

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081022\
 Data File : VU050213.D
 Acq On : 10 Aug 2022 11:26
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 10 11:44:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081022DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Aug 10 09:58:18 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/11/2022
 Supervised By : Mahesh Dadoda 08/11/2022

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

Internal Standards						
1) Fluorobenzene	6.115	96	31892	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	12025	1.029	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	11815	1.099	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	218426	17.884	ug/l	100
3) Chloromethane	1.517	50	257582	20.619	ug/l	100
4) Vinyl Chloride	1.601	62	243169	21.349	ug/l	99
5) Bromomethane	1.855	94	79388	13.365	ug/l	98
6) Chloroethane	1.932	64	141534	22.188	ug/l	100
7) Trichlorofluoromethane	2.134	101	262553	19.233	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.575	101	141327	19.702	ug/l	98
9) 1,1-Dichloroethene	2.575	96	156938	21.703	ug/l	93
10) Iodomethane	2.720	142	163897	17.868	ug/l	94
11) Allyl Chloride	2.922	41	235369	19.087	ug/l	96
12) Acrylonitrile	3.327	53	90962	47.050	ug/l	99
13) Acetone	2.655	43	159830	104.773	ug/l	93
14) Carbon Disulfide	2.787	76	561209	23.572	ug/l	99
15) Methylene Chloride	3.044	84	200130	22.100	ug/l	91
16) trans-1,2-Dichloroethene	3.350	96	183161	24.120	ug/l	92
17) 1,1-Dichloroethane	3.867	63	338639	21.566	ug/l	100
18) 2-Butanone	4.719	43	278182	106.985	ug/l	99
19) Cyclohexane	5.388	56	257684m	17.171	ug/l	
20) Methylcyclohexane	6.764	83	267750	18.099	ug/l	98
21) 2,2-Dichloropropane	4.665	77	232302	18.078	ug/l	98
22) cis-1,2-Dichloroethene	4.665	96	208638	22.278	ug/l	95
23) Diethyl Ether	2.376	59	142686	23.163	ug/l	98
24) tert-Butyl Alcohol	3.250	59	125096	177.994	ug/l	# 88
25) Methyl tert-Butyl Ether	3.366	73	451553	22.332	ug/l	95
26) Bromochloromethane	4.973	128	92173	23.378	ug/l	96
27) Chloroform	5.089	83	343192	22.210	ug/l	97
28) 1,1,1-Trichloroethane	5.318	97	276975	20.325	ug/l	99
29) 1,1-Dichloropropene	5.527	75	244384	20.081	ug/l	99
30) Carbon Tetrachloride	5.523	117	228816	19.941	ug/l	98
31) Isopropyl Ether	3.993	45	526017	19.533	ug/l	98
32) Ethyl-t-butyl ether	4.504	59	500912	19.652	ug/l	98
33) Tert-Amyl methyl ether	5.941	73	450319	20.320	ug/l	99
34) Propionitrile	4.797	54	94129	126.248	ug/l	# 92
35) Benzene	5.774	78	780416	22.505	ug/l	98
36) 1,2-Dichloroethane	5.793	62	216205	21.927	ug/l	99
37) Trichloroethene	6.543	130	181557	20.716	ug/l	100
38) 1,2-Dichloropropane	6.790	63	207524	22.604	ug/l	100
39) Methacrylonitrile	4.977	41	65137	20.391	ug/l	92
40) Methyl acrylate	4.848	55	124052	24.797	ug/l	98
41) Tetrahydrofuran	5.064	42	72615	38.453	ug/l	95
42) 1-Chlorobutane	5.459	56	343214	20.111	ug/l	95
43) Dibromomethane	6.919	93	108061	23.622	ug/l	98
44) Bromodichloromethane	7.105	83	255687	23.320	ug/l	96

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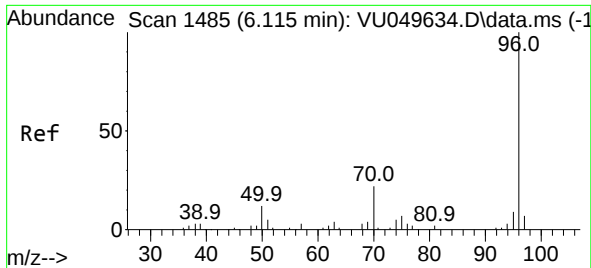
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	664708	107.064	ug/l	96
46) t-1,4-Dichloro-2-butene	10.835	75	99323m	49.160	ug/l	
47) Methyl methacrylate	6.961	69	218700	47.414	ug/l	91
48) Ethyl methacrylate	8.333	69	210876	22.788	ug/l	92
49) Toluene	7.970	92	478284	22.586	ug/l	99
50) t-1,3-Dichloropropene	8.211	75	245326	23.165	ug/l	98
51) cis-1,3-Dichloropropene	7.607	75	285629	22.758	ug/l	94
52) 1,1,2-Trichloroethane	8.401	97	153478	24.311	ug/l	99
53) 1,3-Dichloropropane	8.575	76	265352	23.418	ug/l	100
54) 2-Hexanone	8.687	43	465769	108.021	ug/l	95
55) Dibromochloromethane	8.809	129	174670	24.221	ug/l	99
56) 1,2-Dibromoethane	8.925	107	145930	23.870	ug/l	99
58) Tetrachloroethene	8.552	164	150669	20.675	ug/l	99
59) Chlorobenzene	9.446	112	496723	22.421	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.533	131	181870	23.080	ug/l	98
61) Pentachloroethane	11.430	117	150678	24.905	ug/l	96
62) Hexachloroethane	12.475	117	130702	21.568	ug/l	99
63) Ethyl Benzene	9.571	91	894360	22.430	ug/l	100
64) m/p-Xylenes	9.694	106	681679	46.215	ug/l	98
65) o-Xylene	10.102	106	332473	22.934	ug/l	98
66) Styrene	10.115	104	560704	24.074	ug/l	98
67) Bromoform	10.292	173	103700	25.201	ug/l	100
69) Isopropylbenzene	10.485	105	840091	21.697	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.784	83	206018	25.119	ug/l	99
71) 1,2,3-Trichloropropane	10.825	75	149285m	21.985	ug/l	
72) Bromobenzene	10.784	156	204252	23.409	ug/l	99
73) n-propylbenzene	10.906	120	222056	22.725	ug/l	100
74) 2-Chlorotoluene	10.986	126	203821	23.395	ug/l	97
75) 1,3,5-Trimethylbenzene	11.089	105	729979	22.552	ug/l	99
76) 4-Chlorotoluene	11.099	126	210192	24.056	ug/l	89
77) tert-Butylbenzene	11.420	119	700054	21.964	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	748828	23.044	ug/l	99
79) sec-Butylbenzene	11.645	105	888949	21.264	ug/l	99
80) Nitrobenzene	13.205	77	48028	143.143	ug/l	99
81) p-Isopropyltoluene	11.793	119	723911	21.346	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	388320	23.006	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	383741	22.530	ug/l	99
84) n-Butylbenzene	12.208	91	624073	19.760	ug/l	99
85) 1,2-Dichlorobenzene	12.214	146	380070	23.243	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.996	75	34288	23.972	ug/l	100
87) 1,2,4-Trichlorobenzene	13.841	180	240630	21.814	ug/l	99
88) Hexachlorobutadiene	14.021	225	123082	21.893	ug/l	99
89) Naphthalene	14.086	128	541340	23.405	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	240151	22.798	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

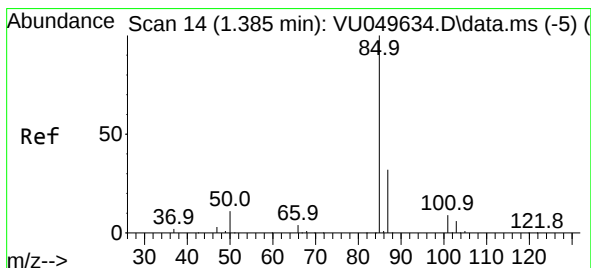
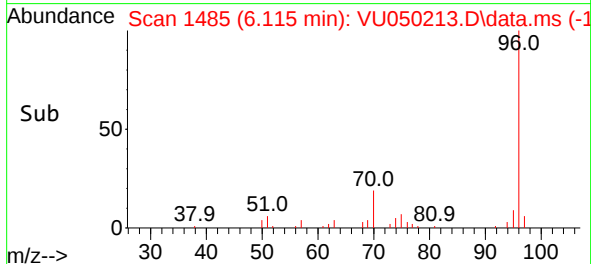
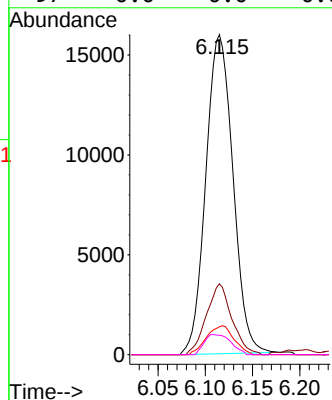
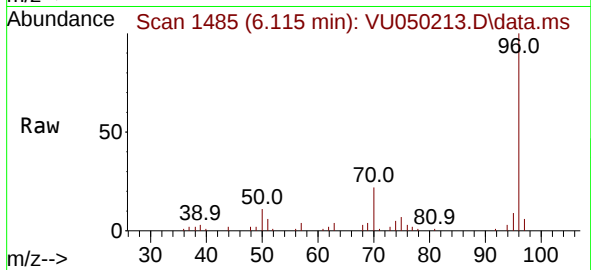
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 31892

Ion	Ratio	Lower	Upper
96	100		
70	20.8	16.7	25.1
95	0.0	7.4	11.0
97	0.0	0.0	0.0

Manual Integrations
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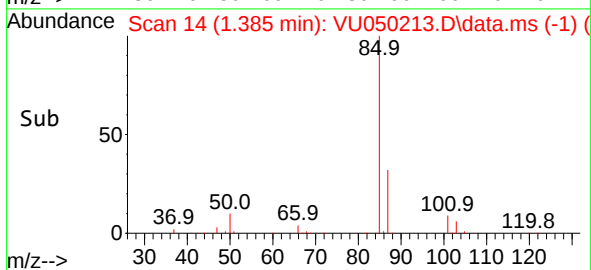
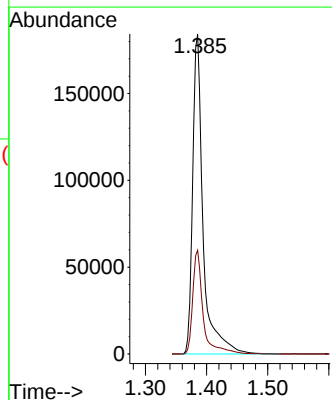
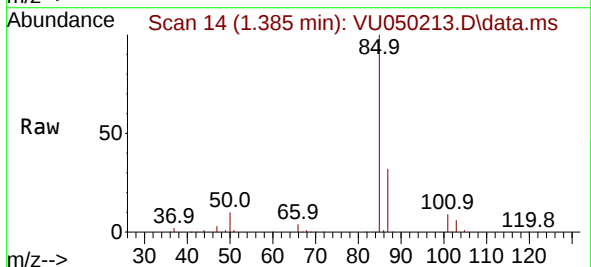
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#2
Dichlorodifluoromethane
Concen: 17.884 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

Tgt Ion: 85 Resp: 218426

Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.3	48.8





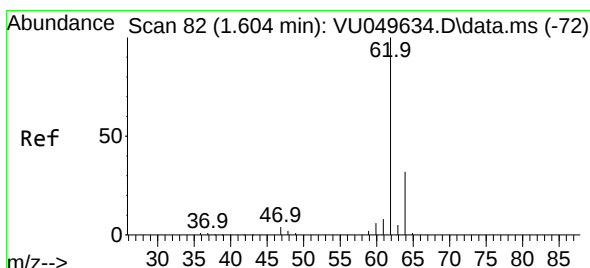
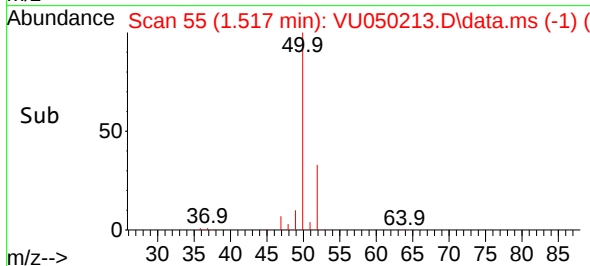
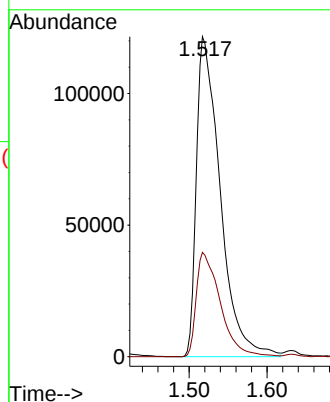
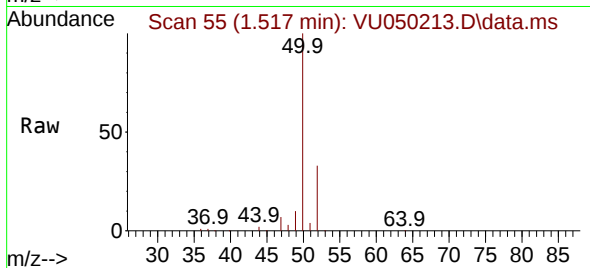
#3
Chloromethane
Concen: 20.619 ug/l
RT: 1.517 min Scan# 51
Delta R.T. -0.009 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 25758
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1

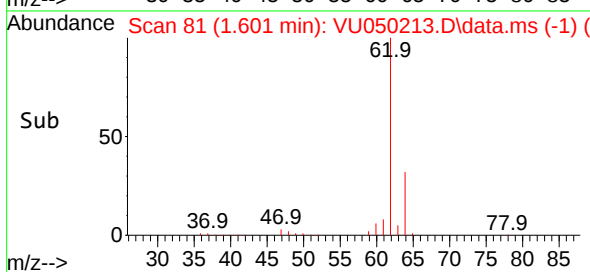
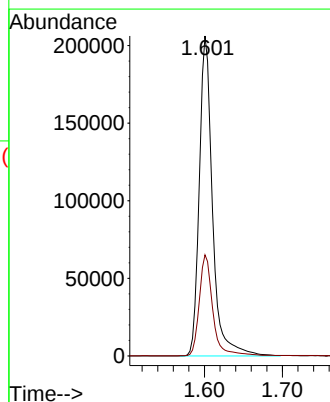
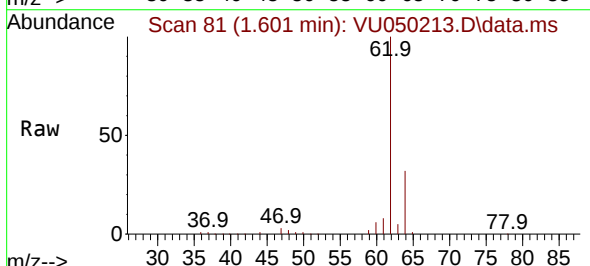
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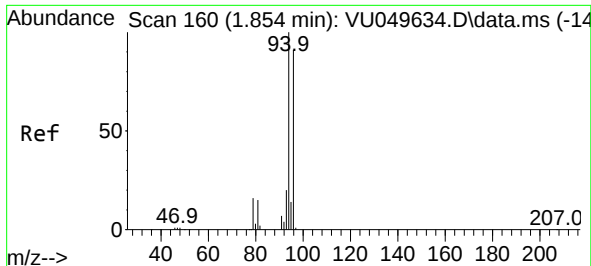
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#4
Vinyl Chloride
Concen: 21.349 ug/l
RT: 1.601 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

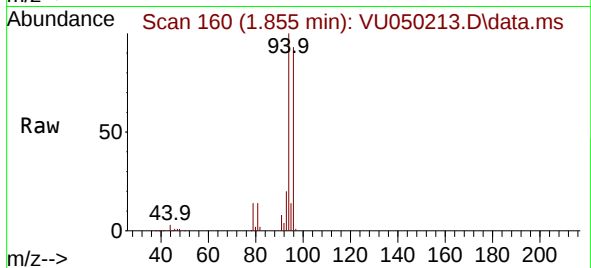
Tgt Ion: 62 Resp: 243169
Ion Ratio Lower Upper
62 100
64 31.5 25.5 38.3





#5
Bromomethane
Concen: 13.365 ug/l
RT: 1.855 min Scan# 160
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

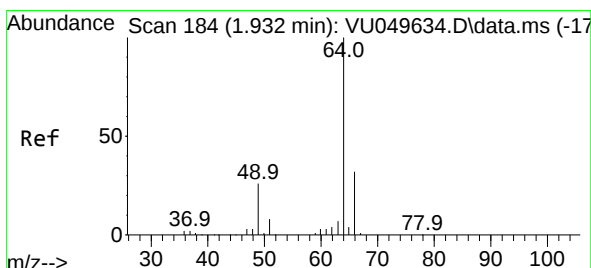
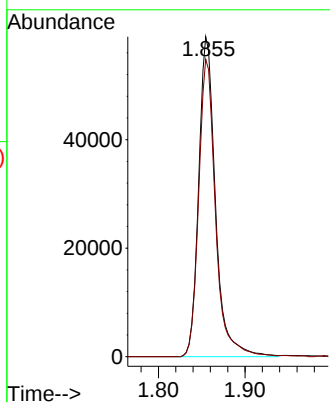
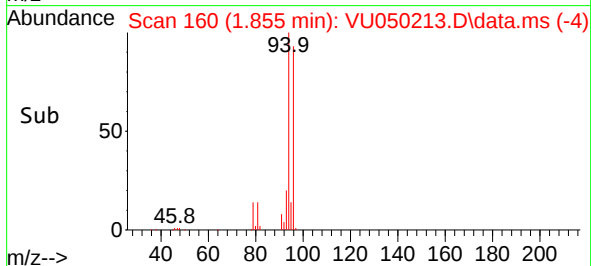
Instrument :
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Client Sample Id :
VSTDIC020



