

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071921\
 Data File : VU044358.D
 Acq On : 19 Jul 2021 11:18
 Operator : SY/MD
 Sample : VU0719WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0719WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jul 20 01:20:41 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	51685	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	20239	0.970	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	20158	0.991	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	32050	1.777	ug/l	99
3) Chloromethane	1.527	50	35320	1.800	ug/l	99
4) Vinyl Chloride	1.607	62	35316	1.783	ug/l	96
5) Bromomethane	1.861	94	20139	1.907	ug/l	98
6) Chloroethane	1.941	64	21127	1.753	ug/l	99
7) Trichlorofluoromethane	2.147	101	40056	1.871	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	25101	1.855	ug/l	96
9) 1,1-Dichloroethene	2.588	96	23832	1.806	ug/l	96
10) Iodomethane	2.729	142	30815	1.784	ug/l	89
11) Allyl Chloride	2.932	41	39095	1.799	ug/l	85
12) Acrylonitrile	3.330	53	11507	3.804	ug/l	90
13) Acetone	2.639	43	12381	8.207	ug/l #	80
14) Carbon Disulfide	2.800	76	80508	1.843	ug/l	100
15) Methylene Chloride	3.054	84	30593	1.633	ug/l	95
16) trans-1,2-Dichloroethene	3.363	96	26873	1.825	ug/l	98
17) 1,1-Dichloroethane	3.880	63	49892	1.820	ug/l	99
18) 2-Butanone	4.732	43	28529	8.818	ug/l	97
19) Cyclohexane	5.391	56	46567	1.858	ug/l	97
20) Methylcyclohexane	6.768	83	46764	1.789	ug/l	98
21) 2,2-Dichloropropane	4.674	77	39487	1.756	ug/l	95
22) cis-1,2-Dichloroethene	4.678	96	30018	1.866	ug/l	94
23) Diethyl Ether	2.385	59	20433	1.845	ug/l	97
24) tert-Butyl Alcohol	3.208	59	10288	15.655	ug/l #	72
25) Methyl tert-Butyl Ether	3.379	73	67423	1.830	ug/l	93
26) Bromochloromethane	4.983	128	12266	1.801	ug/l	99
27) Chloroform	5.099	83	49175	1.853	ug/l	100
28) 1,1,1-Trichloroethane	5.324	97	40702	1.839	ug/l	98
29) 1,1-Dichloropropene	5.533	75	38321	1.823	ug/l	99
30) Carbon Tetrachloride	5.530	117	34397	1.864	ug/l	96
31) Isopropyl Ether	4.015	45	84330	1.849	ug/l	94
32) Ethyl-t-butyl ether	4.523	59	81059	1.802	ug/l	97
33) Tert-Amyl methyl ether	5.961	73	73563	1.839	ug/l	96
34) Propionitrile	4.800	54	8126	8.874	ug/l #	93
35) Benzene	5.781	78	111012	1.817	ug/l	99
36) 1,2-Dichloroethane	5.806	62	32036	1.827	ug/l	97
37) Trichloroethene	6.549	130	27369	1.782	ug/l	94
38) 1,2-Dichloropropane	6.803	63	28742	1.777	ug/l	95
39) Methacrylonitrile	4.993	41	9358	1.792	ug/l	96
40) Methyl acrylate	4.867	55	14306	1.761	ug/l	99
41) Tetrahydrofuran	5.080	42	8169	3.299	ug/l	94
42) 1-Chlorobutane	5.465	56	54199	1.824	ug/l	94
43) Dibromomethane	6.928	93	14812	1.846	ug/l	97
44) Bromodichloromethane	7.118	83	35510	1.866	ug/l	99

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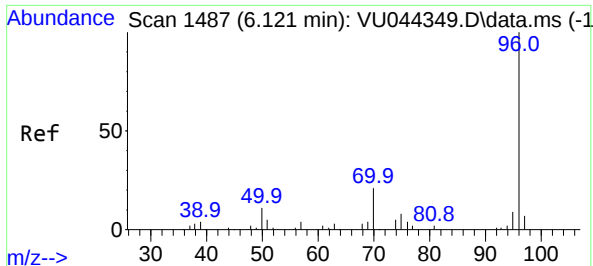
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.809	43	99076	9.091	ug/l	95
46) t-1,4-Dichloro-2-butene	10.845	75	13838m	2.996	ug/l	
47) Methyl methacrylate	6.980	69	32067	3.616	ug/l #	88
48) Ethyl methacrylate	8.346	69	32099	1.753	ug/l	94
49) Toluene	7.977	92	69848	1.817	ug/l	100
50) t-1,3-Dichloropropene	8.221	75	34827	1.762	ug/l	99
51) cis-1,3-Dichloropropene	7.616	75	41635	1.786	ug/l	96
52) 1,1,2-Trichloroethane	8.411	97	21961	1.858	ug/l	96
53) 1,3-Dichloropropane	8.584	76	39810	1.834	ug/l	100
54) 2-Hexanone	8.700	43	70612	9.108	ug/l	96
55) Dibromochloromethane	8.819	129	23041	1.800	ug/l	98
56) 1,2-Dibromoethane	8.935	107	21375	1.850	ug/l	99
58) Tetrachloroethene	8.559	164	24144	1.852	ug/l	97
59) Chlorobenzene	9.456	112	74466	1.832	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.542	131	24743	1.827	ug/l	97
61) Pentachloroethane	11.433	117	18934	1.750	ug/l	96
62) Hexachloroethane	12.481	117	19950	1.766	ug/l	98
63) Ethyl Benzene	9.578	91	132286	1.821	ug/l	100
64) m/p-Xylenes	9.700	106	100875	3.634	ug/l	100
65) o-Xylene	10.105	106	49014	1.830	ug/l	98
66) Styrene	10.121	104	83586	1.811	ug/l	98
67) Bromoform	10.298	173	12674	1.769	ug/l	99
69) Isopropylbenzene	10.491	105	129771	1.811	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.790	83	28945	1.855	ug/l	99
71) 1,2,3-Trichloropropane	10.835	75	20622m	1.542	ug/l	
72) Bromobenzene	10.790	156	30135	1.816	ug/l	93
73) n-propylbenzene	10.912	120	35174	1.821	ug/l	96
74) 2-Chlorotoluene	10.993	126	29998	1.811	ug/l	87
75) 1,3,5-Trimethylbenzene	11.095	105	108827	1.797	ug/l	98
76) 4-Chlorotoluene	11.105	126	30824	1.791	ug/l	94
77) tert-Butylbenzene	11.427	119	107863	1.817	ug/l	100
78) 1,2,4-Trimethylbenzene	11.475	105	111218	1.809	ug/l	100
79) sec-Butylbenzene	11.648	105	147809	1.828	ug/l	98
80) Nitrobenzene	13.218	77	3878	8.334	ug/l	96
81) p-Isopropyltoluene	11.800	119	120360	1.798	ug/l	100
82) 1,3-Dichlorobenzene	11.751	146	58918	1.788	ug/l	98
83) 1,4-Dichlorobenzene	11.841	146	60083	1.805	ug/l	99
84) n-Butylbenzene	12.214	91	117325	1.790	ug/l	99
85) 1,2-Dichlorobenzene	12.221	146	57985	1.816	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	13.002	75	4873	1.807	ug/l	98
87) 1,2,4-Trichlorobenzene	13.848	180	39422	1.745	ug/l	99
88) Hexachlorobutadiene	14.028	225	19546	1.788	ug/l	99
89) Naphthalene	14.095	128	78452	1.737	ug/l	99
90) 1,2,3-Trichlorobenzene	14.336	180	36976	1.803	ug/l	97

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



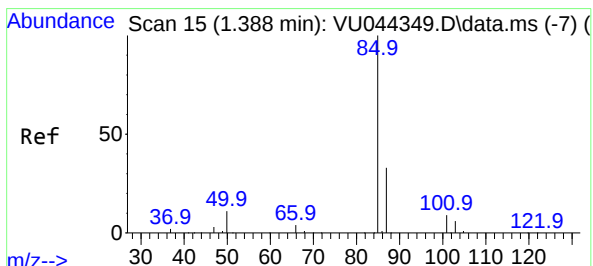
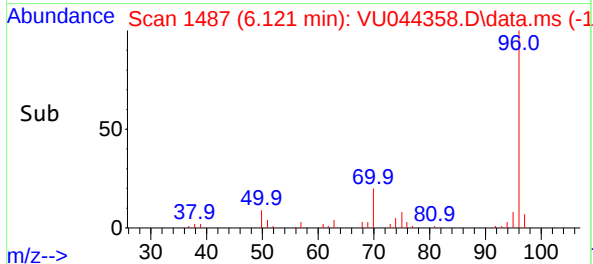
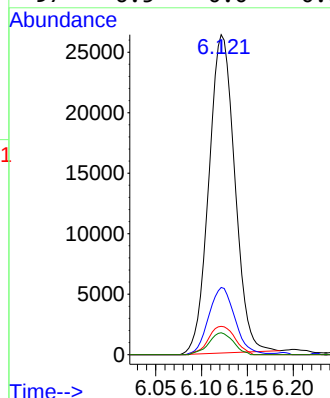
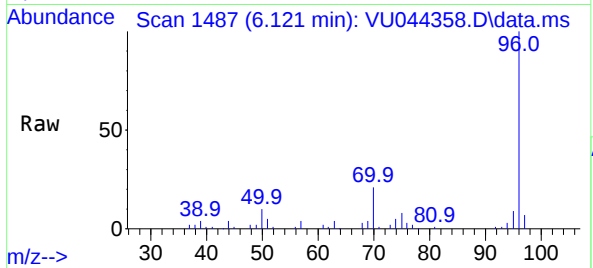
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.121 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01

Tgt Ion: 96	Resp: 5168
Ion Ratio	Lower Upper
96 100	
70 20.9	16.2 24.2
95 9.2	7.3 10.9
97 6.5	0.0 0.0

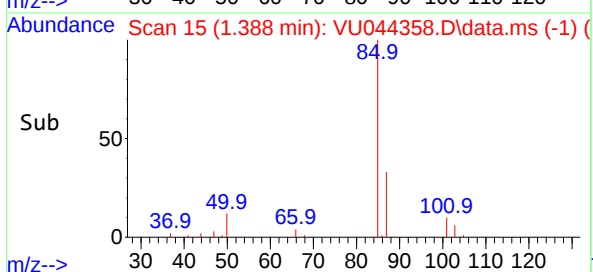
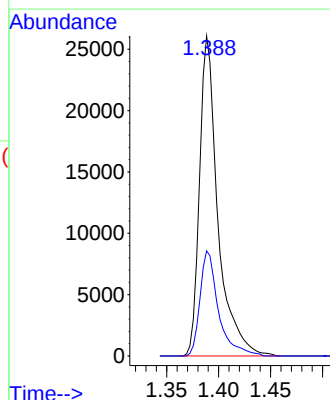
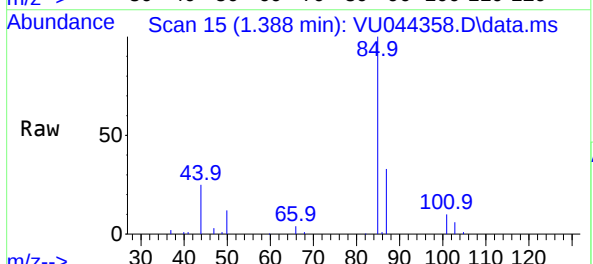
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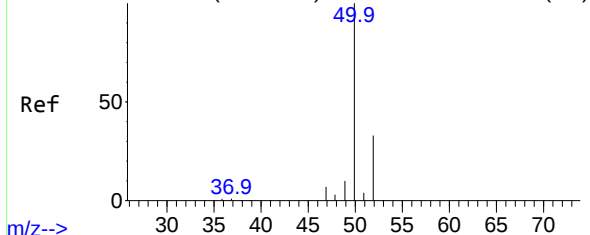


#2
Dichlorodifluoromethane
Concen: 1.777 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

Tgt Ion: 85	Resp: 32050
Ion Ratio	Lower Upper
85 100	
87 32.8	16.0 48.0



Abundance Scan 58 (1.527 min): VU044349.D\data.ms (-48)



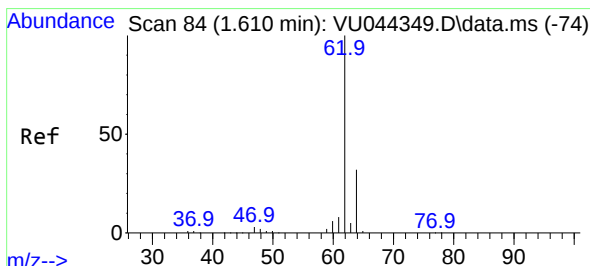
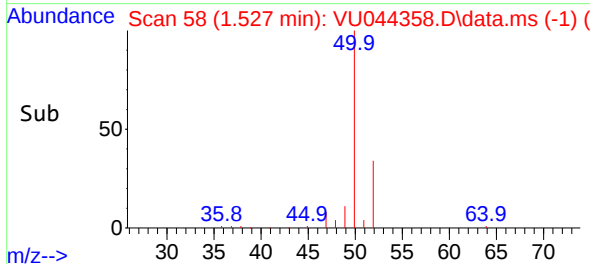
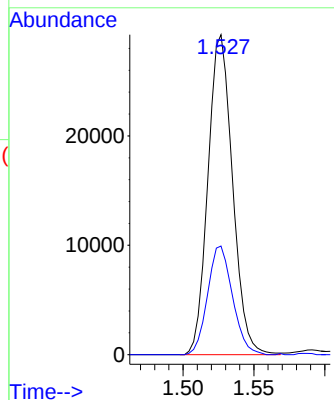
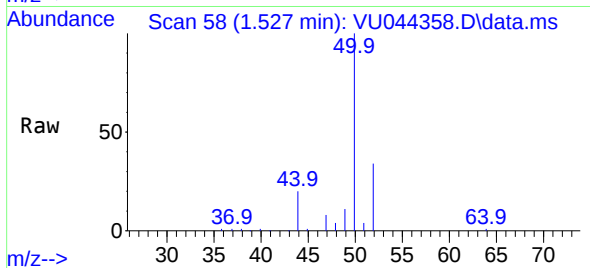
#3
Chloromethane
Concen: 1.800 ug/l
RT: 1.527 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01

Tgt Ion: 50 Resp: 35320
Ion Ratio Lower Upper
50 100
52 34.0 26.7 40.1

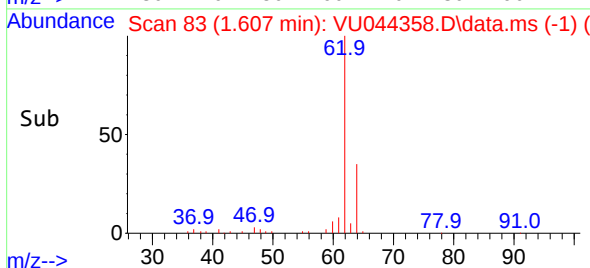
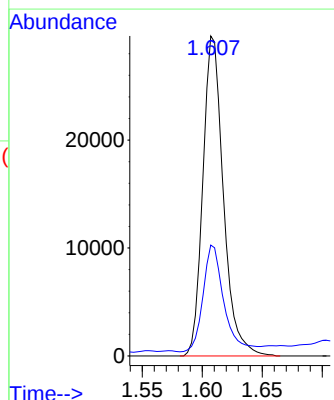
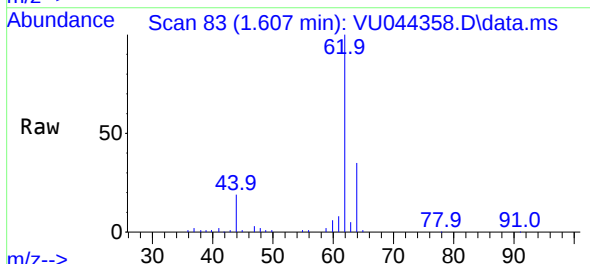
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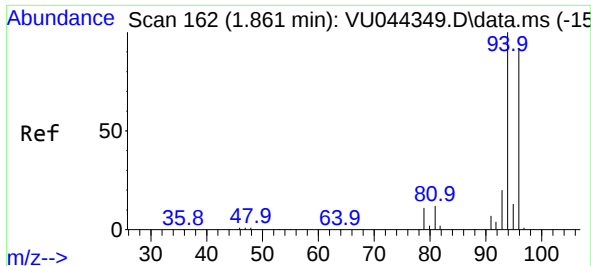
Reviewed By :John Carlone 07/20/2021
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#4
Vinyl Chloride
Concen: 1.783 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.003 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

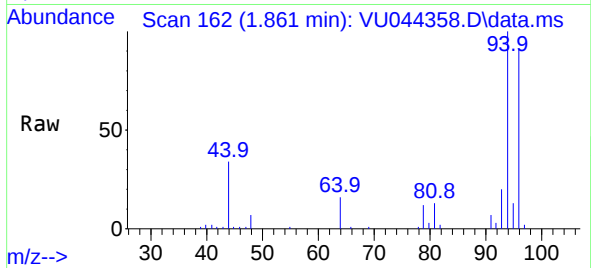
Tgt Ion: 62 Resp: 35316
Ion Ratio Lower Upper
62 100
64 33.4 25.1 37.7





#5
Bromomethane
Concen: 1.907 ug/l
RT: 1.861 min Scan# 162
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

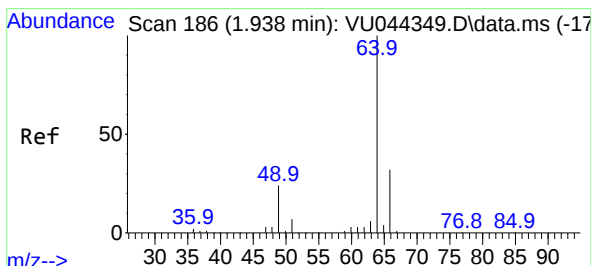
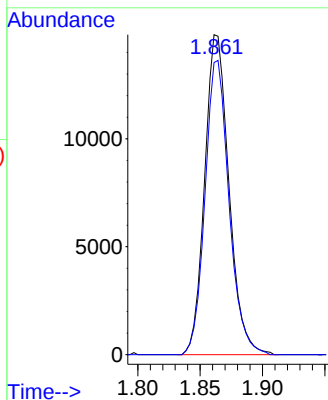
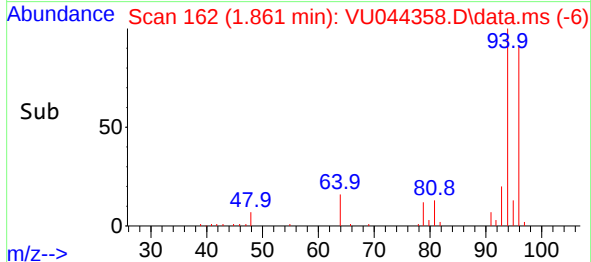
Instrument :
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VU0719WBSD01



Tgt Ion: 94 Resp: 20139
Ion Ratio Lower Upper
94 100
96 91.3 74.7 112.1

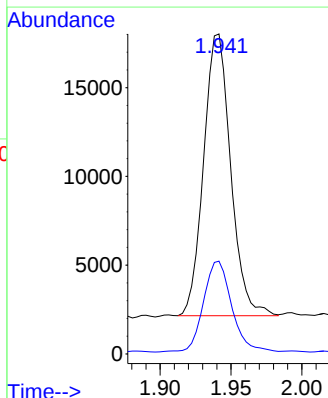
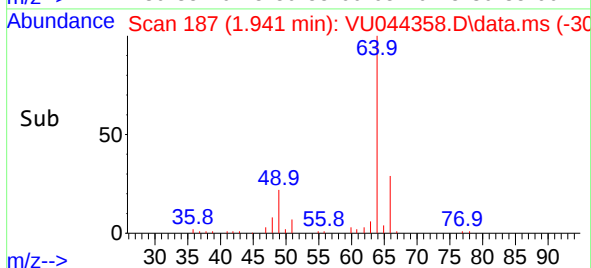
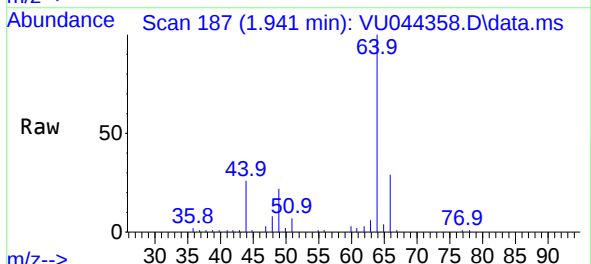
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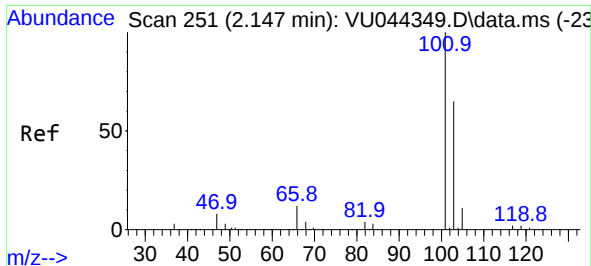
Reviewed By :John Carlone 07/20/2021
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#6
Chloroethane
Concen: 1.753 ug/l
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

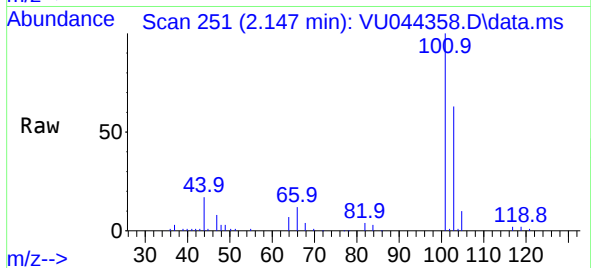
Tgt Ion: 64 Resp: 21127
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 1.871 ug/l
 RT: 2.147 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU044358.D
 Acq: 19 Jul 2021 11:18

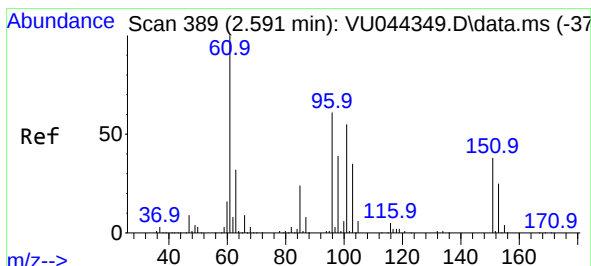
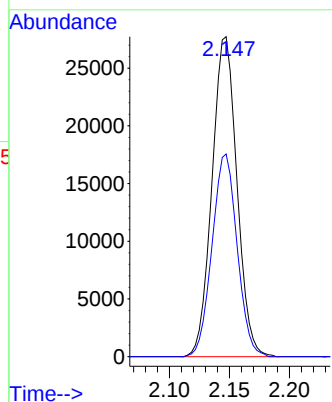
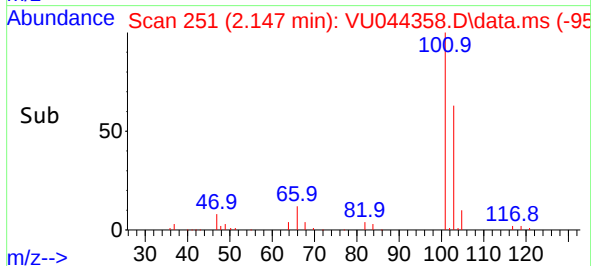
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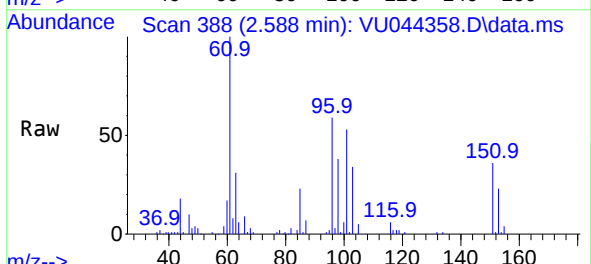
Tgt Ion:101 Resp: 40050
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.9 77.9

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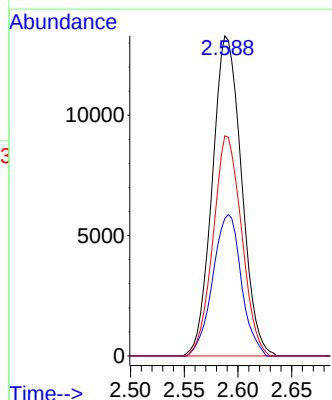
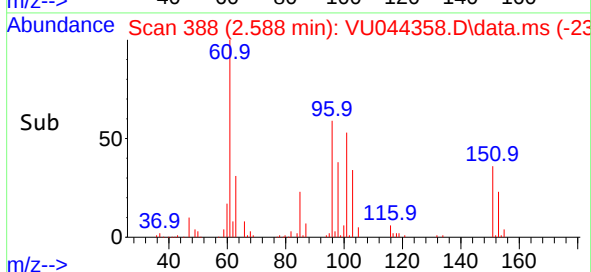
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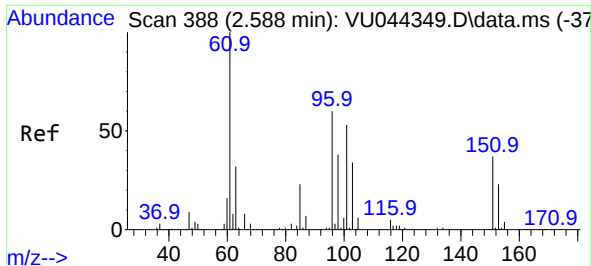


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.855 ug/l
 RT: 2.588 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU044358.D
 Acq: 19 Jul 2021 11:18



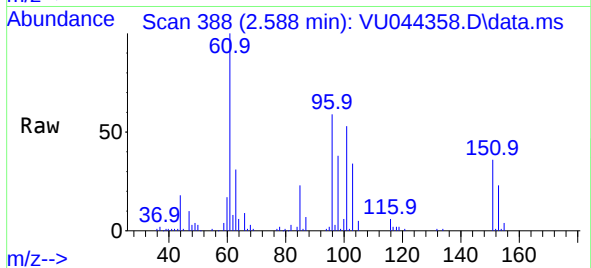
Tgt Ion:101 Resp: 25101
 Ion Ratio Lower Upper
 101 100
 85 43.3 35.8 53.8
 151 67.1 57.0 85.4





#9
1,1-Dichloroethene
Concen: 1.806 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

