

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101422\
 Data File : VU051420.D
 Acq On : 14 Oct 2022 11:50
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Quant Time: Oct 15 06:03:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U100422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 05 02:45:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/17/2022
 Supervised By :Mahesh Dadoda 10/18/2022

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

Internal Standards						
1) Fluorobenzene	6.115	96	47515	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	20644	1.323	ug/l	0.00
Spiked Amount 1.000			Recovery	=	132.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	17845	1.028	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	178085	11.403	ug/l	98
3) Chloromethane	1.527	50	212694	10.153	ug/l	99
4) Vinyl Chloride	1.604	62	205954	10.355	ug/l	99
5) Bromomethane	1.848	94	93556	7.389	ug/l	96
6) Chloroethane	1.929	64	118622	9.505	ug/l	98
7) Trichlorofluoromethane	2.138	101	234010	10.381	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	138150	10.649	ug/l	95
9) 1,1-Dichloroethene	2.578	96	128156	9.375	ug/l	96
10) Iodomethane	2.720	142	191336	9.601	ug/l	99
11) Allyl Chloride	2.922	41	197757	9.247	ug/l	94
12) Acrylonitrile	3.314	53	88716	20.760	ug/l	98
13) Acetone	2.623	43	157400	69.146	ug/l	94
14) Carbon Disulfide	2.790	76	474896	9.174	ug/l	99
15) Methylene Chloride	3.041	84	168341	10.323	ug/l	96
16) trans-1,2-Dichloroethene	3.347	96	143808	9.316	ug/l	99
17) 1,1-Dichloroethane	3.864	63	278102	10.333	ug/l	99
18) 2-Butanone	4.713	43	241199	69.266	ug/l	99
19) Cyclohexane	5.385	56	202933m	11.241	ug/l	
20) Methylcyclohexane	6.761	83	201309	11.140	ug/l	95
21) 2,2-Dichloropropane	4.662	77	200064	10.902	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	150143	10.130	ug/l	98
23) Diethyl Ether	2.379	59	119583	9.815	ug/l	99
24) tert-Butyl Alcohol	3.189	59	161414	280.740	ug/l #	94
25) Methyl tert-Butyl Ether	3.369	73	364632	10.040	ug/l	95
26) Bromochloromethane	4.970	128	74727	10.488	ug/l	96
27) Chloroform	5.086	83	279138	10.190	ug/l	95
28) 1,1,1-Trichloroethane	5.314	97	223787	10.322	ug/l	97
29) 1,1-Dichloropropene	5.523	75	195531	11.338	ug/l	99
30) Carbon Tetrachloride	5.520	117	197377	10.734	ug/l	98
31) Isopropyl Ether	3.999	45	331772	9.390	ug/l	82
32) Ethyl-t-butyl ether	4.511	59	306550	9.875	ug/l	98
33) Tert-Amyl methyl ether	5.945	73	302109	10.895	ug/l	98
34) Propionitrile	4.777	54	83169	72.987	ug/l	97
35) Benzene	5.771	78	601229	10.468	ug/l	97
36) 1,2-Dichloroethane	5.797	62	195303	10.833	ug/l	100
37) Trichloroethene	6.543	130	136436	9.762	ug/l	98
38) 1,2-Dichloropropane	6.790	63	171844	10.960	ug/l	100
39) Methacrylonitrile	4.977	41	53015	12.868	ug/l #	89
40) Methyl acrylate	4.851	55	86544	12.152	ug/l	99
41) Tetrahydrofuran	5.064	42	56402	25.844	ug/l	96
42) 1-Chlorobutane	5.456	56	261794	10.879	ug/l	98
43) Dibromomethane	6.919	93	93170	11.065	ug/l	94
44) Bromodichloromethane	7.105	83	203247	10.341	ug/l	97

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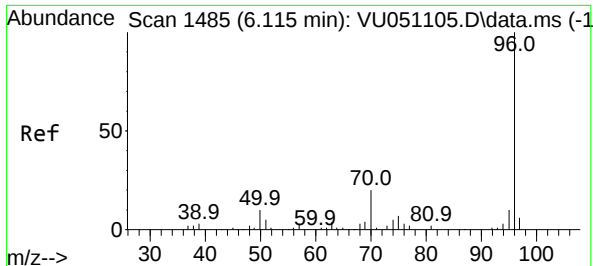
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	554002	62.602	ug/l	99
46) t-1,4-Dichloro-2-butene	10.835	75	73634m	25.224	ug/l	
47) Methyl methacrylate	6.961	69	175326	26.026	ug/l	92
48) Ethyl methacrylate	8.333	69	131018	11.600	ug/l	94
49) Toluene	7.967	92	341815	10.960	ug/l	96
50) t-1,3-Dichloropropene	8.211	75	178941	11.323	ug/l	97
51) cis-1,3-Dichloropropene	7.607	75	195563	10.619	ug/l	95
52) 1,1,2-Trichloroethane	8.401	97	131101	10.733	ug/l	98
53) 1,3-Dichloropropane	8.575	76	221092	11.400	ug/l	100
54) 2-Hexanone	8.684	43	387572	61.881	ug/l	98
55) Dibromochloromethane	8.809	129	143149	10.756	ug/l	99
56) 1,2-Dibromoethane	8.922	107	119811	10.956	ug/l	100
58) Tetrachloroethene	8.552	164	123864	8.764	ug/l	99
59) Chlorobenzene	9.446	112	349101	10.151	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.533	131	132869	9.849	ug/l	98
61) Pentachloroethane	11.427	117	117259	12.560	ug/l	91
62) Hexachloroethane	12.475	117	111085	10.311	ug/l	95
63) Ethyl Benzene	9.568	91	554193	10.494	ug/l	100
64) m/p-Xylenes	9.694	106	487099	19.201	ug/l	96
65) o-Xylene	10.099	106	217752	10.758	ug/l	98
66) Styrene	10.112	104	374673	9.125	ug/l	99
67) Bromoform	10.288	173	83761	10.904	ug/l	99
69) Isopropylbenzene	10.485	105	549041	9.034	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.780	83	187537	12.024	ug/l	98
71) 1,2,3-Trichloropropane	10.825	75	131043m	10.351	ug/l	
72) Bromobenzene	10.780	156	139367	10.168	ug/l	94
73) n-propylbenzene	10.906	120	158709	9.347	ug/l	99
74) 2-Chlorotoluene	10.983	126	150126	11.306	ug/l	96
75) 1,3,5-Trimethylbenzene	11.086	105	523942	9.471	ug/l	98
76) 4-Chlorotoluene	11.095	126	159826	10.030	ug/l	82
77) tert-Butylbenzene	11.420	119	462440	11.154	ug/l	99
78) 1,2,4-Trimethylbenzene	11.465	105	534900	9.290	ug/l	98
79) sec-Butylbenzene	11.642	105	654198	9.406	ug/l	99
80) Nitrobenzene	13.205	77	37573	52.736	ug/l	99
81) p-Isopropyltoluene	11.793	119	521779	9.132	ug/l	100
82) 1,3-Dichlorobenzene	11.745	146	290579	10.059	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	293889	10.323	ug/l	99
84) n-Butylbenzene	12.208	91	436088	8.398	ug/l	97
85) 1,2-Dichlorobenzene	12.211	146	288801	10.149	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.992	75	29977	12.429	ug/l	85
87) 1,2,4-Trichlorobenzene	13.838	180	119425	7.513	ug/l	99
88) Hexachlorobutadiene	14.018	225	93972	9.502	ug/l	99
89) Naphthalene	14.086	128	250641	9.081	ug/l	98
90) 1,2,3-Trichlorobenzene	14.327	180	137632	8.251	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

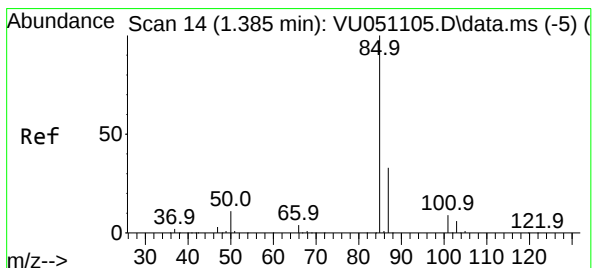
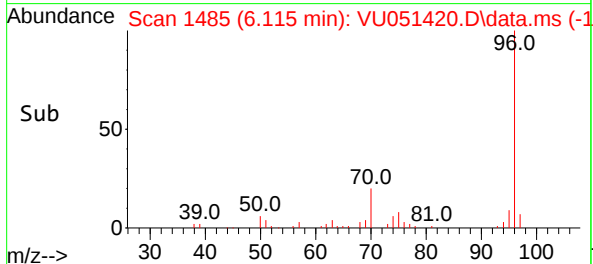
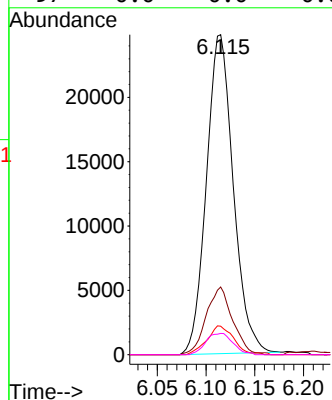
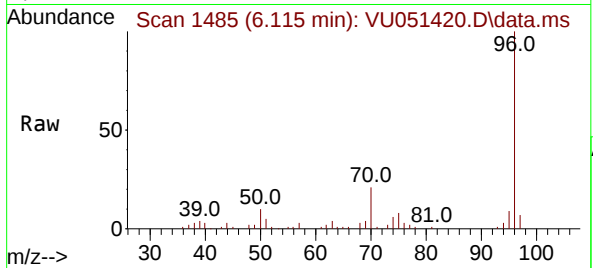
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 96 Resp: 4751

Ion	Ratio	Lower	Upper
96	100		
70	20.7	16.7	25.1
95	8.3	7.4	11.0
97	0.0	0.0	0.0

Manual Integrations
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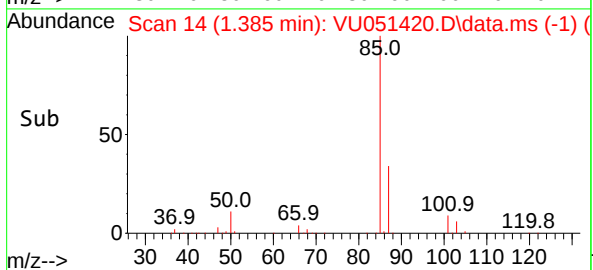
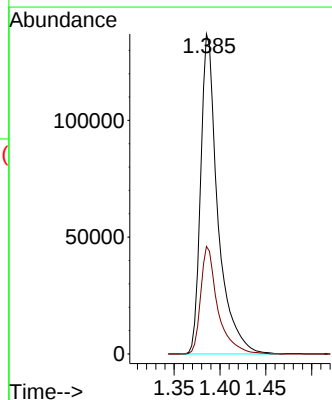
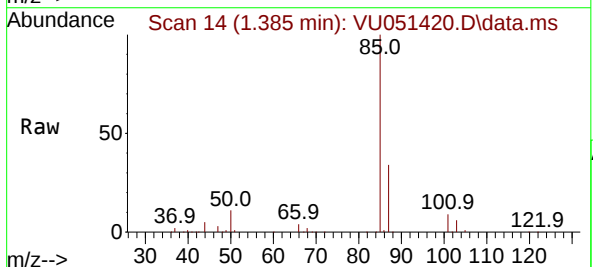
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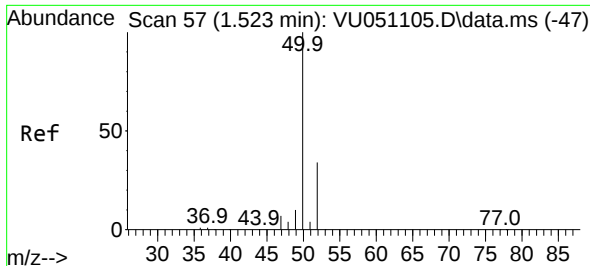


#2
Dichlorodifluoromethane
Concen: 11.403 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

Tgt Ion: 85 Resp: 178085

Ion	Ratio	Lower	Upper
85	100		
87	33.6	16.3	48.8





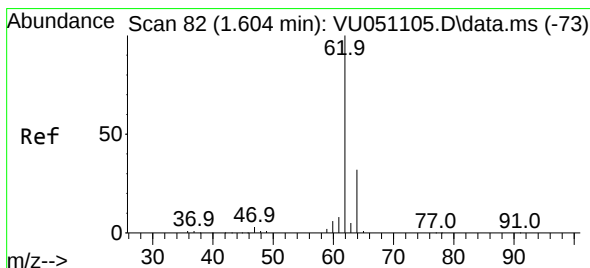
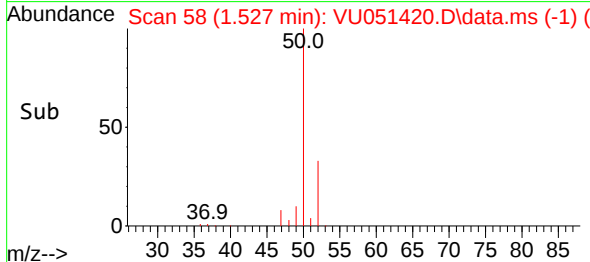
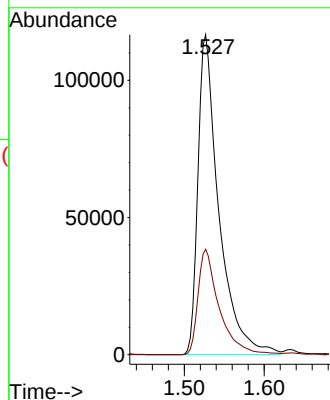
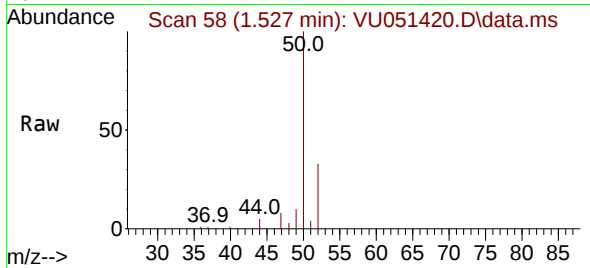
#3
Chloromethane
Concen: 10.153 ug/l
RT: 1.527 min Scan# 50
Delta R.T. 0.003 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 50 Resp: 212694
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1

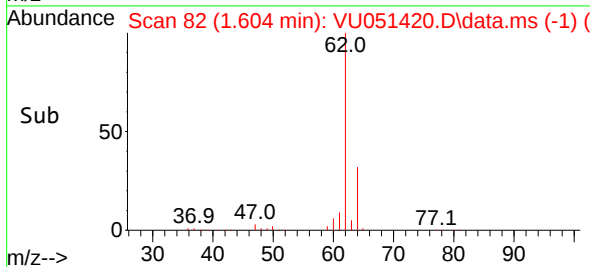
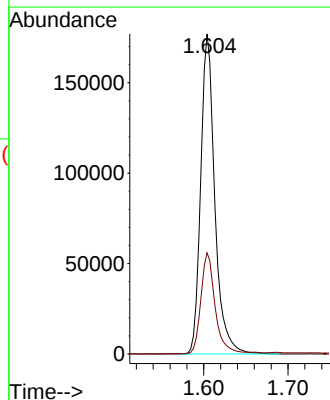
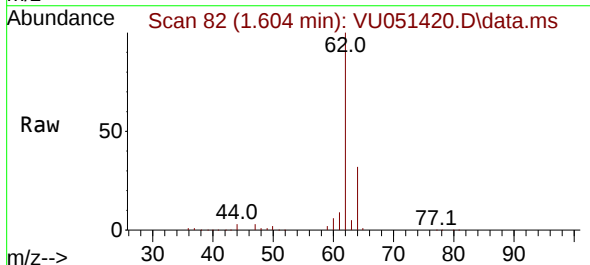
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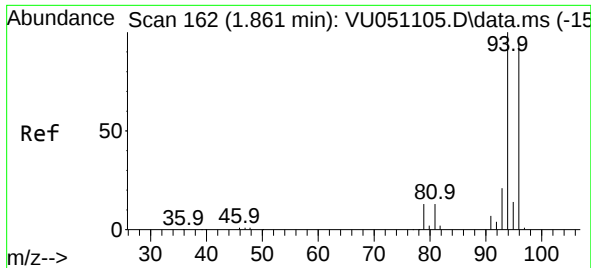
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022



#4
Vinyl Chloride
Concen: 10.355 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

Tgt Ion: 62 Resp: 205954
Ion Ratio Lower Upper
62 100
64 31.5 25.5 38.3





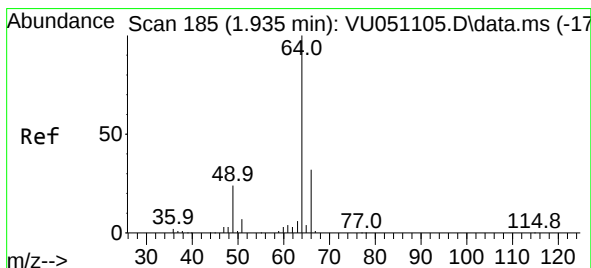
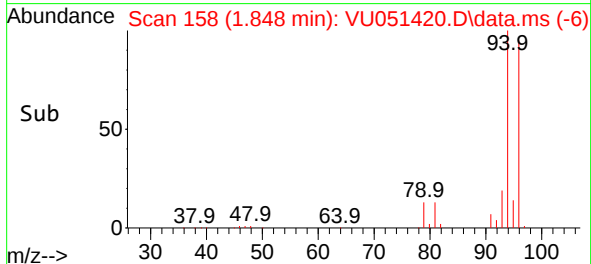
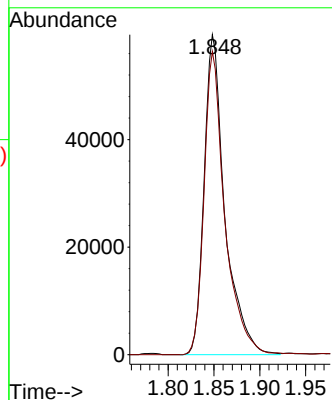
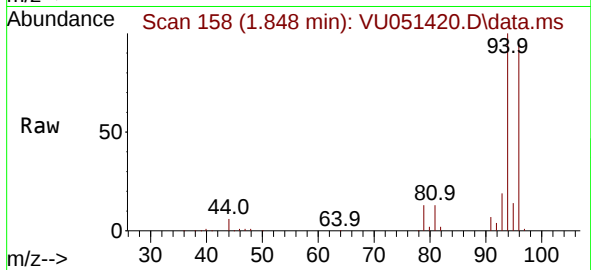
#5
Bromomethane
Concen: 7.389 ug/l
RT: 1.848 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 94 Resp: 93550
Ion Ratio Lower Upper
94 100
96 94.7 73.0 109.6

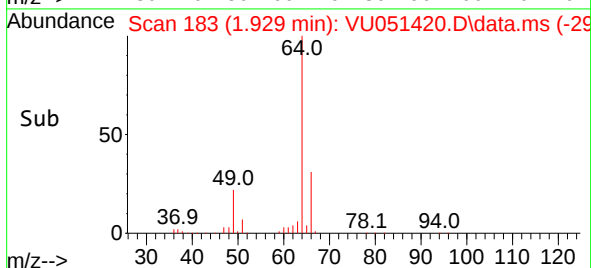
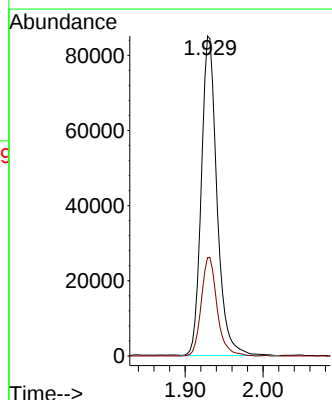
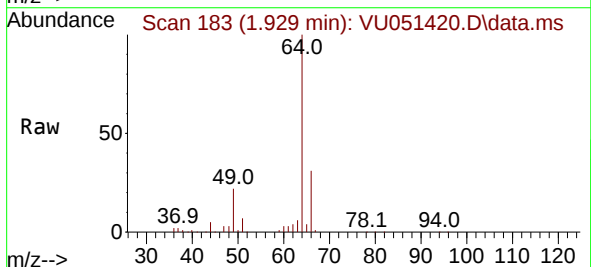
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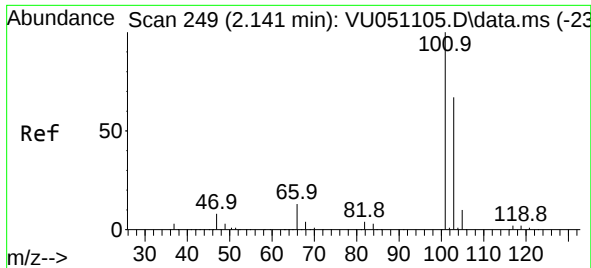
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022



#6
Chloroethane
Concen: 9.505 ug/l
RT: 1.929 min Scan# 183
Delta R.T. -0.006 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

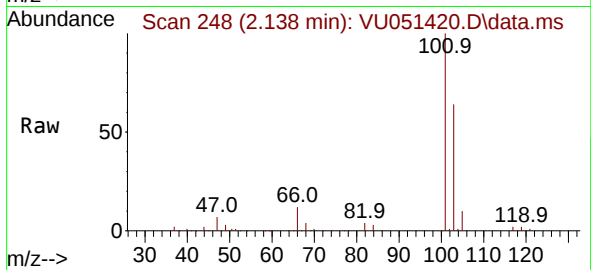
Tgt Ion: 64 Resp: 118622
Ion Ratio Lower Upper
64 100
66 30.8 25.8 38.6





#7
Trichlorofluoromethane
Concen: 10.381 ug/l
RT: 2.138 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

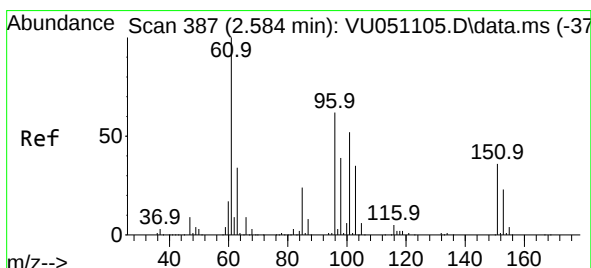
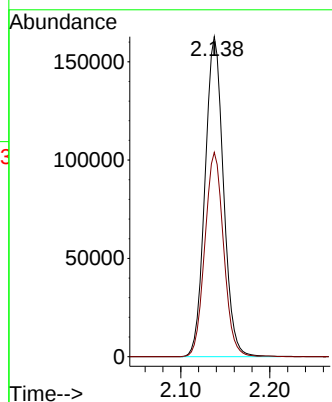
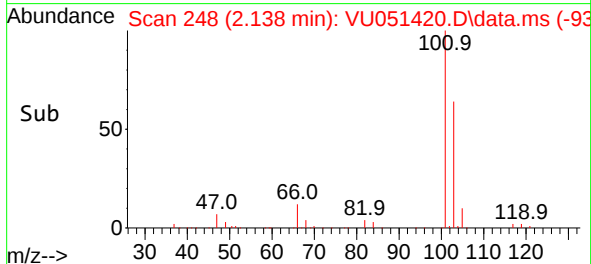
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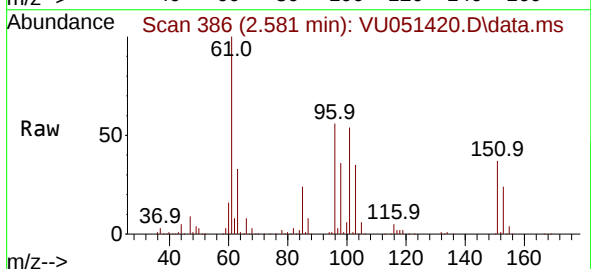
Tgt Ion:101 Resp: 234010
Ion Ratio Lower Upper
101 100
103 63.8 51.8 77.6

Manual Integrations
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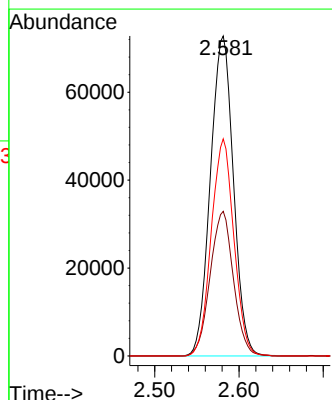
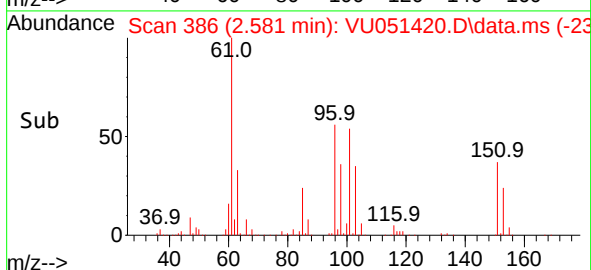
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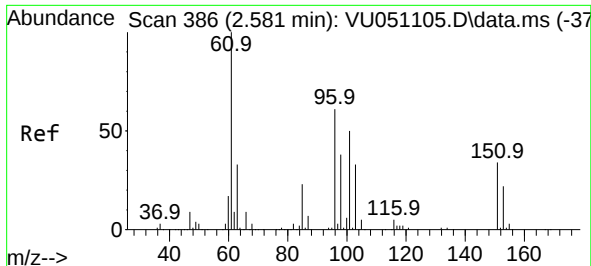


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.649 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50



Tgt Ion:101 Resp: 138150
Ion Ratio Lower Upper
101 100
85 45.7 36.4 54.6
151 66.7 59.1 88.7





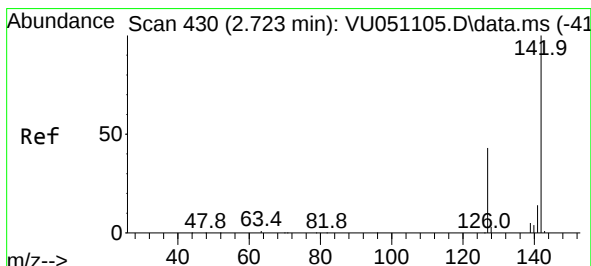
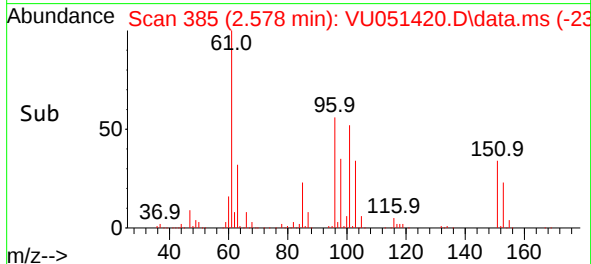
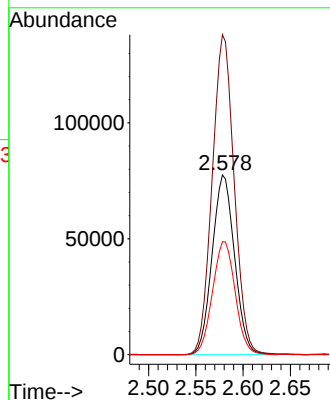
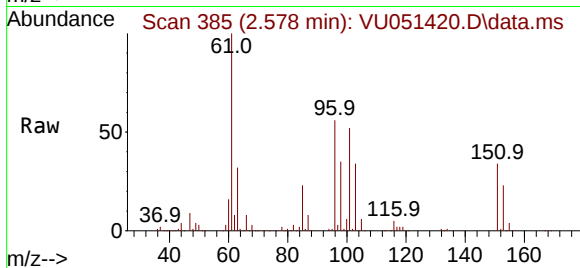
#9
1,1-Dichloroethene
Concen: 9.375 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 96 Resp: 128150
Ion Ratio Lower Upper
96 100
61 178.1 0.0 510.6
98 62.9 0.0 124.6