Tgt Ion: 94 Resp: 7938
Ion Ratio Lower Upper
94 100
96 92.9 73.0 109.6

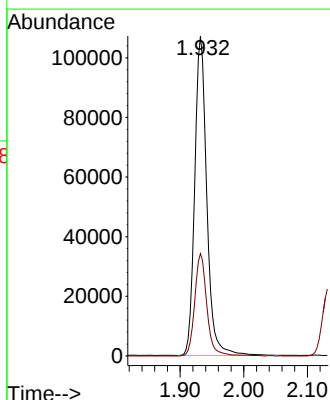
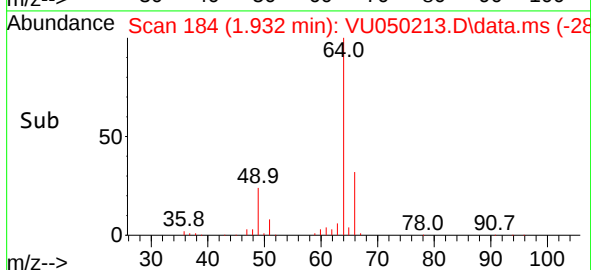
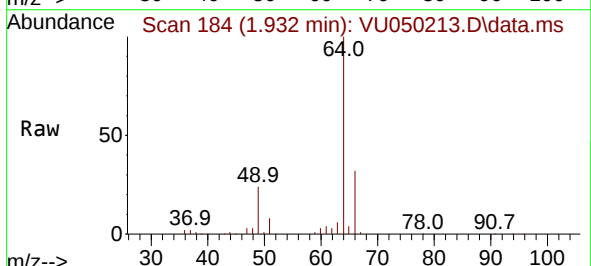
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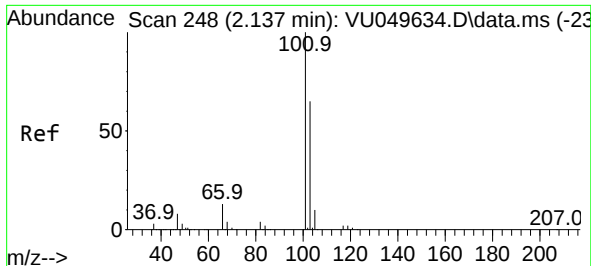
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#6
Chloroethane
Concen: 22.188 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

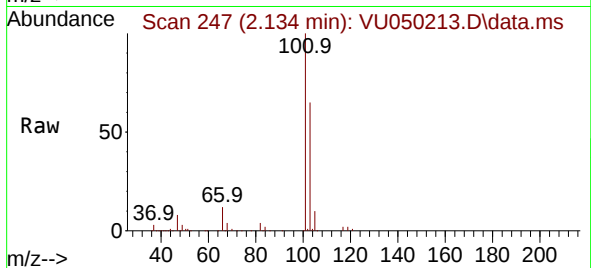
Tgt Ion: 64 Resp: 141534
Ion Ratio Lower Upper
64 100
66 32.0 25.8 38.6





#7
 Trichlorofluoromethane
 Concen: 19.233 ug/l
 RT: 2.134 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU050213.D
 Acq: 10 Aug 2022 11:26

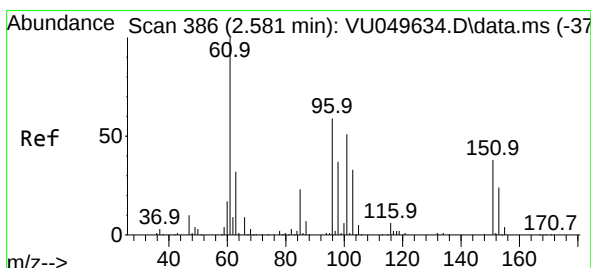
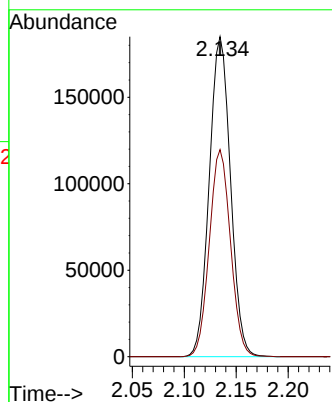
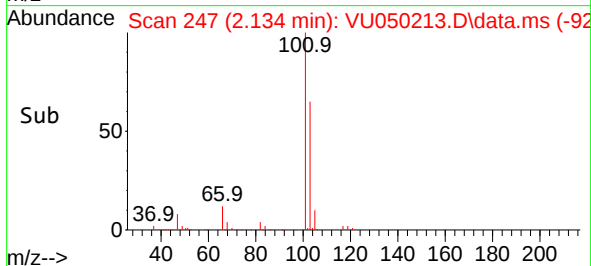
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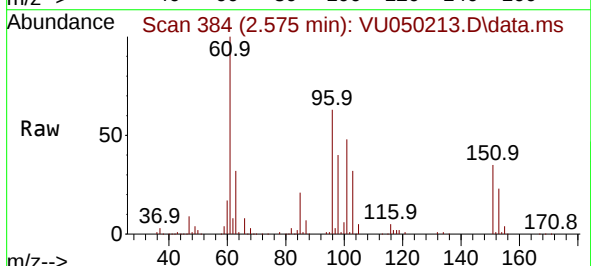
Tgt Ion:101 Resp: 26255
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.6

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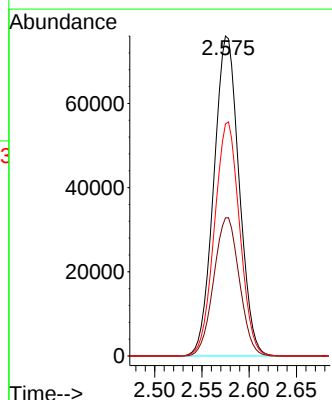
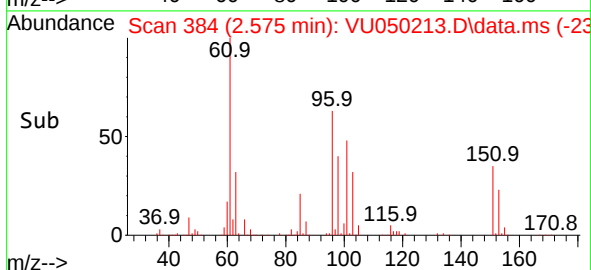
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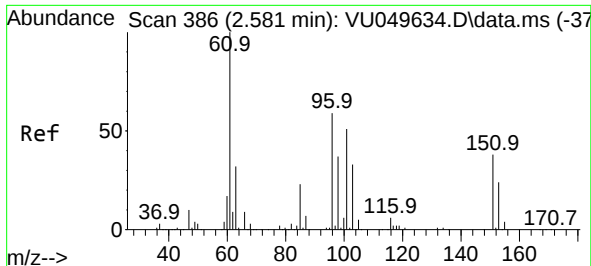


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.702 ug/l
 RT: 2.575 min Scan# 384
 Delta R.T. -0.006 min
 Lab File: VU050213.D
 Acq: 10 Aug 2022 11:26



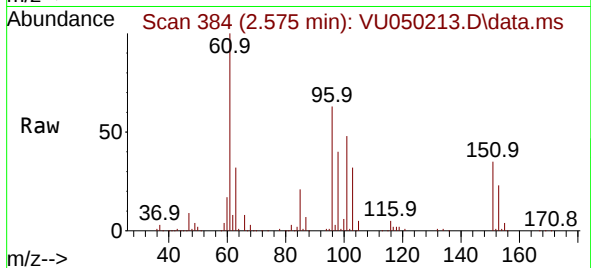
Tgt Ion:101 Resp: 141327
 Ion Ratio Lower Upper
 101 100
 85 43.8 36.4 54.6
 151 73.0 59.1 88.7





#9
1,1-Dichloroethene
Concen: 21.703 ug/l
RT: 2.575 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

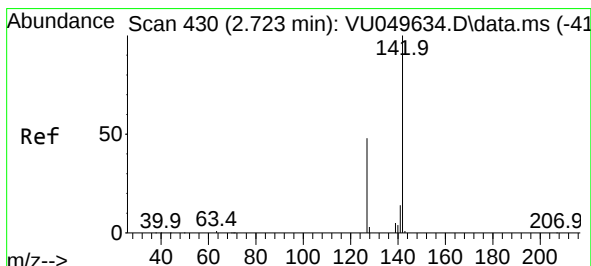
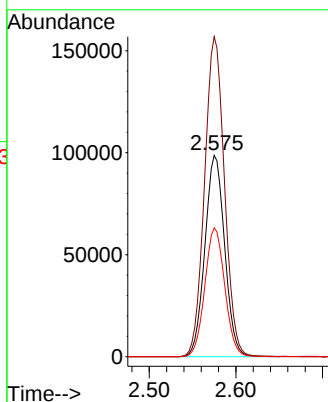
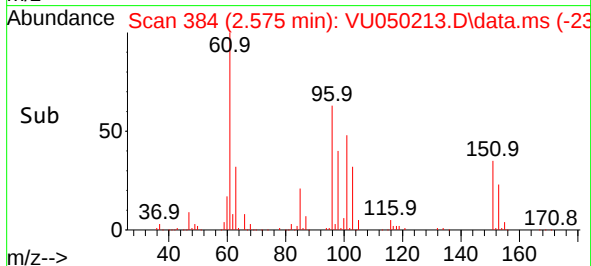
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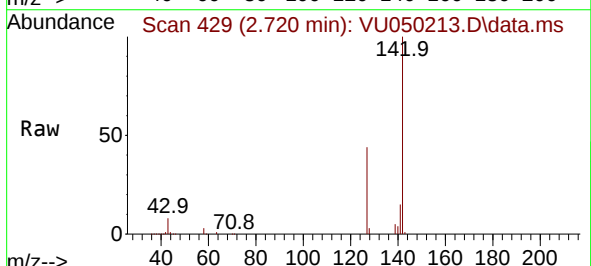
Tgt Ion: 96 Resp: 156938
Ion Ratio Lower Upper
96 100
61 158.9 0.0 510.6
98 64.0 0.0 124.6

Manual Integrations
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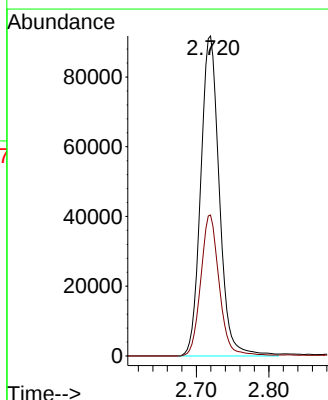
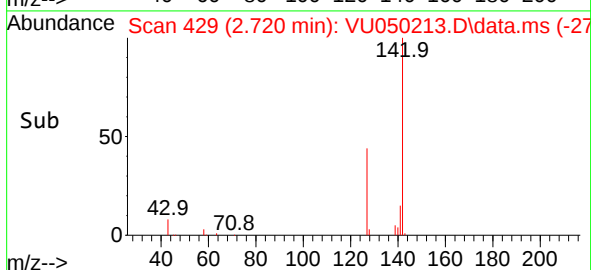
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#10
Iodomethane
Concen: 17.868 ug/l
RT: 2.720 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26



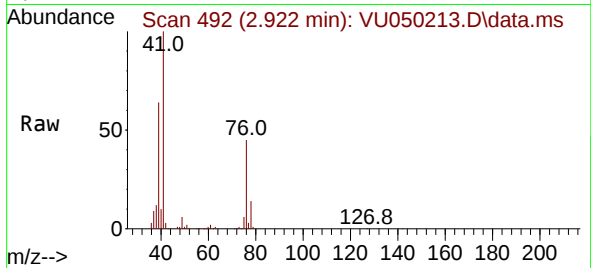
Tgt Ion:142 Resp: 163897
Ion Ratio Lower Upper
142 100
127 43.7 38.2 57.2





#11
 Allyl Chloride
 Concen: 19.087 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU050213.D
 Acq: 10 Aug 2022 11:26

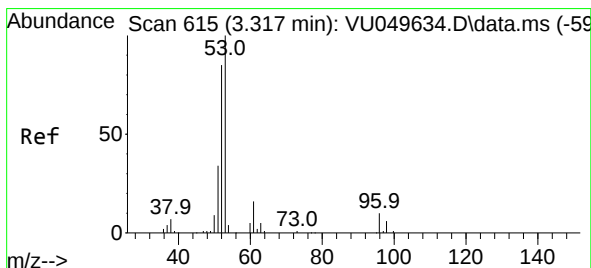
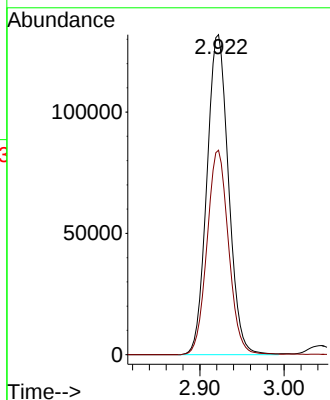
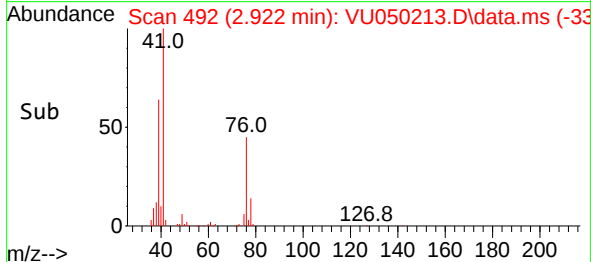
Instrument :
 MSVOA_U
 Client Sample Id :
 VSTDIC020



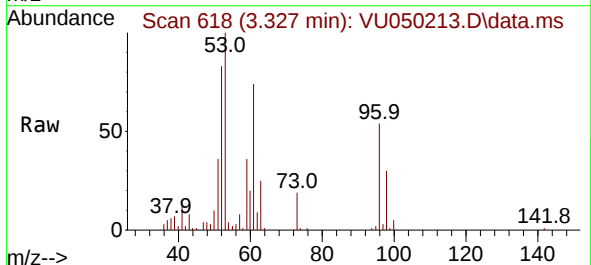
Tgt Ion: 41 Resp: 235369
 Ion Ratio Lower Upper
 41 100
 39 63.6 53.2 79.8

Manual Integrations
 APPROVED

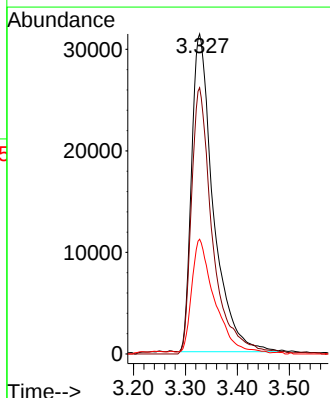
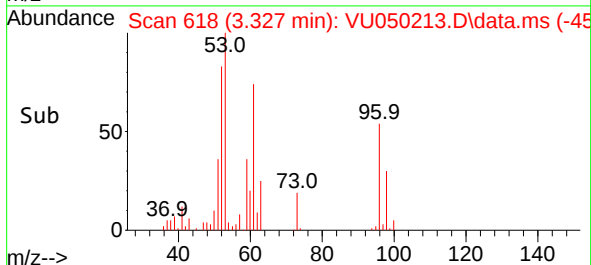
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

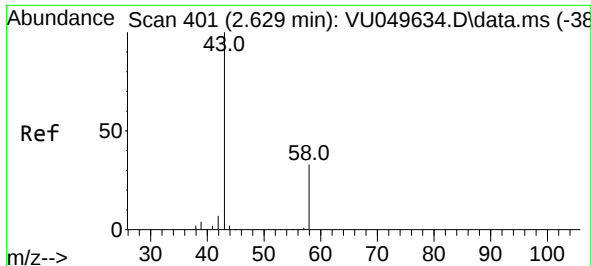


#12
 Acrylonitrile
 Concen: 47.050 ug/l
 RT: 3.327 min Scan# 618
 Delta R.T. 0.010 min
 Lab File: VU050213.D
 Acq: 10 Aug 2022 11:26



Tgt Ion: 53 Resp: 90962
 Ion Ratio Lower Upper
 53 100
 52 81.8 64.6 97.0
 51 37.1 30.7 46.1





#13

Acetone

Concen: 104.773 ug/l

RT: 2.655 min Scan# 401

Delta R.T. 0.026 min

Lab File: VU050213.D

Acq: 10 Aug 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 159830

Ion Ratio Lower Upper

43 100

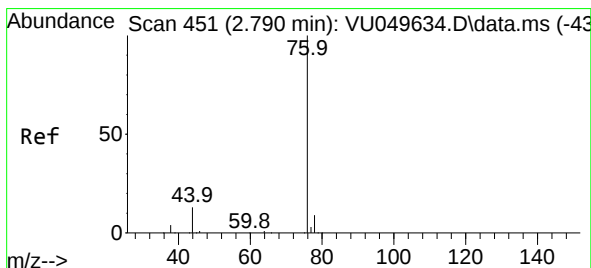
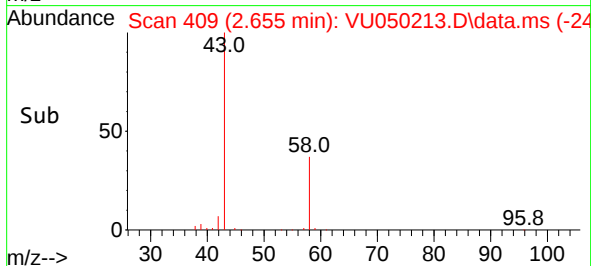
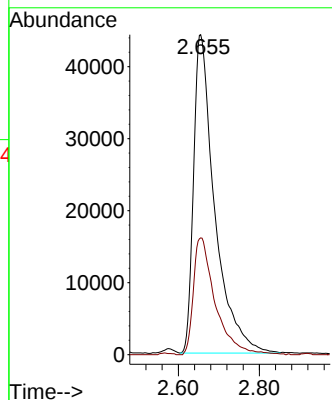
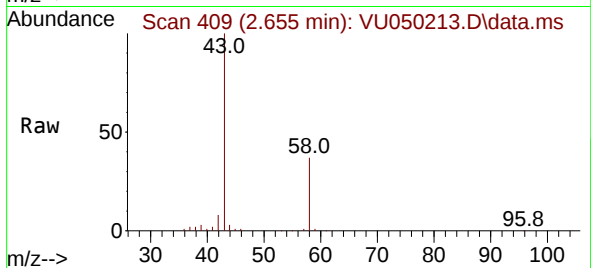
58 36.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#14

Carbon Disulfide

Concen: 23.572 ug/l

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU050213.D

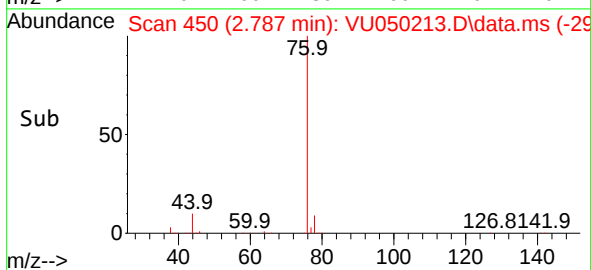
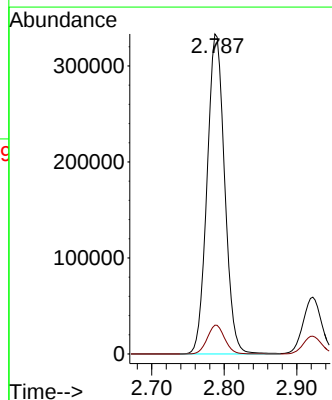
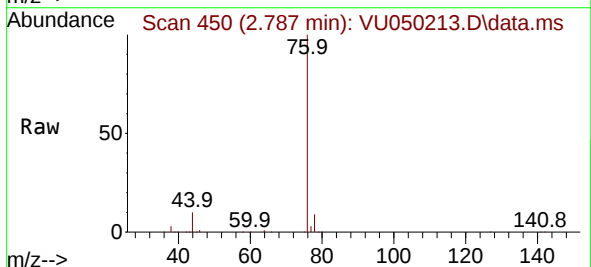
Acq: 10 Aug 2022 11:26