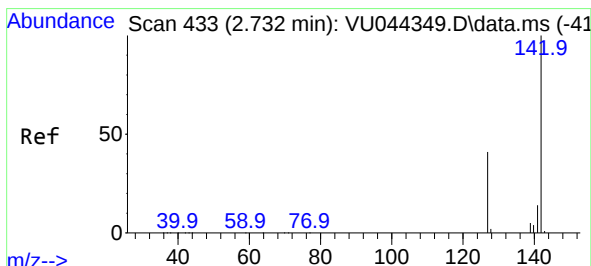
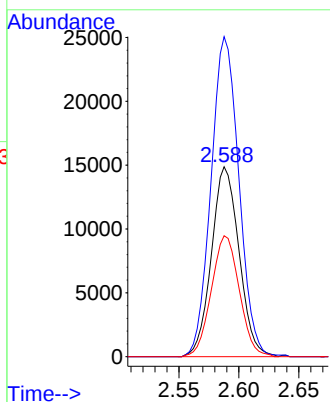
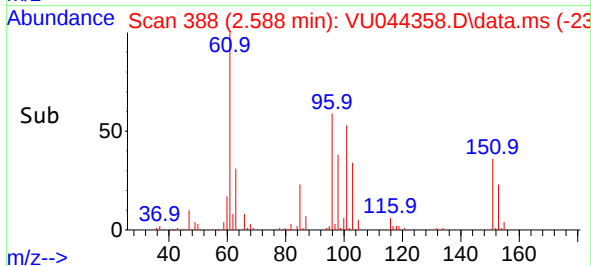
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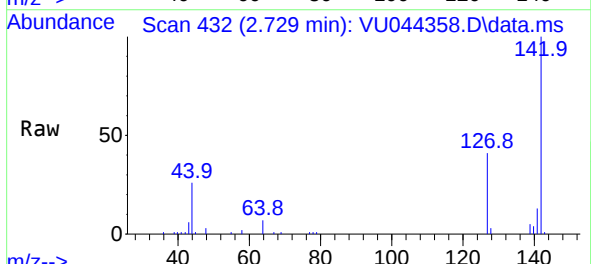
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Ion Ratio Lower Upper
96 100
61 168.5 0.0 528.0
98 63.7 0.0 127.4

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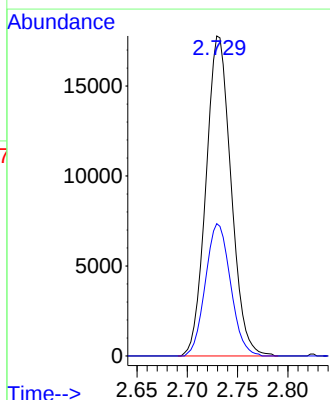
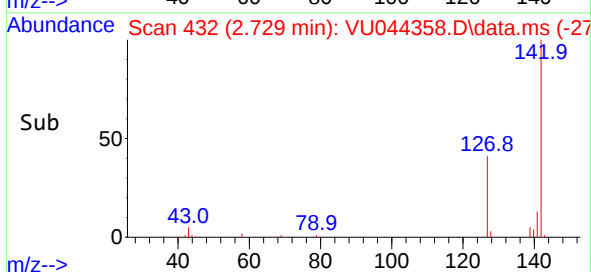
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

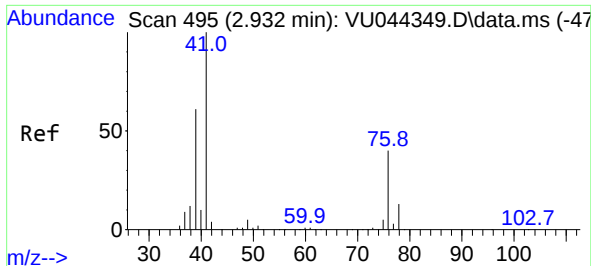


#10
Iodomethane
Concen: 1.784 ug/l
RT: 2.729 min Scan# 432
Delta R.T. -0.003 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18



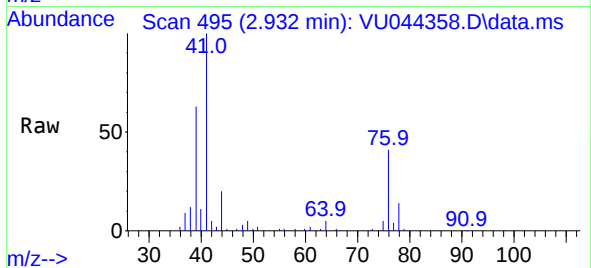
Tgt Ion:142 Resp: 30815
Ion Ratio Lower Upper
142 100
127 41.5 39.1 58.7





#11
 Allyl Chloride
 Concen: 1.799 ug/l
 RT: 2.932 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: VU044358.D
 Acq: 19 Jul 2021 11:18

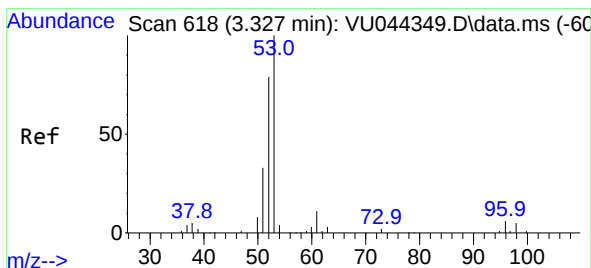
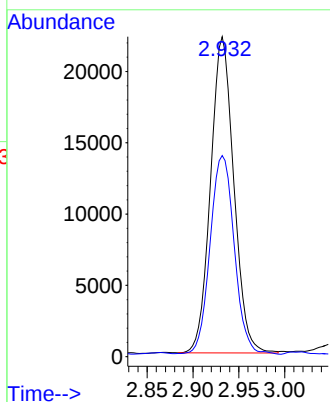
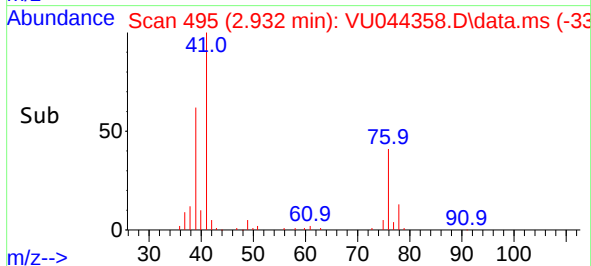
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0719WBSD01



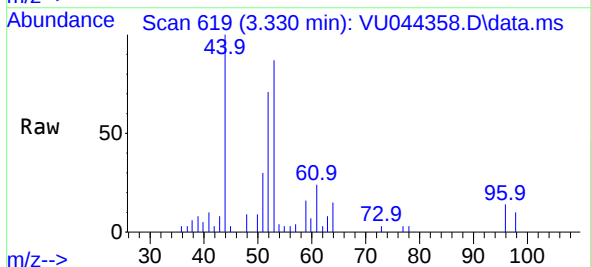
Tgt Ion: 41 Resp: 3909
 Ion Ratio Lower Upper
 41 100
 39 65.3 62.5 93.7

Manual Integrations
 APPROVED

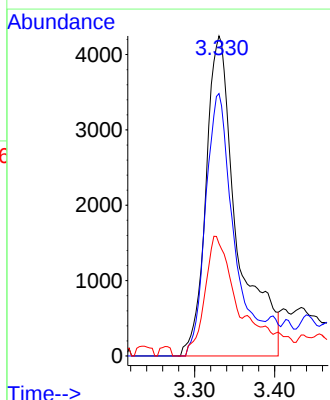
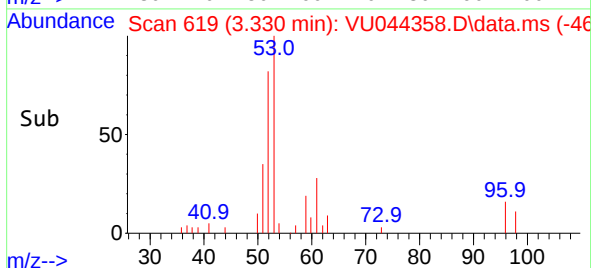
Reviewed By :John Carlone 07/20/2021
 Supervised By :Mahesh Dadoda 07/23/2021

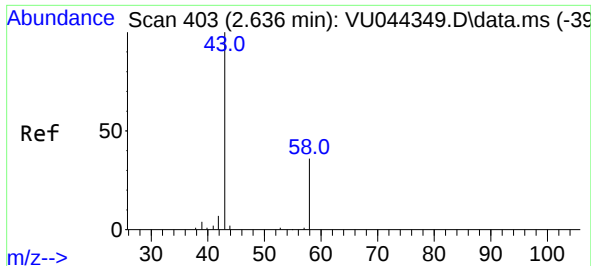


#12
 Acrylonitrile
 Concen: 3.804 ug/l
 RT: 3.330 min Scan# 619
 Delta R.T. 0.003 min
 Lab File: VU044358.D
 Acq: 19 Jul 2021 11:18



Tgt Ion: 53 Resp: 11507
 Ion Ratio Lower Upper
 53 100
 52 74.5 67.0 100.4
 51 31.7 29.8 44.6





#13

Acetone

Concen: 8.207 ug/l

RT: 2.639 min Scan# 403

Delta R.T. 0.003 min

Lab File: VU044358.D

Acq: 19 Jul 2021 11:18

Instrument :

MSVOA_U

ClientSampleId :

VU0719WBSD01

Tgt Ion: 43 Resp: 1238

Ion Ratio Lower Upper

43 100

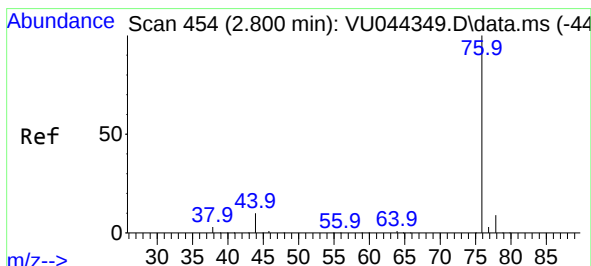
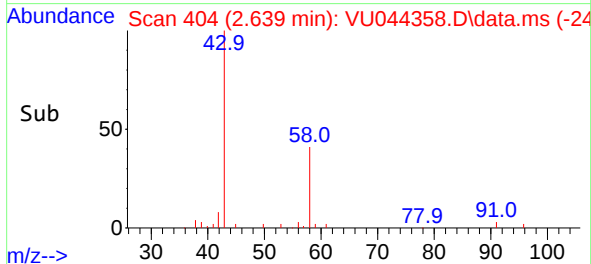
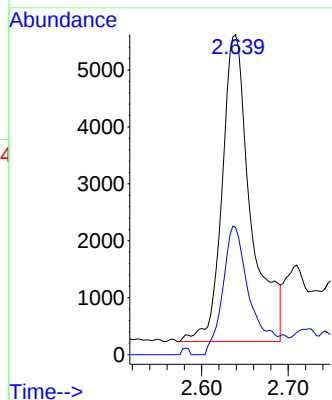
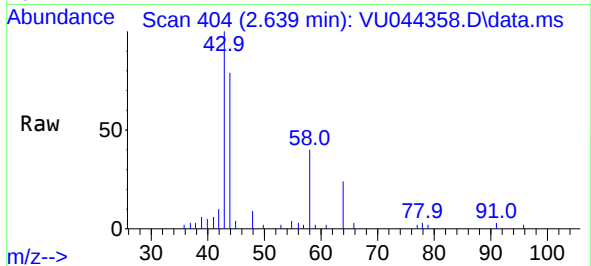
58 41.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2021

Supervised By :Mahesh Dadoda 07/23/2021



#14

Carbon Disulfide

Concen: 1.843 ug/l

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU044358.D

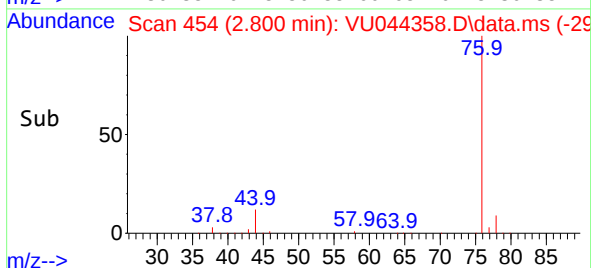
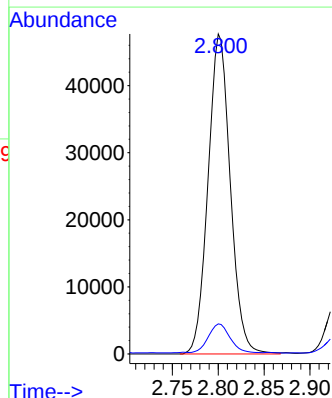
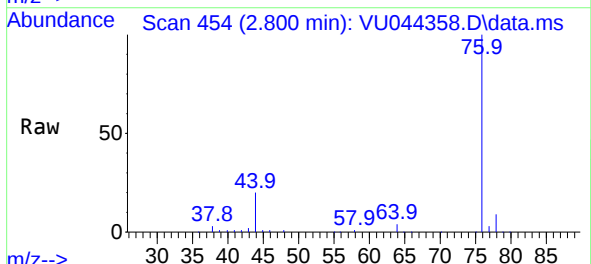
Acq: 19 Jul 2021 11:18

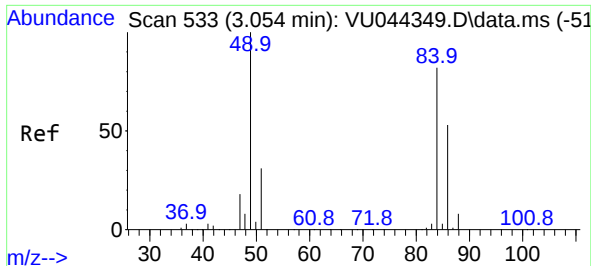
Tgt Ion: 76 Resp: 80508

Ion Ratio Lower Upper

76 100

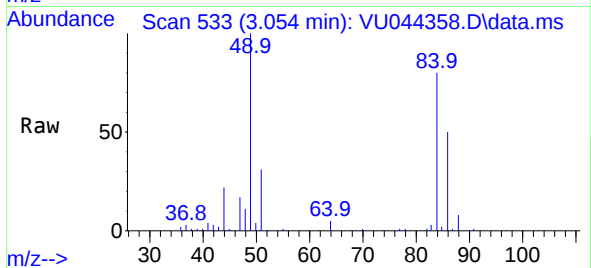
78 9.0 7.1 10.7





#15
Methylene Chloride
Concen: 1.633 ug/l
RT: 3.054 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

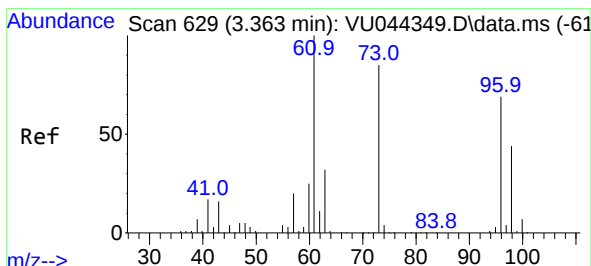
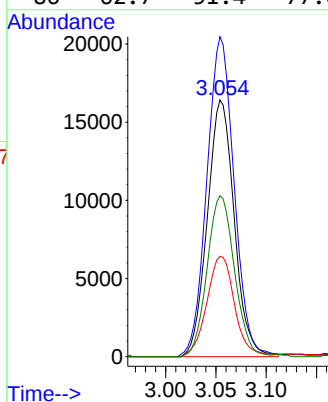
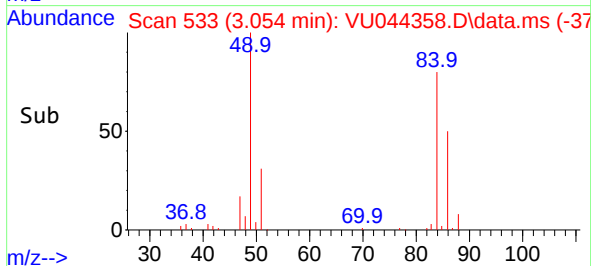
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



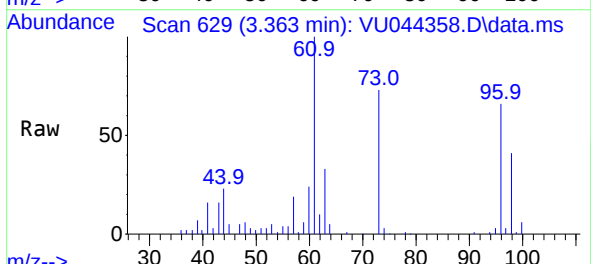
Tgt Ion: 84 Resp: 3059
Ion Ratio Lower Upper
84 100
49 124.6 106.3 159.5
51 39.1 0.0 81.8
86 62.7 51.4 77.0

Manual Integrations
APPROVED

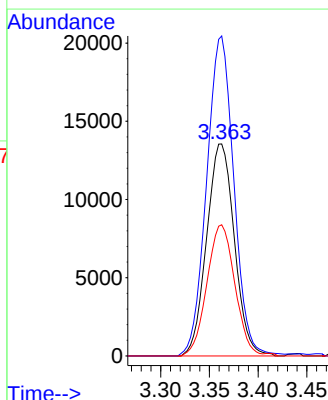
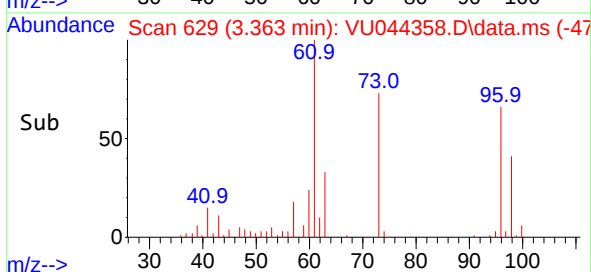
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

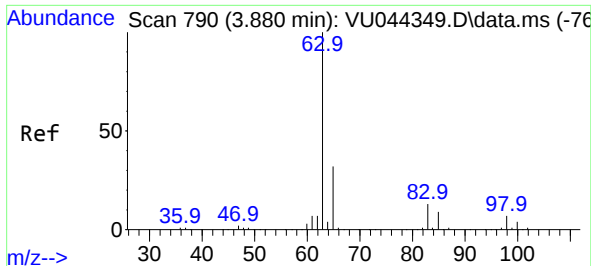


#16
trans-1,2-Dichloroethene
Concen: 1.825 ug/l
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18



Tgt Ion: 96 Resp: 26873
Ion Ratio Lower Upper
96 100
61 151.0 119.3 178.9
98 61.9 50.8 76.2





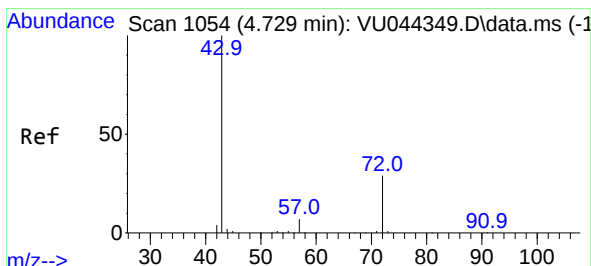
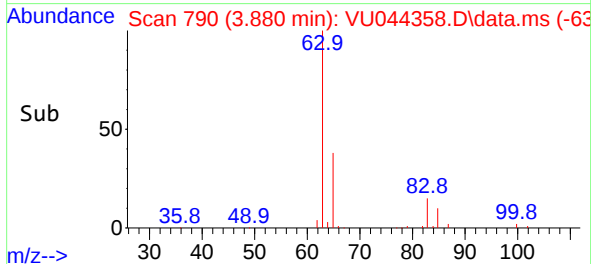
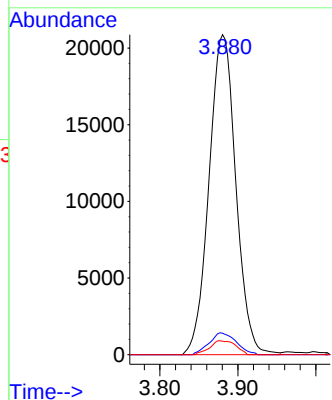
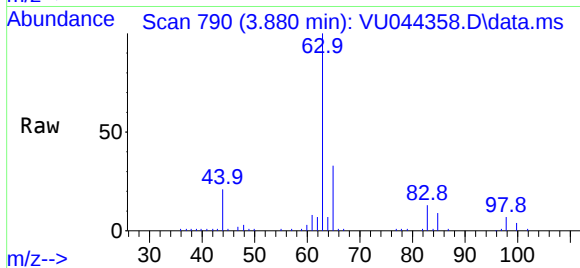
#17
1,1-Dichloroethane
Concen: 1.820 ug/l
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01

Tgt Ion: 63 Resp: 49892
Ion Ratio Lower Upper
63 100
98 6.7 3.5 10.5
100 4.2 2.0 5.8

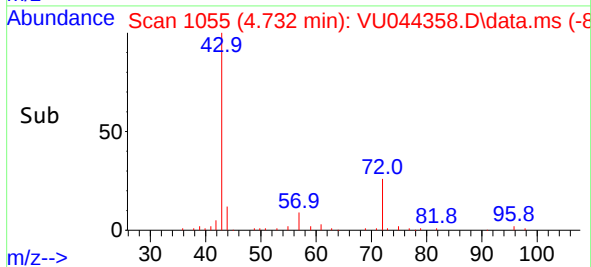
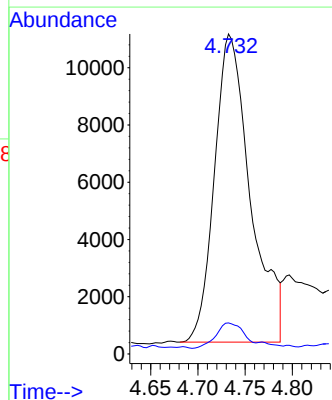
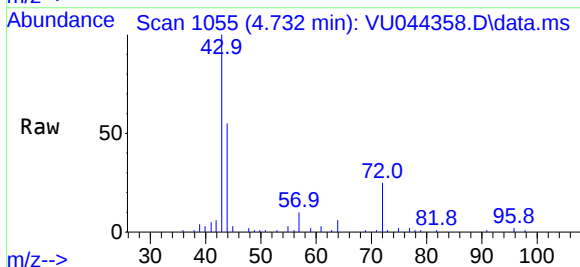
Manual Integrations
APPROVED

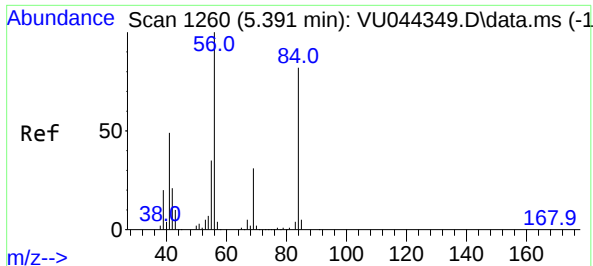
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#18
2-Butanone
Concen: 8.818 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. 0.003 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

Tgt Ion: 43 Resp: 28529
Ion Ratio Lower Upper
43 100
57 7.9 0.0 17.6





Cyclohexane

Concen: 1.858 ug/l

RT: 5.391 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU044358.D

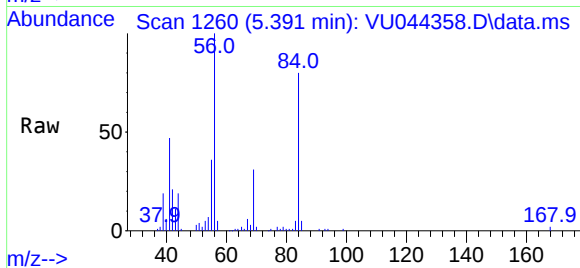
Acq: 19 Jul 2021 11:18

Instrument :

MSVOA_U

ClientSampleId :

VU0719WBSD01



Tgt Ion: 56 Resp: 4656

Ion Ratio Lower Upper

56 100

69 33.6 26.6 40.0

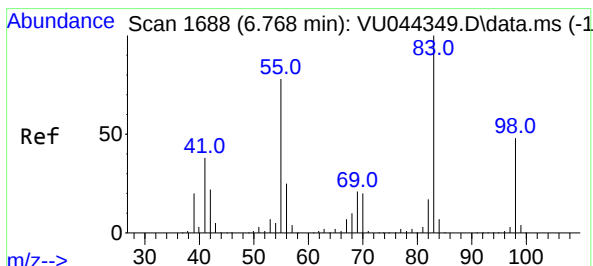
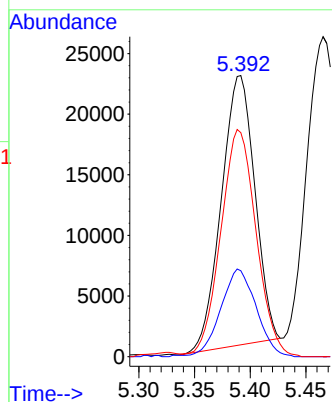
84 87.6 73.0 109.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2021

Supervised By :Mahesh Dadoda 07/23/2021



Methylcyclohexane

Concen: 1.789 ug/l

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU044358.D

Acq: 19 Jul 2021 11:18

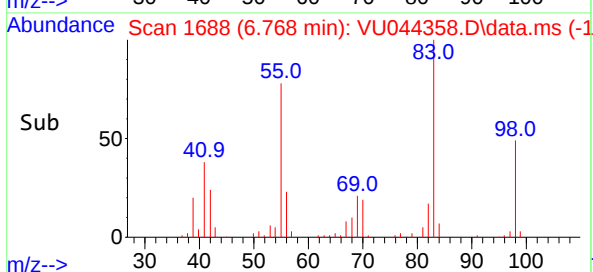
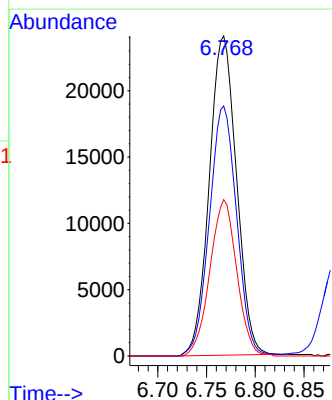
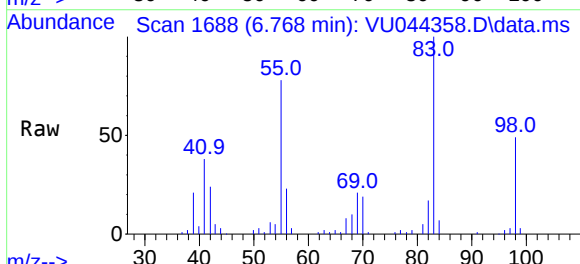
Tgt Ion: 83 Resp: 46764

