

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081922\
 Data File : VU050372.D
 Acq On : 19 Aug 2022 12:45
 Operator : SY/MD
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/30/2022
 Supervised By :Mahesh Dadoda 09/09/2022

Quant Time: Aug 19 14:12:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Aug 19 14:03:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.121	96	35283	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	11602	0.948	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	14726	1.072	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	29280	2.163	ug/l	100
3) Chloromethane	1.520	50	34967	2.111	ug/l	96
4) Vinyl Chloride	1.604	62	30514	2.099	ug/l	99
5) Bromomethane	1.858	94	12916	2.089	ug/l	96
6) Chloroethane	1.935	64	18094	2.000	ug/l	99
7) Trichlorofluoromethane	2.138	101	38578	2.262	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	21085	2.285	ug/l	95
9) 1,1-Dichloroethene	2.591	96	21207	2.189	ug/l	98
10) Iodomethane	2.732	142	16110	1.723	ug/l	98
11) Allyl Chloride	2.938	41	31392	1.979	ug/l	97
12) Acrylonitrile	3.343	53	12909m	4.063	ug/l	
13) Acetone	2.642	43	22869m	10.109	ug/l	
14) Carbon Disulfide	2.806	76	64594	1.968	ug/l	99
15) Methylene Chloride	3.064	84	27021	2.029	ug/l	96
16) trans-1,2-Dichloroethene	3.369	96	21100	1.998	ug/l	100
17) 1,1-Dichloroethane	3.890	63	44712	2.095	ug/l	98
18) 2-Butanone	4.748	43	36354m	10.302	ug/l	
19) Cyclohexane	5.363	56	31298m	2.469	ug/l	
20) Methylcyclohexane	6.800	83	22468	1.851	ug/l	99
21) 2,2-Dichloropropane	4.671	77	32209	2.034	ug/l	99
22) cis-1,2-Dichloroethene	4.671	96	24252	2.098	ug/l	97
23) Diethyl Ether	2.382	59	17449	2.000	ug/l	97
24) tert-Butyl Alcohol	3.224	59	21975m	17.787	ug/l	
25) Methyl tert-Butyl Ether	3.395	73	53999	1.973	ug/l	97
26) Bromochloromethane	4.973	128	9679	1.872	ug/l	93
27) Chloroform	5.083	83	41546	2.056	ug/l	99
28) 1,1,1-Trichloroethane	5.298	97	36730	2.274	ug/l	98
29) 1,1-Dichloropropene	5.504	75	28778	2.306	ug/l	96
30) Carbon Tetrachloride	5.501	117	29224	2.229	ug/l	91
31) Isopropyl Ether	4.028	45	67754	2.067	ug/l	98
32) Ethyl-t-butyl ether	4.533	59	53440	2.033	ug/l	100
33) Tert-Amyl methyl ether	5.964	73	30969	1.774	ug/l	99
34) Propionitrile	4.813	54	9995m	8.388	ug/l	
35) Benzene	5.761	78	83477	2.018	ug/l	98
36) 1,2-Dichloroethane	5.797	62	26164	2.020	ug/l	99
37) Trichloroethene	6.584	130	20874	2.078	ug/l	94
38) 1,2-Dichloropropane	6.835	63	23175	2.049	ug/l	99
39) Methacrylonitrile	4.996	41	8059	2.090	ug/l	# 94
40) Methyl acrylate	4.867	55	11804	1.748	ug/l	# 97
41) Tetrahydrofuran	5.086	42	8169m	3.898	ug/l	
42) 1-Chlorobutane	5.443	56	40805	2.291	ug/l	95
43) Dibromomethane	6.957	93	12198	1.955	ug/l	95
44) Bromodichloromethane	7.144	83	29289	2.014	ug/l	96

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Aug 19 14:03:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.832	43	57825	8.673	ug/l	97
46) t-1,4-Dichloro-2-butene	10.832	75	12613m	5.415	ug/l	
47) Methyl methacrylate	7.009	69	17269	3.439	ug/l	93
48) Ethyl methacrylate	8.359	69	14729	1.667	ug/l	97
49) Toluene	7.993	92	42832	1.867	ug/l	98
50) t-1,3-Dichloropropene	8.234	75	21705	1.819	ug/l	94
51) cis-1,3-Dichloropropene	7.639	75	25024	1.834	ug/l	95
52) 1,1,2-Trichloroethane	8.423	97	17836	1.918	ug/l	94
53) 1,3-Dichloropropane	8.597	76	27960	1.928	ug/l	99
54) 2-Hexanone	8.713	43	39594	8.570	ug/l	93
55) Dibromochloromethane	8.829	129	19650	1.972	ug/l	98
56) 1,2-Dibromoethane	8.941	107	16287	1.998	ug/l	100
58) Tetrachloroethene	8.568	164	19827	2.111	ug/l	97
59) Chlorobenzene	9.459	112	48246	1.943	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.546	131	20277	1.974	ug/l	98
61) Pentachloroethane	11.430	117	17077	2.011	ug/l	93
62) Hexachloroethane	12.475	117	13685	2.048	ug/l	98
63) Ethyl Benzene	9.581	91	69415	1.774	ug/l	98
64) m/p-Xylenes	9.703	106	52850	3.472	ug/l	97
65) o-Xylene	10.108	106	26829	1.823	ug/l	96
66) Styrene	10.124	104	42845	1.765	ug/l	98
67) Bromoform	10.298	173	11507	1.989	ug/l	99
69) Isopropylbenzene	10.491	105	67746	1.798	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.790	83	24222	1.911	ug/l	94
71) 1,2,3-Trichloropropane	10.832	75	18388m	2.021	ug/l	
72) Bromobenzene	10.790	156	20611	1.961	ug/l	95
73) n-propylbenzene	10.912	120	17547	1.770	ug/l	99
74) 2-Chlorotoluene	10.989	126	19064	1.963	ug/l	88
75) 1,3,5-Trimethylbenzene	11.092	105	59132	1.797	ug/l	100
76) 4-Chlorotoluene	11.105	126	19509	2.005	ug/l	80
77) tert-Butylbenzene	11.423	119	60109	1.862	ug/l	96
78) 1,2,4-Trimethylbenzene	11.472	105	60435	1.780	ug/l	96
79) sec-Butylbenzene	11.648	105	78604	1.844	ug/l	99
80) Nitrobenzene	13.214	77	6887	8.989	ug/l	97
81) p-Isopropyltoluene	11.796	119	60558	1.774	ug/l	99
82) 1,3-Dichlorobenzene	11.748	146	43606	2.039	ug/l	99
83) 1,4-Dichlorobenzene	11.841	146	43268	2.009	ug/l	97
84) n-Butylbenzene	12.211	91	58914	1.820	ug/l	96
85) 1,2-Dichlorobenzene	12.214	146	43276	2.024	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.999	75	4063	2.001	ug/l	87
87) 1,2,4-Trichlorobenzene	13.841	180	22991	1.845	ug/l	100
88) Hexachlorobutadiene	14.021	225	15891	2.156	ug/l	97
89) Naphthalene	14.089	128	45077	1.599	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	24490	1.909	ug/l	97

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

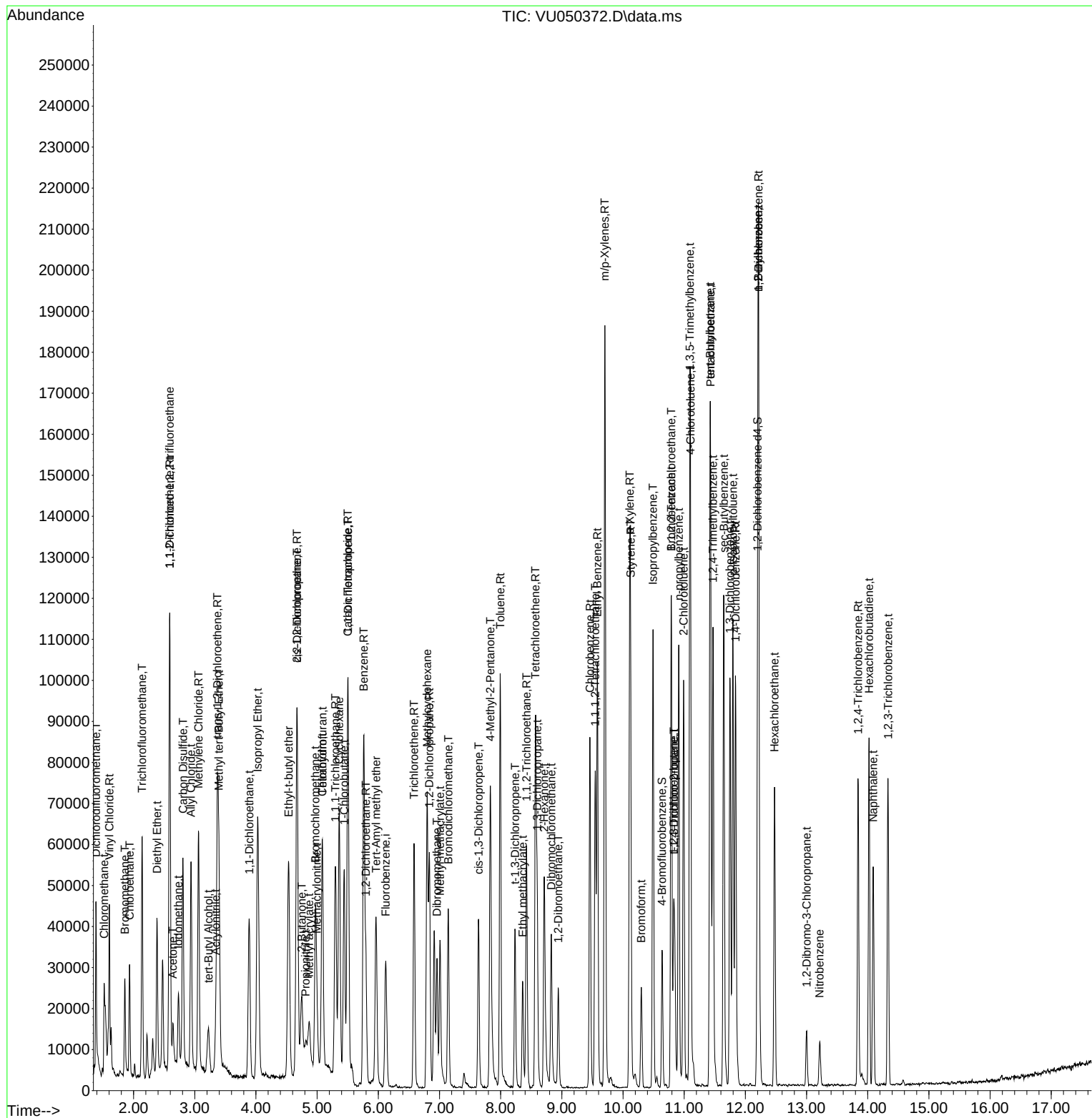
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081922\
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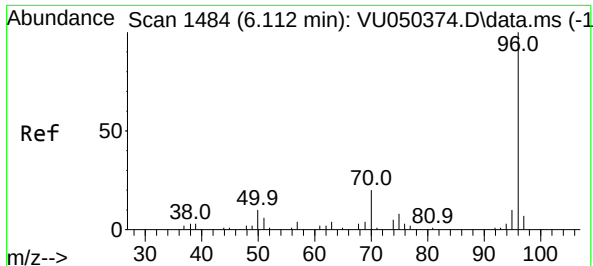
Instrument :
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 ClientSampleId :
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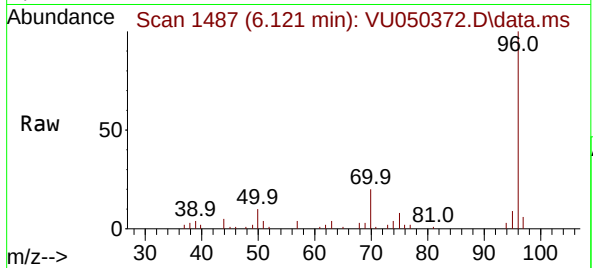
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.121 min Scan# 14
Delta R.T. 0.009 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

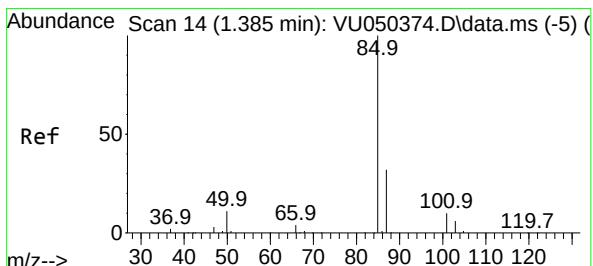
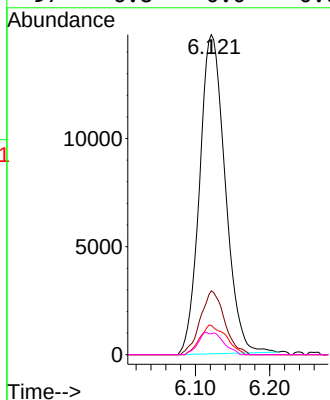
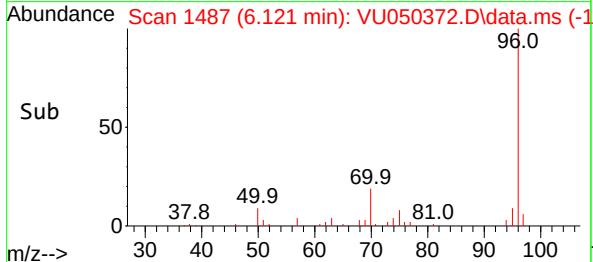
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 96 Resp: 3528
Ion Ratio Lower Upper
96 100
70 19.0 16.7 25.1
95 9.4 7.4 11.0
97 6.8 0.0 0.0#

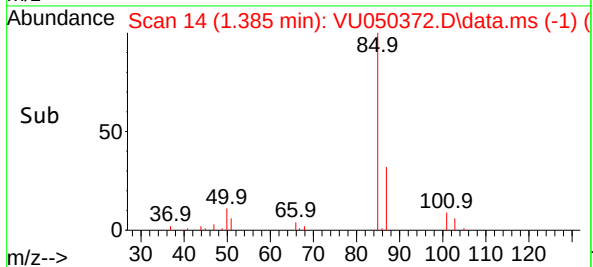
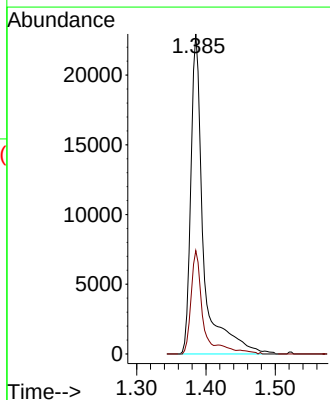
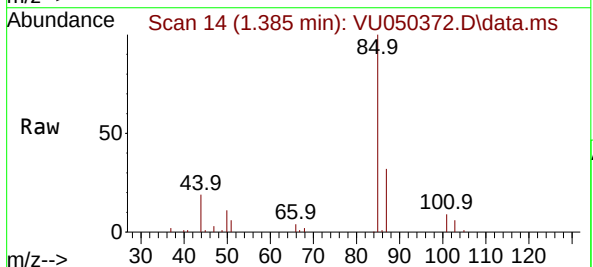
Manual Integrations
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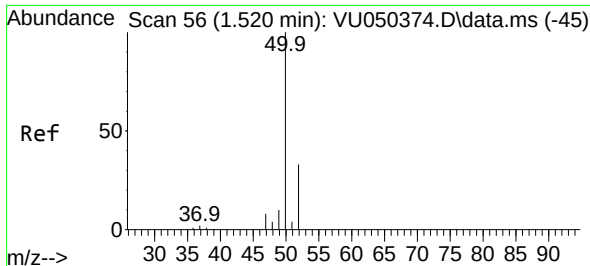
Reviewed By :Krupa Patel 08/30/2022
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#2
Dichlorodifluoromethane
Concen: 2.163 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

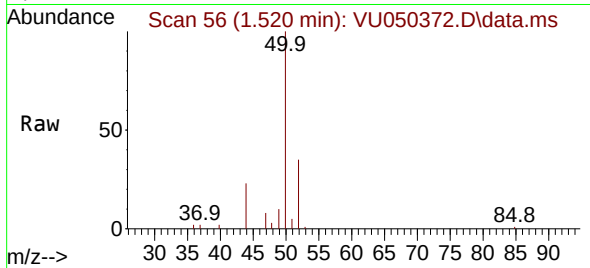
Tgt Ion: 85 Resp: 29280
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.8





#3
Chloromethane
Concen: 2.111 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

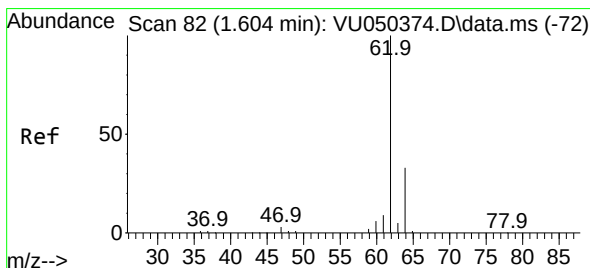
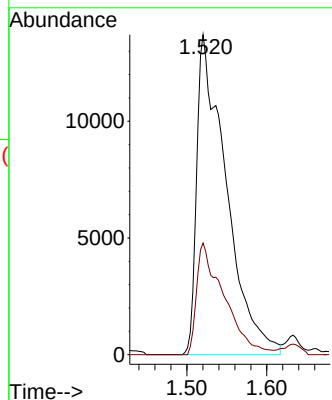
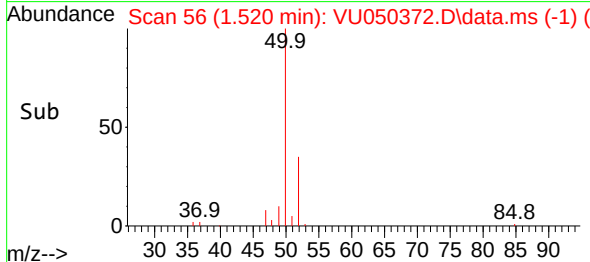
Instrument :
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VSTDICC002



Tgt Ion: 50 Resp: 3496
Ion Ratio Lower Upper
50 100
52 34.9 26.1 39.1

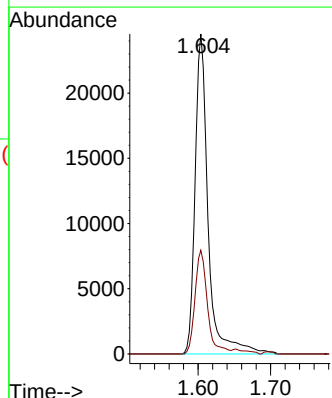
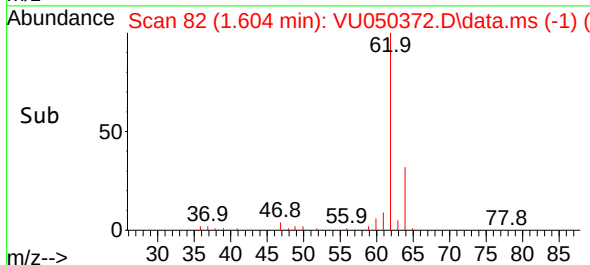
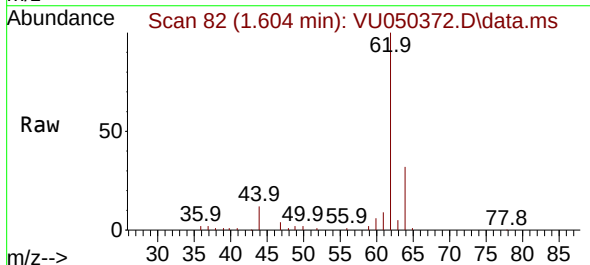
Manual Integrations
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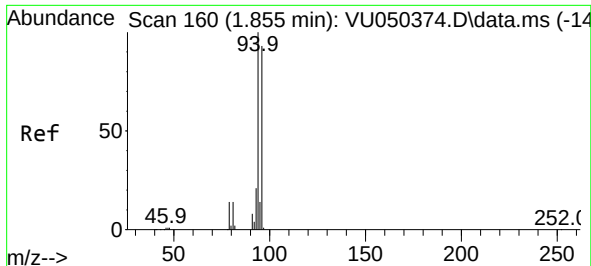
Reviewed By :Krupa Patel 08/30/2022
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#4
Vinyl Chloride
Concen: 2.099 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

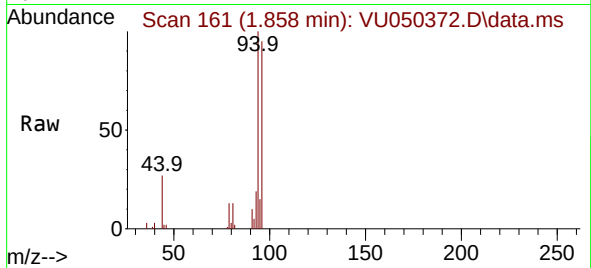
Tgt Ion: 62 Resp: 30514
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3





#5
Bromomethane
Concen: 2.089 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.003 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

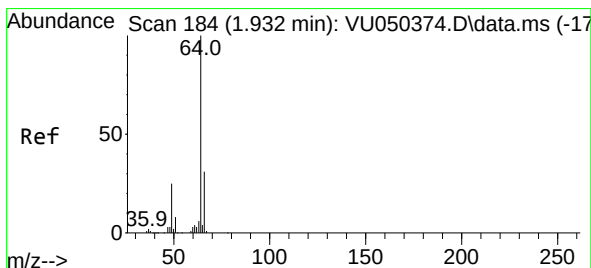
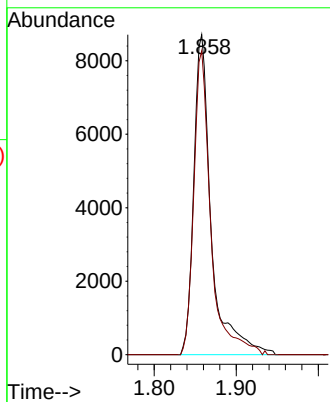
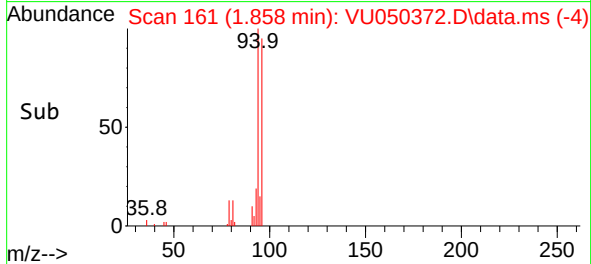
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



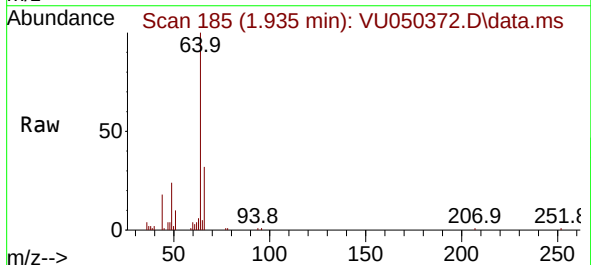
Tgt Ion: 94 Resp: 12910
Ion Ratio Lower Upper
94 100
96 94.9 73.0 109.6

Manual Integrations
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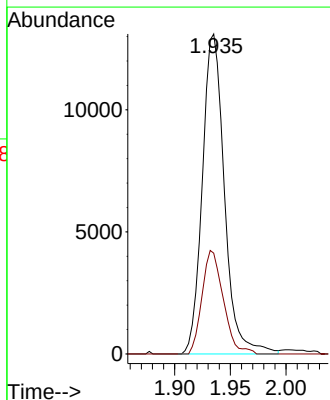
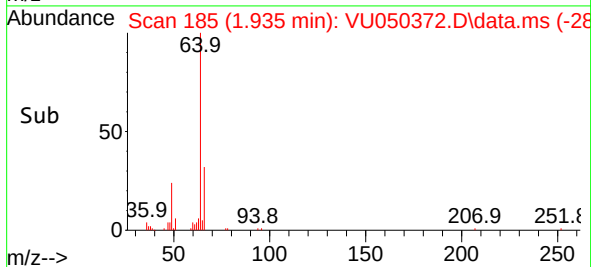
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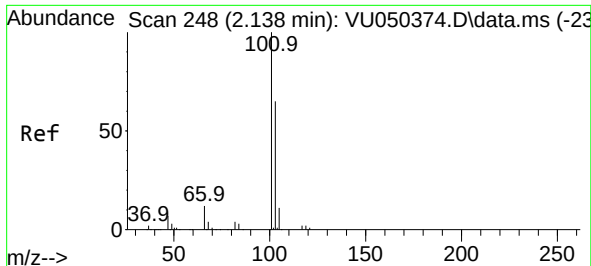


#6
Chloroethane
Concen: 2.000 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45



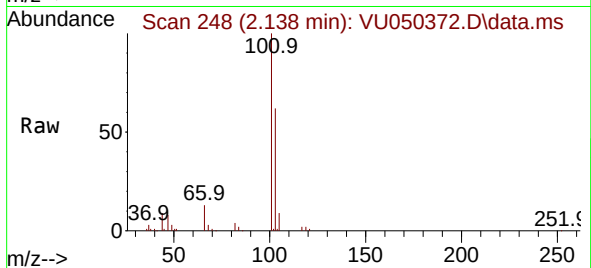
Tgt Ion: 64 Resp: 18094
Ion Ratio Lower Upper
64 100
66 31.5 25.8 38.6





#7
 Trichlorofluoromethane
 Concen: 2.262 ug/l
 RT: 2.138 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU050372.D
 Acq: 19 Aug 2022 12:45

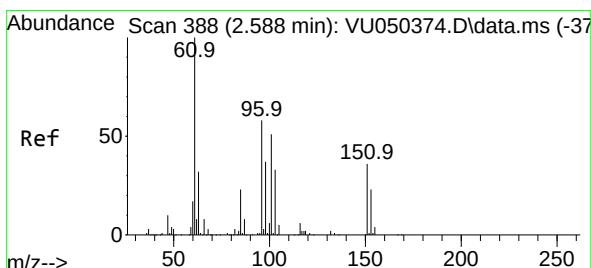
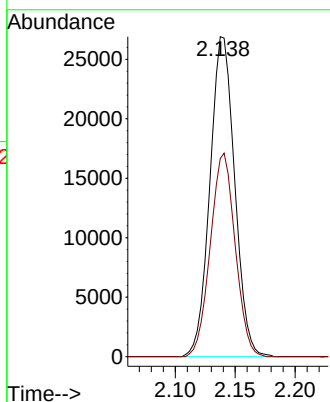
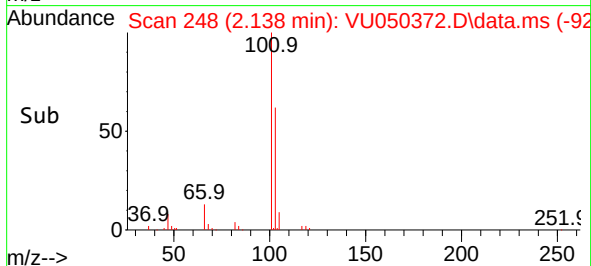
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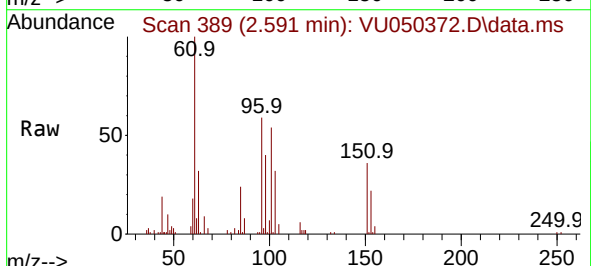
Tgt Ion:101 Resp: 38578
 Ion Ratio Lower Upper
 101 100
 103 61.9 51.8 77.6