Tgt Ion: 76 Resp: 561209

Ion Ratio Lower Upper

76 100

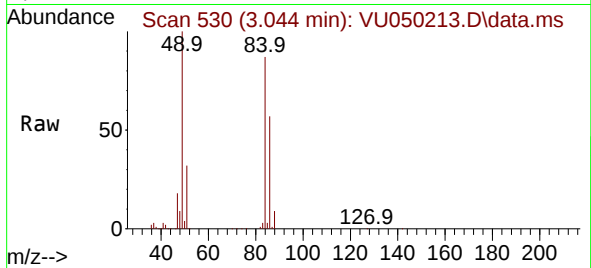
78 9.0 7.4 11.0





#15
Methylene Chloride
Concen: 22.100 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

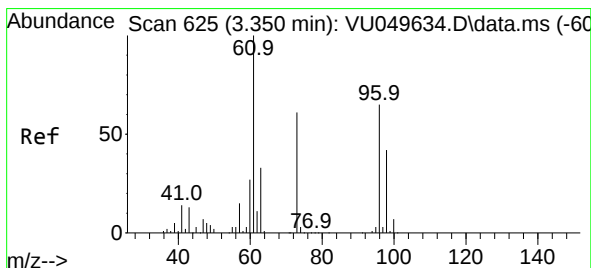
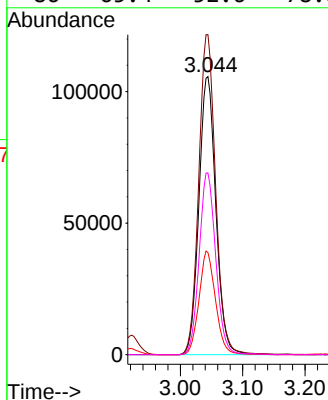
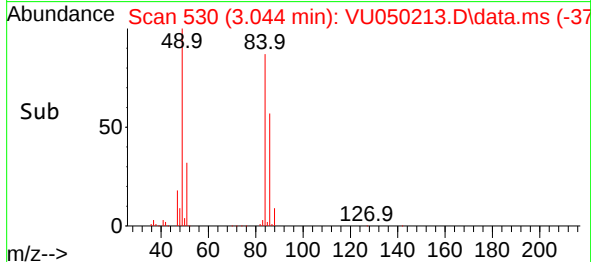
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion: 84 Resp: 200130
Ion Ratio Lower Upper
84 100
49 115.1 104.6 157.0
51 36.7 0.0 81.4
86 65.4 52.6 78.8

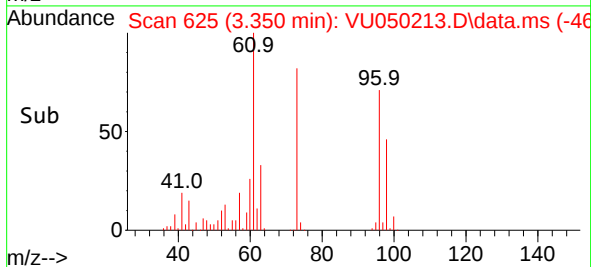
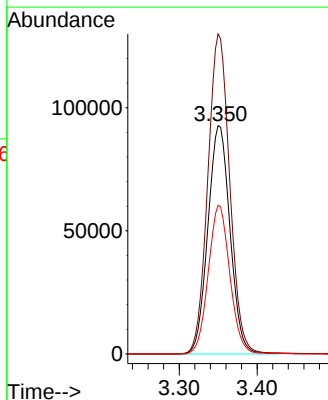
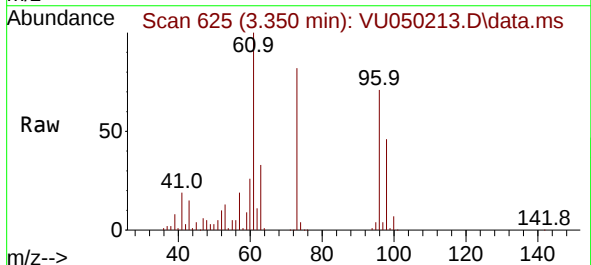
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#16
trans-1,2-Dichloroethene
Concen: 24.120 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

Tgt Ion: 96 Resp: 183161
Ion Ratio Lower Upper
96 100
61 140.1 123.4 185.0
98 65.1 51.6 77.4





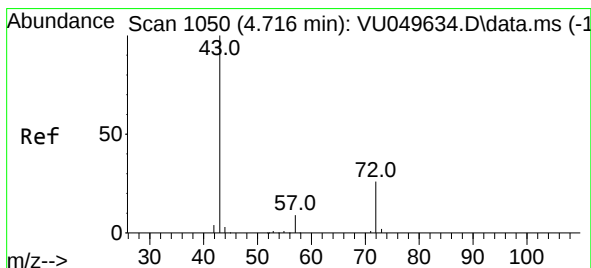
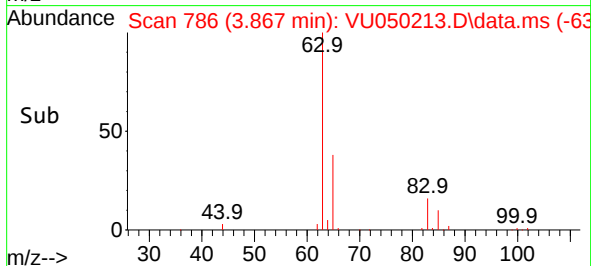
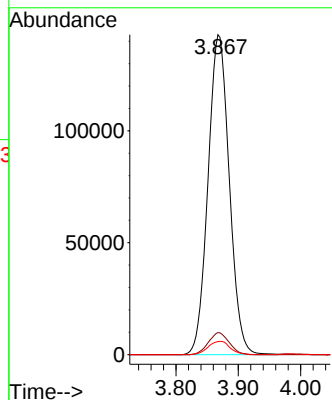
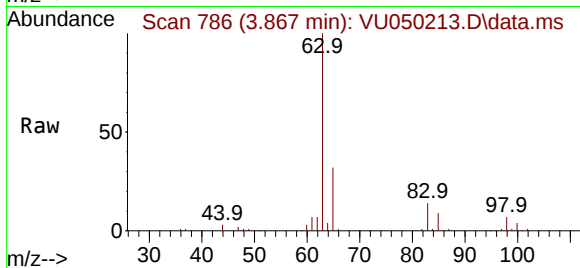
#17
1,1-Dichloroethane
Concen: 21.566 ug/l
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

Instrument :
MSVOA_U
Client Sample Id :
VSTDIC020

Tgt Ion: 63 Resp: 338639
Ion Ratio Lower Upper
63 100
98 6.9 3.4 10.2
100 4.1 2.0 6.0

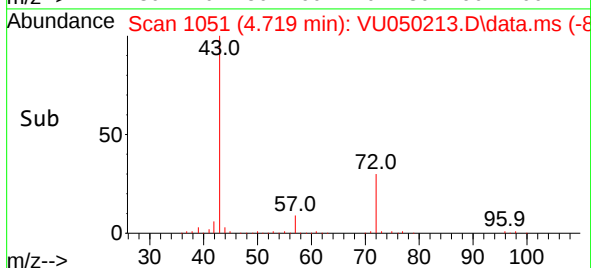
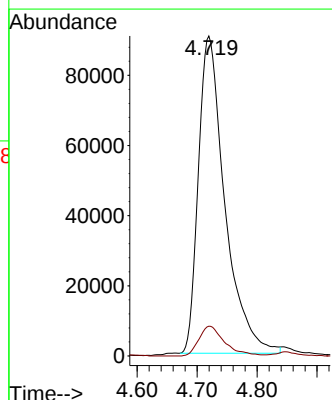
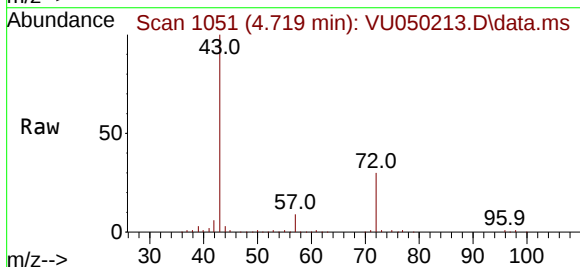
Manual Integrations
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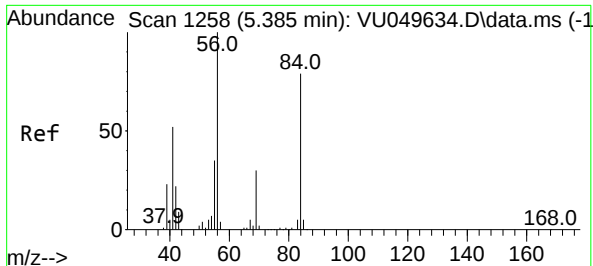
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#18
2-Butanone
Concen: 106.985 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.003 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

Tgt Ion: 43 Resp: 278182
Ion Ratio Lower Upper
43 100
57 9.4 0.0 18.0





#19

Cyclohexane

Concen: 17.171 ug/l m

RT: 5.388 min Scan# 1258

Delta R.T. 0.003 min

Lab File: VU050213.D

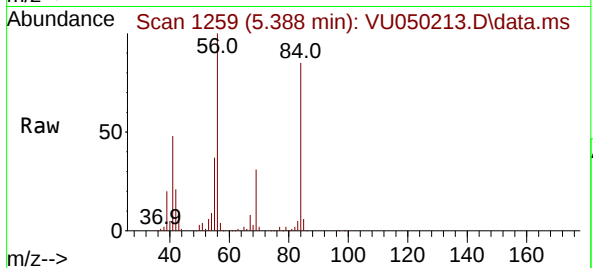
Acq: 10 Aug 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020



Tgt Ion: 56 Resp: 257684

Ion Ratio Lower Upper

56 100

69 31.1 24.2 36.4

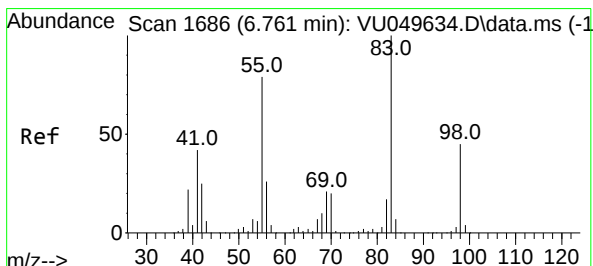
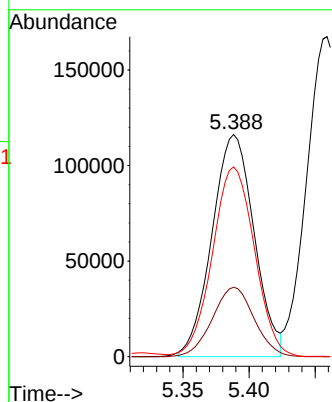
84 84.0 63.4 95.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#20

Methylcyclohexane

Concen: 18.099 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. 0.003 min

Lab File: VU050213.D

Acq: 10 Aug 2022 11:26

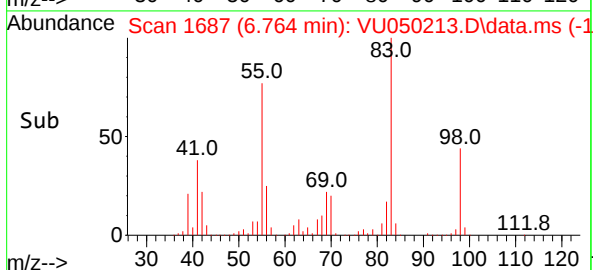
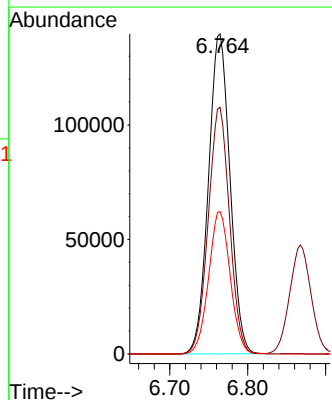
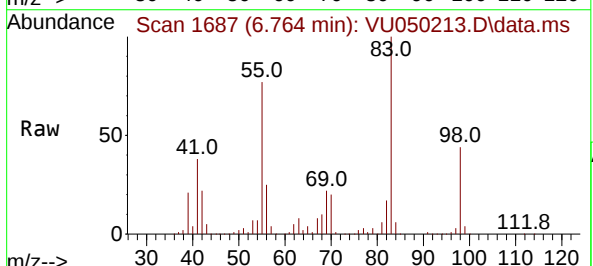
Tgt Ion: 83 Resp: 267750

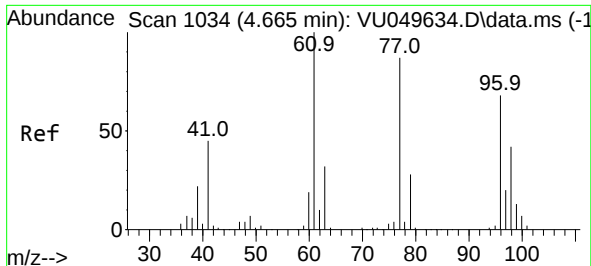
Ion Ratio Lower Upper

83 100

55 76.1 63.0 94.4

98 44.7 35.7 53.5





#21

2,2-Dichloropropane

Concen: 18.078 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050213.D

Acq: 10 Aug 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 77 Resp: 23230

Ion Ratio Lower Upper

77 100

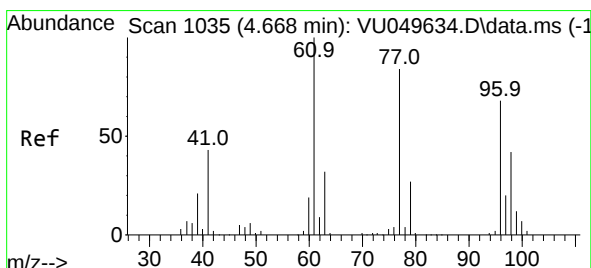
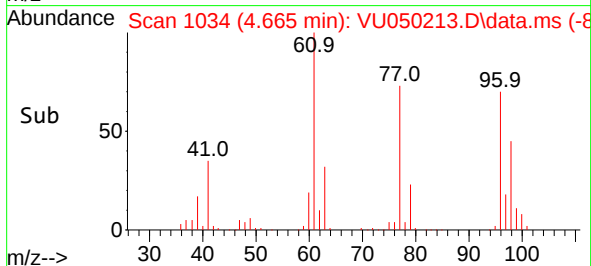
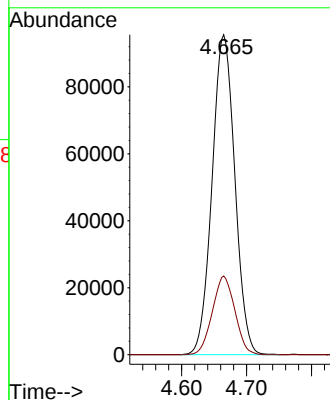
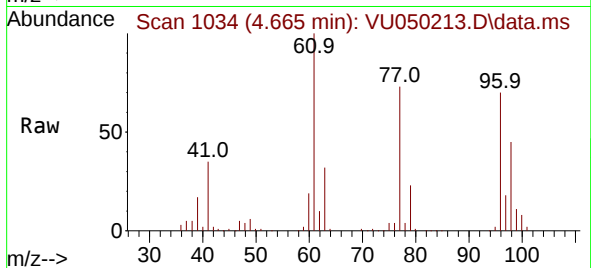
97 24.3 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#22

cis-1,2-Dichloroethene

Concen: 22.278 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU050213.D

Acq: 10 Aug 2022 11:26

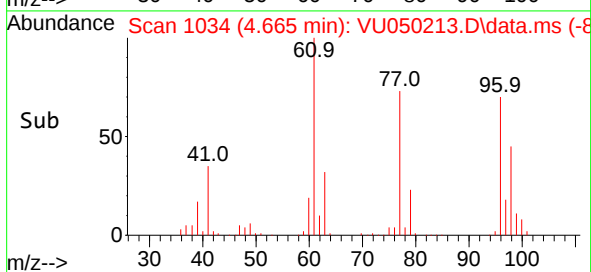
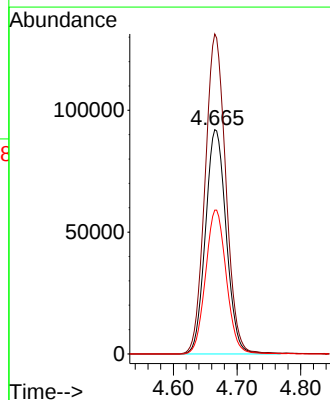
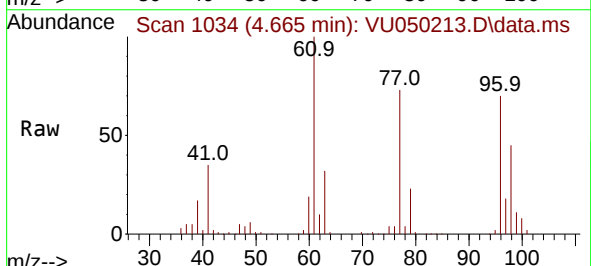
Tgt Ion: 96 Resp: 208638

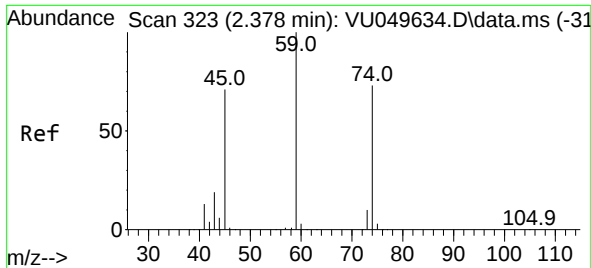
Ion Ratio Lower Upper

96 100

61 142.2 0.0 375.8

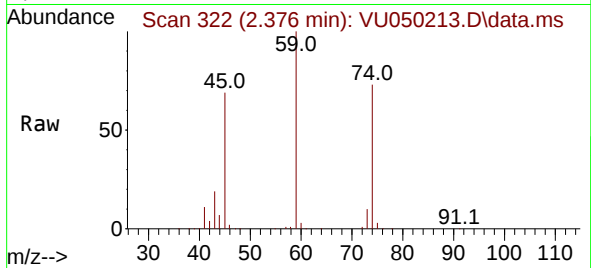
98 64.1 31.6 95.0





#23
Diethyl Ether
Concen: 23.163 ug/l
RT: 2.376 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