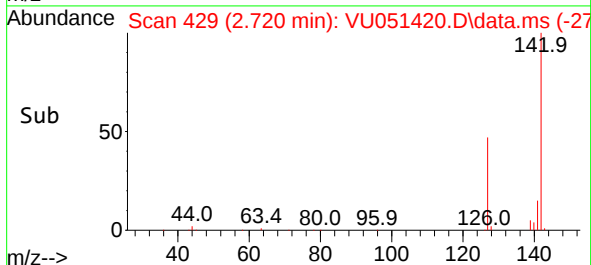
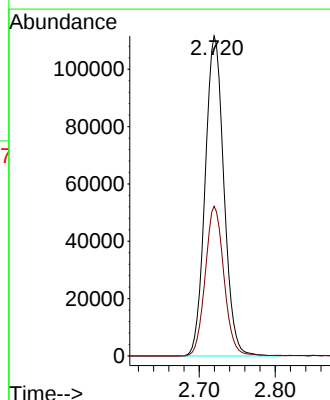
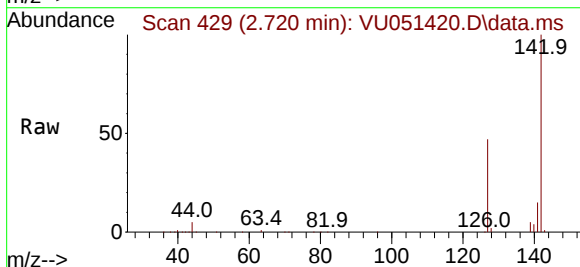
Manual Integrations
APPROVED

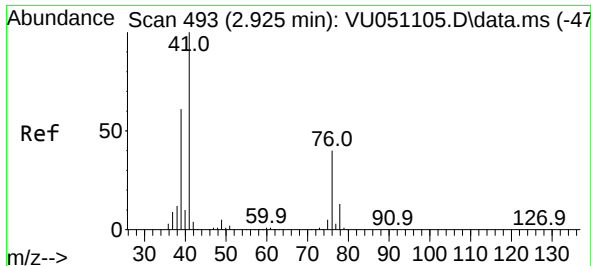
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022



#10
Iodomethane
Concen: 9.601 ug/l
RT: 2.720 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

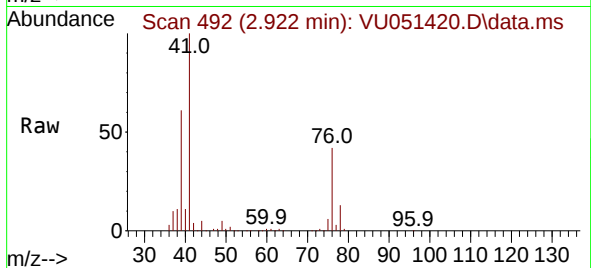
Tgt Ion:142 Resp: 191336
Ion Ratio Lower Upper
142 100
127 46.7 38.2 57.2





#11
 Allyl Chloride
 Concen: 9.247 ug/l
 RT: 2.922 min Scan# 491
 Delta R.T. -0.003 min
 Lab File: VU051420.D
 Acq: 14 Oct 2022 11:50

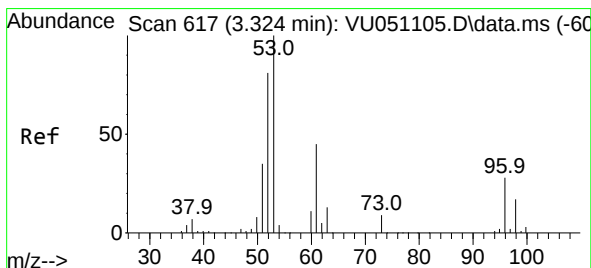
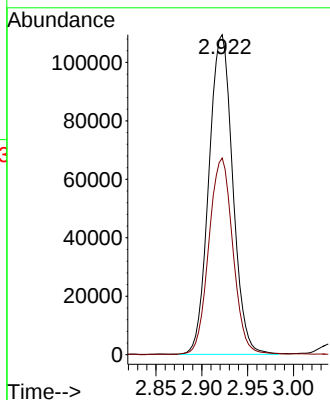
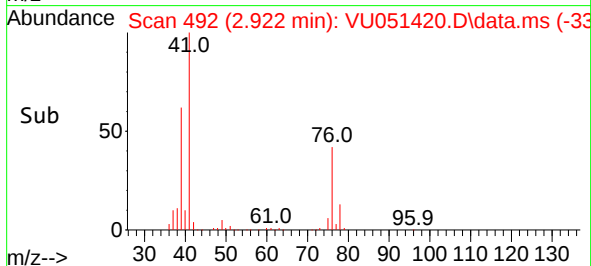
Instrument :
 MSVOA_U
 Client Sample Id :
 VSTDCCC010



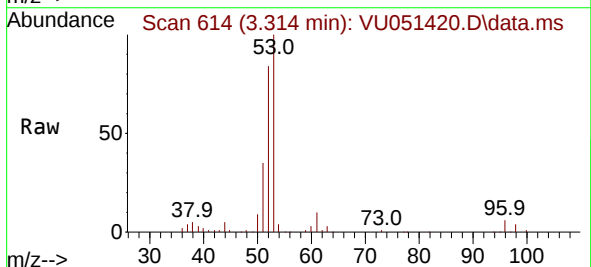
Tgt Ion: 41 Resp: 19775
 Ion Ratio Lower Upper
 41 100
 39 61.8 53.2 79.8

Manual Integrations
 APPROVED

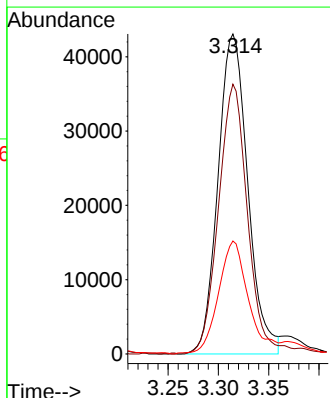
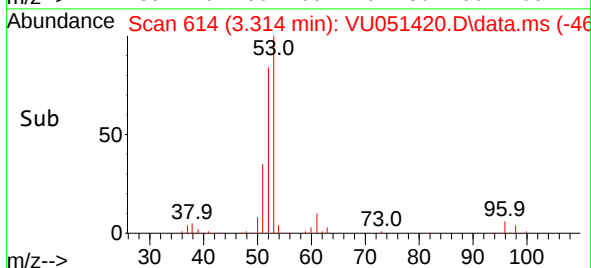
Reviewed By :Krupa Patel 10/17/2022
 Supervised By :Mahesh Dadoda 10/18/2022

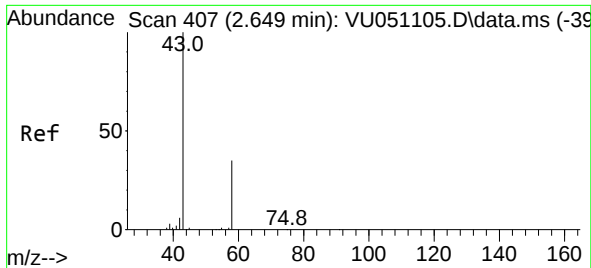


#12
 Acrylonitrile
 Concen: 20.760 ug/l
 RT: 3.314 min Scan# 614
 Delta R.T. -0.010 min
 Lab File: VU051420.D
 Acq: 14 Oct 2022 11:50



Tgt Ion: 53 Resp: 88716
 Ion Ratio Lower Upper
 53 100
 52 82.1 64.6 97.0
 51 35.6 30.7 46.1





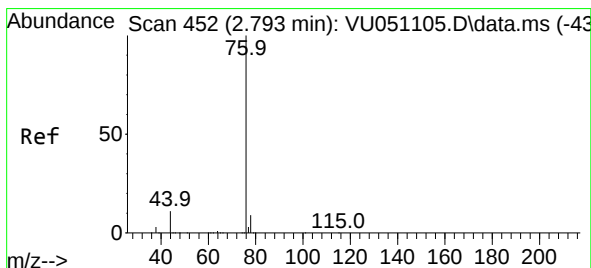
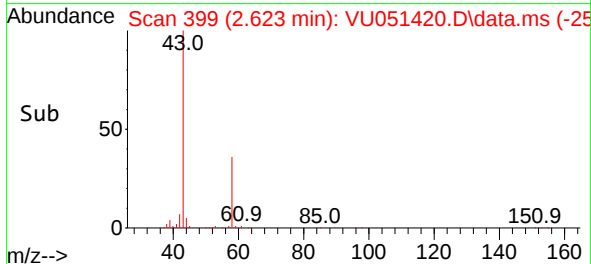
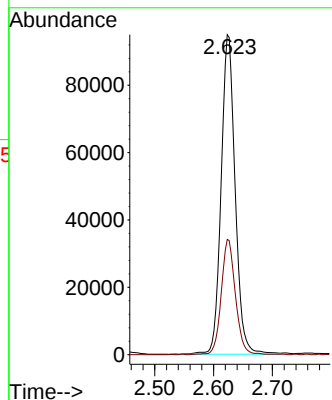
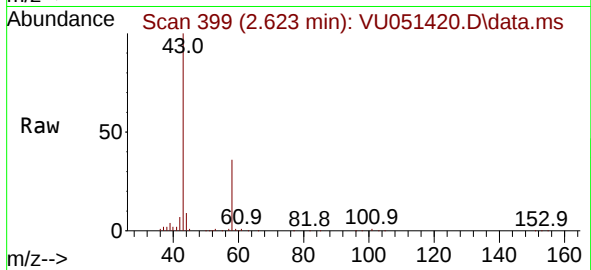
#13
Acetone
Concen: 69.146 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.026 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 157400
Ion Ratio Lower Upper
43 100
58 35.9 26.2 39.2

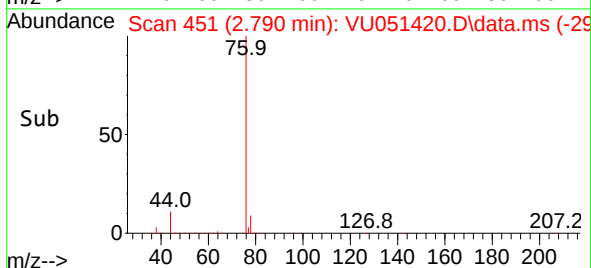
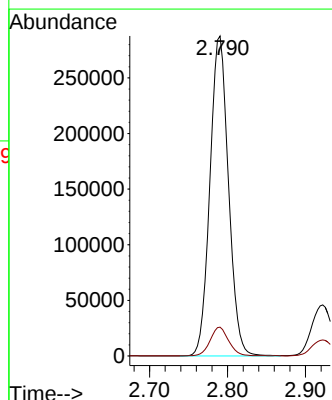
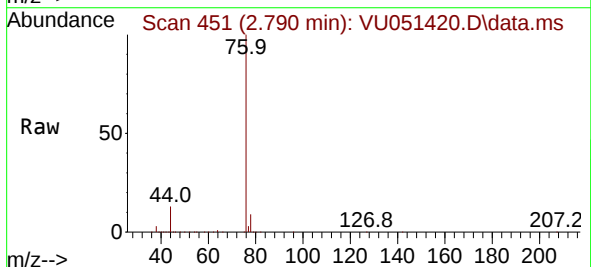
Manual Integrations
APPROVED

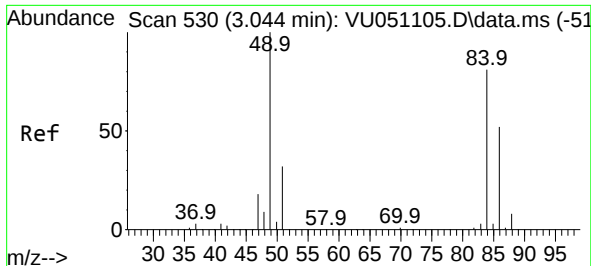
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022



#14
Carbon Disulfide
Concen: 9.174 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.003 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

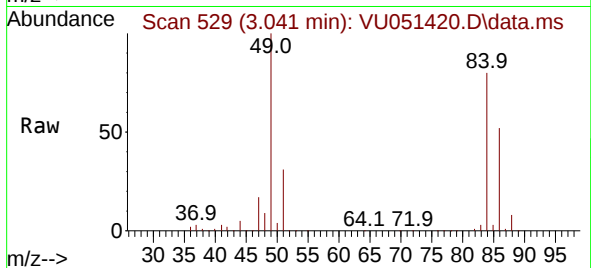
Tgt Ion: 76 Resp: 474896
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0





#15
Methylene Chloride
Concen: 10.323 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

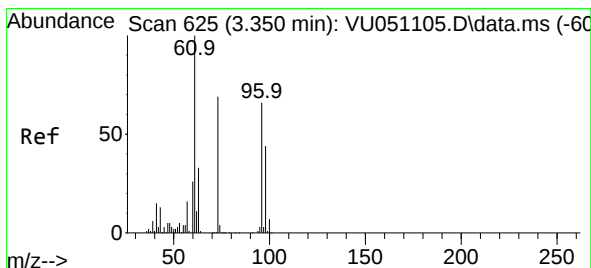
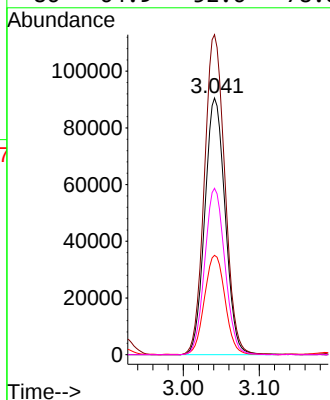
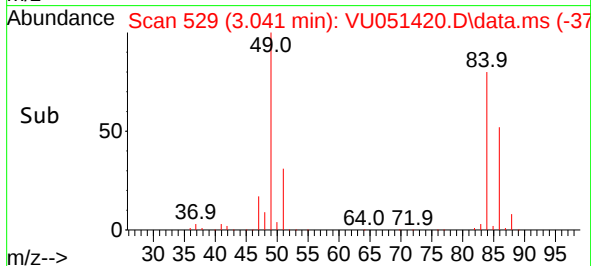
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 84 Resp: 16834
Ion Ratio Lower Upper
84 100
49 124.7 104.6 157.0
51 38.7 0.0 81.4
86 64.9 52.6 78.8

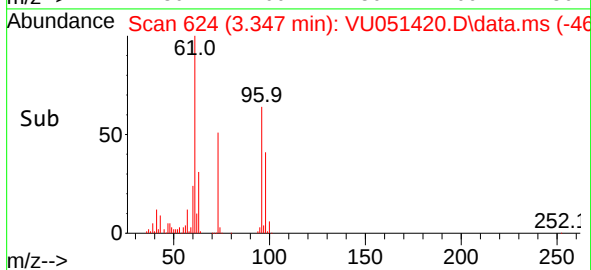
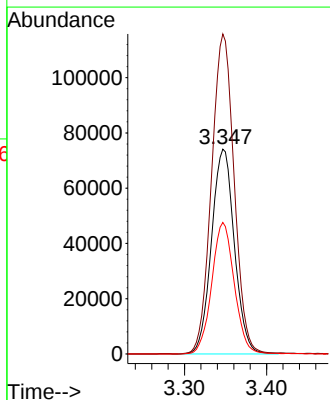
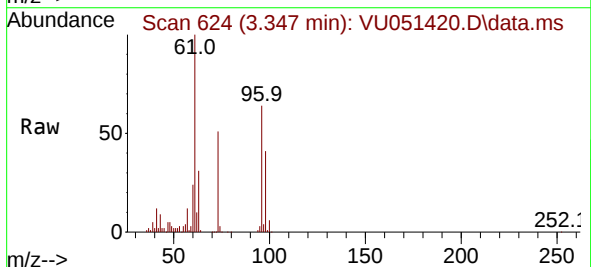
Manual Integrations
APPROVED

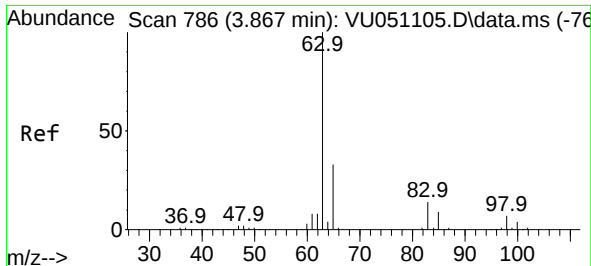
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022



#16
trans-1,2-Dichloroethene
Concen: 9.316 ug/l
RT: 3.347 min Scan# 624
Delta R.T. -0.003 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

Tgt Ion: 96 Resp: 143808
Ion Ratio Lower Upper
96 100
61 156.3 123.4 185.0
98 64.2 51.6 77.4





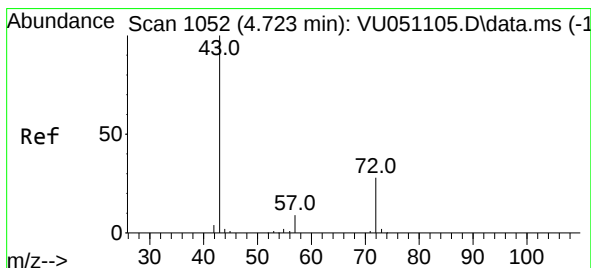
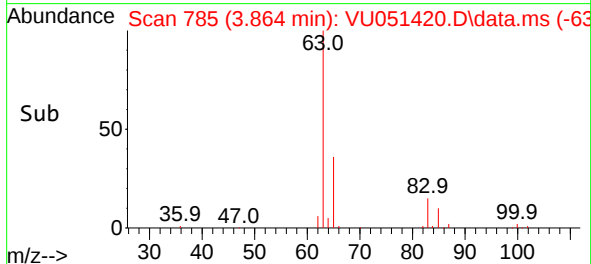
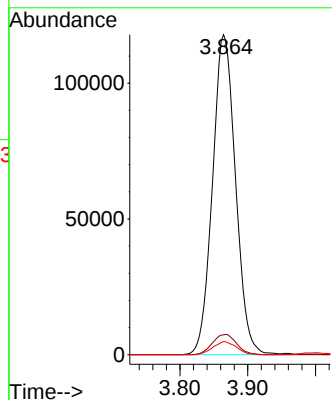
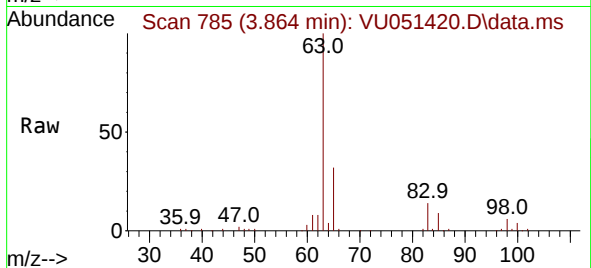
#17
1,1-Dichloroethane
Concen: 10.333 ug/l
RT: 3.864 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 27810
Ion Ratio Lower Upper
63 100
98 6.2 3.4 10.2
100 4.1 2.0 6.0

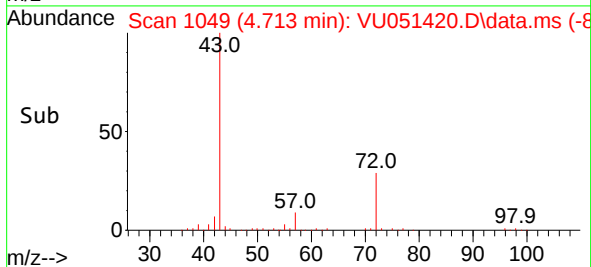
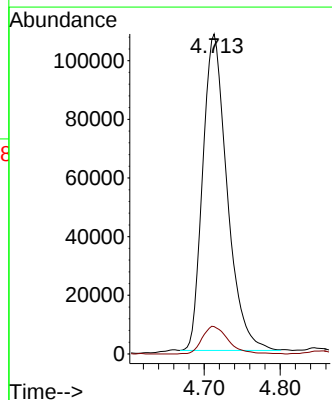
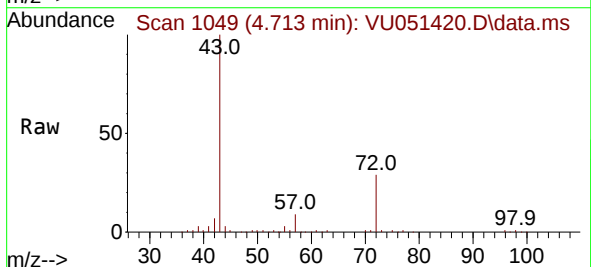
Manual Integrations
APPROVED

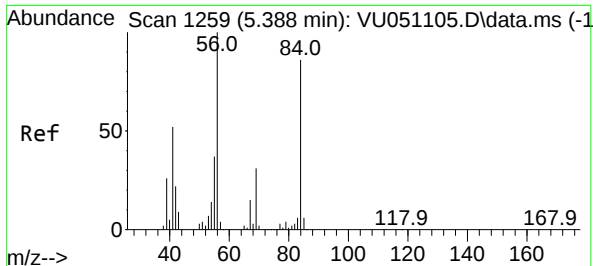
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022



#18
2-Butanone
Concen: 69.266 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. -0.010 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

Tgt Ion: 43 Resp: 241199
Ion Ratio Lower Upper
43 100
57 8.5 0.0 18.0





#19

Cyclohexane

Concen: 11.241 ug/l m

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU051420.D

Acq: 14 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 56 Resp: 20293

Ion Ratio Lower Upper

56 100

69 31.7 24.2 36.4

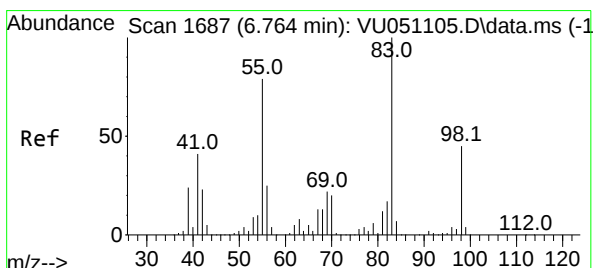
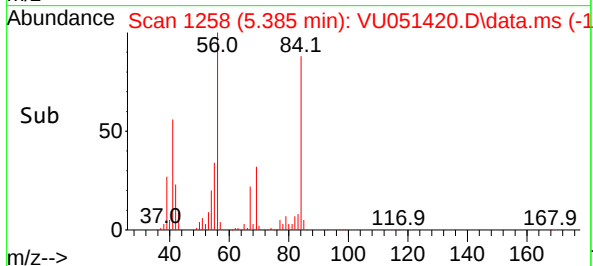
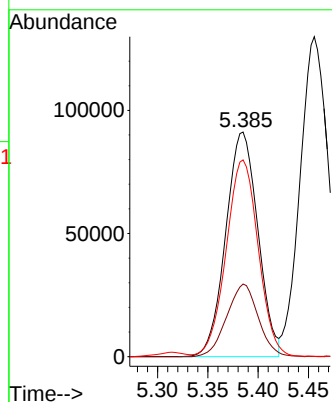
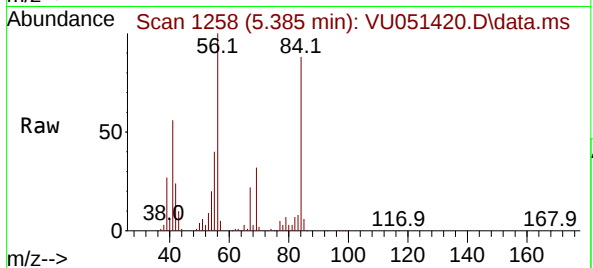
84 86.2 63.4 95.2

Manual Integrations

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Reviewed By :Krupa Patel 10/17/2022

Supervised By :Mahesh Dadoda 10/18/2022



#20

Methylcyclohexane

Concen: 11.140 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. -0.003 min

Lab File: VU051420.D

Acq: 14 Oct 2022 11:50

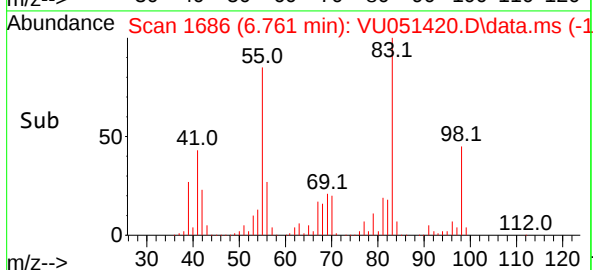
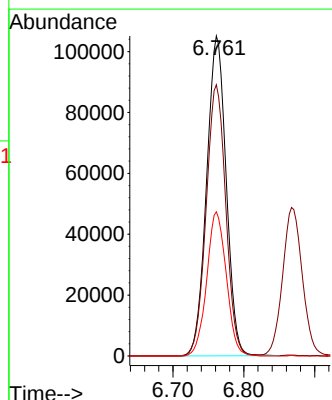
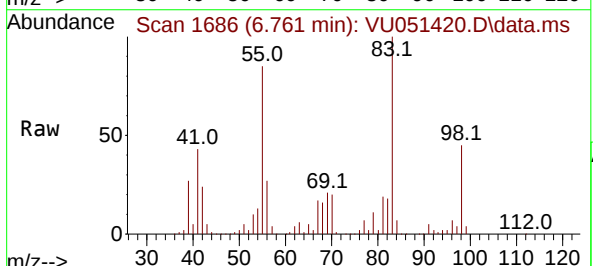
Tgt Ion: 83 Resp: 201309