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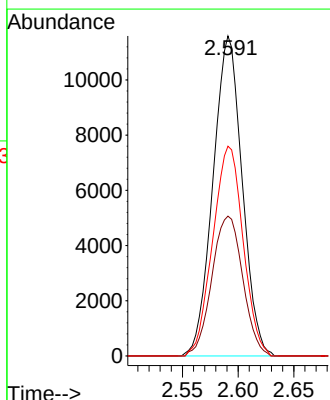
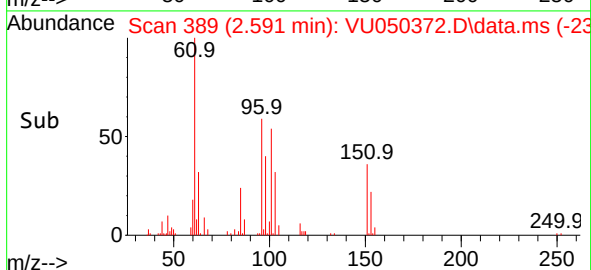
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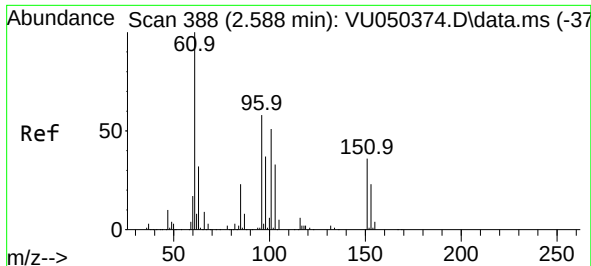


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.285 ug/l
 RT: 2.591 min Scan# 389
 Delta R.T. 0.003 min
 Lab File: VU050372.D
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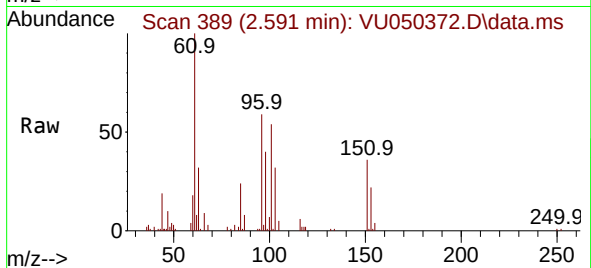
Tgt Ion:101 Resp: 21085
 Ion Ratio Lower Upper
 101 100
 85 46.2 36.4 54.6
 151 68.3 59.1 88.7





#9
1,1-Dichloroethene
Concen: 2.189 ug/l
RT: 2.591 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU050372.D
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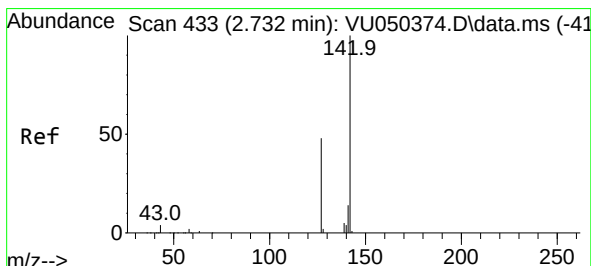
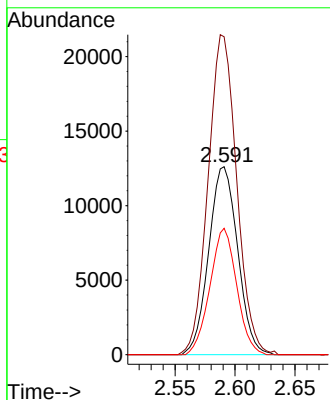
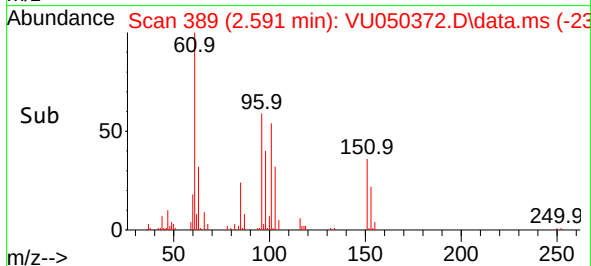
Instrument :
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Tgt Ion: 96 Resp: 2120
Ion Ratio Lower Upper
96 100
61 169.1 0.0 510.6
98 67.2 0.0 124.6

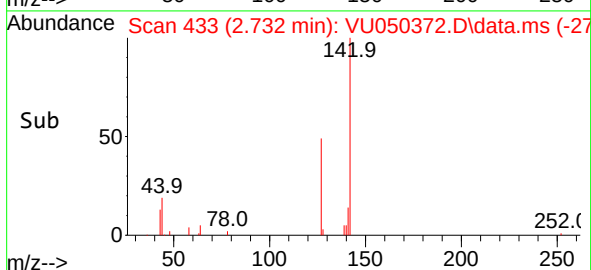
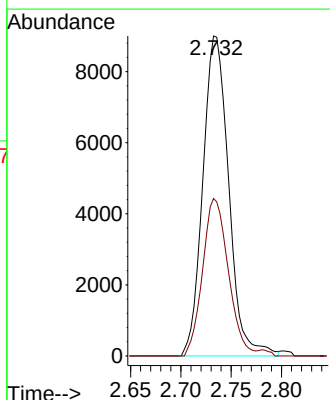
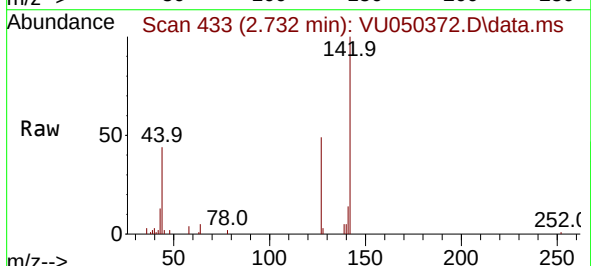
Manual Integrations
APPROVED

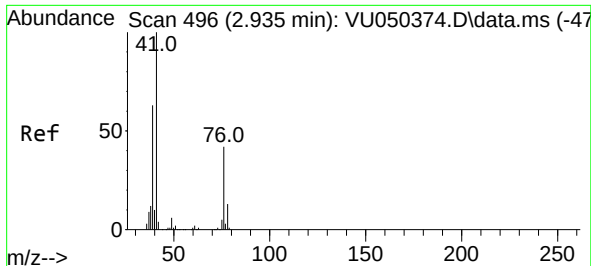
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#10
Iodomethane
Concen: 1.723 ug/l
RT: 2.732 min Scan# 433
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

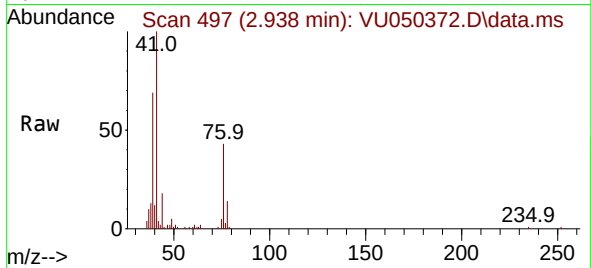
Tgt Ion:142 Resp: 16110
Ion Ratio Lower Upper
142 100
127 48.9 38.2 57.2





#11
 Allyl Chloride
 Concen: 1.979 ug/l
 RT: 2.938 min Scan# 496
 Delta R.T. 0.003 min
 Lab File: VU050372.D
 Acq: 19 Aug 2022 12:45

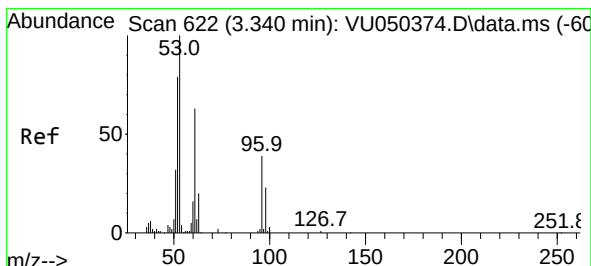
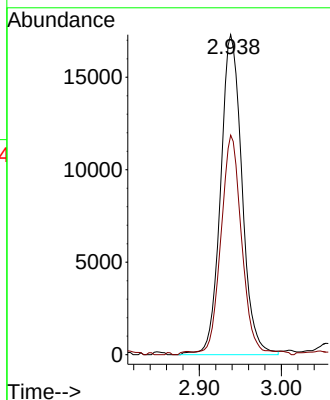
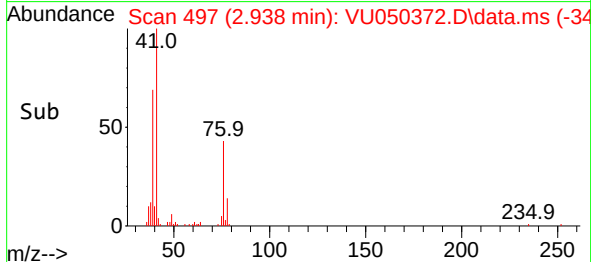
Instrument :
 MSVOA_U
 Client Sample Id :
 VSTDIC002



Tgt Ion: 41 Resp: 31392
 Ion Ratio Lower Upper
 41 100
 39 63.7 53.2 79.8

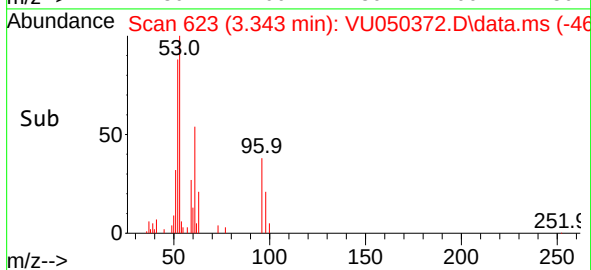
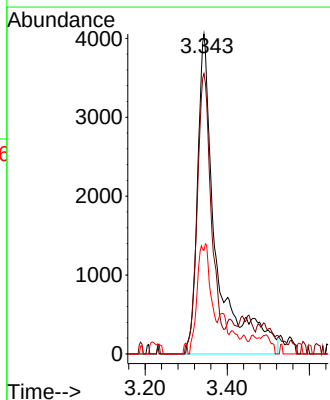
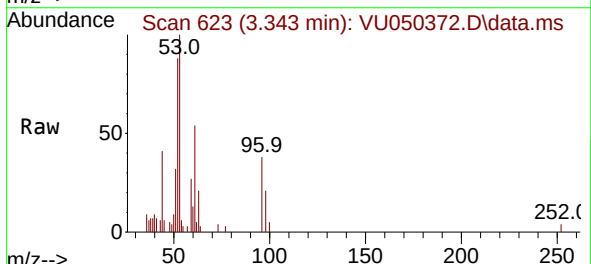
Manual Integrations
 APPROVED

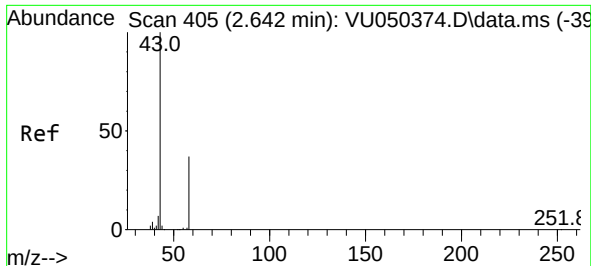
Reviewed By :Krupa Patel 08/30/2022
 Supervised By :Mahesh Dadoda 09/09/2022



#12
 Acrylonitrile
 Concen: 4.063 ug/l m
 RT: 3.343 min Scan# 623
 Delta R.T. 0.003 min
 Lab File: VU050372.D
 Acq: 19 Aug 2022 12:45

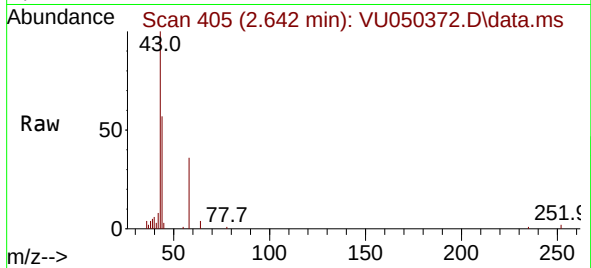
Tgt Ion: 53 Resp: 12909
 Ion Ratio Lower Upper
 53 100
 52 66.2 64.6 97.0
 51 13.3 30.7 46.1#





#13
Acetone
Concen: 10.109 ug/l m
RT: 2.642 min Scan# 405
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

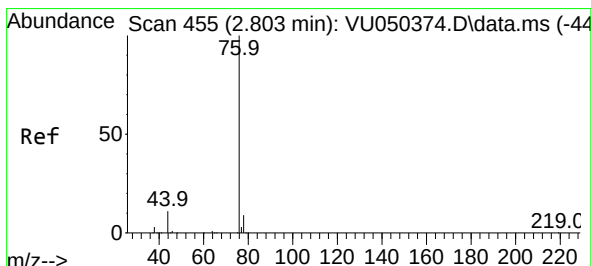
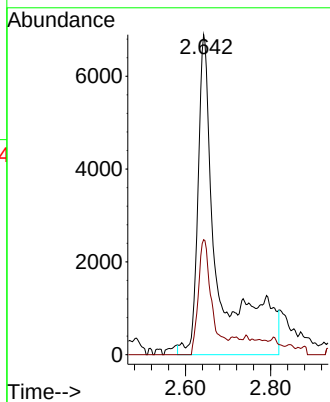
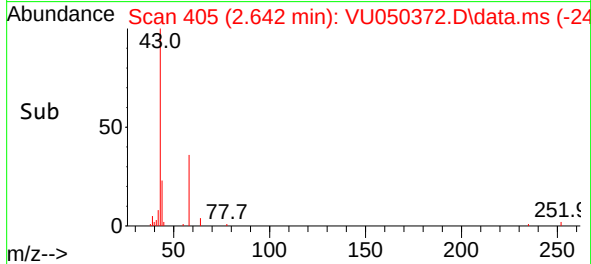
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 43 Resp: 22869
Ion Ratio Lower Upper
43 100
58 36.0 26.2 39.2

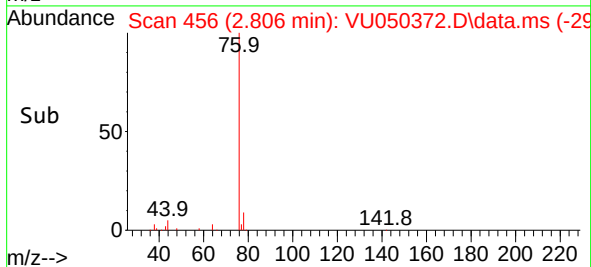
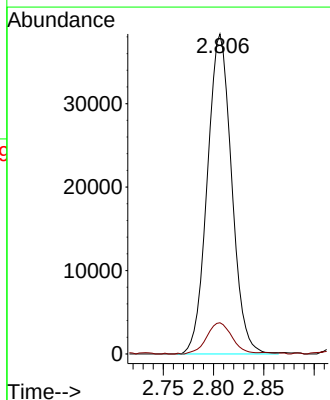
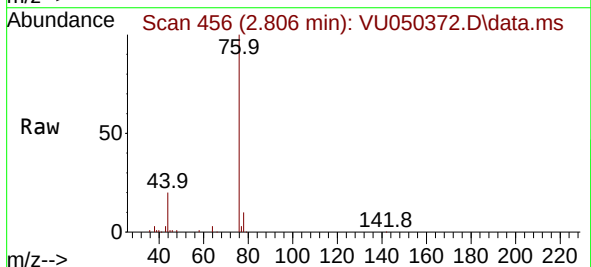
Manual Integrations
APPROVED

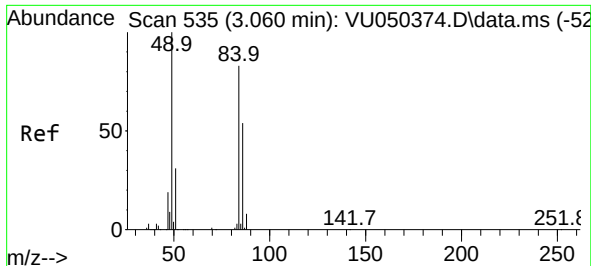
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#14
Carbon Disulfide
Concen: 1.968 ug/l
RT: 2.806 min Scan# 456
Delta R.T. 0.003 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

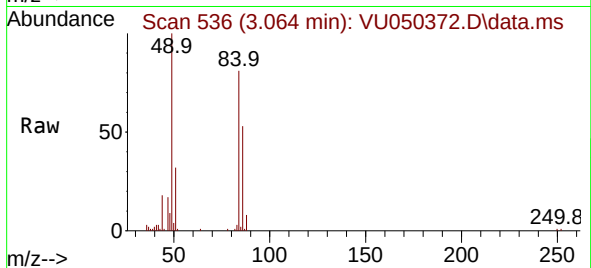
Tgt Ion: 76 Resp: 64594
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0





#15
Methylene Chloride
Concen: 2.029 ug/l
RT: 3.064 min Scan# 511
Delta R.T. 0.003 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

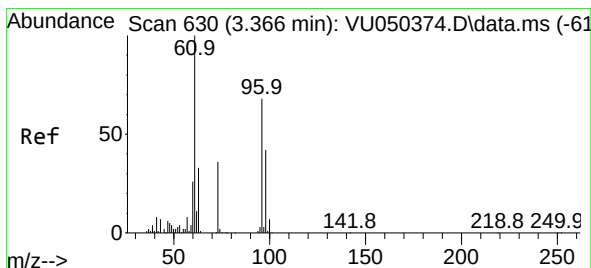
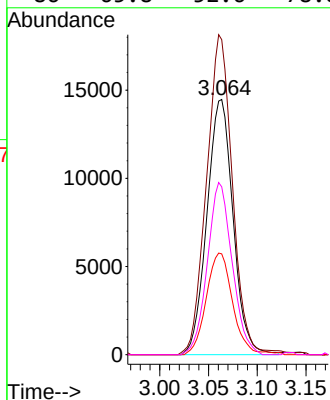
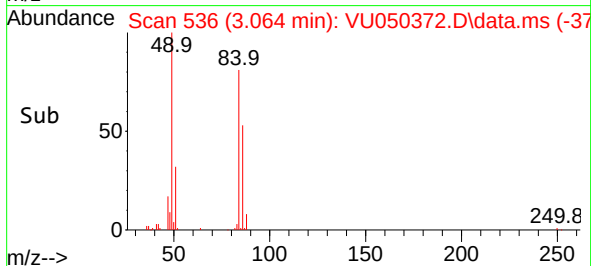
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 84 Resp: 2702
Ion Ratio Lower Upper
84 100
49 123.4 104.6 157.0
51 39.5 0.0 81.4
86 65.8 52.6 78.8

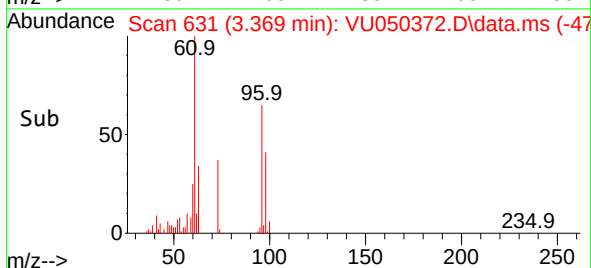
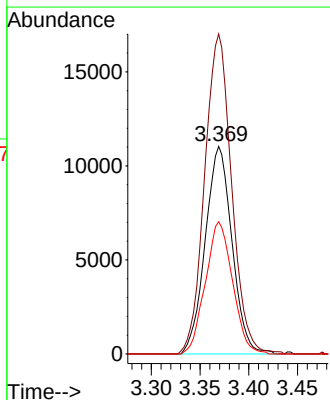
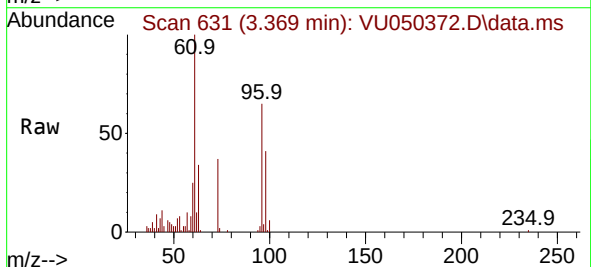
Manual Integrations
APPROVED

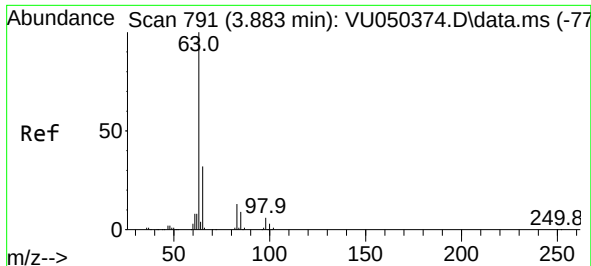
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#16
trans-1,2-Dichloroethene
Concen: 1.998 ug/l
RT: 3.369 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

Tgt Ion: 96 Resp: 21100
Ion Ratio Lower Upper
96 100
61 154.1 123.4 185.0
98 63.6 51.6 77.4





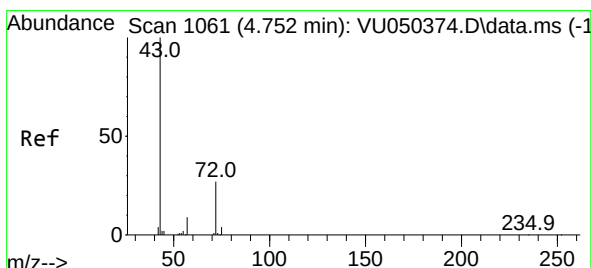
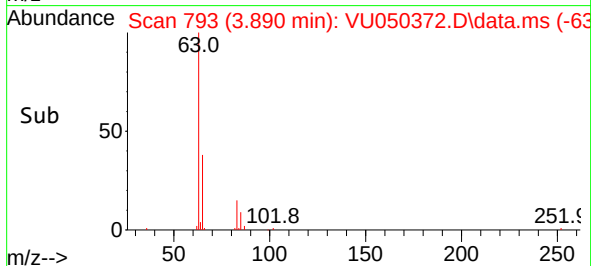
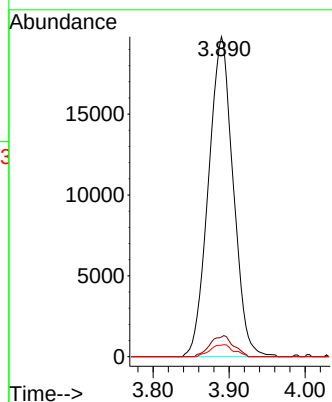
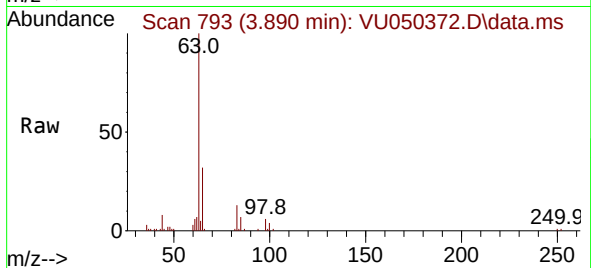
#17
1,1-Dichloroethane
Concen: 2.095 ug/l
RT: 3.890 min Scan# 791
Delta R.T. 0.006 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 63 Resp: 44712
Ion Ratio Lower Upper
63 100
98 6.1 3.4 10.2
100 3.6 2.0 6.0

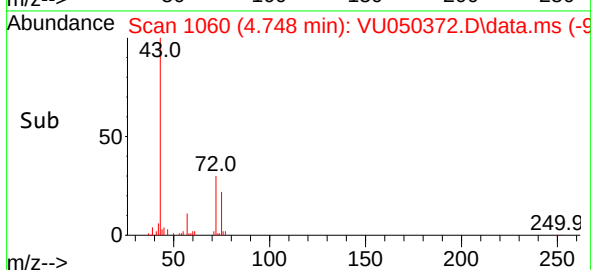
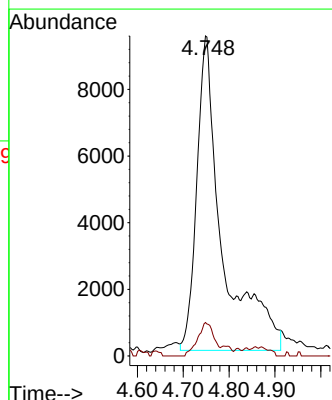
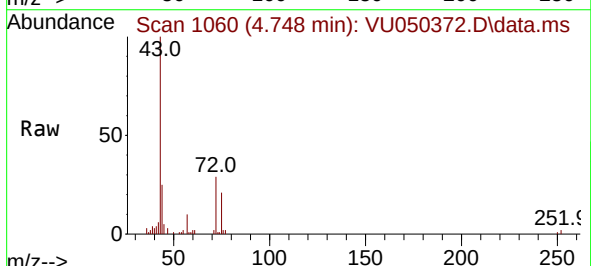
Manual Integrations
APPROVED

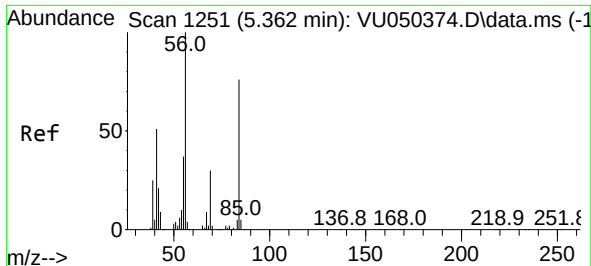
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#18
2-Butanone
Concen: 10.302 ug/l m
RT: 4.748 min Scan# 1060
Delta R.T. -0.003 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

Tgt Ion: 43 Resp: 36354
Ion Ratio Lower Upper
43 100
57 10.4 0.0 18.0





#19

Cyclohexane

Concen: 2.469 ug/l m

RT: 5.363 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 56 Resp: 31298

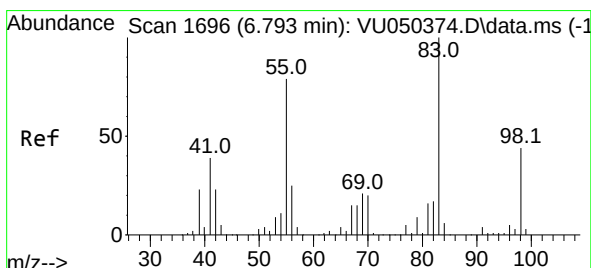
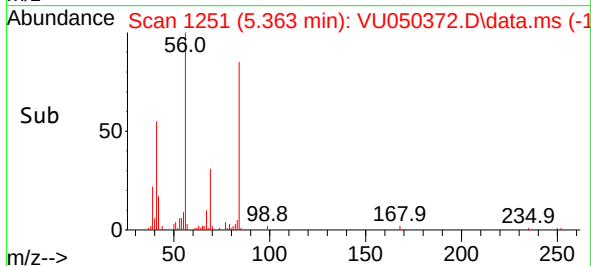
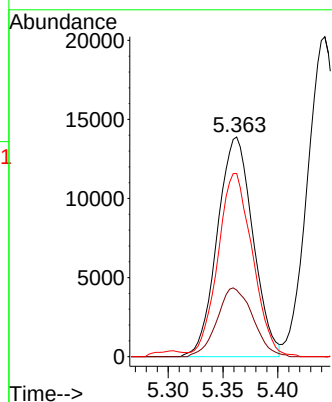
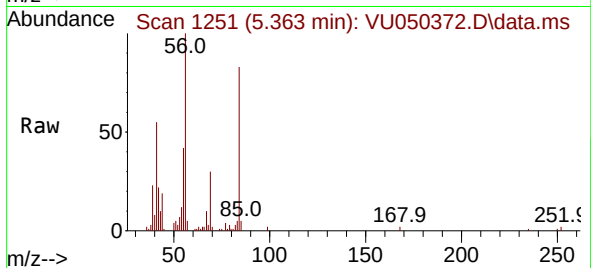
Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.2	36.4
84	78.9	63.4	95.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#20