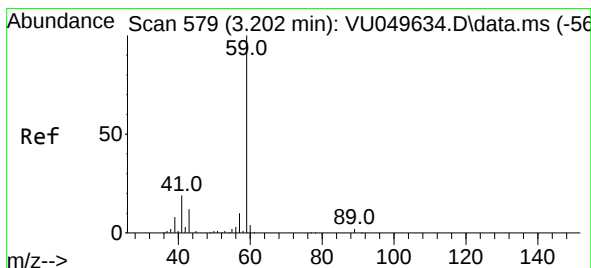
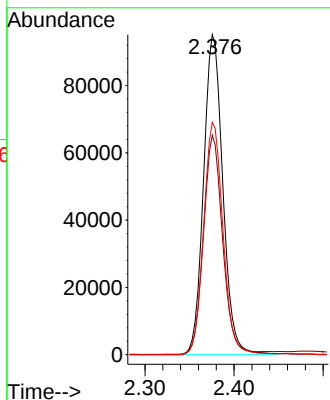
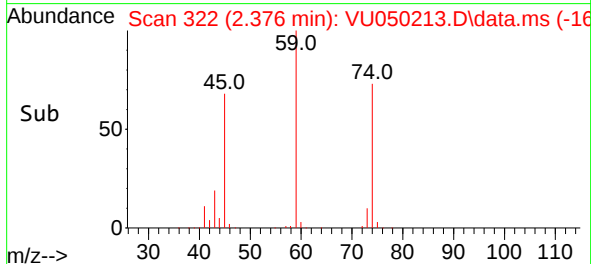
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



Tgt Ion: 59 Resp: 142680
Ion Ratio Lower Upper
59 100
45 67.9 56.0 84.0
74 73.1 57.6 86.4

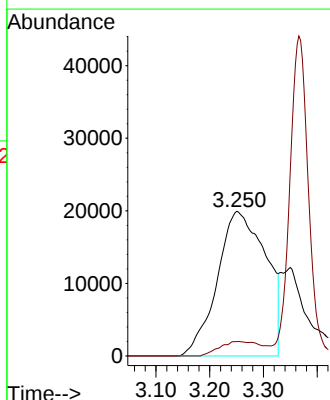
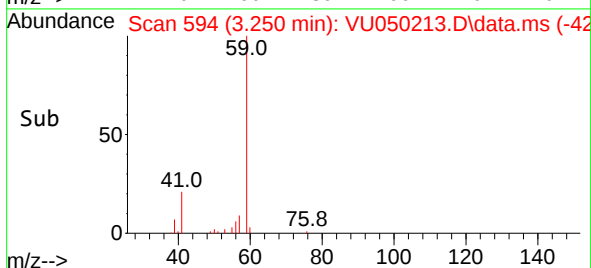
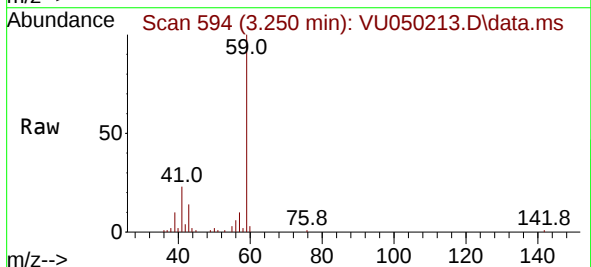
Manual Integrations
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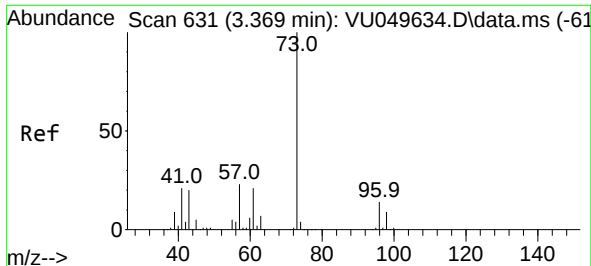
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#24
tert-Butyl Alcohol
Concen: 177.994 ug/l
RT: 3.250 min Scan# 594
Delta R.T. 0.048 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

Tgt Ion: 59 Resp: 125096
Ion Ratio Lower Upper
59 100
57 5.8 8.2 12.2#





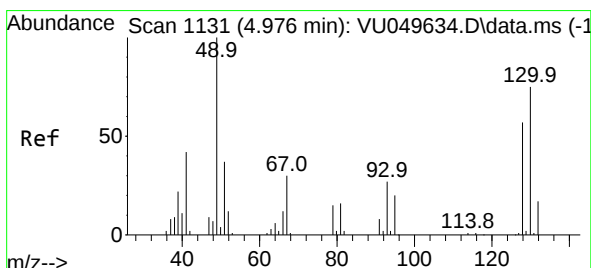
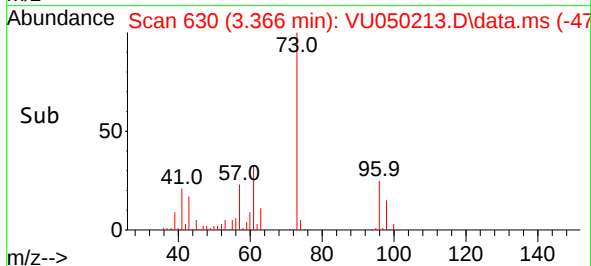
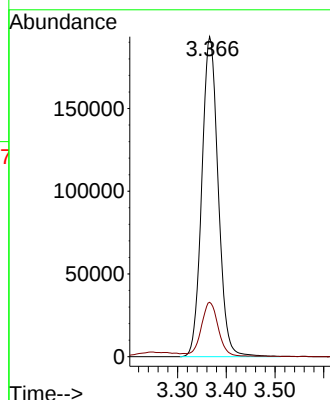
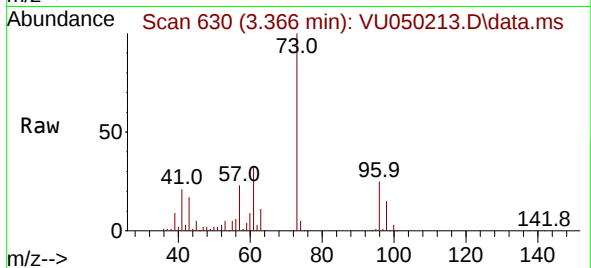
#25
Methyl tert-Butyl Ether
Concen: 22.332 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 45155
Ion Ratio Lower Upper
73 100
43 17.7 15.9 23.9

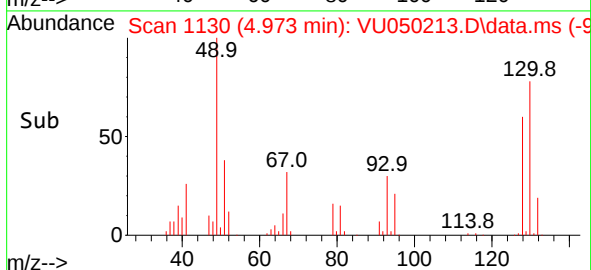
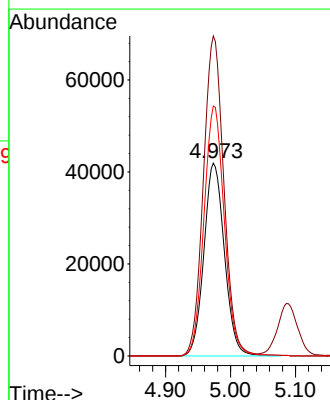
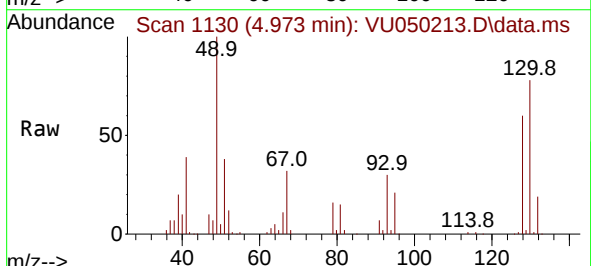
Manual Integrations
APPROVED

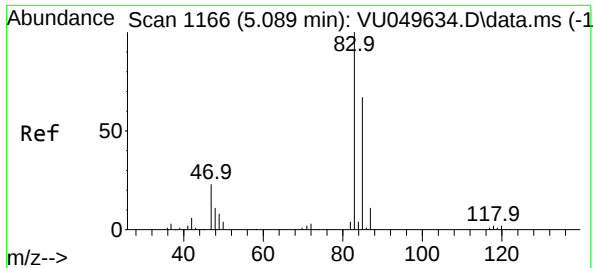
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#26
Bromochloromethane
Concen: 23.378 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

Tgt Ion:128 Resp: 92173
Ion Ratio Lower Upper
128 100
49 165.3 0.0 349.2
130 129.4 103.0 154.6





#27

Chloroform

Concen: 22.210 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050213.D

Acq: 10 Aug 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 34319

Ion Ratio Lower Upper

83 100

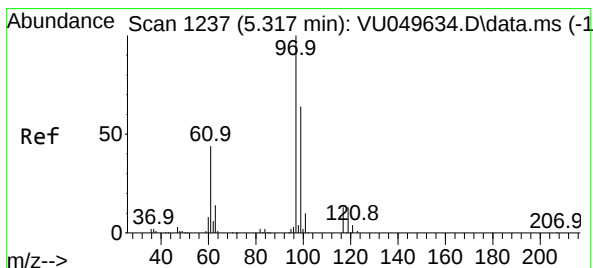
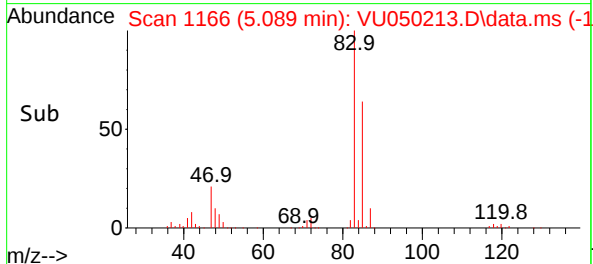
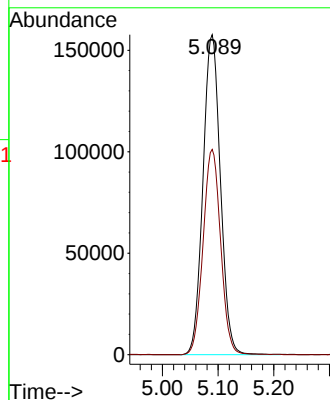
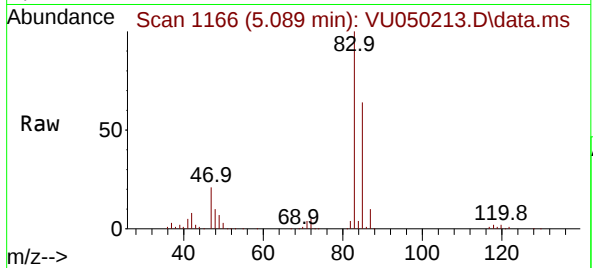
85 64.2 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#28

1,1,1-Trichloroethane

Concen: 20.325 ug/l

RT: 5.318 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU050213.D

Acq: 10 Aug 2022 11:26

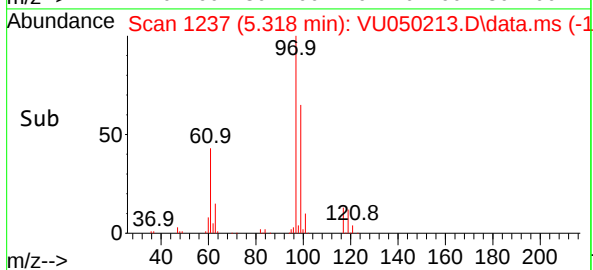
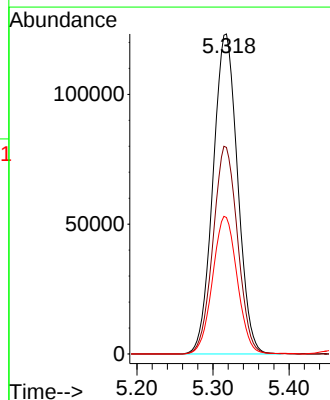
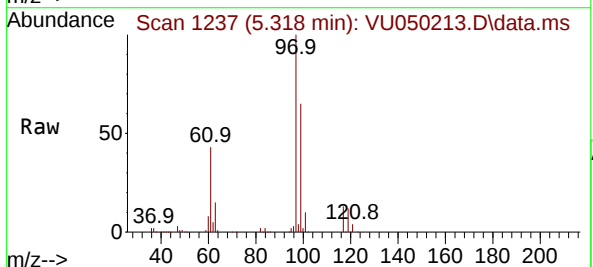
Tgt Ion: 97 Resp: 276975

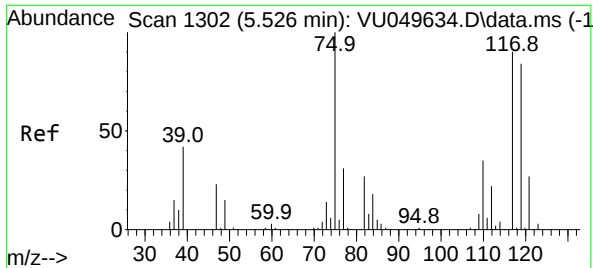
Ion Ratio Lower Upper

97 100

99 64.8 32.1 96.5

61 43.1 21.8 65.4





#29

1,1-Dichloropropene

Concen: 20.081 ug/l

RT: 5.527 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU050213.D

Acq: 10 Aug 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 244384

Ion Ratio Lower Upper

75 100

110 35.3 17.3 52.0

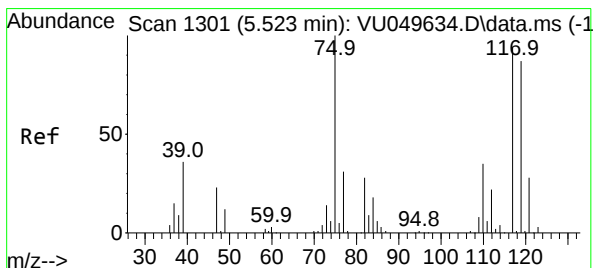
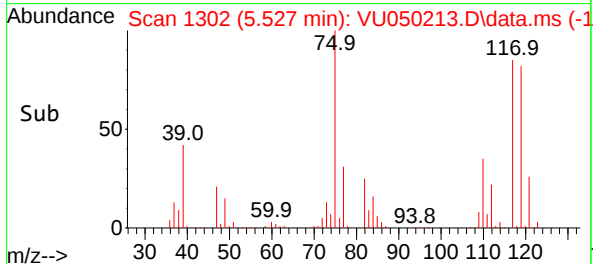
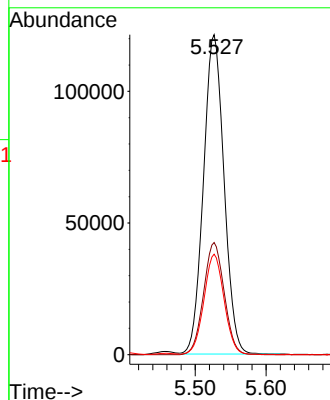
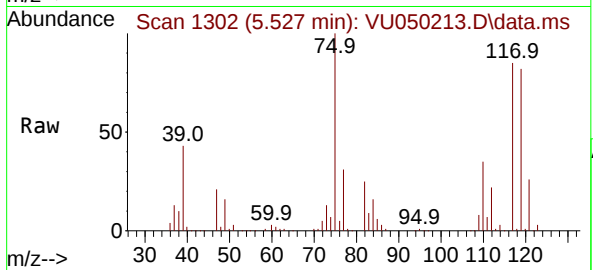
77 31.0 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#30

Carbon Tetrachloride

Concen: 19.941 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VU050213.D

Acq: 10 Aug 2022 11:26

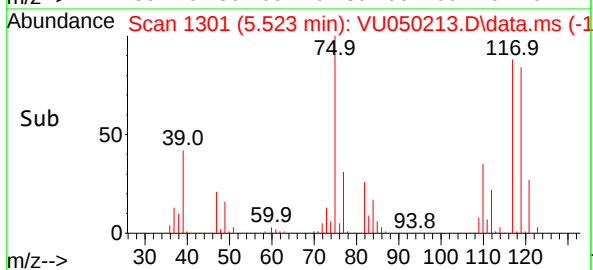
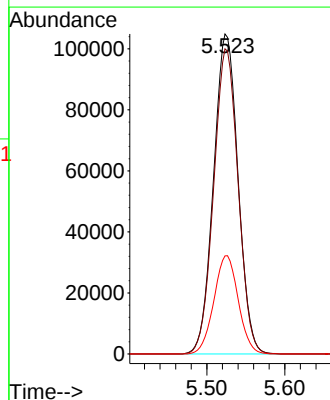
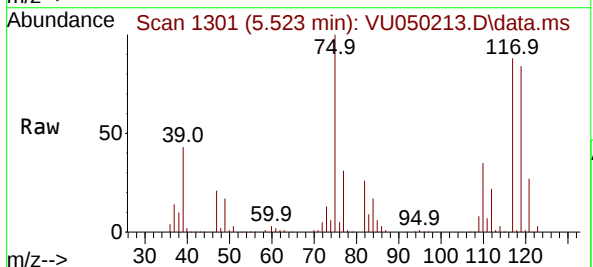
Tgt Ion:117 Resp: 228816

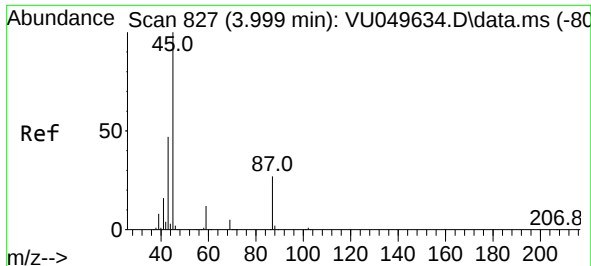
Ion Ratio Lower Upper

117 100

119 95.4 74.6 112.0

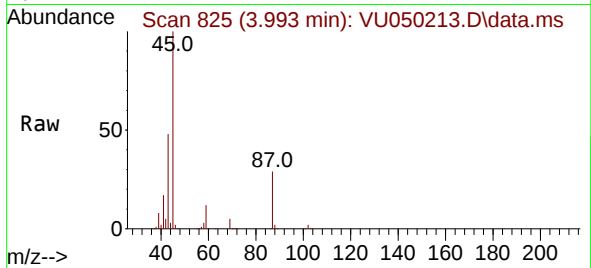
121 30.7 24.2 36.4





#31
Isopropyl Ether
Concen: 19.533 ug/l
RT: 3.993 min Scan# 81
Delta R.T. -0.006 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

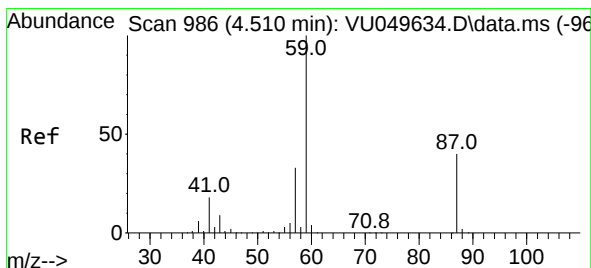
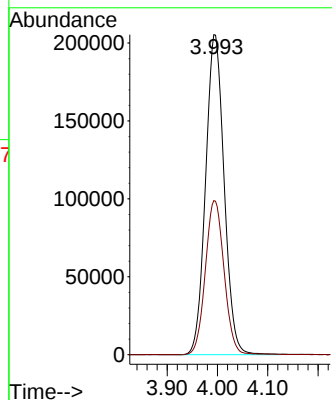
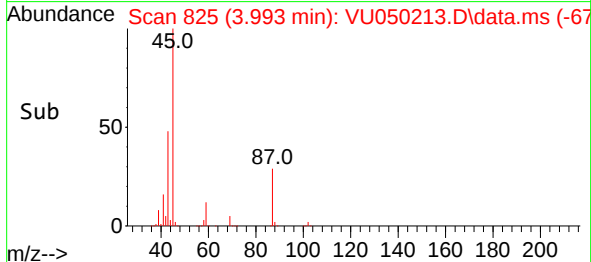
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