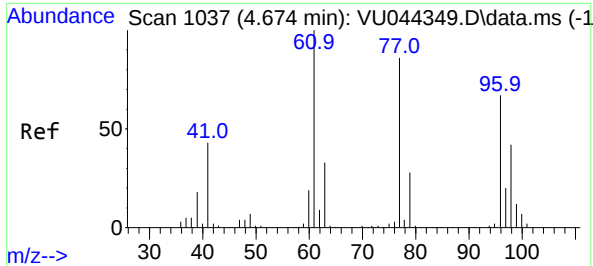
Ion Ratio Lower Upper

83 100

55 77.9 61.0 91.6

98 48.3 39.3 58.9





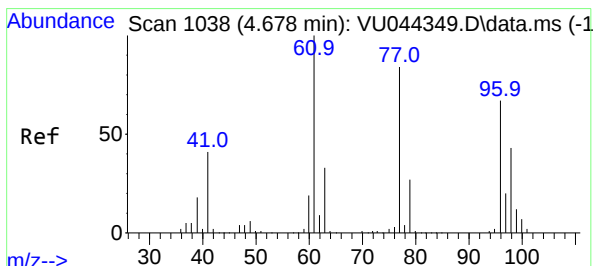
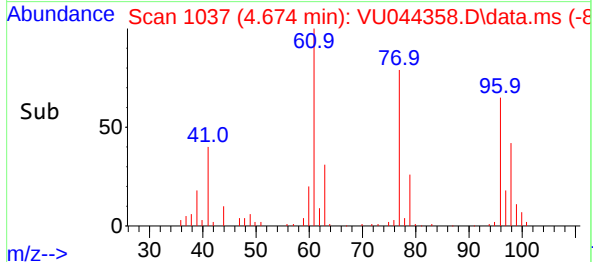
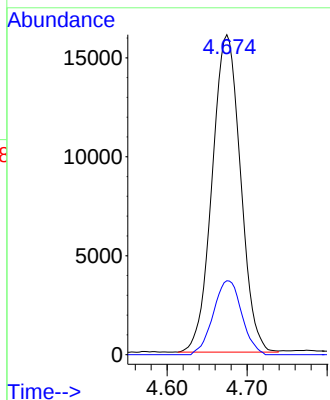
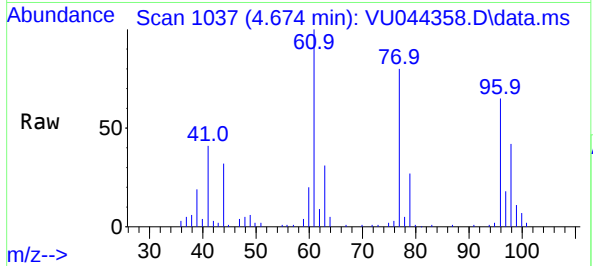
#21
2,2-Dichloropropane
Concen: 1.756 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01

Tgt Ion: 77 Resp: 3948
Ion Ratio Lower Upper
77 100
97 23.4 16.8 25.2

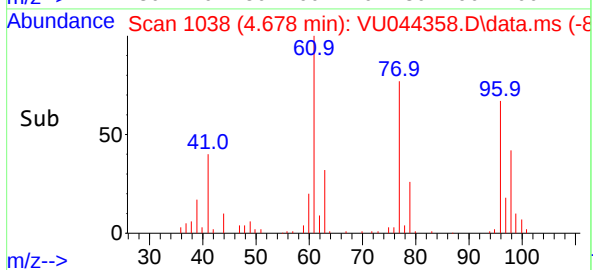
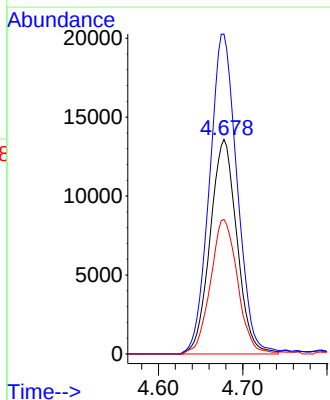
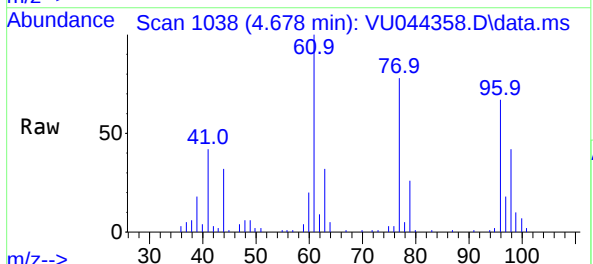
Manual Integrations
APPROVED

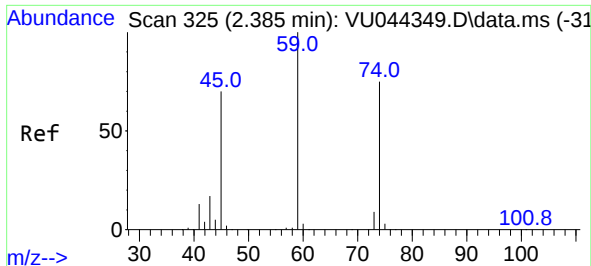
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#22
cis-1,2-Dichloroethene
Concen: 1.866 ug/l
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

Tgt Ion: 96 Resp: 30018
Ion Ratio Lower Upper
96 100
61 153.8 0.0 407.7
98 63.3 32.5 97.4





#23

Diethyl Ether

Concen: 1.845 ug/l

RT: 2.385 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU044358.D

Acq: 19 Jul 2021 11:18

Instrument :

MSVOA_U

ClientSampleId :

VU0719WBSD01

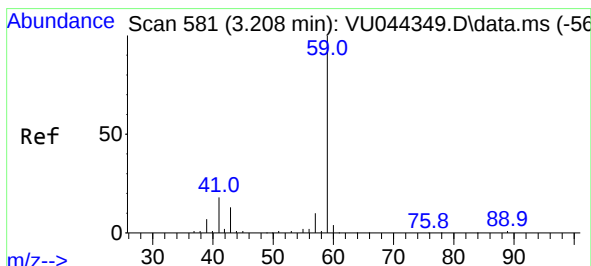
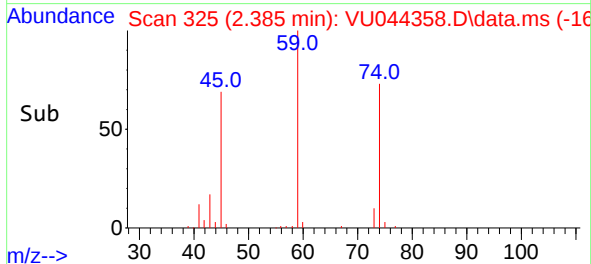
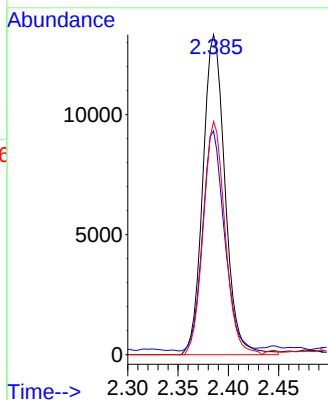
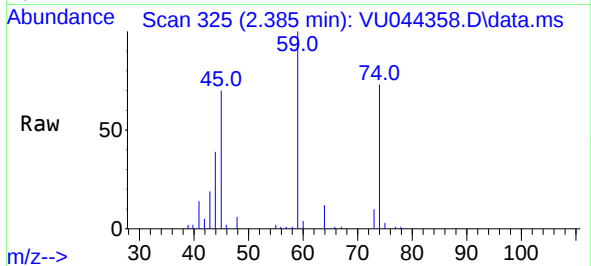
Tgt Ion: 59 Resp: 2043
 Ion Ratio Lower Upper
 59 100
 45 67.6 55.7 83.5
 74 71.5 59.7 89.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2021

Supervised By :Mahesh Dadoda 07/23/2021



#24

tert-Butyl Alcohol

Concen: 15.655 ug/l

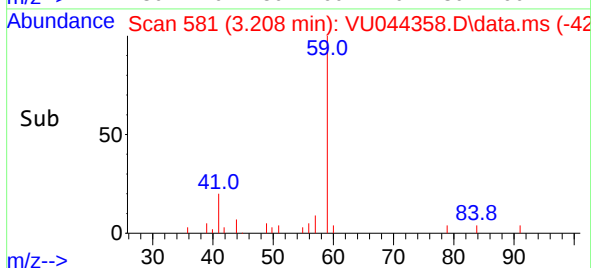
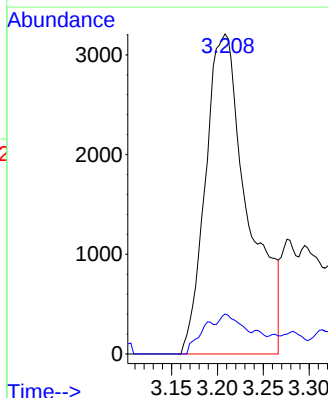
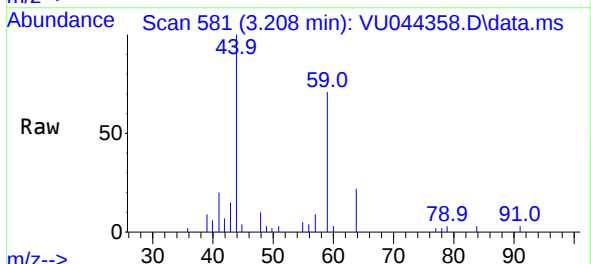
RT: 3.208 min Scan# 581

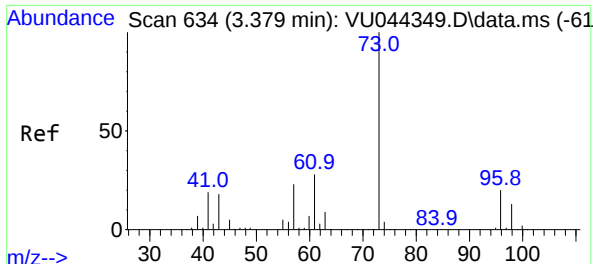
Delta R.T. 0.000 min

Lab File: VU044358.D

Acq: 19 Jul 2021 11:18

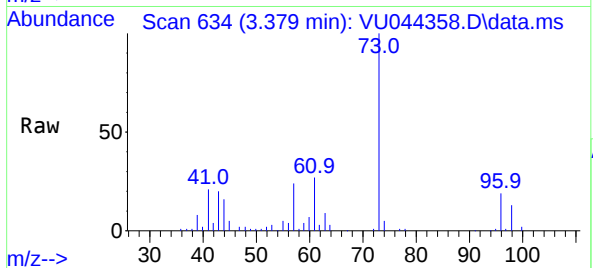
Tgt Ion: 59 Resp: 10288
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#





#25
Methyl tert-Butyl Ether
Concen: 1.830 ug/l
RT: 3.379 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

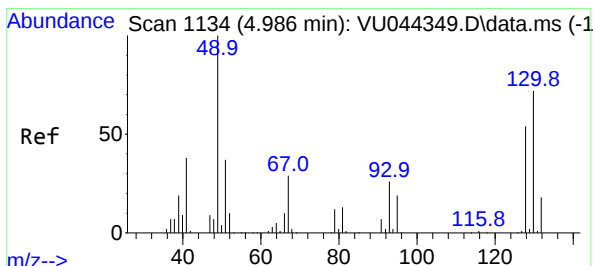
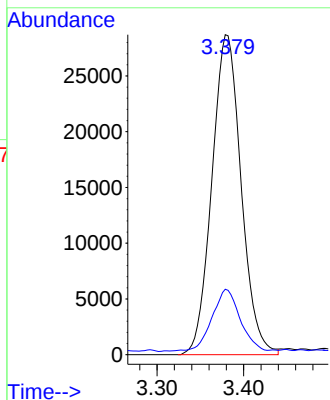
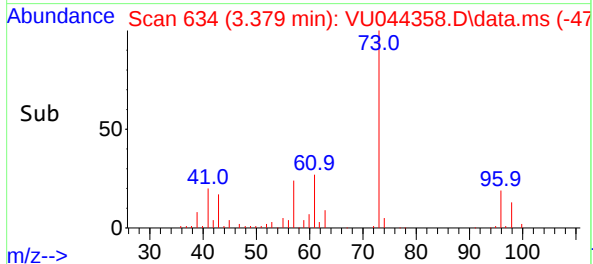
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



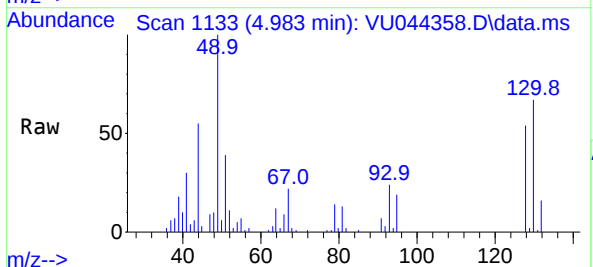
Tgt Ion: 73 Resp: 6742
Ion Ratio Lower Upper
73 100
43 18.4 17.3 25.9

Manual Integrations
APPROVED

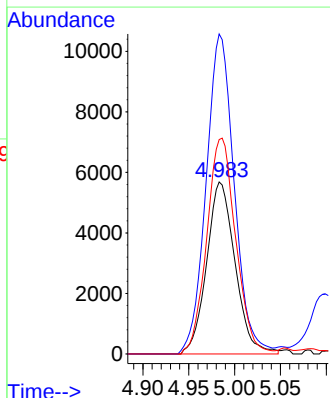
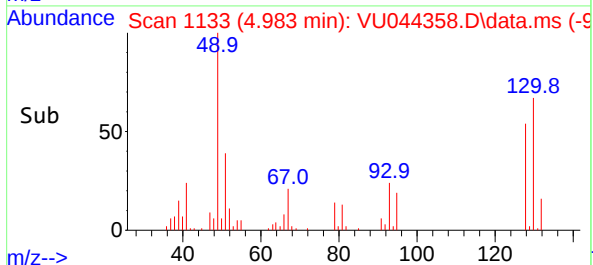
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

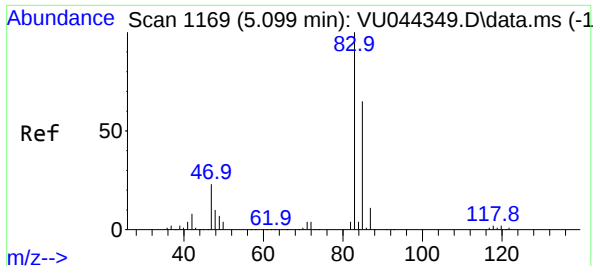


#26
Bromochloromethane
Concen: 1.801 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18



Tgt Ion:128 Resp: 12266
Ion Ratio Lower Upper
128 100
49 183.5 0.0 364.2
130 127.9 103.5 155.3





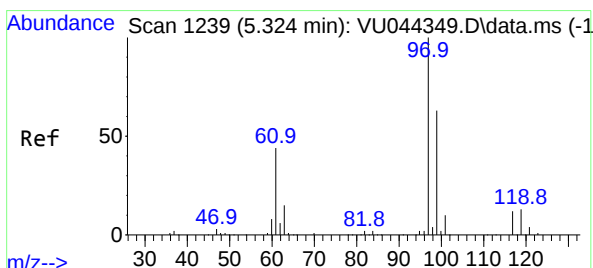
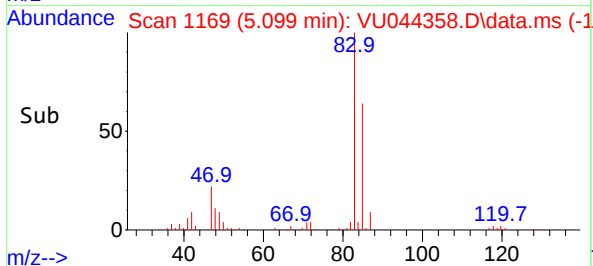
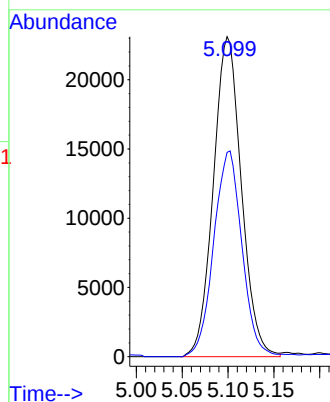
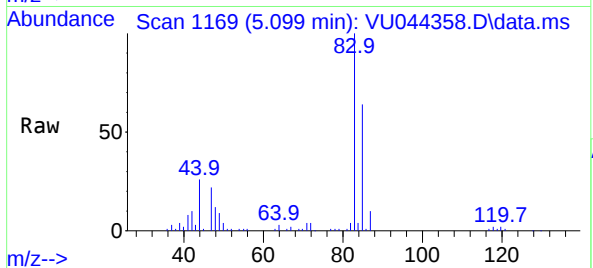
#27
Chloroform
Concen: 1.853 ug/l
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01

Tgt Ion: 83 Resp: 4917
Ion Ratio Lower Upper
83 100
85 63.9 0.0 127.8

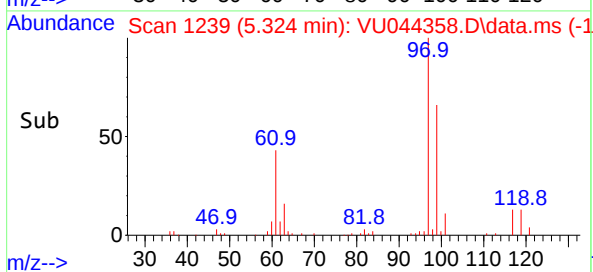
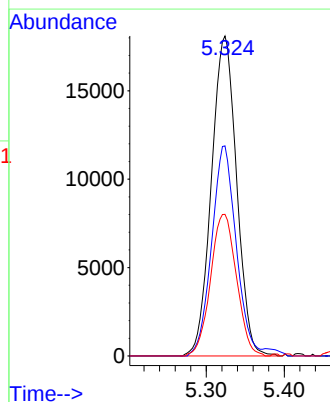
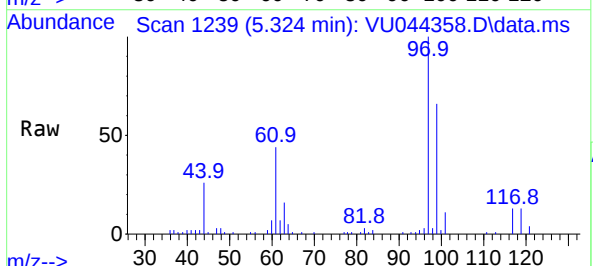
Manual Integrations
APPROVED

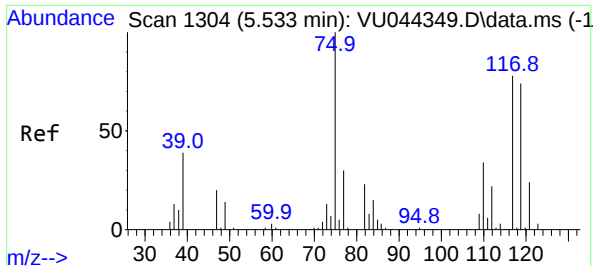
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#28
1,1,1-Trichloroethane
Concen: 1.839 ug/l
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

Tgt Ion: 97 Resp: 40702
Ion Ratio Lower Upper
97 100
99 63.9 32.0 96.2
61 45.5 23.8 71.5





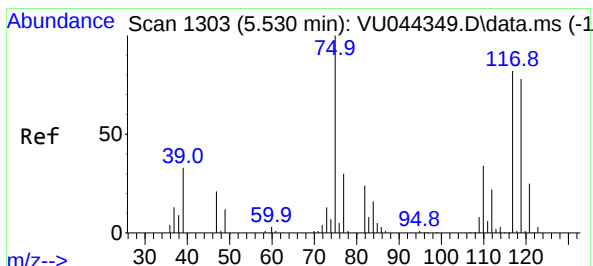
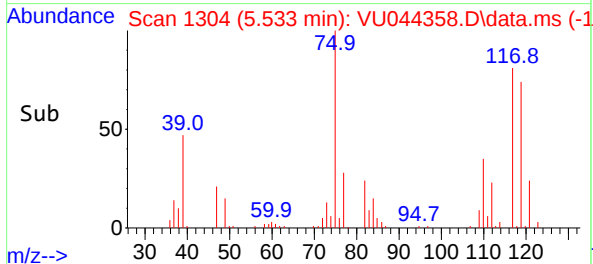
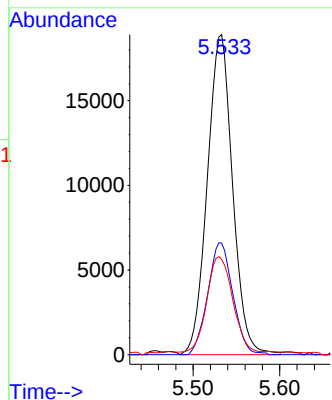
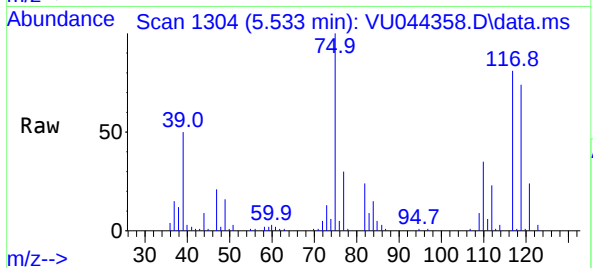
#29
1,1-Dichloropropene
Concen: 1.823 ug/l
RT: 5.533 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01

Tgt Ion: 75 Resp: 3832
Ion Ratio Lower Upper
75 100
110 34.8 17.3 51.9
77 30.2 24.6 37.0

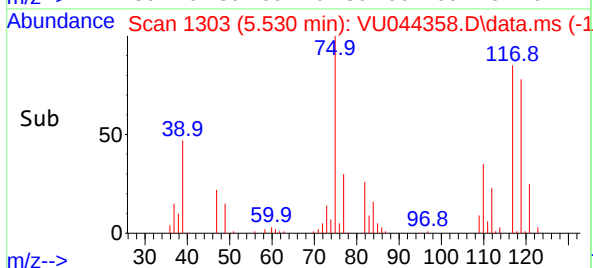
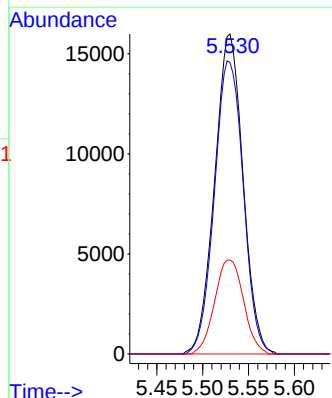
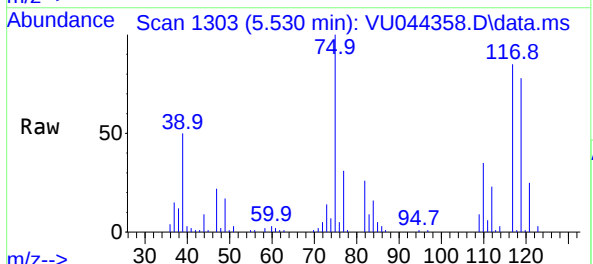
Manual Integrations
APPROVED

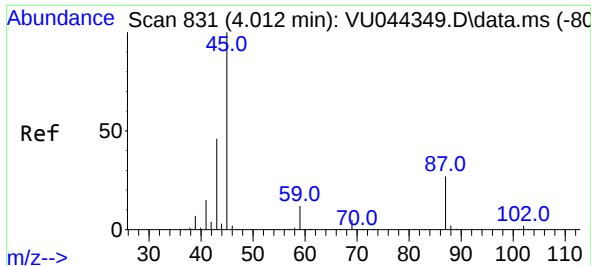
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#30
Carbon Tetrachloride
Concen: 1.864 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

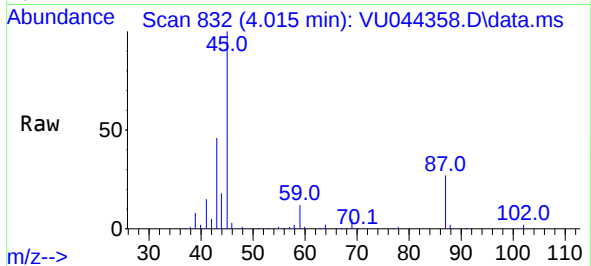
Tgt Ion:117 Resp: 34397
Ion Ratio Lower Upper
117 100
119 91.1 77.0 115.6
121 29.4 24.2 36.4





#31
Isopropyl Ether
Concen: 1.849 ug/l
RT: 4.015 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

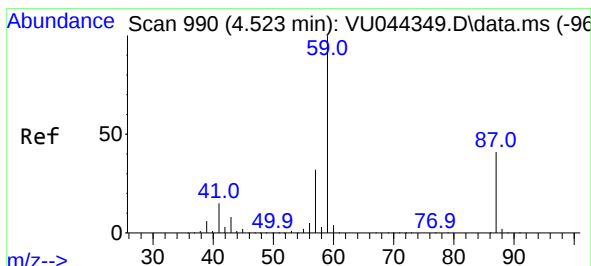
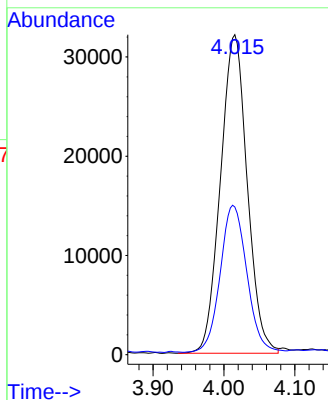
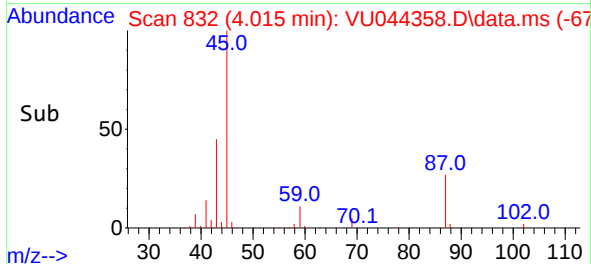
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



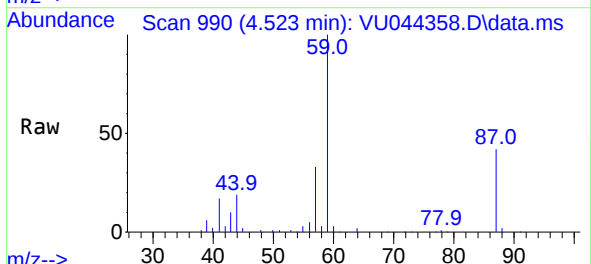
Tgt Ion: 45 Resp: 84330
Ion Ratio Lower Upper
45 100
43 45.9 24.9 74.6

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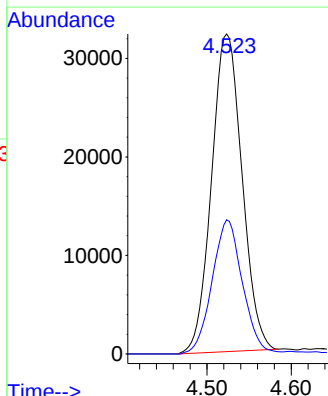
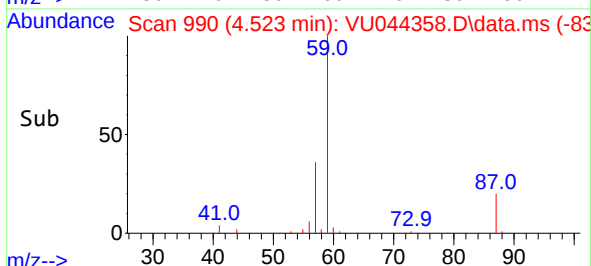
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