Methylcyclohexane

Concen: 1.851 ug/l

RT: 6.800 min Scan# 1698

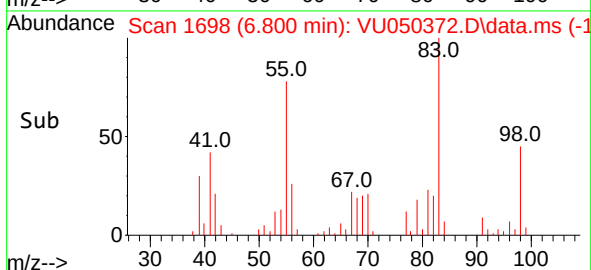
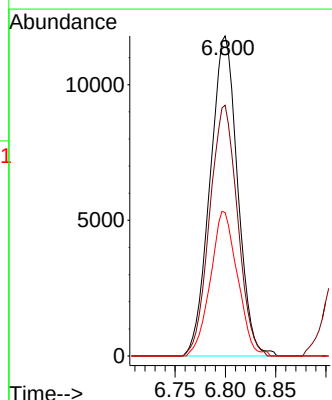
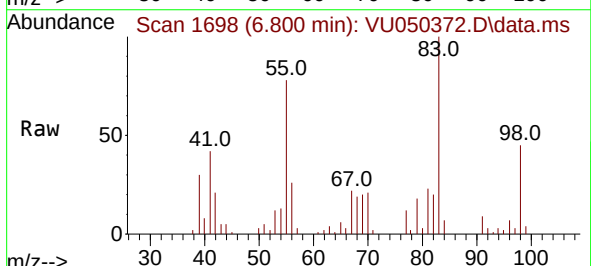
Delta R.T. 0.006 min

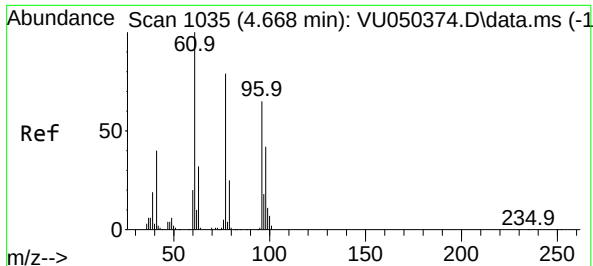
Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

Tgt Ion: 83 Resp: 22468

Ion	Ratio	Lower	Upper
83	100		
55	79.3	63.0	94.4
98	44.4	35.7	53.5





#21

2,2-Dichloropropane

Concen: 2.034 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 77 Resp: 32209

Ion Ratio Lower Upper

77 100

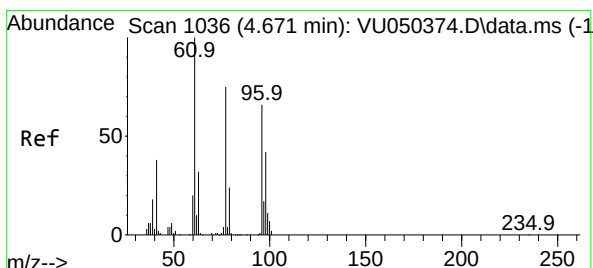
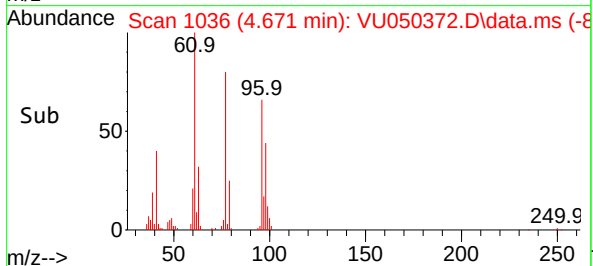
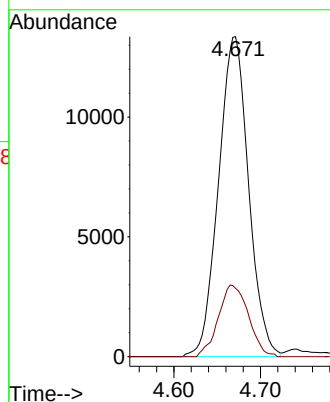
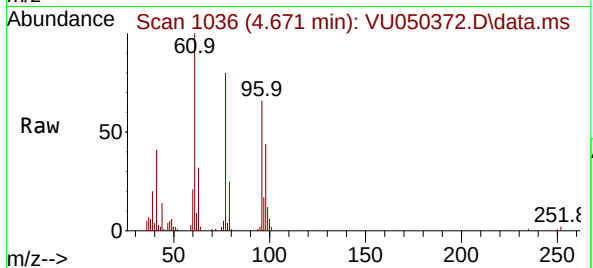
97 22.4 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#22

cis-1,2-Dichloroethene

Concen: 2.098 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

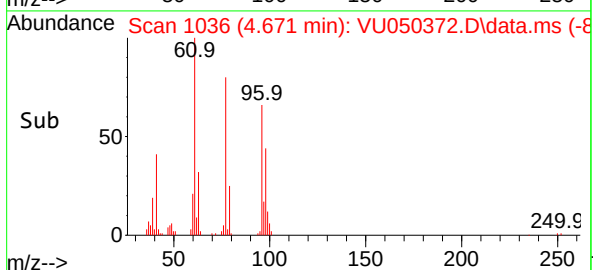
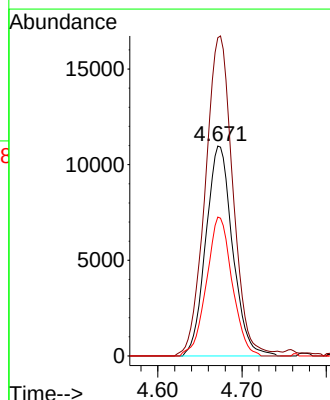
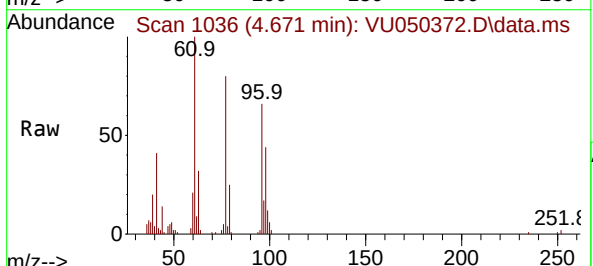
Tgt Ion: 96 Resp: 24252

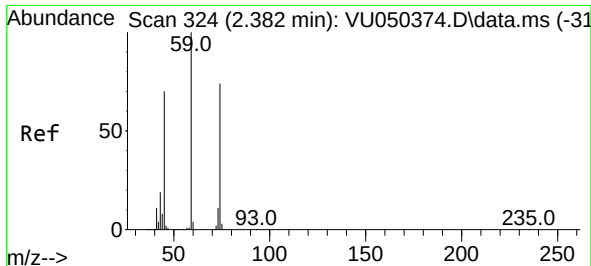
Ion Ratio Lower Upper

96 100

61 156.2 0.0 375.8

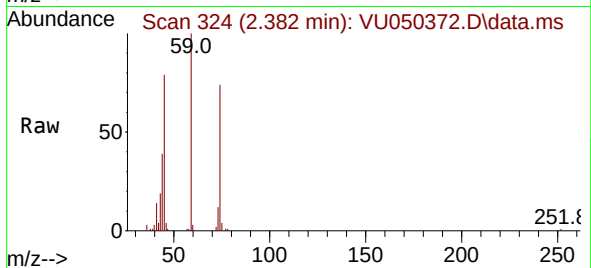
98 63.4 31.6 95.0





#23
Diethyl Ether
Concen: 2.000 ug/l
RT: 2.382 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

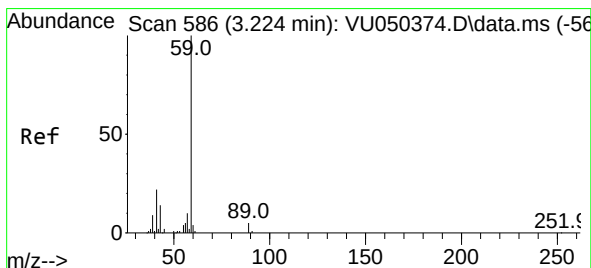
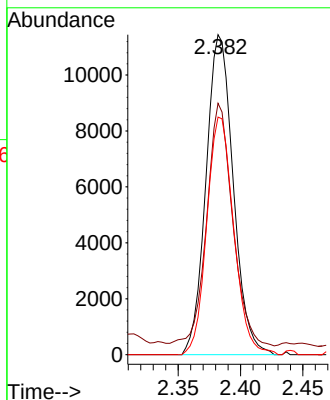
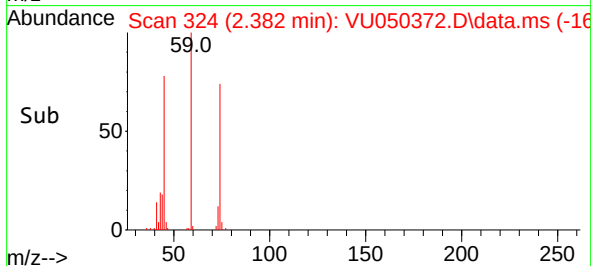
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



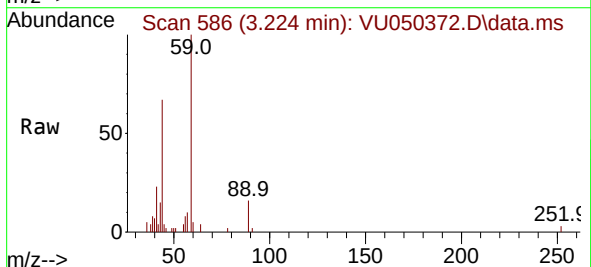
Tgt Ion: 59 Resp: 17449
Ion Ratio Lower Upper
59 100
45 74.4 56.0 84.0
74 73.2 57.6 86.4

Manual Integrations
APPROVED

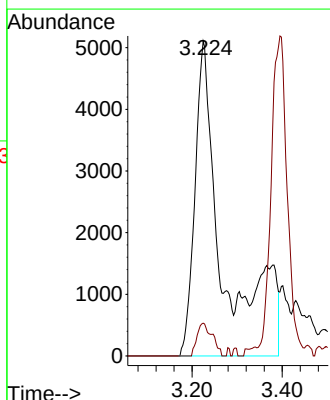
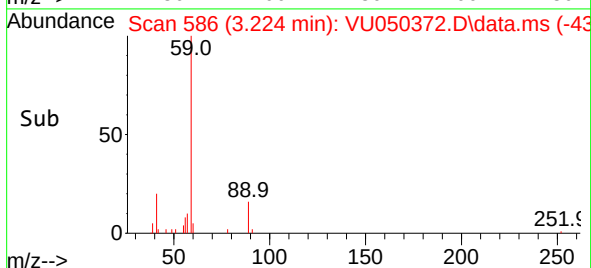
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

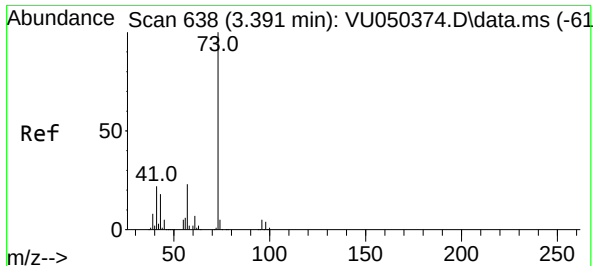


#24
tert-Butyl Alcohol
Concen: 17.787 ug/l m
RT: 3.224 min Scan# 586
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45



Tgt Ion: 59 Resp: 21975
Ion Ratio Lower Upper
59 100
57 5.7 8.2 12.2#





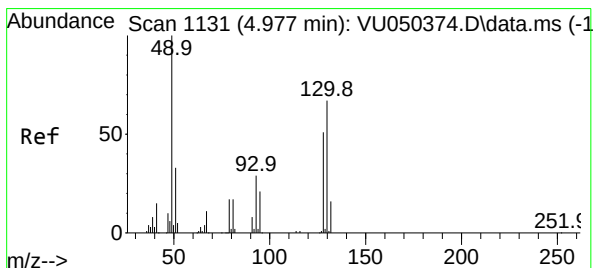
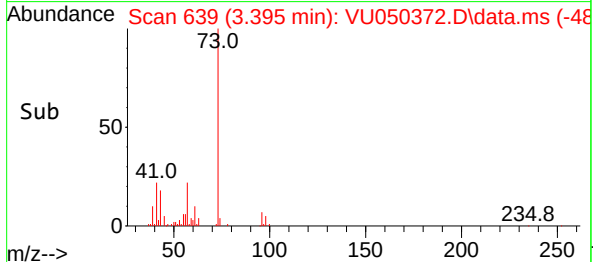
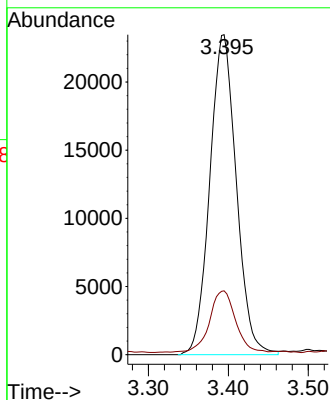
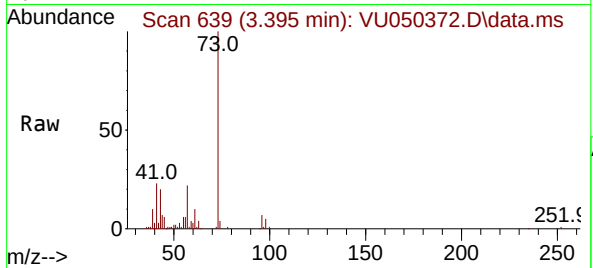
#25
Methyl tert-Butyl Ether
Concen: 1.973 ug/l
RT: 3.395 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 73 Resp: 5399
Ion Ratio Lower Upper
73 100
43 18.5 15.9 23.9

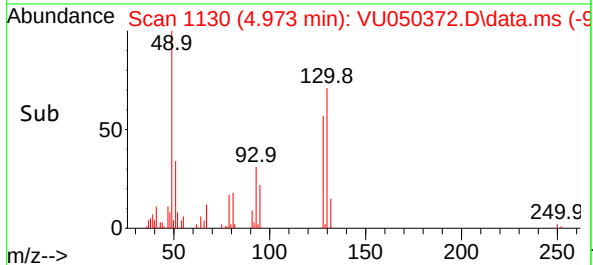
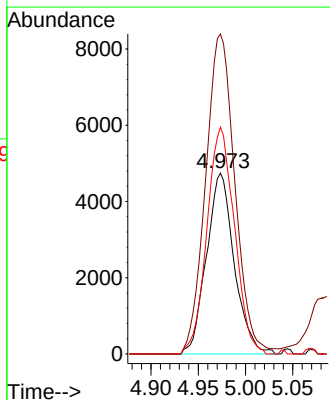
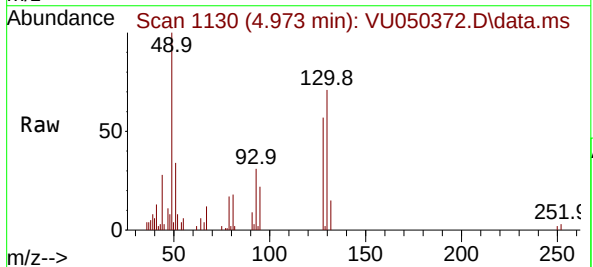
Manual Integrations
APPROVED

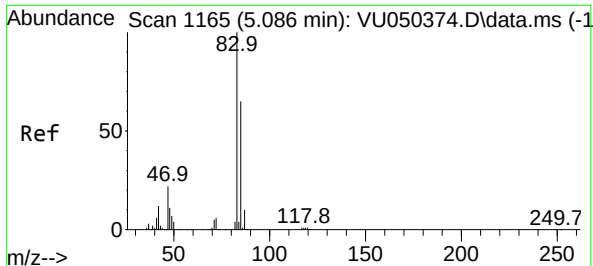
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#26
Bromochloromethane
Concen: 1.872 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

Tgt Ion:128 Resp: 9679
Ion Ratio Lower Upper
128 100
49 186.9 0.0 349.2
130 124.7 103.0 154.6





#27

Chloroform

Concen: 2.056 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. -0.003 min

Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 83 Resp: 41540

Ion Ratio Lower Upper

83 100

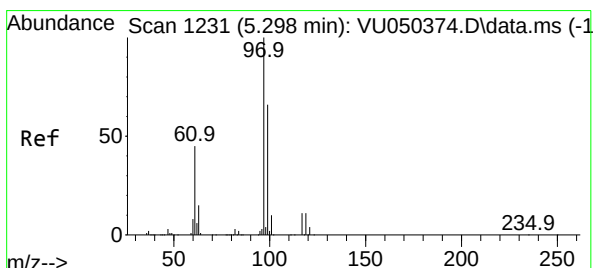
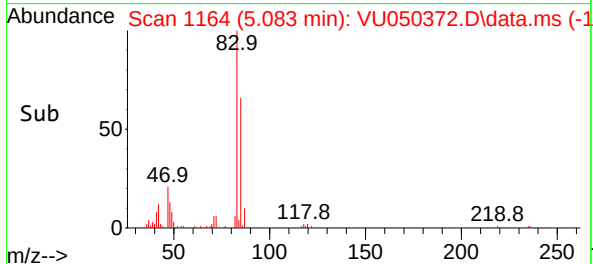
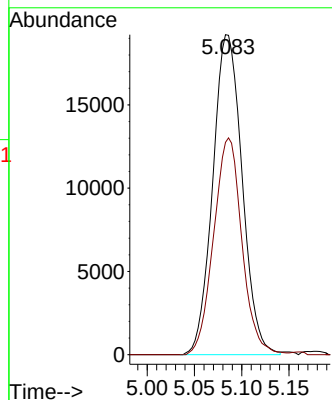
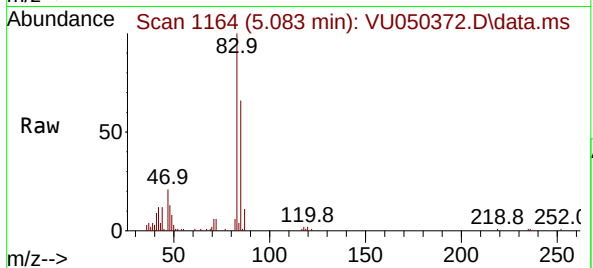
85 66.3 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#28

1,1,1-Trichloroethane

Concen: 2.274 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

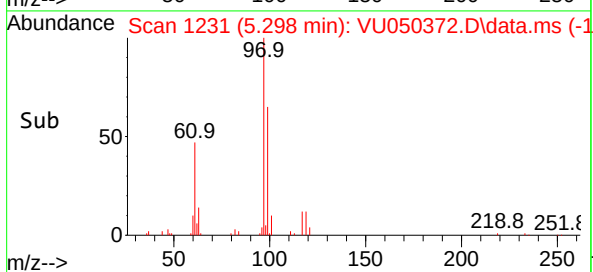
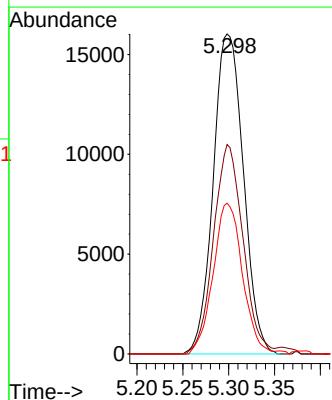
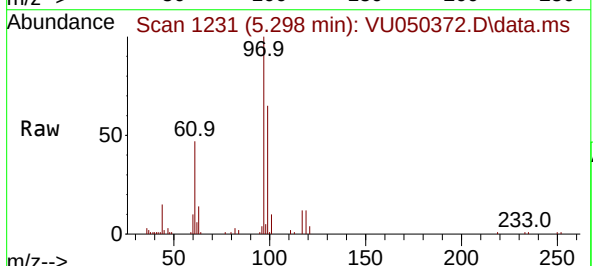
Tgt Ion: 97 Resp: 36730

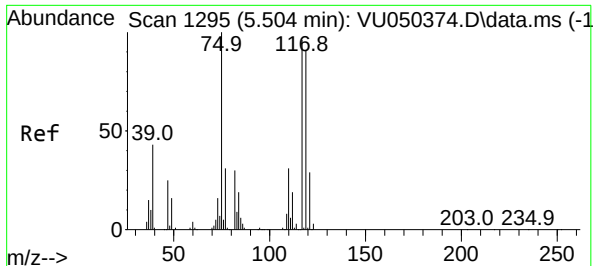
Ion Ratio Lower Upper

97 100

99 63.7 32.1 96.5

61 45.7 21.8 65.4





#29

1,1-Dichloropropene

Concen: 2.306 ug/l

RT: 5.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

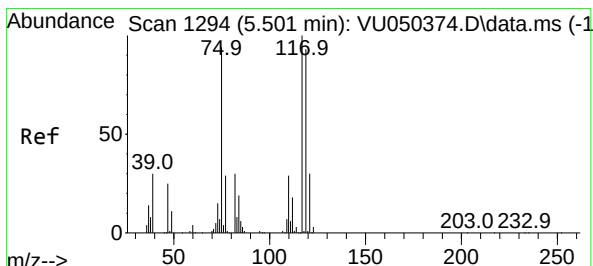
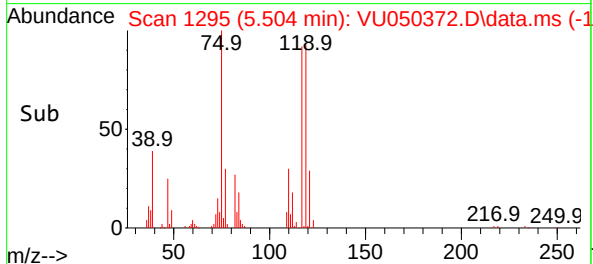
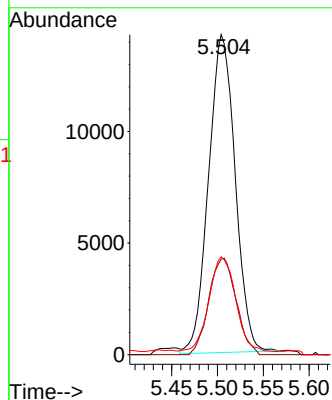
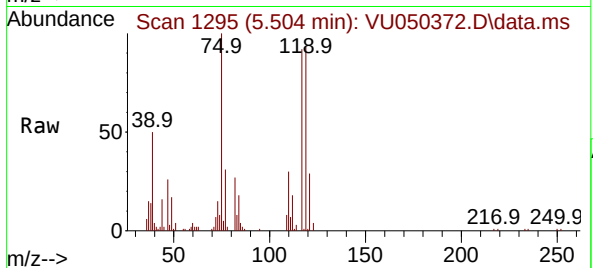
Tgt Ion:	75	Resp:	28778
Ion Ratio	Lower	Upper	
75	100		
110	31.1	17.3	52.0
77	29.9	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#30

Carbon Tetrachloride

Concen: 2.229 ug/l

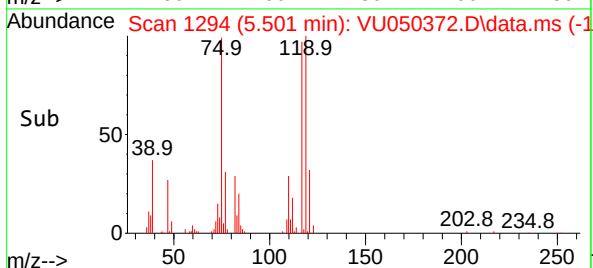
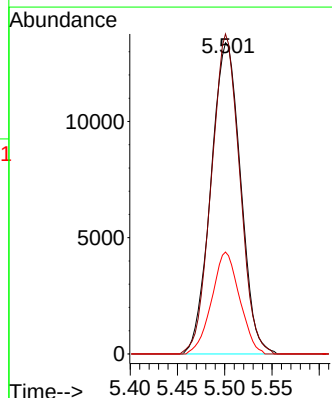
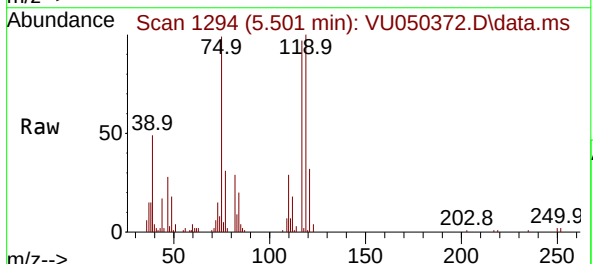
RT: 5.501 min Scan# 1294

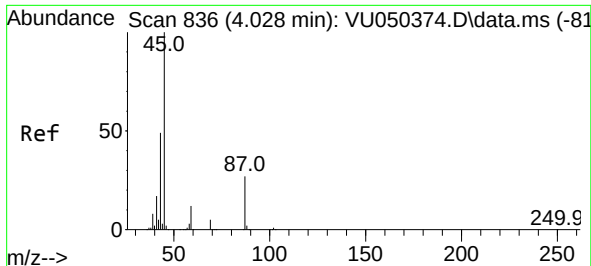
Delta R.T. 0.000 min

Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

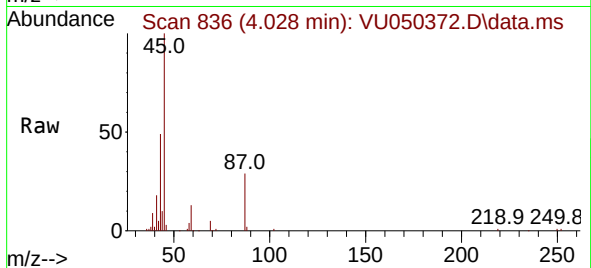
Tgt Ion:	117	Resp:	29224
Ion Ratio	Lower	Upper	
117	100		
119	102.8	74.6	112.0
121	32.7	24.2	36.4





#31
Isopropyl Ether
Concen: 2.067 ug/l
RT: 4.028 min Scan# 836
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