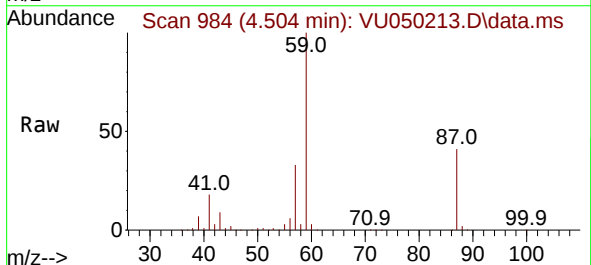
Tgt Ion: 45 Resp: 52601
Ion Ratio Lower Upper
45 100
43 48.7 23.8 71.2

Manual Integrations
APPROVED

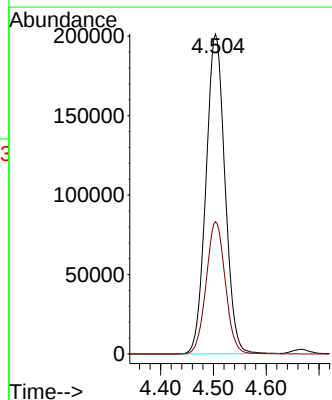
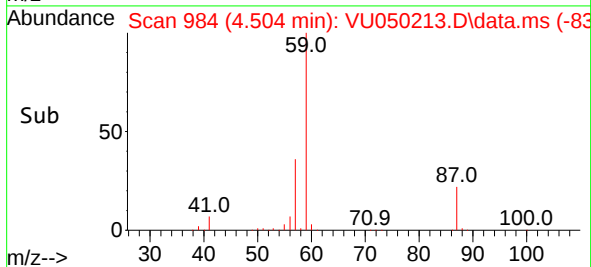
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

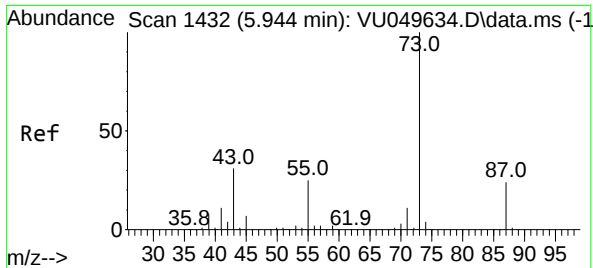


#32
Ethyl-t-butyl ether
Concen: 19.652 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.006 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26



Tgt Ion: 59 Resp: 500912
Ion Ratio Lower Upper
59 100
87 41.6 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 20.320 ug/l
RT: 5.941 min Scan# 1432
Delta R.T. -0.003 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

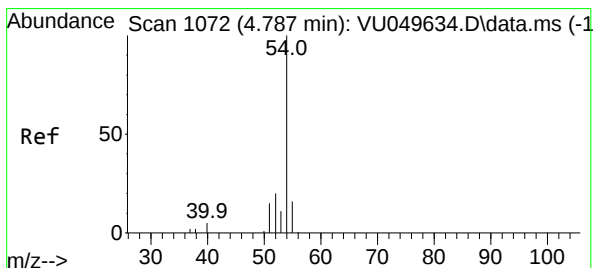
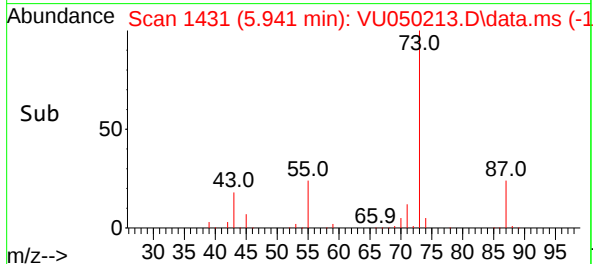
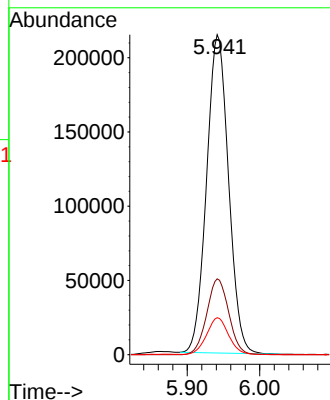
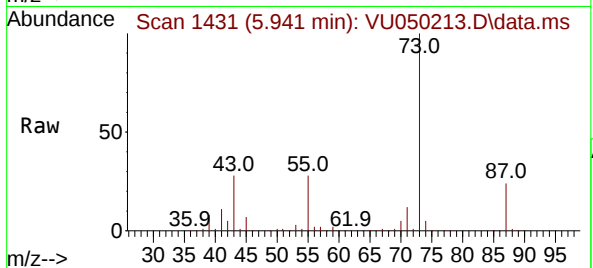
VSTDICC020

Tgt Ion: 73 Resp: 450319
Ion Ratio Lower Upper
73 100
87 24.0 19.7 29.5
71 11.6 9.0 13.4

Manual Integrations

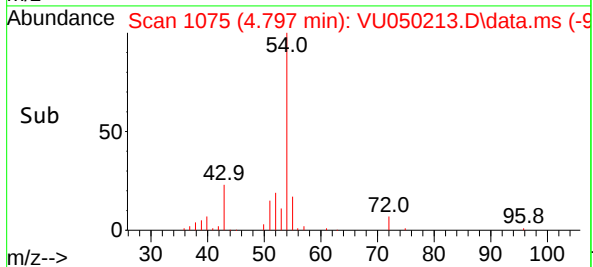
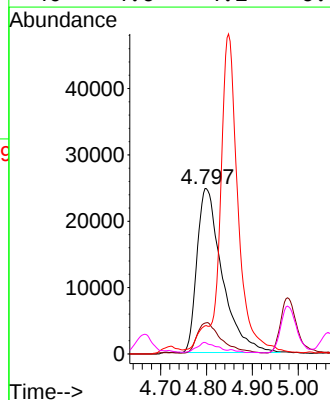
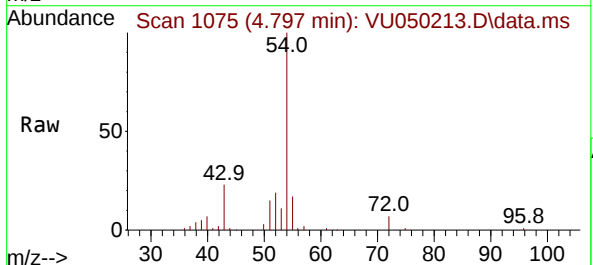
APPROVED

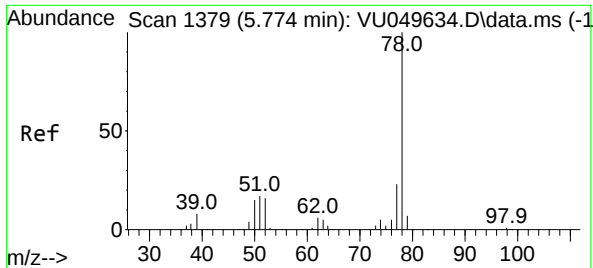
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#34
Propionitrile
Concen: 126.248 ug/l
RT: 4.797 min Scan# 1075
Delta R.T. 0.010 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

Tgt Ion: 54 Resp: 94129
Ion Ratio Lower Upper
54 100
52 17.9 15.0 22.6
55 8.7 12.6 19.0#
40 4.6 4.2 6.4





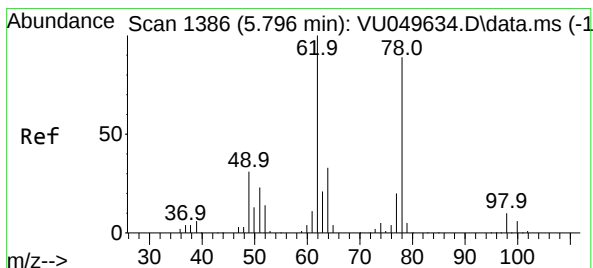
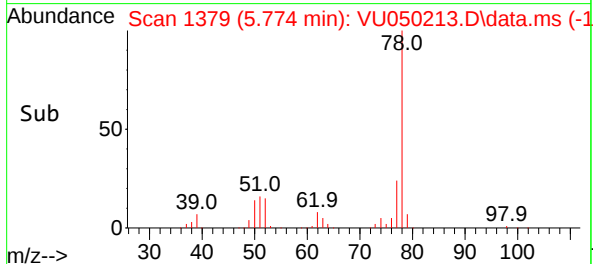
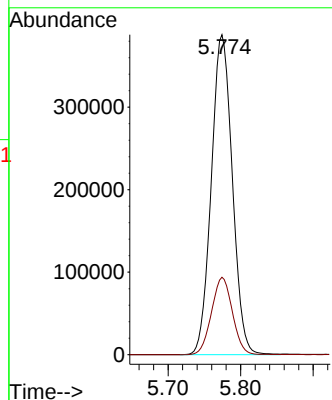
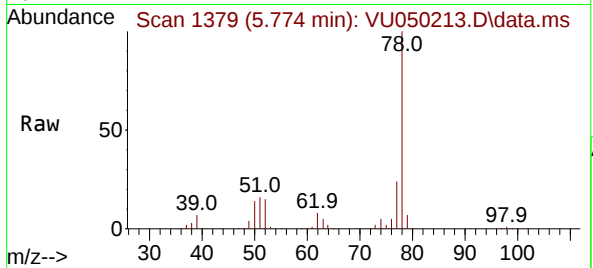
#35
Benzene
Concen: 22.505 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 78 Resp: 780410
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0

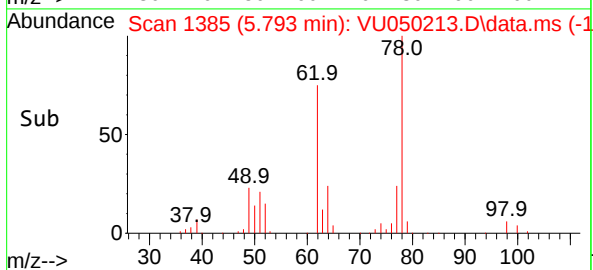
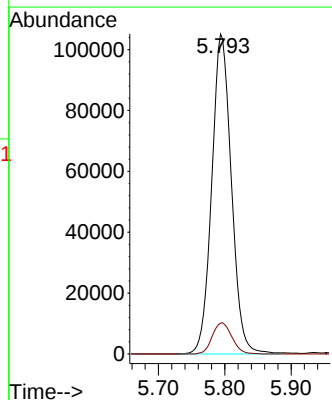
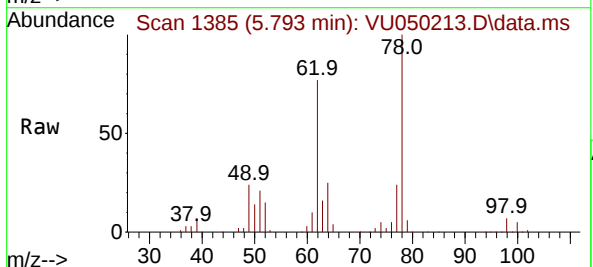
Manual Integrations
APPROVED

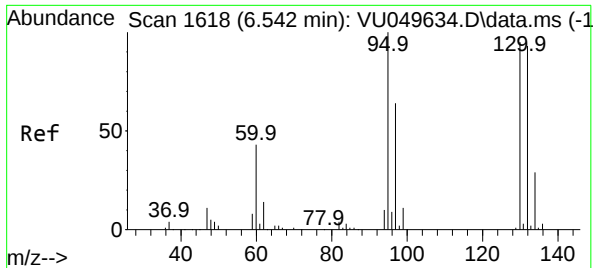
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#36
1,2-Dichloroethane
Concen: 21.927 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. -0.003 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

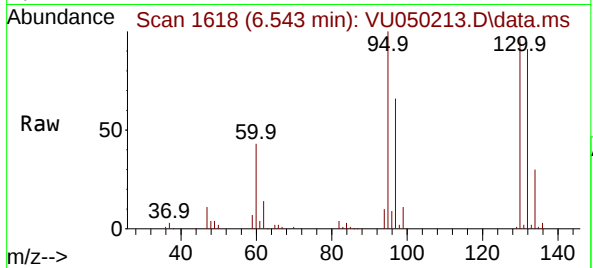
Tgt Ion: 62 Resp: 216205
Ion Ratio Lower Upper
62 100
98 9.7 7.4 11.0





#37
Trichloroethene
Concen: 20.716 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

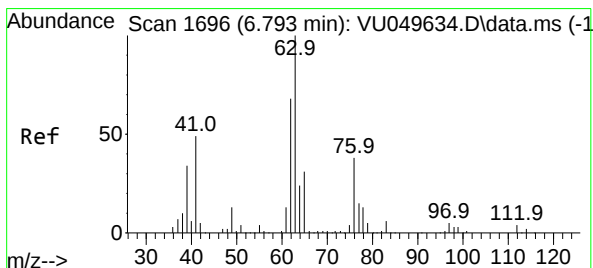
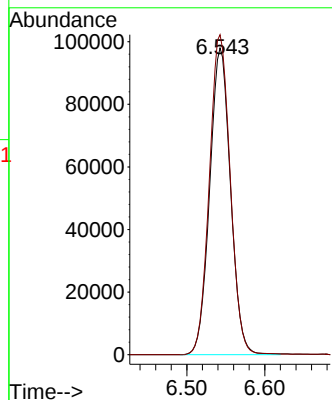
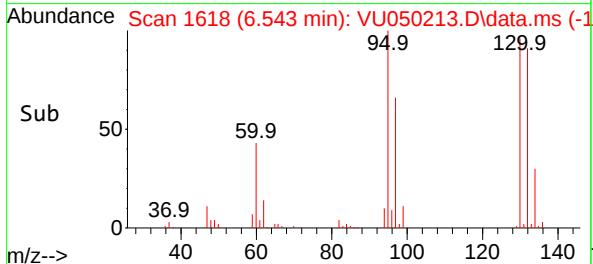
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



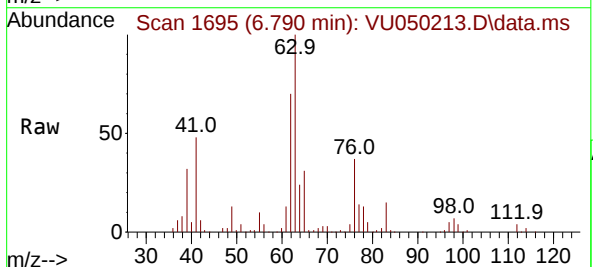
Tgt Ion:130 Resp: 18155
Ion Ratio Lower Upper
130 100
95 104.3 83.8 125.8

Manual Integrations
APPROVED

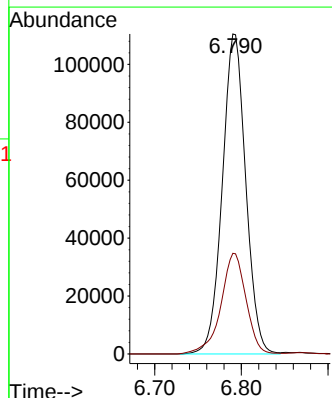
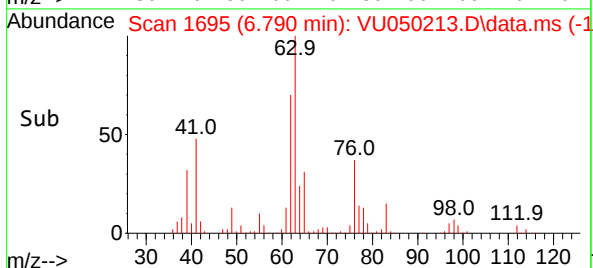
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

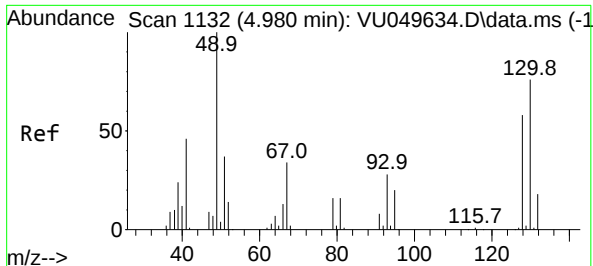


#38
1,2-Dichloropropane
Concen: 22.604 ug/l
RT: 6.790 min Scan# 1695
Delta R.T. -0.003 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26



Tgt Ion: 63 Resp: 207524
Ion Ratio Lower Upper
63 100
65 31.3 25.0 37.4





#39

Methacrylonitrile

Concen: 20.391 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VU050213.D

Acq: 10 Aug 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 41 Resp: 6513

Ion Ratio Lower Upper

41 100

67 86.2 59.4 89.0

39 51.1 42.2 63.2

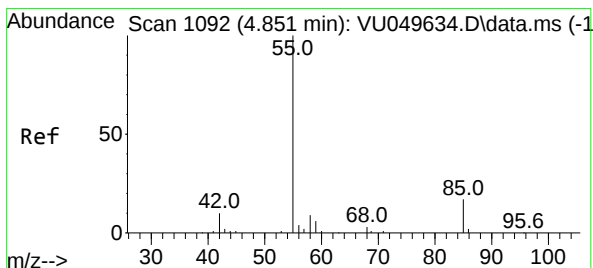
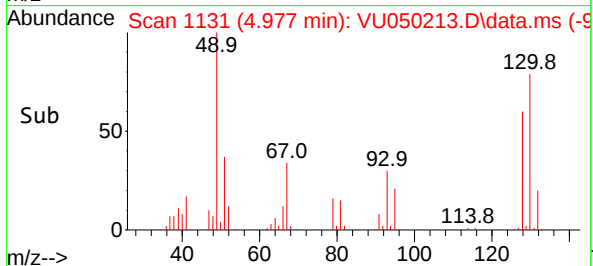
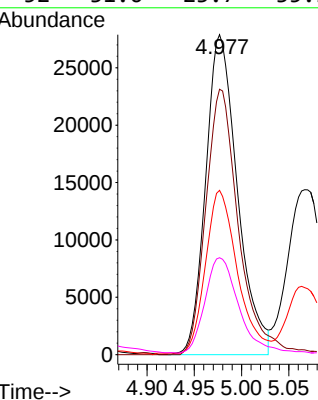
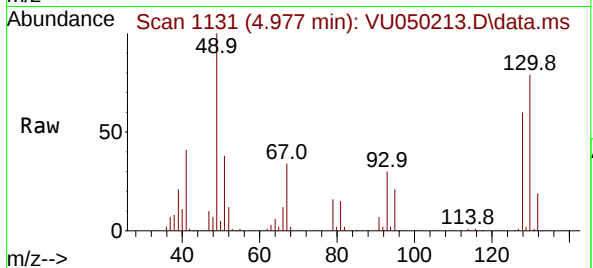
52 31.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#40