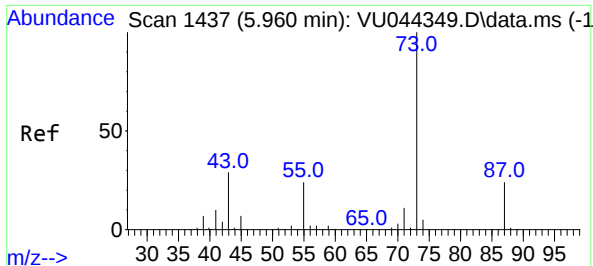


#32
Ethyl-t-butyl ether
Concen: 1.802 ug/l
RT: 4.523 min Scan# 990
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18



Tgt Ion: 59 Resp: 81059
Ion Ratio Lower Upper
59 100
87 41.1 31.3 46.9





#33
Tert-Amyl methyl ether
Concen: 1.839 ug/l
RT: 5.961 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

Instrument :

MSVOA_U

ClientSampleId :

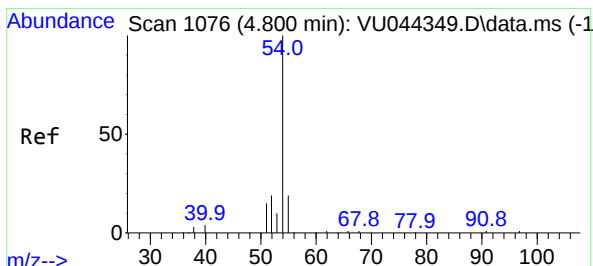
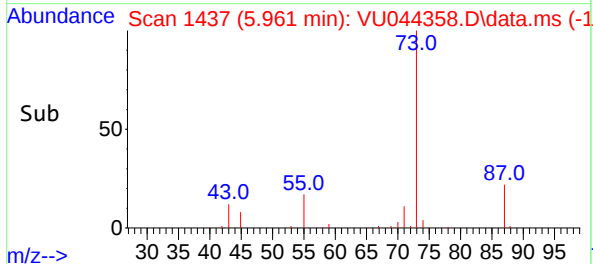
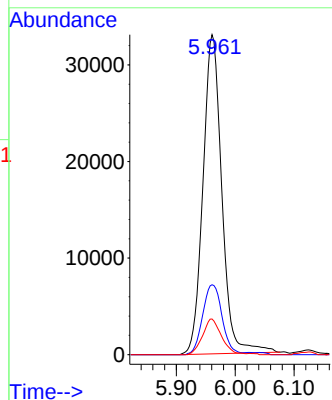
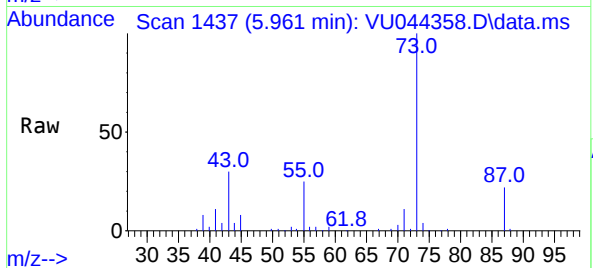
VU0719WBSD01

Tgt Ion: 73 Resp: 7356
Ion Ratio Lower Upper
73 100
87 21.9 19.8 29.6
71 10.8 9.1 13.7

Manual Integrations

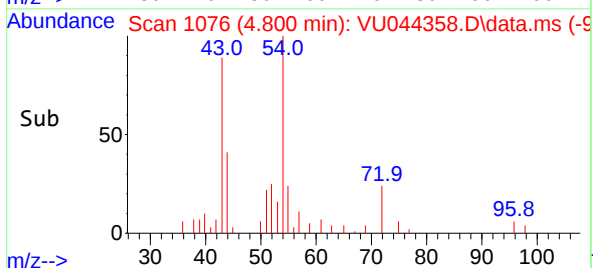
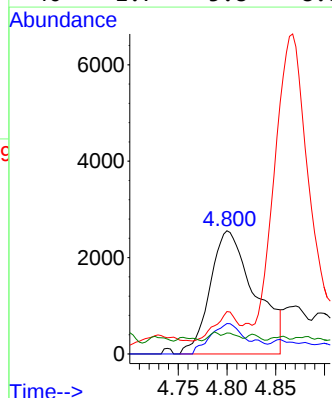
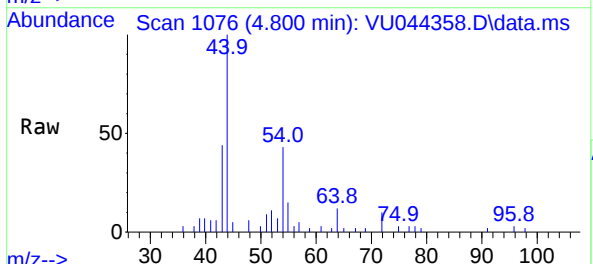
APPROVED

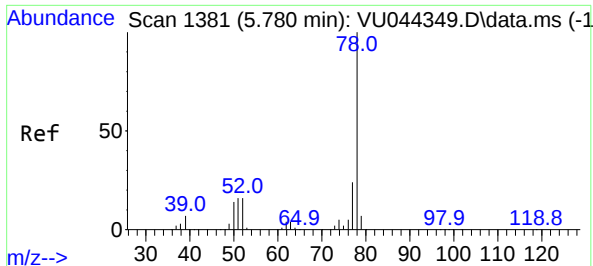
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#34
Propionitrile
Concen: 8.874 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

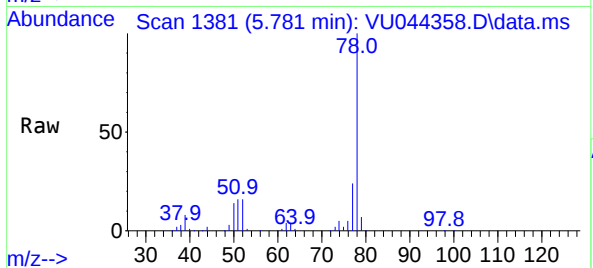
Tgt Ion: 54 Resp: 8126
Ion Ratio Lower Upper
54 100
52 18.0 16.3 24.5
55 12.1 10.7 16.1
40 1.7 5.8 8.8#





#35
Benzene
Concen: 1.817 ug/l
RT: 5.781 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

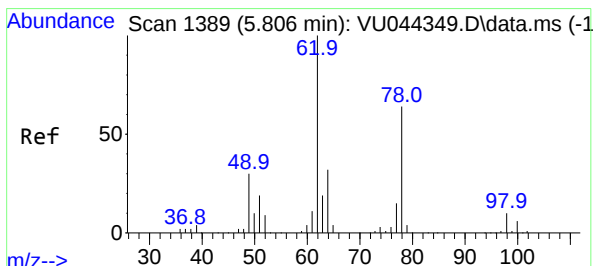
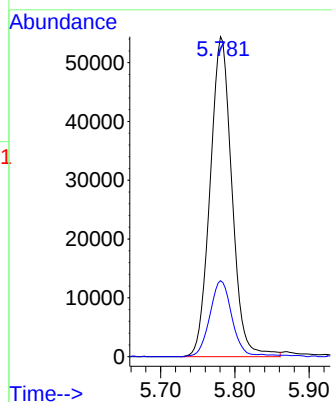
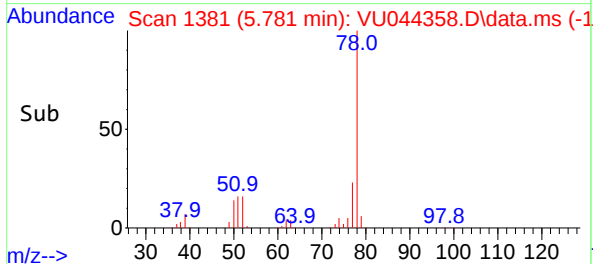
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



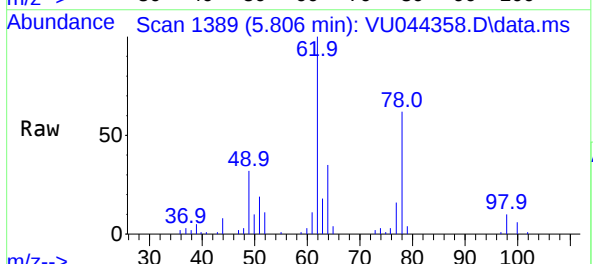
Tgt Ion: 78 Resp: 11101
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0

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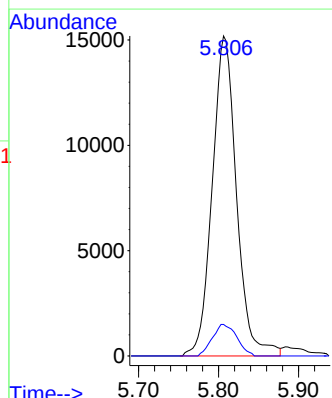
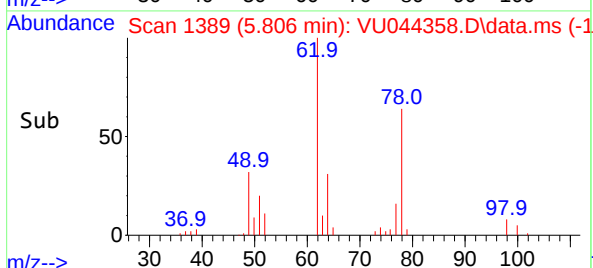
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

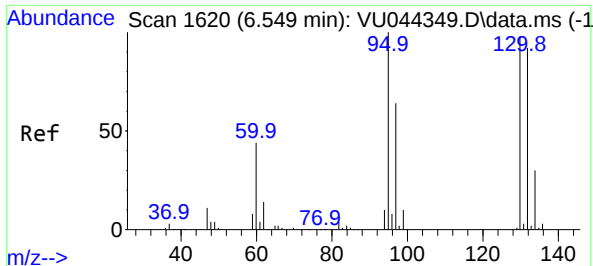


#36
1,2-Dichloroethane
Concen: 1.827 ug/l
RT: 5.806 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18



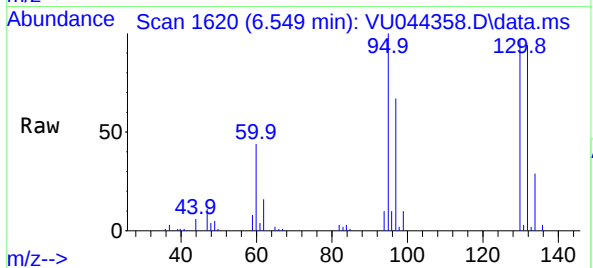
Tgt Ion: 62 Resp: 32036
Ion Ratio Lower Upper
62 100
98 9.9 7.0 10.6





#37
Trichloroethene
Concen: 1.782 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

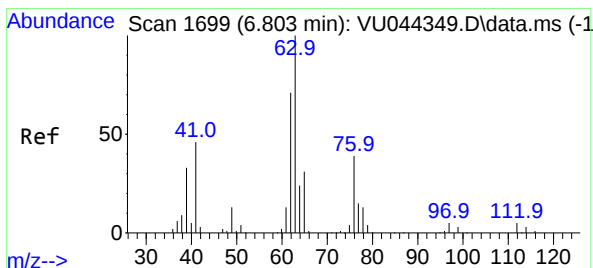
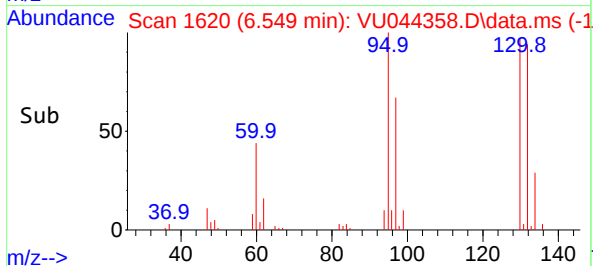
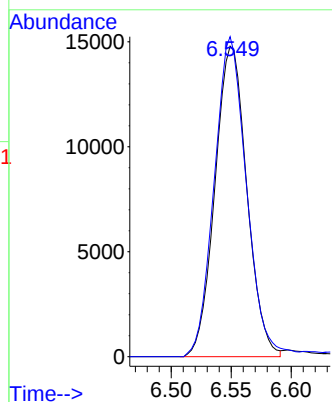
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



Tgt Ion:130 Resp: 27369
Ion Ratio Lower Upper
130 100
95 103.0 77.8 116.6

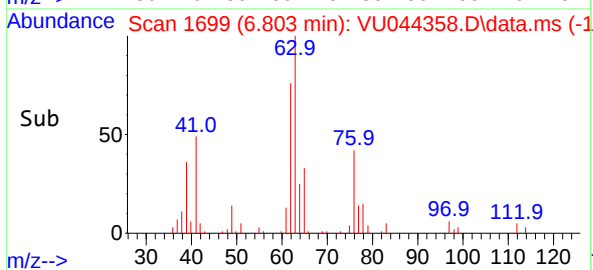
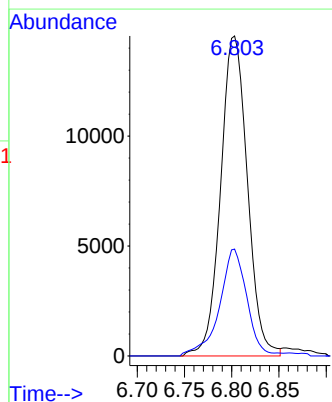
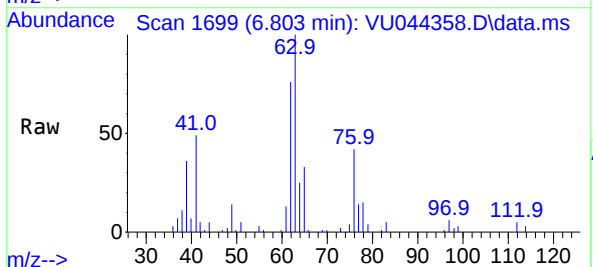
Manual Integrations
APPROVED

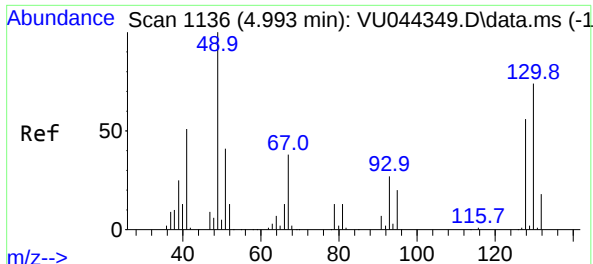
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#38
1,2-Dichloropropane
Concen: 1.777 ug/l
RT: 6.803 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

Tgt Ion: 63 Resp: 28742
Ion Ratio Lower Upper
63 100
65 33.4 24.7 37.1





#39

Methacrylonitrile

Concen: 1.792 ug/l

RT: 4.993 min Scan# 1136

Delta R.T. 0.000 min

Lab File: VU044358.D

Acq: 19 Jul 2021 11:18

Instrument :

MSVOA_U

ClientSampleId :

VU0719WBSD01

Tgt Ion: 41 Resp: 9358

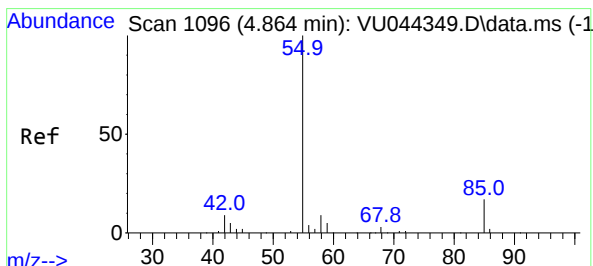
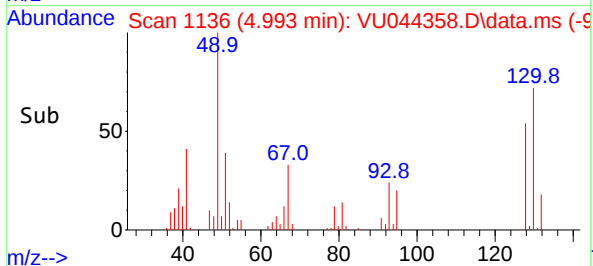
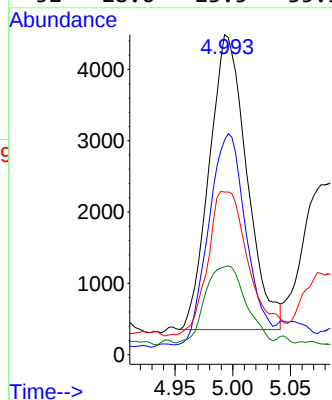
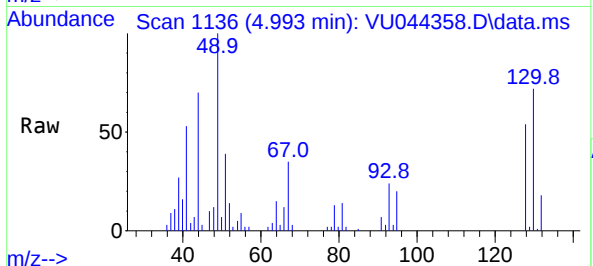
Ion	Ratio	Lower	Upper
41	100		
67	71.6	60.6	91.0
39	52.4	43.9	65.9
52	28.6	23.5	35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2021

Supervised By :Mahesh Dadoda 07/23/2021



#40

Methyl acrylate

Concen: 1.761 ug/l

RT: 4.867 min Scan# 1097

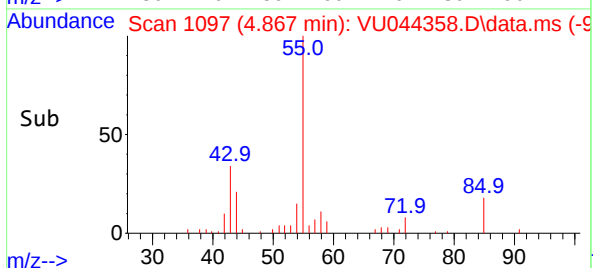
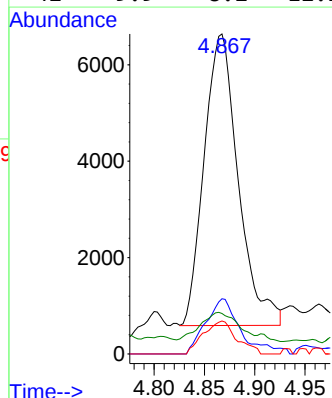
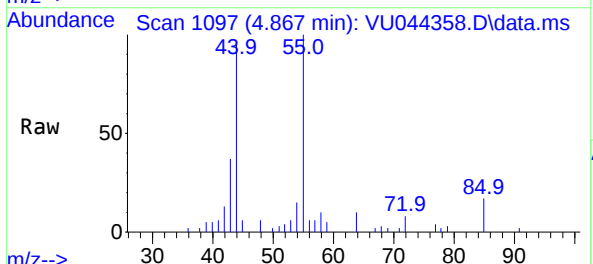
Delta R.T. 0.003 min

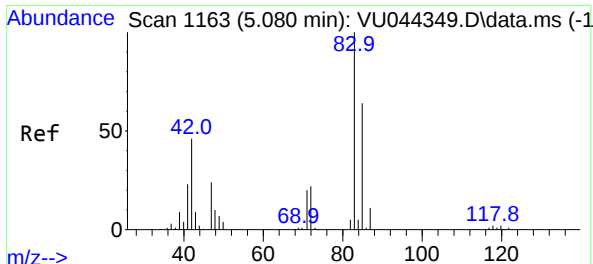
Lab File: VU044358.D

Acq: 19 Jul 2021 11:18

Tgt Ion: 55 Resp: 14306

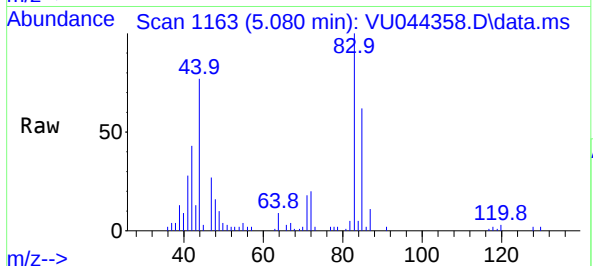
Ion	Ratio	Lower	Upper
55	100		
85	18.9	14.6	21.8
58	10.9	9.0	13.4
42	9.9	8.2	12.2





#41
Tetrahydrofuran
Concen: 3.299 ug/l
RT: 5.080 min Scan# 1163
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

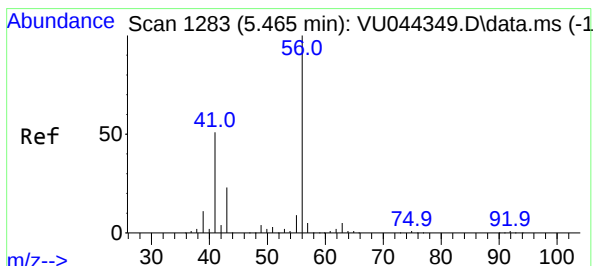
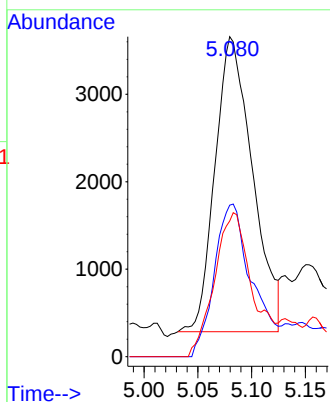
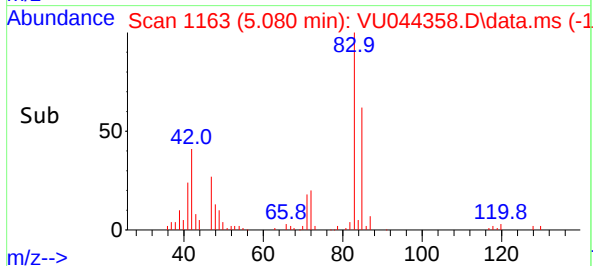
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



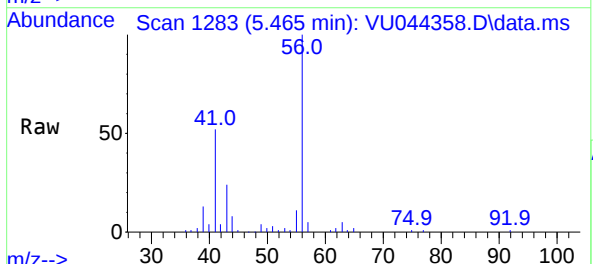
Tgt Ion: 42 Resp: 8169
Ion Ratio Lower Upper
42 100
72 52.2 39.8 59.6
71 48.9 34.4 51.6

Manual Integrations
APPROVED

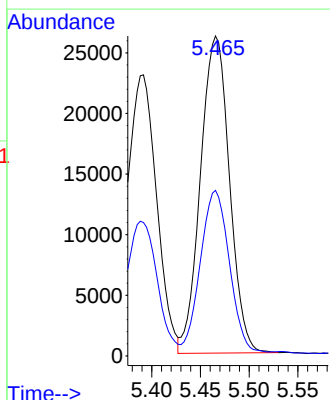
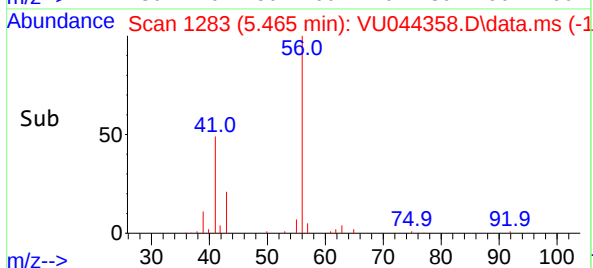
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

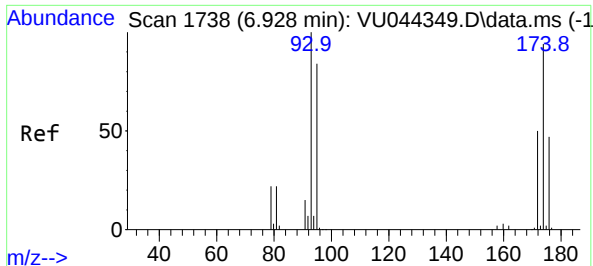


#42
1-Chlorobutane
Concen: 1.824 ug/l
RT: 5.465 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18



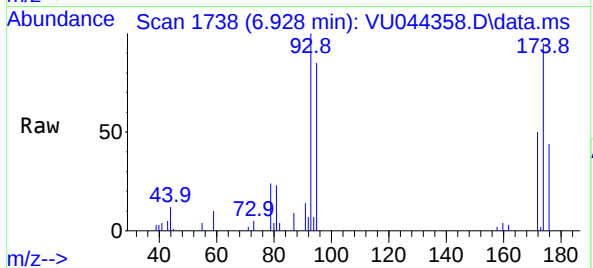
Tgt Ion: 56 Resp: 54199
Ion Ratio Lower Upper
56 100
41 50.2 27.4 82.0





#43
Dibromomethane
Concen: 1.846 ug/l
RT: 6.928 min Scan# 1738
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

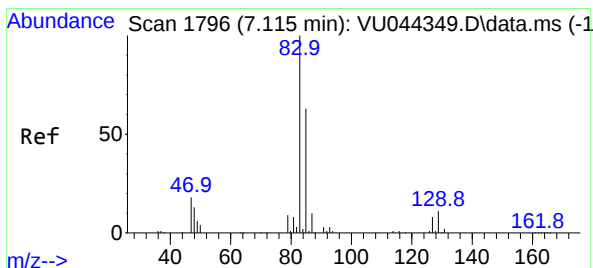
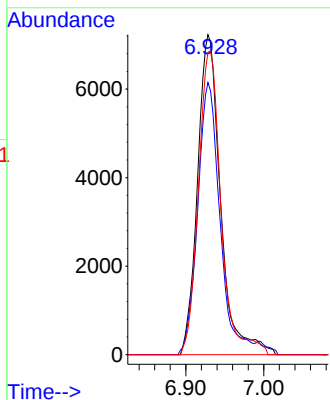
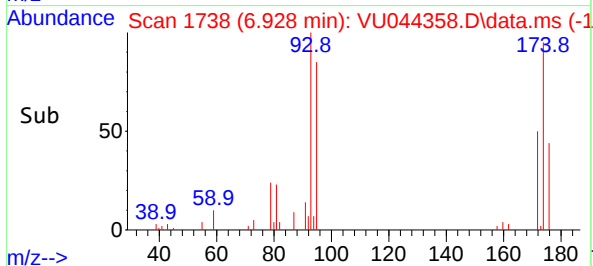
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