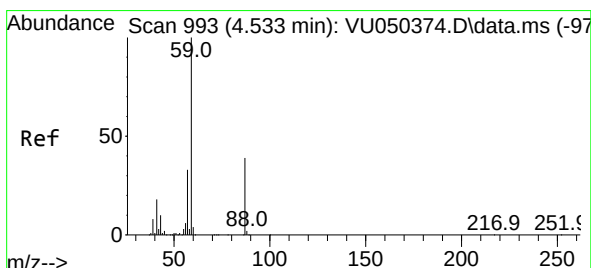
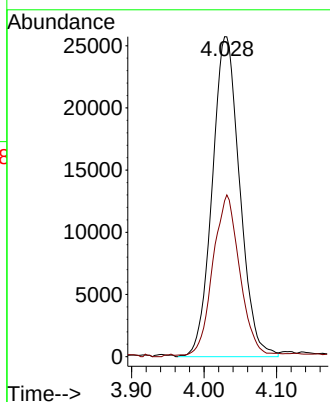
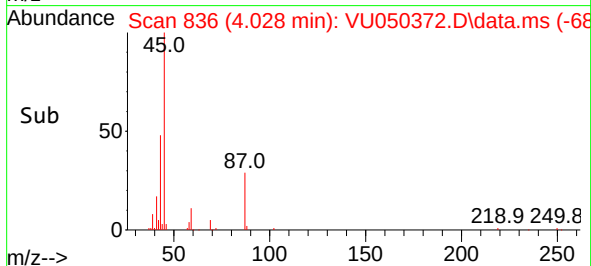
Instrument :
MSVOA_U
Client Sample Id :
VSTDIC002



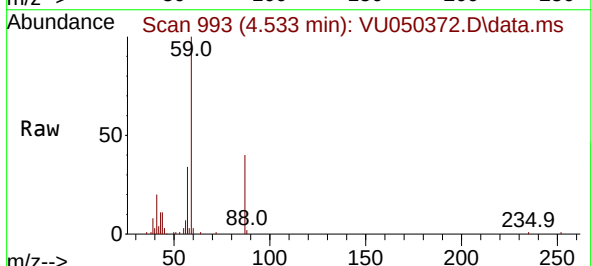
Tgt Ion: 45 Resp: 67754
Ion Ratio Lower Upper
45 100
43 48.7 23.8 71.2

Manual Integrations
APPROVED

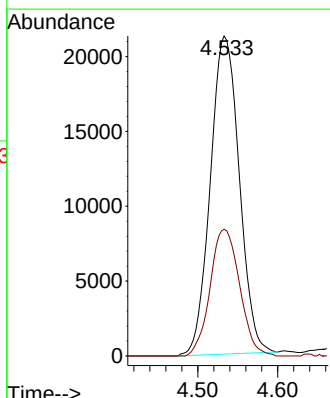
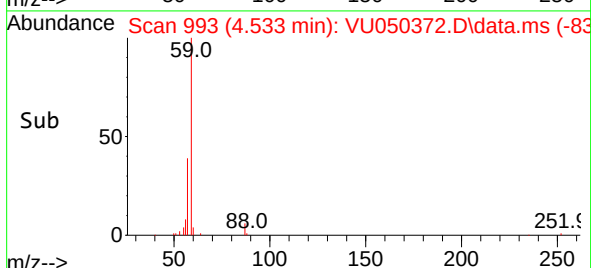
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

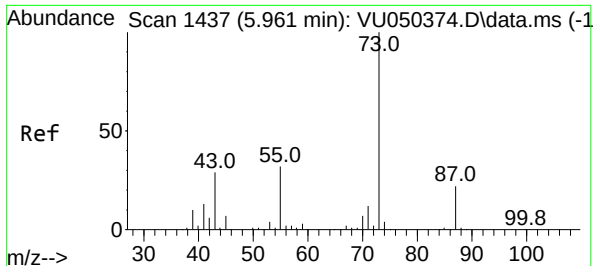


#32
Ethyl-t-butyl ether
Concen: 2.033 ug/l
RT: 4.533 min Scan# 993
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45



Tgt Ion: 59 Resp: 53440
Ion Ratio Lower Upper
59 100
87 40.6 32.5 48.7





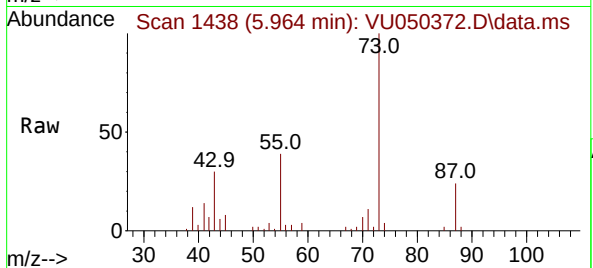
#33
Tert-Amyl methyl ether
Concen: 1.774 ug/l
RT: 5.964 min Scan# 1437
Delta R.T. 0.003 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

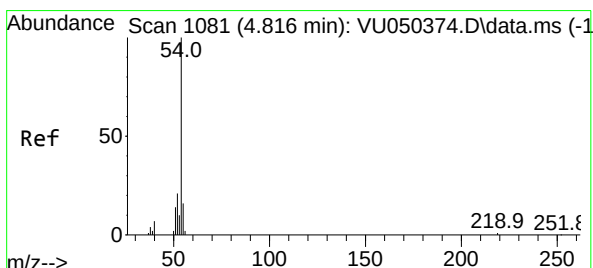
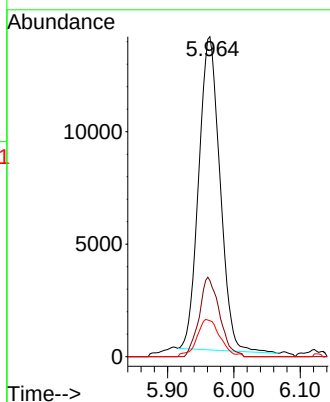
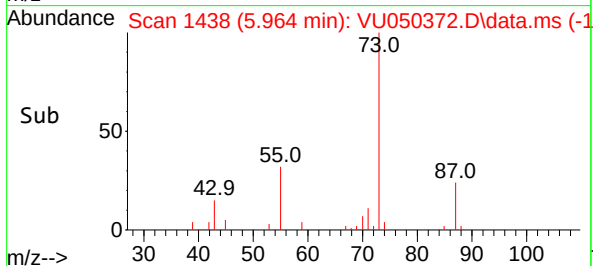


Tgt Ion: 73 Resp: 3096
Ion Ratio Lower Upper
73 100
87 24.3 19.7 29.5
71 11.8 9.0 13.4

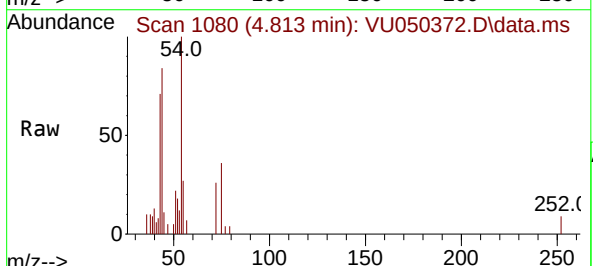
Manual Integrations

APPROVED

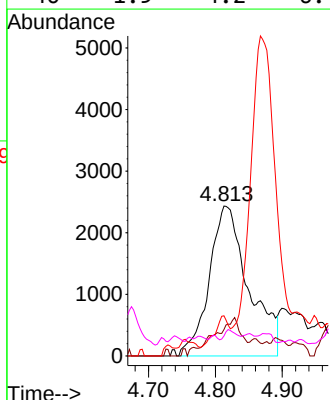
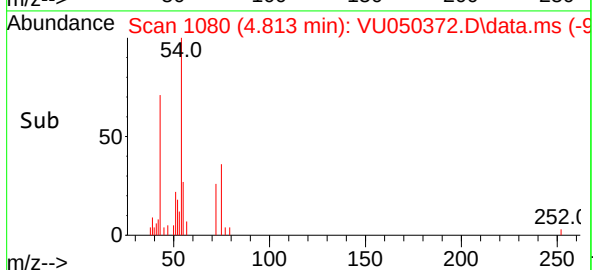
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

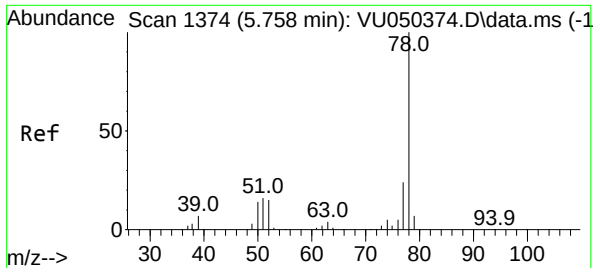


#34
Propionitrile
Concen: 8.388 ug/l m
RT: 4.813 min Scan# 1080
Delta R.T. -0.003 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45



Tgt Ion: 54 Resp: 9995
Ion Ratio Lower Upper
54 100
52 13.7 15.0 22.6#
55 7.3 12.6 19.0#
40 1.9 4.2 6.4#





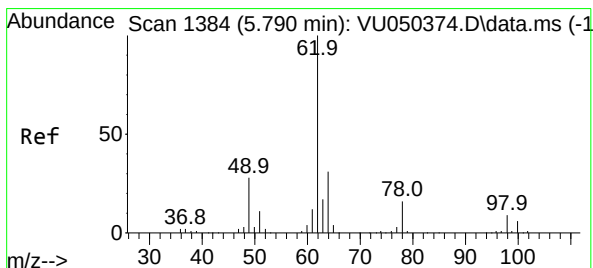
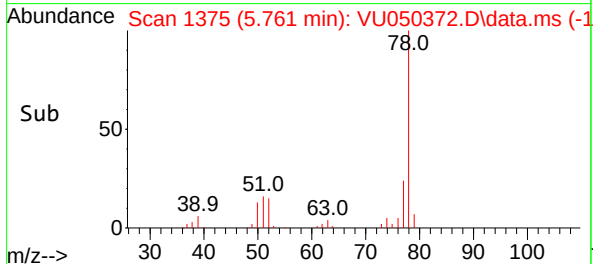
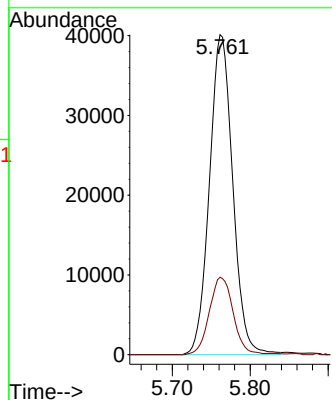
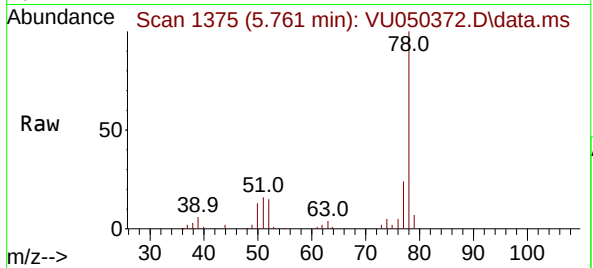
#35
Benzene
Concen: 2.018 ug/l
RT: 5.761 min Scan# 1375
Delta R.T. 0.003 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 78 Resp: 8347
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0

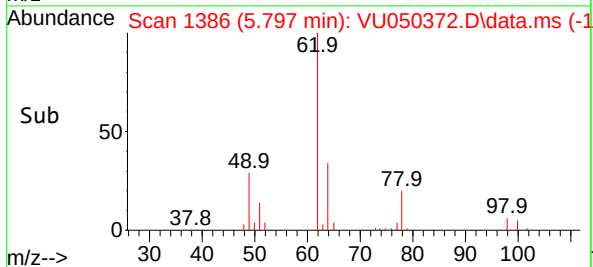
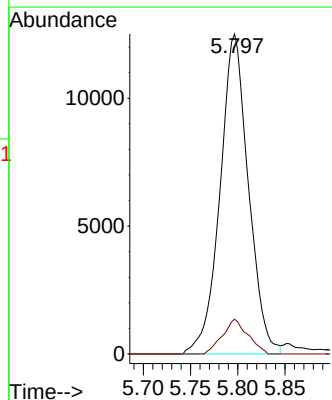
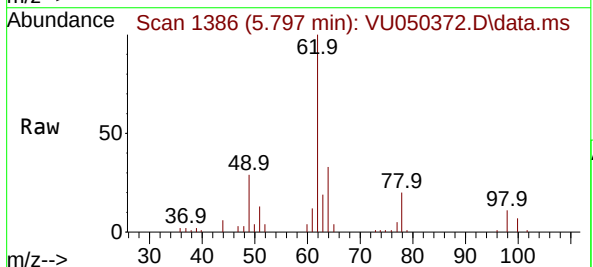
Manual Integrations
APPROVED

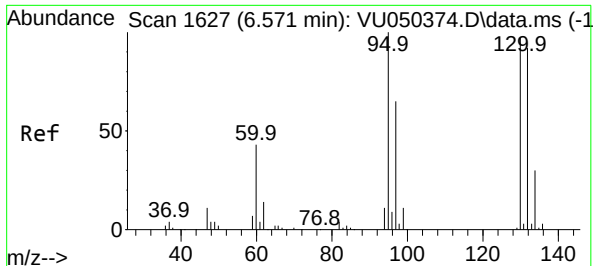
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#36
1,2-Dichloroethane
Concen: 2.020 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

Tgt Ion: 62 Resp: 26164
Ion Ratio Lower Upper
62 100
98 9.7 7.4 11.0





#37

Trichloroethene

Concen: 2.078 ug/l

RT: 6.584 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion:130 Resp: 20874

Ion Ratio Lower Upper

130 100

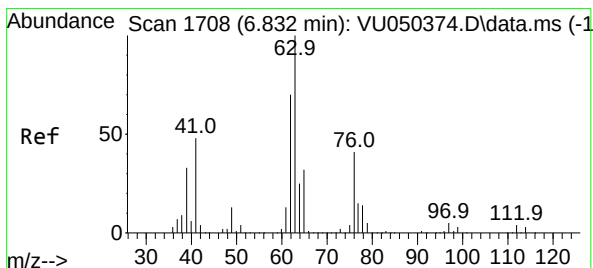
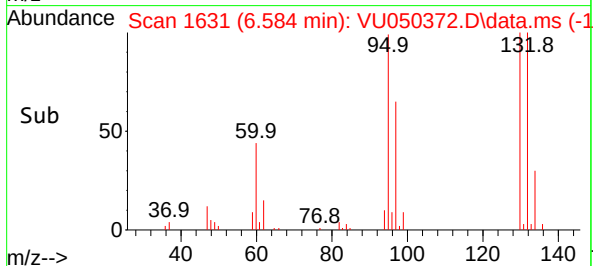
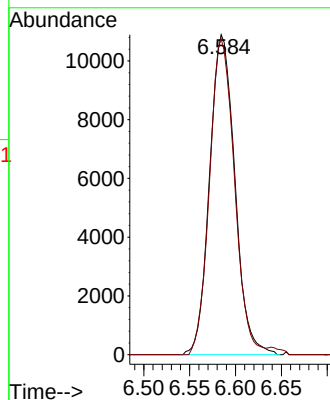
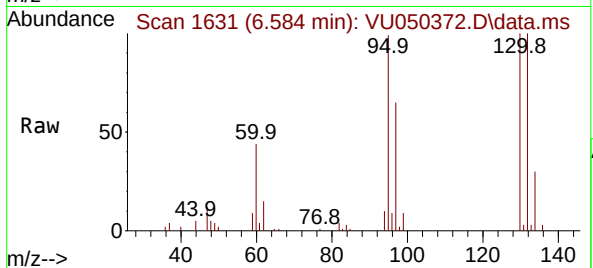
95 98.7 83.8 125.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#38

1,2-Dichloropropane

Concen: 2.049 ug/l

RT: 6.835 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VU050372.D

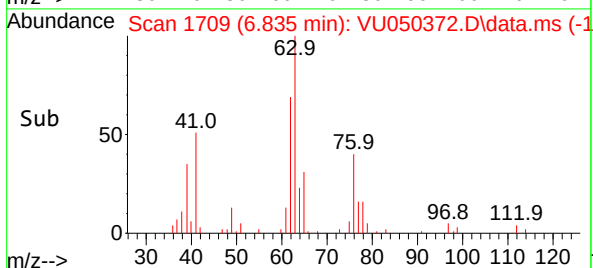
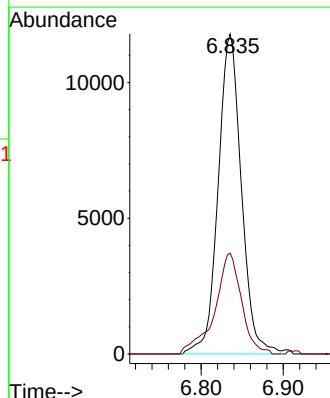
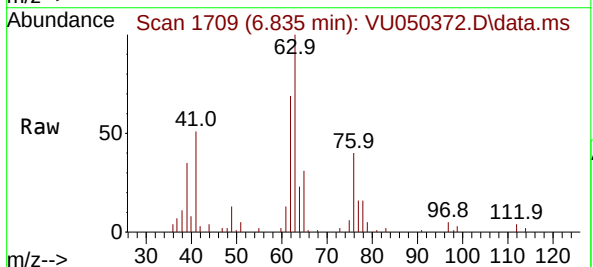
Acq: 19 Aug 2022 12:45

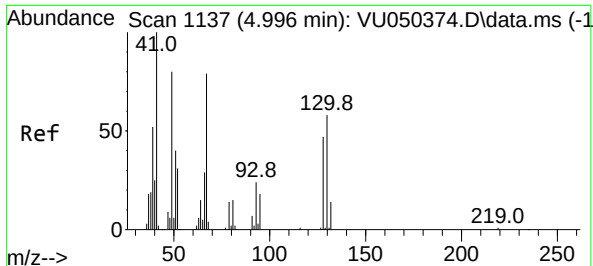
Tgt Ion: 63 Resp: 23175

Ion Ratio Lower Upper

63 100

65 31.5 25.0 37.4





#39

Methacrylonitrile

Concen: 2.090 ug/l

RT: 4.996 min Scan# 1137

Delta R.T. 0.000 min

Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

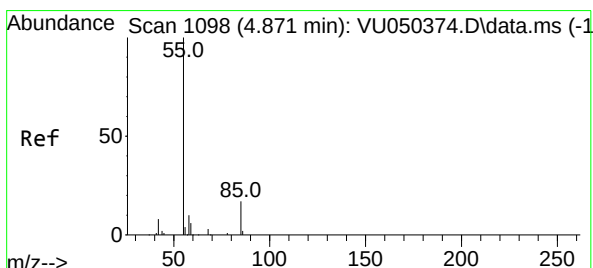
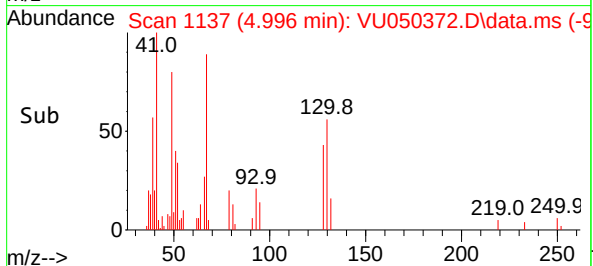
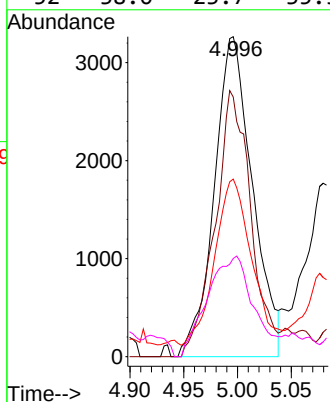
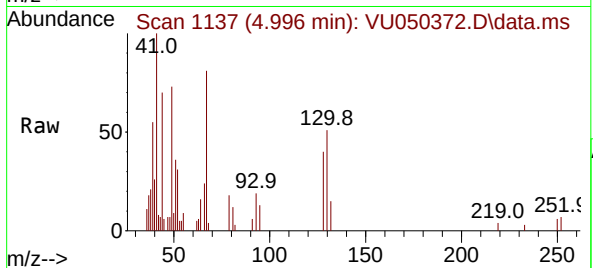
Tgt Ion:	41	Resp:	805
Ion Ratio	Lower	Upper	
41	100		
67	77.9	59.4	89.0
39	50.2	42.2	63.2
52	38.0	23.7	35.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#40

Methyl acrylate

Concen: 1.748 ug/l

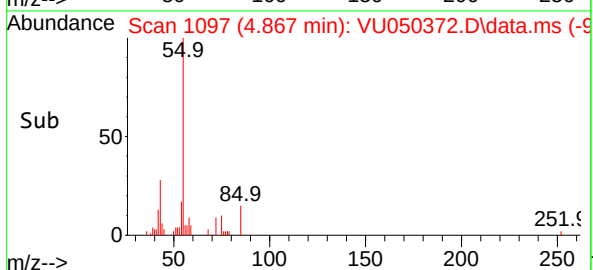
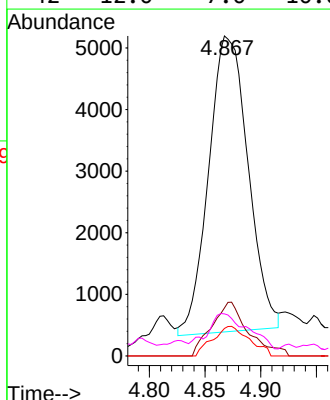
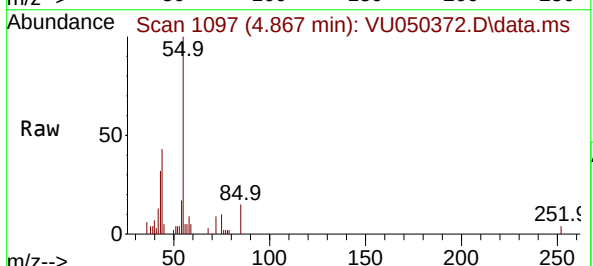
RT: 4.867 min Scan# 1097

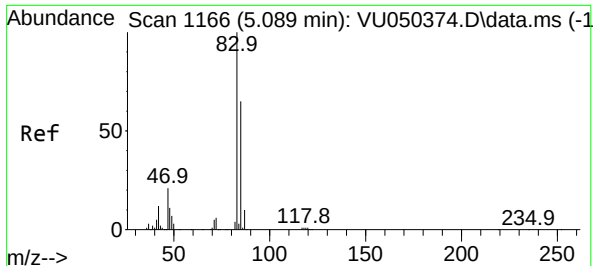
Delta R.T. -0.003 min

Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

Tgt Ion:	55	Resp:	11804
Ion Ratio	Lower	Upper	
55	100		
85	16.9	13.5	20.3
58	9.3	7.0	10.4
42	12.0	7.0	10.6





#41

Tetrahydrofuran

Concen: 3.898 ug/l m

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 42 Resp: 816

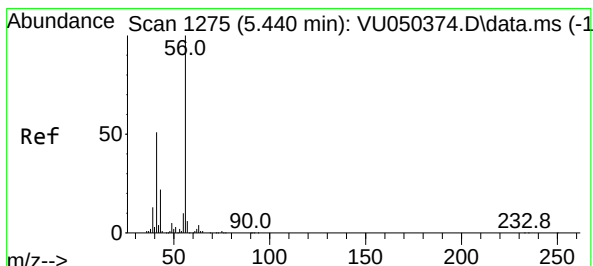
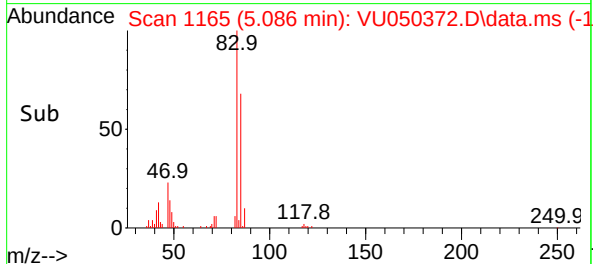
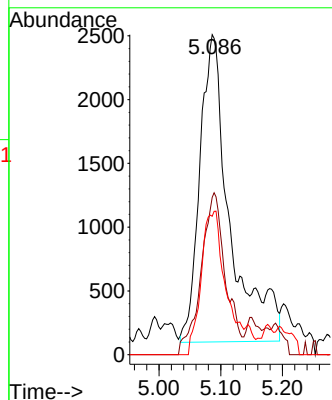
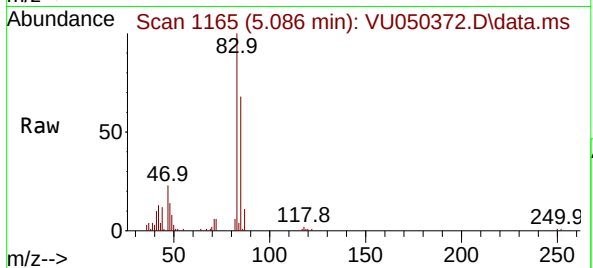
Ion	Ratio	Lower	Upper
42	100		
72	42.6	38.9	58.3
71	38.0	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#42

1-Chlorobutane

Concen: 2.291 ug/l

RT: 5.443 min Scan# 1276

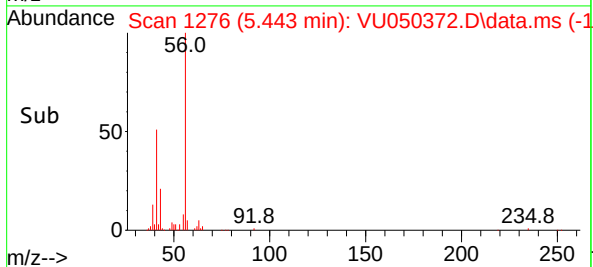
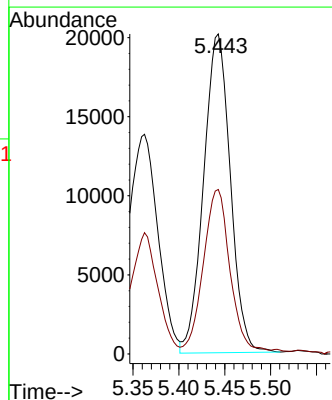
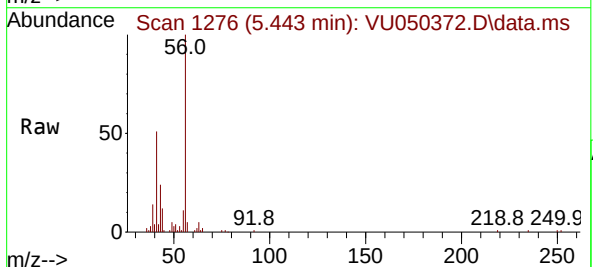
Delta R.T. 0.003 min

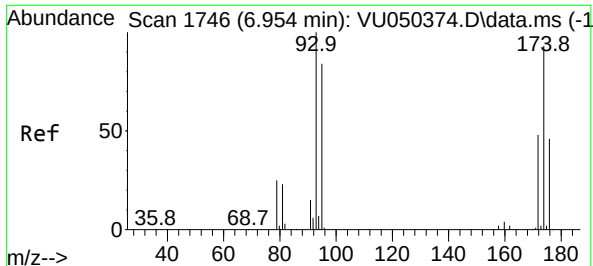
Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