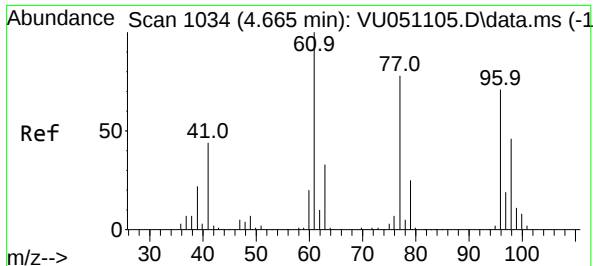
Ion Ratio Lower Upper

83 100

55 84.8 63.0 94.4

98 45.1 35.7 53.5





#21

2,2-Dichloropropane

Concen: 10.902 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU051420.D

Acq: 14 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 77 Resp: 200064

Ion Ratio Lower Upper

77 100

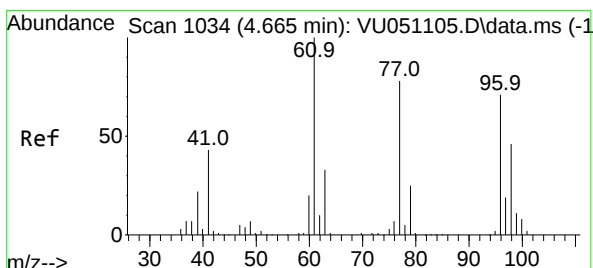
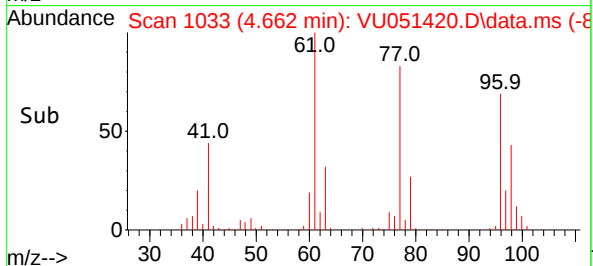
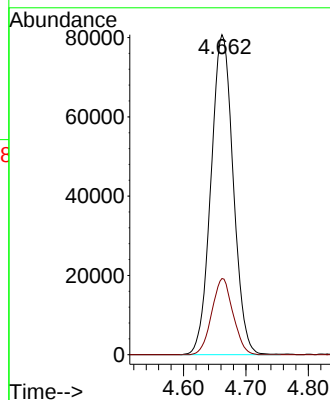
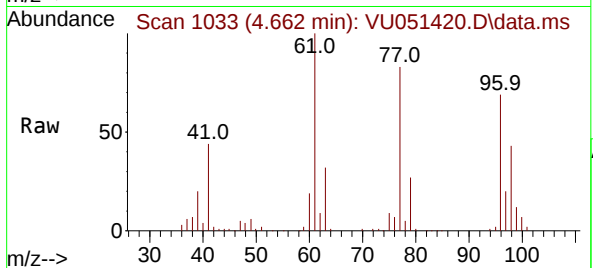
97 22.7 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/17/2022

Supervised By :Mahesh Dadoda 10/18/2022



#22

cis-1,2-Dichloroethene

Concen: 10.130 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051420.D

Acq: 14 Oct 2022 11:50

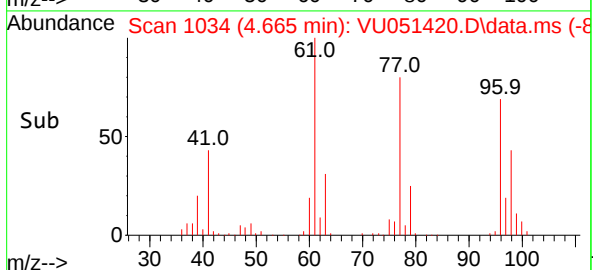
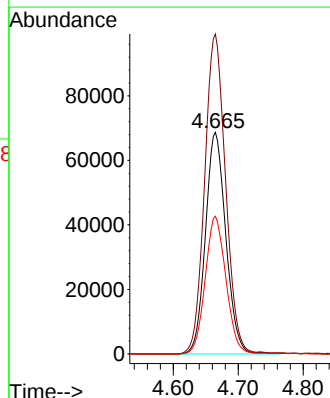
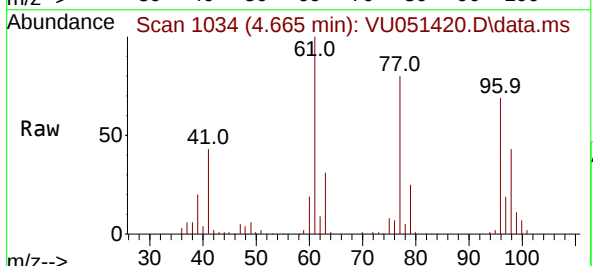
Tgt Ion: 96 Resp: 150143

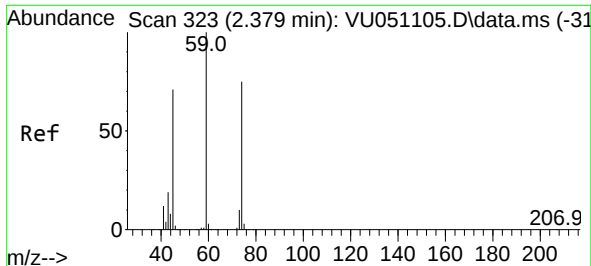
Ion Ratio Lower Upper

96 100

61 147.5 0.0 375.8

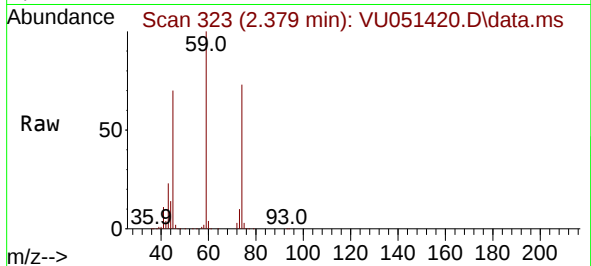
98 62.9 31.6 95.0





#23
Diethyl Ether
Concen: 9.815 ug/l
RT: 2.379 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

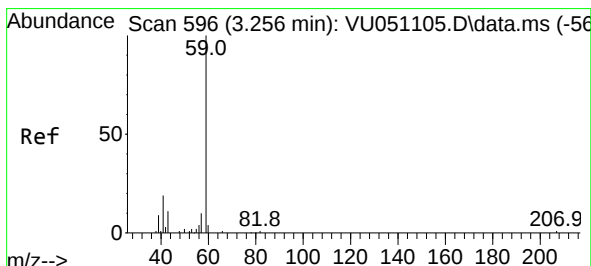
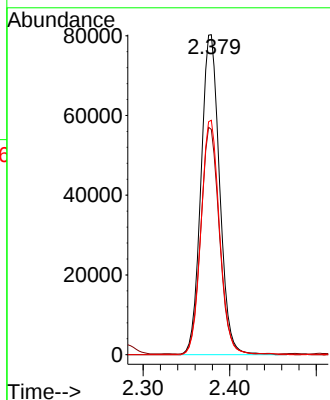
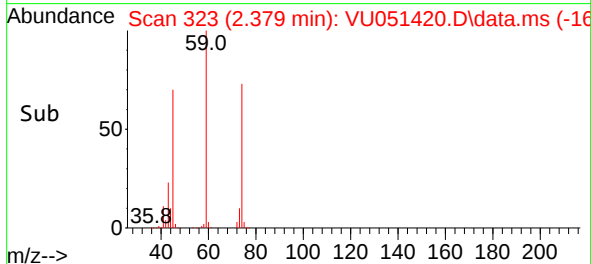
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 59 Resp: 11958
Ion Ratio Lower Upper
59 100
45 70.6 56.0 84.0
74 73.1 57.6 86.4

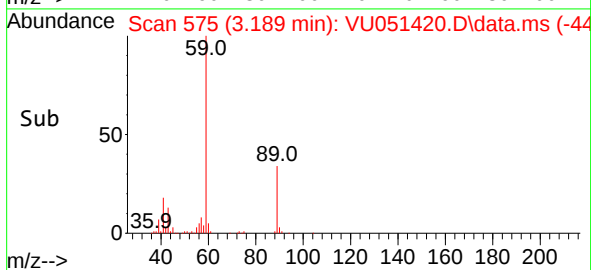
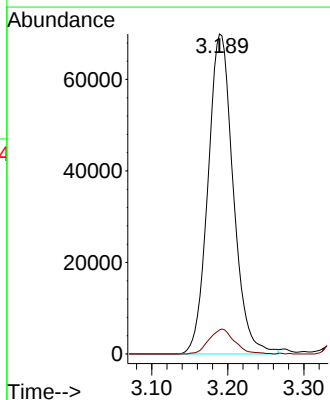
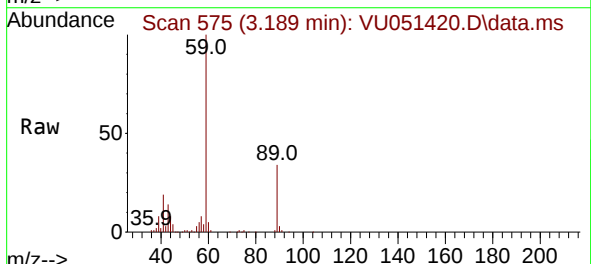
Manual Integrations
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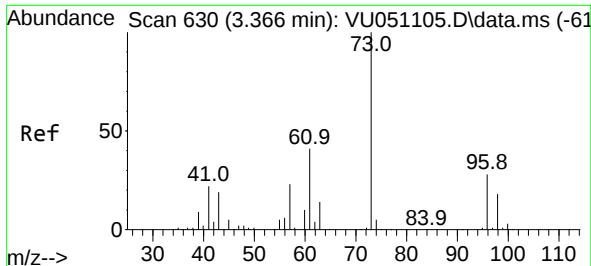
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022



#24
tert-Butyl Alcohol
Concen: 280.740 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.067 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

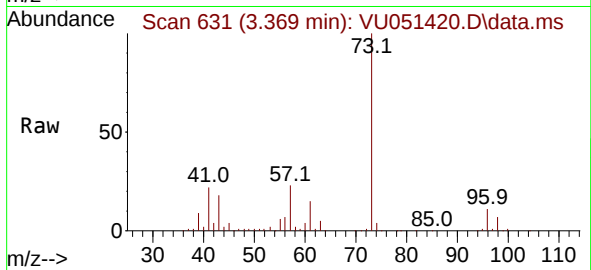
Tgt Ion: 59 Resp: 161414
Ion Ratio Lower Upper
59 100
57 7.9 8.2 12.2#





#25
Methyl tert-Butyl Ether
Concen: 10.040 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

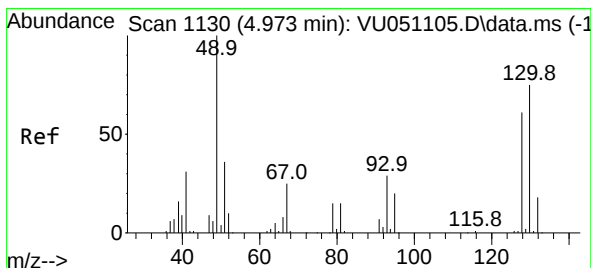
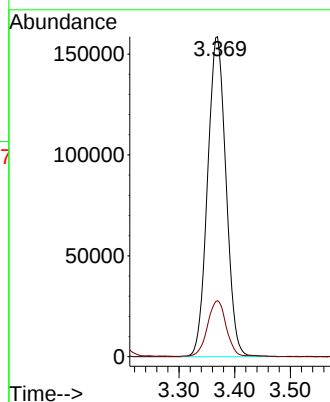
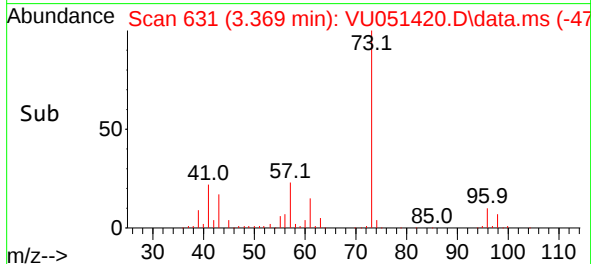
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



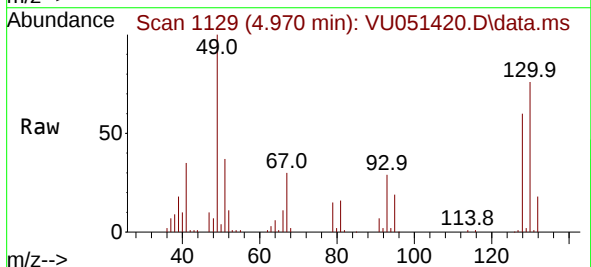
Tgt Ion: 73 Resp: 364632
Ion Ratio Lower Upper
73 100
43 17.5 15.9 23.9

Manual Integrations
APPROVED

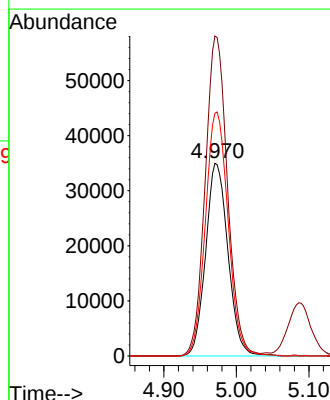
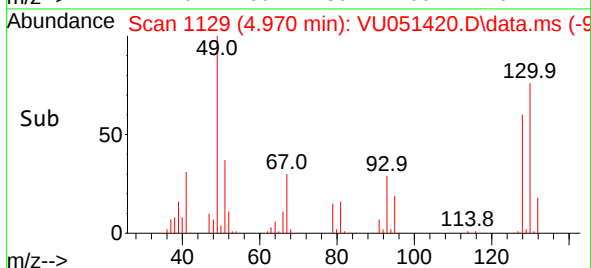
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022

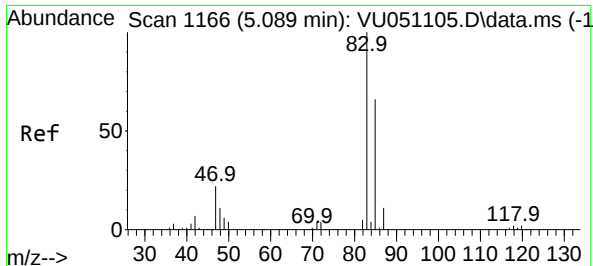


#26
Bromochloromethane
Concen: 10.488 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50



Tgt Ion:128 Resp: 74727
Ion Ratio Lower Upper
128 100
49 165.9 0.0 349.2
130 129.4 103.0 154.6





#27

Chloroform

Concen: 10.190 ug/l

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU051420.D

Acq: 14 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 279138

Ion Ratio Lower Upper

83 100

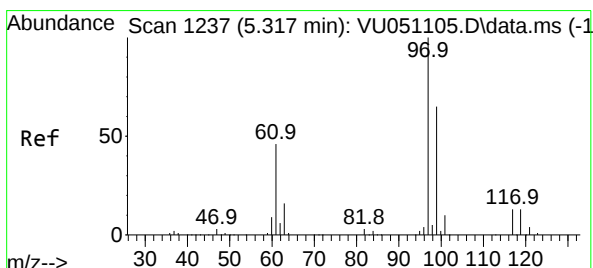
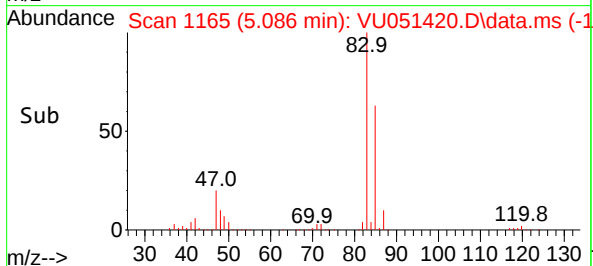
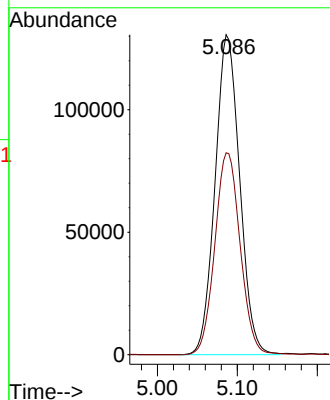
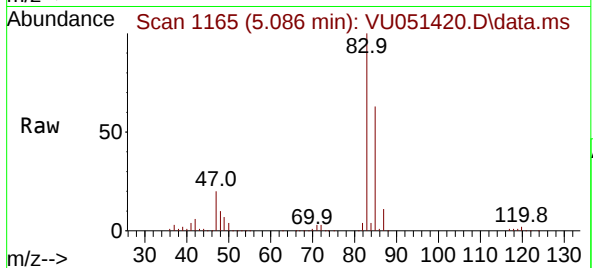
85 63.1 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/17/2022

Supervised By :Mahesh Dadoda 10/18/2022



#28

1,1,1-Trichloroethane

Concen: 10.322 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU051420.D

Acq: 14 Oct 2022 11:50

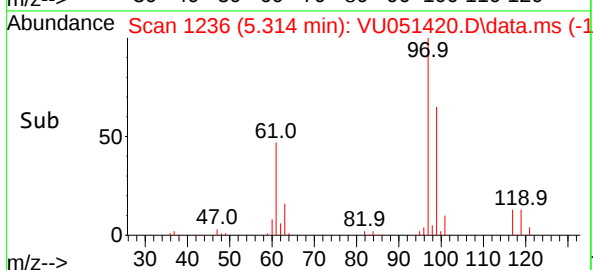
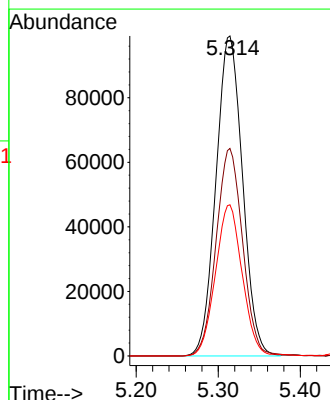
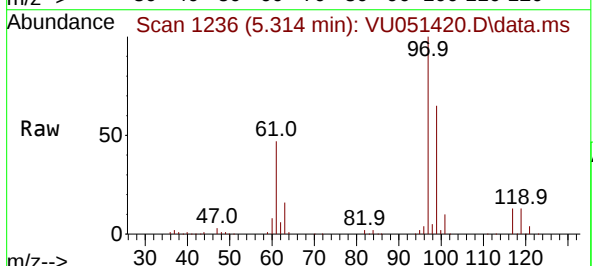
Tgt Ion: 97 Resp: 223787

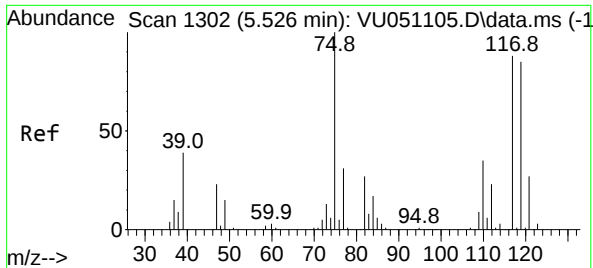
Ion Ratio Lower Upper

97 100

99 64.7 32.1 96.5

61 47.6 21.8 65.4





#29

1,1-Dichloropropene

Concen: 11.338 ug/l

RT: 5.523 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU051420.D

Acq: 14 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 19553

Ion Ratio Lower Upper

75 100

110 33.6 17.3 52.0

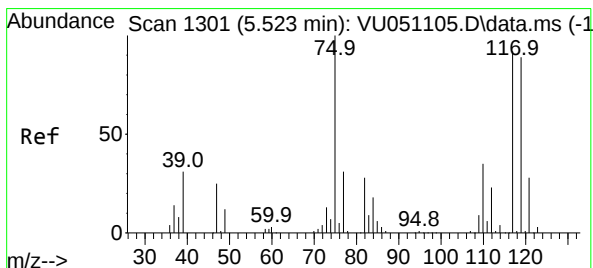
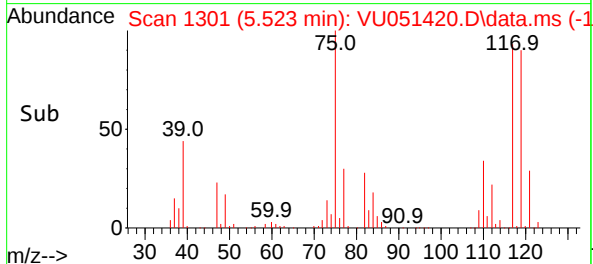
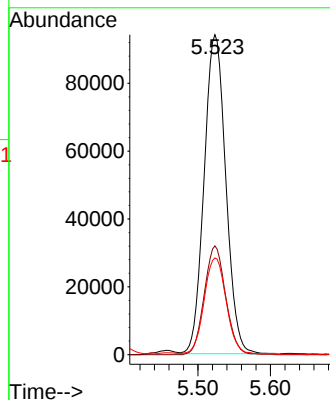
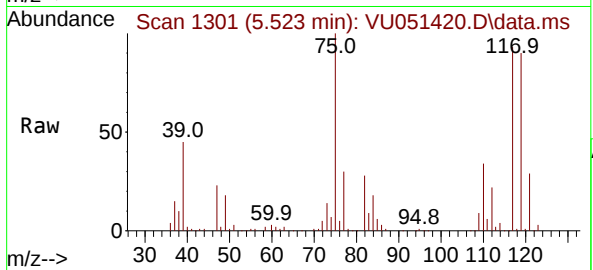
77 30.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/17/2022

Supervised By :Mahesh Dadoda 10/18/2022



#30

Carbon Tetrachloride

Concen: 10.734 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. -0.003 min

Lab File: VU051420.D

Acq: 14 Oct 2022 11:50

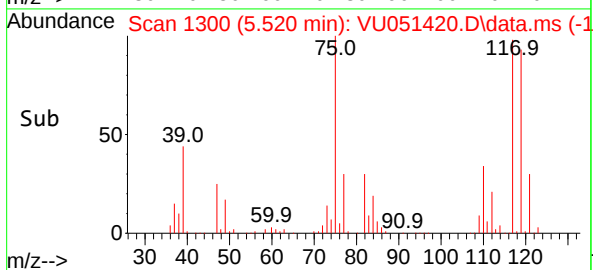
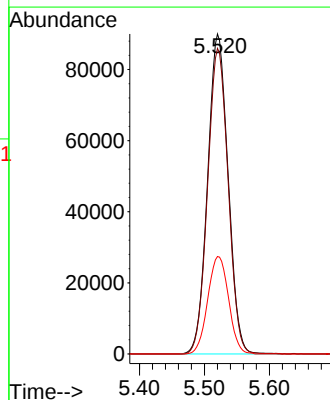
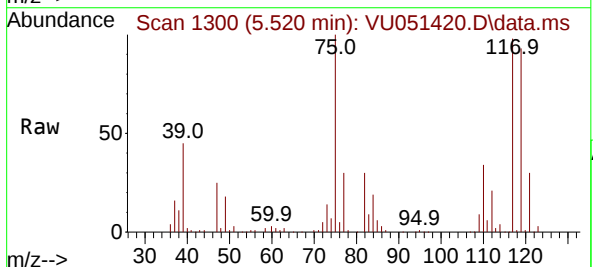
Tgt Ion:117 Resp: 197377

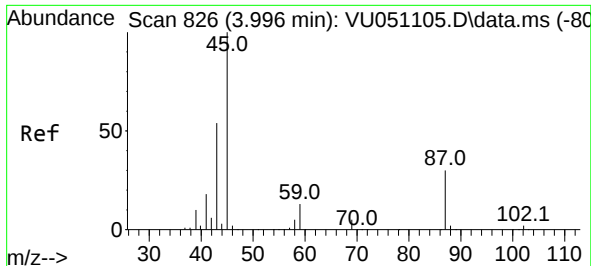
Ion Ratio Lower Upper

117 100

119 95.5 74.6 112.0

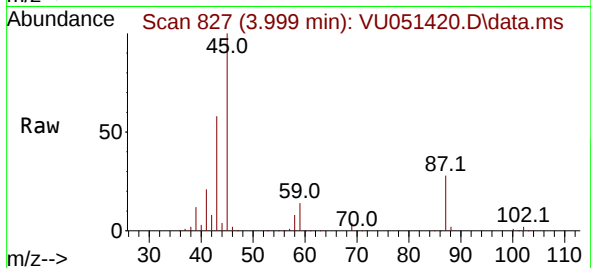
121 30.4 24.2 36.4





#31
Isopropyl Ether
Concen: 9.390 ug/l
RT: 3.999 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

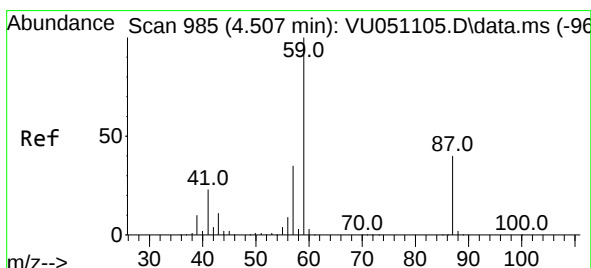
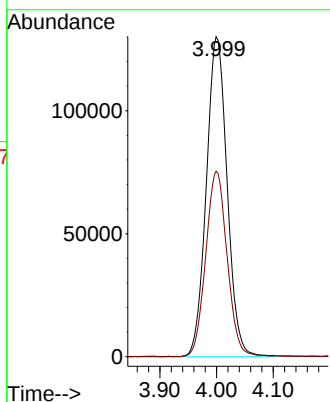
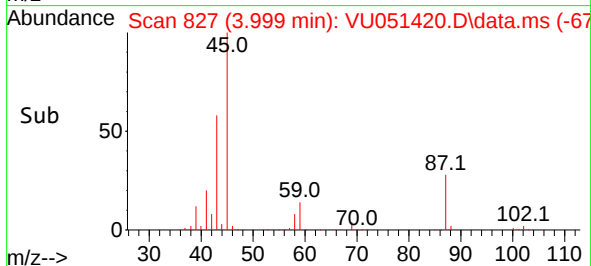
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



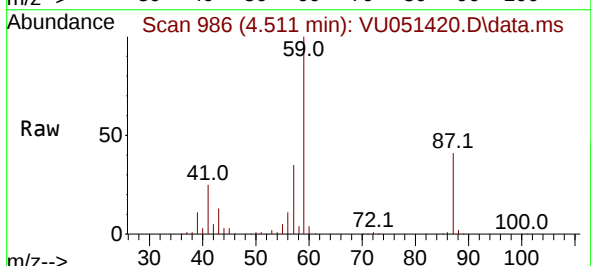
Tgt Ion: 45 Resp: 331772
Ion Ratio Lower Upper
45 100
43 59.6 23.8 71.2