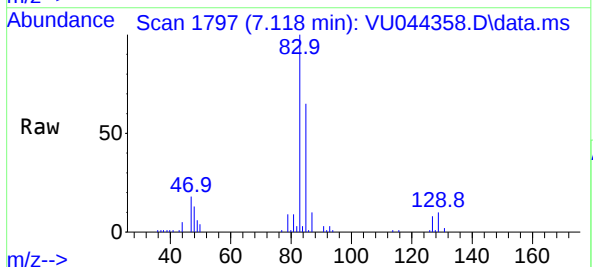
Tgt Ion: 93 Resp: 1481
Ion Ratio Lower Upper
93 100
95 82.1 65.2 97.8
174 93.6 78.2 117.4

Manual Integrations
APPROVED

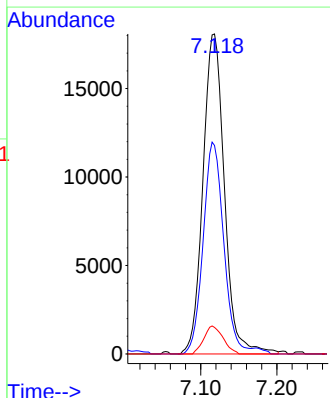
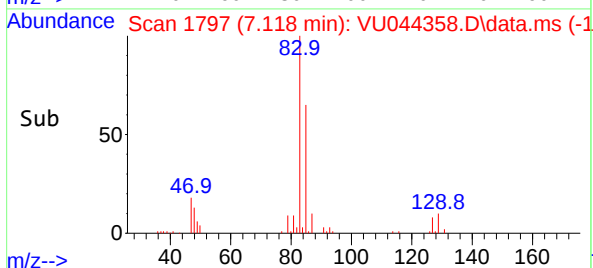
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

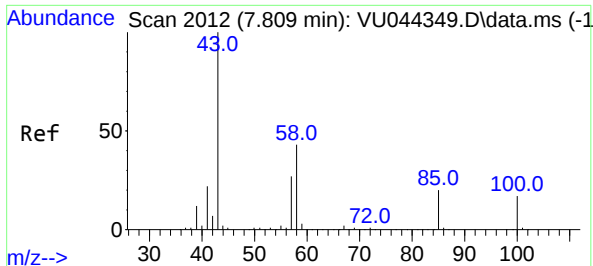


#44
Bromodichloromethane
Concen: 1.866 ug/l
RT: 7.118 min Scan# 1797
Delta R.T. 0.003 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18



Tgt Ion: 83 Resp: 35510
Ion Ratio Lower Upper
83 100
85 65.1 51.3 76.9
127 8.3 7.3 10.9





#45
4-Methyl-2-Pentanone
Concen: 9.091 ug/l
RT: 7.809 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

Instrument :

MSVOA_U

ClientSampleId :

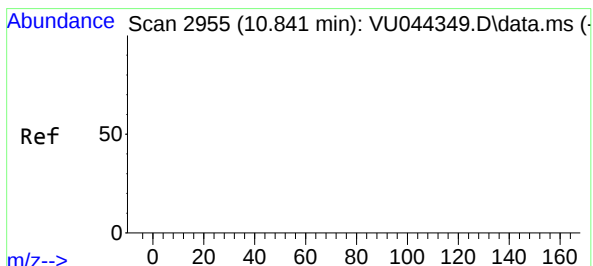
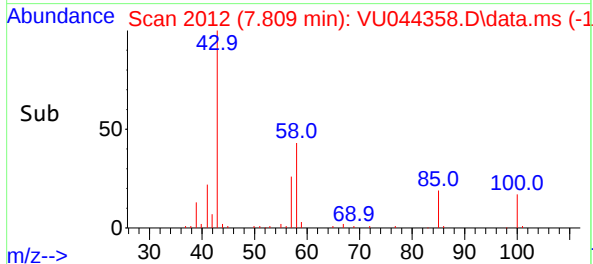
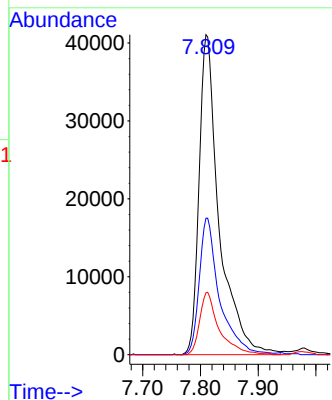
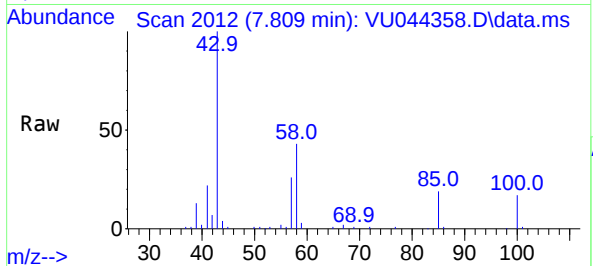
VU0719WBSD01

Tgt Ion: 43 Resp: 99070
Ion Ratio Lower Upper
43 100
58 43.1 19.8 59.3
85 18.8 14.6 21.8

Manual Integrations

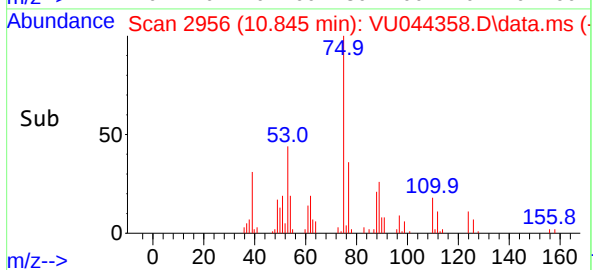
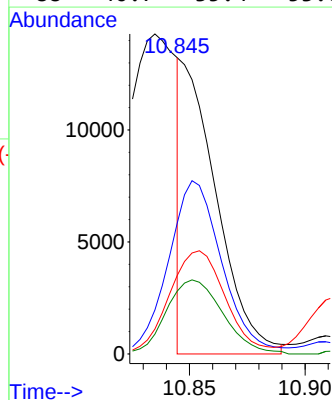
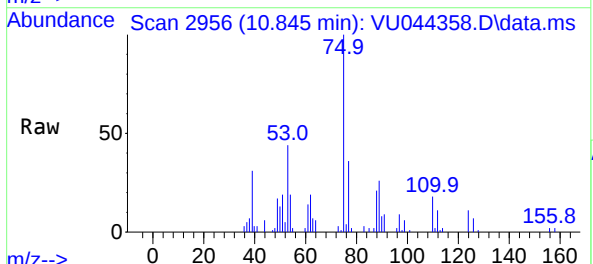
APPROVED

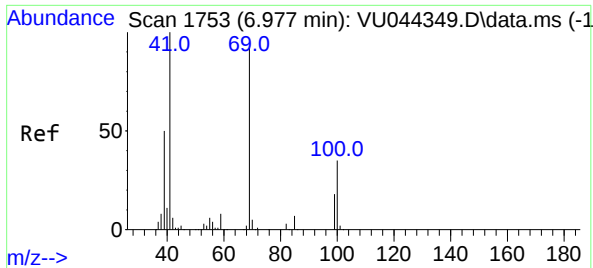
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#46
t-1,4-Dichloro-2-butene
Concen: 2.996 ug/l m
RT: 10.845 min Scan# 2956
Delta R.T. 0.003 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

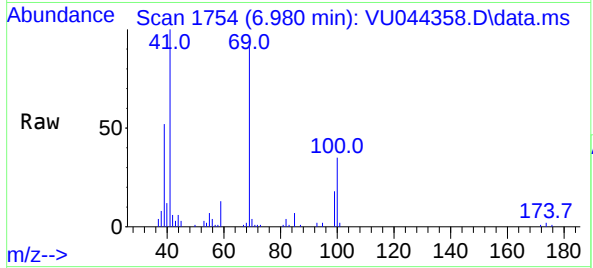
Tgt Ion: 75 Resp: 13838
Ion Ratio Lower Upper
75 100
53 90.6 63.7 95.5
89 56.5 44.6 67.0
88 40.7 35.4 53.0





#47
Methyl methacrylate
Concen: 3.616 ug/l
RT: 6.980 min Scan# 1754
Delta R.T. 0.003 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

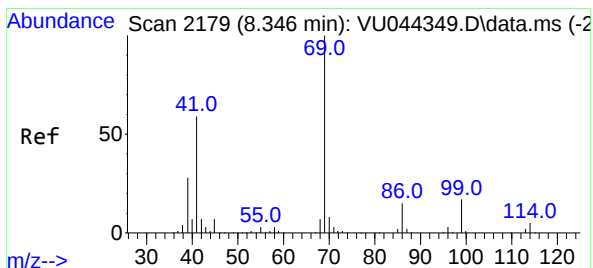
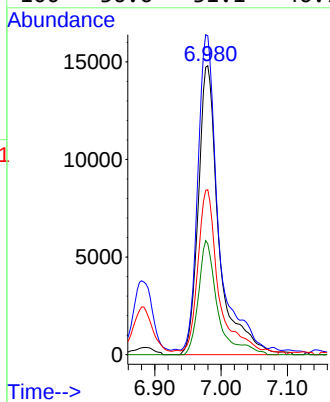
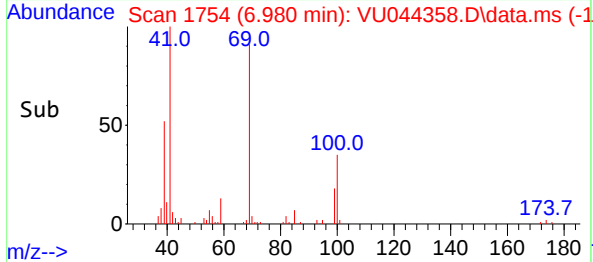
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



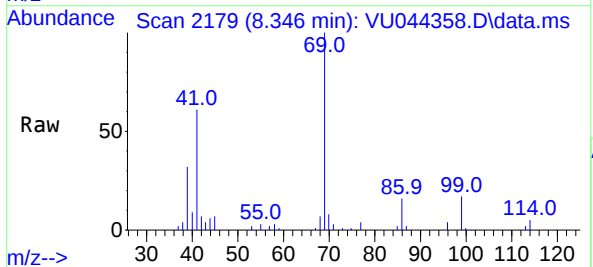
Tgt Ion: 69 Resp: 3206
Ion Ratio Lower Upper
69 100
41 107.2 0.0 232.2
39 54.0 57.5 86.3
100 36.6 31.1 46.7

Manual Integrations
APPROVED

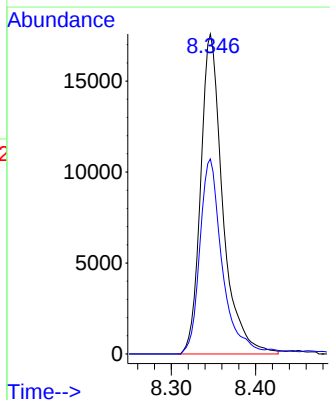
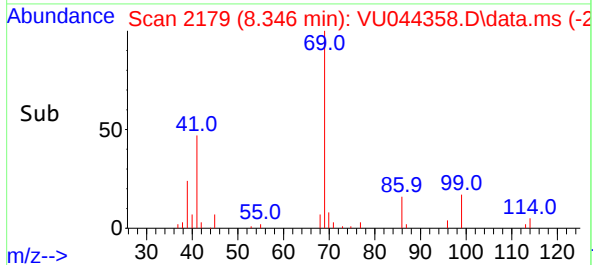
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

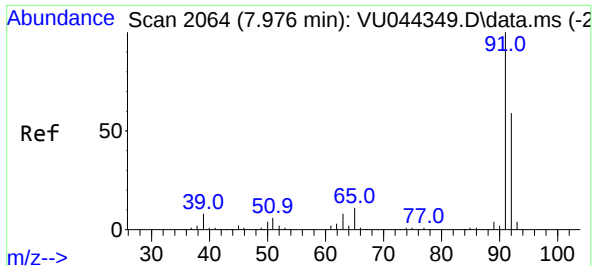


#48
Ethyl methacrylate
Concen: 1.753 ug/l
RT: 8.346 min Scan# 2179
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18



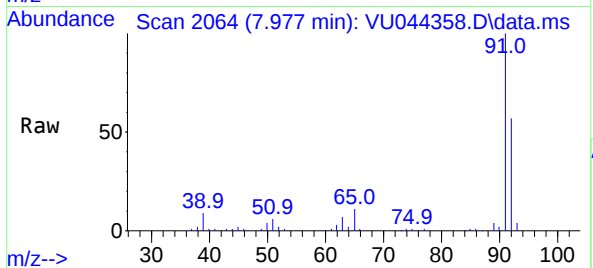
Tgt Ion: 69 Resp: 32099
Ion Ratio Lower Upper
69 100
41 61.5 33.1 99.5





#49
Toluene
Concen: 1.817 ug/l
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

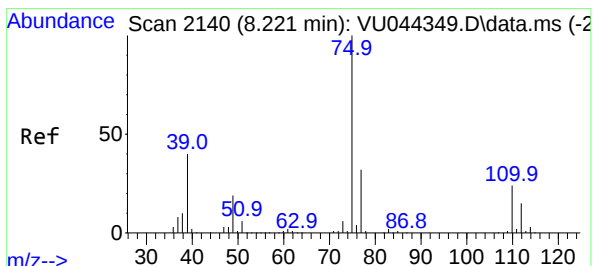
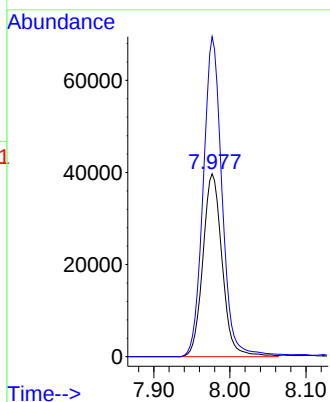
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



Tgt Ion: 92 Resp: 69848
Ion Ratio Lower Upper
92 100
91 172.0 137.0 205.6

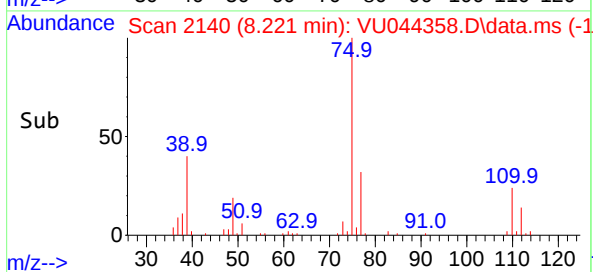
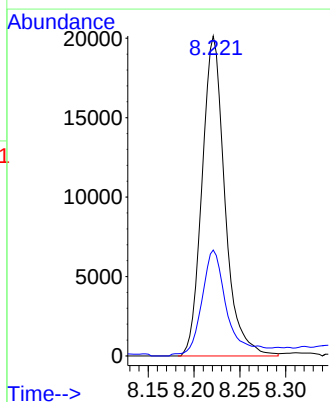
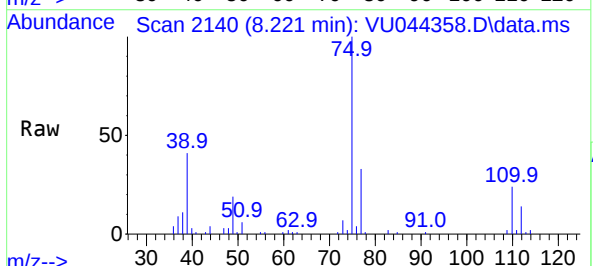
Manual Integrations
APPROVED

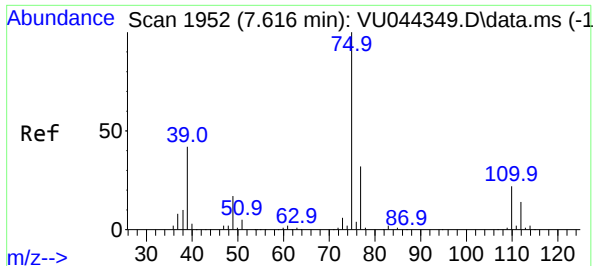
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#50
t-1,3-Dichloropropene
Concen: 1.762 ug/l
RT: 8.221 min Scan# 2140
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

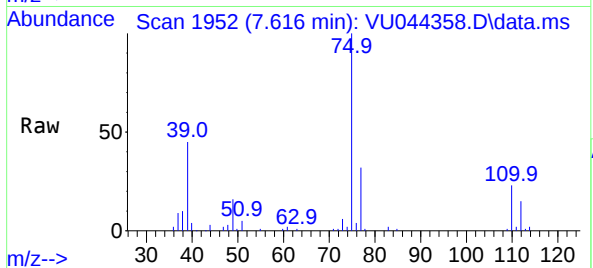
Tgt Ion: 75 Resp: 34827
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.2





#51
cis-1,3-Dichloropropene
Concen: 1.786 ug/l
RT: 7.616 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

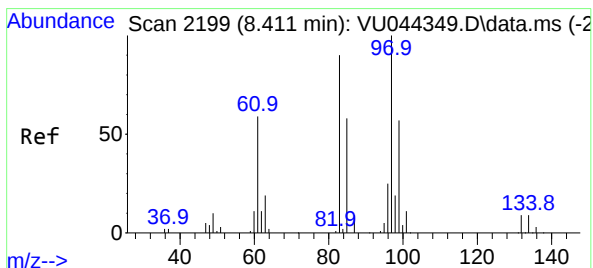
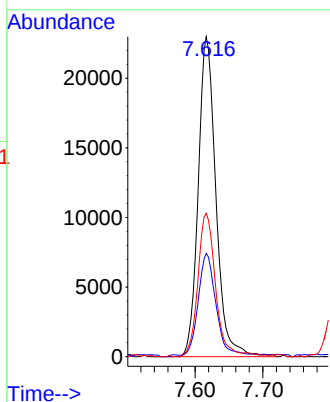
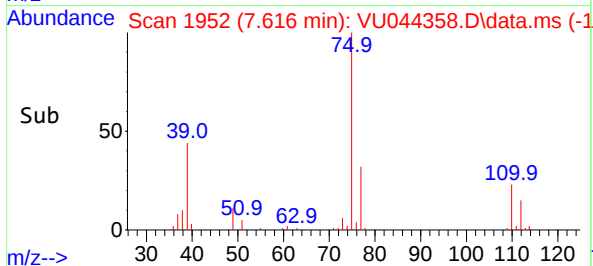
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



Tgt Ion: 75 Resp: 4163
Ion Ratio Lower Upper
75 100
77 31.8 24.3 36.5
39 44.8 38.5 57.7

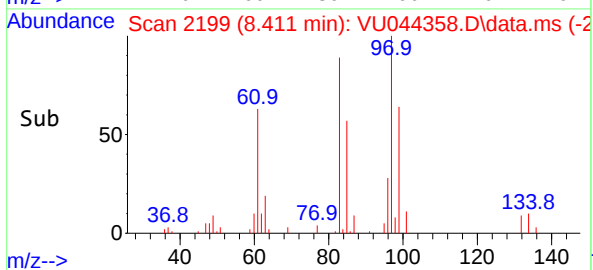
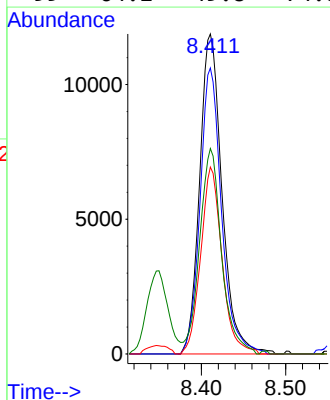
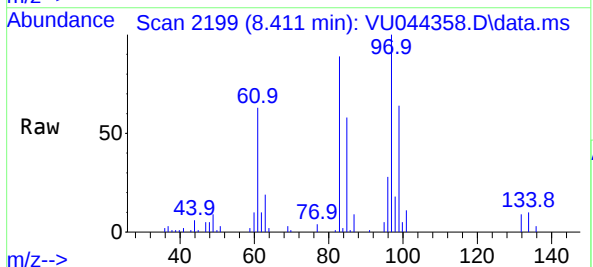
Manual Integrations
APPROVED

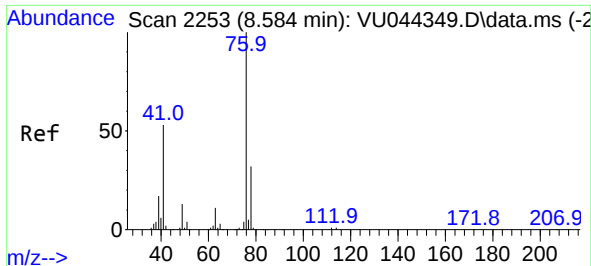
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#52
1,1,2-Trichloroethane
Concen: 1.858 ug/l
RT: 8.411 min Scan# 2199
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

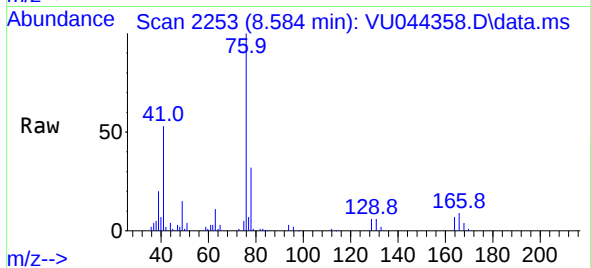
Tgt Ion: 97 Resp: 21961
Ion Ratio Lower Upper
97 100
83 89.4 68.2 102.2
85 58.4 44.0 66.0
99 64.2 49.8 74.8





#53
1,3-Dichloropropane
Concen: 1.834 ug/l
RT: 8.584 min Scan# 2253
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

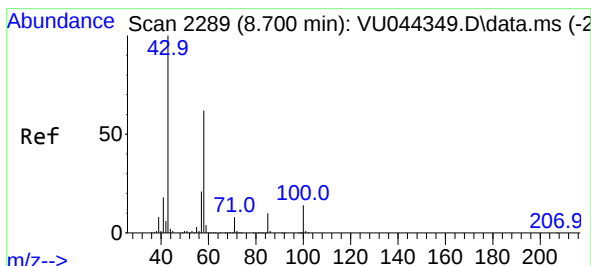
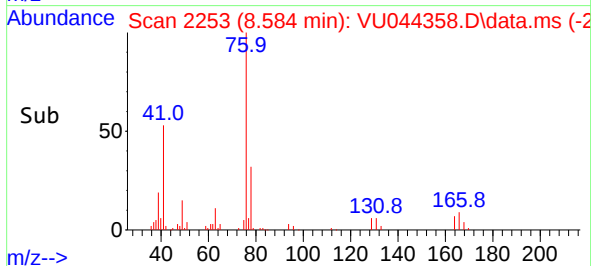
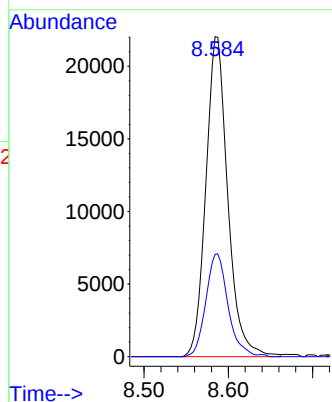
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



Tgt Ion: 76 Resp: 39810
Ion Ratio Lower Upper
76 100
78 32.5 25.9 38.9

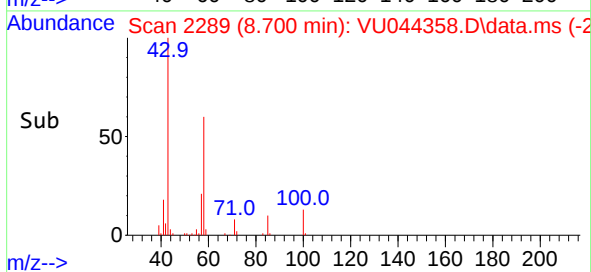
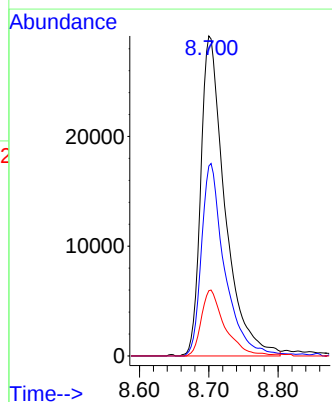
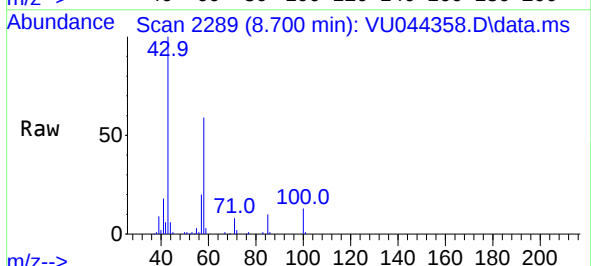
Manual Integrations
APPROVED

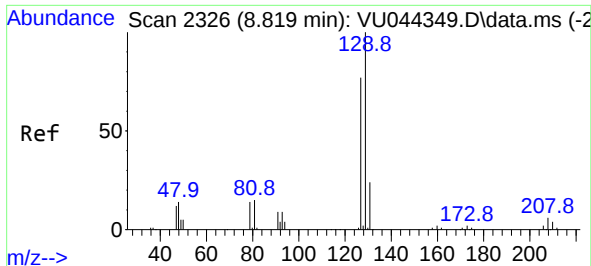
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#54
2-Hexanone
Concen: 9.108 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

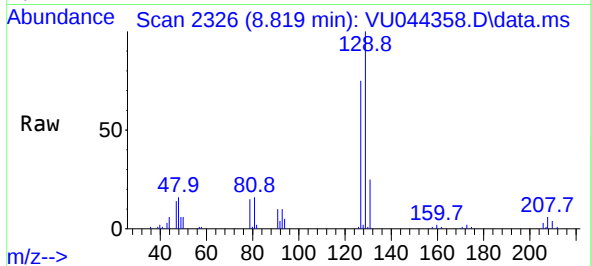
Tgt Ion: 43 Resp: 70612
Ion Ratio Lower Upper
43 100
58 58.2 34.4 74.4
57 20.0 0.0 39.5





#55
Dibromochloromethane
Concen: 1.800 ug/l
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