Tgt Ion: 56 Resp: 40805

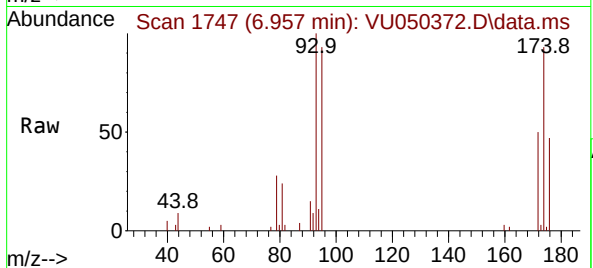
Ion	Ratio	Lower	Upper
56	100		
41	49.3	26.4	79.2





#43
Dibromomethane
Concen: 1.955 ug/l
RT: 6.957 min Scan# 1746
Delta R.T. 0.003 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

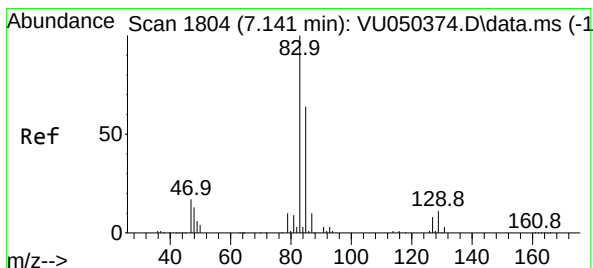
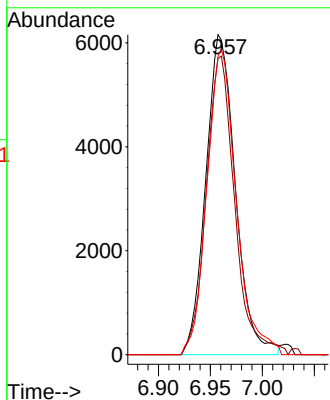
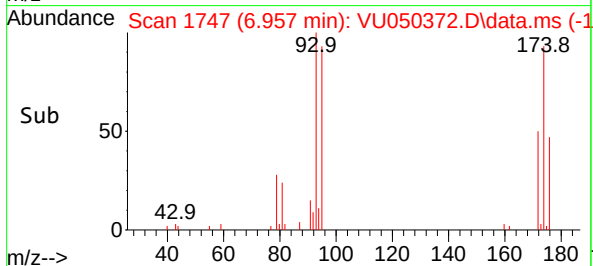
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



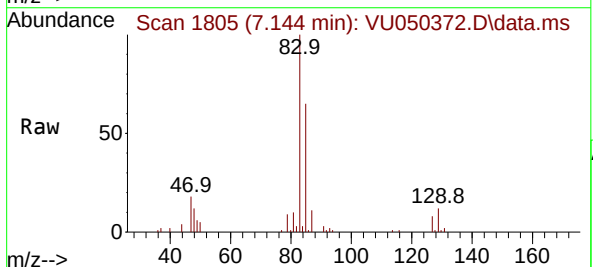
Tgt Ion: 93 Resp: 12198
Ion Ratio Lower Upper
93 100
95 89.9 65.0 97.6
174 94.6 76.3 114.5

Manual Integrations
APPROVED

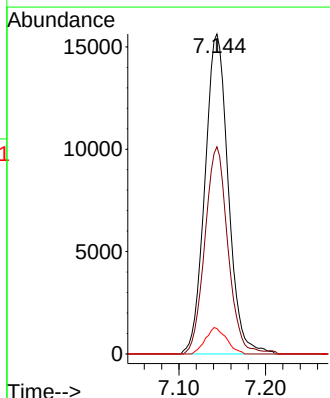
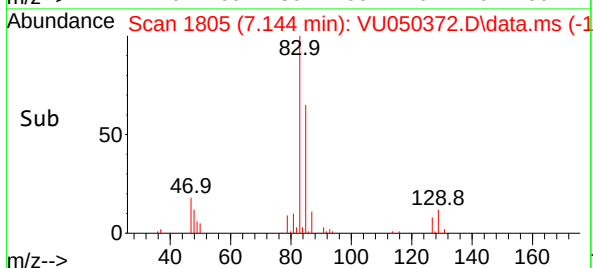
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

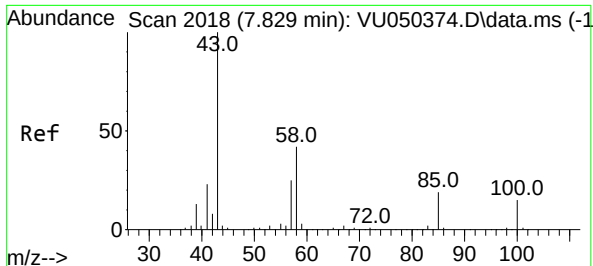


#44
Bromodichloromethane
Concen: 2.014 ug/l
RT: 7.144 min Scan# 1805
Delta R.T. 0.003 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45



Tgt Ion: 83 Resp: 29289
Ion Ratio Lower Upper
83 100
85 64.7 49.4 74.0
127 8.7 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 8.673 ug/l

RT: 7.832 min Scan# 2018

Delta R.T. 0.003 min

Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

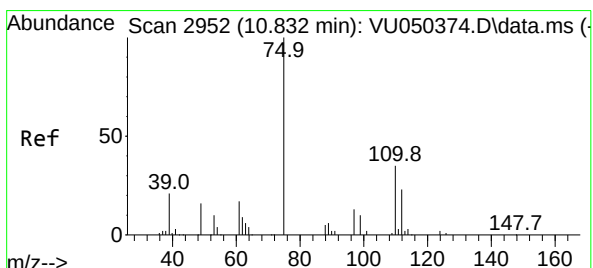
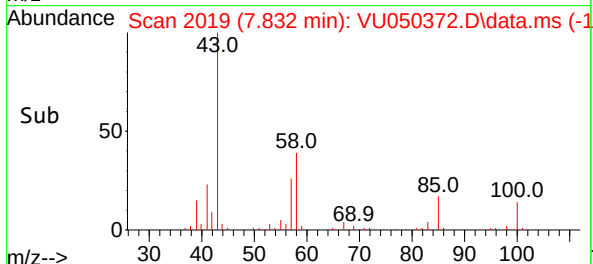
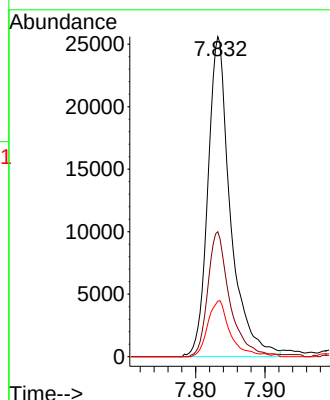
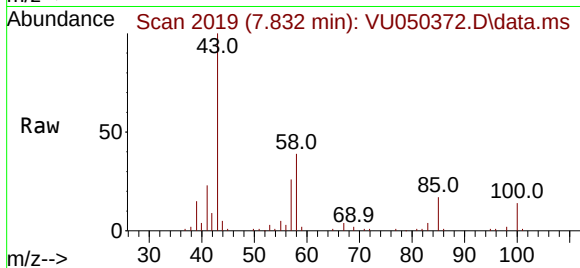
Tgt Ion:	43	Resp:	5782
Ion Ratio	Lower	Upper	
43	100		
58	38.3	20.3	61.0
85	17.1	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#46

t-1,4-Dichloro-2-butene

Concen: 5.415 ug/l m

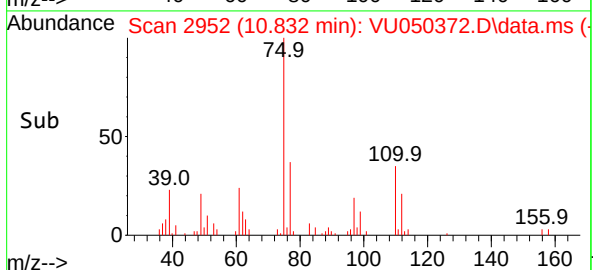
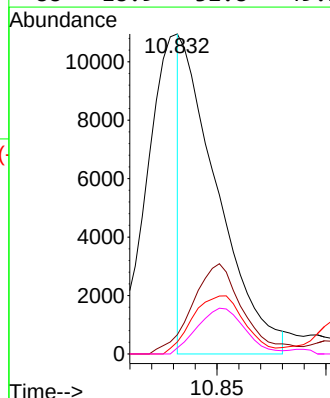
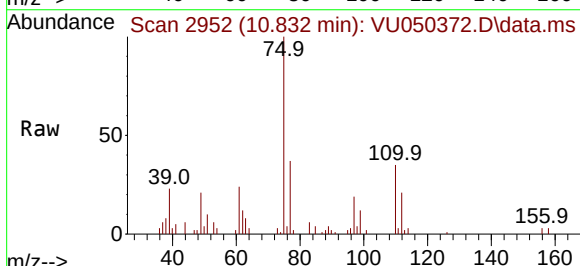
RT: 10.832 min Scan# 2952

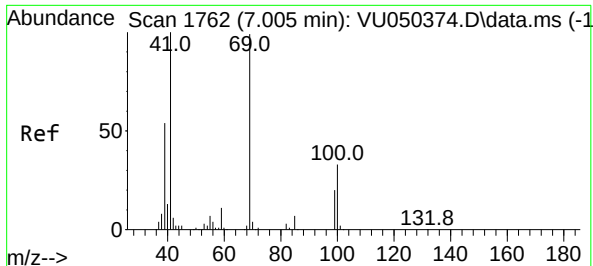
Delta R.T. 0.000 min

Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

Tgt Ion:	75	Resp:	12613
Ion Ratio	Lower	Upper	
75	100		
53	40.2	64.4	96.6#
89	26.4	44.2	66.2#
88	18.9	32.8	49.2#





#47

Methyl methacrylate

Concen: 3.439 ug/l

RT: 7.009 min Scan# 1763

Delta R.T. 0.003 min

Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 69 Resp: 17269

Ion Ratio Lower Upper

69 100 0.0 225.4

41 102.1 0.0 225.4

39 54.3 45.8 68.8

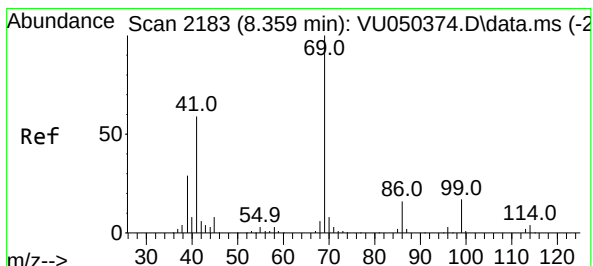
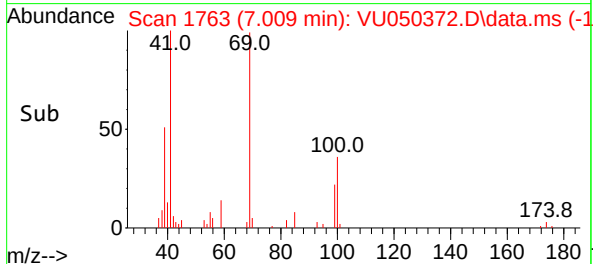
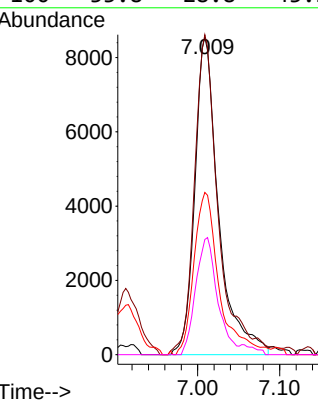
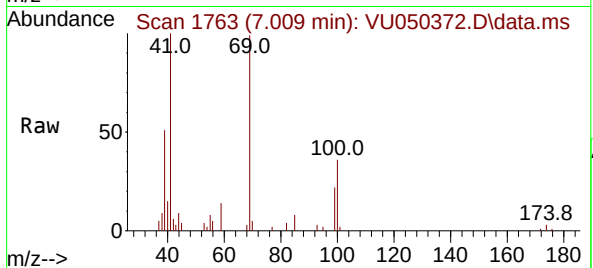
100 33.8 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#48

Ethyl methacrylate

Concen: 1.667 ug/l

RT: 8.359 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VU050372.D

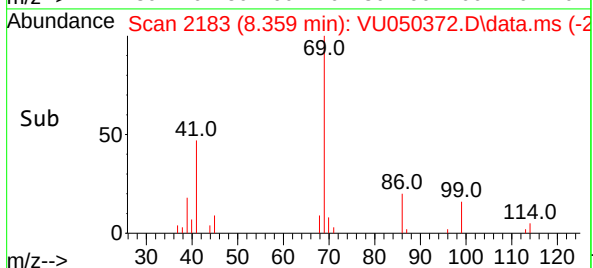
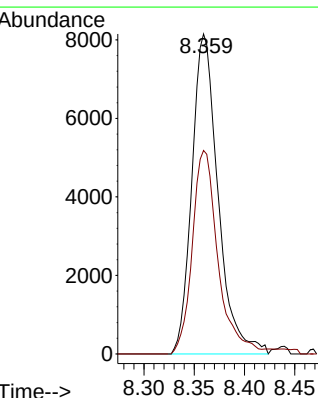
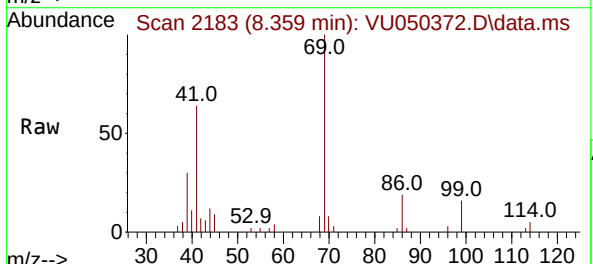
Acq: 19 Aug 2022 12:45

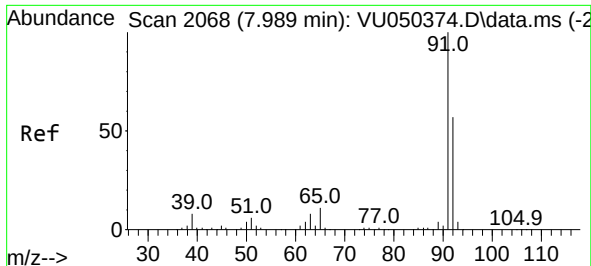
Tgt Ion: 69 Resp: 14729

Ion Ratio Lower Upper

69 100 32.3 96.9

41 62.4 32.3 96.9





#49

Toluene

Concen: 1.867 ug/l

RT: 7.993 min Scan# 2068

Delta R.T. 0.003 min

Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 92 Resp: 4283

Ion Ratio Lower Upper

92 100

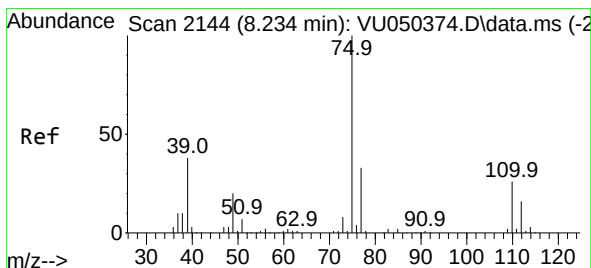
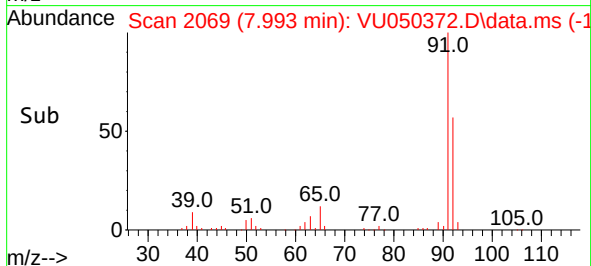
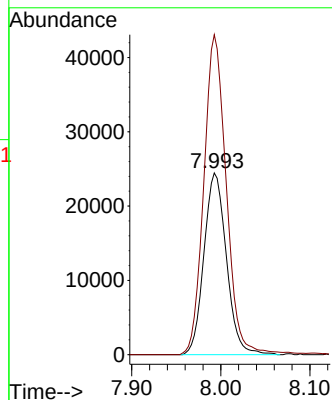
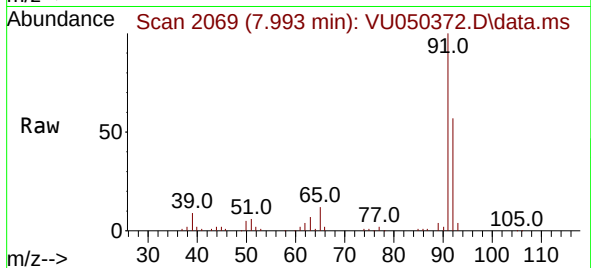
91 175.5 138.6 207.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#50

t-1,3-Dichloropropene

Concen: 1.819 ug/l

RT: 8.234 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VU050372.D

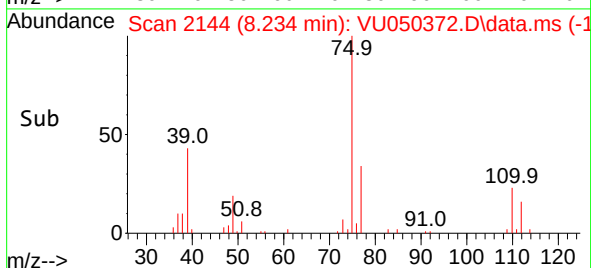
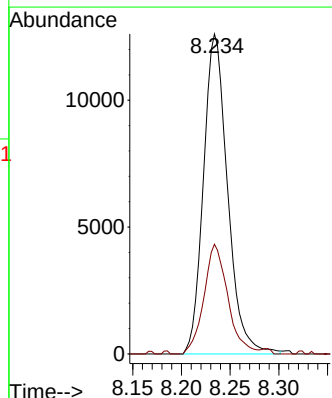
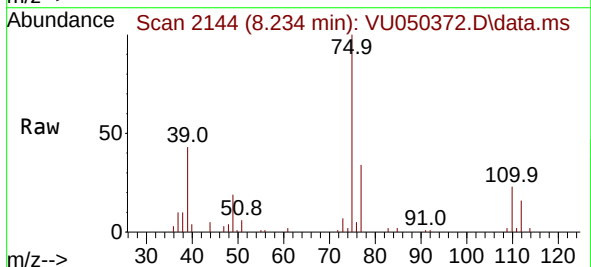
Acq: 19 Aug 2022 12:45

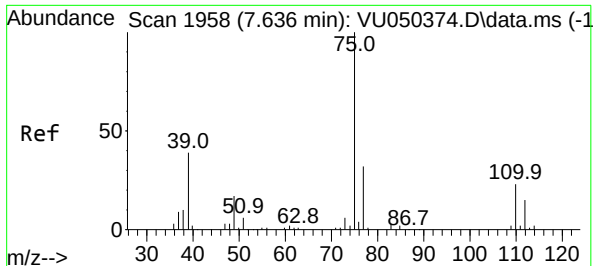
Tgt Ion: 75 Resp: 21705

Ion Ratio Lower Upper

75 100

77 34.3 24.7 37.1





#51

cis-1,3-Dichloropropene

Concen: 1.834 ug/l

RT: 7.639 min Scan# 1958

Delta R.T. 0.003 min

Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

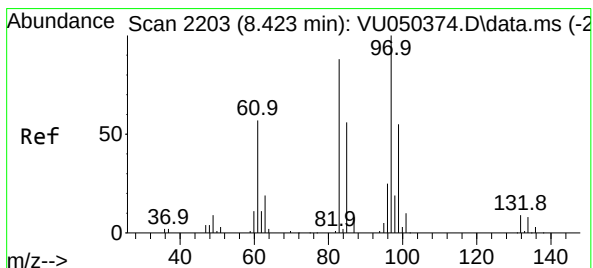
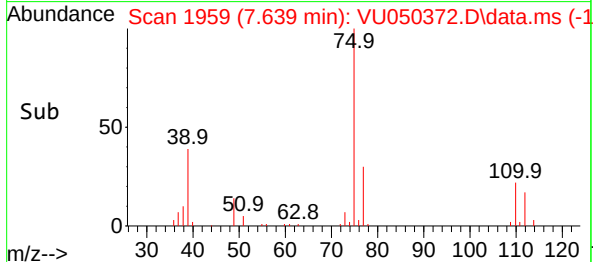
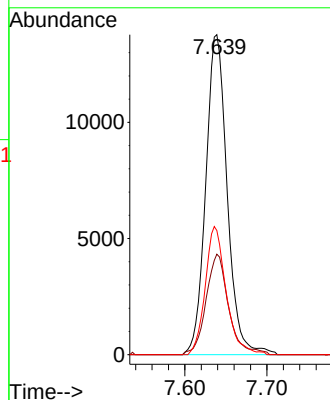
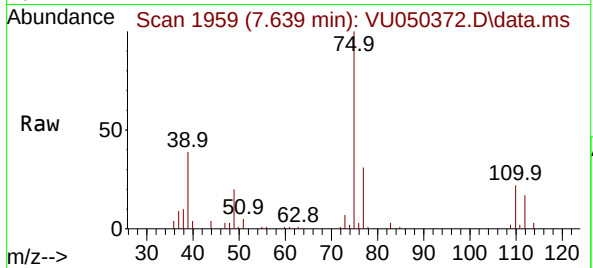
Tgt Ion: 75	Resp: 25024
Ion Ratio	Lower Upper
75 100	
77 31.4	25.4 38.0
39 38.8	35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#52

1,1,2-Trichloroethane

Concen: 1.918 ug/l

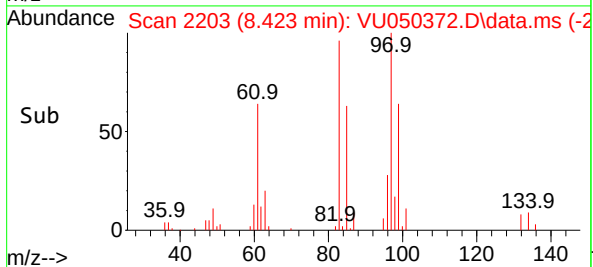
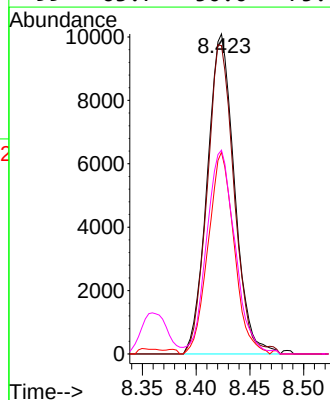
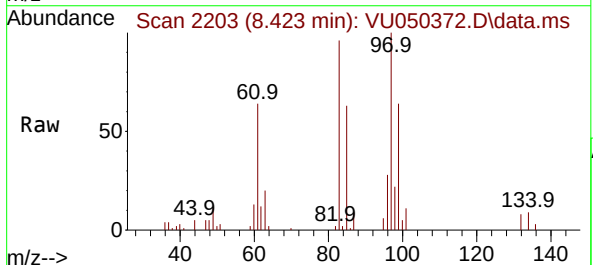
RT: 8.423 min Scan# 2203

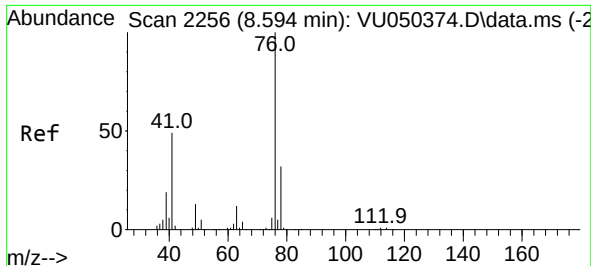
Delta R.T. 0.000 min

Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

Tgt Ion: 97	Resp: 17836
Ion Ratio	Lower Upper
97 100	
83 96.4	70.6 106.0
85 63.1	46.2 69.4
99 63.7	50.0 75.0





#53

1,3-Dichloropropane

Concen: 1.928 ug/l

RT: 8.597 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 76 Resp: 27960

Ion Ratio Lower Upper

76 100

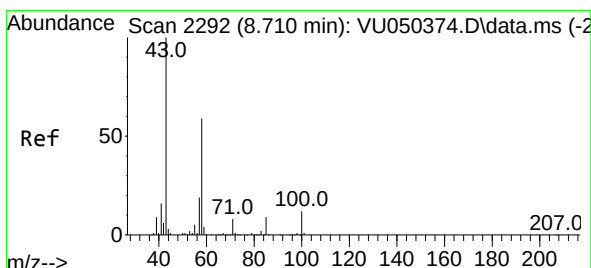
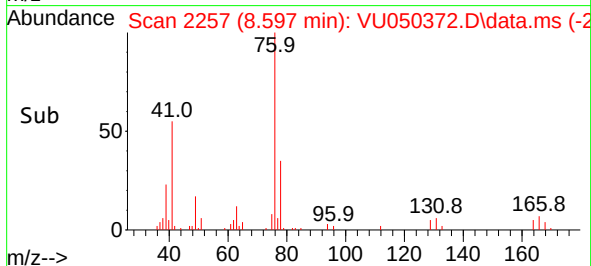
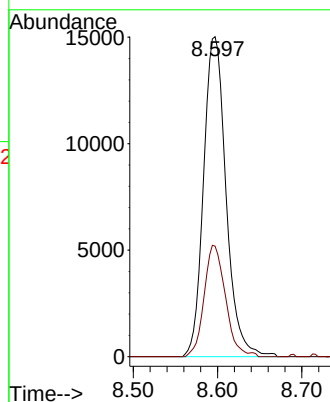
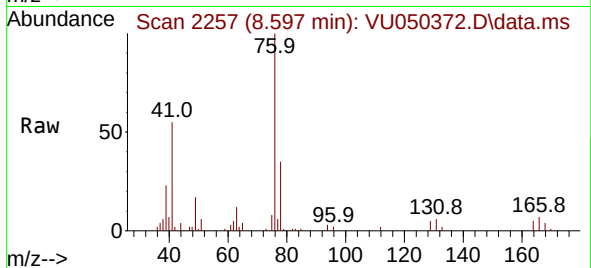
78 33.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#54

2-Hexanone

Concen: 8.570 ug/l

RT: 8.713 min Scan# 2293

Delta R.T. 0.003 min

Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

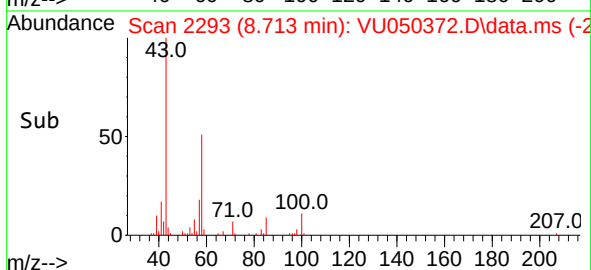
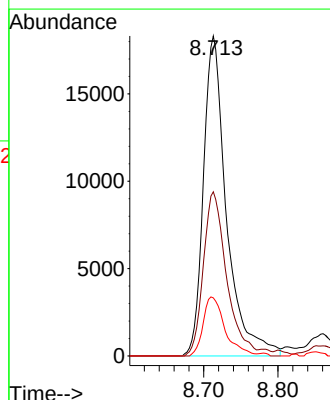
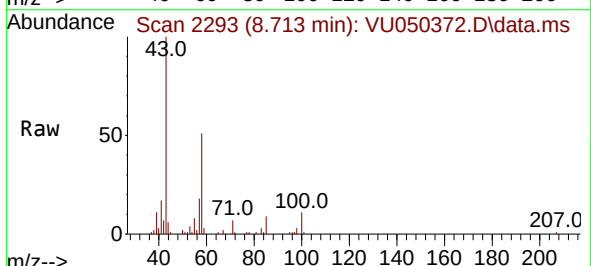
Tgt Ion: 43 Resp: 39594