Manual Integrations
APPROVED

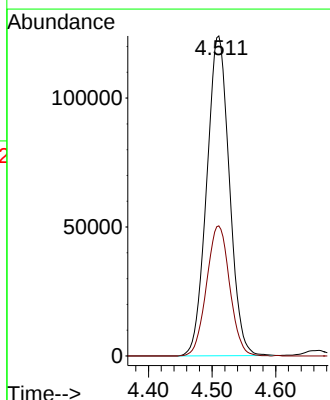
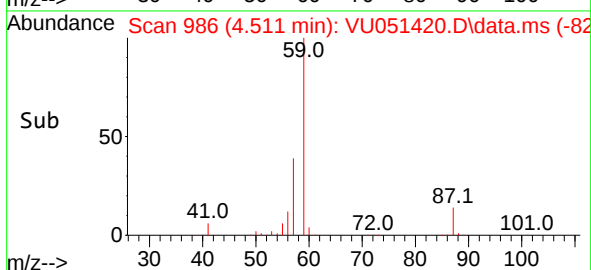
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022

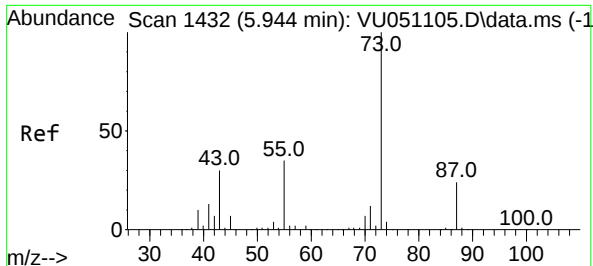


#32
Ethyl-t-butyl ether
Concen: 9.875 ug/l
RT: 4.511 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50



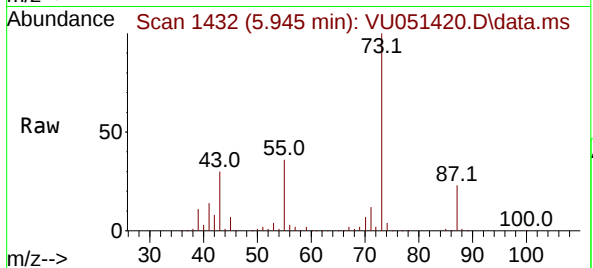
Tgt Ion: 59 Resp: 306550
Ion Ratio Lower Upper
59 100
87 41.6 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 10.895 ug/l
RT: 5.945 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

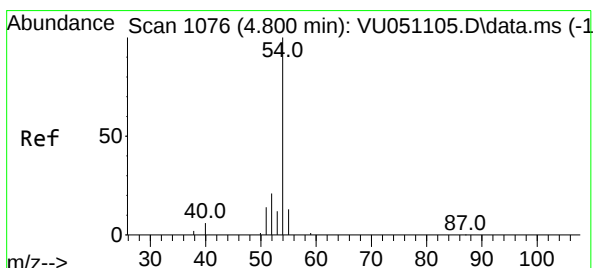
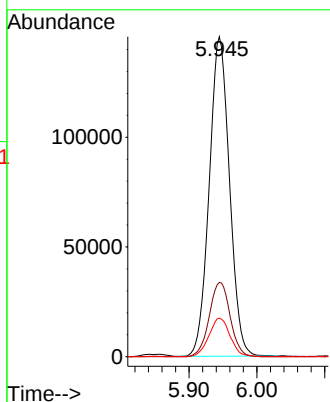
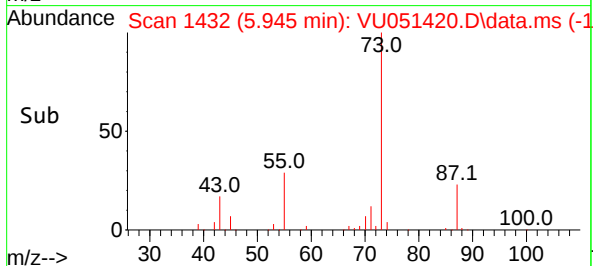
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



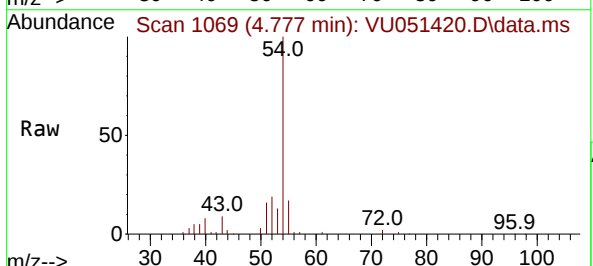
Tgt Ion: 73 Resp: 302109
Ion Ratio Lower Upper
73 100
87 24.0 19.7 29.5
71 12.6 9.0 13.4

Manual Integrations
APPROVED

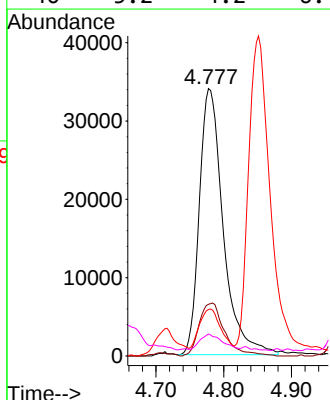
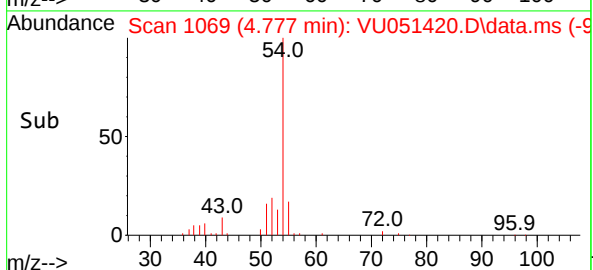
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022

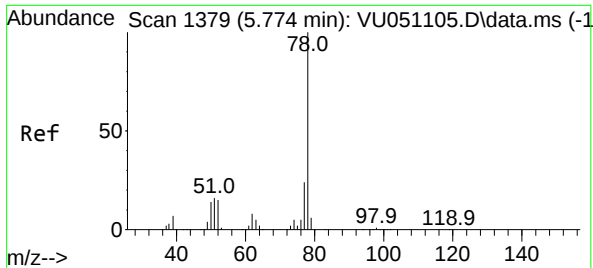


#34
Propionitrile
Concen: 72.987 ug/l
RT: 4.777 min Scan# 1069
Delta R.T. -0.022 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50



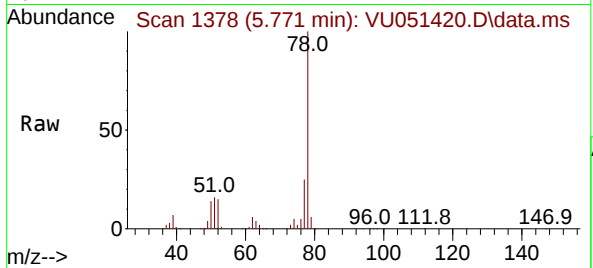
Tgt Ion: 54 Resp: 83169
Ion Ratio Lower Upper
54 100
52 21.2 15.0 22.6
55 15.0 12.6 19.0
40 5.2 4.2 6.4





#35
Benzene
Concen: 10.468 ug/l
RT: 5.771 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

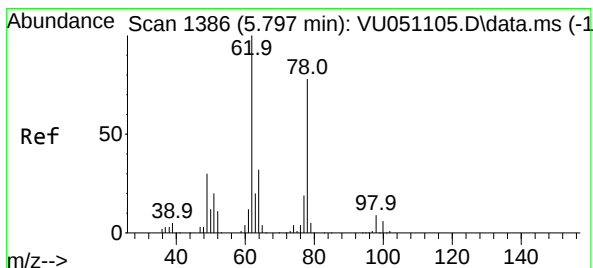
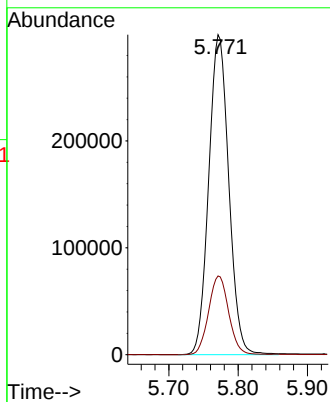
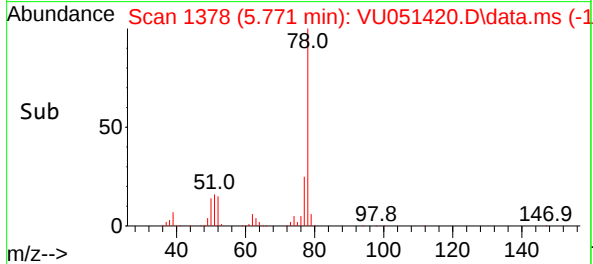
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 78 Resp: 601229
Ion Ratio Lower Upper
78 100
77 24.6 18.6 28.0

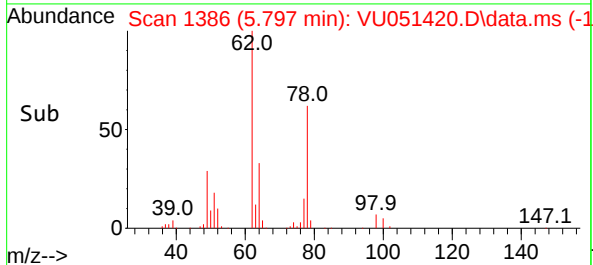
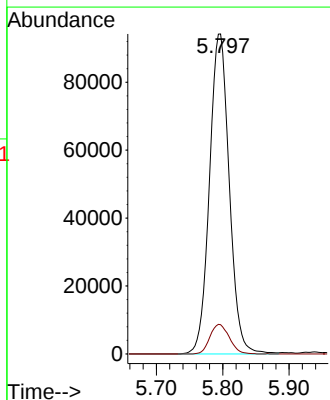
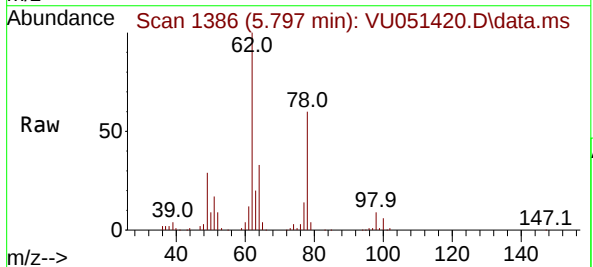
Manual Integrations
APPROVED

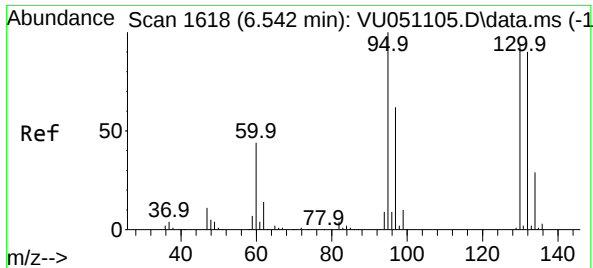
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022



#36
1,2-Dichloroethane
Concen: 10.833 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

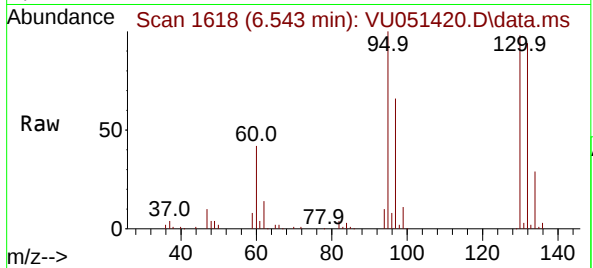
Tgt Ion: 62 Resp: 195303
Ion Ratio Lower Upper
62 100
98 9.1 7.4 11.0





#37
Trichloroethene
Concen: 9.762 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

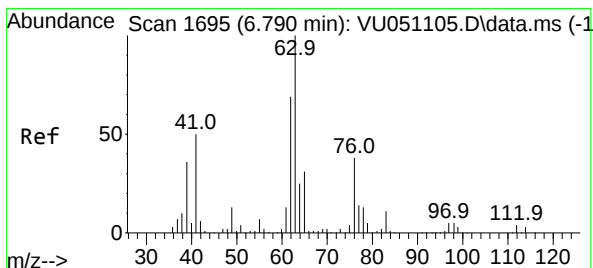
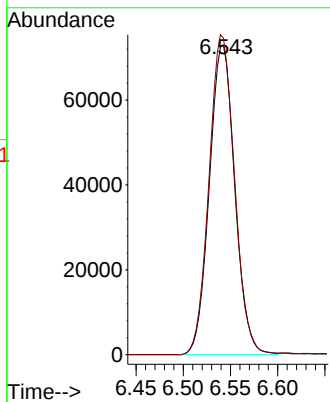
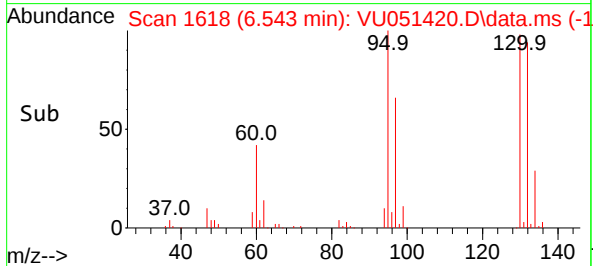
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



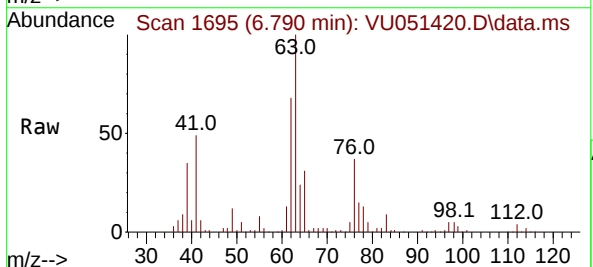
Tgt Ion:130 Resp: 136430
Ion Ratio Lower Upper
130 100
95 102.3 83.8 125.8

Manual Integrations
APPROVED

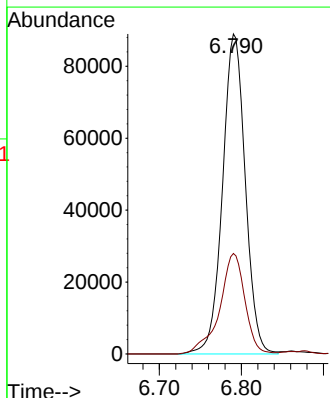
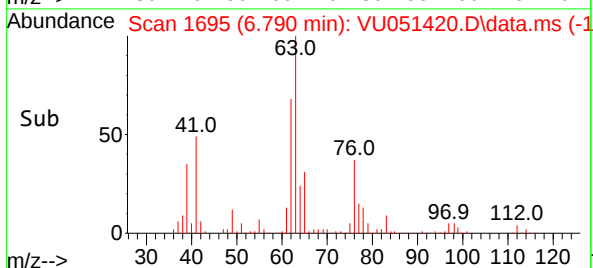
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022

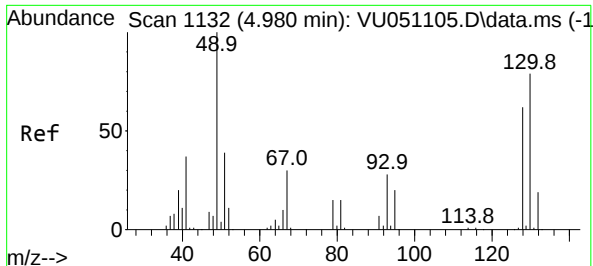


#38
1,2-Dichloropropane
Concen: 10.960 ug/l
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50



Tgt Ion: 63 Resp: 171844
Ion Ratio Lower Upper
63 100
65 31.4 25.0 37.4





#39

Methacrylonitrile

Concen: 12.868 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VU051420.D

Acq: 14 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

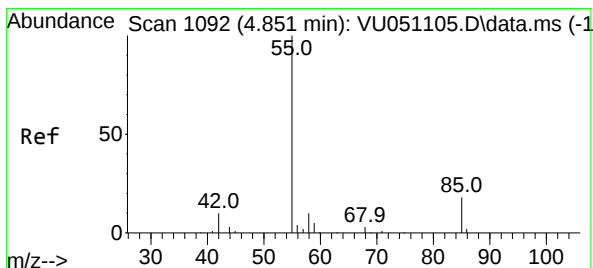
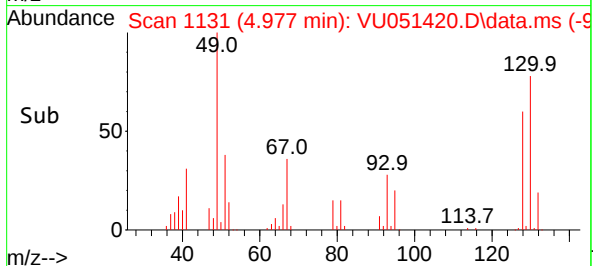
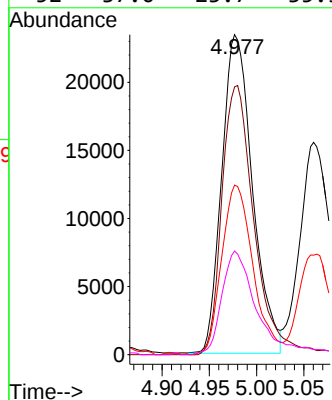
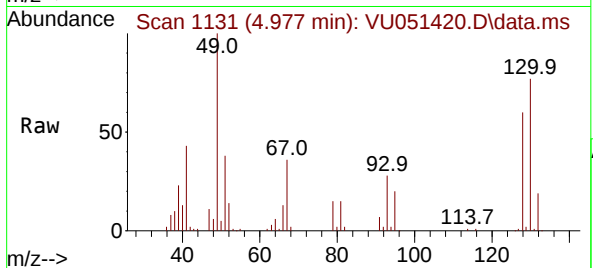
Tgt Ion: 41	Resp: 5301
Ion Ratio	Lower Upper
41 100	
67 88.1	59.4 89.0
39 54.2	42.2 63.2
52 37.0	23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/17/2022

Supervised By :Mahesh Dadoda 10/18/2022



#40

Methyl acrylate

Concen: 12.152 ug/l

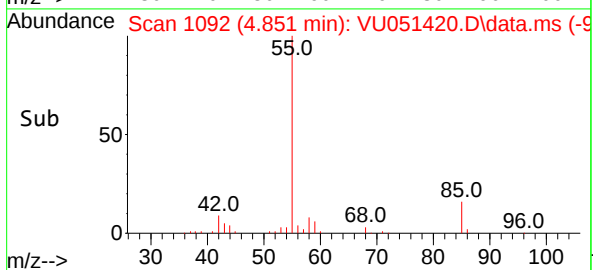
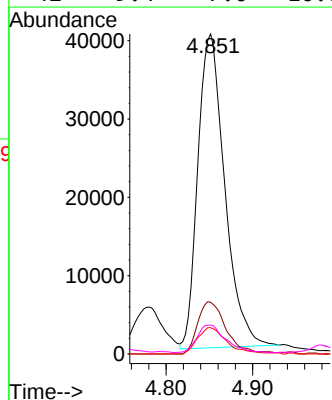
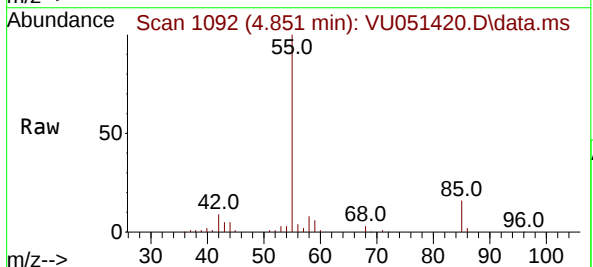
RT: 4.851 min Scan# 1092

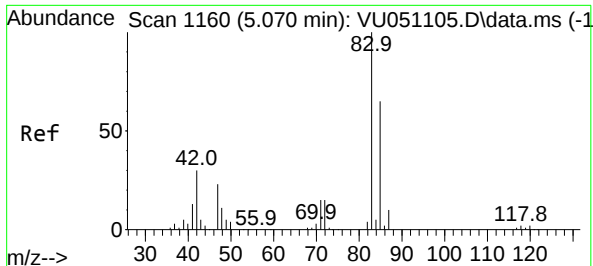
Delta R.T. 0.000 min

Lab File: VU051420.D

Acq: 14 Oct 2022 11:50

Tgt Ion: 55	Resp: 86544
Ion Ratio	Lower Upper
55 100	
85 17.2	13.5 20.3
58 9.0	7.0 10.4
42 9.4	7.0 10.6





#41

Tetrahydrofuran

Concen: 25.844 ug/l

RT: 5.064 min Scan# 1158

Delta R.T. -0.006 min

Lab File: VU051420.D

Acq: 14 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

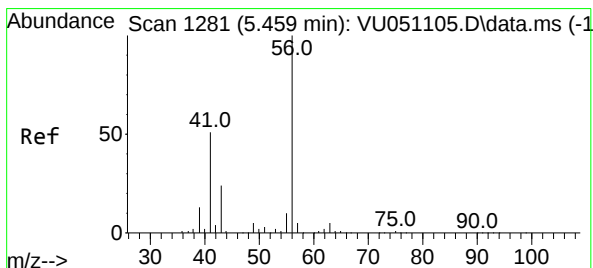
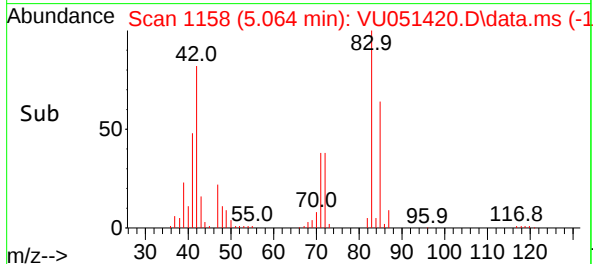
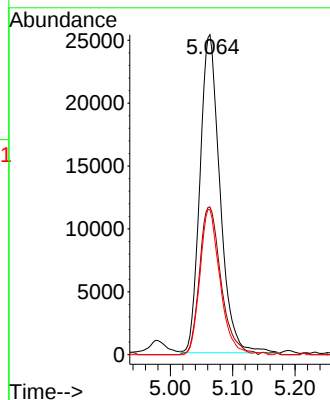
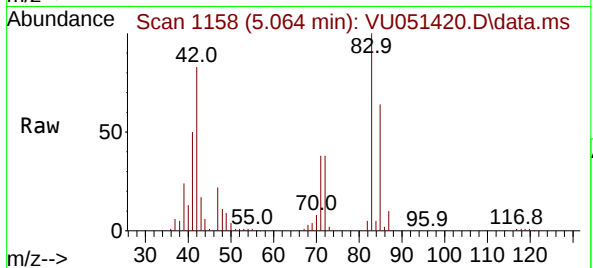
Tgt Ion:	42	Resp:	5640
Ion Ratio	Lower	Upper	
42	100		
72	50.1	38.9	58.3
71	45.6	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/17/2022

Supervised By :Mahesh Dadoda 10/18/2022



#42

1-Chlorobutane

Concen: 10.879 ug/l

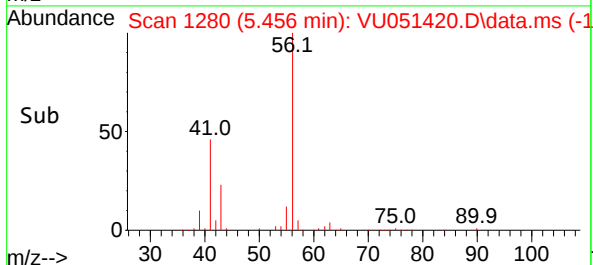
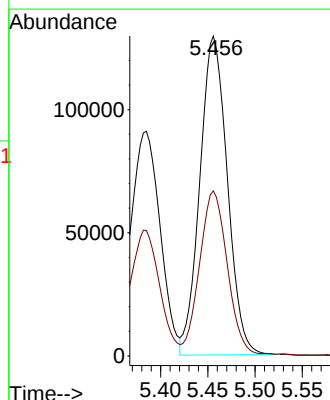
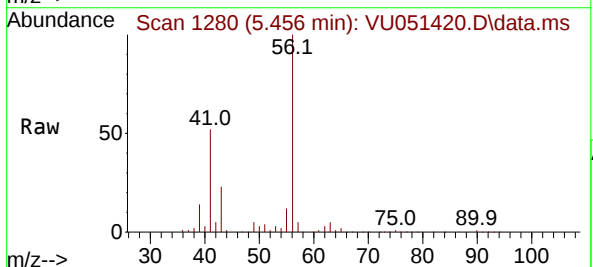
RT: 5.456 min Scan# 1280

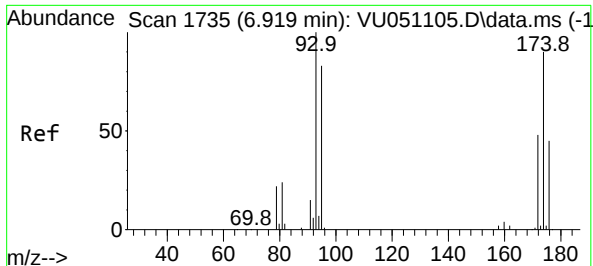
Delta R.T. -0.003 min

Lab File: VU051420.D

Acq: 14 Oct 2022 11:50

Tgt Ion:	56	Resp:	261794
Ion Ratio	Lower	Upper	
56	100		
41	51.2	26.4	79.2





#43

Dibromomethane

Concen: 11.065 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU051420.D

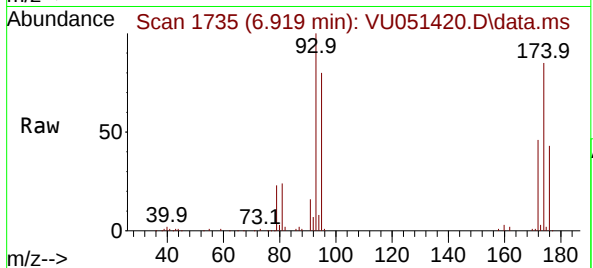
Acq: 14 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



Tgt Ion: 93 Resp: 93170

Ion Ratio Lower Upper

93 100

95 83.0 65.0 97.6

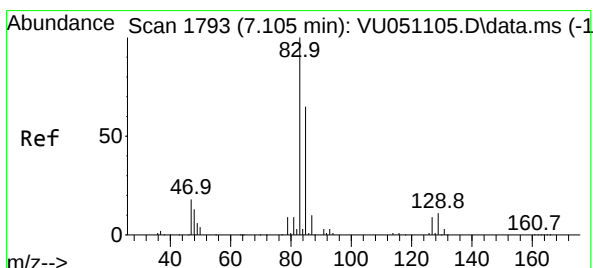
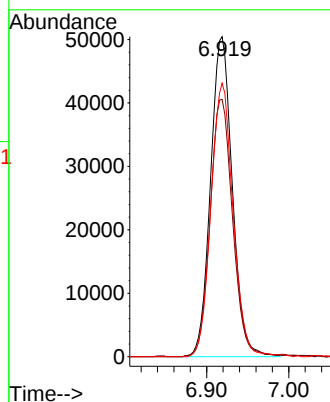
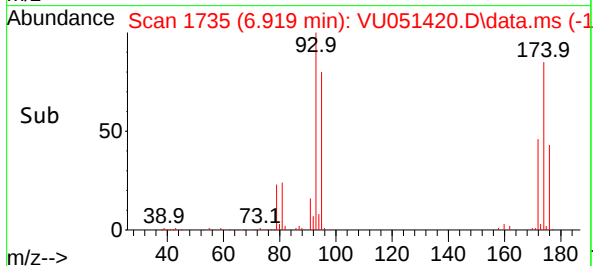
174 86.8 76.3 114.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/17/2022