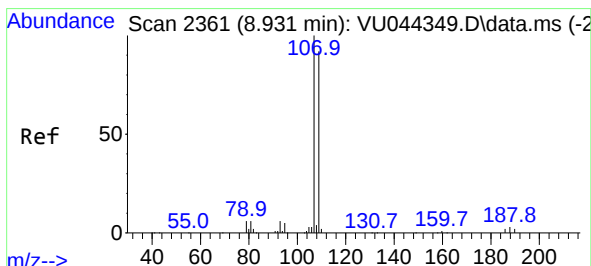
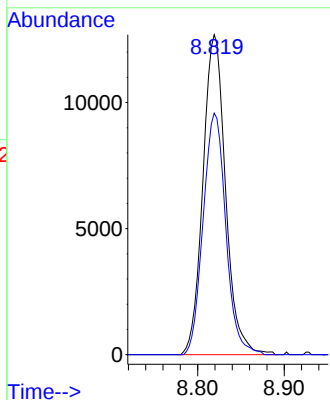
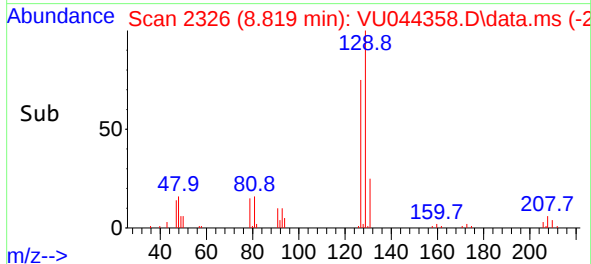
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



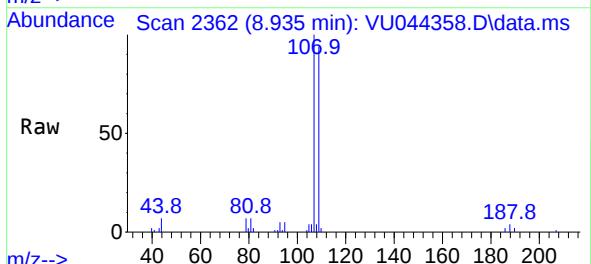
Tgt Ion:129 Resp: 2304
Ion Ratio Lower Upper
129 100
127 75.6 61.8 92.8

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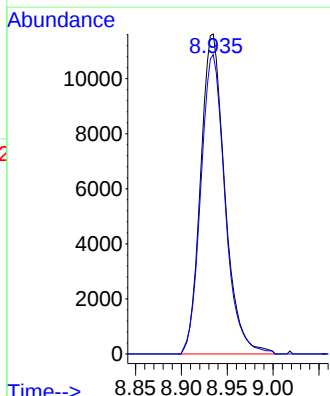
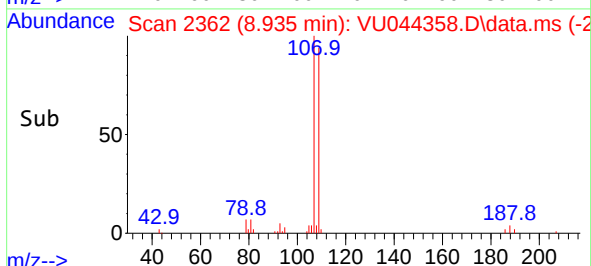
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

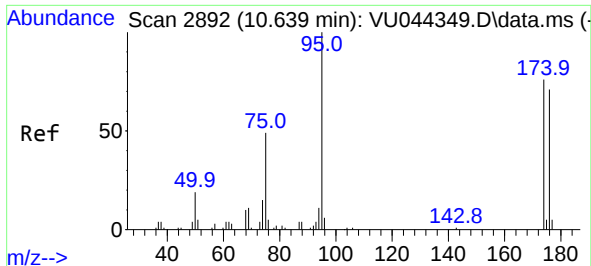


#56
1,2-Dibromoethane
Concen: 1.850 ug/l
RT: 8.935 min Scan# 2362
Delta R.T. 0.003 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18



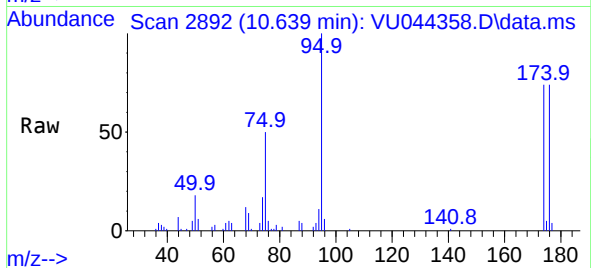
Tgt Ion:107 Resp: 21375
Ion Ratio Lower Upper
107 100
109 93.7 0.0 189.0





#57
4-Bromofluorobenzene
Concen: 0.970 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

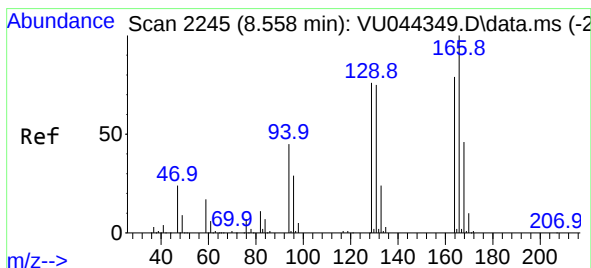
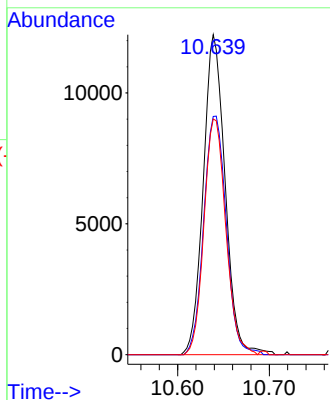
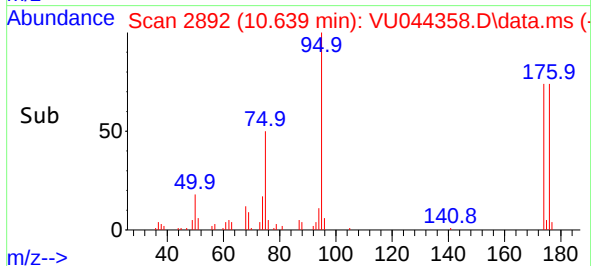
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



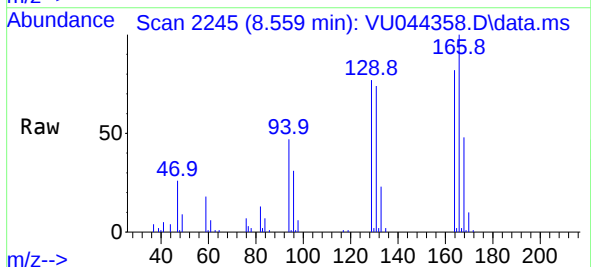
Tgt Ion: 95 Resp: 20239
Ion Ratio Lower Upper
95 100
174 76.9 62.2 93.2
176 73.7 60.3 90.5

Manual Integrations
APPROVED

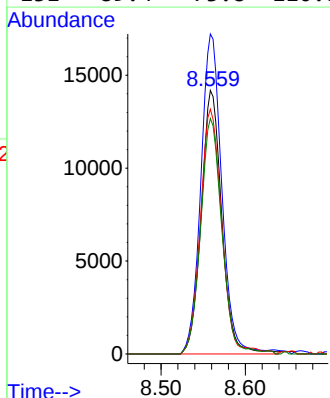
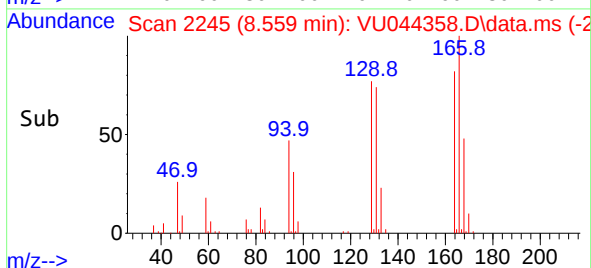
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

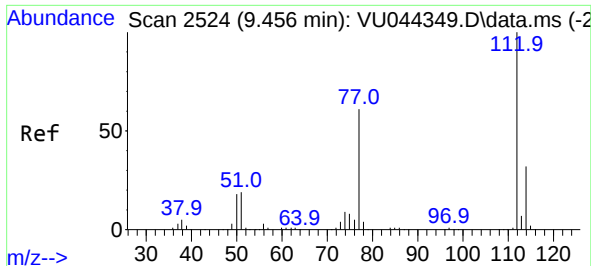


#58
Tetrachloroethene
Concen: 1.852 ug/l
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18



Tgt Ion:164 Resp: 24144
Ion Ratio Lower Upper
164 100
166 121.4 100.2 150.4
129 92.9 76.3 114.5
131 89.4 73.8 110.8





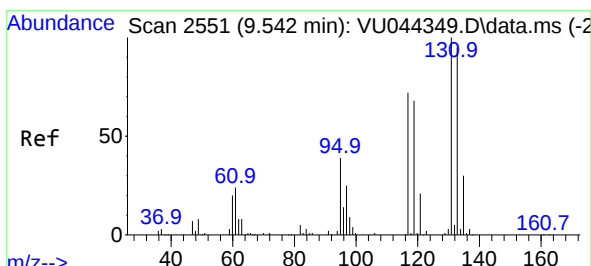
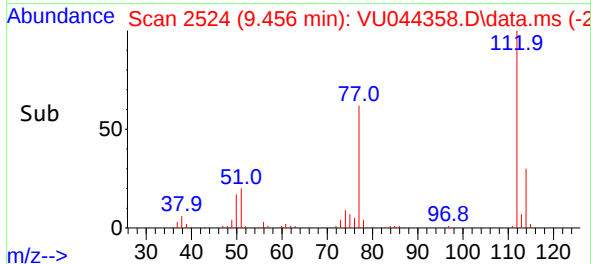
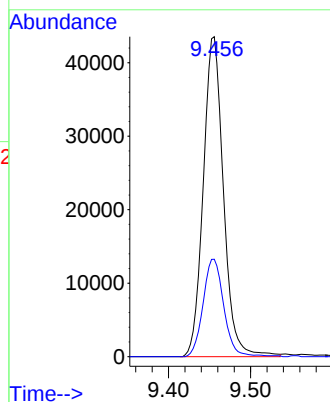
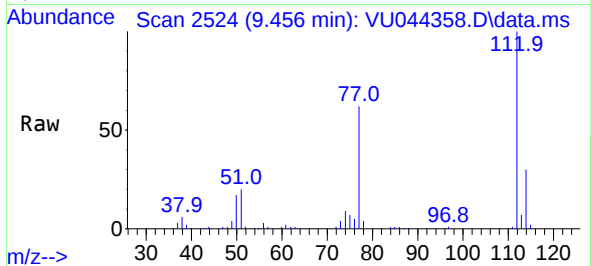
#59
Chlorobenzene
Concen: 1.832 ug/l
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01

Tgt Ion:112 Resp: 7446
Ion Ratio Lower Upper
112 100
114 30.5 25.0 37.6

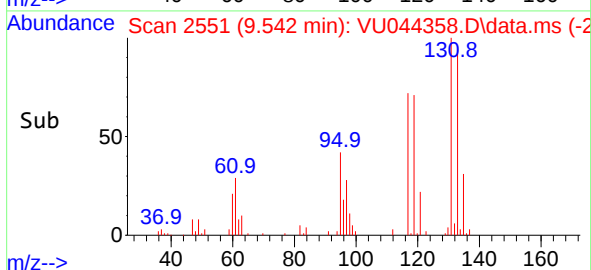
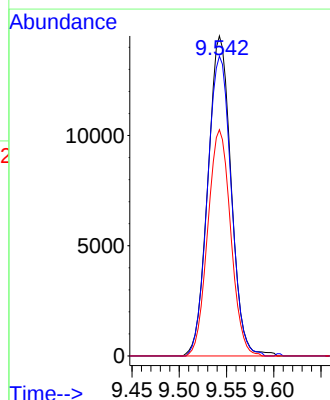
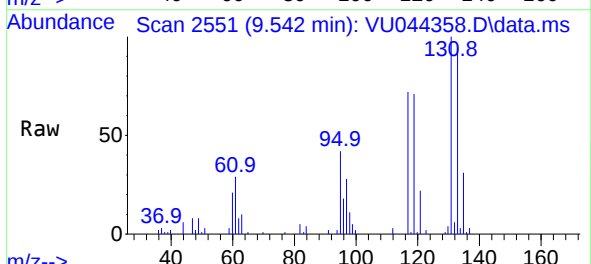
Manual Integrations
APPROVED

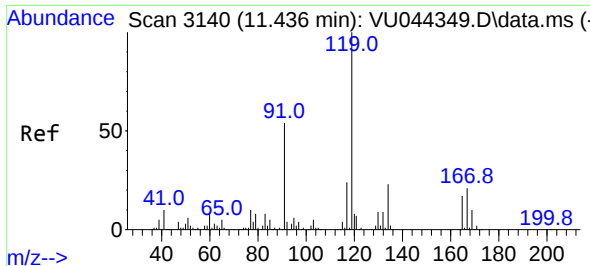
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#60
1,1,1,2-Tetrachloroethane
Concen: 1.827 ug/l
RT: 9.542 min Scan# 2551
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

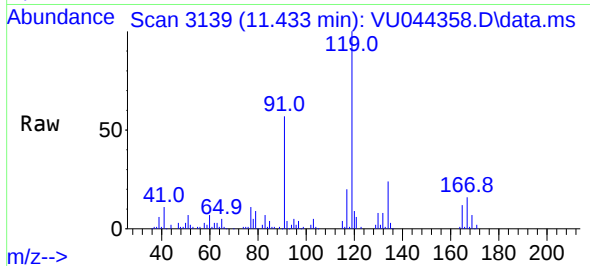
Tgt Ion:131 Resp: 24743
Ion Ratio Lower Upper
131 100
133 95.8 77.3 115.9
119 70.1 52.8 79.2





#61
Pentachloroethane
Concen: 1.750 ug/l
RT: 11.433 min Scan# 3140
Delta R.T. -0.003 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

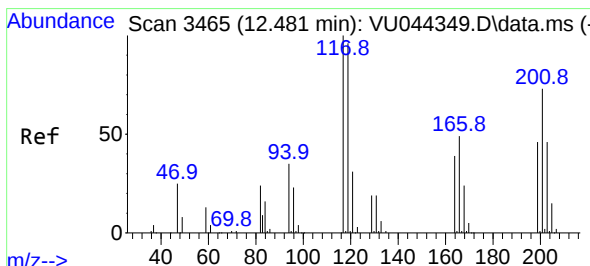
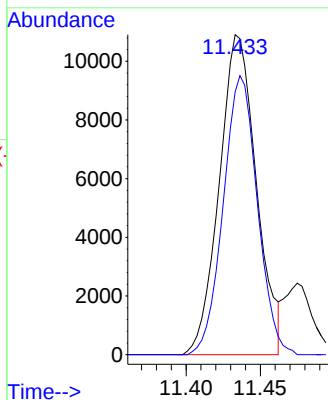
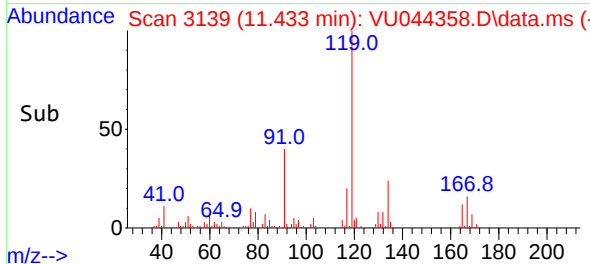
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



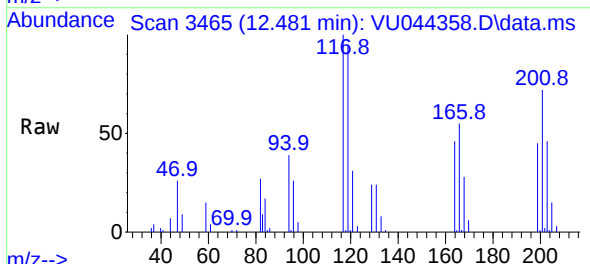
Tgt Ion:117 Resp: 18934
Ion Ratio Lower Upper
117 100
167 80.1 66.7 100.1

Manual Integrations
APPROVED

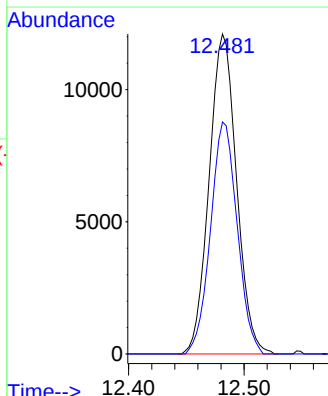
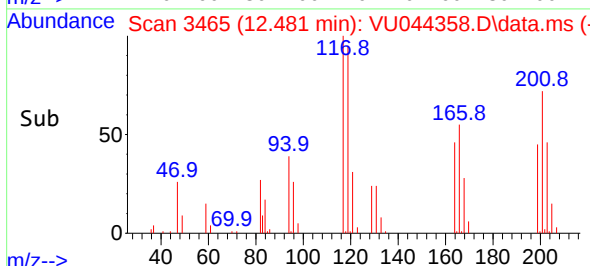
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

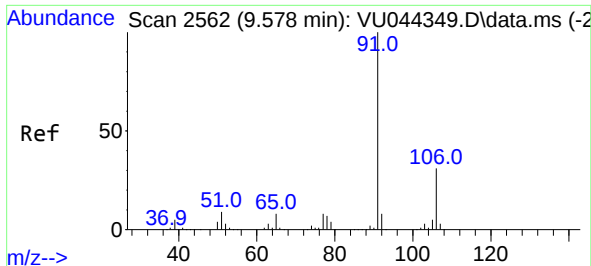


#62
Hexachloroethane
Concen: 1.766 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18



Tgt Ion:117 Resp: 19950
Ion Ratio Lower Upper
117 100
201 70.6 58.0 87.0





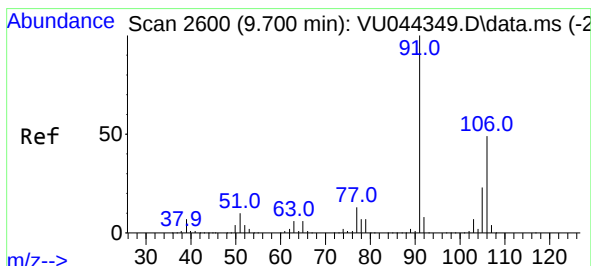
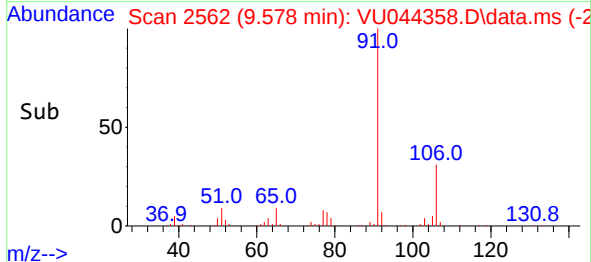
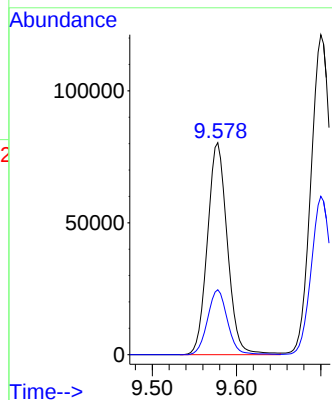
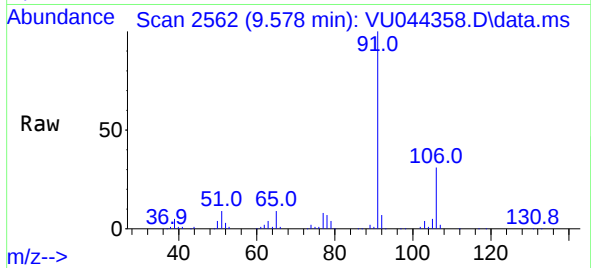
#63
Ethyl Benzene
Concen: 1.821 ug/l
RT: 9.578 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01

Tgt Ion: 91 Resp: 132280
Ion Ratio Lower Upper
91 100
106 30.6 24.6 37.0

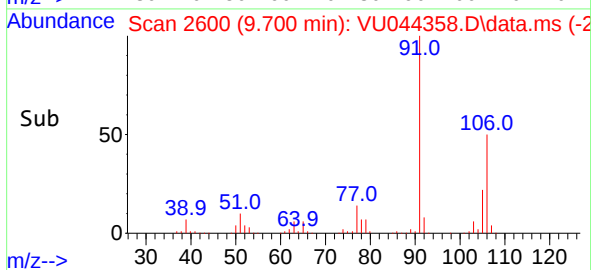
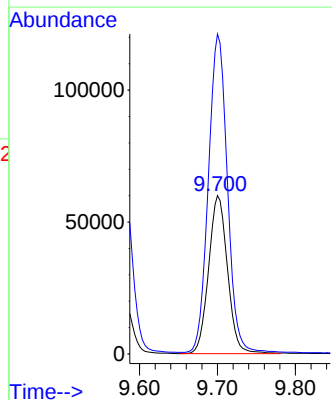
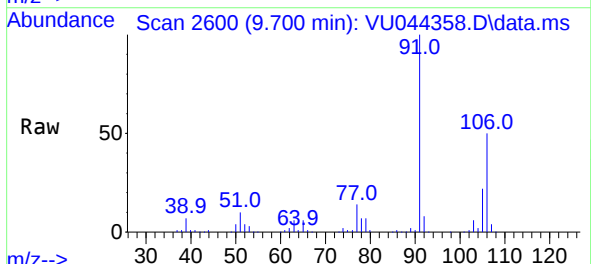
Manual Integrations
APPROVED

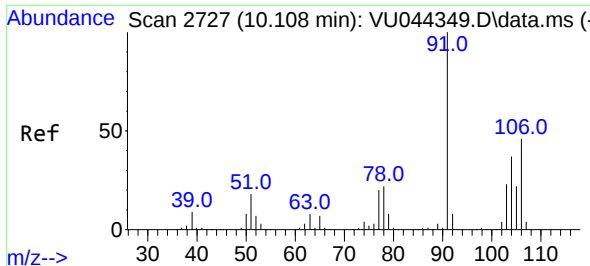
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#64
m/p-Xylenes
Concen: 3.634 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

Tgt Ion:106 Resp: 100875
Ion Ratio Lower Upper
106 100
91 202.4 162.5 243.7





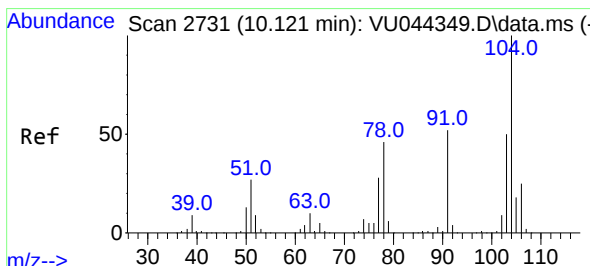
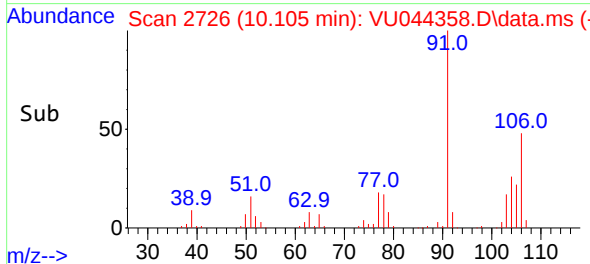
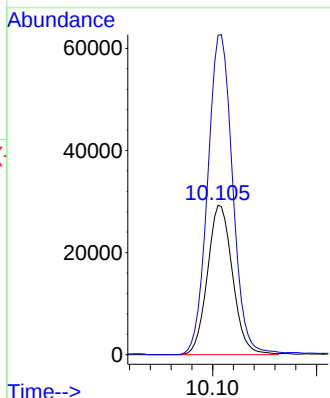
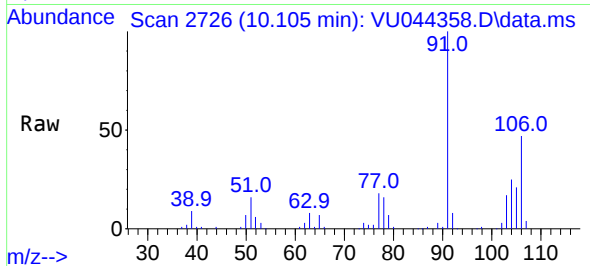
#65
o-Xylene
Concen: 1.830 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01

Tgt Ion:106 Resp: 49014
Ion Ratio Lower Upper
106 100
91 213.7 108.2 324.6

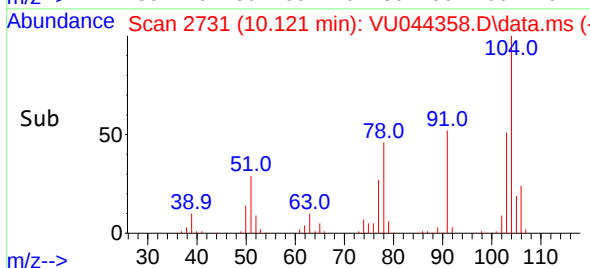
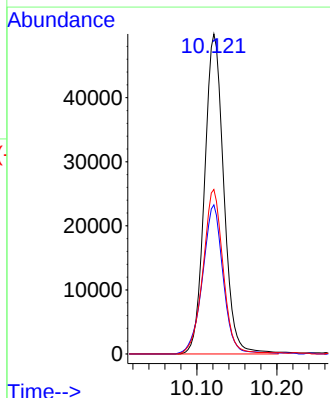
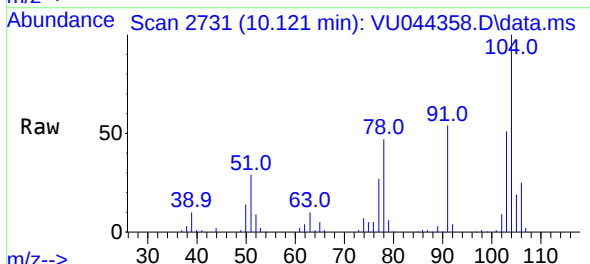
Manual Integrations
APPROVED

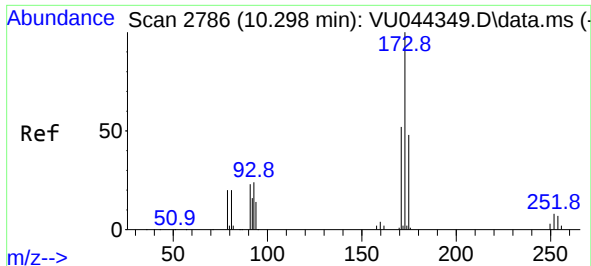
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#66
Styrene
Concen: 1.811 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

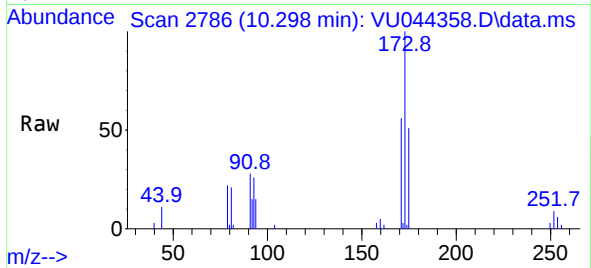
Tgt Ion:104 Resp: 83586
Ion Ratio Lower Upper
104 100
78 49.9 41.6 62.4
103 53.4 43.3 64.9