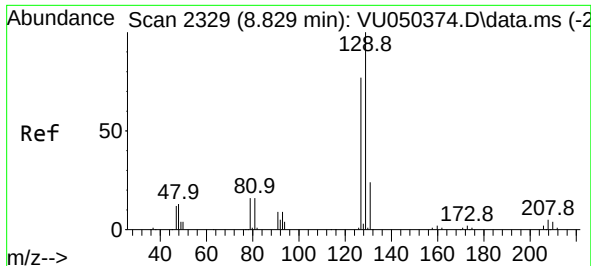
Ion Ratio Lower Upper

43 100

58 51.5 37.1 77.1

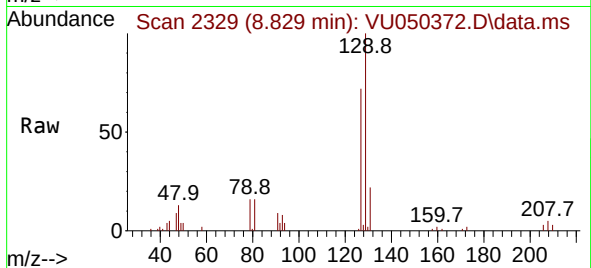
57 17.5 0.0 39.5





#55
Dibromochloromethane
Concen: 1.972 ug/l
RT: 8.829 min Scan# 2329
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

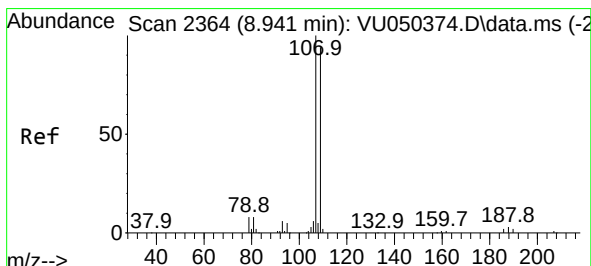
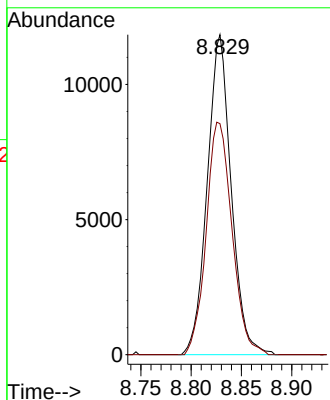
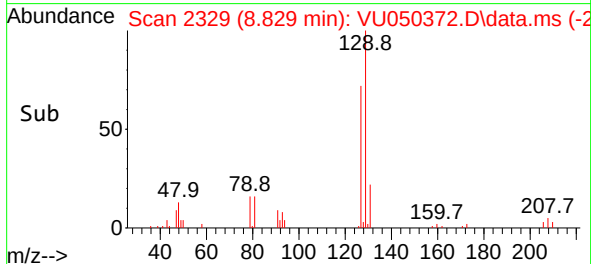
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion:129 Resp: 19650
Ion Ratio Lower Upper
129 100
127 78.2 61.2 91.8

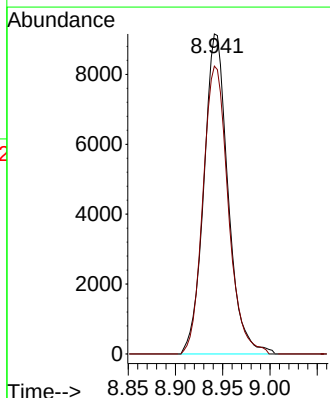
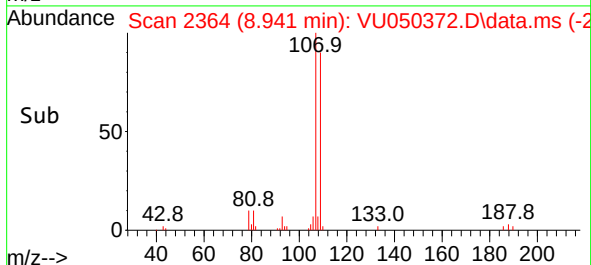
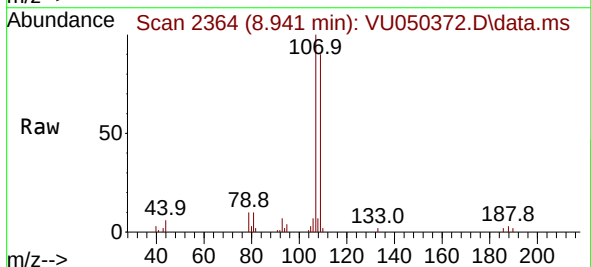
Manual Integrations
APPROVED

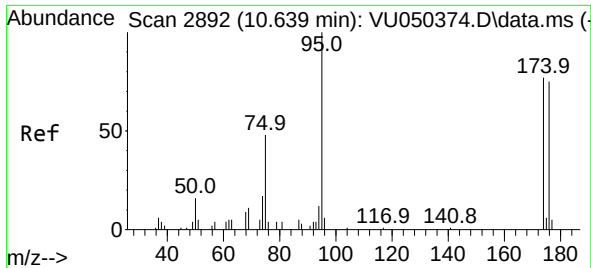
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#56
1,2-Dibromoethane
Concen: 1.998 ug/l
RT: 8.941 min Scan# 2364
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

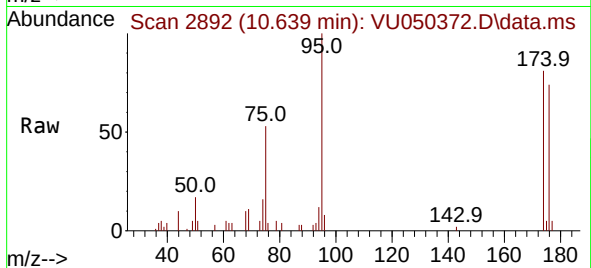
Tgt Ion:107 Resp: 16287
Ion Ratio Lower Upper
107 100
109 93.9 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 0.948 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

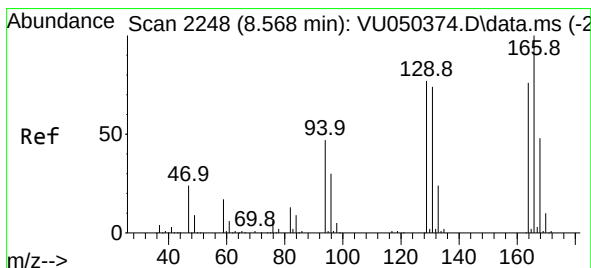
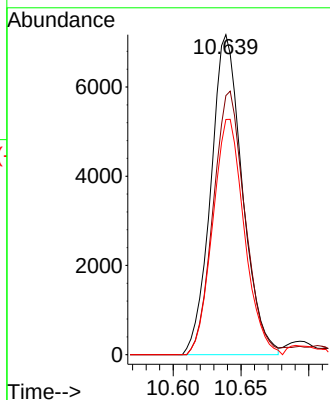
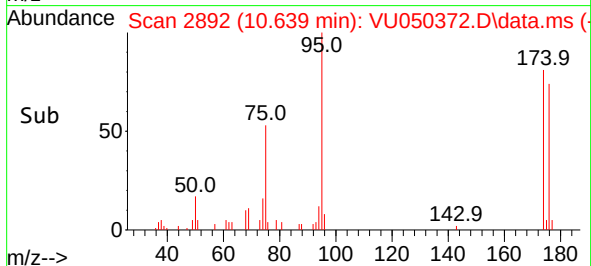
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



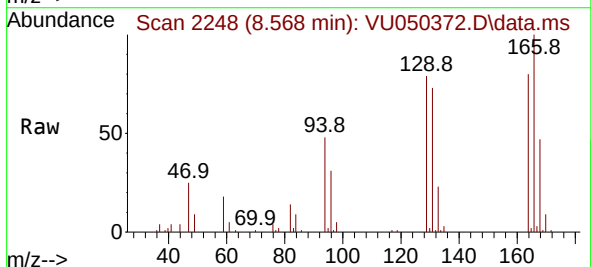
Tgt Ion: 95 Resp: 11602
Ion Ratio Lower Upper
95 100
174 83.0 62.4 93.6
176 73.8 56.2 84.2

Manual Integrations
APPROVED

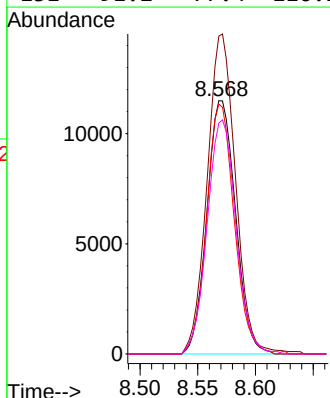
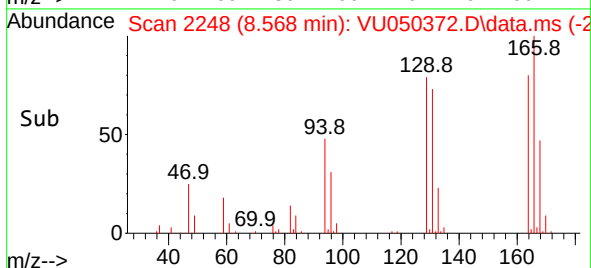
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

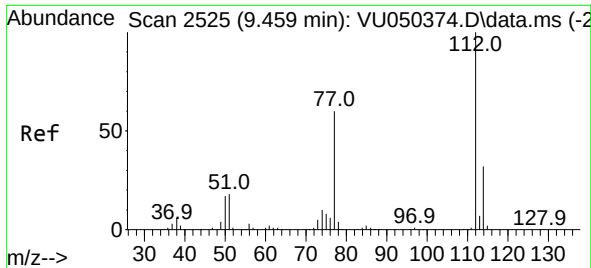


#58
Tetrachloroethene
Concen: 2.111 ug/l
RT: 8.568 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45



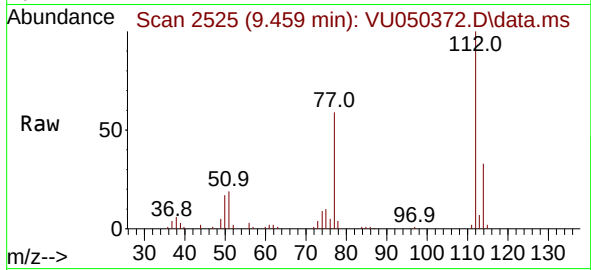
Tgt Ion:164 Resp: 19827
Ion Ratio Lower Upper
164 100
166 125.5 102.4 153.6
129 98.6 79.5 119.3
131 91.2 77.4 116.2





#59
Chlorobenzene
Concen: 1.943 ug/l
RT: 9.459 min Scan# 2525
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

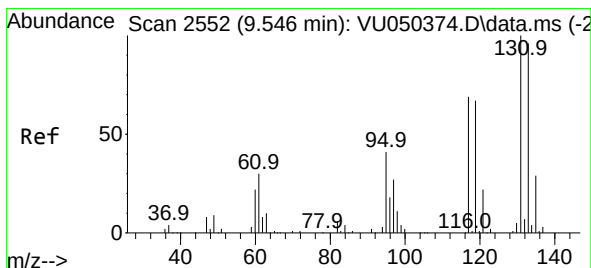
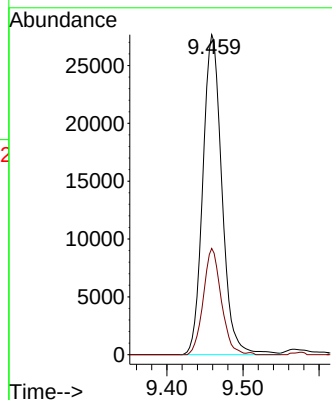
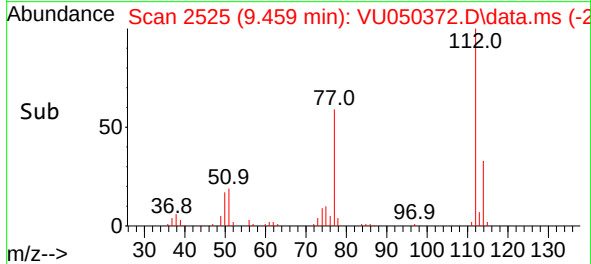
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



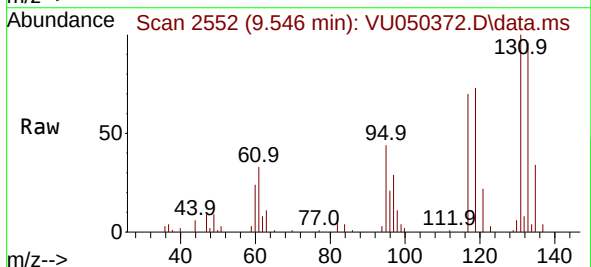
Tgt Ion:112 Resp: 48240
Ion Ratio Lower Upper
112 100
114 33.2 24.9 37.3

Manual Integrations
APPROVED

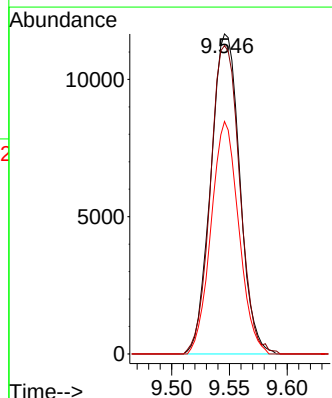
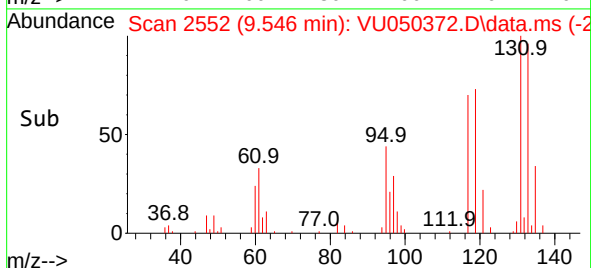
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

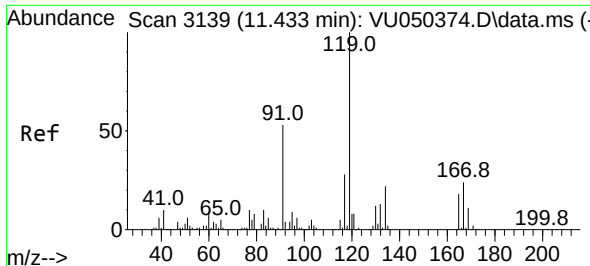


#60
1,1,1,2-Tetrachloroethane
Concen: 1.974 ug/l
RT: 9.546 min Scan# 2552
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45



Tgt Ion:131 Resp: 20277
Ion Ratio Lower Upper
131 100
133 97.7 78.3 117.5
119 69.5 53.2 79.8





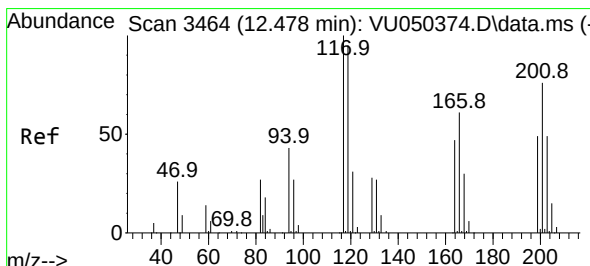
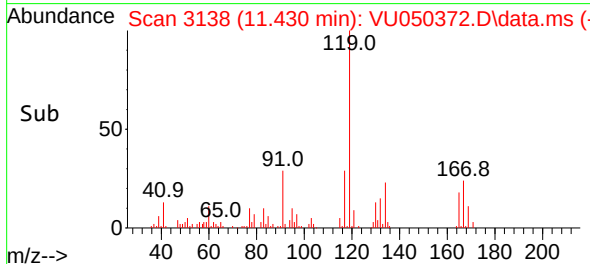
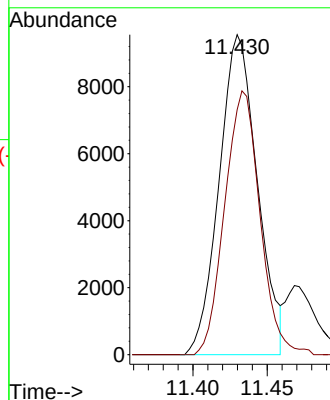
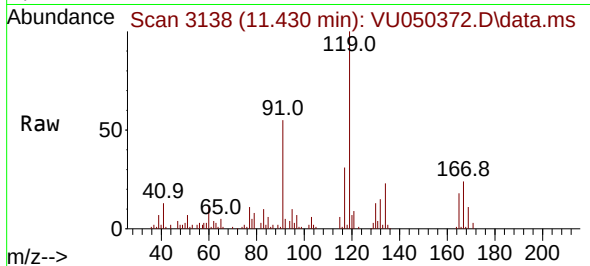
#61
Pentachloroethane
Concen: 2.011 ug/l
RT: 11.430 min Scan# 3139
Delta R.T. -0.003 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:117 Resp: 1707
Ion Ratio Lower Upper
117 100
167 76.1 66.2 99.4

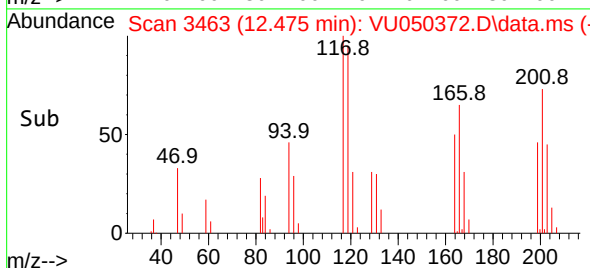
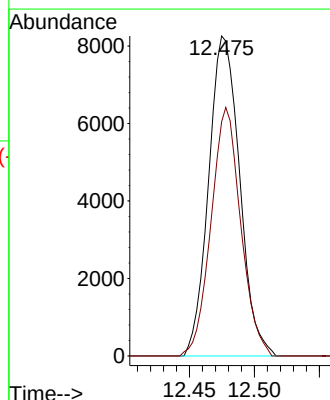
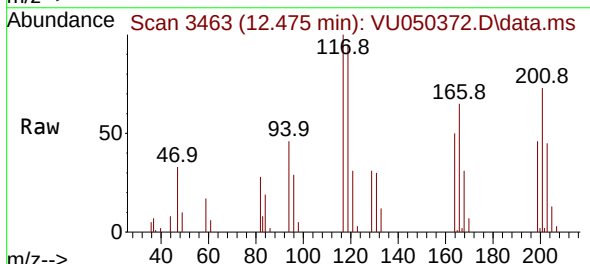
Manual Integrations
APPROVED

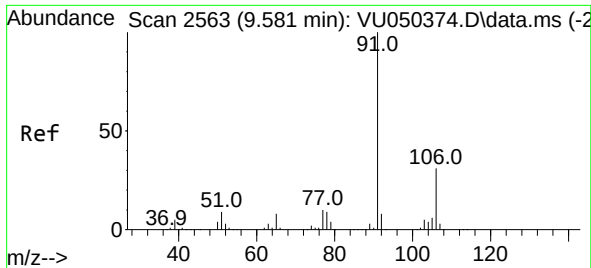
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#62
Hexachloroethane
Concen: 2.048 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

Tgt Ion:117 Resp: 13685
Ion Ratio Lower Upper
117 100
201 74.4 61.0 91.4





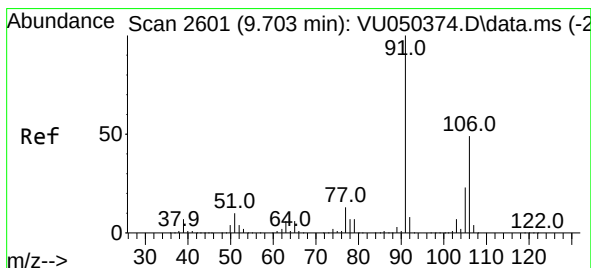
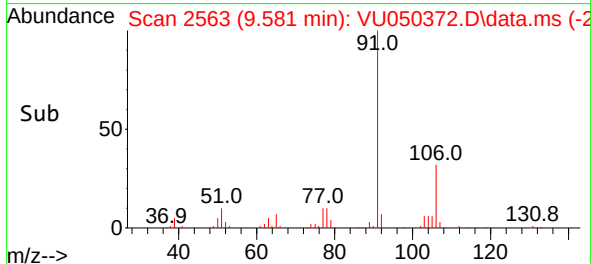
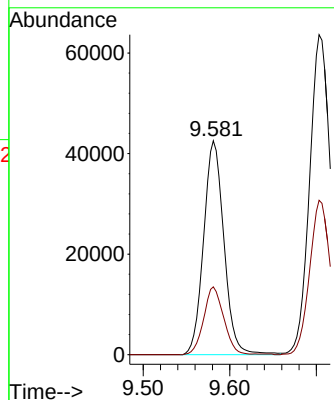
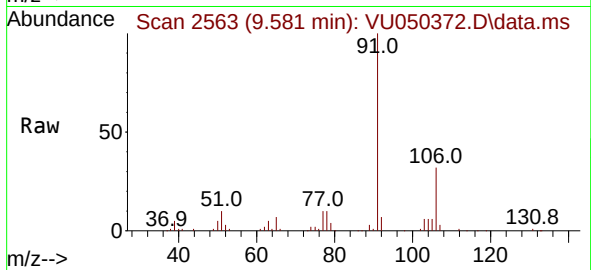
#63
Ethyl Benzene
Concen: 1.774 ug/l
RT: 9.581 min Scan# 2563
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 69415
Ion Ratio Lower Upper
91 100
106 31.7 24.4 36.6

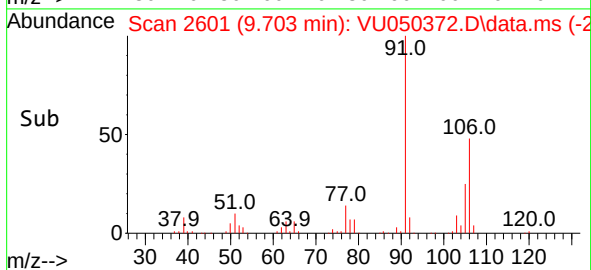
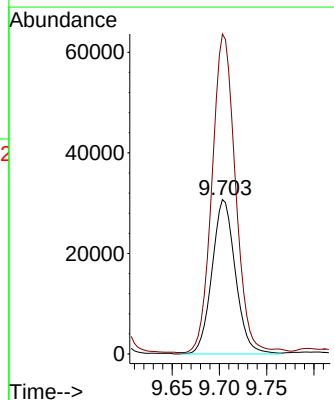
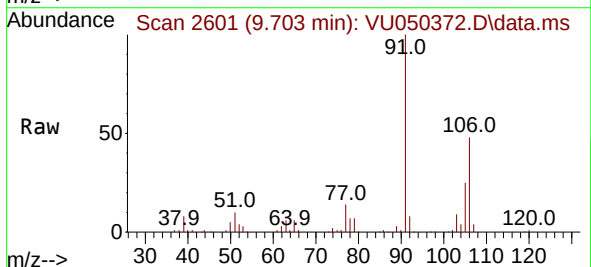
Manual Integrations
APPROVED

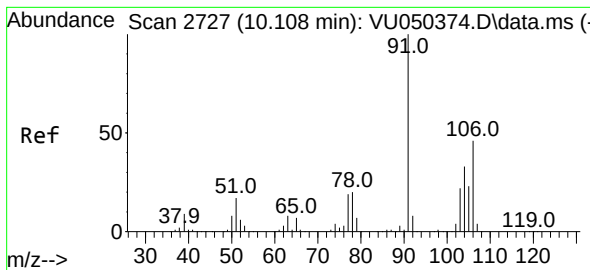
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#64
m/p-Xylenes
Concen: 3.472 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

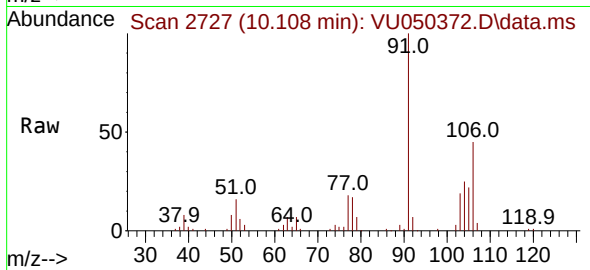
Tgt Ion:106 Resp: 52850
Ion Ratio Lower Upper
106 100
91 205.6 167.8 251.6





#65
o-Xylene
Concen: 1.823 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

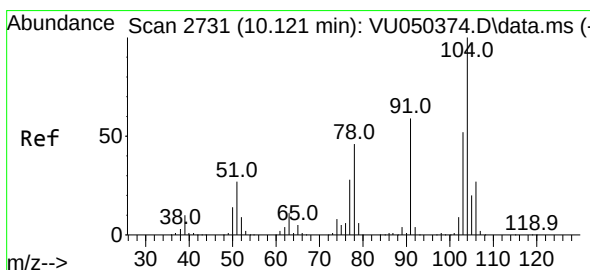
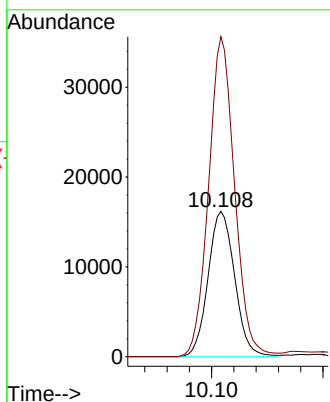
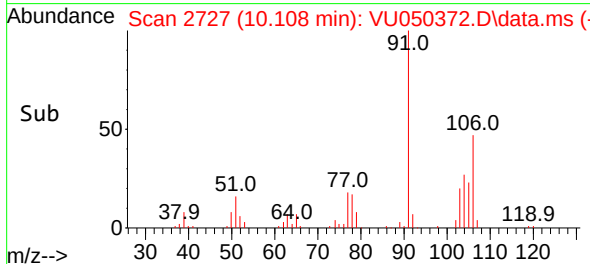
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



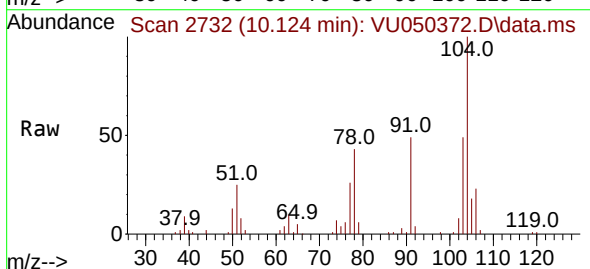
Tgt Ion:106 Resp: 26829
Ion Ratio Lower Upper
106 100
91 215.4 111.1 333.2