Supervised By :Mahesh Dadoda 10/18/2022



#44

Bromodichloromethane

Concen: 10.341 ug/l

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051420.D

Acq: 14 Oct 2022 11:50

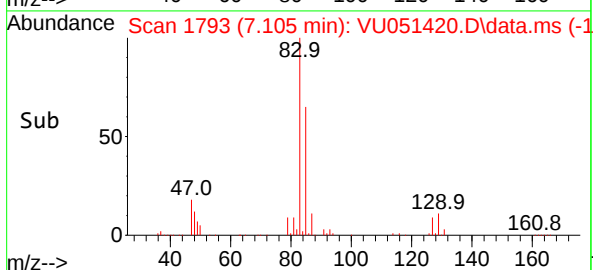
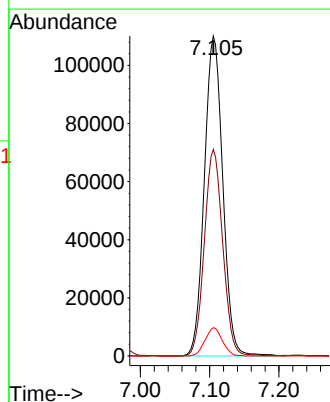
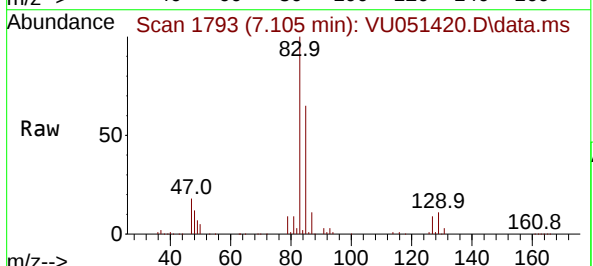
Tgt Ion: 83 Resp: 203247

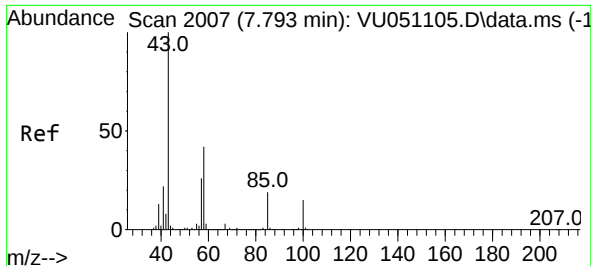
Ion Ratio Lower Upper

83 100

85 64.5 49.4 74.0

127 8.8 6.6 10.0





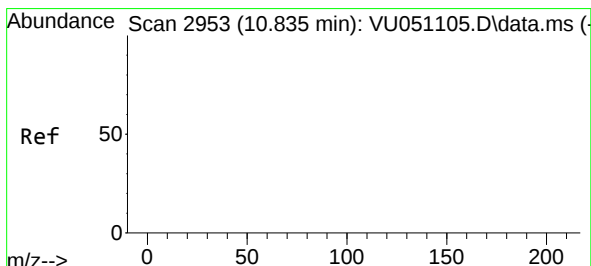
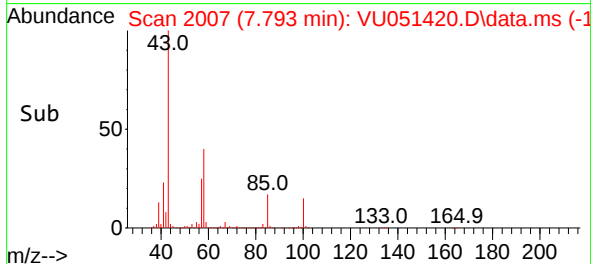
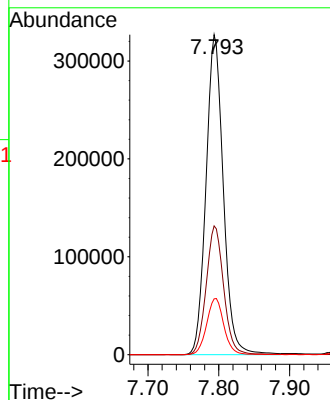
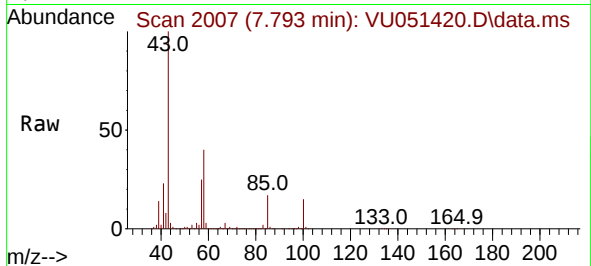
#45
4-Methyl-2-Pentanone
Concen: 62.602 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 55400
Ion Ratio Lower Upper
43 100
58 40.6 20.3 61.0
85 17.5 14.6 21.8

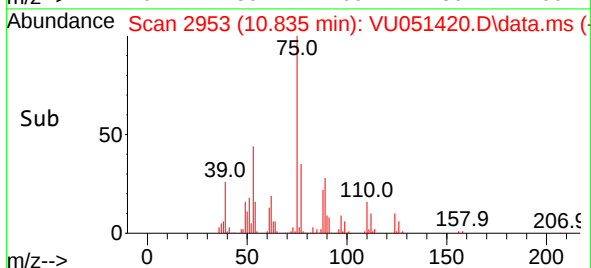
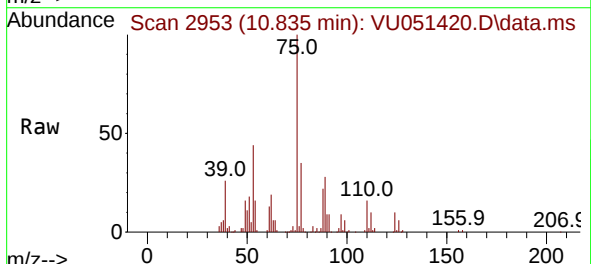
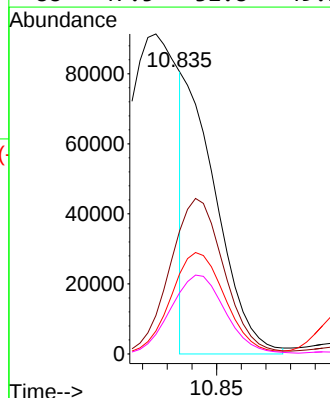
Manual Integrations
APPROVED

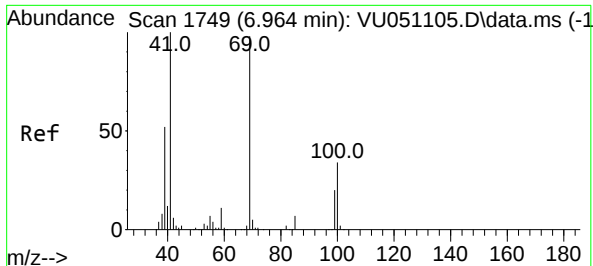
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022



#46
t-1,4-Dichloro-2-butene
Concen: 25.224 ug/l m
RT: 10.835 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

Tgt Ion: 75 Resp: 73634
Ion Ratio Lower Upper
75 100
53 92.8 64.4 96.6
89 60.8 44.2 66.2
88 47.5 32.8 49.2





#47

Methyl methacrylate

Concen: 26.026 ug/l

RT: 6.961 min Scan# 1749

Delta R.T. -0.003 min

Lab File: VU051420.D

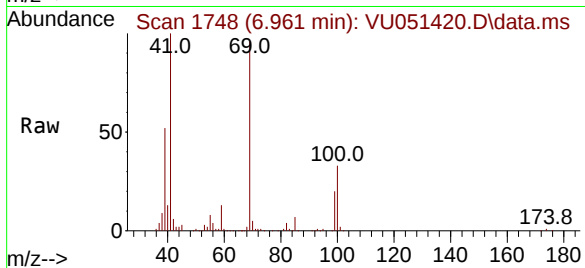
Acq: 14 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



Tgt Ion: 69 Resp: 175320

Ion Ratio Lower Upper

69 100

41 101.5 0.0 225.4

39 51.9 45.8 68.8

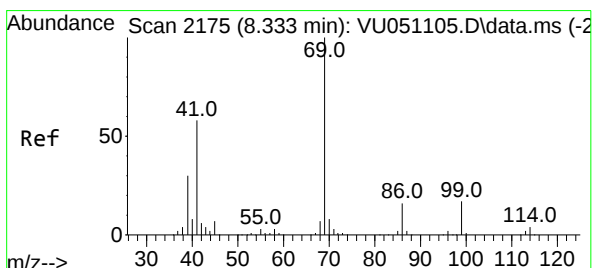
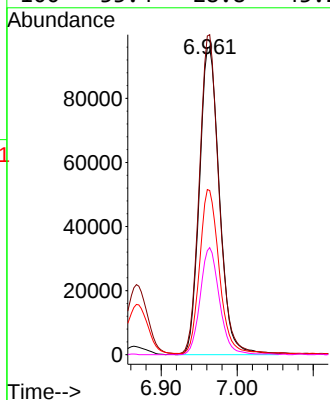
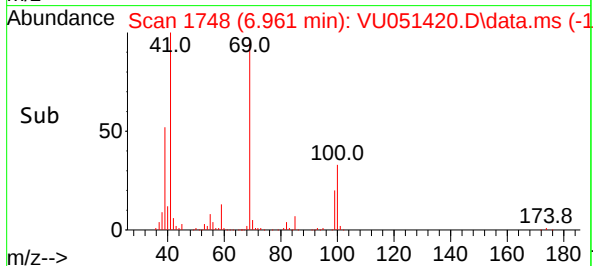
100 33.4 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/17/2022

Supervised By :Mahesh Dadoda 10/18/2022



#48

Ethyl methacrylate

Concen: 11.600 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. 0.000 min

Lab File: VU051420.D

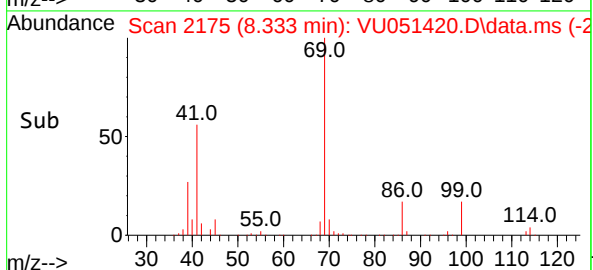
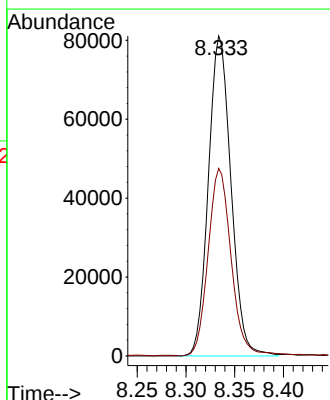
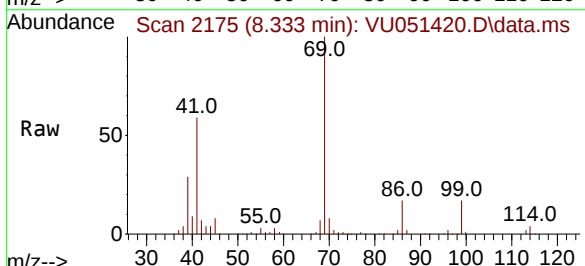
Acq: 14 Oct 2022 11:50

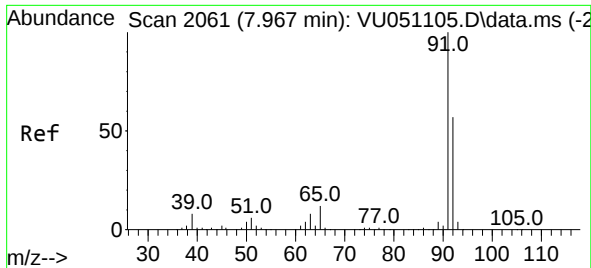
Tgt Ion: 69 Resp: 131018

Ion Ratio Lower Upper

69 100

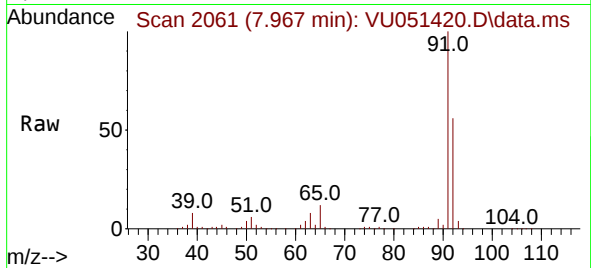
41 59.9 32.3 96.9





#49
Toluene
Concen: 10.960 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

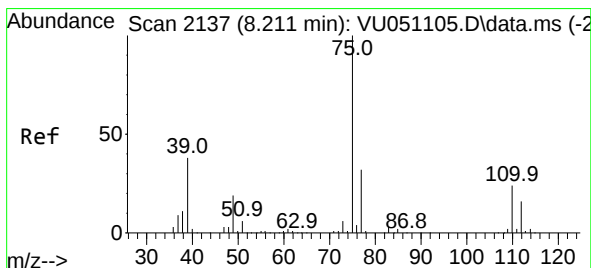
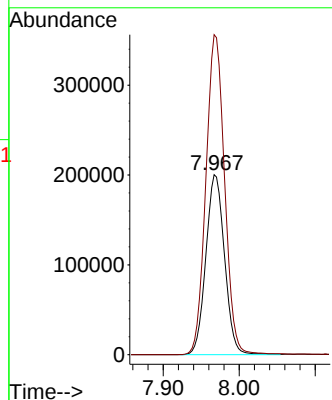
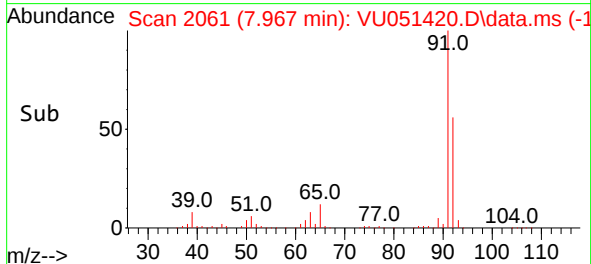
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



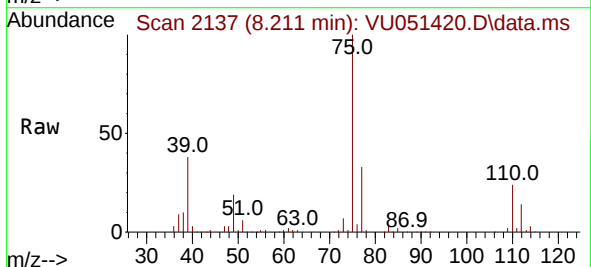
Tgt Ion: 92 Resp: 34181
Ion Ratio Lower Upper
92 100
91 178.1 138.6 207.8

Manual Integrations
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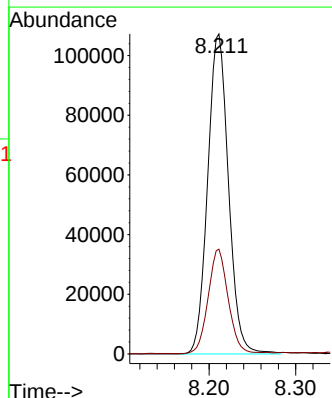
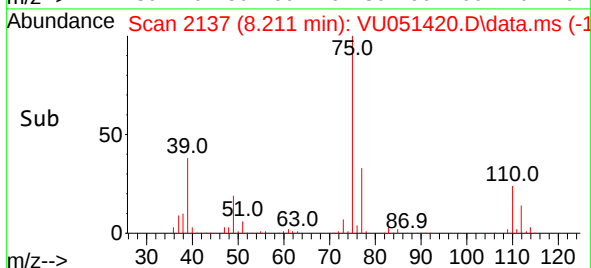
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022

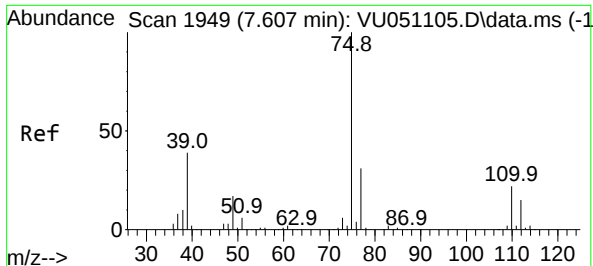


#50
t-1,3-Dichloropropene
Concen: 11.323 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50



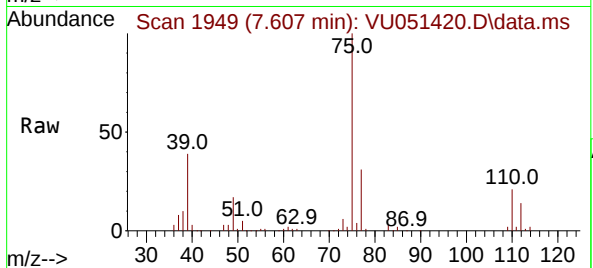
Tgt Ion: 75 Resp: 178941
Ion Ratio Lower Upper
75 100
77 32.6 24.7 37.1





#51
cis-1,3-Dichloropropene
Concen: 10.619 ug/l
RT: 7.607 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

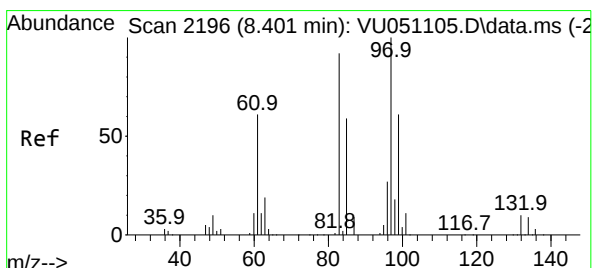
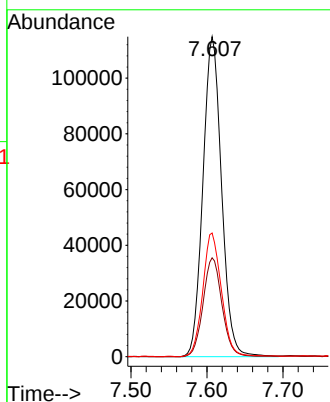
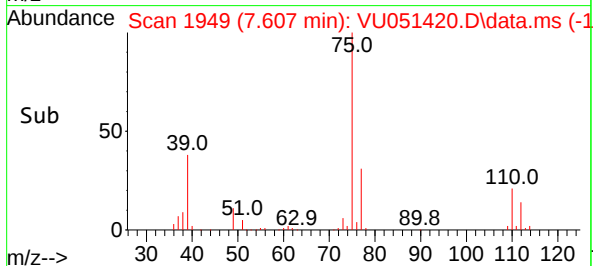
Instrument : MSVOA_U
ClientSampleId : VSTDCCC010



Tgt Ion: 75 Resp: 19556
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0
39 38.6 35.1 52.7

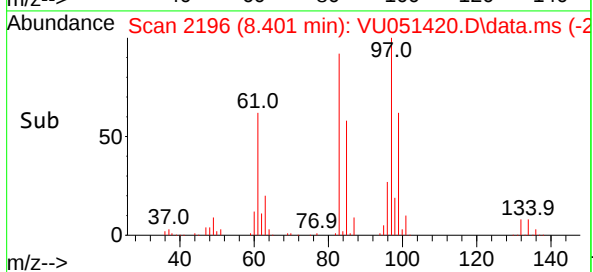
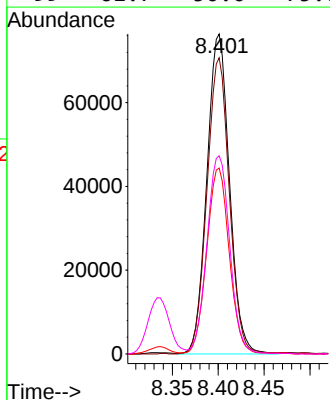
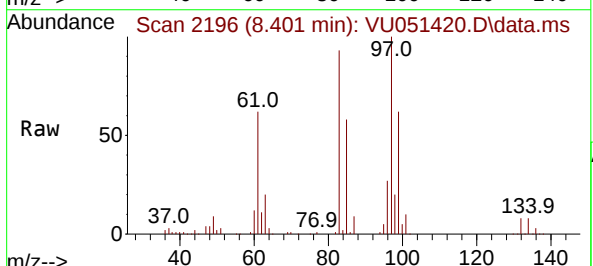
Manual Integrations
APPROVED

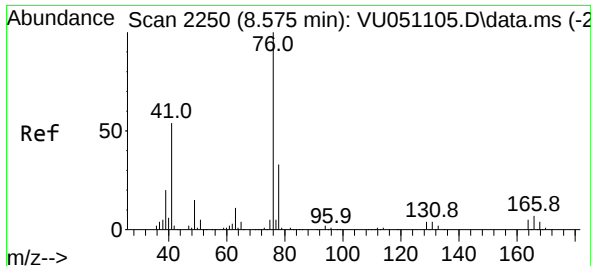
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022



#52
1,1,2-Trichloroethane
Concen: 10.733 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

Tgt Ion: 97 Resp: 131101
Ion Ratio Lower Upper
97 100
83 92.4 70.6 106.0
85 57.7 46.2 69.4
99 61.7 50.0 75.0





#53

1,3-Dichloropropane

Concen: 11.400 ug/l

RT: 8.575 min Scan# 2250

Delta R.T. 0.000 min

Lab File: VU051420.D

Acq: 14 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 221092

Ion Ratio Lower Upper

76 100

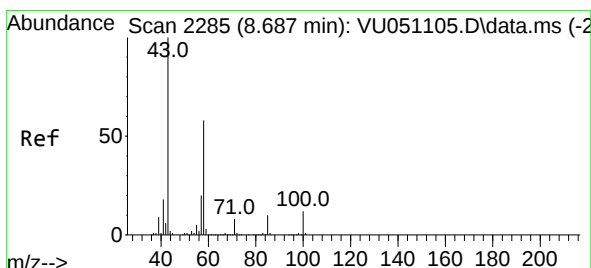
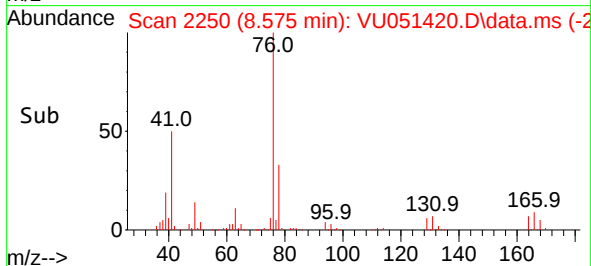
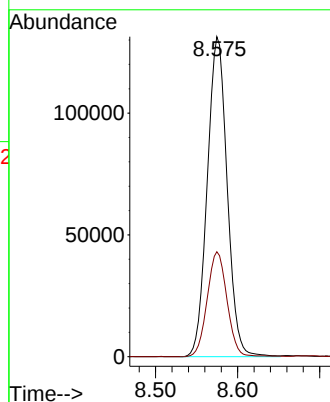
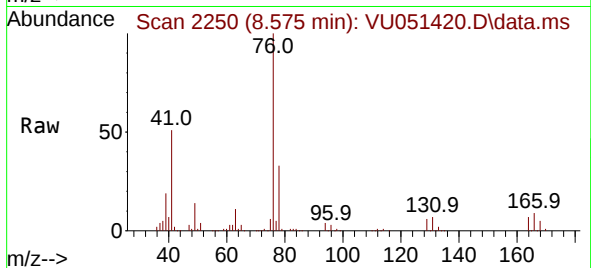
78 32.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/17/2022

Supervised By :Mahesh Dadoda 10/18/2022



#54

2-Hexanone

Concen: 61.881 ug/l

RT: 8.684 min Scan# 2284

Delta R.T. -0.003 min

Lab File: VU051420.D

Acq: 14 Oct 2022 11:50

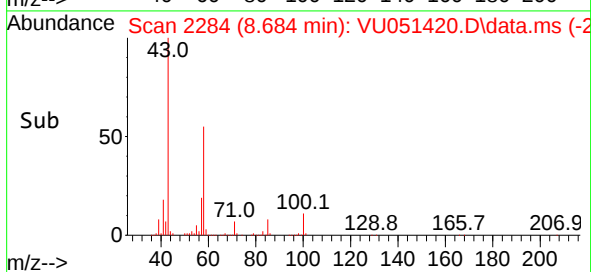
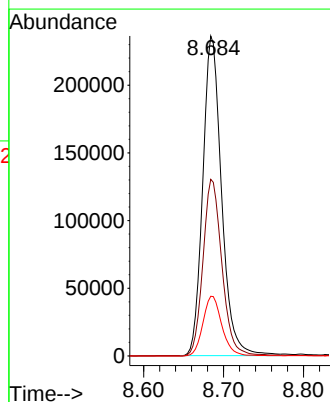
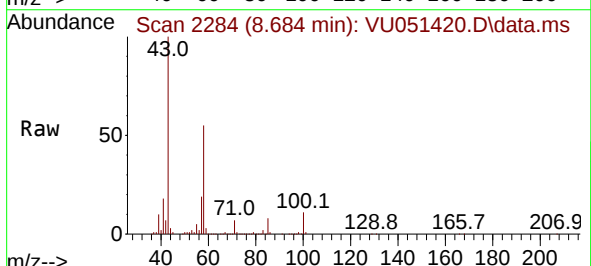
Tgt Ion: 43 Resp: 387572

