1,3-Dichloropropane

Concen: 10.151 ug/l

RT: 8.584 min Scan# 2253

Delta R.T. -0.000 min

Lab File: VU044355.D

Acq: 19 Jul 2021 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 255719

Ion Ratio Lower Upper

76 100

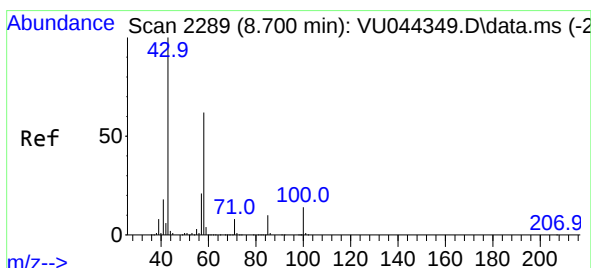
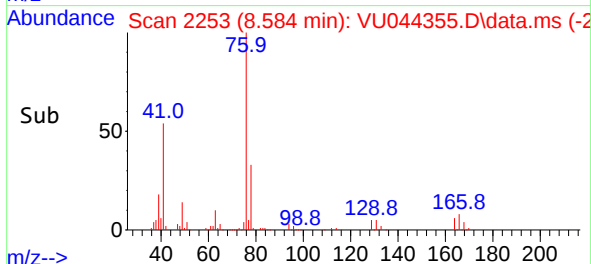
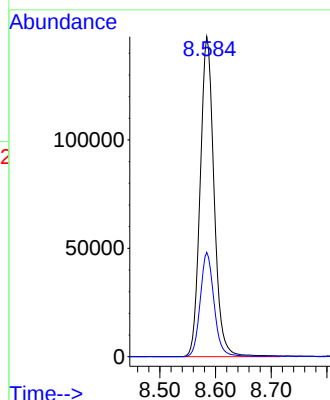
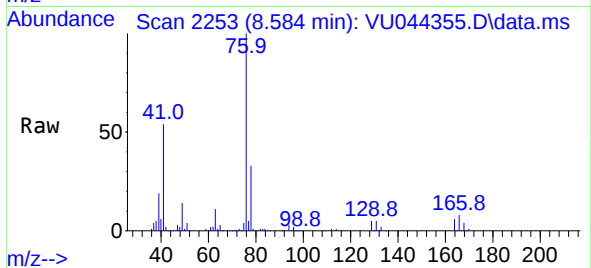
78 32.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2021

Supervised By :Mahesh Dadoda 07/23/2021



#54

2-Hexanone

Concen: 53.573 ug/l

RT: 8.700 min Scan# 2289

Delta R.T. -0.000 min

Lab File: VU044355.D

Acq: 19 Jul 2021 09:20

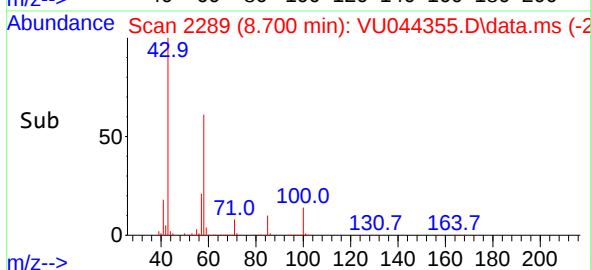
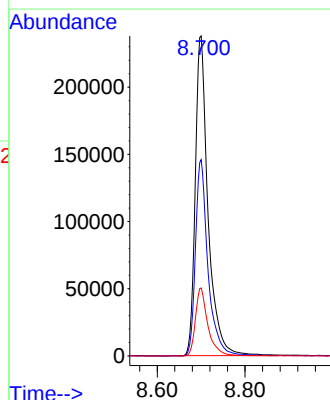
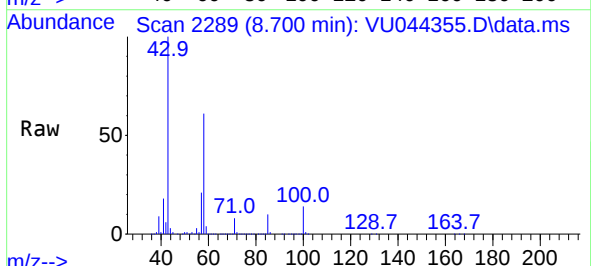
Tgt Ion: 43 Resp: 481891

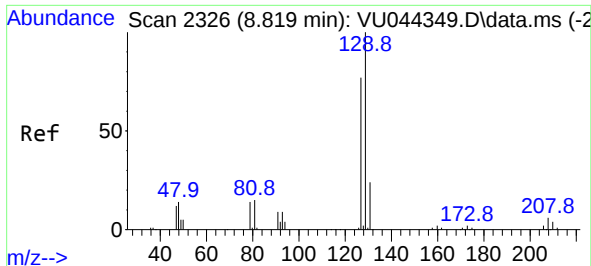
Ion Ratio Lower Upper

43 100

58 60.4 34.4 74.4

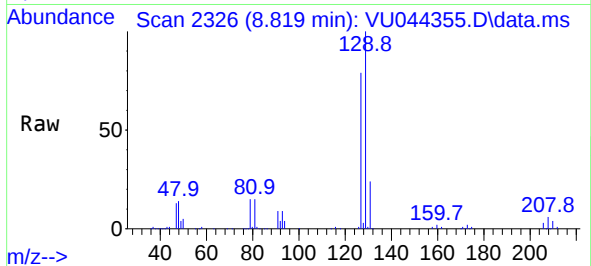
57 20.7 0.0 39.5





#55
Dibromochloromethane
Concen: 10.531 ug/l
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

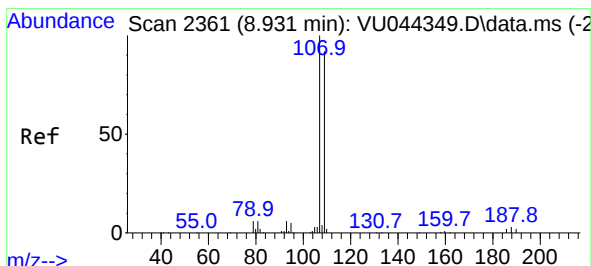
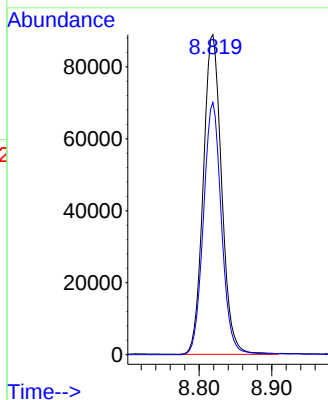
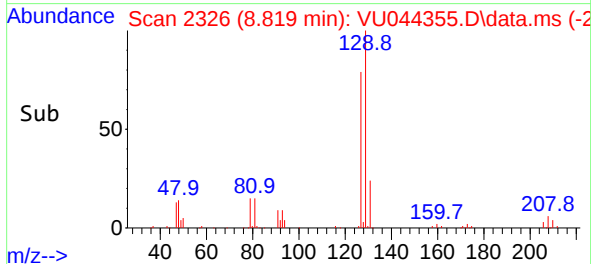
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



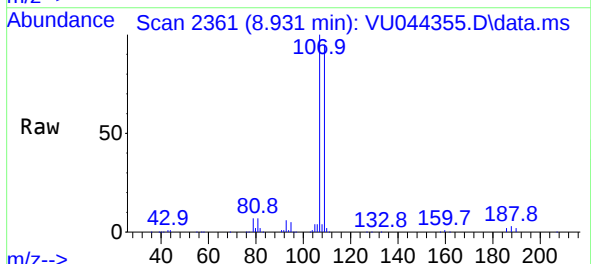
Tgt Ion:129 Resp: 156380
Ion Ratio Lower Upper
129 100
127 77.3 61.8 92.8

Manual Integrations
APPROVED

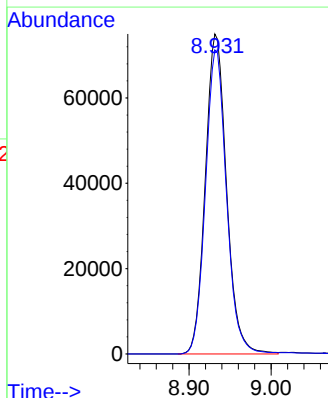
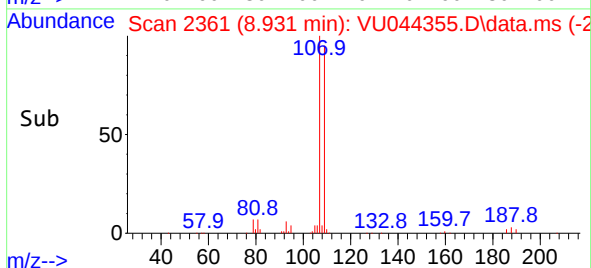
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

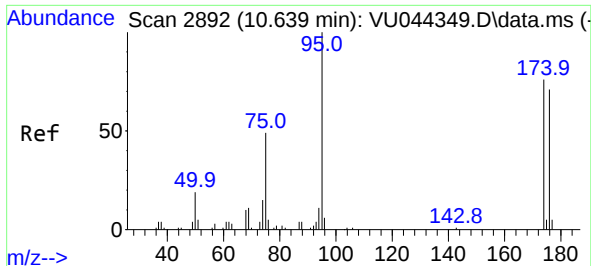


#56
1,2-Dibromoethane
Concen: 10.045 ug/l
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20



Tgt Ion:107 Resp: 134652
Ion Ratio Lower Upper
107 100
109 94.2 0.0 189.0





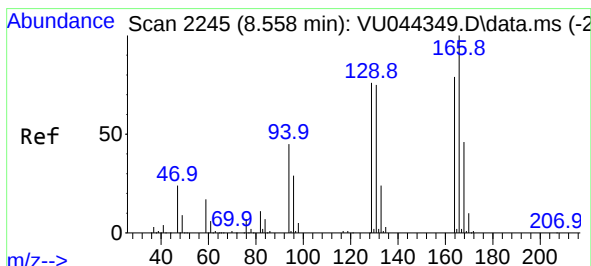
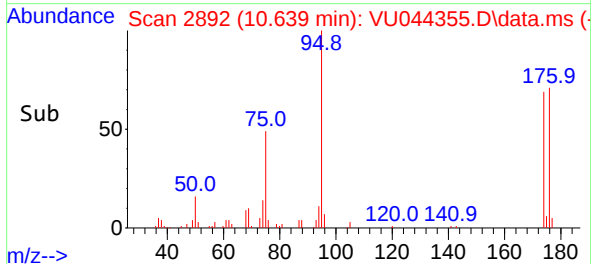
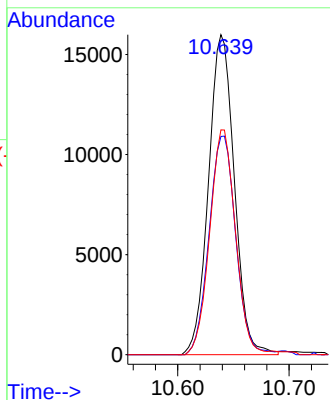
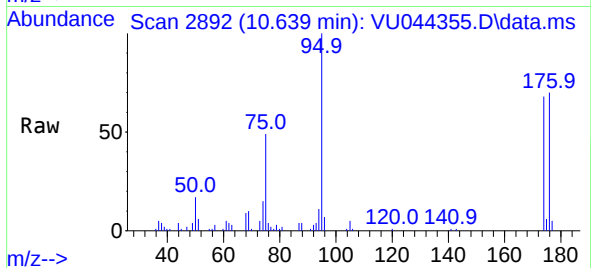
#57
4-Bromofluorobenzene
Concen: 1.065 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 95 Resp: 25774
Ion Ratio Lower Upper
95 100
174 70.6 62.2 93.2
176 69.8 60.3 90.5