Methyl acrylate

Concen: 24.797 ug/l

RT: 4.848 min Scan# 1091

Delta R.T. -0.003 min

Lab File: VU050213.D

Acq: 10 Aug 2022 11:26

Tgt Ion: 55 Resp: 124052

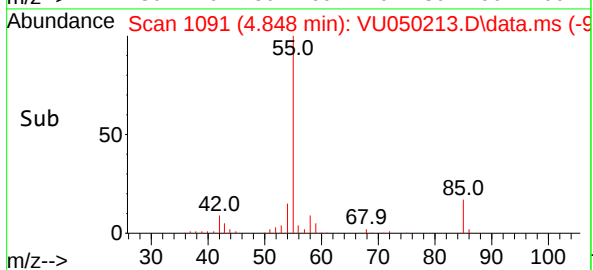
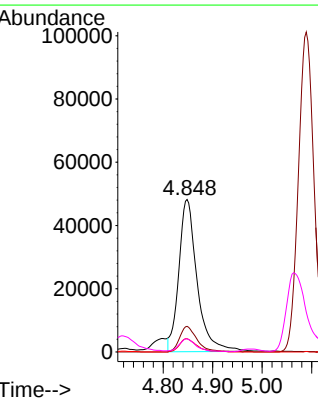
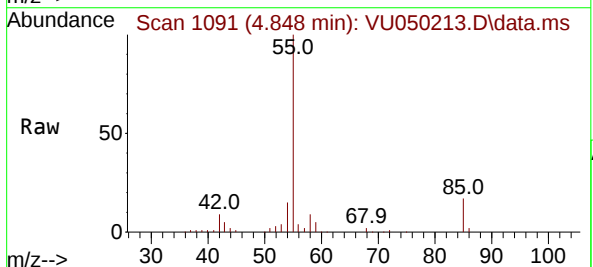
Ion Ratio Lower Upper

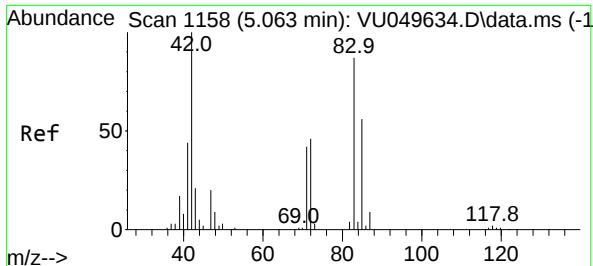
55 100

85 16.1 13.5 20.3

58 8.3 7.0 10.4

42 7.9 7.0 10.6





#41

Tetrahydrofuran

Concen: 38.453 ug/l

RT: 5.064 min Scan# 1158

Delta R.T. 0.001 min

Lab File: VU050213.D

Acq: 10 Aug 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

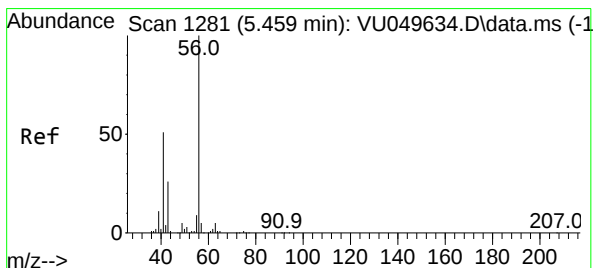
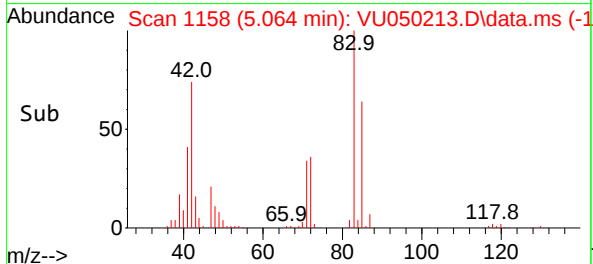
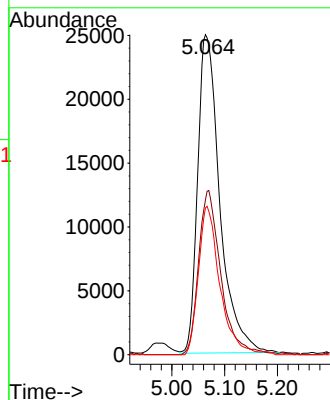
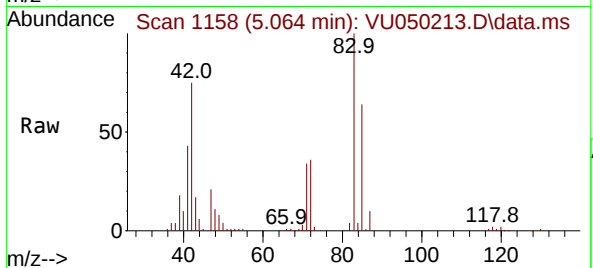
Tgt Ion:	42	Resp:	7261
Ion Ratio	Lower	Upper	
42	100		
72	51.9	38.9	58.3
71	44.9	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#42

1-Chlorobutane

Concen: 20.111 ug/l

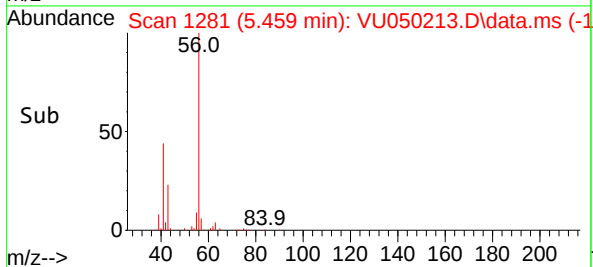
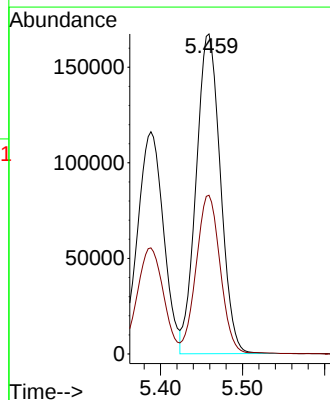
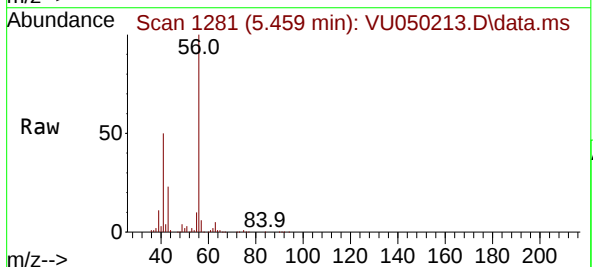
RT: 5.459 min Scan# 1281

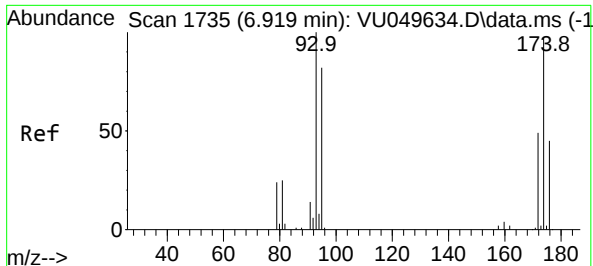
Delta R.T. 0.000 min

Lab File: VU050213.D

Acq: 10 Aug 2022 11:26

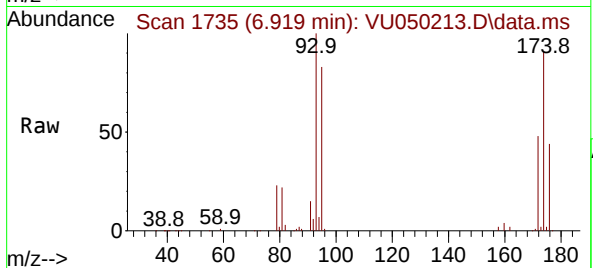
Tgt Ion:	56	Resp:	343214
Ion Ratio	Lower	Upper	
56	100		
41	49.3	26.4	79.2





#43
Dibromomethane
Concen: 23.622 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

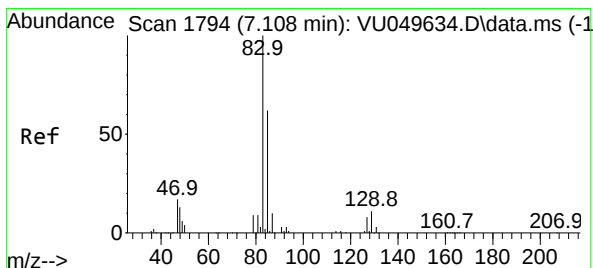
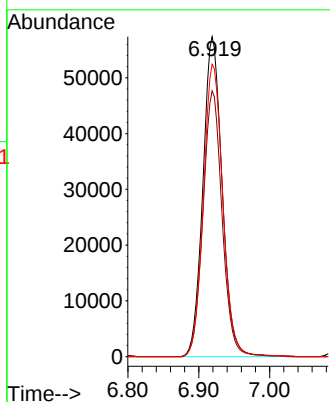
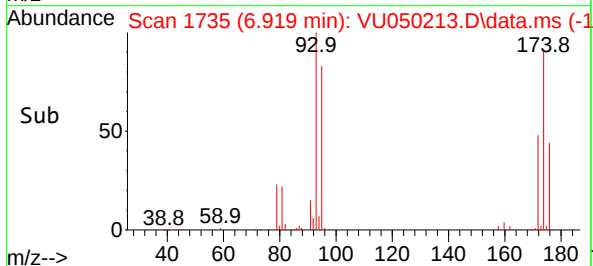
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



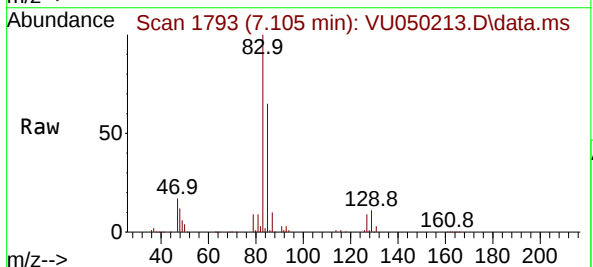
Tgt Ion: 93 Resp: 10806
Ion Ratio Lower Upper
93 100
95 82.6 65.0 97.6
174 92.5 76.3 114.5

Manual Integrations
APPROVED

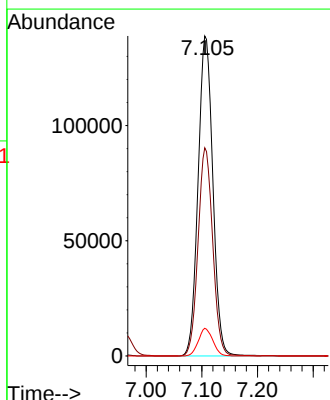
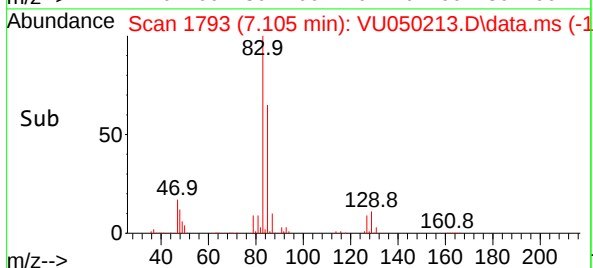
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#44
Bromodichloromethane
Concen: 23.320 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26



Tgt Ion: 83 Resp: 255687
Ion Ratio Lower Upper
83 100
85 65.0 49.4 74.0
127 8.6 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 107.064 ug/l

RT: 7.793 min Scan# 2008

Delta R.T. -0.003 min

Lab File: VU050213.D

Acq: 10 Aug 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 664708

Ion Ratio Lower Upper

43 100

58 43.9 20.3 61.0

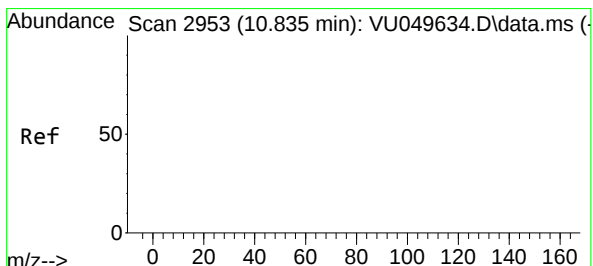
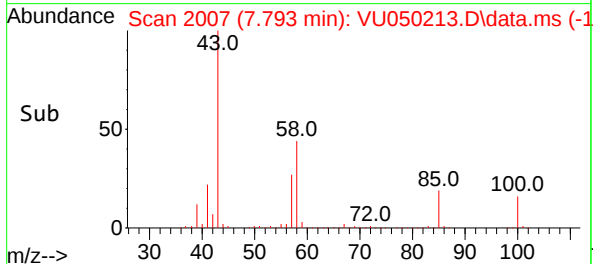
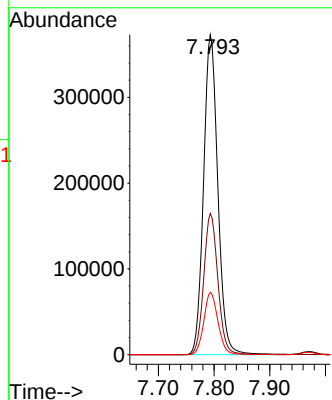
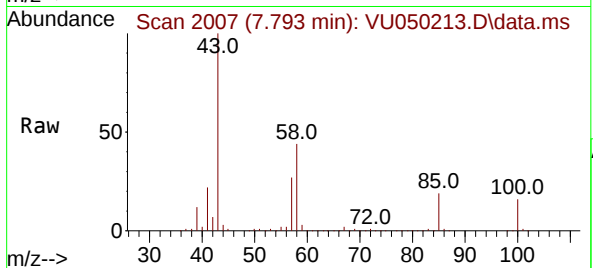
85 19.3 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#46

t-1,4-Dichloro-2-butene

Concen: 49.160 ug/l m

RT: 10.835 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VU050213.D

Acq: 10 Aug 2022 11:26

Tgt Ion: 75 Resp: 99323

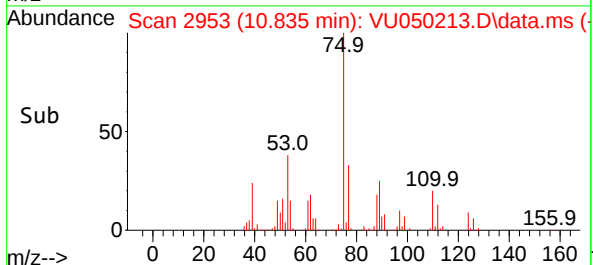
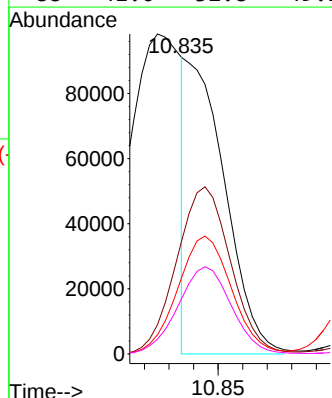
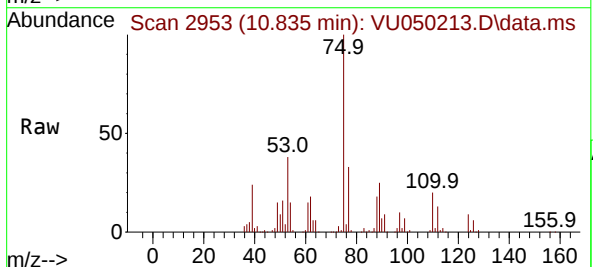
Ion Ratio Lower Upper

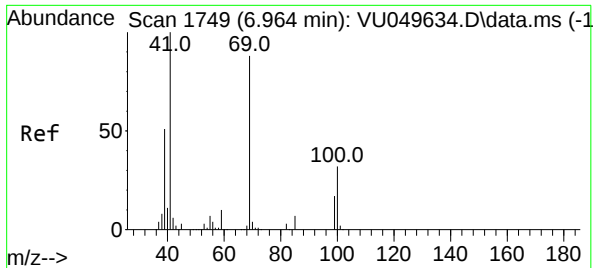
75 100

53 79.4 64.4 96.6

89 55.8 44.2 66.2

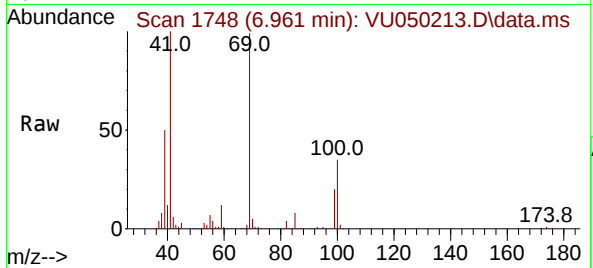
88 41.0 32.8 49.2





#47
Methyl methacrylate
Concen: 47.414 ug/l
RT: 6.961 min Scan# 1748
Delta R.T. -0.003 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

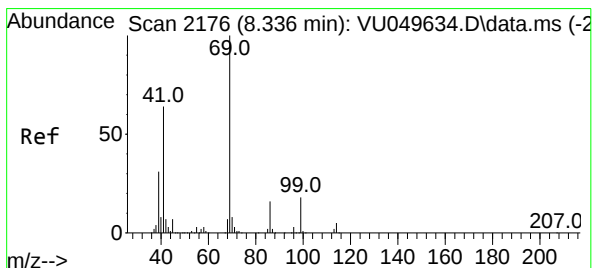
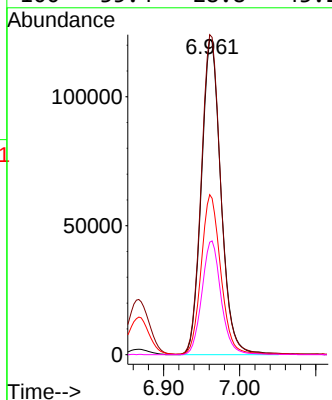
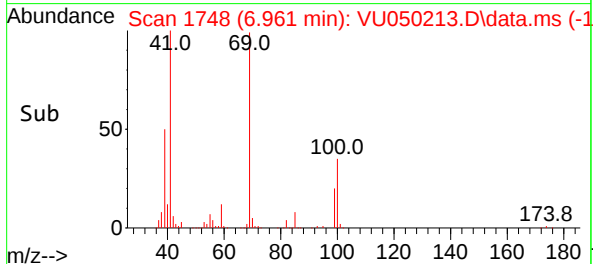
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



Tgt Ion: 69 Resp: 218700
Ion Ratio Lower Upper
69 100
41 101.0 0.0 225.4
39 50.4 45.8 68.8
100 35.4 28.8 43.2