Manual Integrations
APPROVED

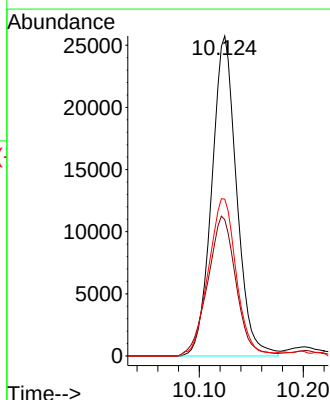
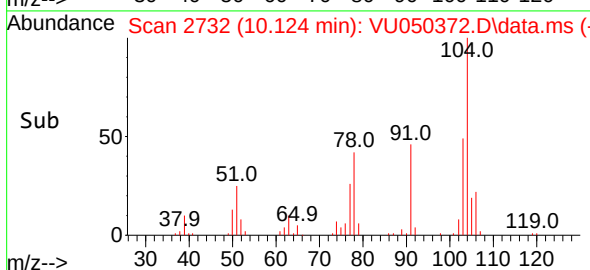
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

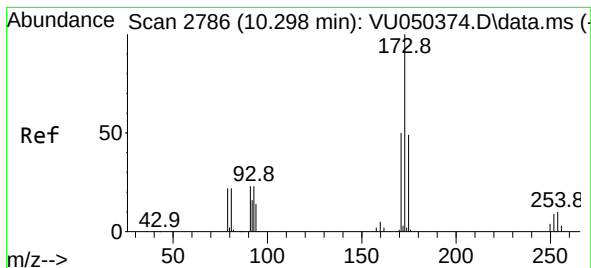


#66
Styrene
Concen: 1.765 ug/l
RT: 10.124 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45



Tgt Ion:104 Resp: 42845
Ion Ratio Lower Upper
104 100
78 49.6 42.1 63.1
103 55.2 44.5 66.7





#67

Bromoform

Concen: 1.989 ug/l

RT: 10.298 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

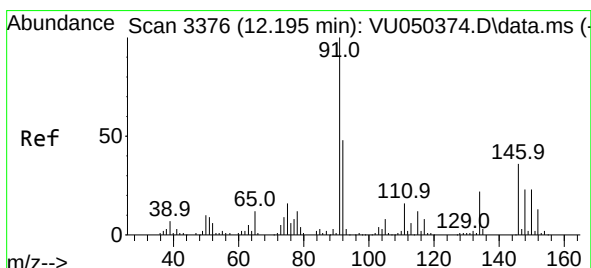
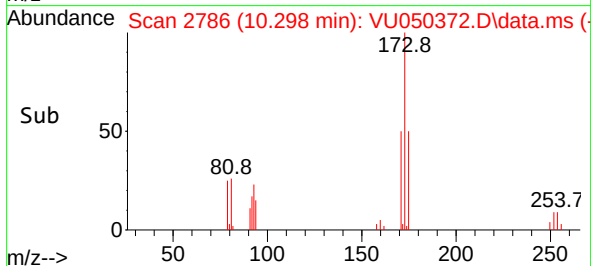
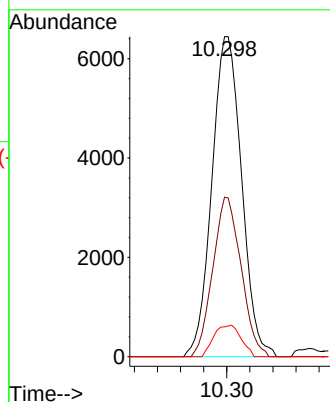
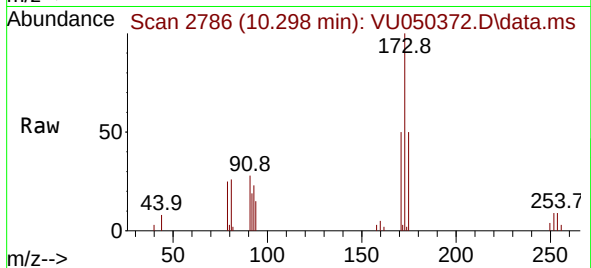
Tgt Ion:	173	Resp:	1150
Ion Ratio	Lower	Upper	
173	100		
175	47.4	38.4	57.6
254	9.0	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#68

1,2-Dichlorobenzene-d4

Concen: 1.072 ug/l

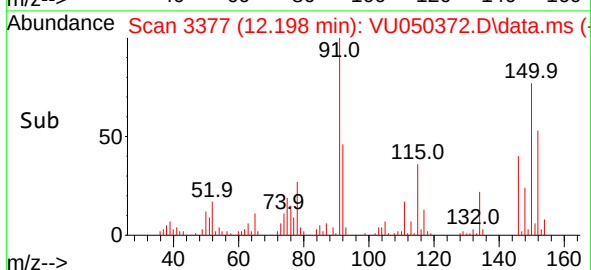
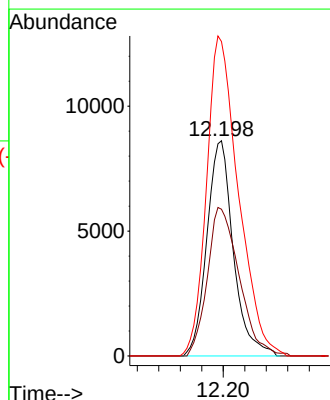
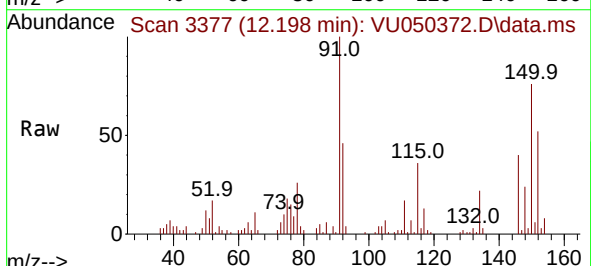
RT: 12.198 min Scan# 3377

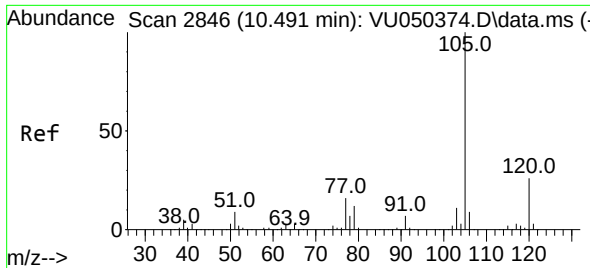
Delta R.T. 0.003 min

Lab File: VU050372.D

Acq: 19 Aug 2022 12:45

Tgt Ion:	152	Resp:	14726
Ion Ratio	Lower	Upper	
152	100		
115	83.0	0.0	254.6
150	178.8	0.0	623.6





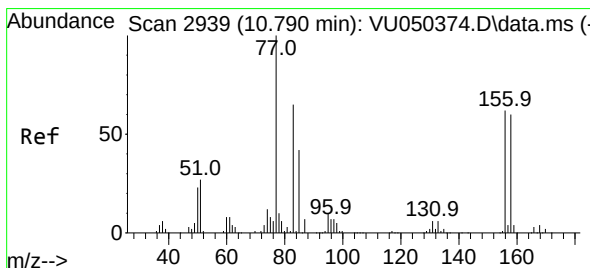
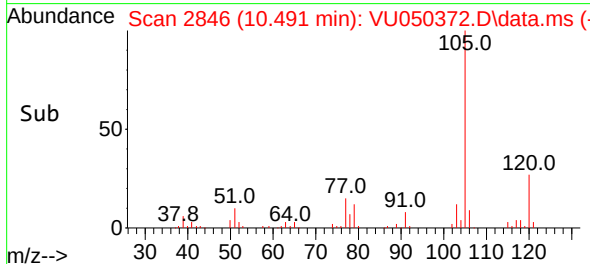
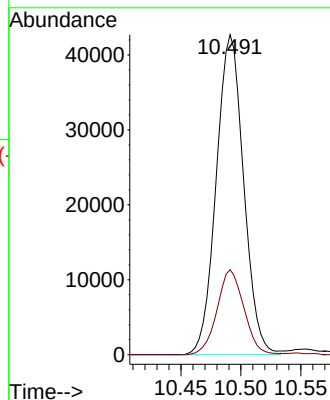
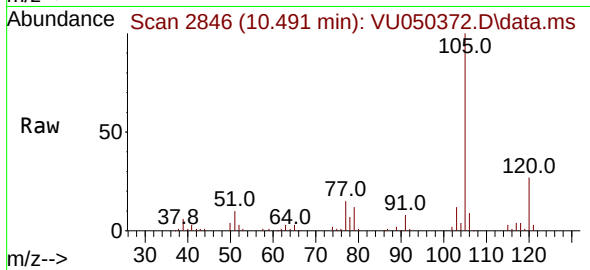
#69
Isopropylbenzene
Concen: 1.798 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:105 Resp: 67740
Ion Ratio Lower Upper
105 100
120 26.0 12.6 37.8

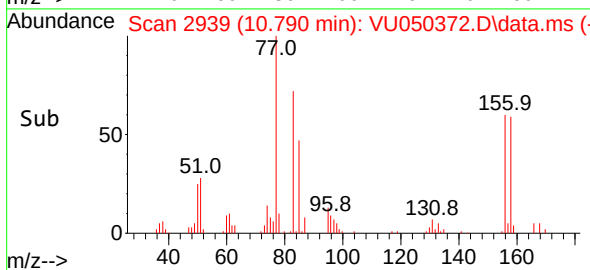
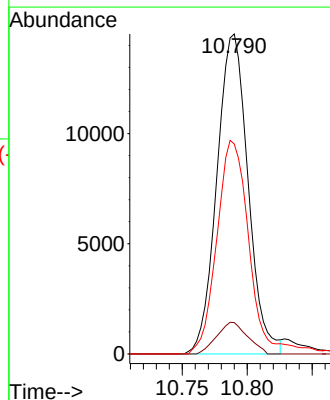
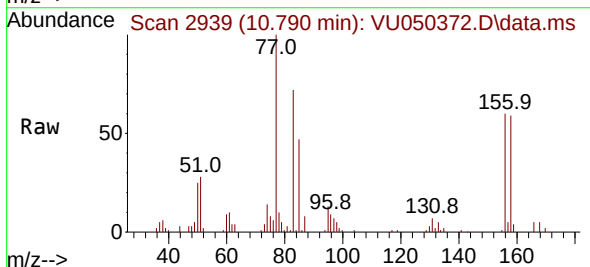
Manual Integrations
APPROVED

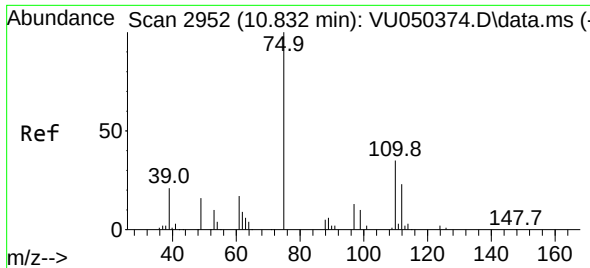
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 1.911 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

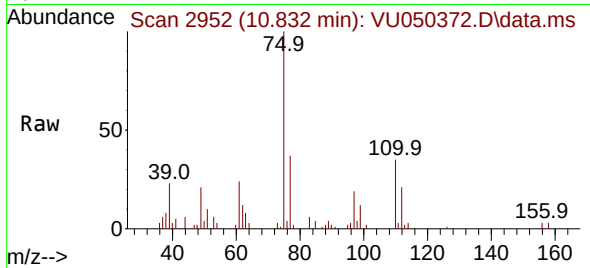
Tgt Ion: 83 Resp: 24222
Ion Ratio Lower Upper
83 100
131 9.7 7.7 11.5
85 69.6 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 2.021 ug/l m
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

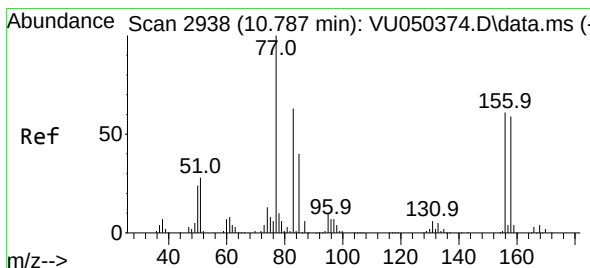
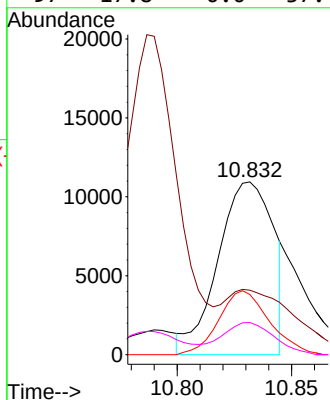
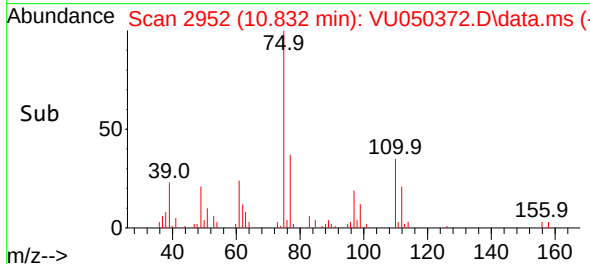
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



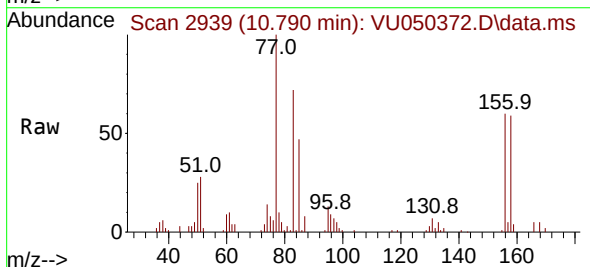
Tgt Ion: 75 Resp: 1838
Ion Ratio Lower Upper
75 100
77 46.1 0.0 112.4
110 33.9 0.0 70.6
97 17.8 0.0 37.4

Manual Integrations
APPROVED

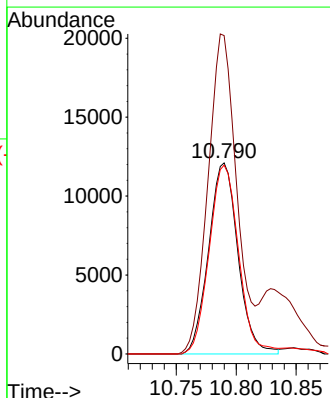
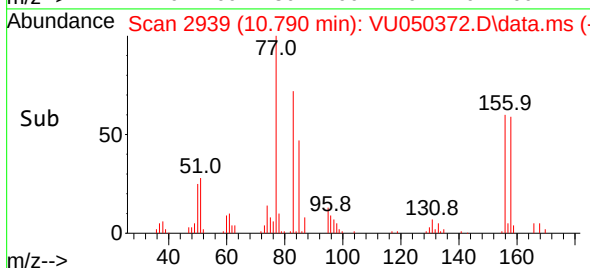
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

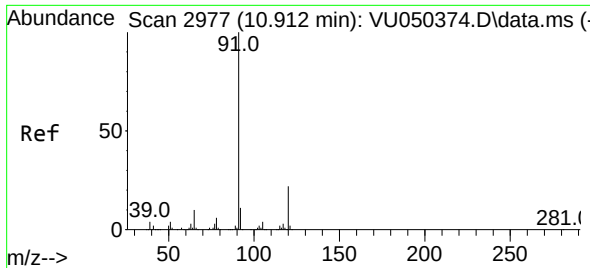


#72
Bromobenzene
Concen: 1.961 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45



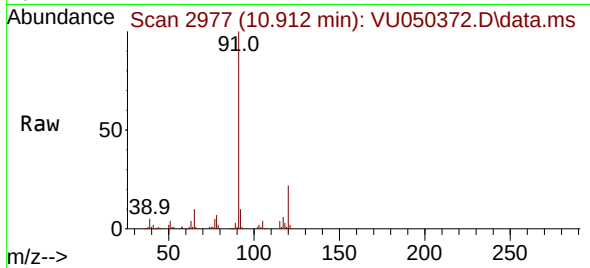
Tgt Ion:156 Resp: 20611
Ion Ratio Lower Upper
156 100
77 163.1 0.0 344.4
158 99.0 0.0 192.2





#73
n-propylbenzene
Concen: 1.770 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

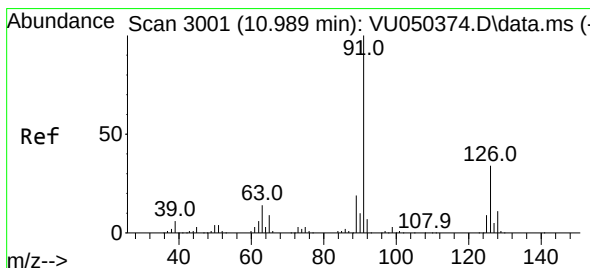
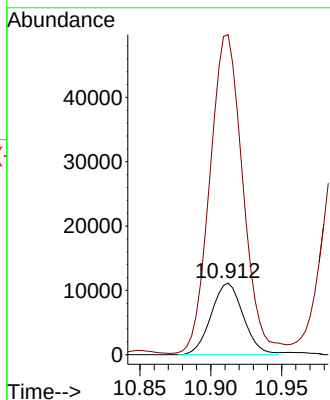
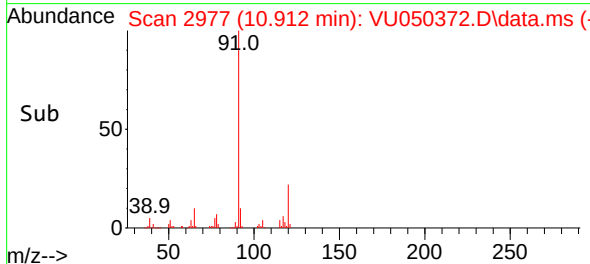
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



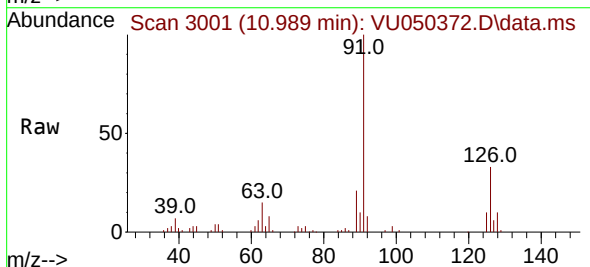
Tgt Ion:120 Resp: 1754
Ion Ratio Lower Upper
120 100
91 457.3 367.8 551.6

Manual Integrations
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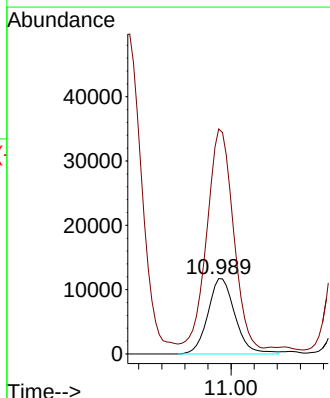
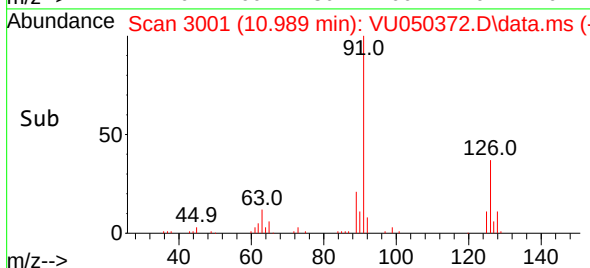
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

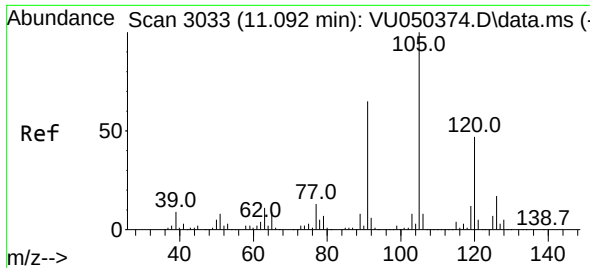


#74
2-Chlorotoluene
Concen: 1.963 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45



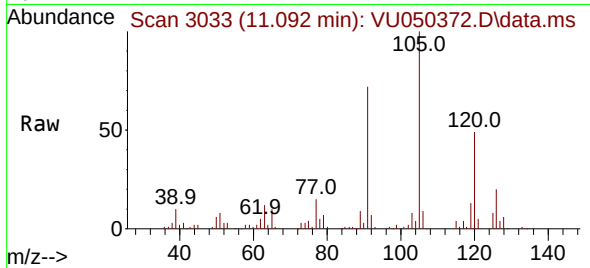
Tgt Ion:126 Resp: 19064
Ion Ratio Lower Upper
126 100
91 286.3 0.0 620.6





#75
1,3,5-Trimethylbenzene
Concen: 1.797 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

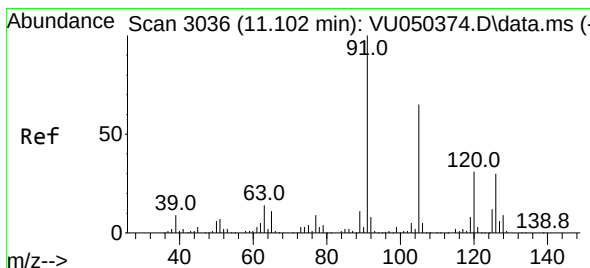
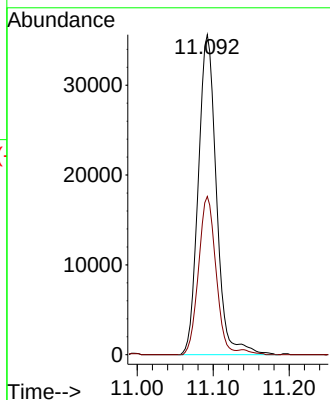
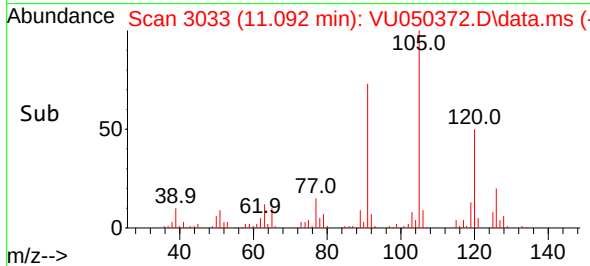
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



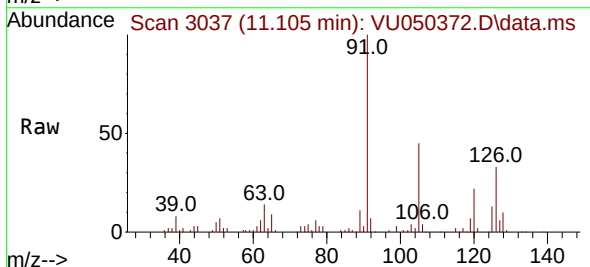
Tgt Ion:105 Resp: 5913
Ion Ratio Lower Upper
105 100
120 47.3 37.6 56.4

Manual Integrations
APPROVED

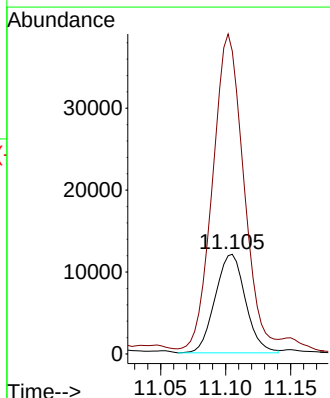
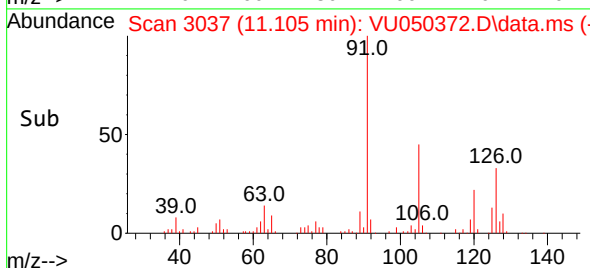
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

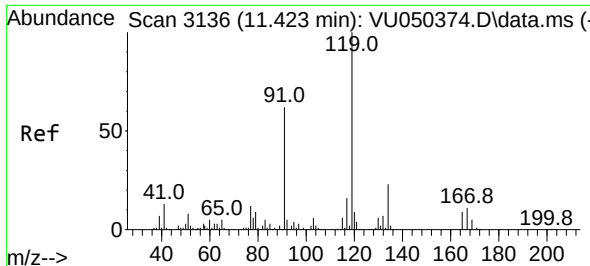


#76
4-Chlorotoluene
Concen: 2.005 ug/l
RT: 11.105 min Scan# 3037
Delta R.T. 0.003 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45



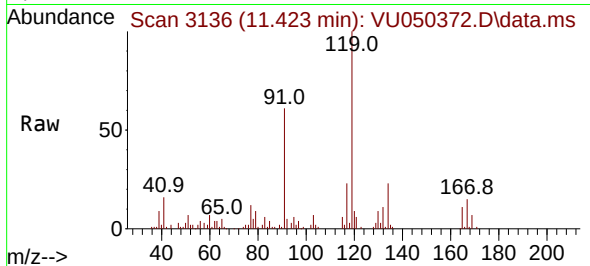
Tgt Ion:126 Resp: 19509
Ion Ratio Lower Upper
126 100
91 324.1 0.0 738.8





#77
tert-Butylbenzene
Concen: 1.862 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

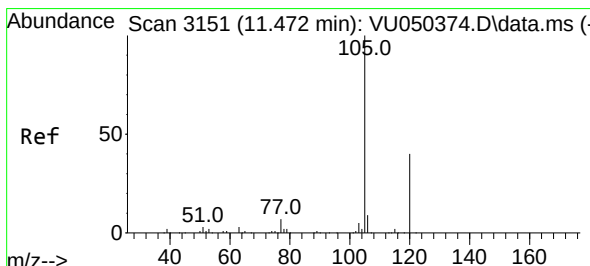
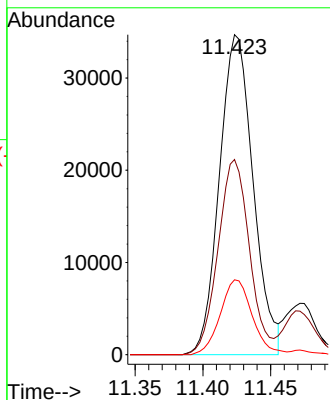
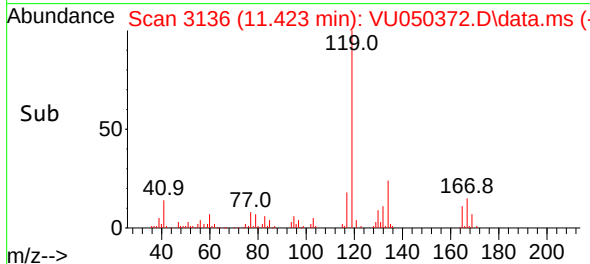
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



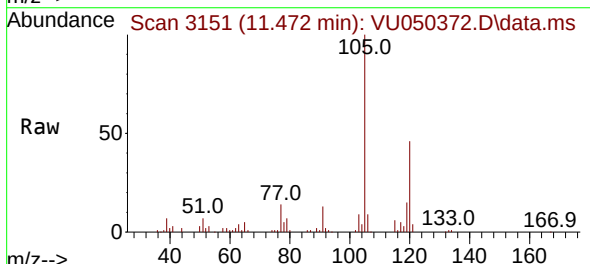
Tgt Ion:119 Resp: 60109
Ion Ratio Lower Upper
119 100
91 56.9 30.4 91.3
134 22.2 17.8 26.6