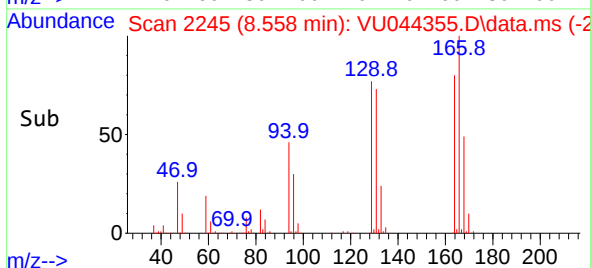
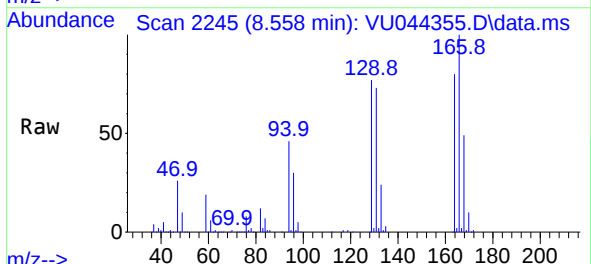
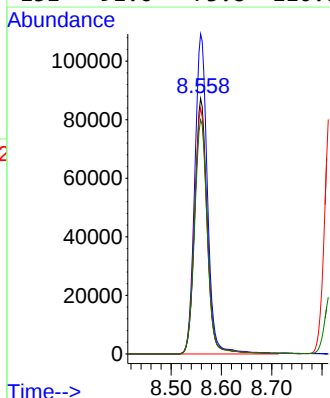
Manual Integrations
APPROVED

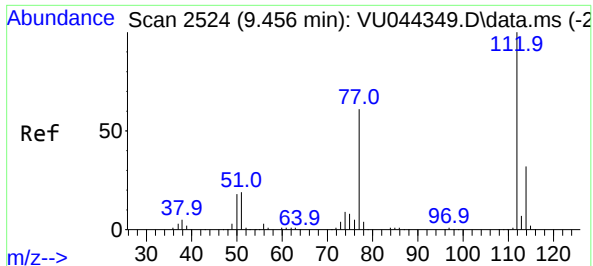
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#58
Tetrachloroethene
Concen: 10.060 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

Tgt Ion:164 Resp: 152172
Ion Ratio Lower Upper
164 100
166 125.2 100.2 150.4
129 96.2 76.3 114.5
131 91.6 73.8 110.8





#59

Chlorobenzene

Concen: 10.110 ug/l

RT: 9.452 min Scan# 2524

Delta R.T. -0.003 min

Lab File: VU044355.D

Acq: 19 Jul 2021 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:112 Resp: 47673

Ion Ratio Lower Upper

112 100

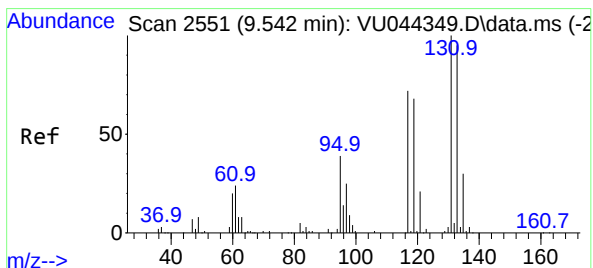
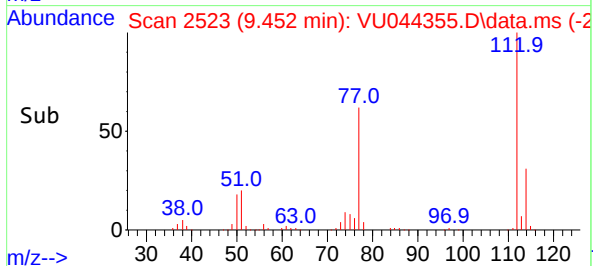
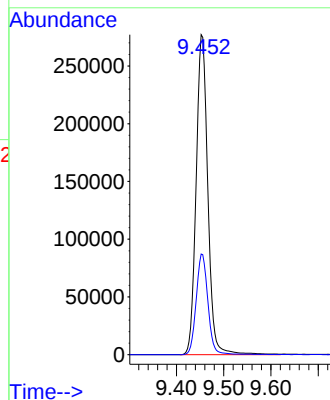
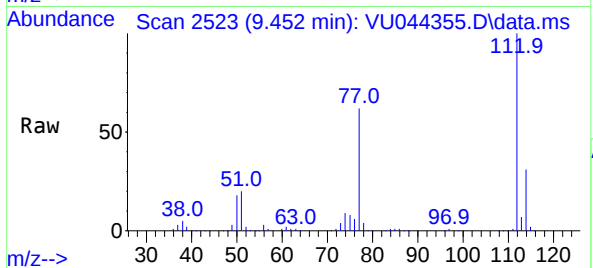
114 31.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2021

Supervised By :Mahesh Dadoda 07/23/2021



#60

1,1,1,2-Tetrachloroethane

Concen: 10.323 ug/l

RT: 9.542 min Scan# 2551

Delta R.T. -0.000 min

Lab File: VU044355.D

Acq: 19 Jul 2021 09:20

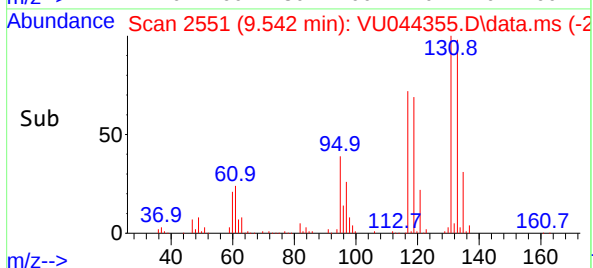
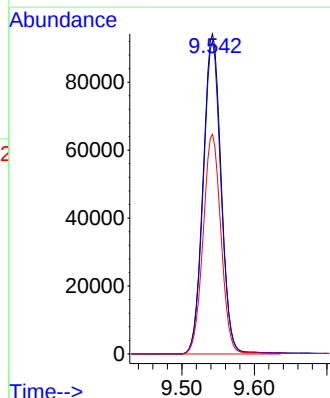
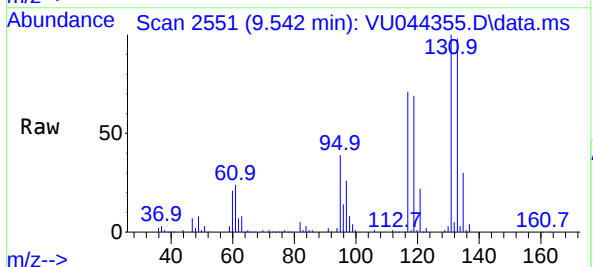
Tgt Ion:131 Resp: 162217

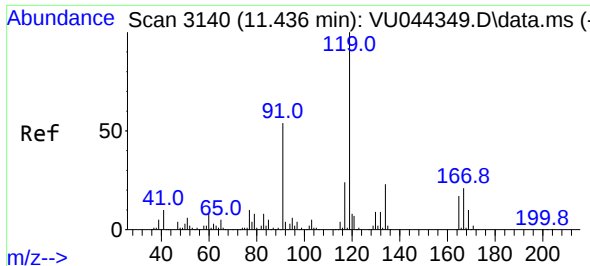
Ion Ratio Lower Upper

131 100

133 96.1 77.3 115.9

119 68.3 52.8 79.2





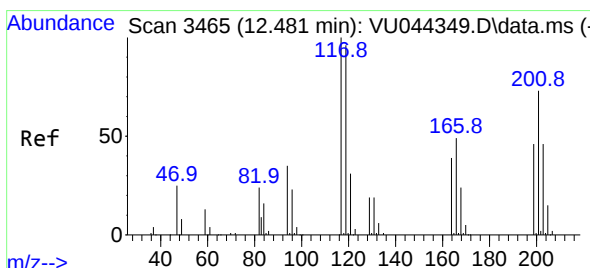
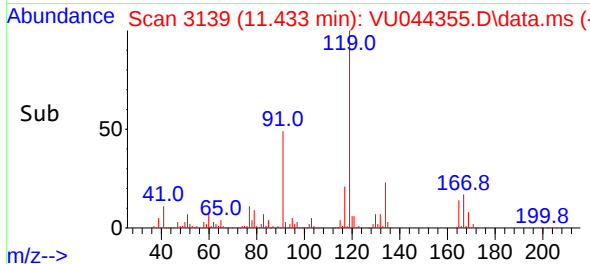
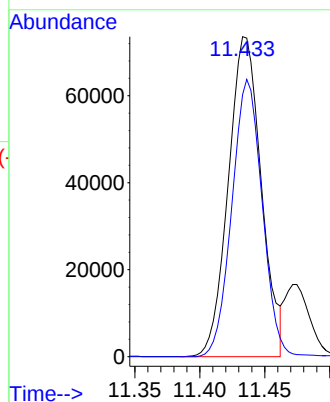
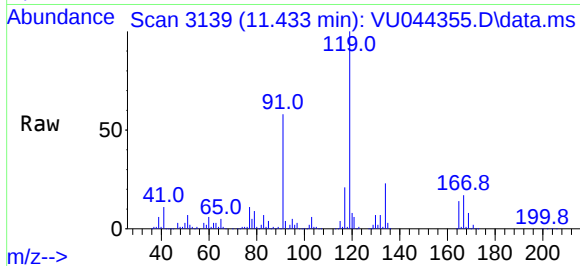
#61
Pentachloroethane
Concen: 10.341 ug/l
RT: 11.433 min Scan# 3140
Delta R.T. -0.003 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 129848
Ion Ratio Lower Upper
117 100
167 80.0 66.7 100.1