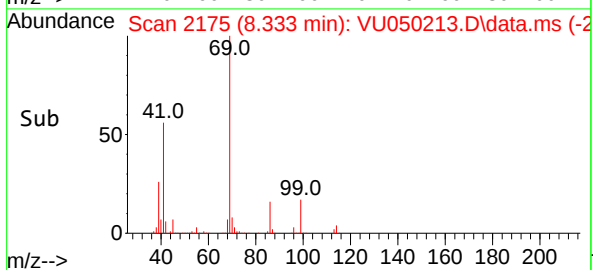
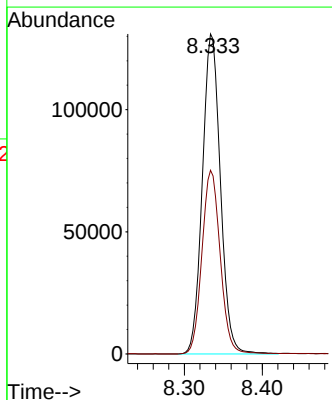
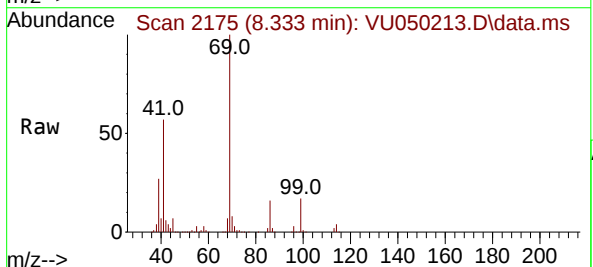
Manual Integrations
APPROVED

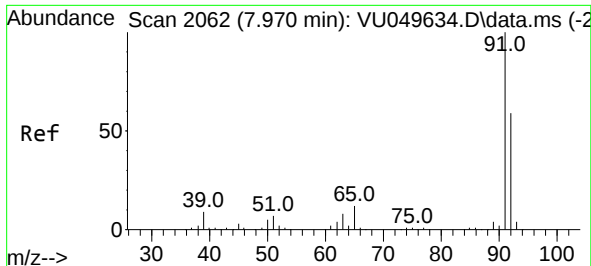
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#48
Ethyl methacrylate
Concen: 22.788 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.003 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

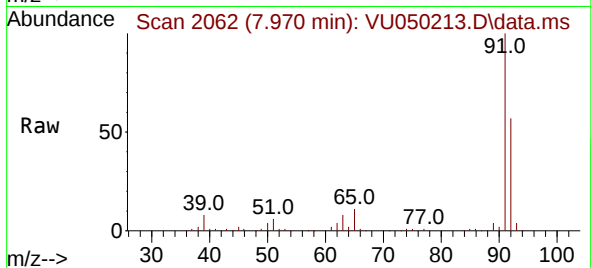
Tgt Ion: 69 Resp: 210876
Ion Ratio Lower Upper
69 100
41 58.0 32.3 96.9





#49
Toluene
Concen: 22.586 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

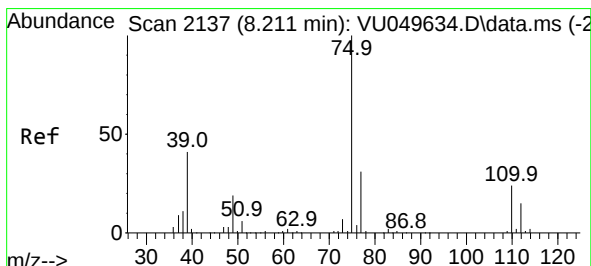
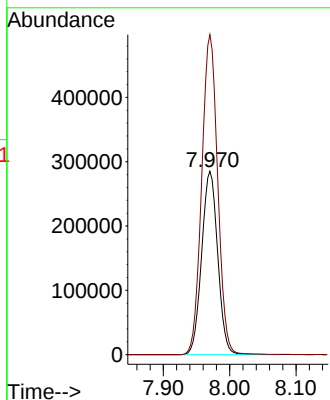
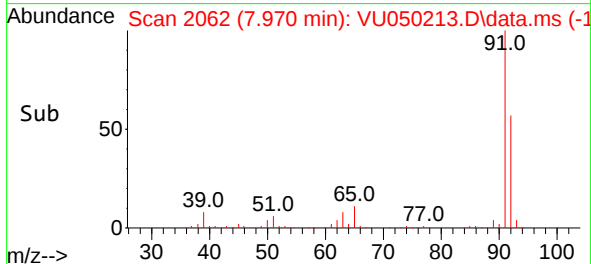
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion: 92 Resp: 478284
Ion Ratio Lower Upper
92 100
91 174.4 138.6 207.8

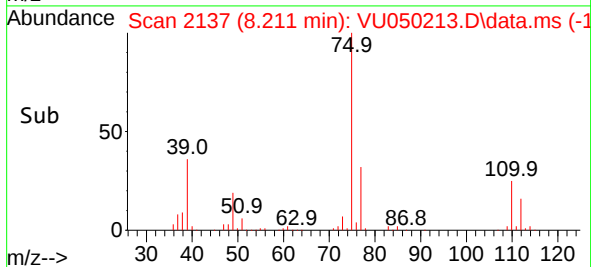
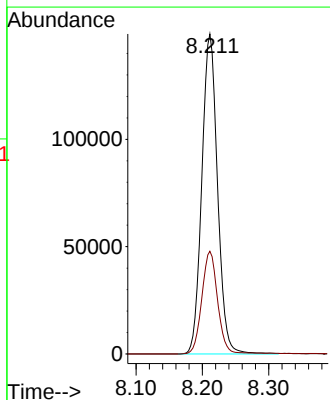
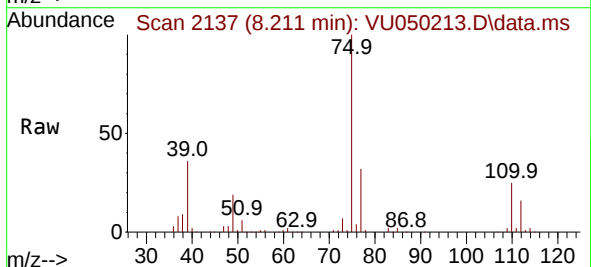
Manual Integrations
APPROVED

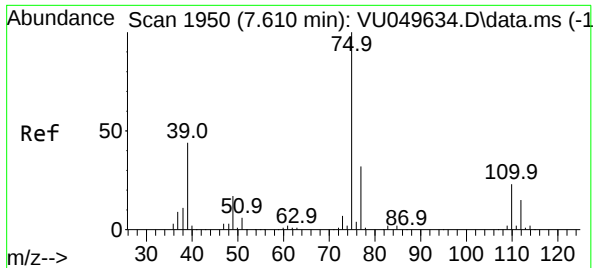
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#50
t-1,3-Dichloropropene
Concen: 23.165 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

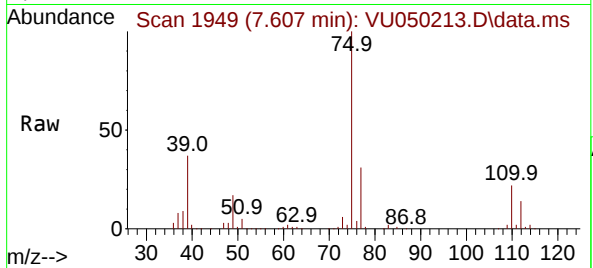
Tgt Ion: 75 Resp: 245326
Ion Ratio Lower Upper
75 100
77 32.1 24.7 37.1





#51
 cis-1,3-Dichloropropene
 Concen: 22.758 ug/l
 RT: 7.607 min Scan# 1950
 Delta R.T. -0.003 min
 Lab File: VU050213.D
 Acq: 10 Aug 2022 11:26

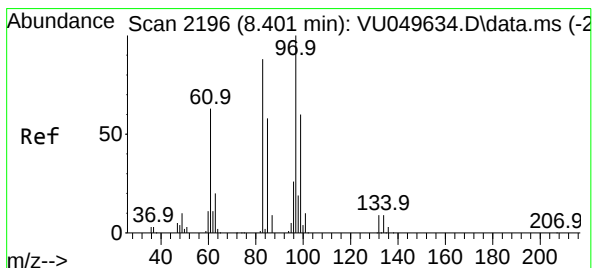
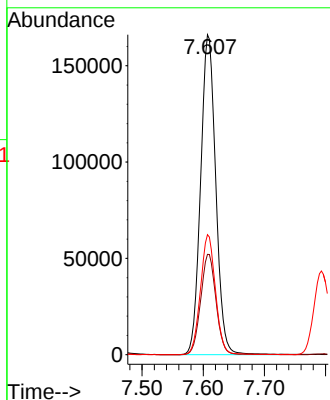
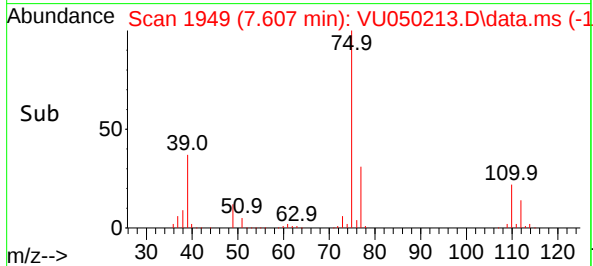
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020



Tgt Ion: 75 Resp: 285629
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0
 39 37.5 35.1 52.7

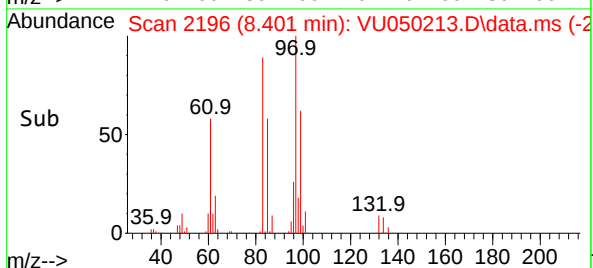
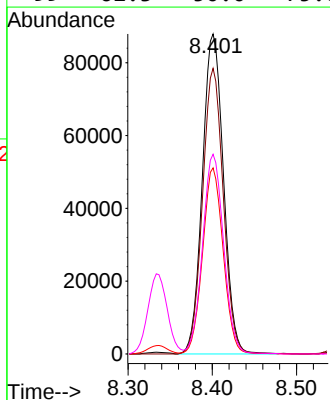
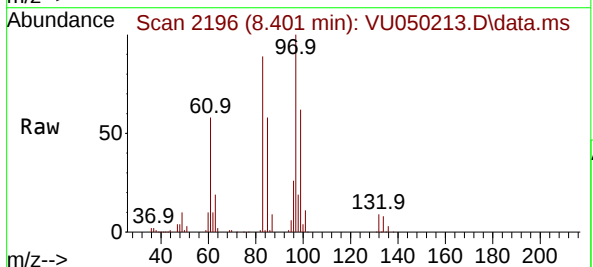
Manual Integrations
 APPROVED

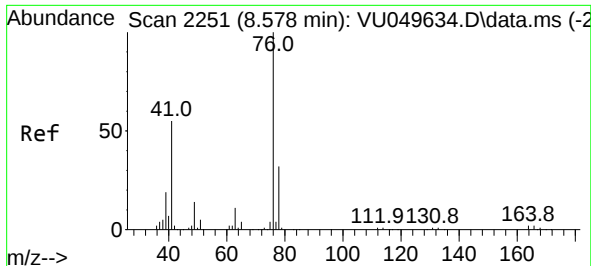
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#52
 1,1,2-Trichloroethane
 Concen: 24.311 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: VU050213.D
 Acq: 10 Aug 2022 11:26

Tgt Ion: 97 Resp: 153478
 Ion Ratio Lower Upper
 97 100
 83 89.2 70.6 106.0
 85 58.1 46.2 69.4
 99 62.3 50.0 75.0





#53

1,3-Dichloropropane

Concen: 23.418 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU050213.D

Acq: 10 Aug 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 265352

Ion Ratio Lower Upper

76 100

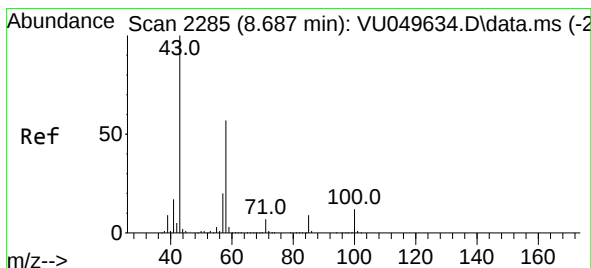
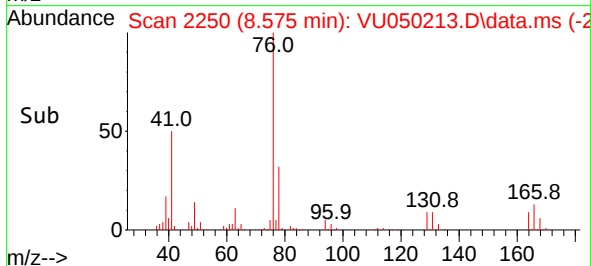
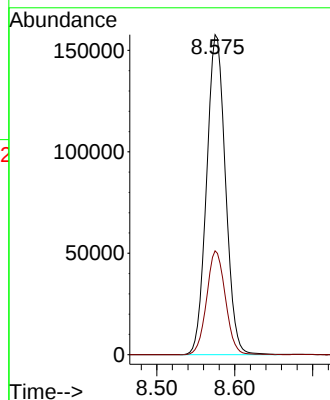
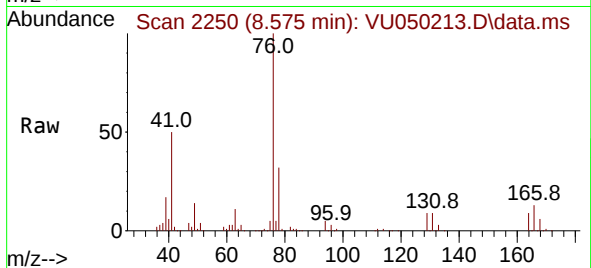
78 32.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#54

2-Hexanone

Concen: 108.021 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU050213.D

Acq: 10 Aug 2022 11:26

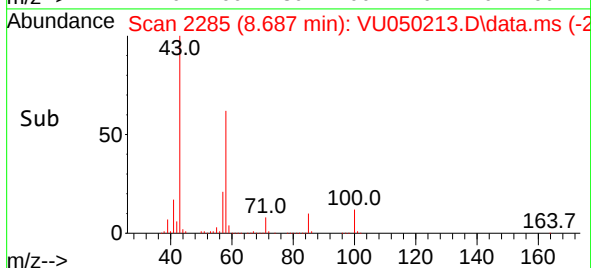
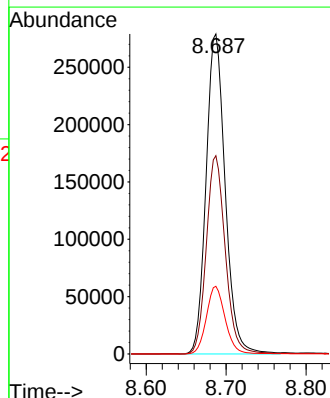
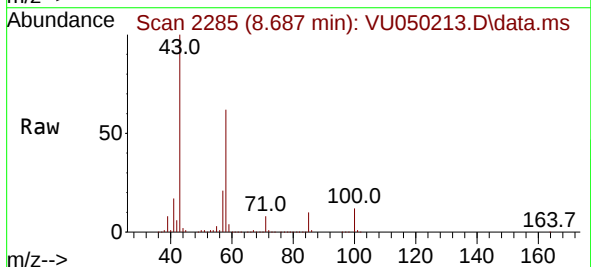
Tgt Ion: 43 Resp: 465769

Ion Ratio Lower Upper

43 100

58 61.4 37.1 77.1

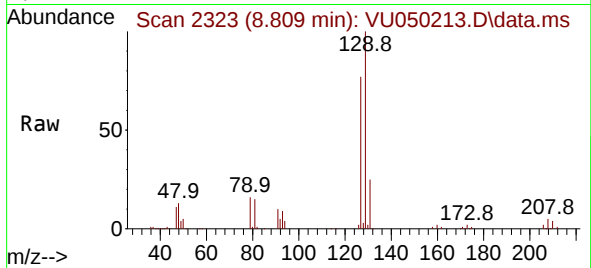
57 20.7 0.0 39.5





#55
Dibromochloromethane
Concen: 24.221 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

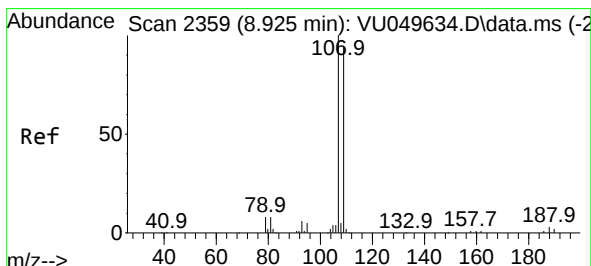
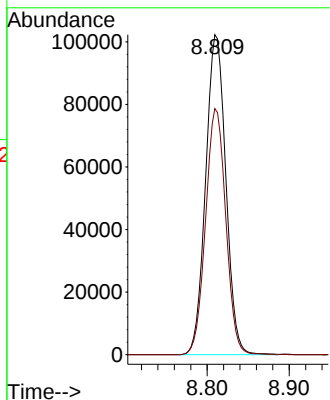
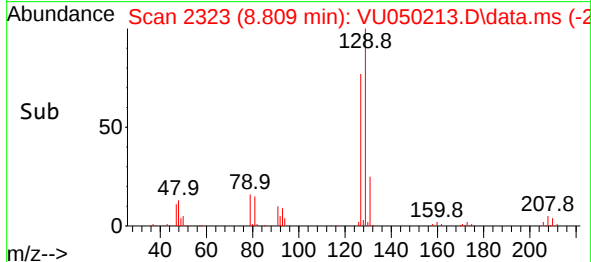
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



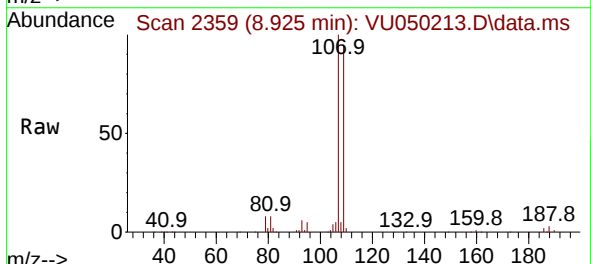
Tgt Ion:129 Resp: 174670
Ion Ratio Lower Upper
129 100
127 77.1 61.2 91.8

Manual Integrations
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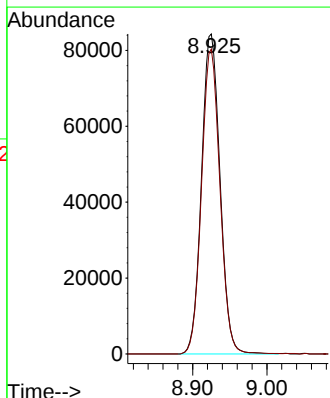
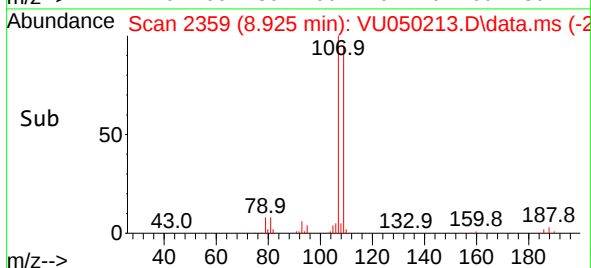
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#56
1,2-Dibromoethane
Concen: 23.870 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26