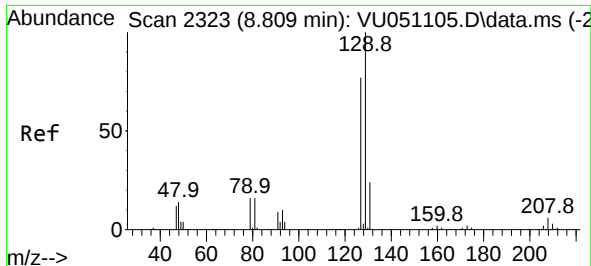
Ion Ratio Lower Upper

43 100

58 55.5 37.1 77.1

57 18.9 0.0 39.5





#55

Dibromochloromethane

Concen: 10.756 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VU051420.D

Acq: 14 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:129 Resp: 143149

Ion Ratio Lower Upper

129 100

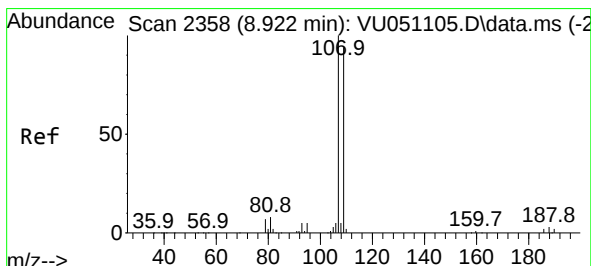
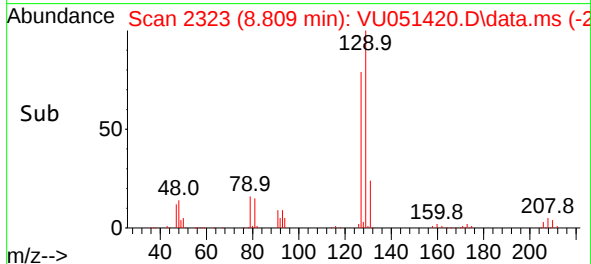
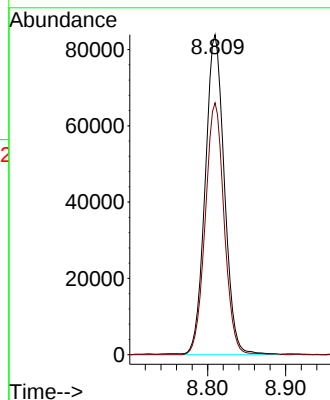
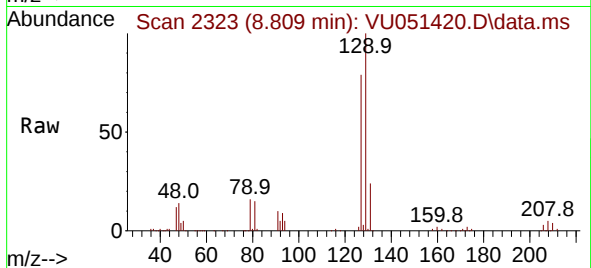
127 77.5 61.2 91.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/17/2022

Supervised By :Mahesh Dadoda 10/18/2022



#56

1,2-Dibromoethane

Concen: 10.956 ug/l

RT: 8.922 min Scan# 2358

Delta R.T. 0.000 min

Lab File: VU051420.D

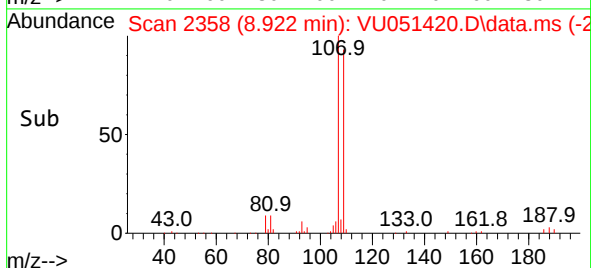
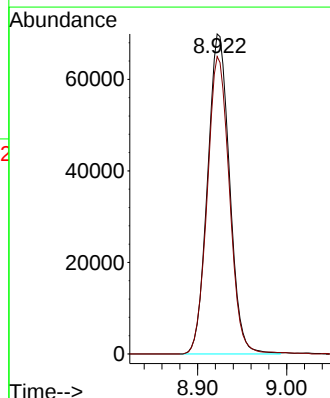
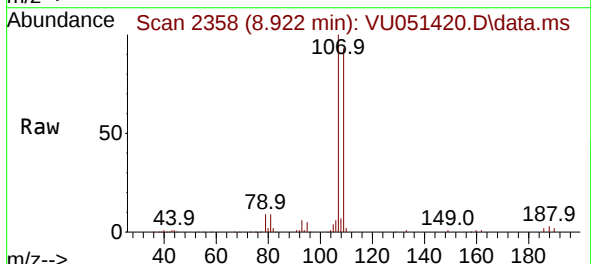
Acq: 14 Oct 2022 11:50

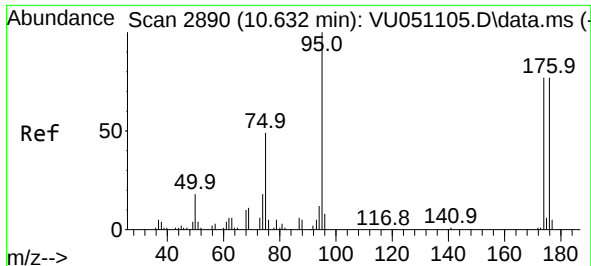
Tgt Ion:107 Resp: 119811

Ion Ratio Lower Upper

107 100

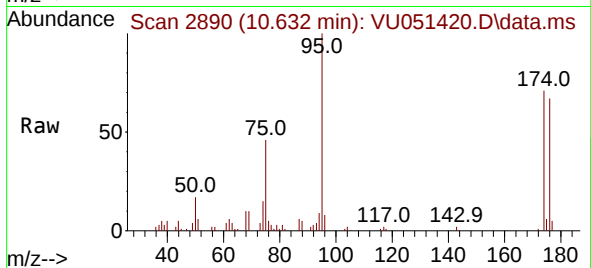
109 93.2 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 1.323 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

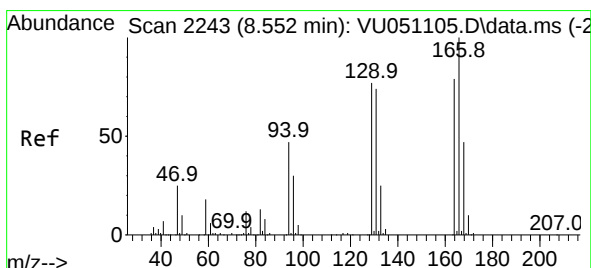
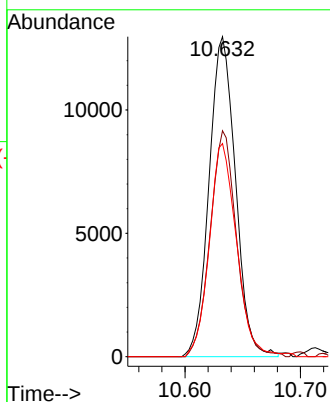
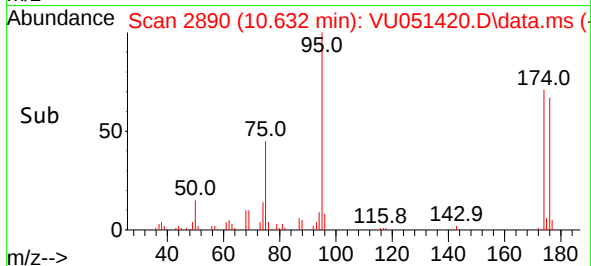
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



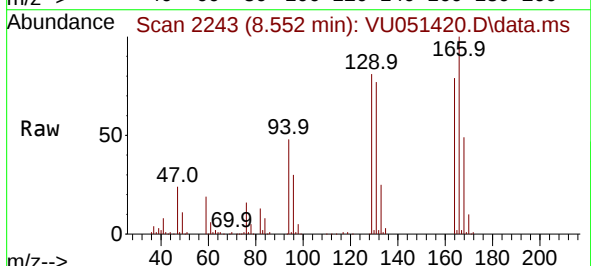
Tgt Ion: 95 Resp: 20644
Ion Ratio Lower Upper
95 100
174 70.8 62.4 93.6
176 68.5 56.2 84.2

Manual Integrations
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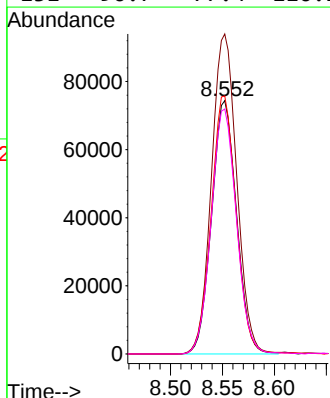
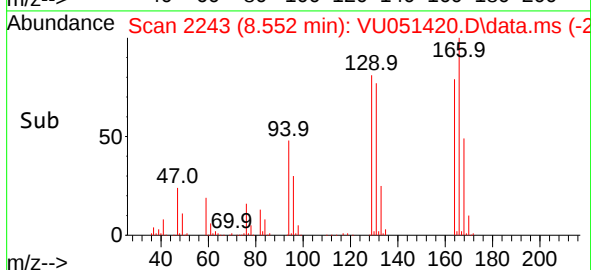
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022

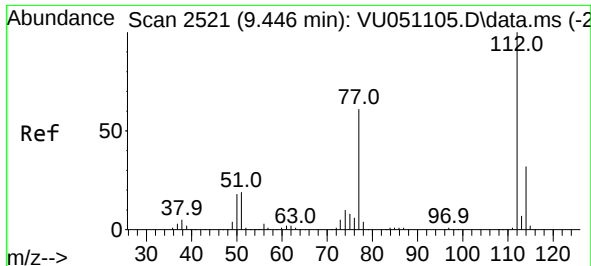


#58
Tetrachloroethene
Concen: 8.764 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50



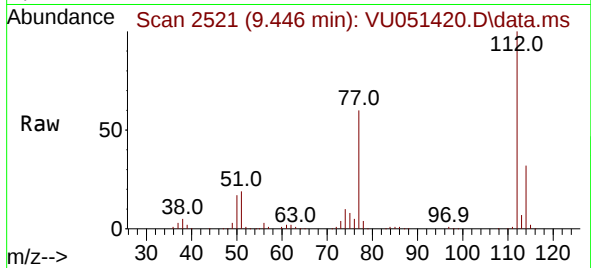
Tgt Ion:164 Resp: 123864
Ion Ratio Lower Upper
164 100
166 126.3 102.4 153.6
129 101.9 79.5 119.3
131 96.7 77.4 116.2





#59
Chlorobenzene
Concen: 10.151 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

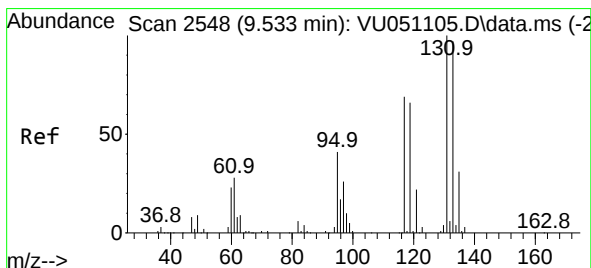
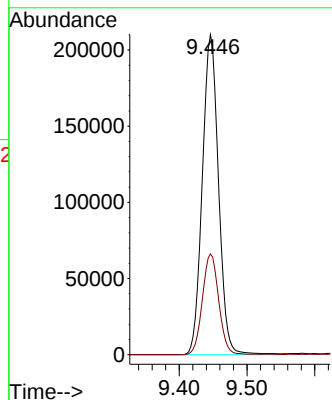
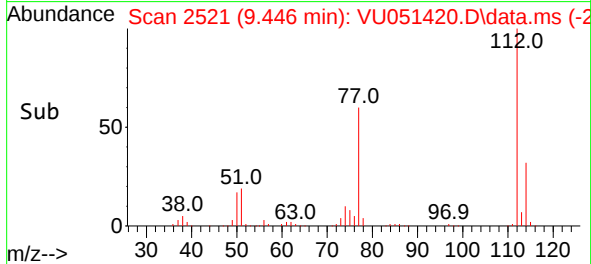
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



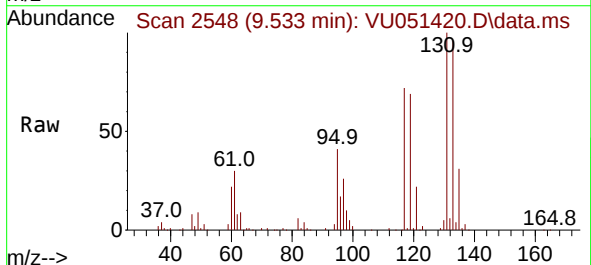
Tgt Ion:112 Resp: 34910
Ion Ratio Lower Upper
112 100
114 31.5 24.9 37.3

Manual Integrations
APPROVED

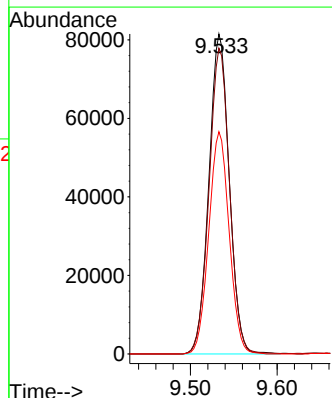
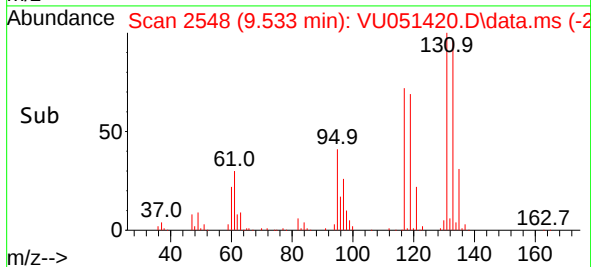
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022

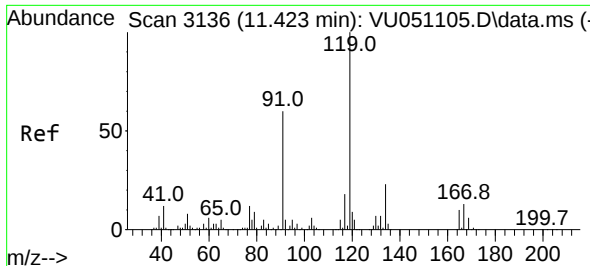


#60
1,1,1,2-Tetrachloroethane
Concen: 9.849 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50



Tgt Ion:131 Resp: 132869
Ion Ratio Lower Upper
131 100
133 96.9 78.3 117.5
119 69.7 53.2 79.8





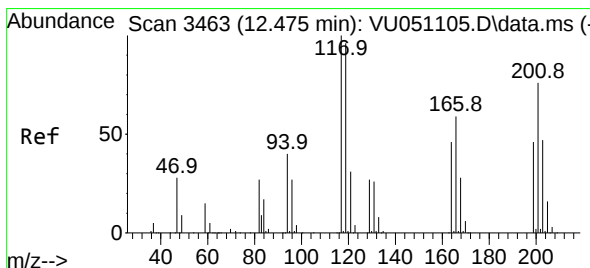
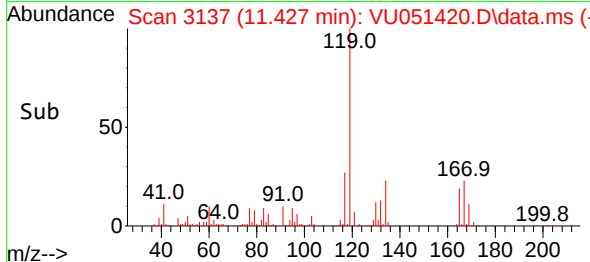
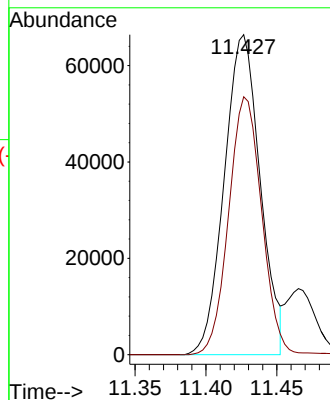
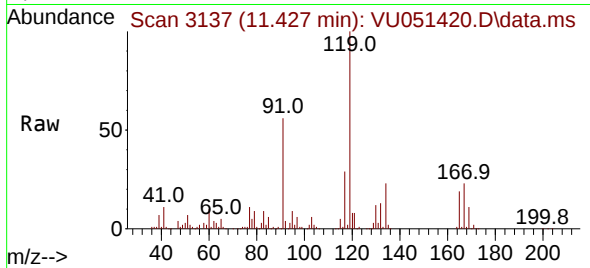
#61
Pentachloroethane
Concen: 12.560 ug/l
RT: 11.427 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 117259
Ion Ratio Lower Upper
117 100
167 74.4 66.2 99.4

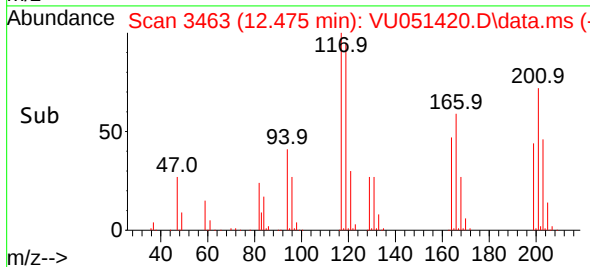
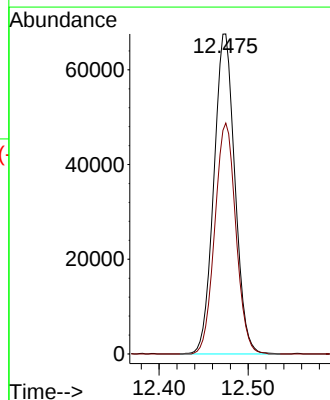
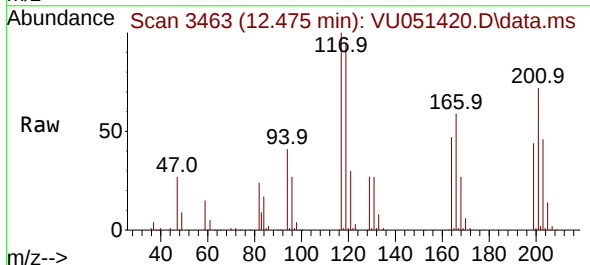
Manual Integrations
APPROVED

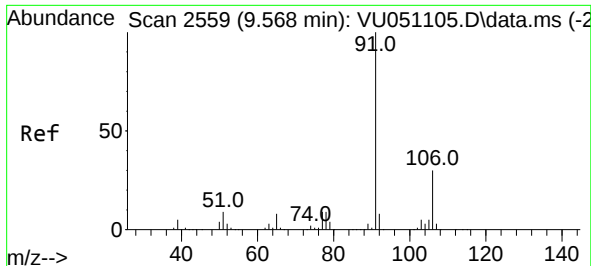
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022



#62
Hexachloroethane
Concen: 10.311 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

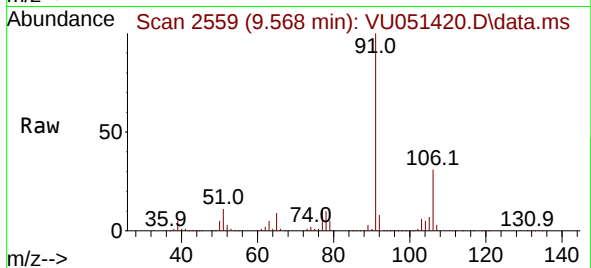
Tgt Ion:117 Resp: 111085
Ion Ratio Lower Upper
117 100
201 72.2 61.0 91.4





#63
Ethyl Benzene
Concen: 10.494 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

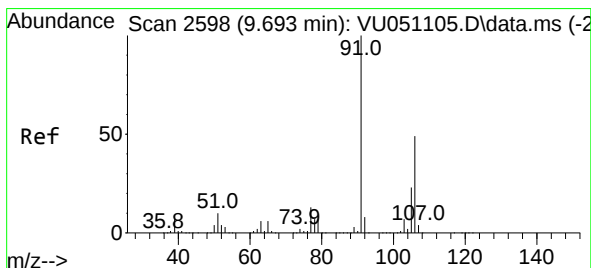
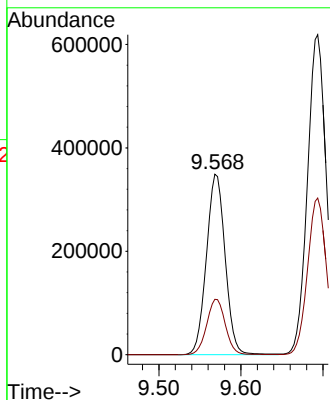
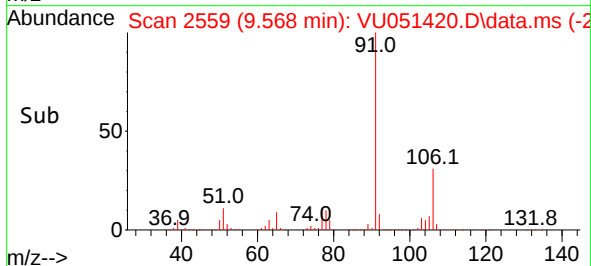
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



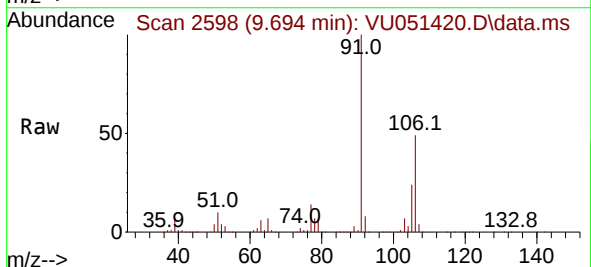
Tgt Ion: 91 Resp: 55419
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6

Manual Integrations
APPROVED

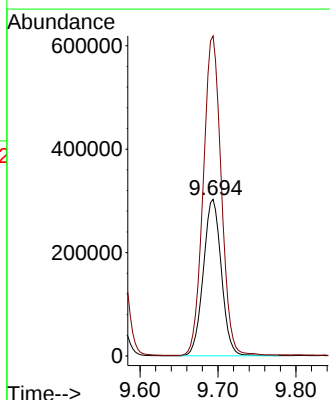
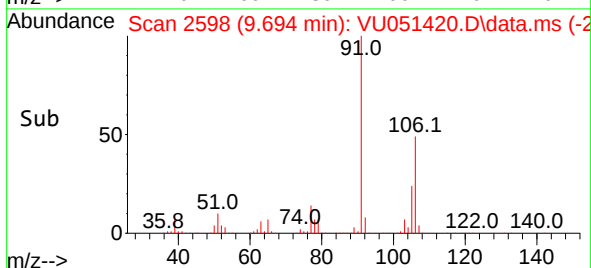
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022

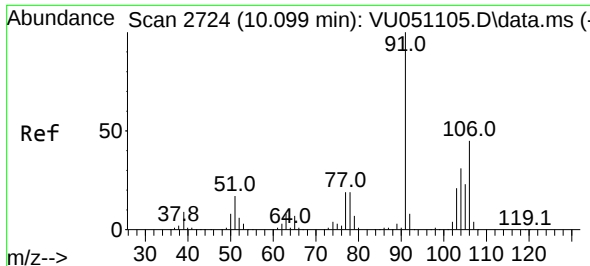


#64
m/p-Xylenes
Concen: 19.201 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.001 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50



Tgt Ion:106 Resp: 487099
Ion Ratio Lower Upper
106 100
91 204.1 167.8 251.6





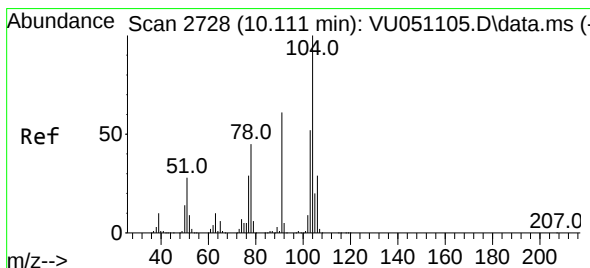
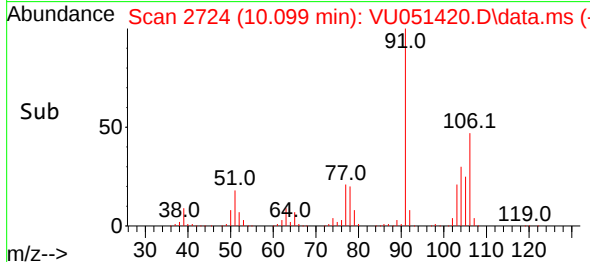
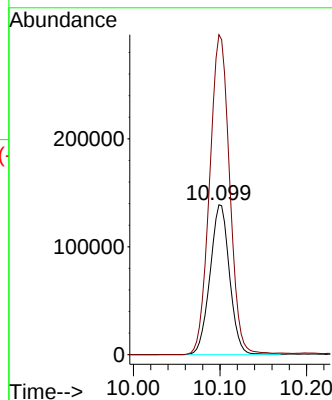
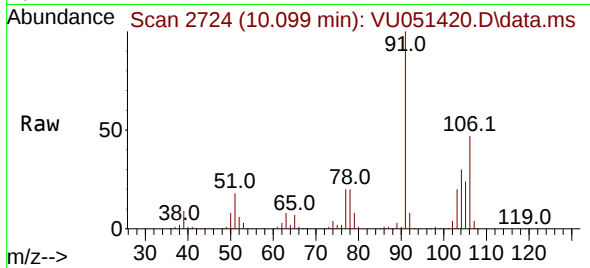
#65
o-Xylene
Concen: 10.758 ug/l
RT: 10.099 min Scan# 21775
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 21775
Ion Ratio Lower Upper
106 100
91 218.7 111.1 333.2

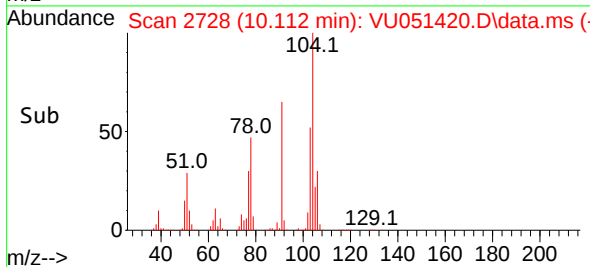
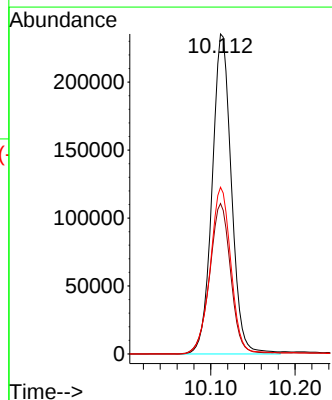
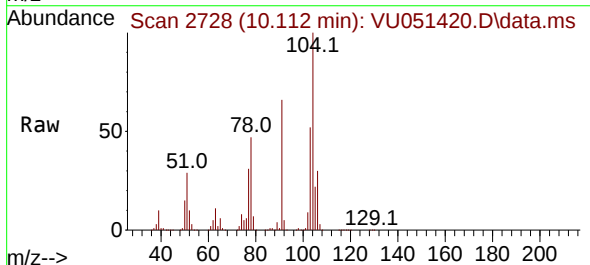
Manual Integrations
APPROVED

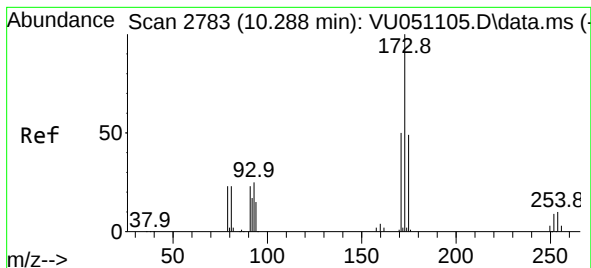
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022