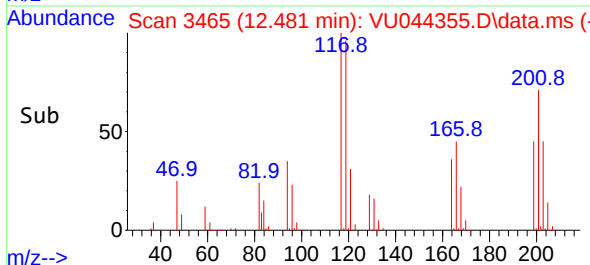
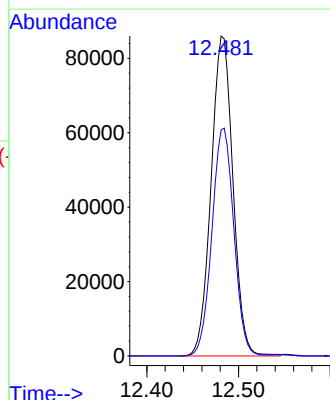
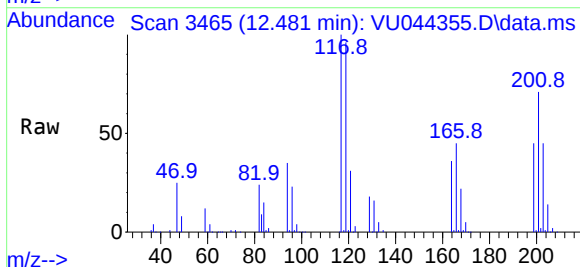
Manual Integrations
APPROVED

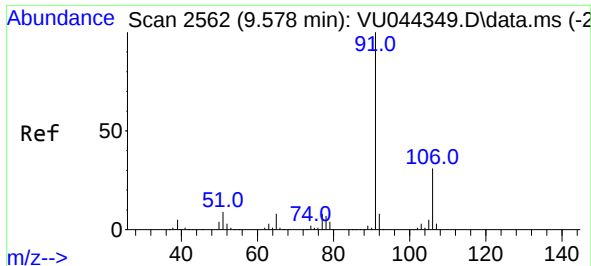
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#62
Hexachloroethane
Concen: 10.858 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

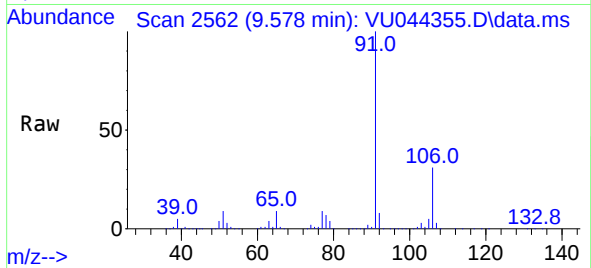
Tgt Ion:117 Resp: 142314
Ion Ratio Lower Upper
117 100
201 71.4 58.0 87.0





#63
Ethyl Benzene
Concen: 10.272 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

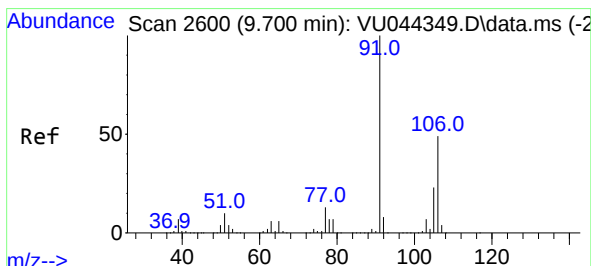
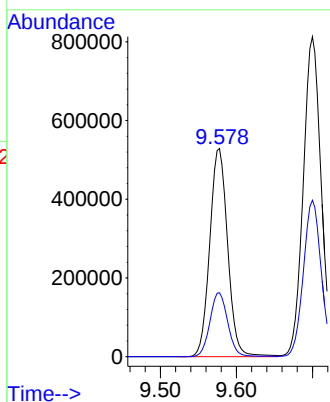
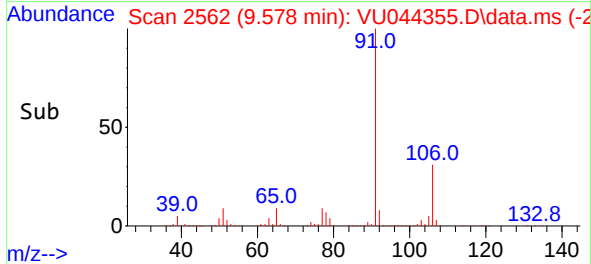
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



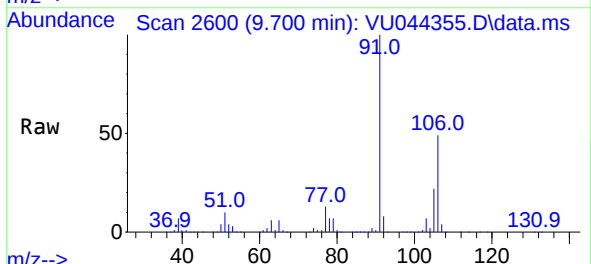
Tgt Ion: 91 Resp: 865730
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0

Manual Integrations
APPROVED

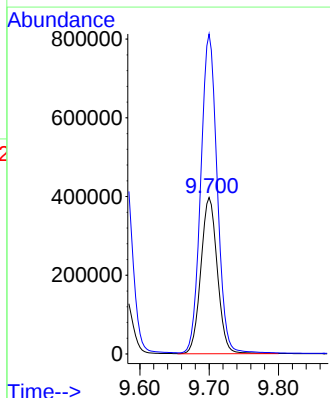
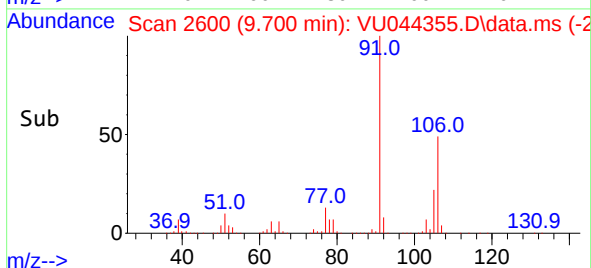
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

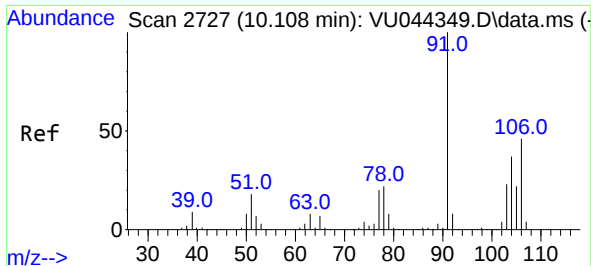


#64
m/p-Xylenes
Concen: 20.312 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20



Tgt Ion:106 Resp: 654196
Ion Ratio Lower Upper
106 100
91 205.2 162.5 243.7





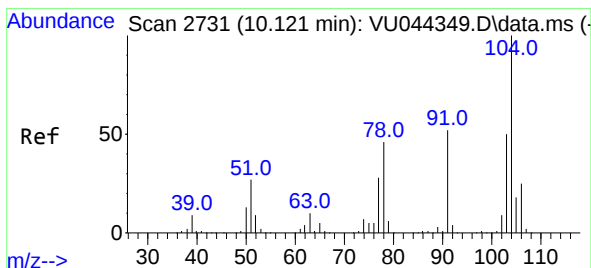
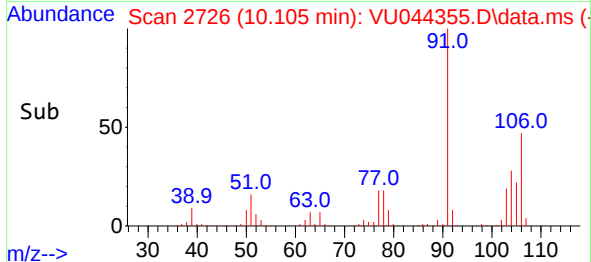
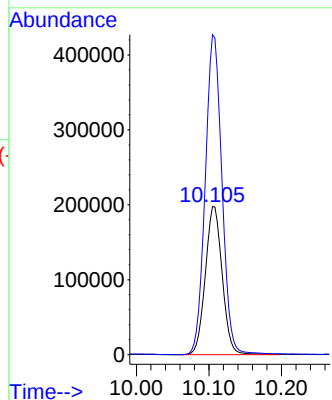
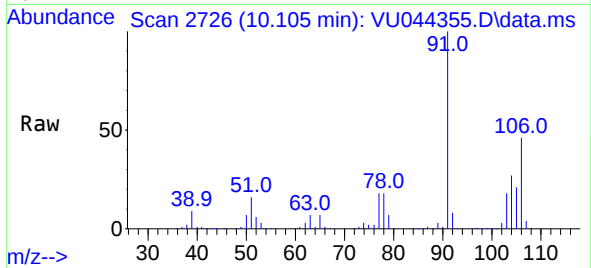
#65
o-Xylene
Concen: 10.290 ug/l
RT: 10.105 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 319809
Ion Ratio Lower Upper
106 100
91 214.7 108.2 324.6

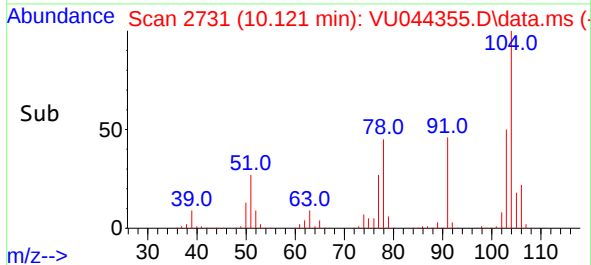
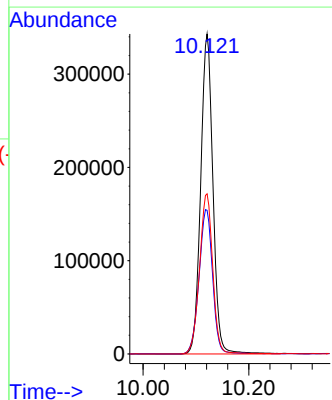
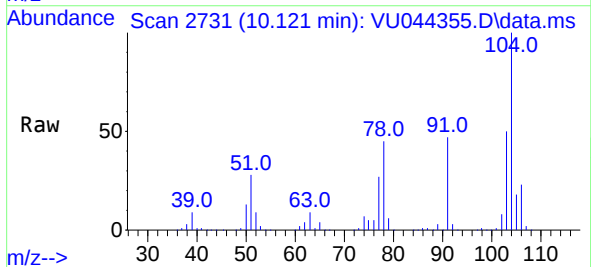
Manual Integrations
APPROVED

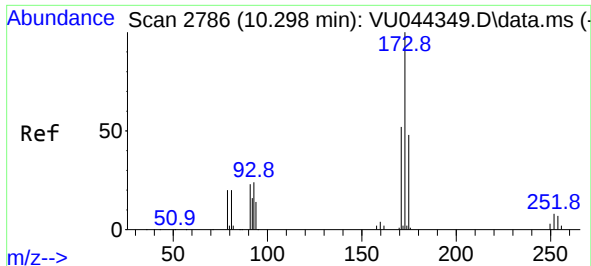
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#66
Styrene
Concen: 10.317 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