#67
Bromoform
Concen: 1.769 ug/l
RT: 10.298 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

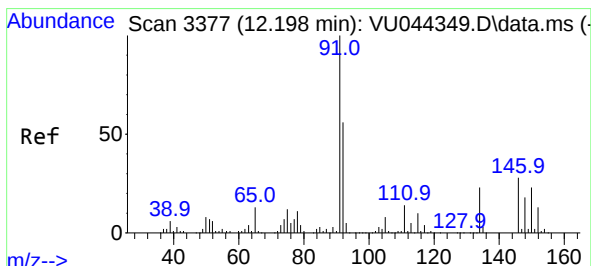
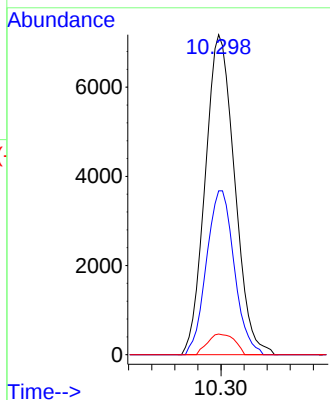
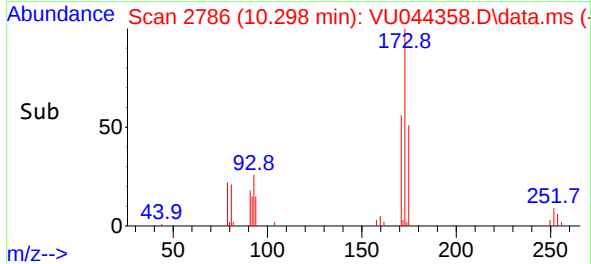
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



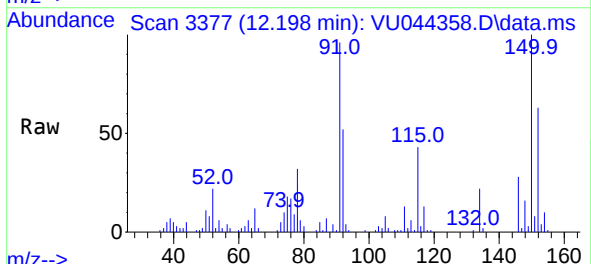
Tgt Ion:173 Resp: 12674
Ion Ratio Lower Upper
173 100
175 48.5 38.3 57.5
254 5.9 5.8 8.6

Manual Integrations
APPROVED

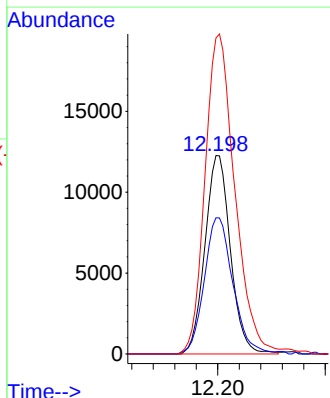
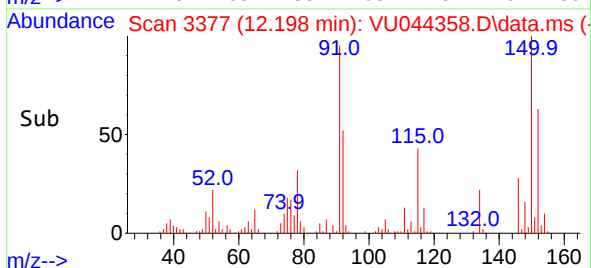
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

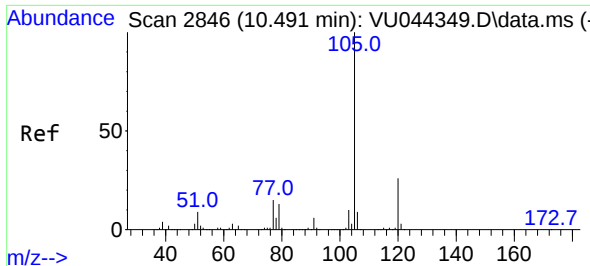


#68
1,2-Dichlorobenzene-d4
Concen: 0.991 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18



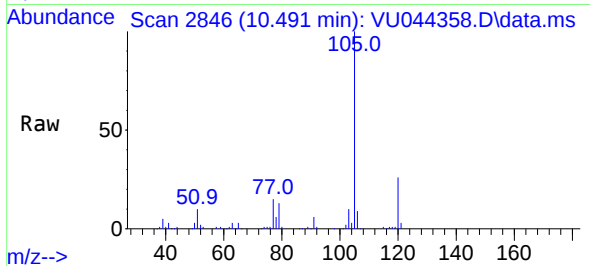
Tgt Ion:152 Resp: 20158
Ion Ratio Lower Upper
152 100
115 77.0 0.0 257.0
150 188.3 0.0 630.2





#69
Isopropylbenzene
Concen: 1.811 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

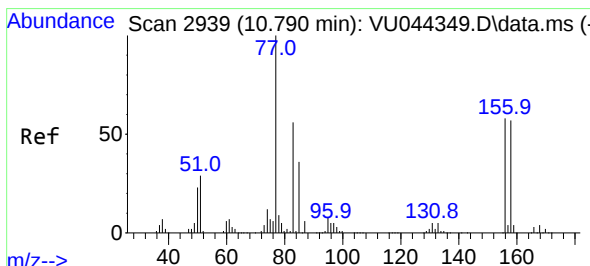
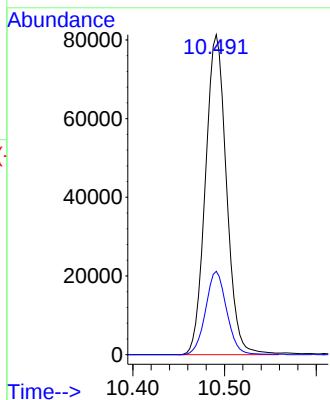
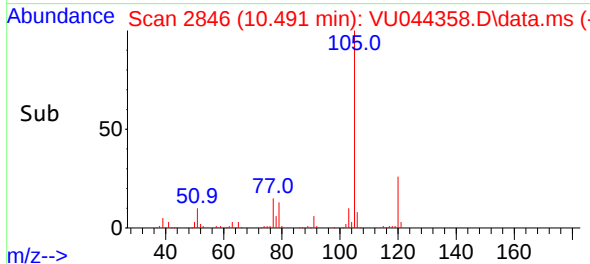
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



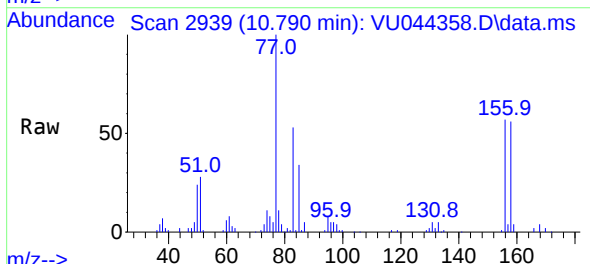
Tgt Ion: 105 Resp: 12977
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3

Manual Integrations
APPROVED

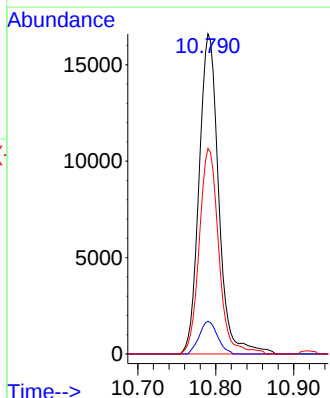
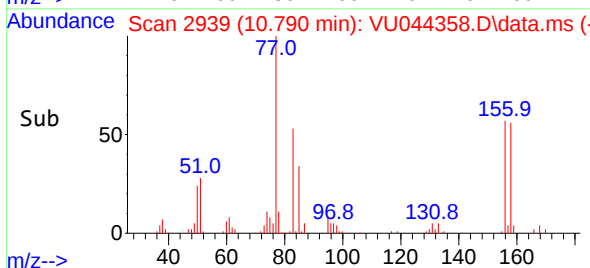
Reviewed By : John Carlone 07/20/2021
Supervised By : Mahesh Dadoda 07/23/2021

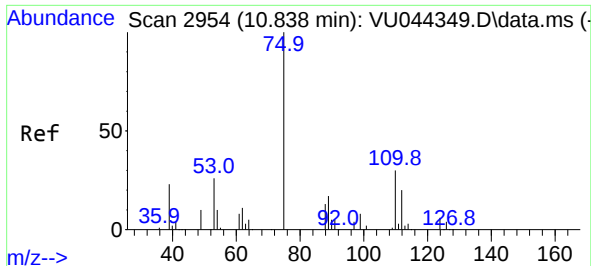


#70
1,1,2,2-Tetrachloroethane
Concen: 1.855 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18



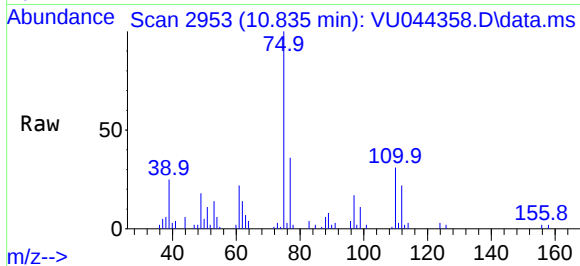
Tgt Ion: 83 Resp: 28945
Ion Ratio Lower Upper
83 100
131 9.5 8.2 12.2
85 63.8 50.8 76.2





#71
1,2,3-Trichloropropane
Concen: 1.542 ug/l m
RT: 10.835 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

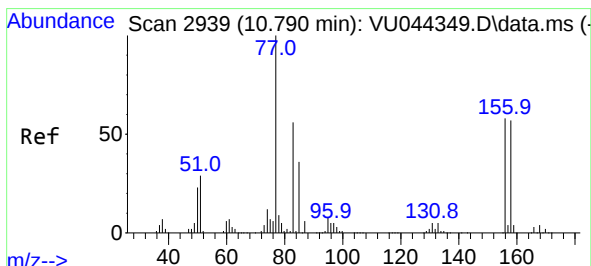
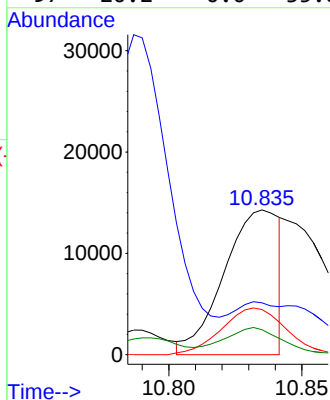
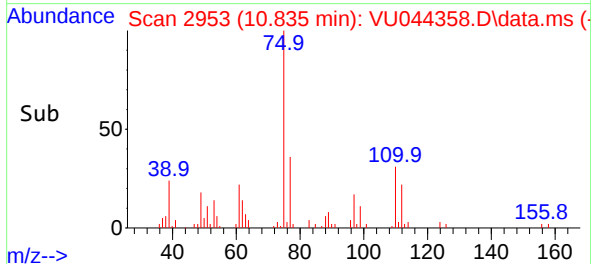
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



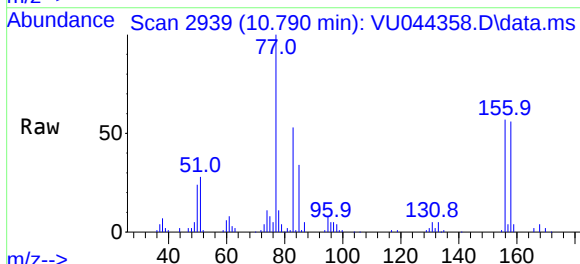
Tgt Ion: 75 Resp: 2062
Ion Ratio Lower Upper
75 100
77 54.6 0.0 111.4
110 37.7 0.0 74.6
97 20.2 0.0 35.8

Manual Integrations
APPROVED

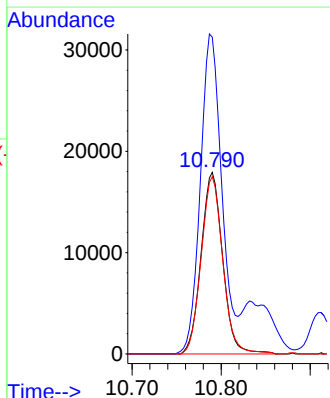
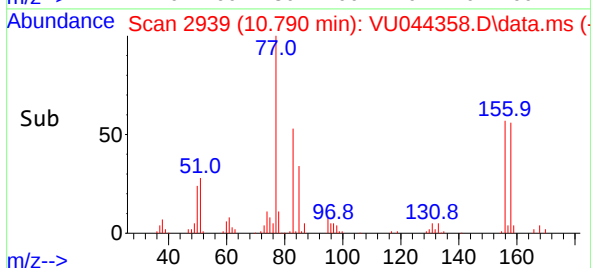
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

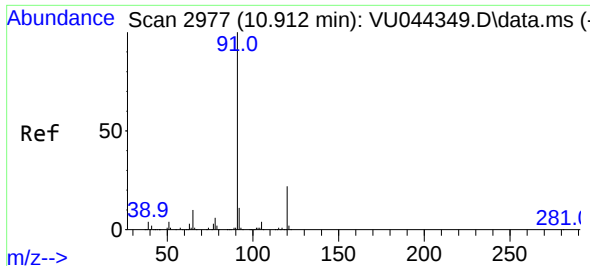


#72
Bromobenzene
Concen: 1.816 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18



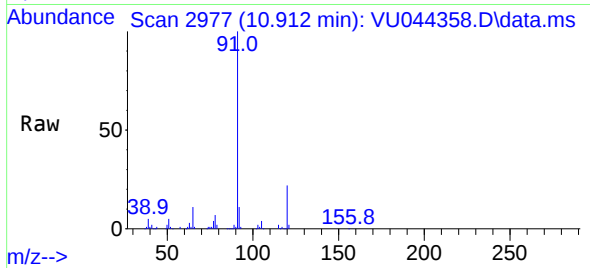
Tgt Ion:156 Resp: 30135
Ion Ratio Lower Upper
156 100
77 174.8 0.0 324.2
158 97.6 0.0 192.4





#73
n-propylbenzene
Concen: 1.821 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

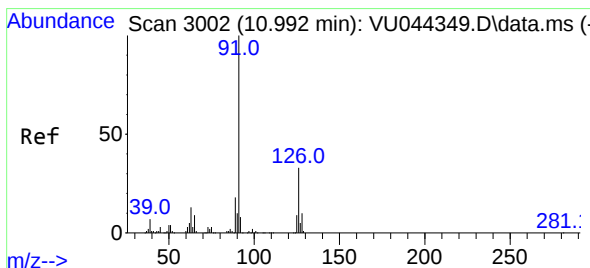
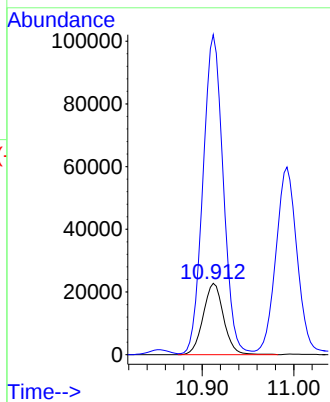
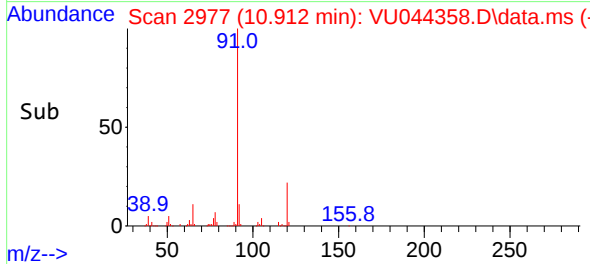
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



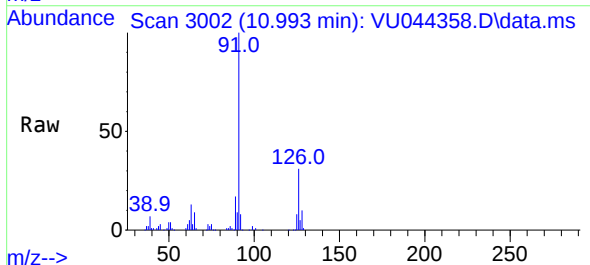
Tgt Ion:120 Resp: 35174
Ion Ratio Lower Upper
120 100
91 442.4 346.6 519.8

Manual Integrations
APPROVED

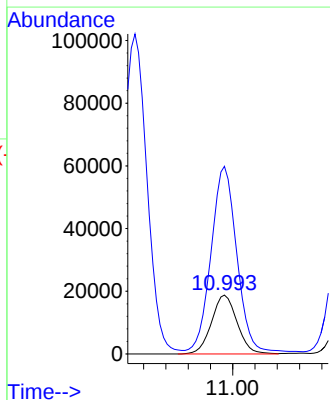
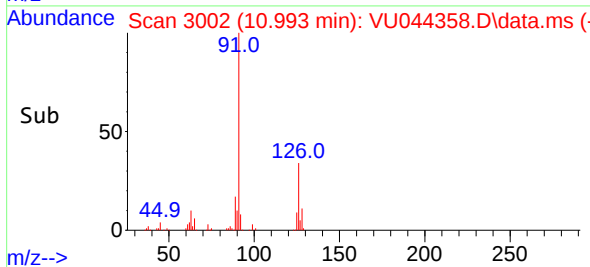
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

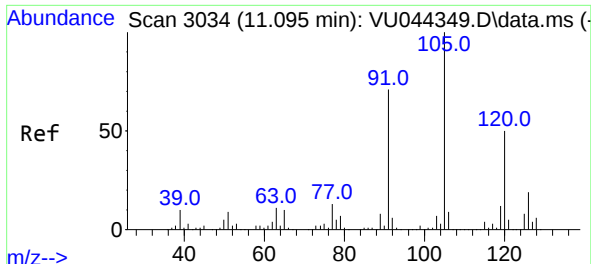


#74
2-Chlorotoluene
Concen: 1.811 ug/l
RT: 10.993 min Scan# 3002
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18



Tgt Ion:126 Resp: 29998
Ion Ratio Lower Upper
126 100
91 321.7 0.0 593.2





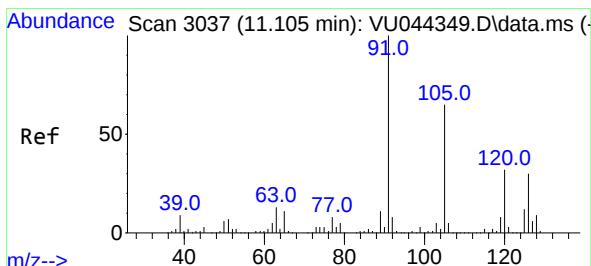
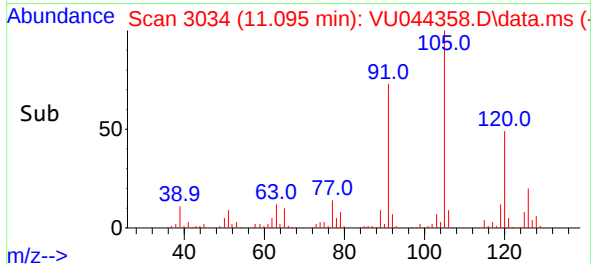
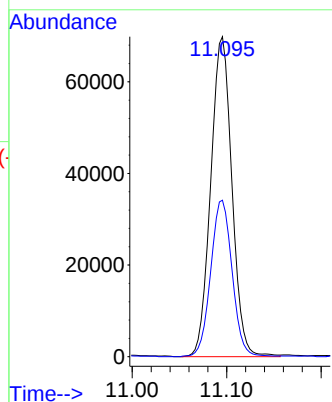
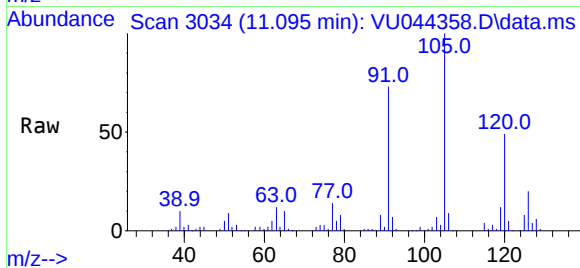
#75
1,3,5-Trimethylbenzene
Concen: 1.797 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01

Tgt Ion:105 Resp: 10882
Ion Ratio Lower Upper
105 100
120 49.5 38.6 58.0

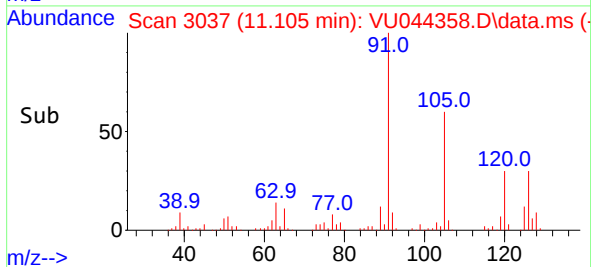
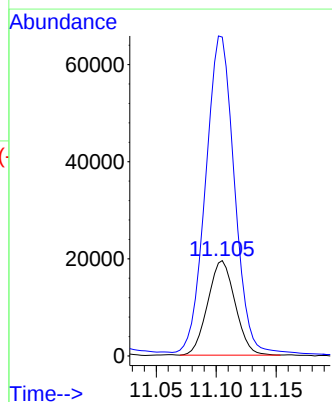
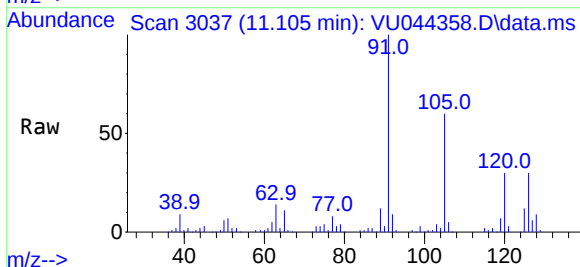
Manual Integrations
APPROVED

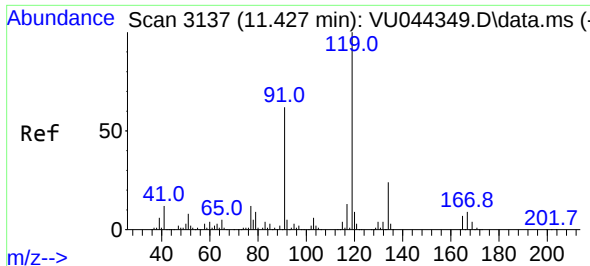
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#76
4-Chlorotoluene
Concen: 1.791 ug/l
RT: 11.105 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

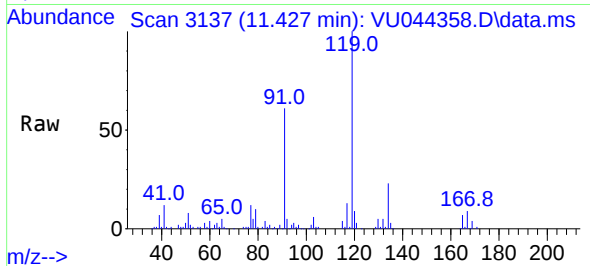
Tgt Ion:126 Resp: 30824
Ion Ratio Lower Upper
126 100
91 359.8 0.0 692.4





#77
tert-Butylbenzene
Concen: 1.817 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

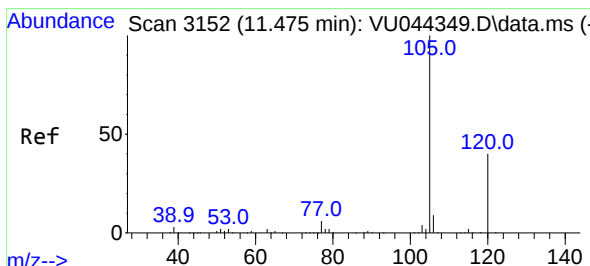
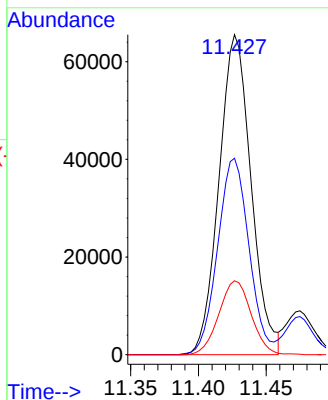
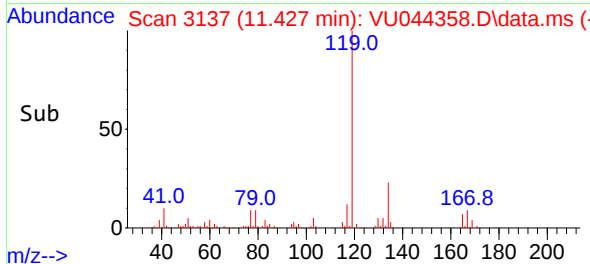
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



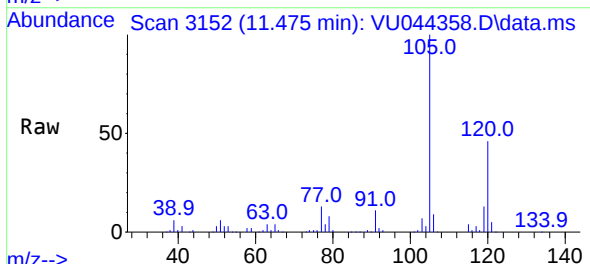
Tgt Ion:119 Resp: 10786
Ion Ratio Lower Upper
119 100
91 60.1 29.9 89.7
134 23.3 18.7 28.1

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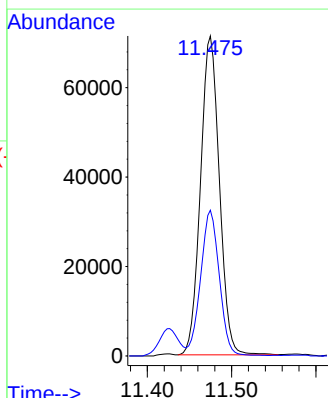
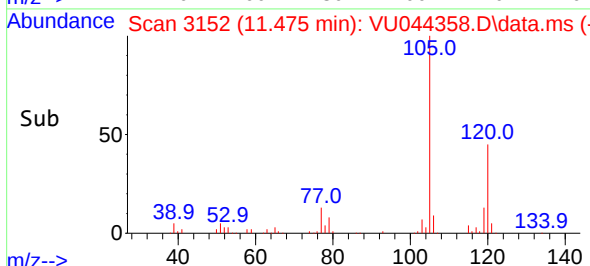
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

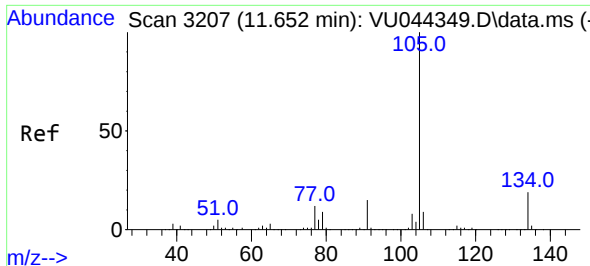


#78
1,2,4-Trimethylbenzene
Concen: 1.809 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18