#66
Styrene
Concen: 9.125 ug/l
RT: 10.112 min Scan# 2728
Delta R.T. 0.001 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

Tgt Ion:104 Resp: 374673
Ion Ratio Lower Upper
104 100
78 51.2 42.1 63.1
103 56.2 44.5 66.7





#67

Bromoform

Concen: 10.904 ug/l

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU051420.D

Acq: 14 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

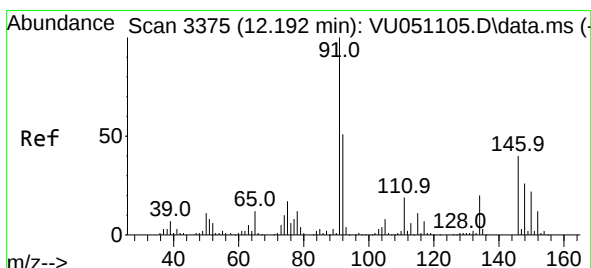
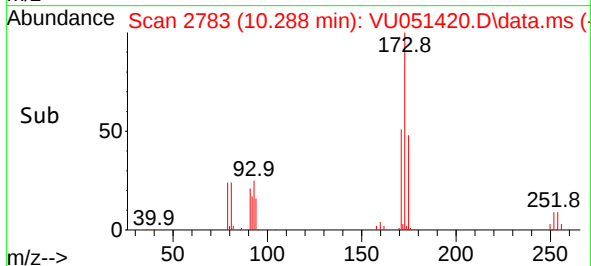
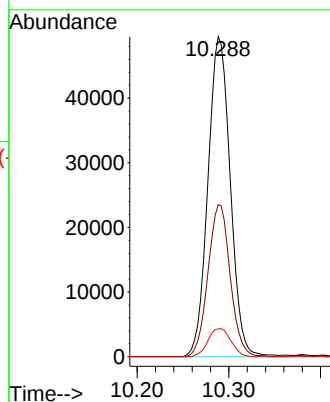
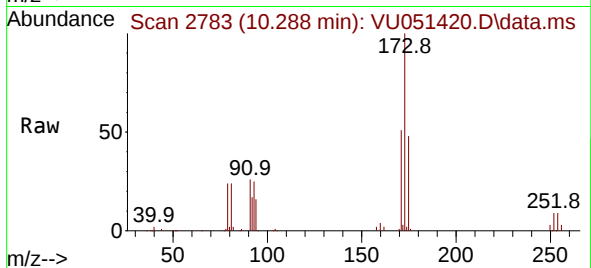
Tgt Ion:173	Resp:	8376
Ion Ratio	Lower	Upper
173	100	
175	47.1	38.4 57.6
254	9.0	7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/17/2022

Supervised By :Mahesh Dadoda 10/18/2022



#68

1,2-Dichlorobenzene-d4

Concen: 1.028 ug/l

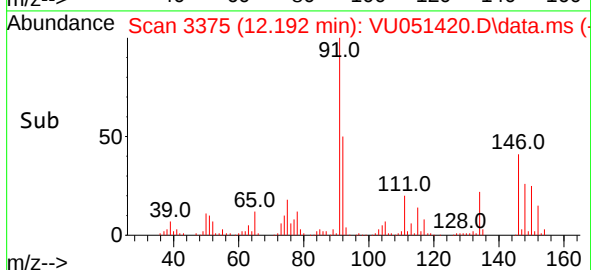
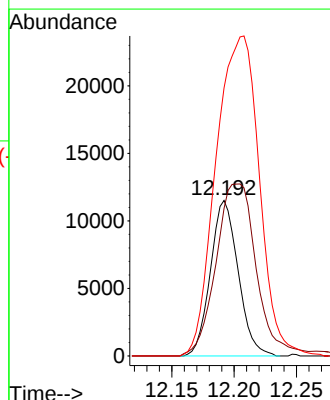
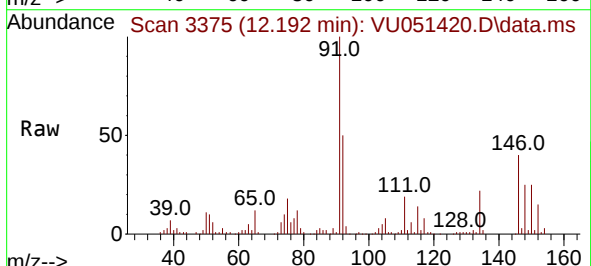
RT: 12.192 min Scan# 3375

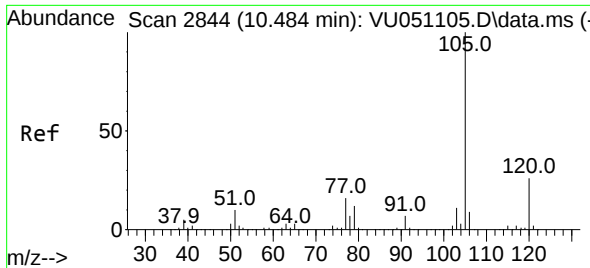
Delta R.T. 0.000 min

Lab File: VU051420.D

Acq: 14 Oct 2022 11:50

Tgt Ion:152	Resp:	17845
Ion Ratio	Lower	Upper
152	100	
115	160.7	0.0 254.6
150	320.9	0.0 623.6





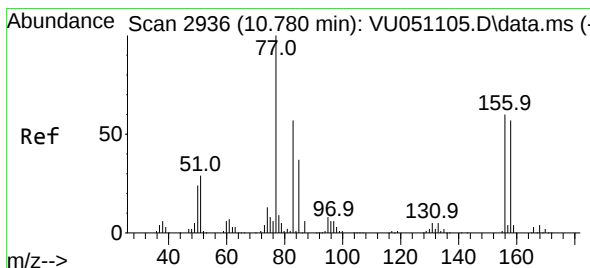
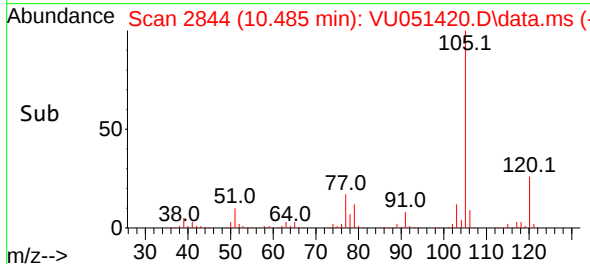
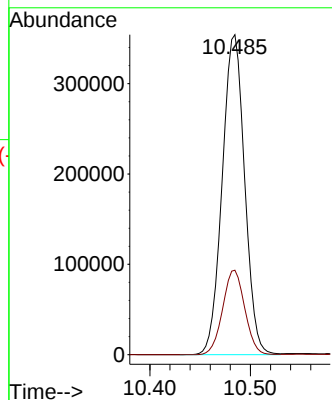
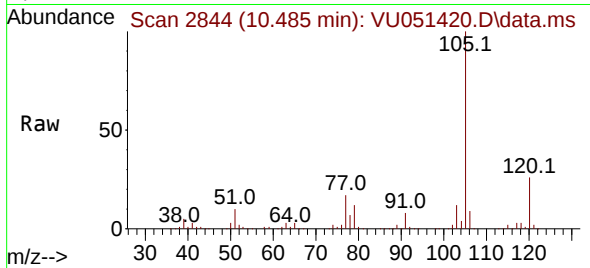
#69
Isopropylbenzene
Concen: 9.034 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.001 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 54904
Ion Ratio Lower Upper
105 100
120 26.0 12.6 37.8

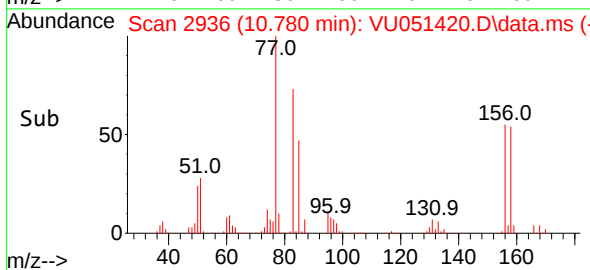
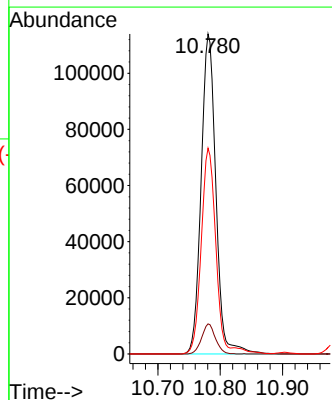
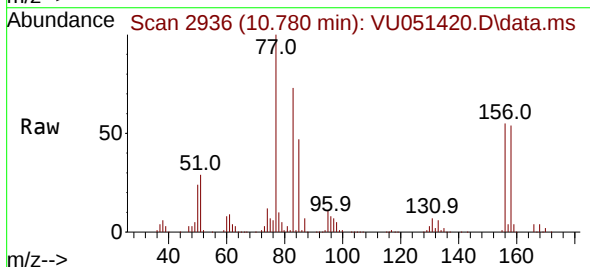
Manual Integrations
APPROVED

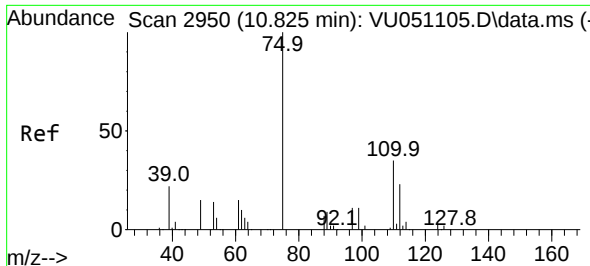
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 12.024 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

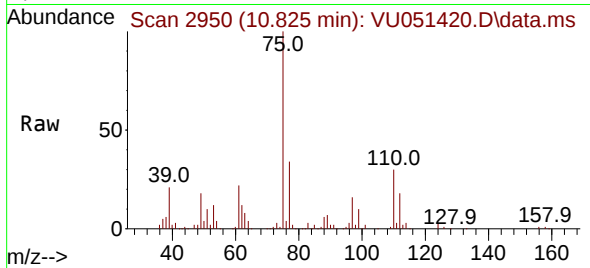
Tgt Ion: 83 Resp: 187537
Ion Ratio Lower Upper
83 100
131 8.8 7.7 11.5
85 62.5 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 10.351 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

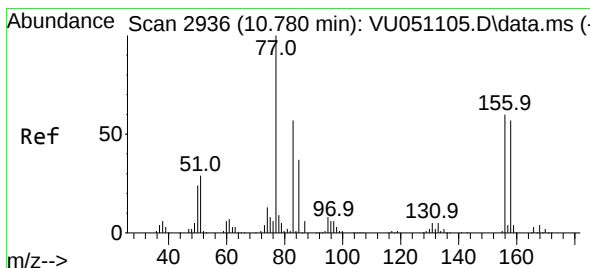
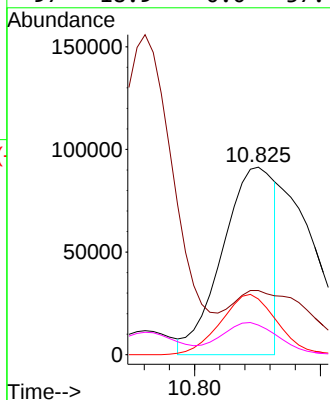
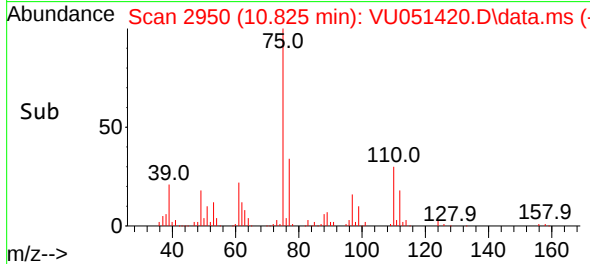
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



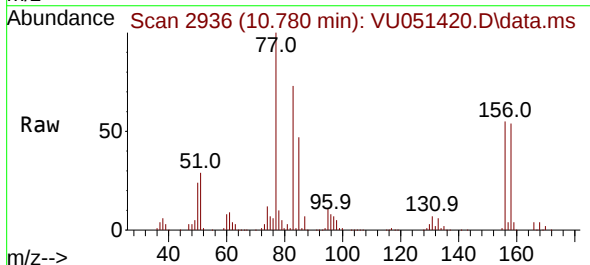
Tgt Ion: 75 Resp: 13104
Ion Ratio Lower Upper
75 100
77 53.1 0.0 112.4
110 35.0 0.0 70.6
97 18.9 0.0 37.4

Manual Integrations
APPROVED

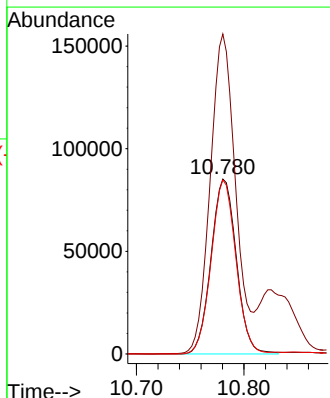
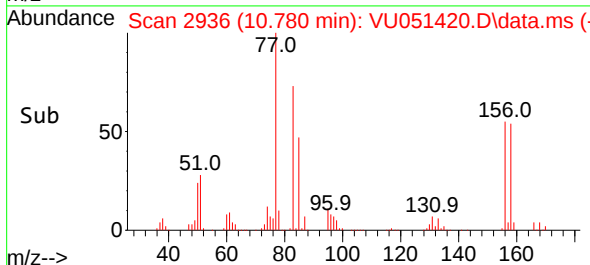
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022

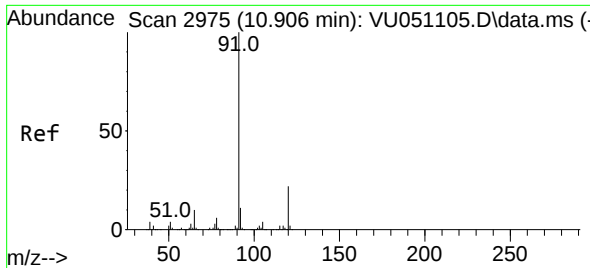


#72
Bromobenzene
Concen: 10.168 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50



Tgt Ion:156 Resp: 139367
Ion Ratio Lower Upper
156 100
77 183.8 0.0 344.4
158 97.4 0.0 192.2





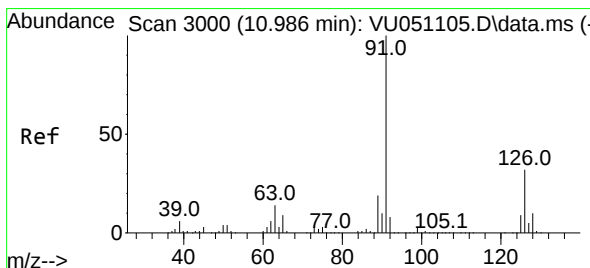
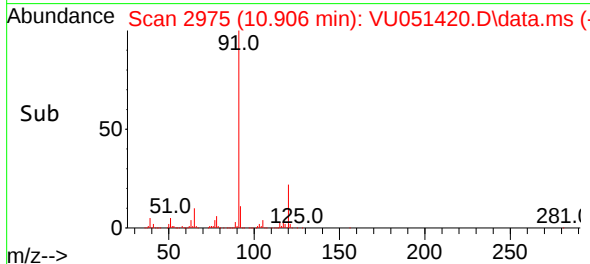
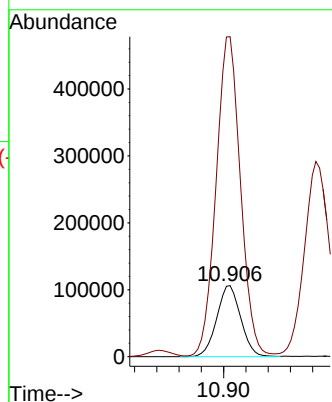
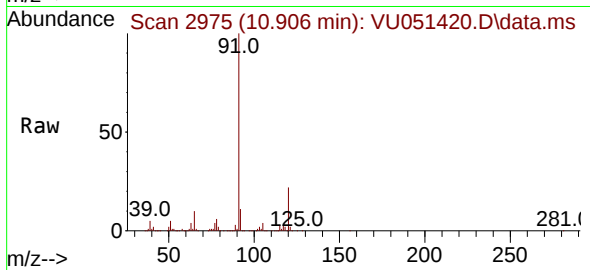
#73
n-propylbenzene
Concen: 9.347 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:120 Resp: 158709
Ion Ratio Lower Upper
120 100
91 456.5 367.8 551.6

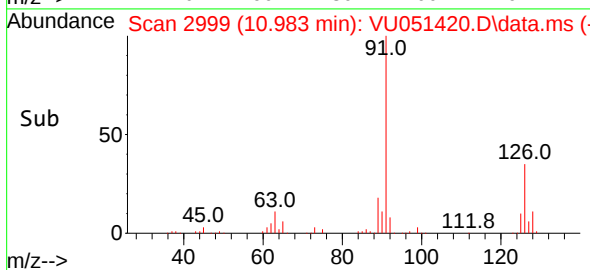
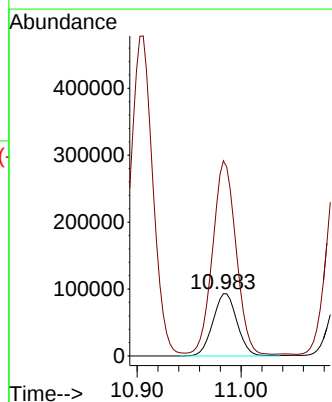
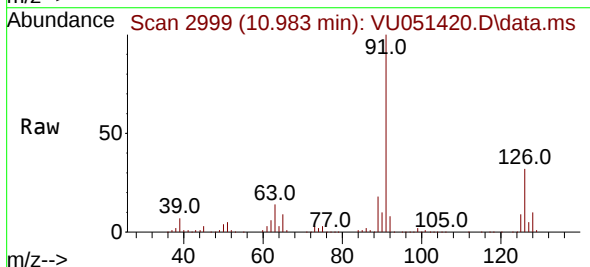
Manual Integrations
APPROVED

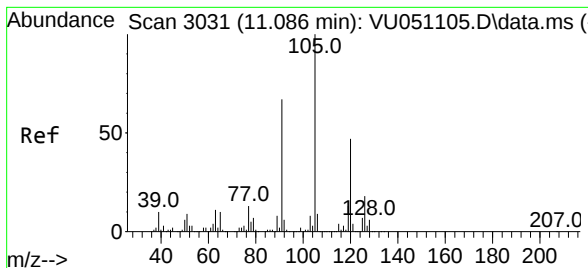
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022



#74
2-Chlorotoluene
Concen: 11.306 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.003 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

Tgt Ion:126 Resp: 150126
Ion Ratio Lower Upper
126 100
91 301.7 0.0 620.6





#75

1,3,5-Trimethylbenzene

Concen: 9.471 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU051420.D

Acq: 14 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 52394

Ion Ratio Lower Upper

105 100

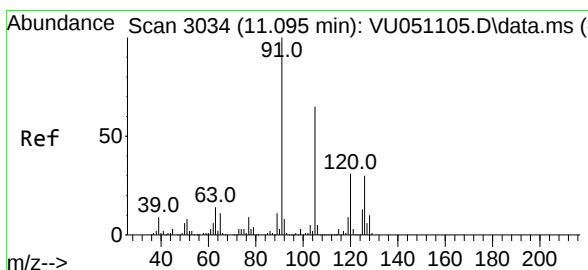
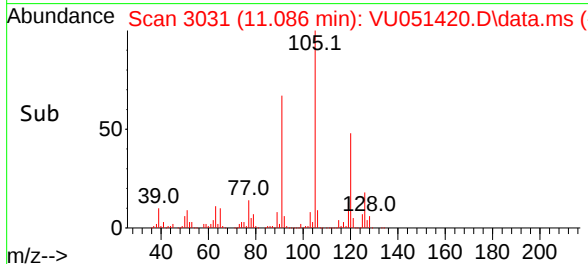
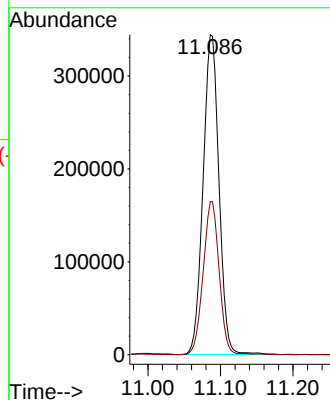
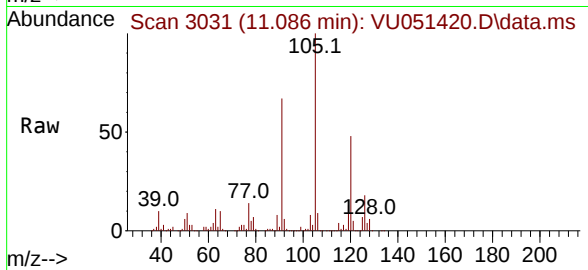
120 48.2 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/17/2022

Supervised By :Mahesh Dadoda 10/18/2022



#76

4-Chlorotoluene

Concen: 10.030 ug/l

RT: 11.095 min Scan# 3034

Delta R.T. 0.000 min

Lab File: VU051420.D

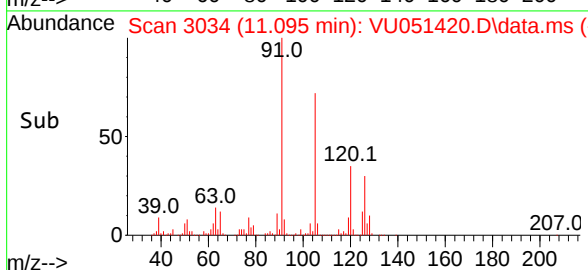
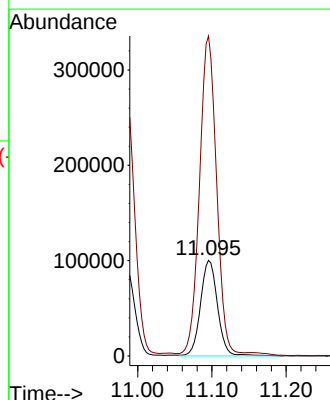
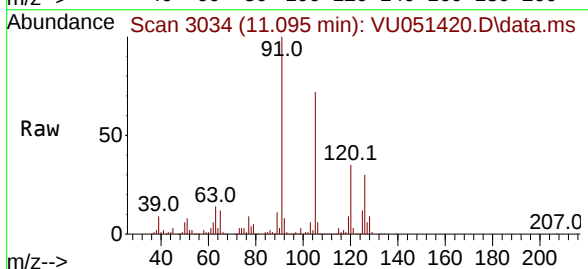
Acq: 14 Oct 2022 11:50

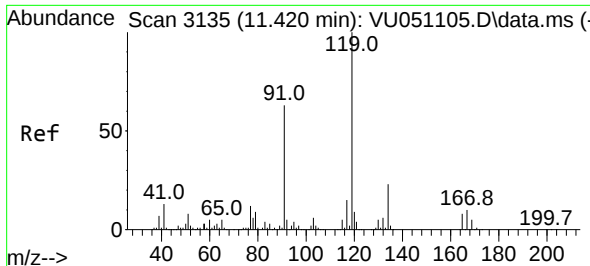
Tgt Ion:126 Resp: 159826

Ion Ratio Lower Upper

126 100

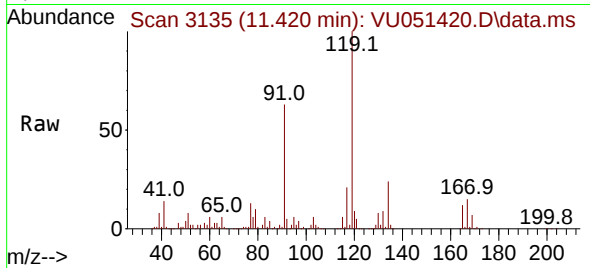
91 328.2 0.0 738.8





#77
tert-Butylbenzene
Concen: 11.154 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

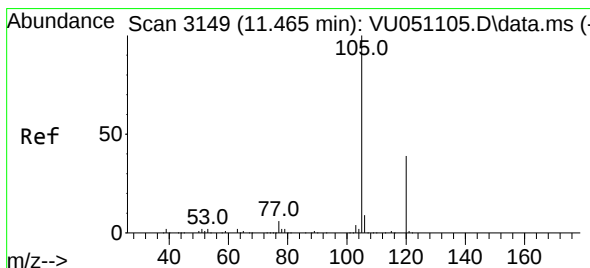
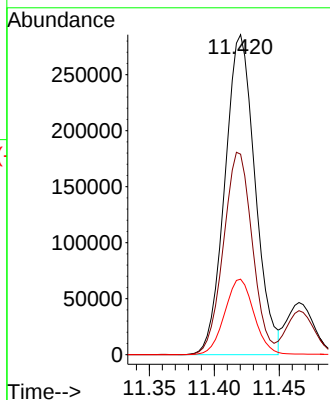
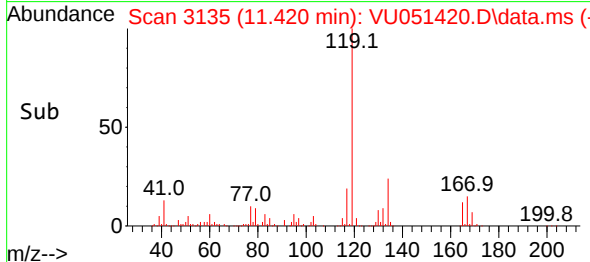
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:119 Resp: 462440
Ion Ratio Lower Upper
119 100
91 60.5 30.4 91.3
134 23.1 17.8 26.6

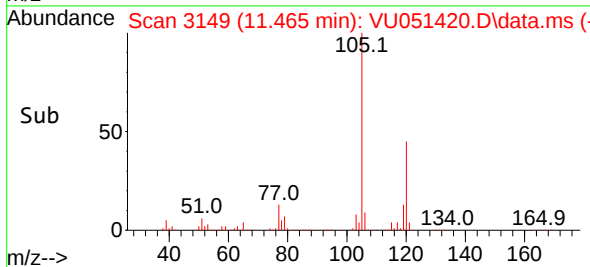
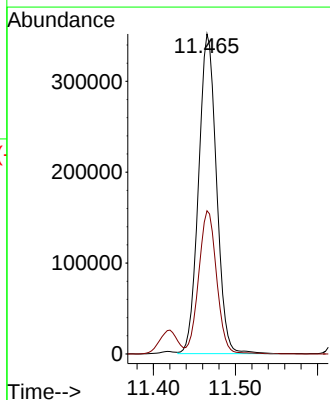
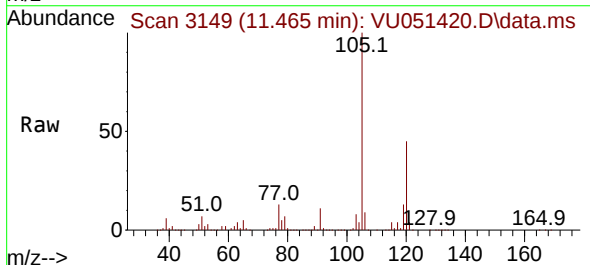
Manual Integrations
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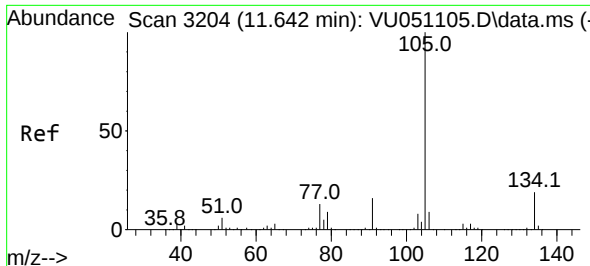
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022