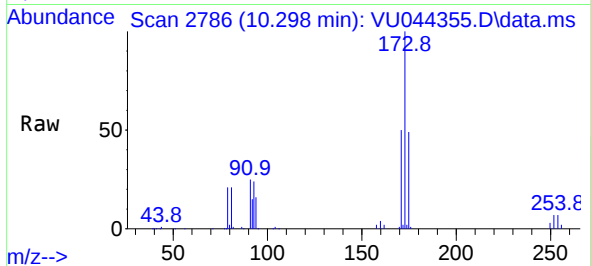
Tgt Ion:104 Resp: 552498
Ion Ratio Lower Upper
104 100
78 49.8 41.6 62.4
103 54.0 43.3 64.9





#67
Bromoform
Concen: 10.962 ug/l
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

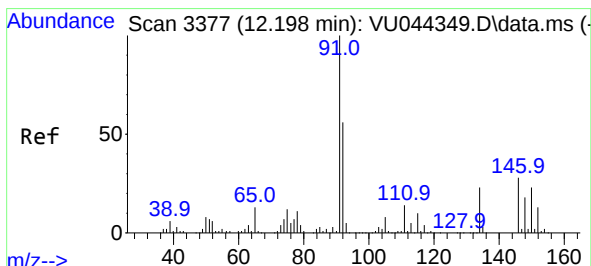
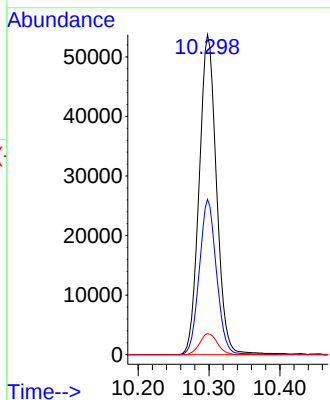
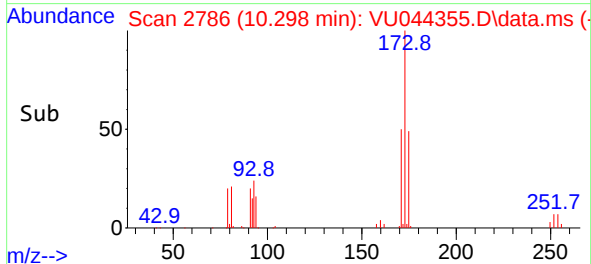
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



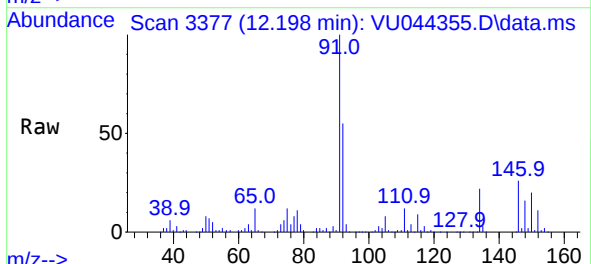
Tgt Ion:173 Resp: 91100
Ion Ratio Lower Upper
173 100
175 48.0 38.3 57.5
254 6.7 5.8 8.6

Manual Integrations
APPROVED

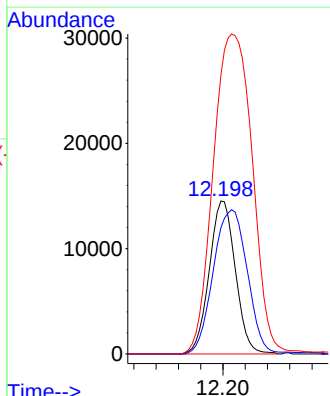
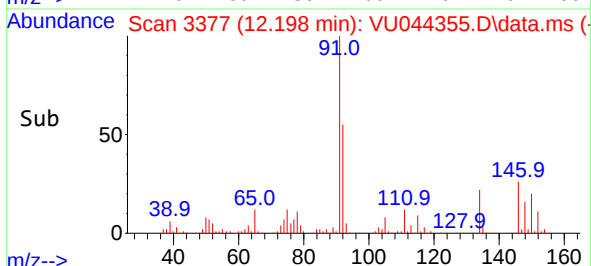
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

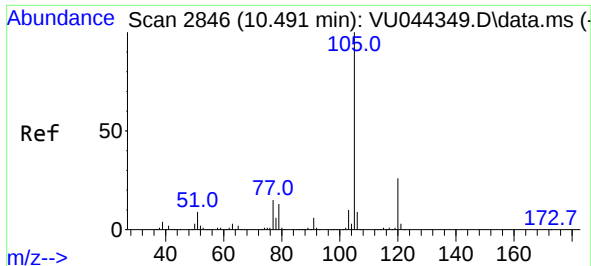


#68
1,2-Dichlorobenzene-d4
Concen: 1.002 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20



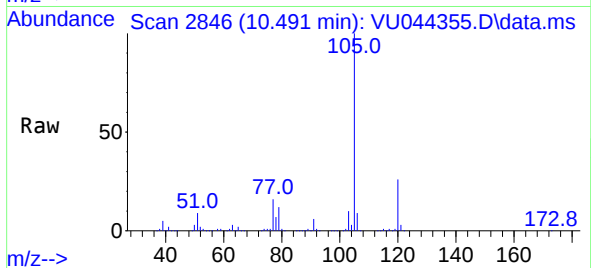
Tgt Ion:152 Resp: 23647
Ion Ratio Lower Upper
152 100
115 122.8 0.0 257.0
150 314.4 0.0 630.2





#69
Isopropylbenzene
Concen: 10.214 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

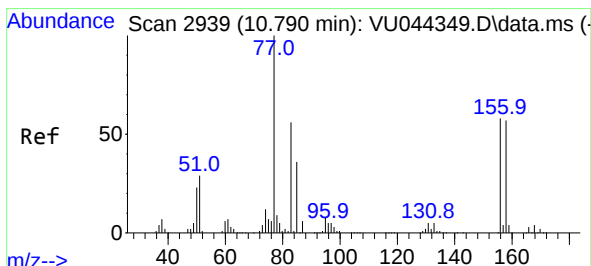
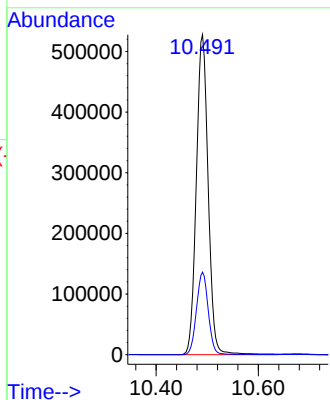
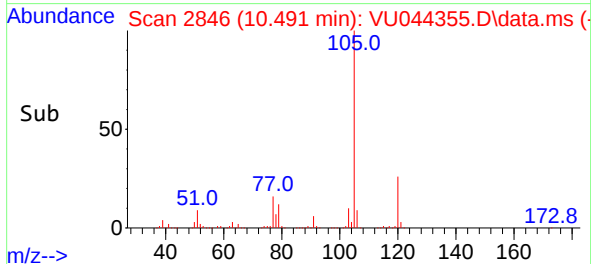
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



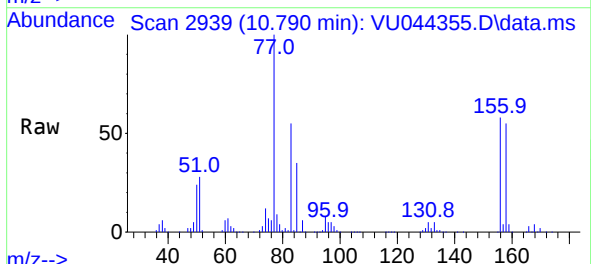
Tgt Ion:105 Resp: 849172
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.3

Manual Integrations
APPROVED

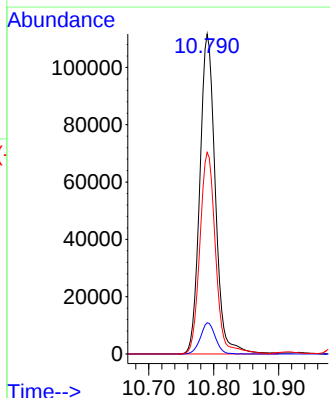
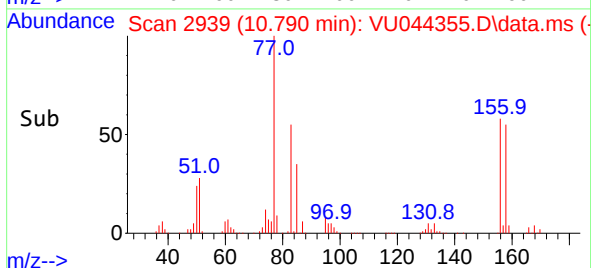
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

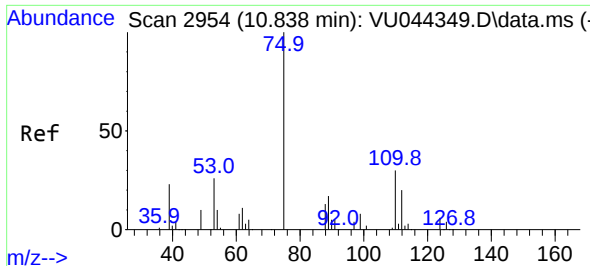


#70
1,1,2,2-Tetrachloroethane
Concen: 10.243 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20



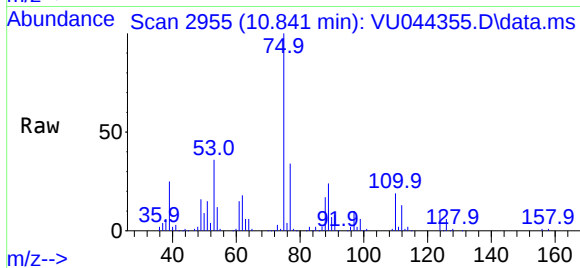
Tgt Ion: 83 Resp: 185412
Ion Ratio Lower Upper
83 100
131 9.4 8.2 12.2
85 63.8 50.8 76.2





#71
1,2,3-Trichloropropane
Concen: 9.075 ug/l m
RT: 10.841 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

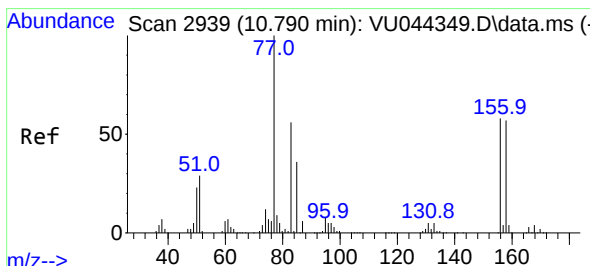
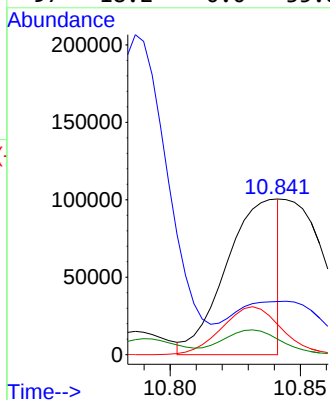
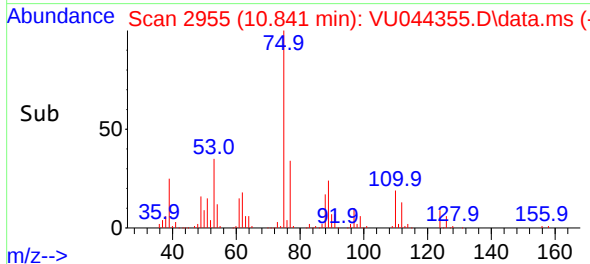
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