Manual Integrations
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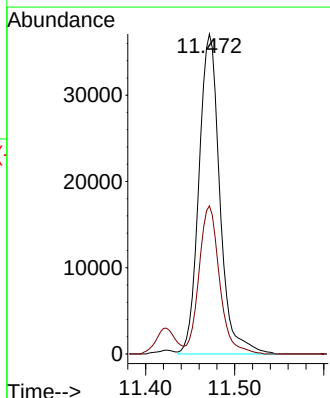
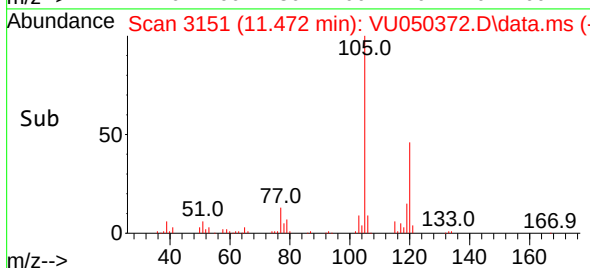
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

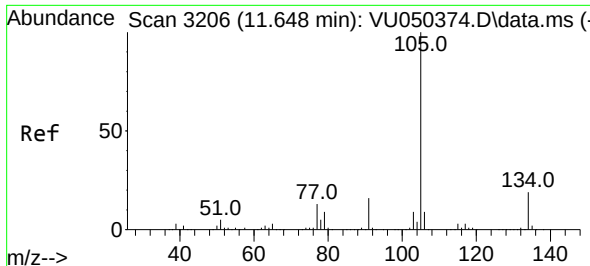


#78
1,2,4-Trimethylbenzene
Concen: 1.780 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45



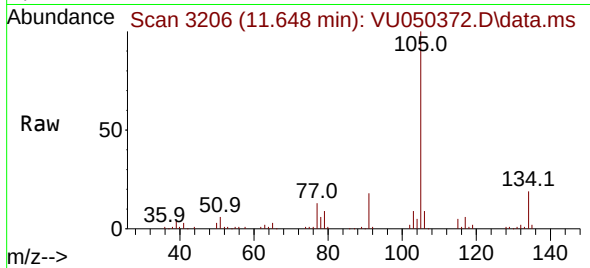
Tgt Ion:105 Resp: 60435
Ion Ratio Lower Upper
105 100
120 45.6 21.6 65.0





#79
 sec-Butylbenzene
 Concen: 1.844 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU050372.D
 Acq: 19 Aug 2022 12:45

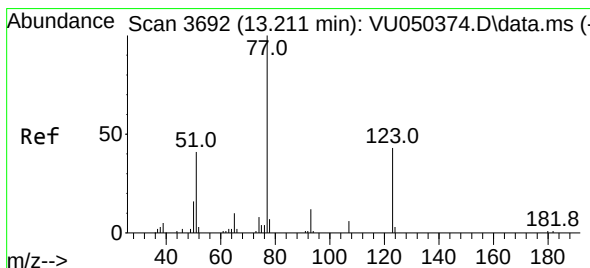
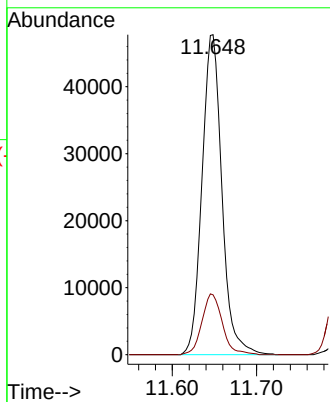
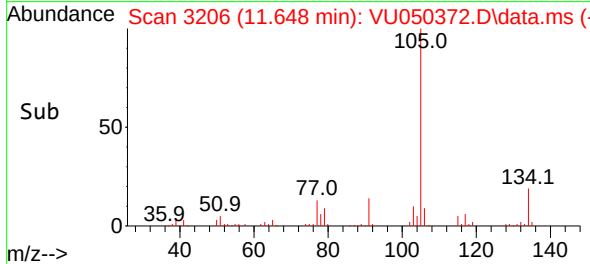
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002



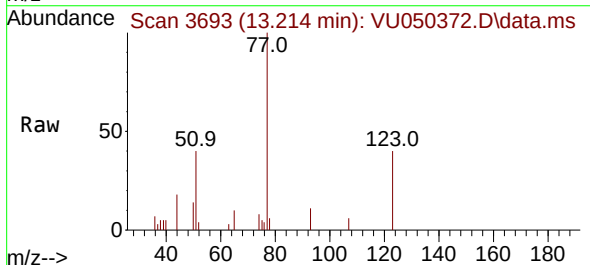
Tgt Ion:105 Resp: 78604
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.4 23.0

Manual Integrations
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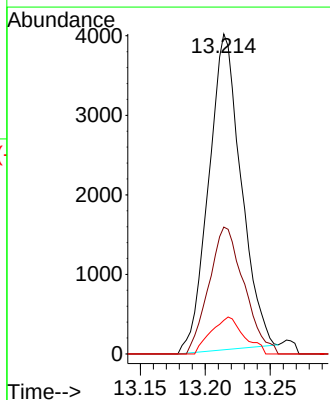
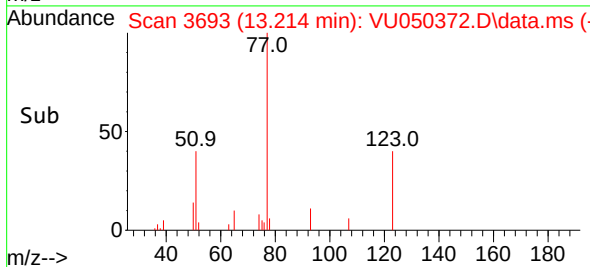
Reviewed By :Krupa Patel 08/30/2022
 Supervised By :Mahesh Dadoda 09/09/2022

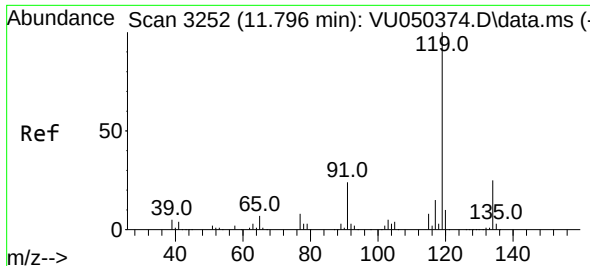


#80
 Nitrobenzene
 Concen: 8.989 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.003 min
 Lab File: VU050372.D
 Acq: 19 Aug 2022 12:45



Tgt Ion: 77 Resp: 6887
 Ion Ratio Lower Upper
 77 100
 123 43.5 18.1 64.3
 65 11.8 10.8 13.8





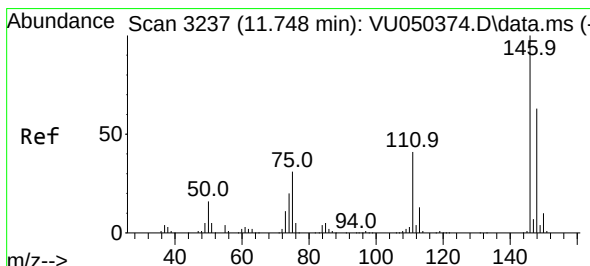
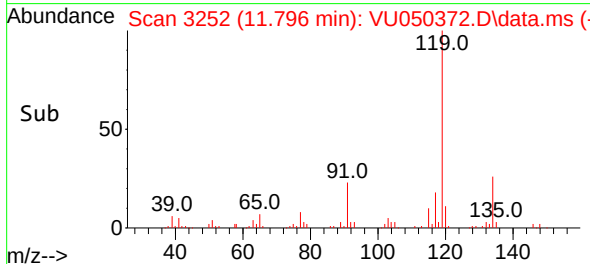
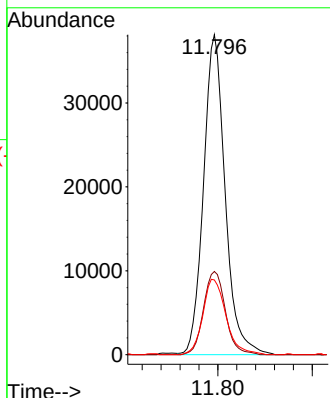
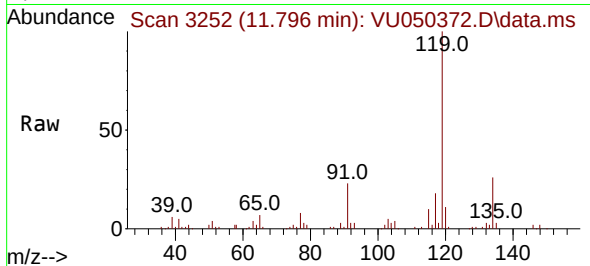
#81
p-Isopropyltoluene
Concen: 1.774 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:119 Resp: 60558
Ion Ratio Lower Upper
119 100
134 26.2 20.5 30.7
91 25.2 19.8 29.6

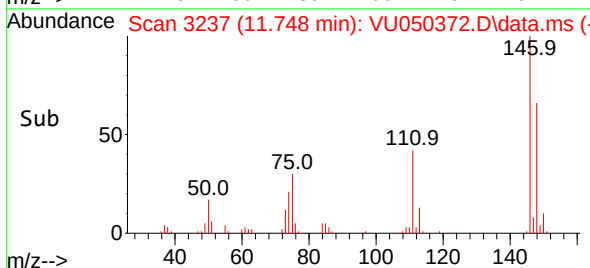
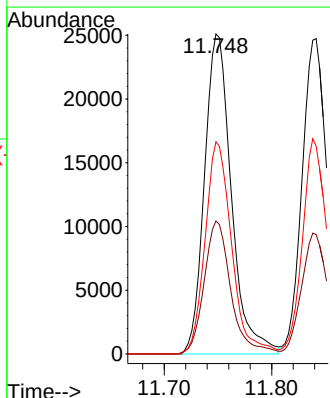
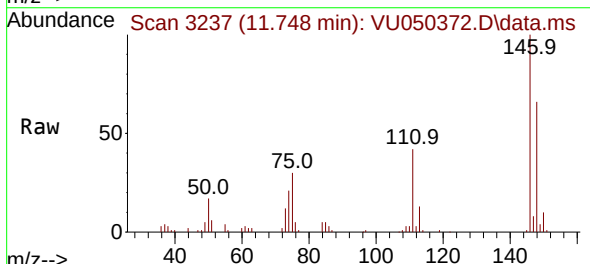
Manual Integrations
APPROVED

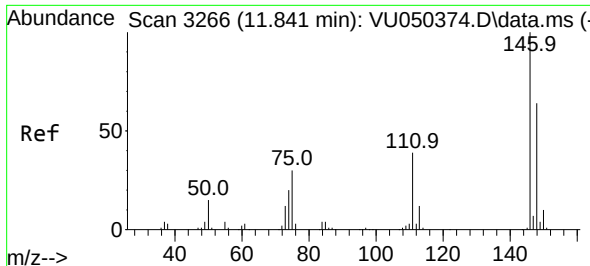
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#82
1,3-Dichlorobenzene
Concen: 2.039 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

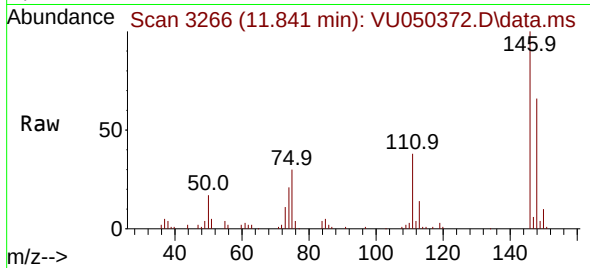
Tgt Ion:146 Resp: 43606
Ion Ratio Lower Upper
146 100
111 41.3 33.4 50.2
148 65.5 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 2.009 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

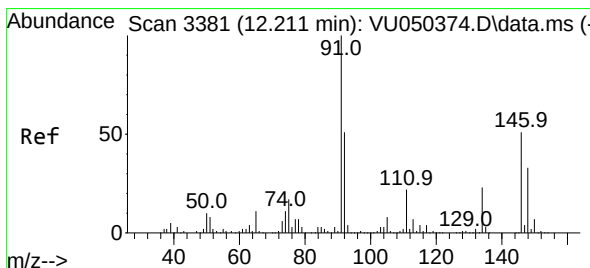
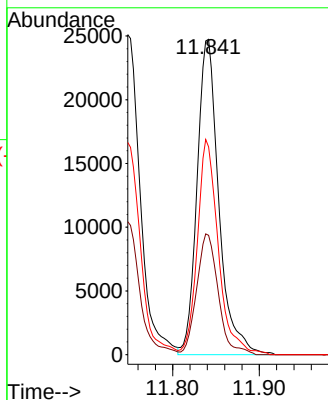
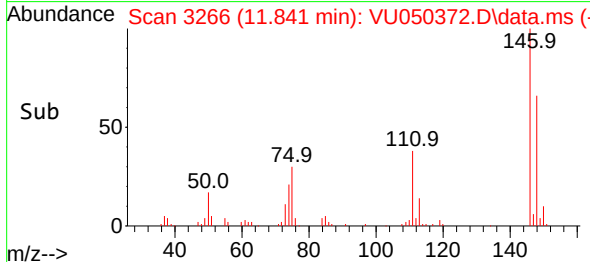
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



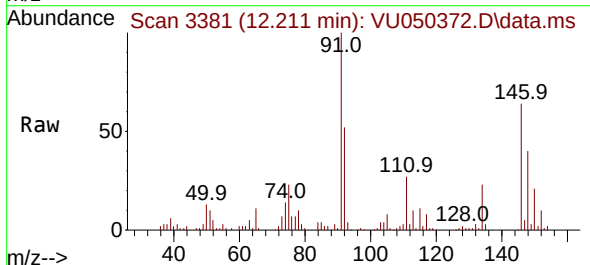
Tgt Ion:146 Resp: 43268
Ion Ratio Lower Upper
146 100
111 38.0 32.6 49.0
148 65.8 51.6 77.4

Manual Integrations
APPROVED

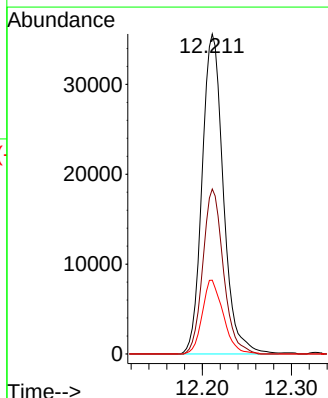
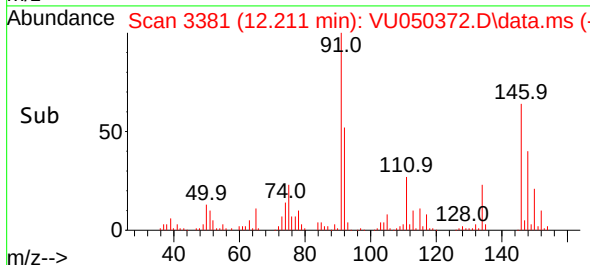
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

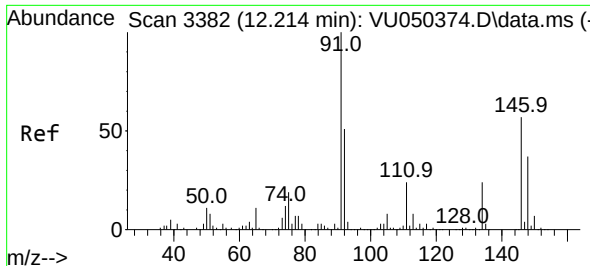


#84
n-Butylbenzene
Concen: 1.820 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45



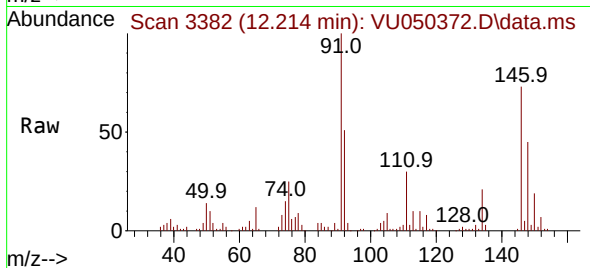
Tgt Ion: 91 Resp: 58914
Ion Ratio Lower Upper
91 100
92 49.9 42.3 63.5
134 22.8 19.6 29.4





#85
1,2-Dichlorobenzene
Concen: 2.024 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

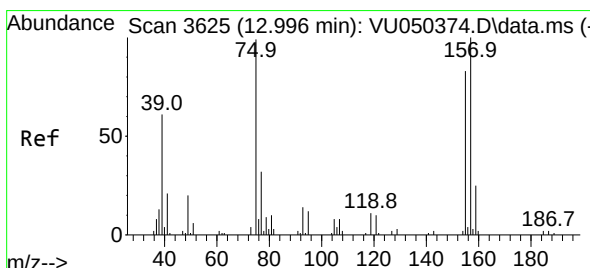
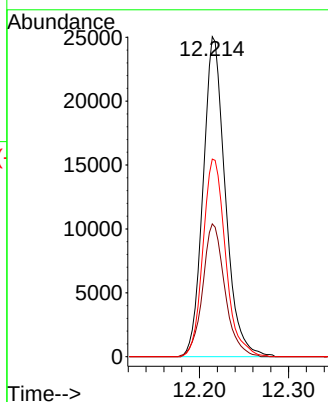
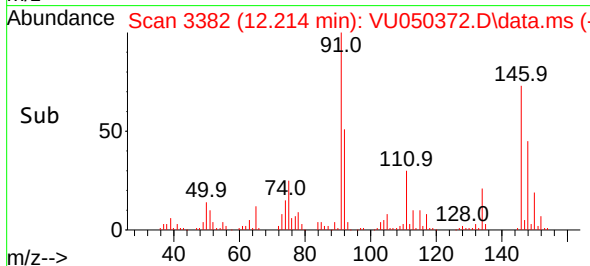
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



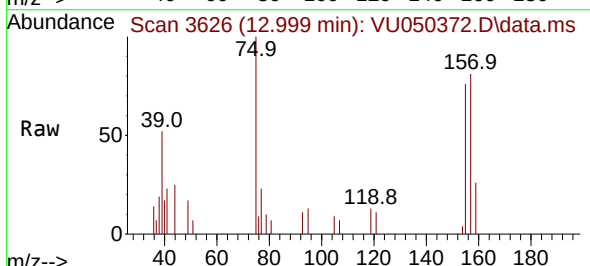
Tgt Ion:146 Resp: 43270
Ion Ratio Lower Upper
146 100
111 41.5 22.1 66.1
148 63.0 32.1 96.3

Manual Integrations
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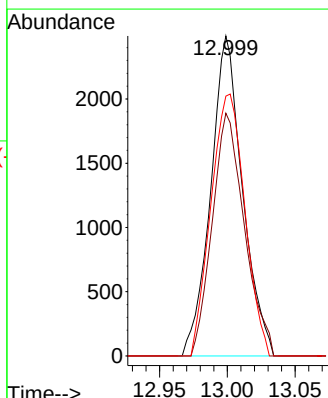
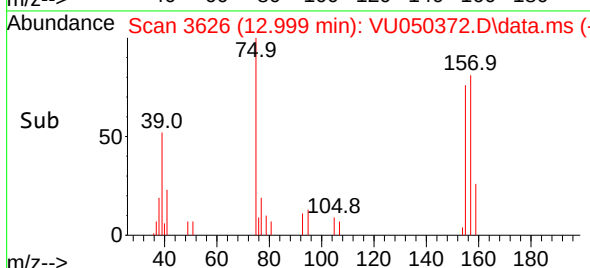
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

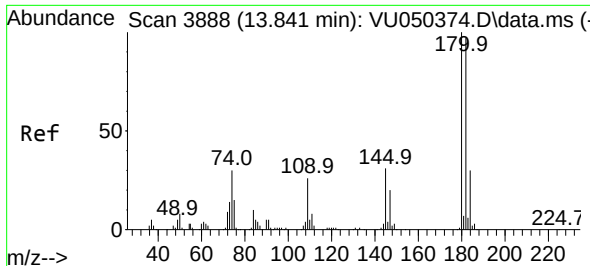


#86
1,2-Dibromo-3-Chloropropane
Concen: 2.001 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45



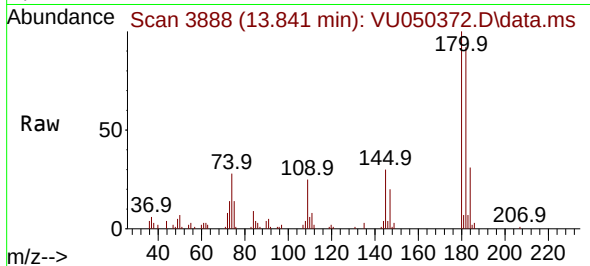
Tgt Ion: 75 Resp: 4063
Ion Ratio Lower Upper
75 100
155 76.9 66.8 100.2
157 87.1 83.8 125.8





#87
1,2,4-Trichlorobenzene
Concen: 1.845 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

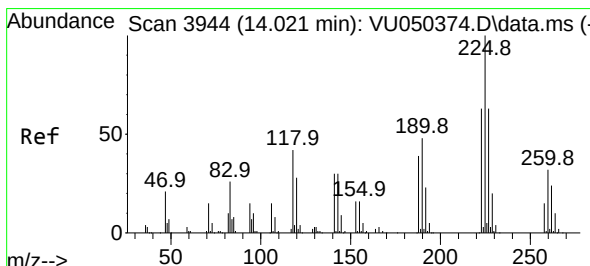
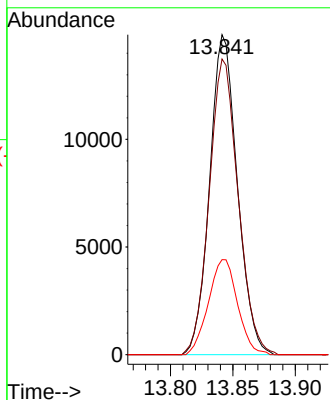
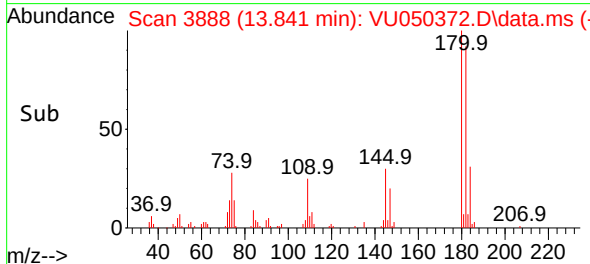
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



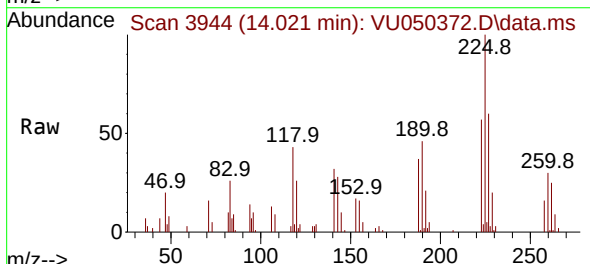
Tgt Ion:180 Resp: 2299
Ion Ratio Lower Upper
180 100
182 96.3 77.0 115.6
145 31.2 25.7 38.5

Manual Integrations
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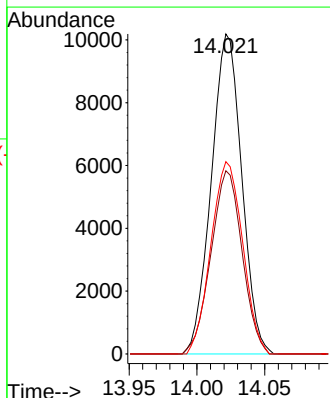
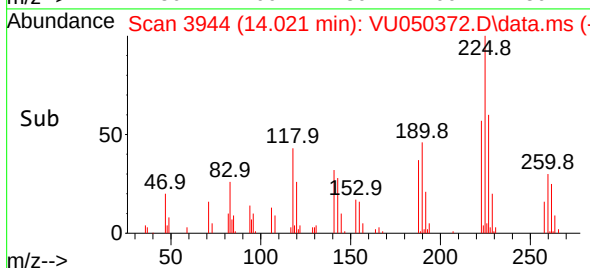
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

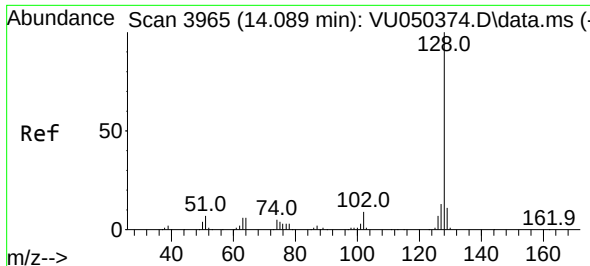


#88
Hexachlorobutadiene
Concen: 2.156 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45



Tgt Ion:225 Resp: 15891
Ion Ratio Lower Upper
225 100
223 58.6 50.6 76.0
227 62.7 50.7 76.1





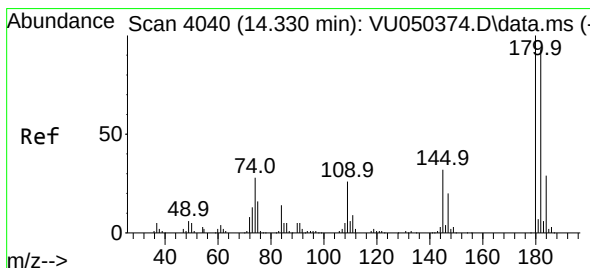
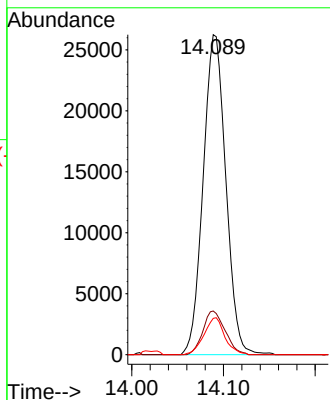
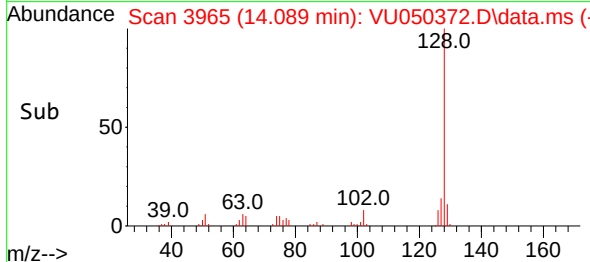
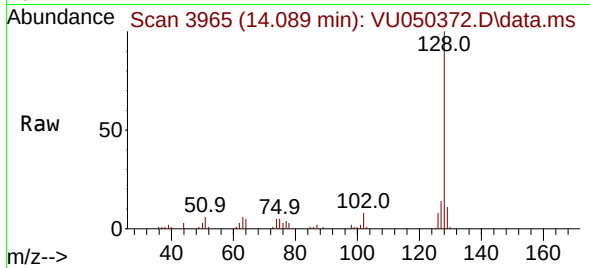
#89
Naphthalene
Concen: 1.599 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:128 Resp: 45072
Ion Ratio Lower Upper
128 100
127 13.3 10.1 15.1
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#90
1,2,3-Trichlorobenzene
Concen: 1.909 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU050372.D
Acq: 19 Aug 2022 12:45

Tgt Ion:180 Resp: 24490
Ion Ratio Lower Upper
180 100
182 93.2 76.6 114.8
145 31.7 27.3 40.9