#78
1,2,4-Trimethylbenzene
Concen: 9.290 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

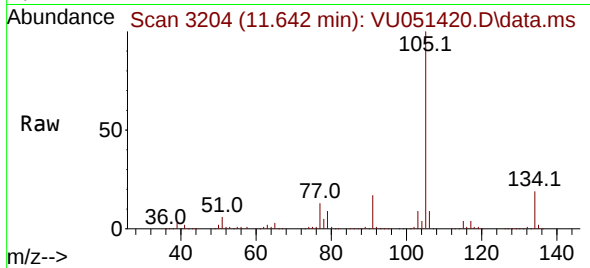
Tgt Ion:105 Resp: 534900
Ion Ratio Lower Upper
105 100
120 44.8 21.6 65.0





#79
 sec-Butylbenzene
 Concen: 9.406 ug/l
 RT: 11.642 min Scan# 3204
 Delta R.T. 0.000 min
 Lab File: VU051420.D
 Acq: 14 Oct 2022 11:50

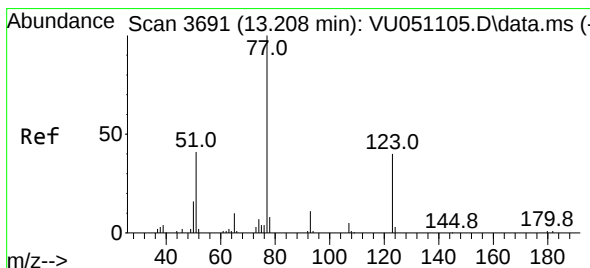
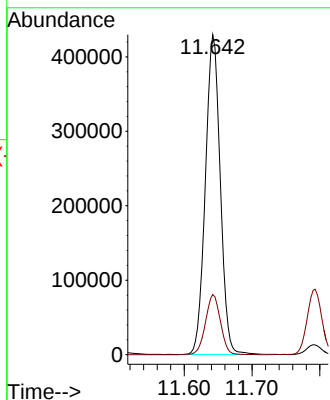
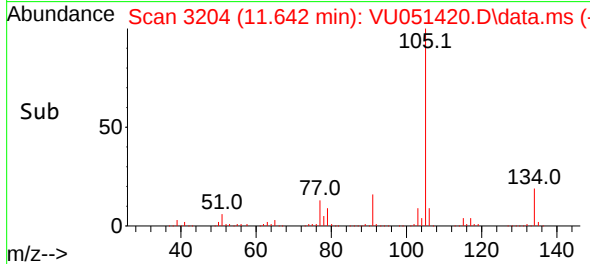
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 654198
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.4 23.0

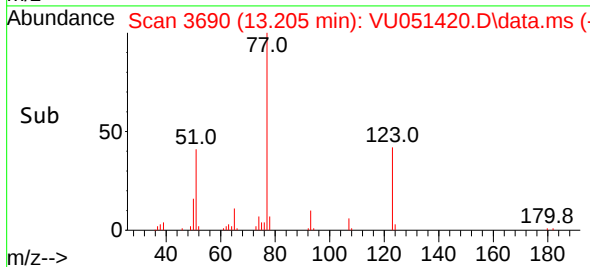
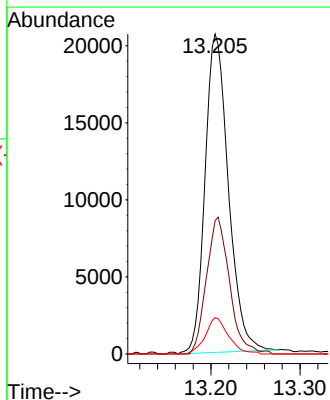
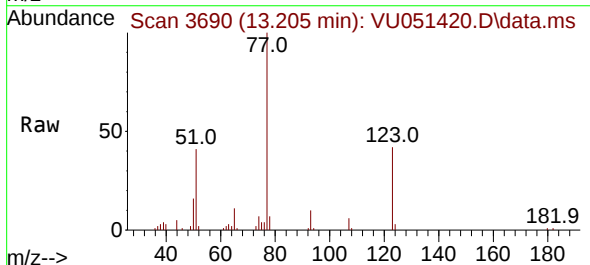
Manual Integrations
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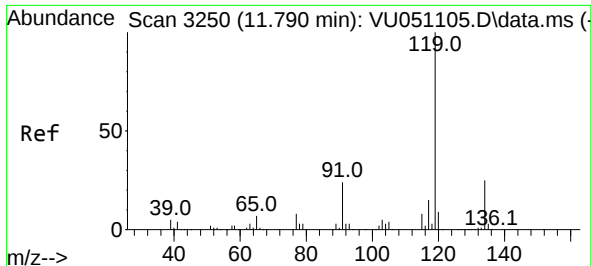
Reviewed By :Krupa Patel 10/17/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#80
 Nitrobenzene
 Concen: 52.736 ug/l
 RT: 13.205 min Scan# 3690
 Delta R.T. -0.003 min
 Lab File: VU051420.D
 Acq: 14 Oct 2022 11:50

Tgt Ion: 77 Resp: 37573
 Ion Ratio Lower Upper
 77 100
 123 41.2 18.1 64.3
 65 11.3 10.8 13.8





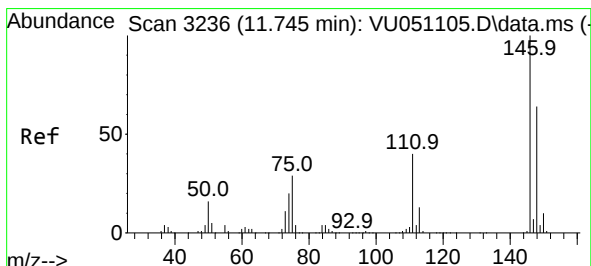
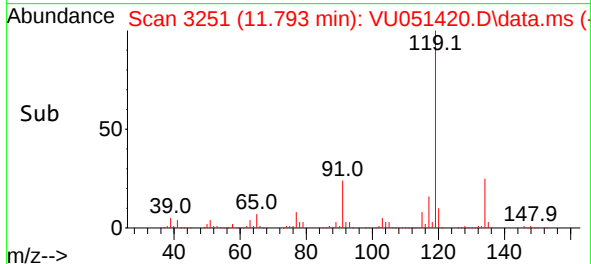
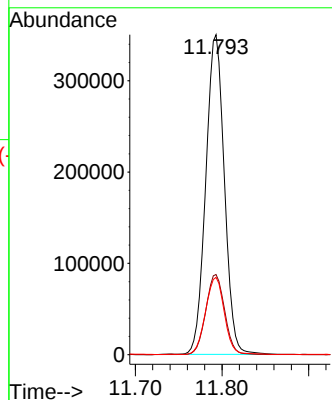
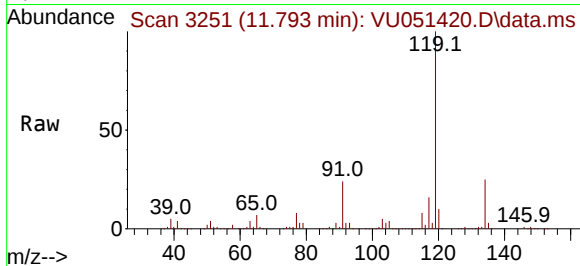
#81
p-Isopropyltoluene
Concen: 9.132 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 521779
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 24.4 19.8 29.6

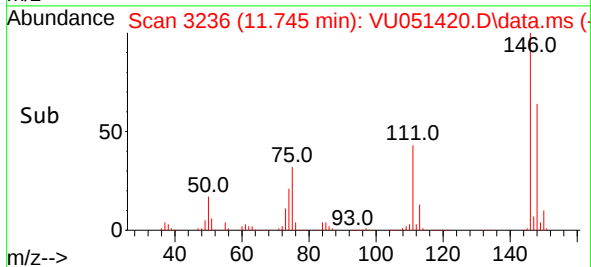
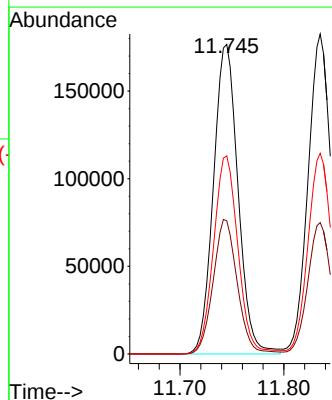
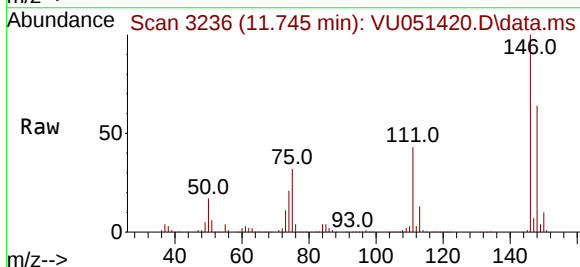
Manual Integrations
APPROVED

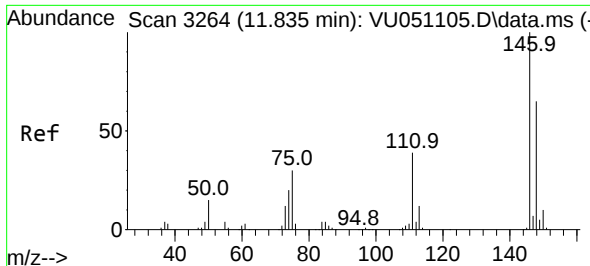
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022



#82
1,3-Dichlorobenzene
Concen: 10.059 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

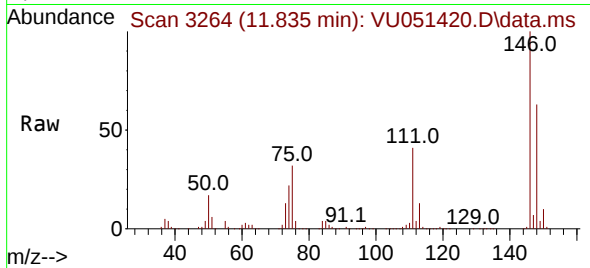
Tgt Ion:146 Resp: 290579
Ion Ratio Lower Upper
146 100
111 42.7 33.4 50.2
148 63.7 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 10.323 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

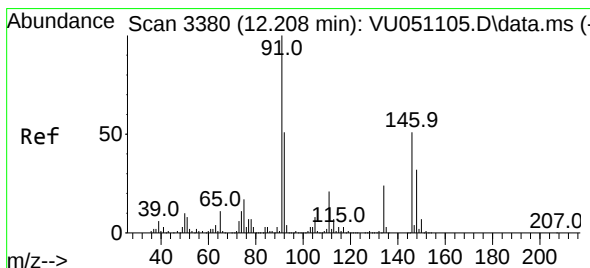
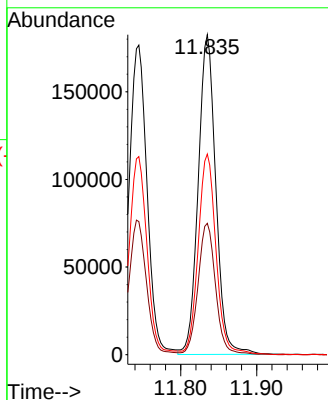
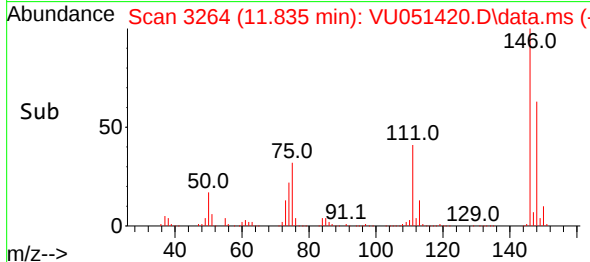
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



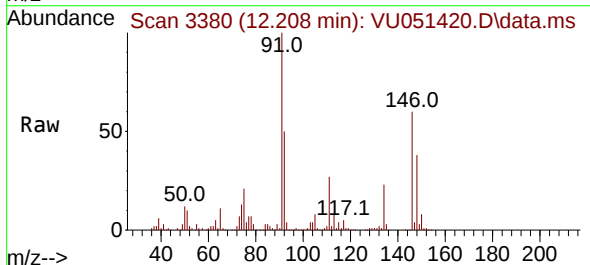
Tgt Ion:146 Resp: 293889
Ion Ratio Lower Upper
146 100
111 40.5 32.6 49.0
148 63.4 51.6 77.4

Manual Integrations
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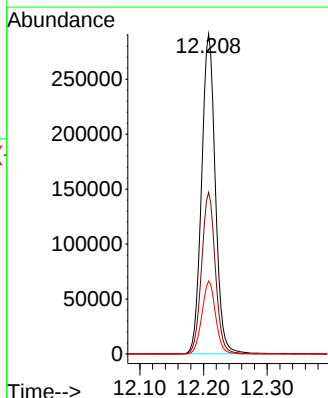
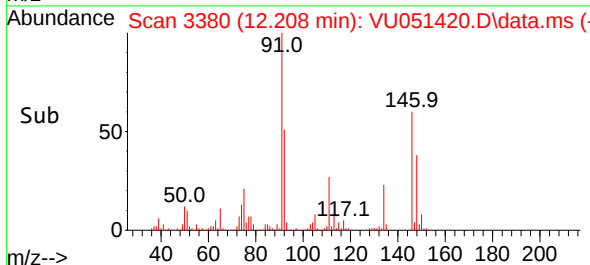
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022

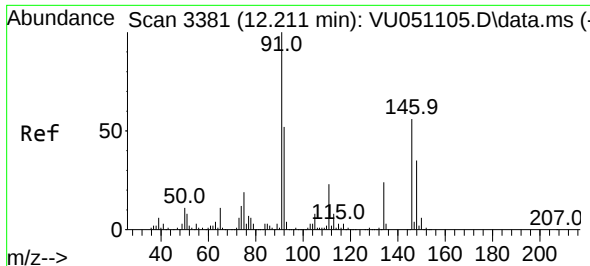


#84
n-Butylbenzene
Concen: 8.398 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50



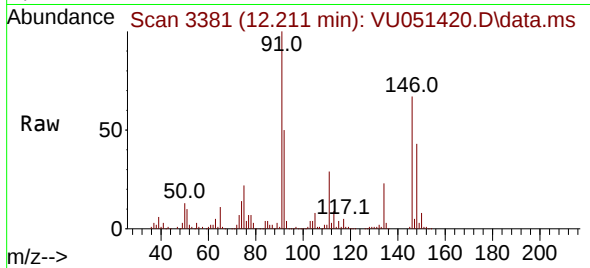
Tgt Ion: 91 Resp: 436088
Ion Ratio Lower Upper
91 100
92 50.6 42.3 63.5
134 22.7 19.6 29.4





#85
1,2-Dichlorobenzene
Concen: 10.149 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

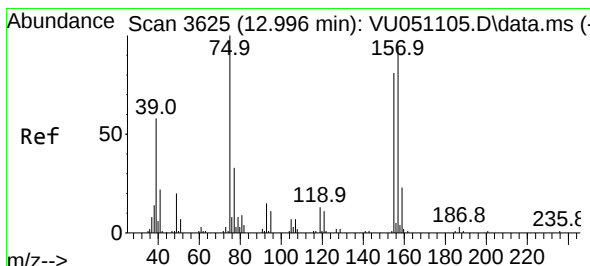
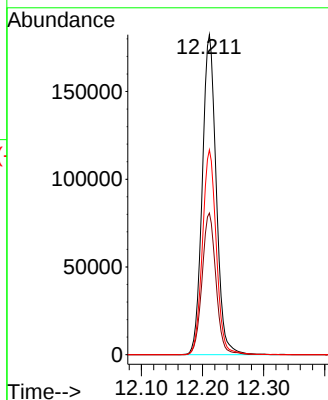
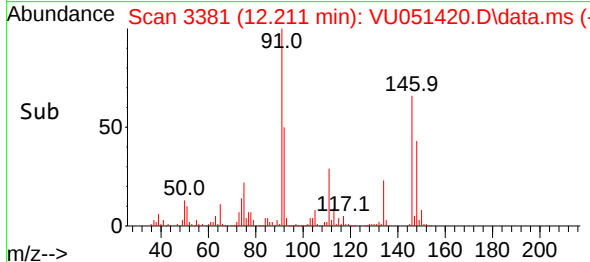
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



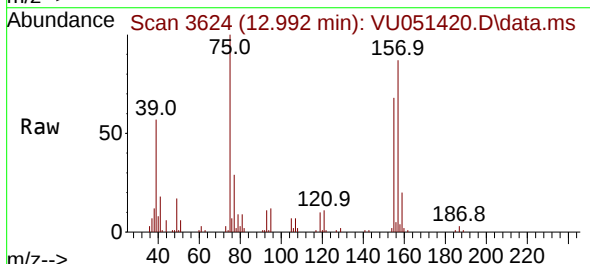
Tgt Ion:146 Resp: 28880
Ion Ratio Lower Upper
146 100
111 44.0 22.1 66.1
148 63.8 32.1 96.3

Manual Integrations
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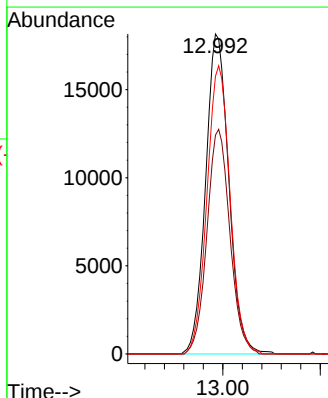
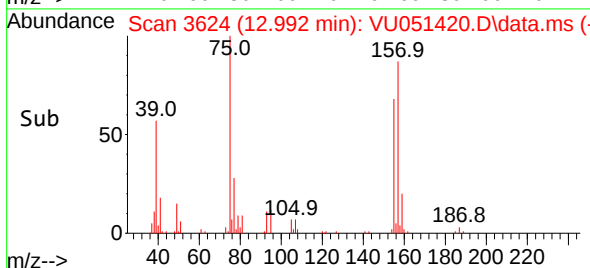
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022

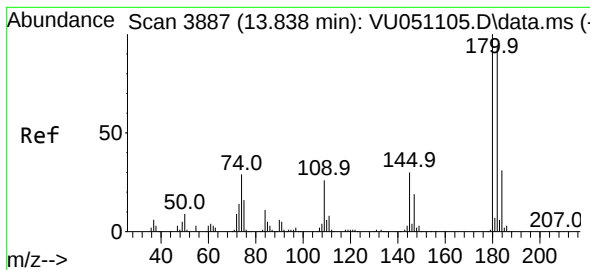


#86
1,2-Dibromo-3-Chloropropane
Concen: 12.429 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. -0.004 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50



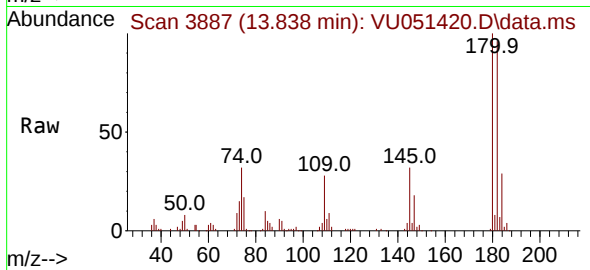
Tgt Ion: 75 Resp: 29977
Ion Ratio Lower Upper
75 100
155 69.5 66.8 100.2
157 89.9 83.8 125.8





#87
1,2,4-Trichlorobenzene
Concen: 7.513 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

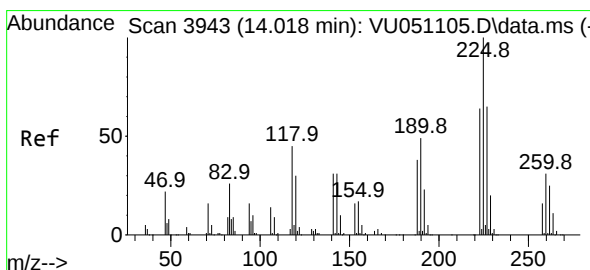
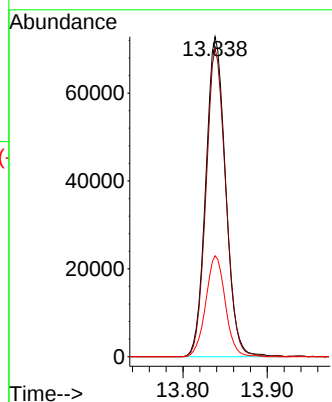
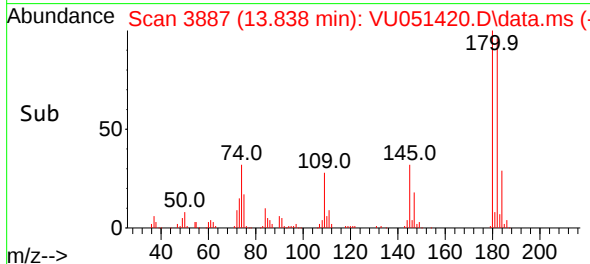
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



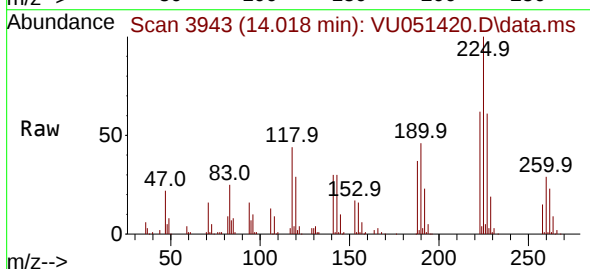
Tgt Ion:180 Resp: 119425
Ion Ratio Lower Upper
180 100
182 95.6 77.0 115.6
145 31.0 25.7 38.5

Manual Integrations
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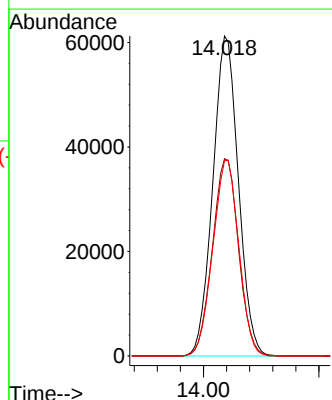
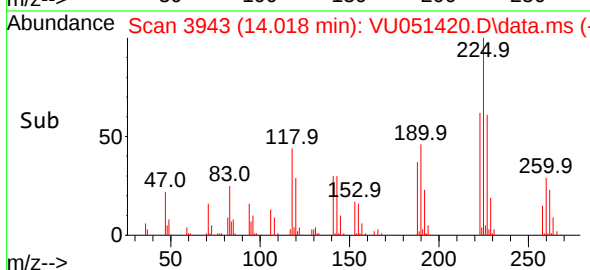
Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022

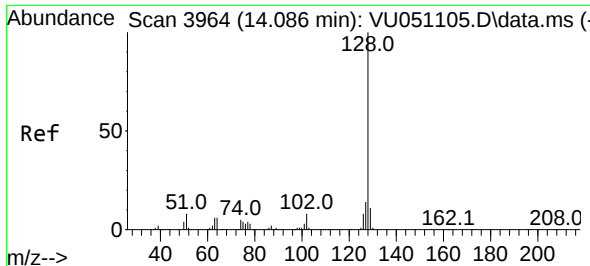


#88
Hexachlorobutadiene
Concen: 9.502 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50



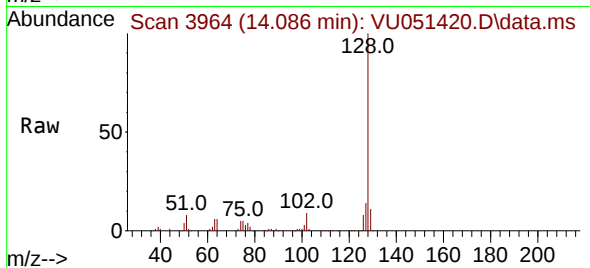
Tgt Ion:225 Resp: 93972
Ion Ratio Lower Upper
225 100
223 63.0 50.6 76.0
227 62.2 50.7 76.1





#89
Naphthalene
Concen: 9.081 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

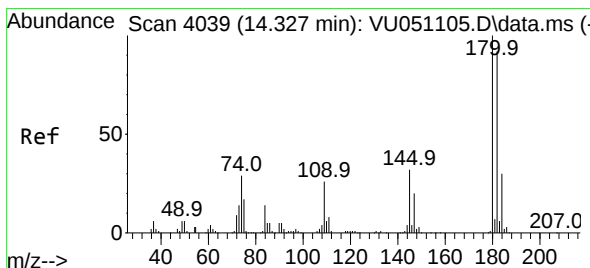
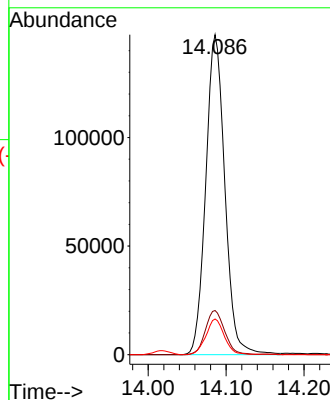
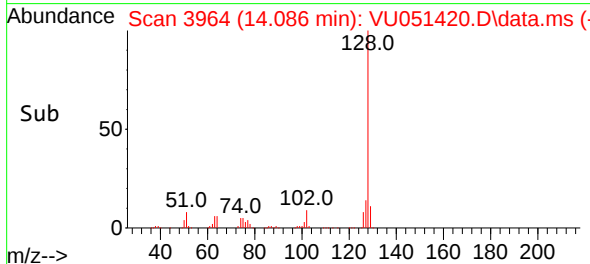
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:128 Resp: 25064
Ion Ratio Lower Upper
128 100
127 14.0 10.1 15.1
129 10.7 8.6 12.8

Manual Integrations
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Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022



#90
1,2,3-Trichlorobenzene
Concen: 8.251 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051420.D
Acq: 14 Oct 2022 11:50

Tgt Ion:180 Resp: 137632
Ion Ratio Lower Upper
180 100
182 94.5 76.6 114.8
145 32.4 27.3 40.9