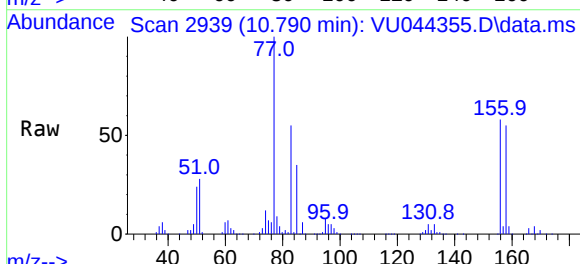
Tgt Ion: 75 Resp: 14082
Ion Ratio Lower Upper
75 100
77 57.4 0.0 111.4
110 35.7 0.0 74.6
97 18.2 0.0 35.8

Manual Integrations
APPROVED

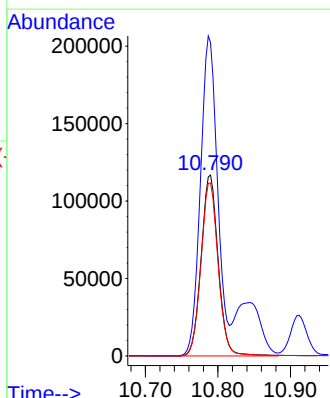
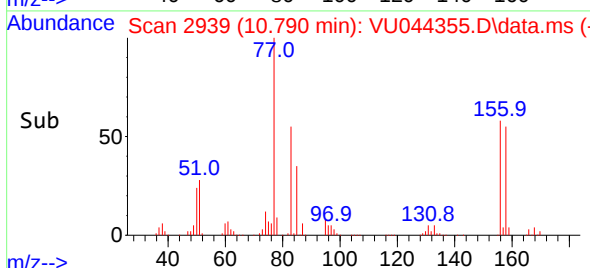
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

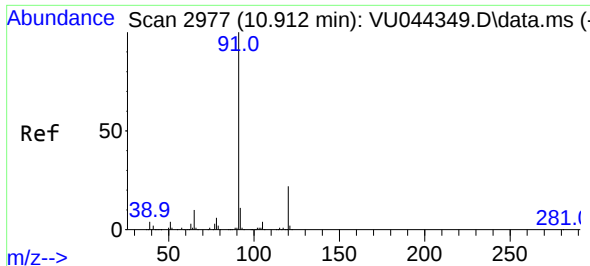


#72
Bromobenzene
Concen: 9.941 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20



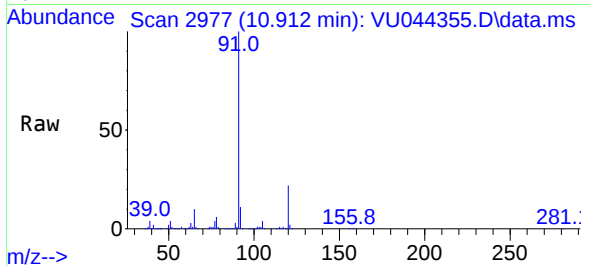
Tgt Ion:156 Resp: 191356
Ion Ratio Lower Upper
156 100
77 175.9 0.0 324.2
158 96.3 0.0 192.4





#73
n-propylbenzene
Concen: 10.125 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

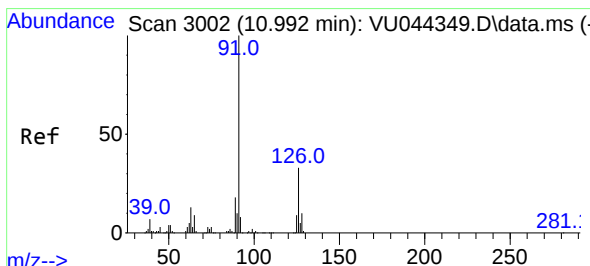
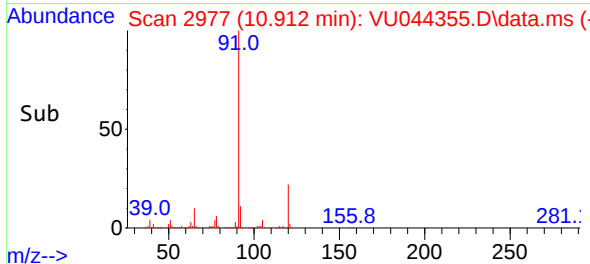
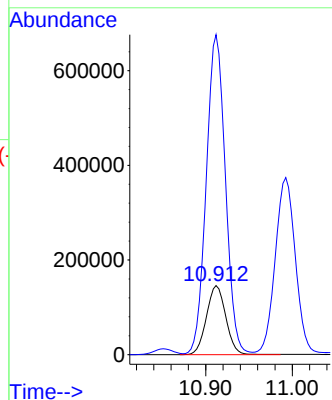
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:120 Resp: 226893
Ion Ratio Lower Upper
120 100
91 458.2 346.6 519.8

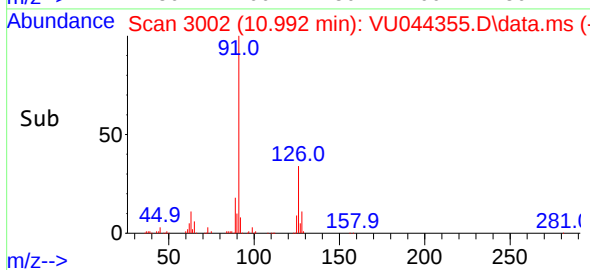
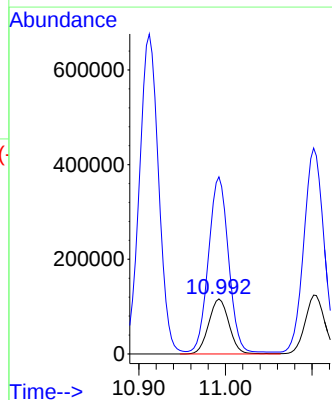
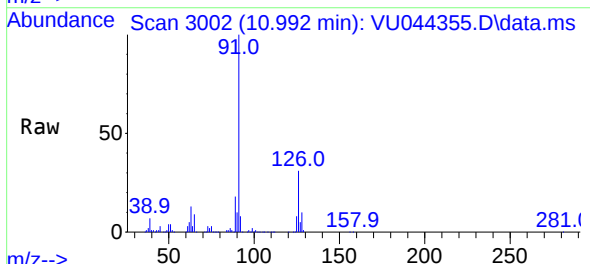
Manual Integrations
APPROVED

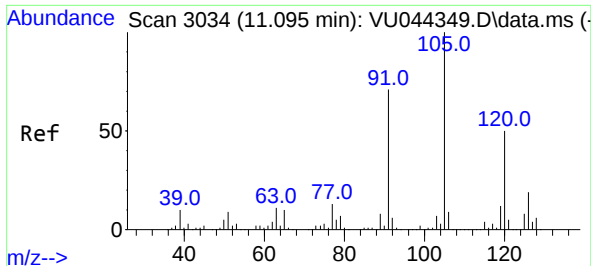
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#74
2-Chlorotoluene
Concen: 9.848 ug/l
RT: 10.992 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

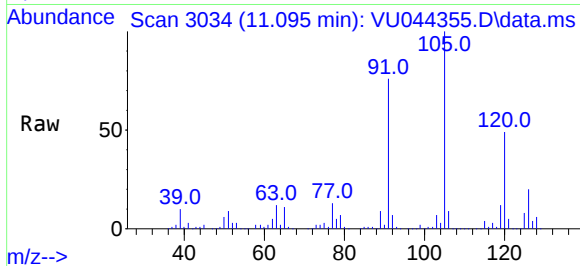
Tgt Ion:126 Resp: 189308
Ion Ratio Lower Upper
126 100
91 322.9 0.0 593.2





#75
1,3,5-Trimethylbenzene
Concen: 10.212 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

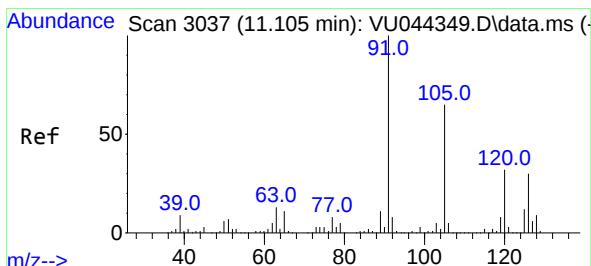
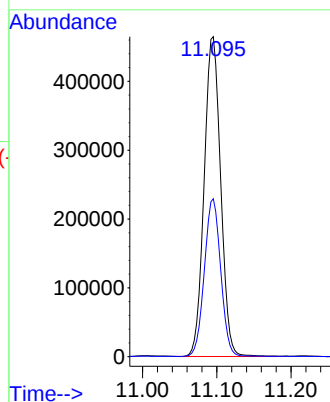
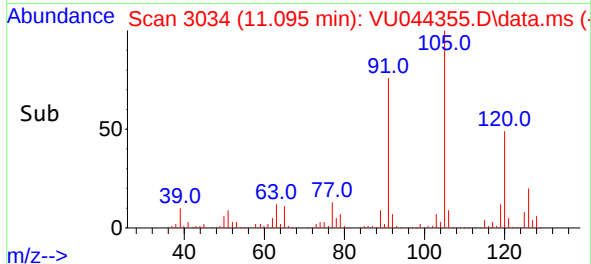
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



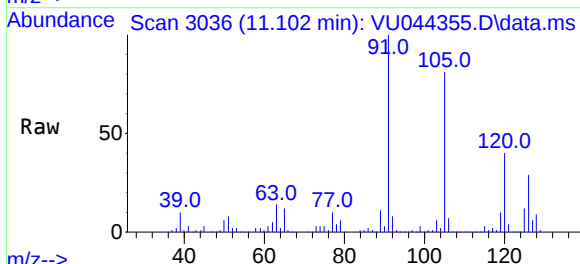
Tgt Ion:105 Resp: 717549
Ion Ratio Lower Upper
105 100
120 48.6 38.6 58.0