Tgt Ion:105 Resp: 111218
Ion Ratio Lower Upper
105 100
120 45.0 22.7 68.0





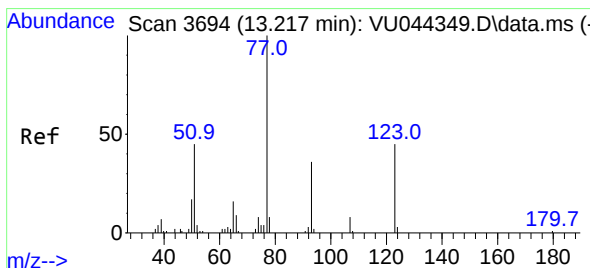
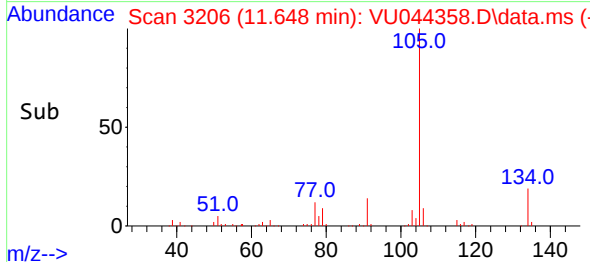
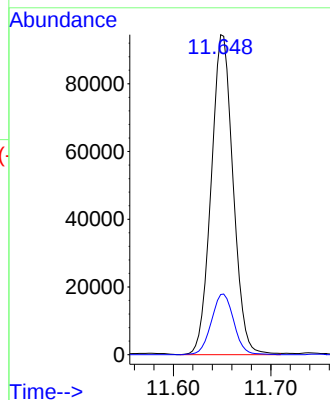
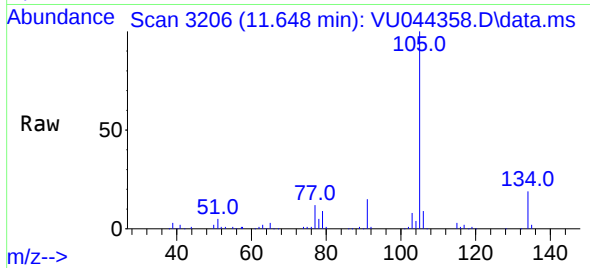
#79
 sec-Butylbenzene
 Concen: 1.828 ug/l
 RT: 11.648 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VU044358.D
 Acq: 19 Jul 2021 11:18

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0719WBSD01

Tgt Ion:105 Resp: 147809
 Ion Ratio Lower Upper
 105 100
 134 19.4 16.1 24.1

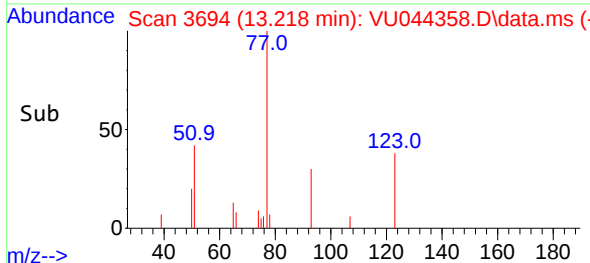
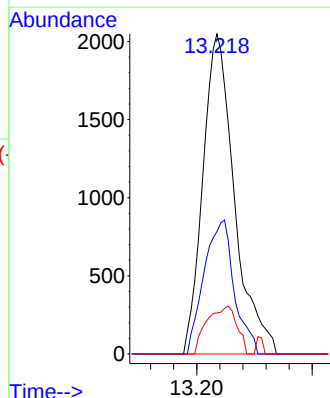
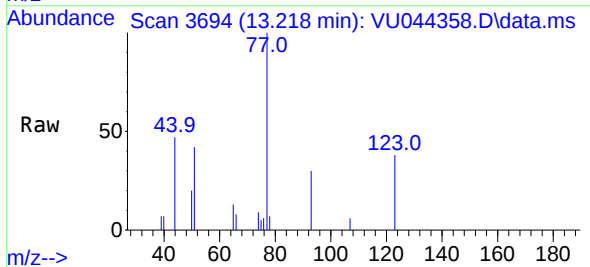
Manual Integrations
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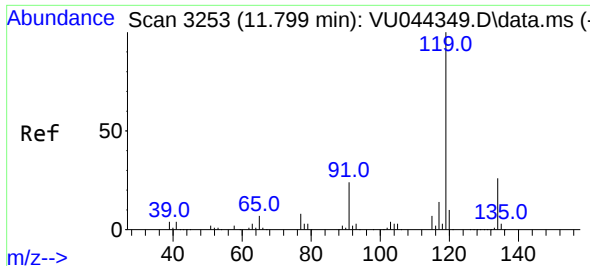
Reviewed By :John Carlone 07/20/2021
 Supervised By :Mahesh Dadoda 07/23/2021



#80
 Nitrobenzene
 Concen: 8.334 ug/l
 RT: 13.218 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU044358.D
 Acq: 19 Jul 2021 11:18

Tgt Ion: 77 Resp: 3878
 Ion Ratio Lower Upper
 77 100
 123 40.0 19.0 67.4
 65 14.2 12.2 15.6





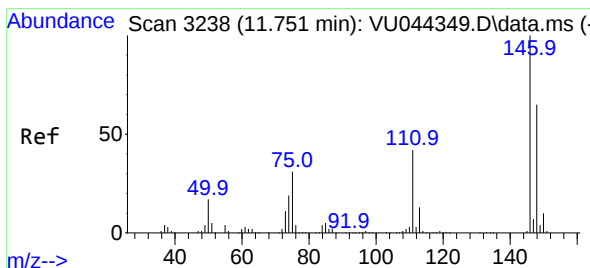
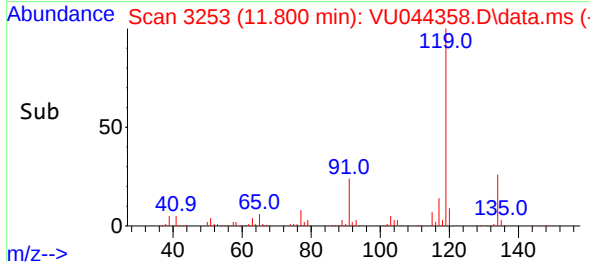
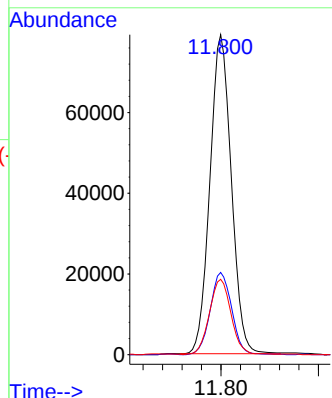
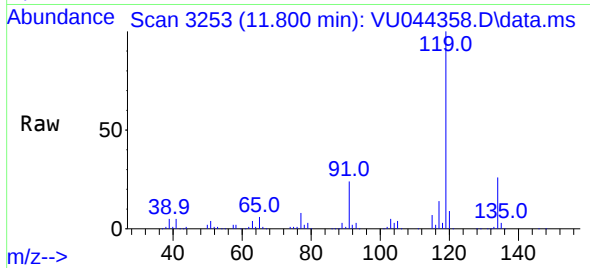
#81
p-Isopropyltoluene
Concen: 1.798 ug/l
RT: 11.800 min Scan# 3253
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01

Tgt Ion:119 Resp: 120360
Ion Ratio Lower Upper
119 100
134 26.0 21.0 31.4
91 24.0 19.4 29.2

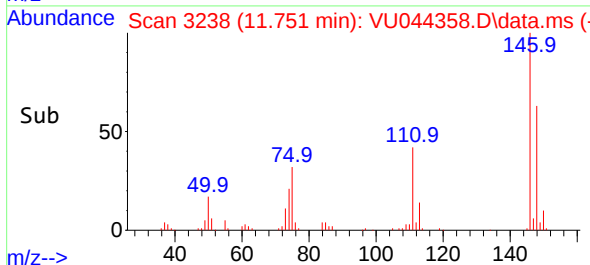
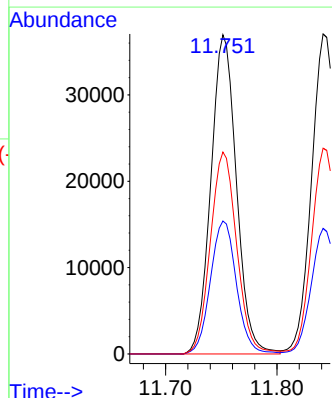
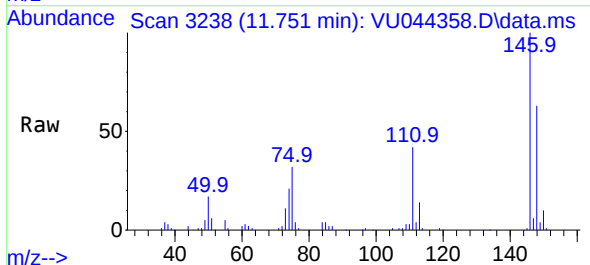
Manual Integrations
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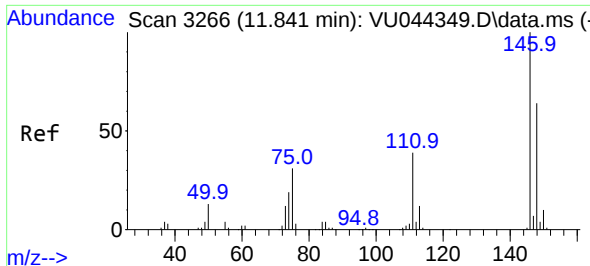
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#82
1,3-Dichlorobenzene
Concen: 1.788 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

Tgt Ion:146 Resp: 58918
Ion Ratio Lower Upper
146 100
111 42.4 33.3 49.9
148 65.2 50.9 76.3





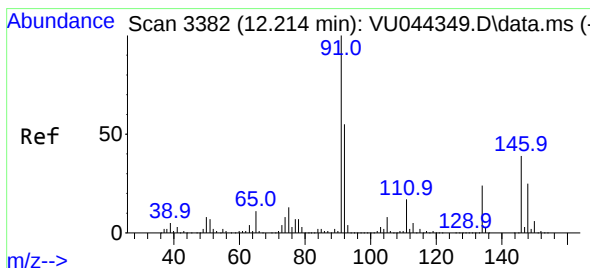
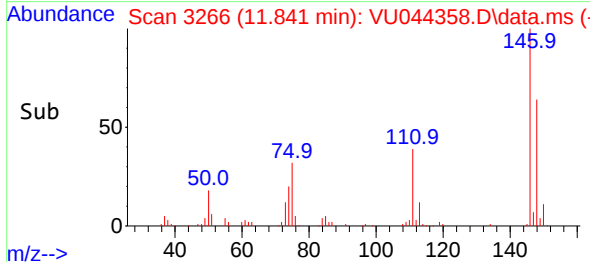
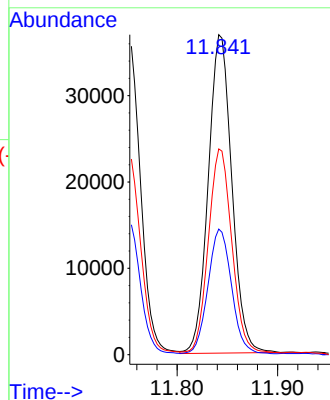
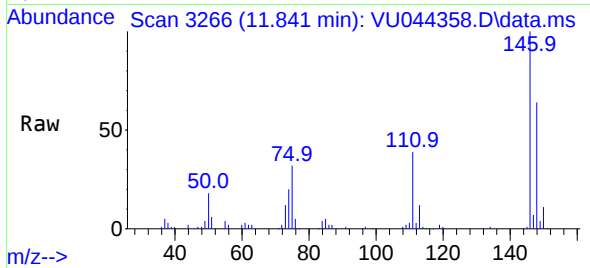
#83
1,4-Dichlorobenzene
Concen: 1.805 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01

Tgt Ion:146 Resp: 6008
Ion Ratio Lower Upper
146 100
111 39.1 32.6 48.8
148 64.1 50.8 76.2

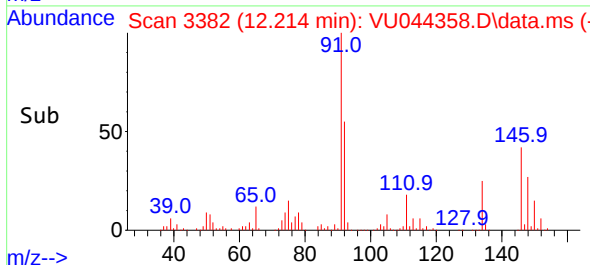
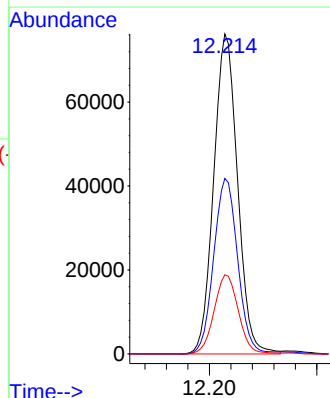
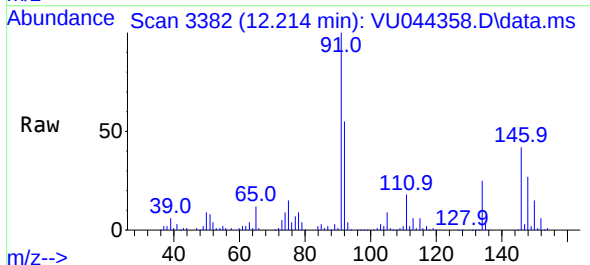
Manual Integrations
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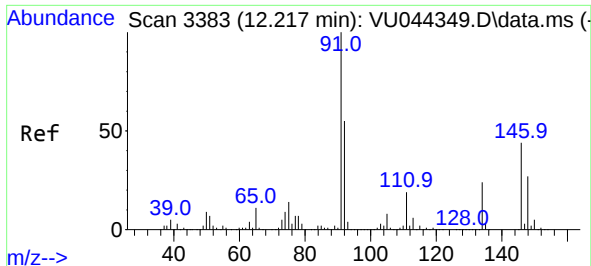
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021



#84
n-Butylbenzene
Concen: 1.790 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

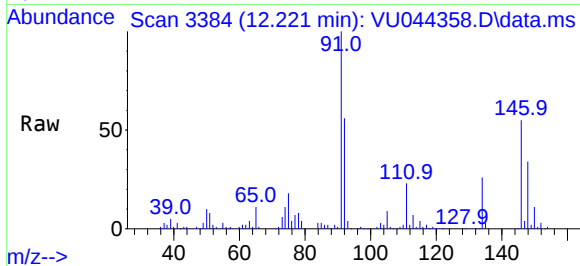
Tgt Ion: 91 Resp: 117325
Ion Ratio Lower Upper
91 100
92 55.2 43.3 64.9
134 25.2 20.2 30.4





#85
1,2-Dichlorobenzene
Concen: 1.816 ug/l
RT: 12.221 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

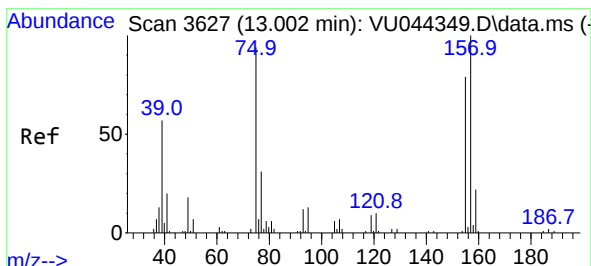
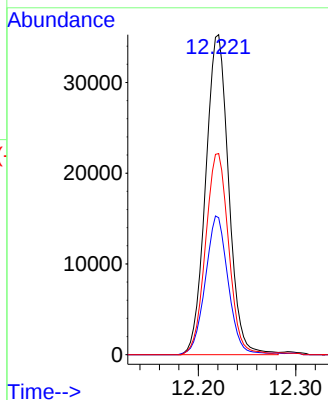
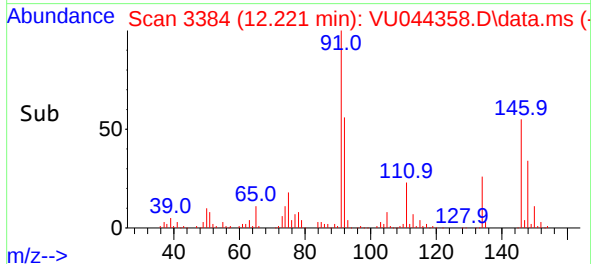
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



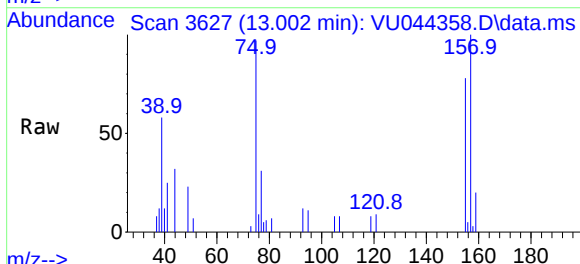
Tgt Ion:146 Resp: 5798
Ion Ratio Lower Upper
146 100
111 43.0 21.6 64.6
148 63.2 31.9 95.7

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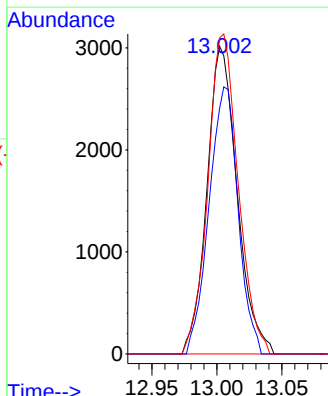
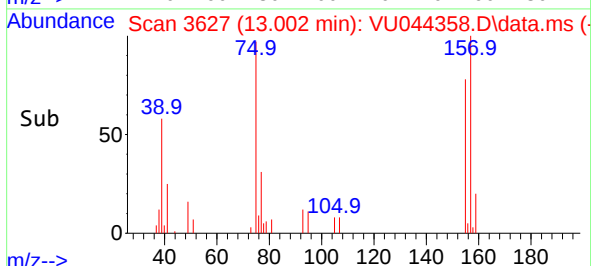
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

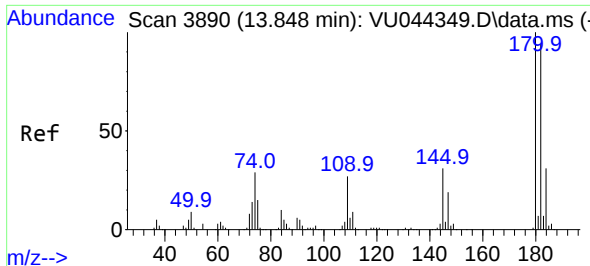


#86
1,2-Dibromo-3-Chloropropane
Concen: 1.807 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18



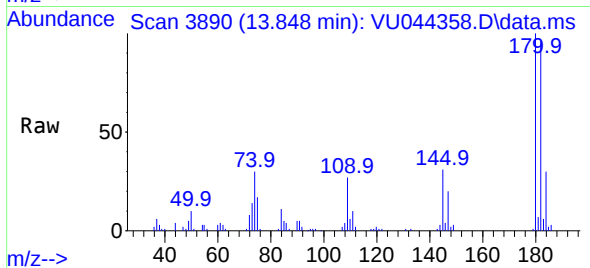
Tgt Ion: 75 Resp: 4873
Ion Ratio Lower Upper
75 100
155 83.3 64.7 97.1
157 104.7 85.3 127.9





#87
1,2,4-Trichlorobenzene
Concen: 1.745 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

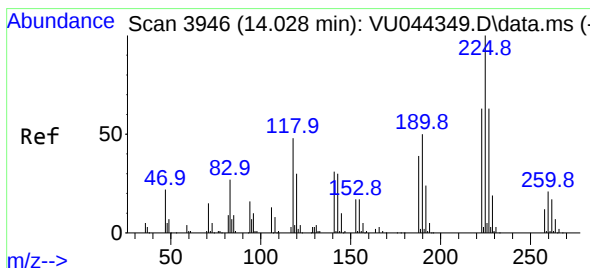
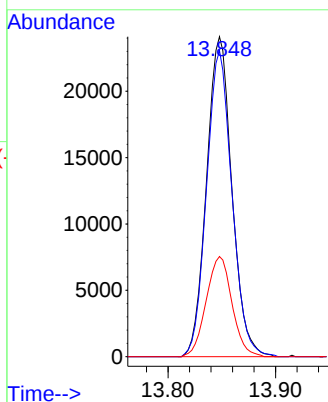
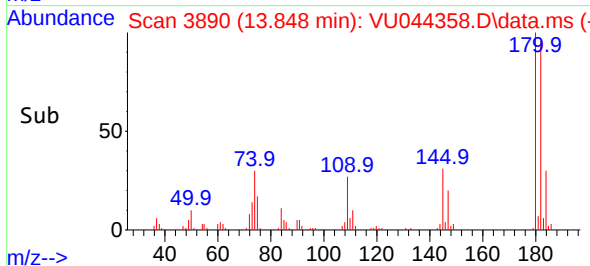
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



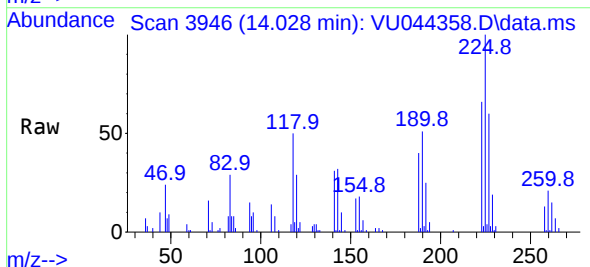
Tgt Ion:180 Resp: 3942
Ion Ratio Lower Upper
180 100
182 95.7 77.0 115.6
145 31.9 25.8 38.6

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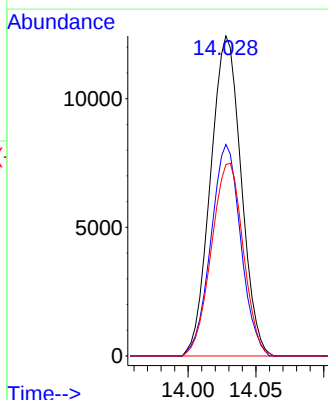
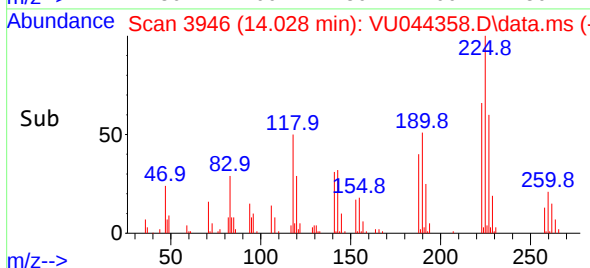
Reviewed By :John Carlone 07/20/2021
Supervised By :Mahesh Dadoda 07/23/2021

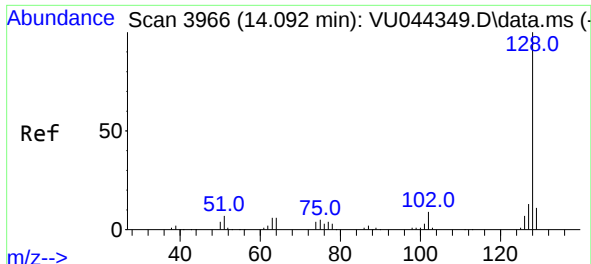


#88
Hexachlorobutadiene
Concen: 1.788 ug/l
RT: 14.028 min Scan# 3946
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18



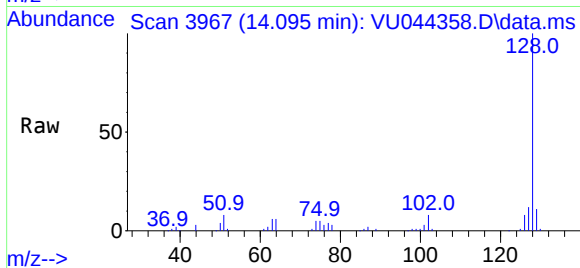
Tgt Ion:225 Resp: 19546
Ion Ratio Lower Upper
225 100
223 64.5 50.9 76.3
227 62.3 50.8 76.2





#89
Naphthalene
Concen: 1.737 ug/l
RT: 14.095 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18

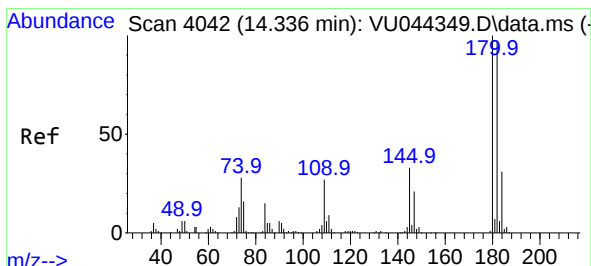
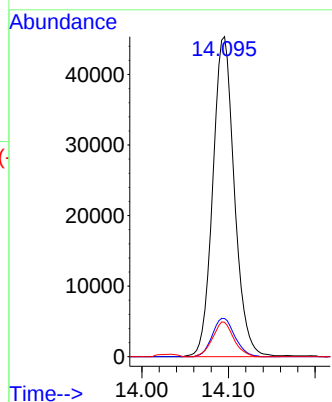
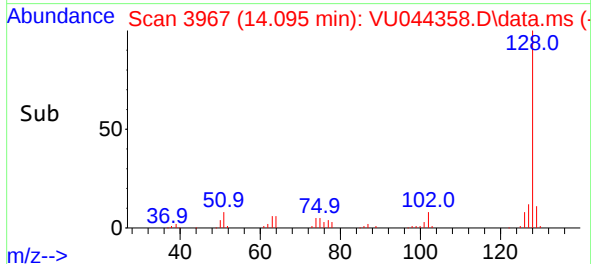
Instrument :
MSVOA_U
ClientSampleId :
VU0719WBSD01



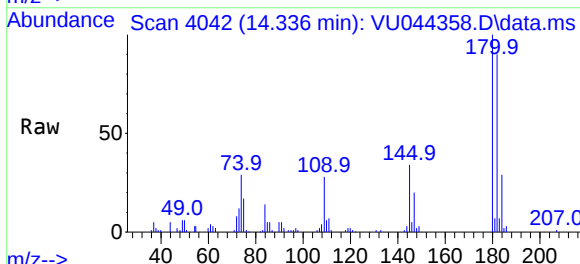
Tgt Ion:128 Resp: 78452
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.7 8.6 13.0

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



#90
1,2,3-Trichlorobenzene
Concen: 1.803 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU044358.D
Acq: 19 Jul 2021 11:18



Tgt Ion:180 Resp: 36976
Ion Ratio Lower Upper
180 100
182 92.8 77.1 115.7
145 33.6 27.0 40.4