Manual Integrations
APPROVED

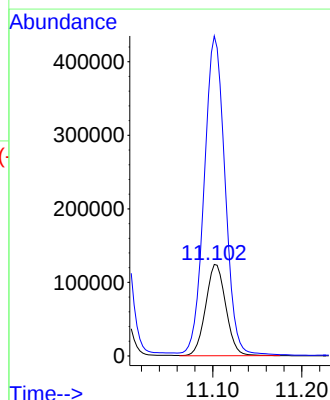
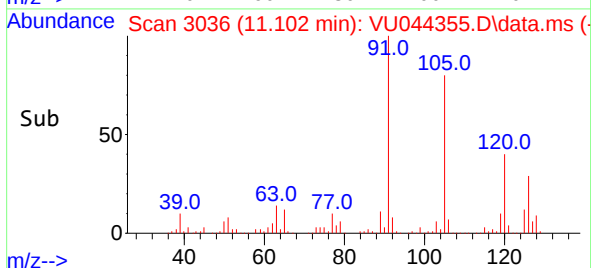
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

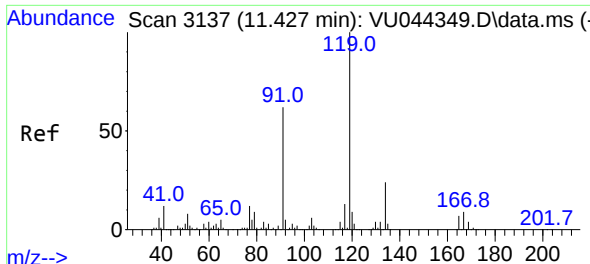


#76
4-Chlorotoluene
Concen: 9.771 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. -0.003 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20



Tgt Ion:126 Resp: 195136
Ion Ratio Lower Upper
126 100
91 362.8 0.0 692.4





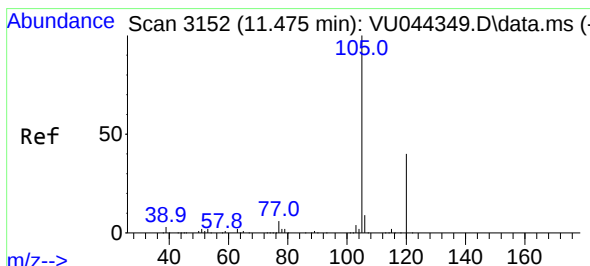
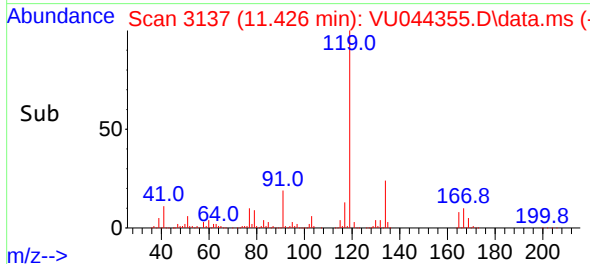
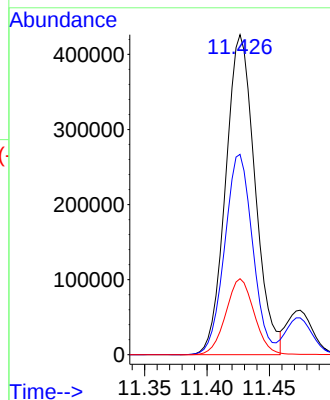
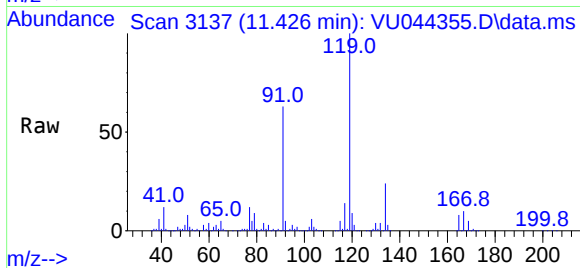
#77
tert-Butylbenzene
Concen: 10.162 ug/l
RT: 11.426 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 699930
Ion Ratio Lower Upper
119 100
91 59.9 29.9 89.7
134 23.0 18.7 28.1

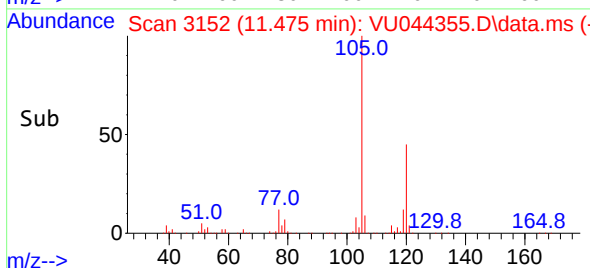
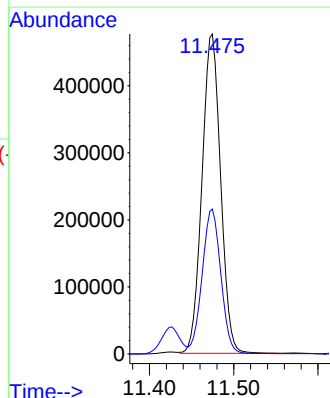
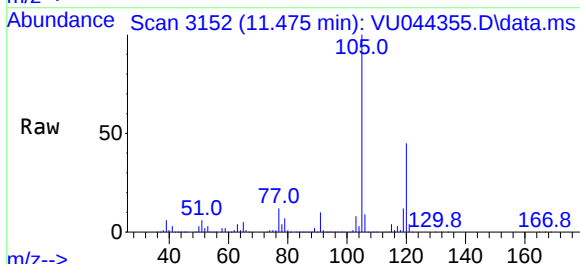
Manual Integrations
APPROVED

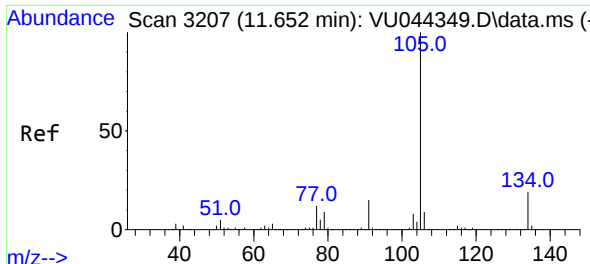
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#78
1,2,4-Trimethylbenzene
Concen: 10.272 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

Tgt Ion:105 Resp: 732677
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.0





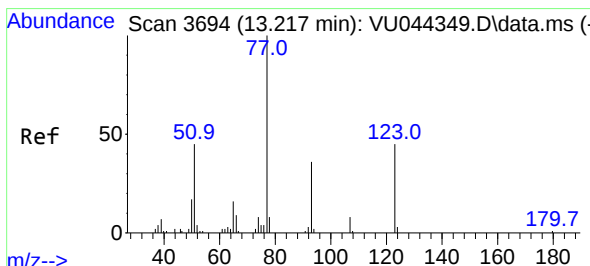
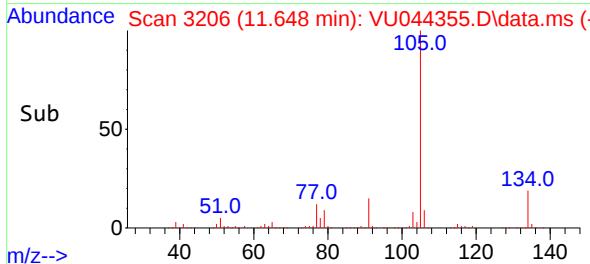
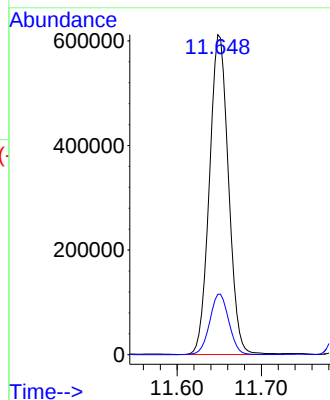
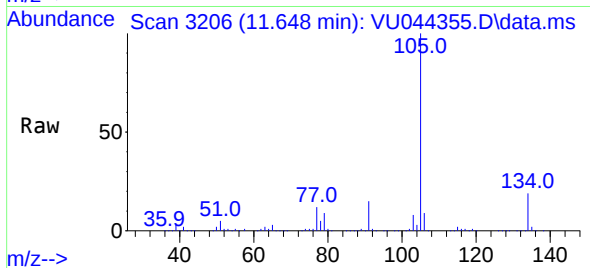
#79
 sec-Butylbenzene
 Concen: 10.250 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU044355.D
 Acq: 19 Jul 2021 09:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:105 Resp: 961494
 Ion Ratio Lower Upper
 105 100
 134 19.1 16.1 24.1

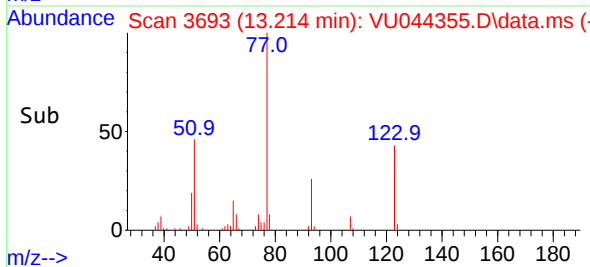
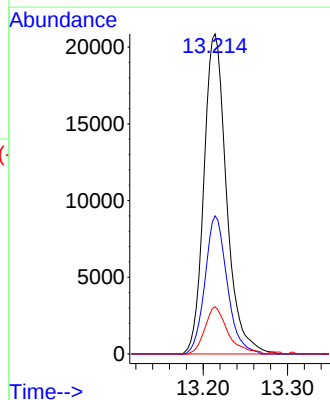
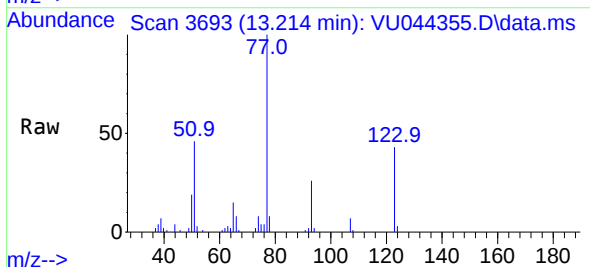
Manual Integrations
 APPROVED

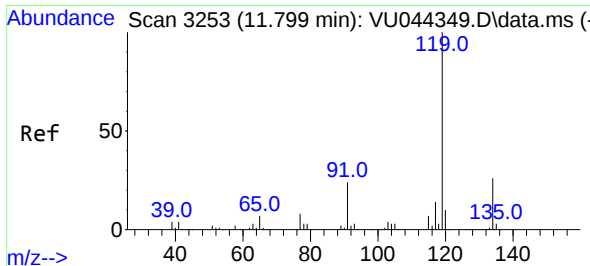
Reviewed By :John Carlone 07/20/2021
 Supervised By :Mahesh Dadoda 07/23/2021



#80
 Nitrobenzene
 Concen: 72.090 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. -0.003 min
 Lab File: VU044355.D
 Acq: 19 Jul 2021 09:20

Tgt Ion: 77 Resp: 38922
 Ion Ratio Lower Upper
 77 100
 123 42.3 19.0 67.4
 65 15.0 12.2 15.6





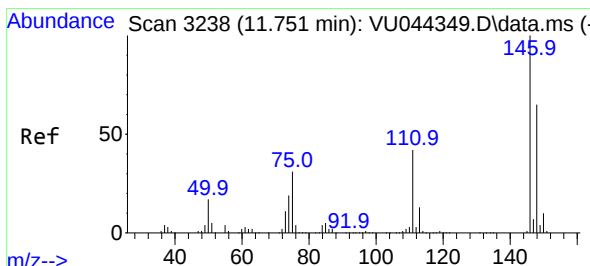
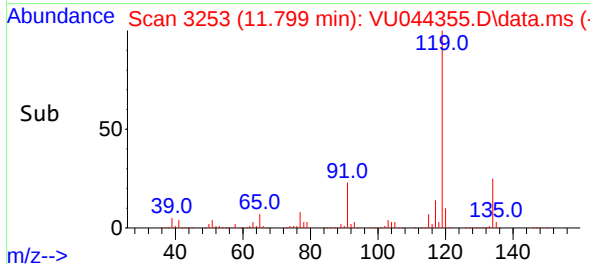
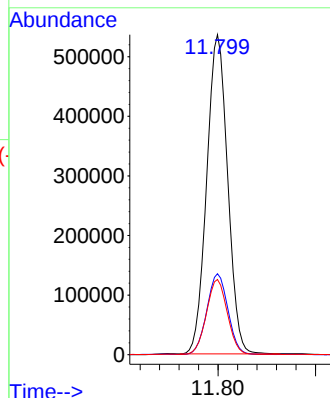
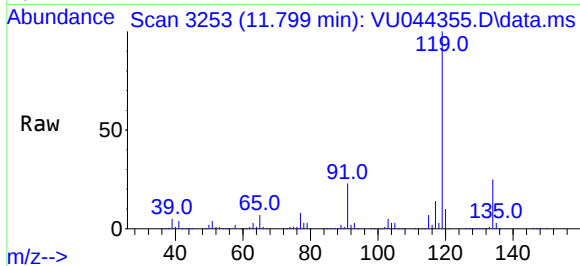
#81
p-Isopropyltoluene
Concen: 10.285 ug/l
RT: 11.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 798835
Ion Ratio Lower Upper
119 100
134 25.4 21.0 31.4
91 23.4 19.4 29.2

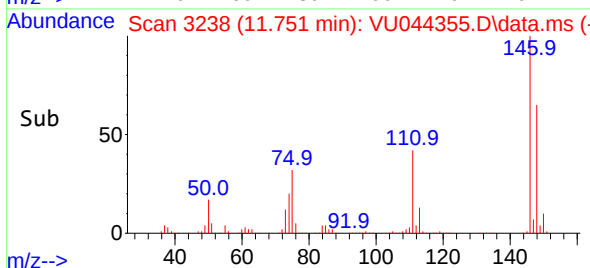
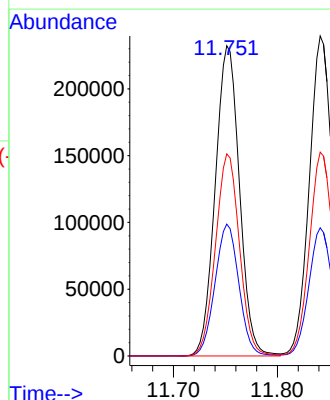
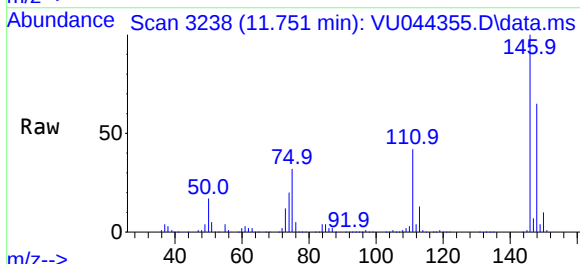
Manual Integrations
APPROVED

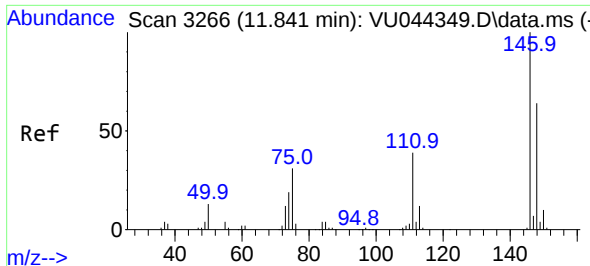
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#82
1,3-Dichlorobenzene
Concen: 9.850 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

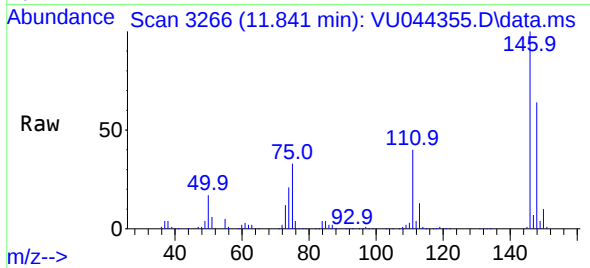
Tgt Ion:146 Resp: 376599
Ion Ratio Lower Upper
146 100
111 41.9 33.3 49.9
148 64.6 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 9.742 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

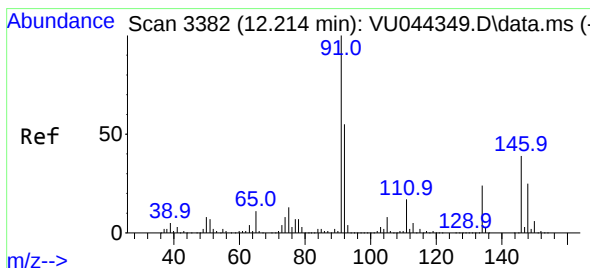
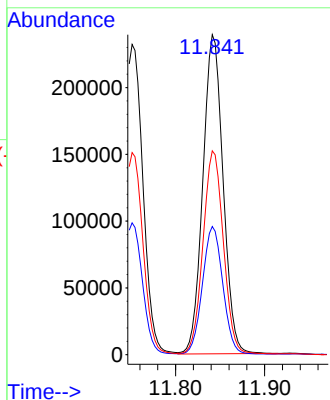
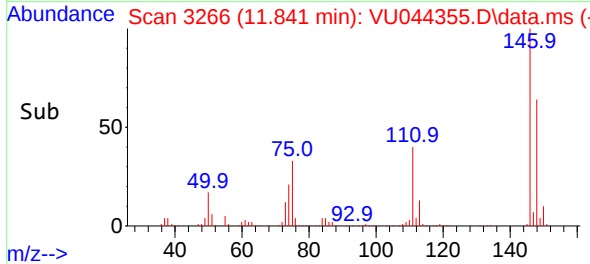
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



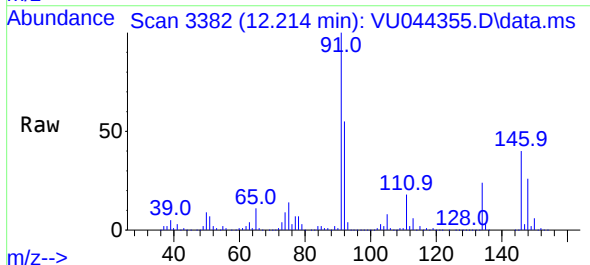
Tgt Ion:146 Resp: 37617
Ion Ratio Lower Upper
146 100
111 40.3 32.6 48.8
148 64.3 50.8 76.2

Manual Integrations
APPROVED

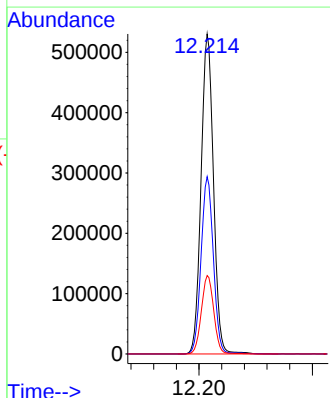
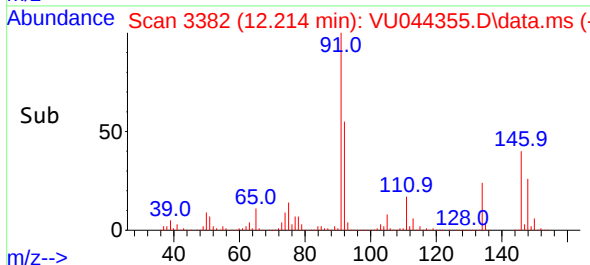
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

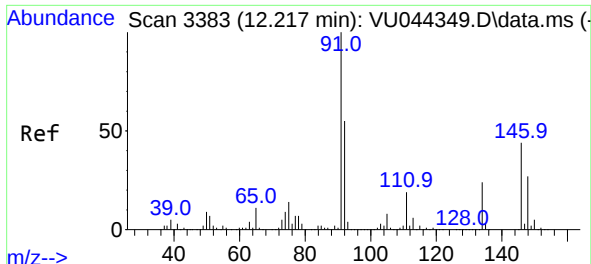


#84
n-Butylbenzene
Concen: 10.590 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20



Tgt Ion: 91 Resp: 805302
Ion Ratio Lower Upper
91 100
92 55.1 43.3 64.9
134 24.6 20.2 30.4





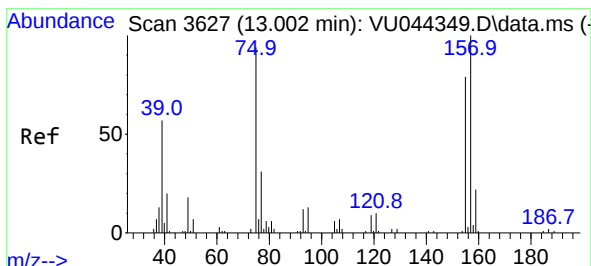
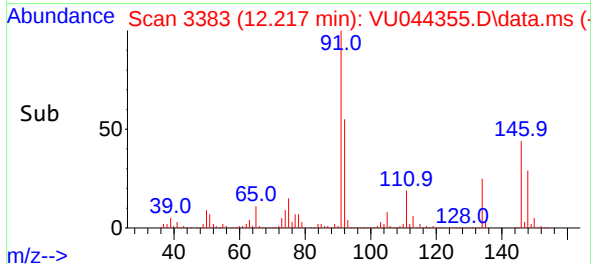
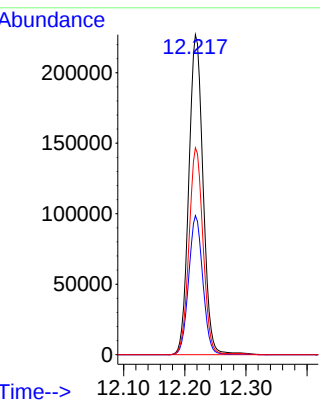
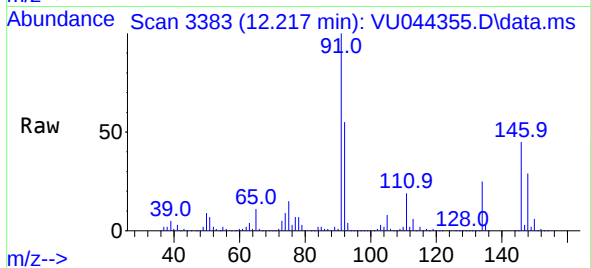
#85
1,2-Dichlorobenzene
Concen: 9.913 ug/l
RT: 12.217 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 36716
Ion Ratio Lower Upper
146 100
111 42.9 21.6 64.6
148 63.7 31.9 95.7

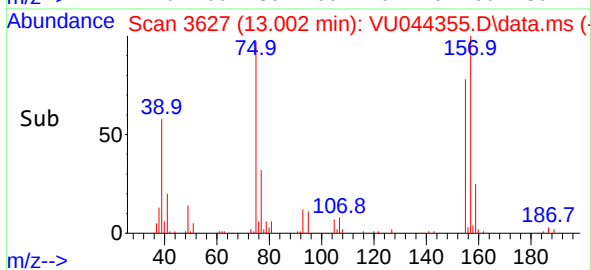
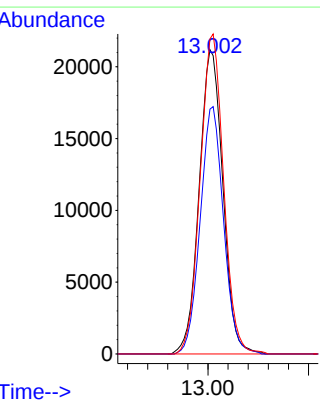
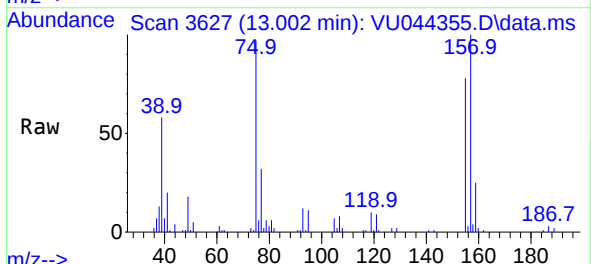
Manual Integrations
APPROVED

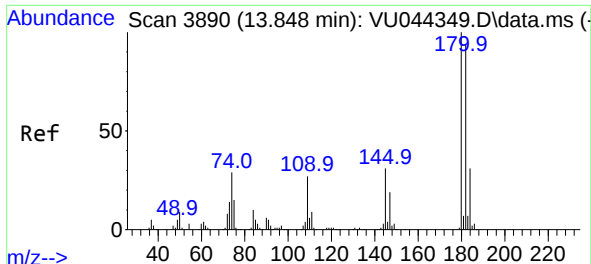
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#86
1,2-Dibromo-3-Chloropropane
Concen: 11.079 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

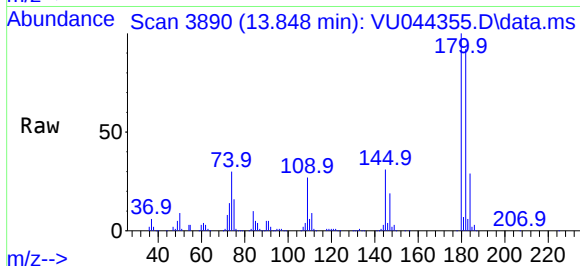
Tgt Ion: 75 Resp: 34663
Ion Ratio Lower Upper
75 100
155 80.1 64.7 97.1
157 103.7 85.3 127.9





#87
1,2,4-Trichlorobenzene
Concen: 10.482 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

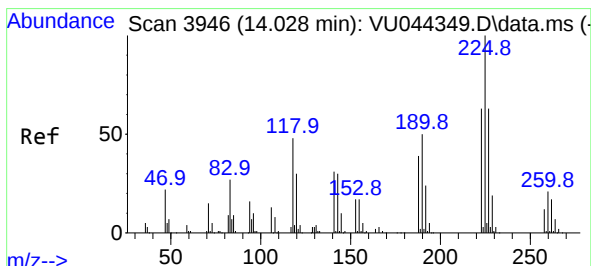
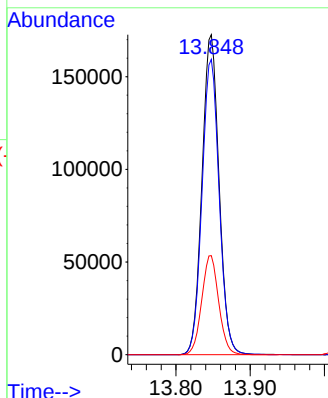
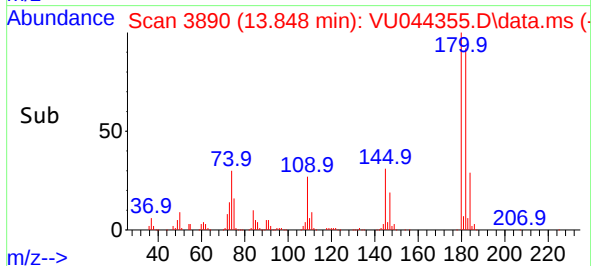
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



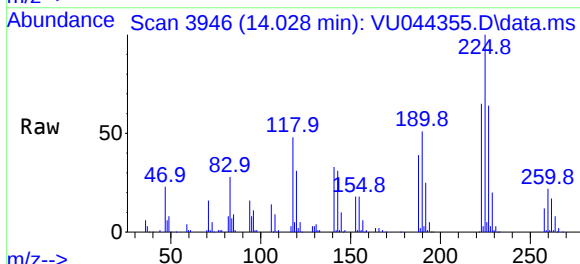
Tgt Ion:180 Resp: 27467
Ion Ratio Lower Upper
180 100
182 92.9 77.0 115.6
145 30.9 25.8 38.6

Manual Integrations
APPROVED

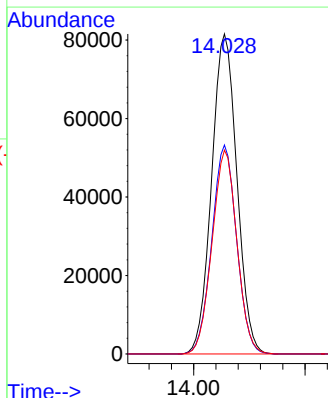
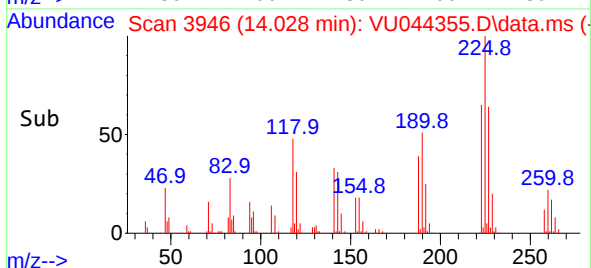
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

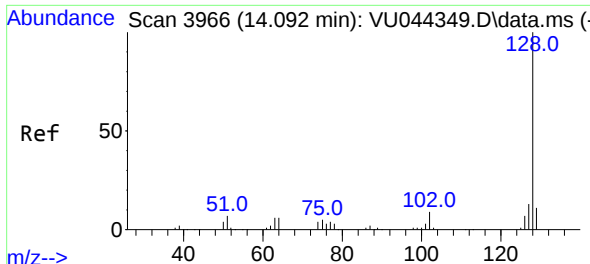


#88
Hexachlorobutadiene
Concen: 10.124 ug/l
RT: 14.028 min Scan# 3946
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20



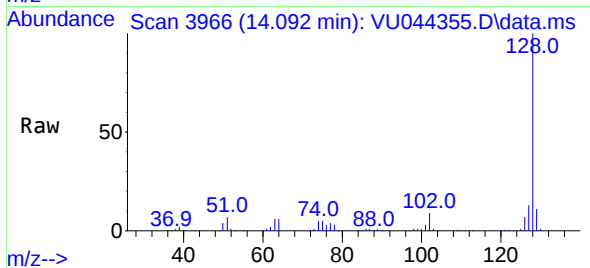
Tgt Ion:225 Resp: 128378
Ion Ratio Lower Upper
225 100
223 64.2 50.9 76.3
227 62.7 50.8 76.2





#89
Naphthalene
Concen: 10.658 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20

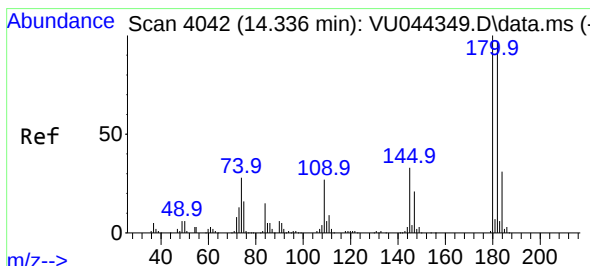
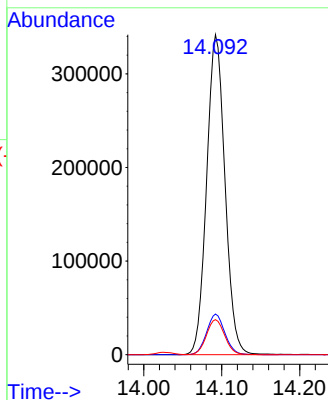
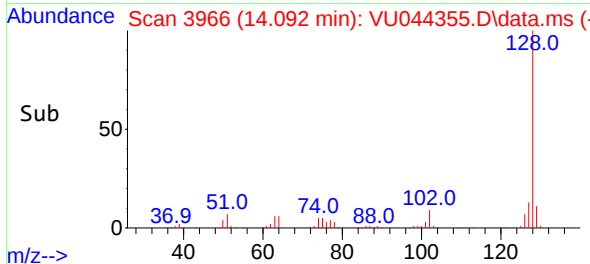
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



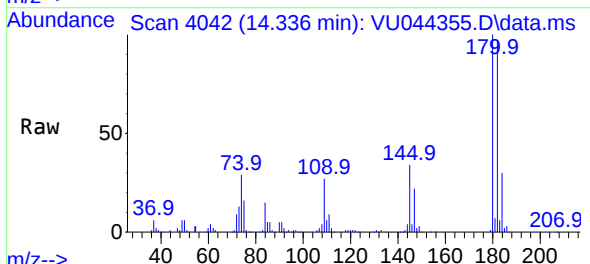
Tgt Ion:128 Resp: 558572
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#90
1,2,3-Trichlorobenzene
Concen: 10.326 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU044355.D
Acq: 19 Jul 2021 09:20



Tgt Ion:180 Resp: 245672
Ion Ratio Lower Upper
180 100
182 95.7 77.1 115.7
145 33.3 27.0 40.4