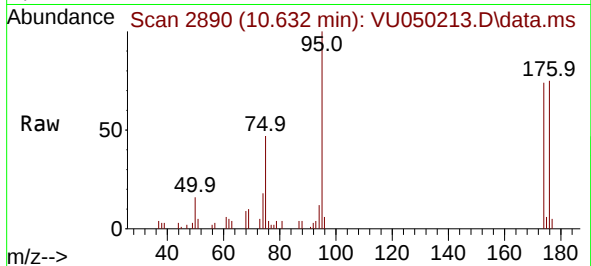
Tgt Ion:107 Resp: 145930
Ion Ratio Lower Upper
107 100
109 94.8 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 1.029 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

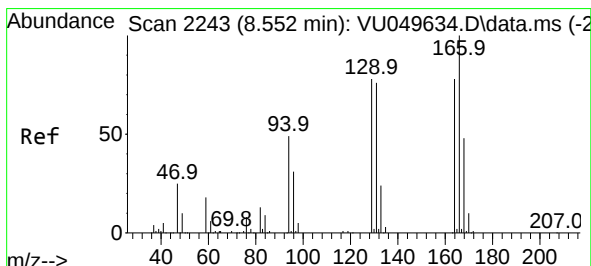
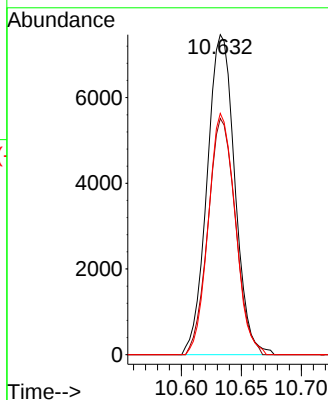
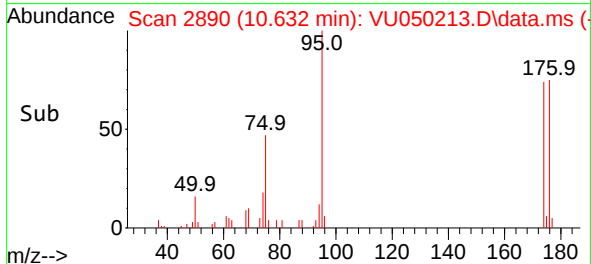
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



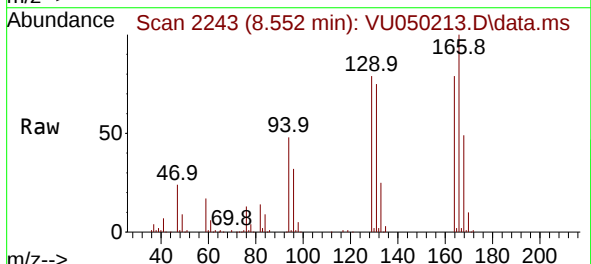
Tgt Ion: 95 Resp: 1202
Ion Ratio Lower Upper
95 100
174 73.0 62.4 93.6
176 73.0 56.2 84.2

Manual Integrations
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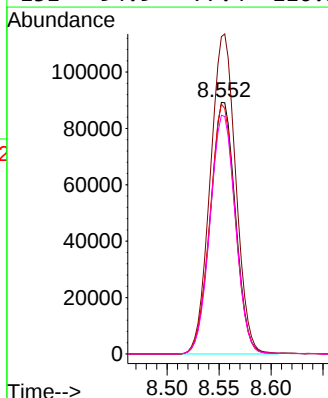
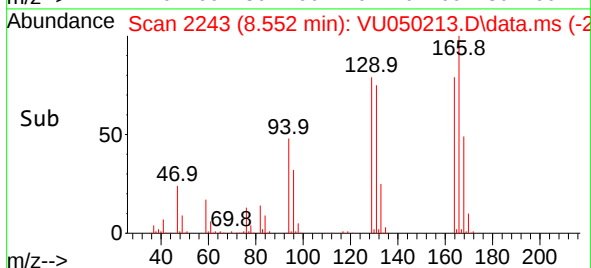
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

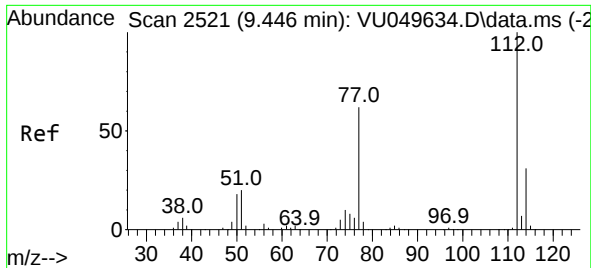


#58
Tetrachloroethene
Concen: 20.675 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26



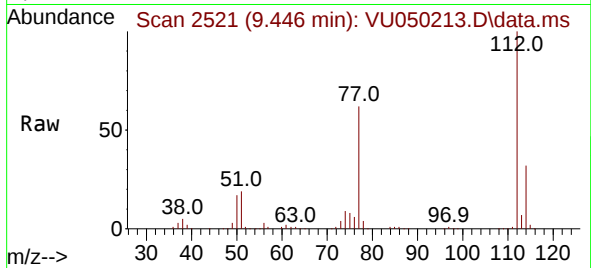
Tgt Ion:164 Resp: 150669
Ion Ratio Lower Upper
164 100
166 126.1 102.4 153.6
129 99.3 79.5 119.3
131 94.9 77.4 116.2





#59
Chlorobenzene
Concen: 22.421 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

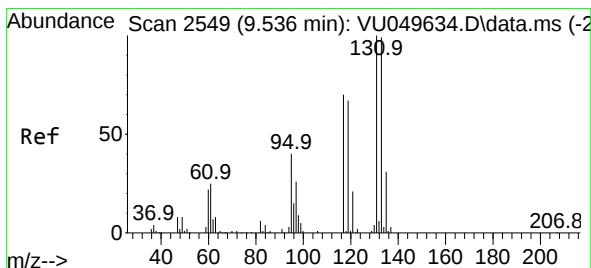
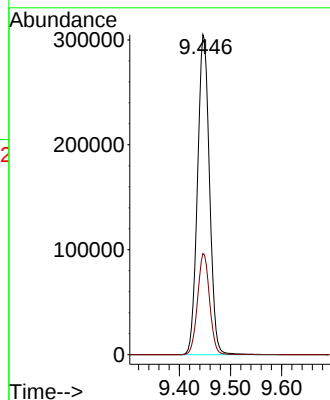
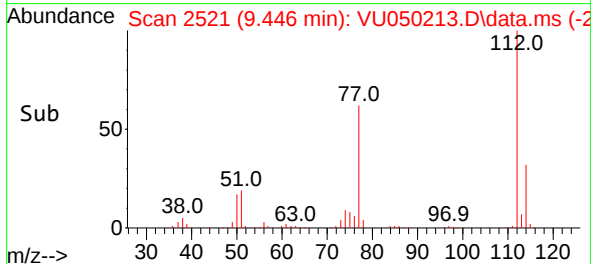
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



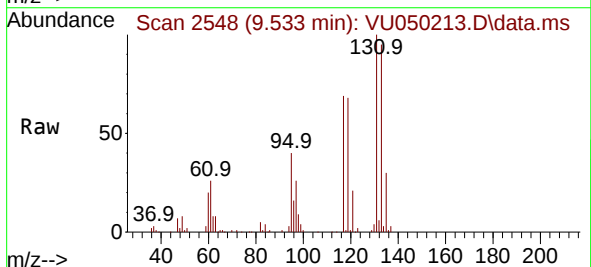
Tgt Ion:112 Resp: 49672
Ion Ratio Lower Upper
112 100
114 31.6 24.9 37.3

Manual Integrations
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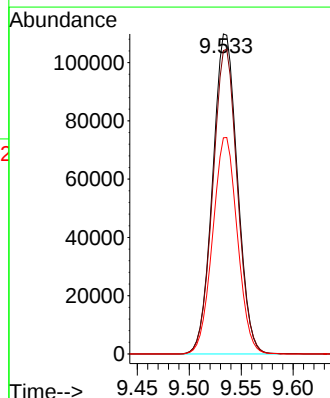
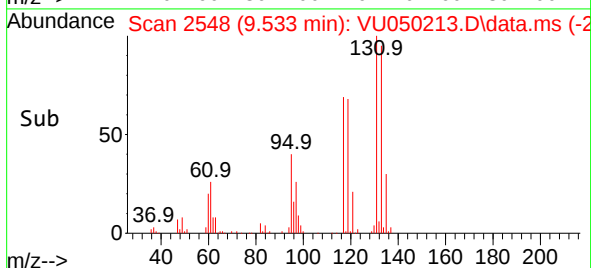
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

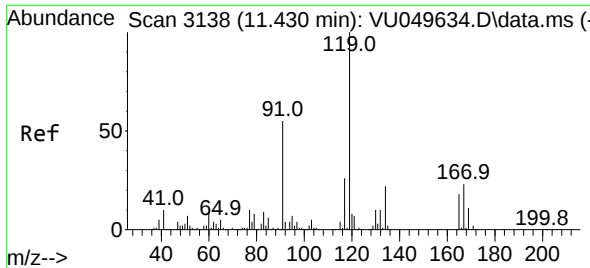


#60
1,1,1,2-Tetrachloroethane
Concen: 23.080 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.003 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26



Tgt Ion:131 Resp: 181870
Ion Ratio Lower Upper
131 100
133 95.0 78.3 117.5
119 67.7 53.2 79.8





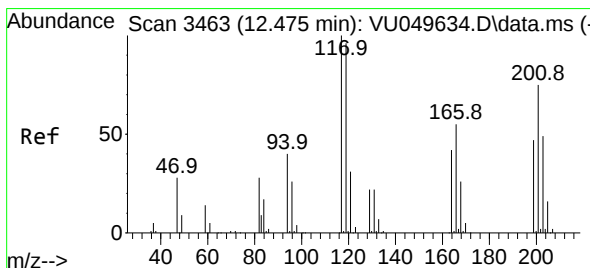
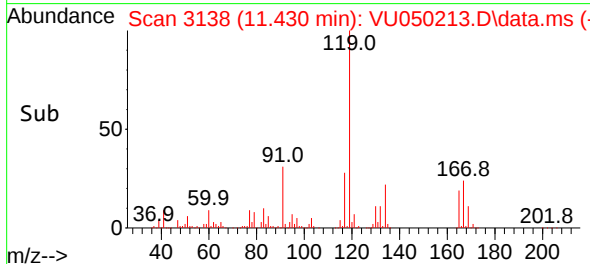
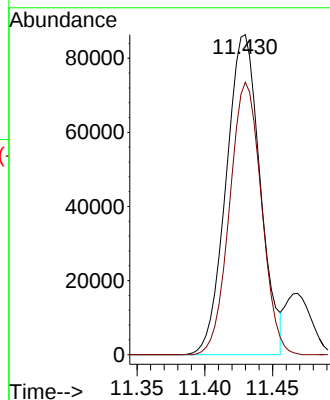
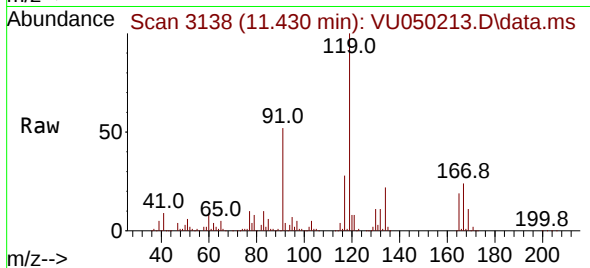
#61
Pentachloroethane
Concen: 24.905 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 150678
Ion Ratio Lower Upper
117 100
167 79.6 66.2 99.4

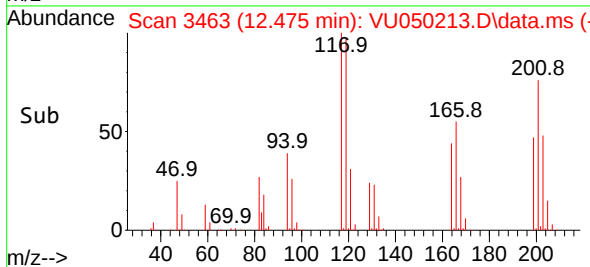
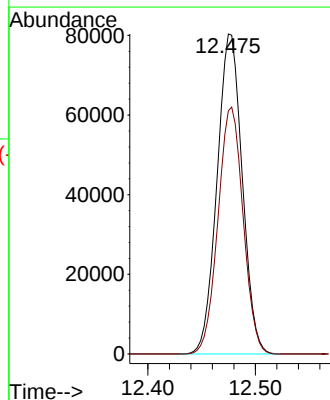
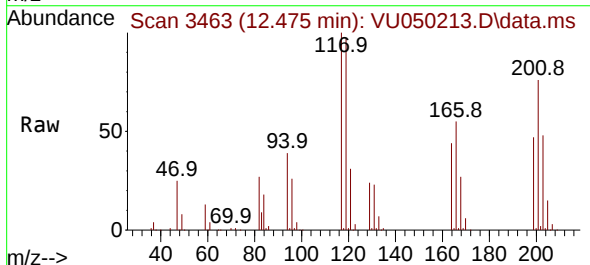
Manual Integrations
APPROVED

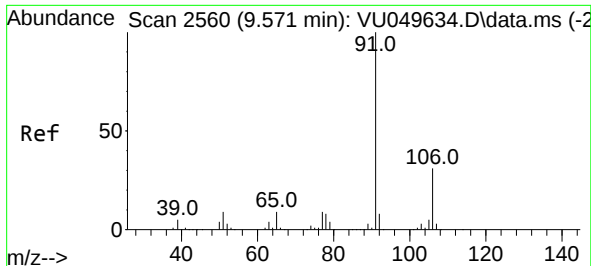
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#62
Hexachloroethane
Concen: 21.568 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

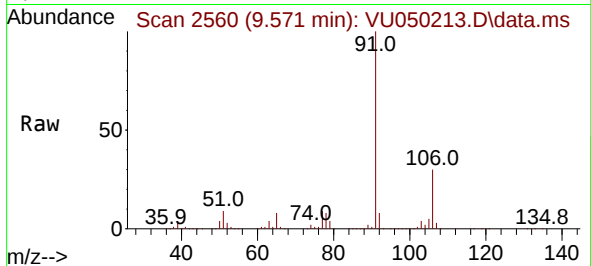
Tgt Ion:117 Resp: 130702
Ion Ratio Lower Upper
117 100
201 76.9 61.0 91.4





#63
Ethyl Benzene
Concen: 22.430 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

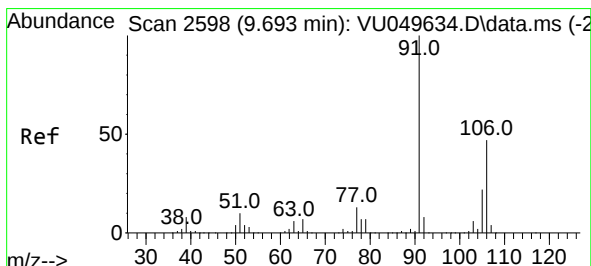
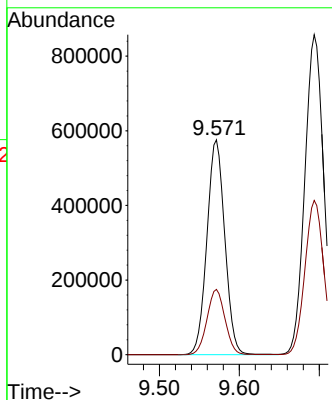
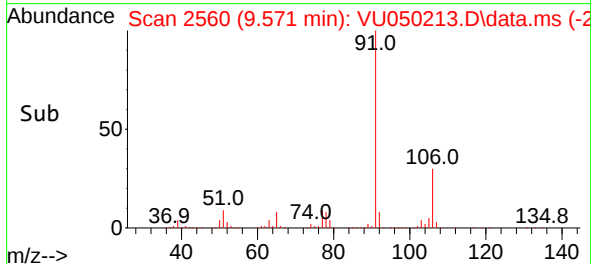
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



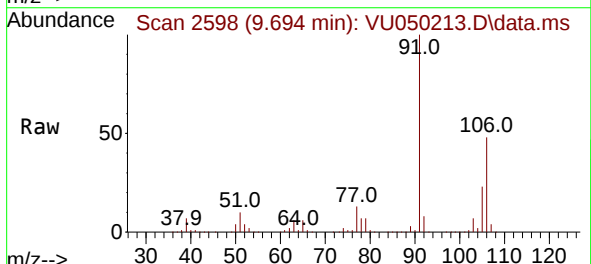
Tgt Ion: 91 Resp: 894360
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6

Manual Integrations
APPROVED

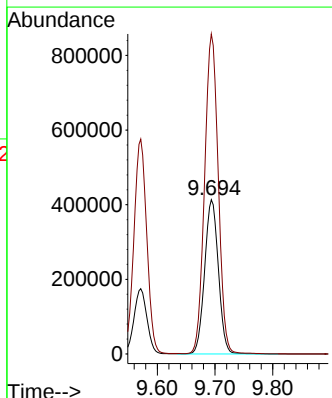
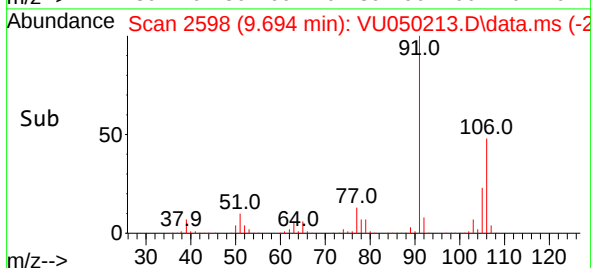
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

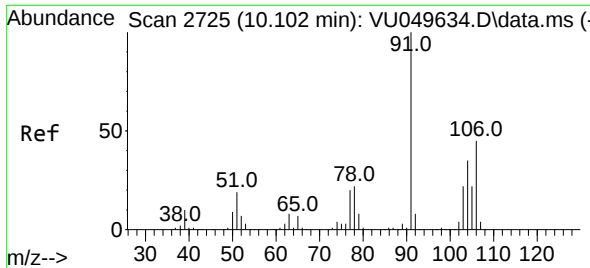


#64
m/p-Xylenes
Concen: 46.215 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26



Tgt Ion:106 Resp: 681679
Ion Ratio Lower Upper
106 100
91 206.6 167.8 251.6





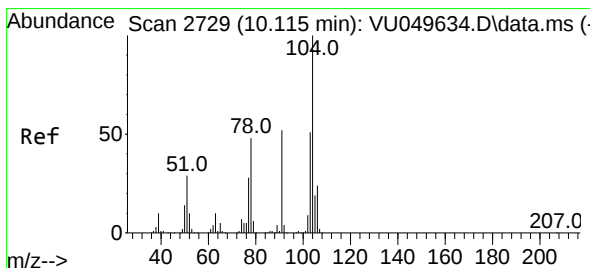
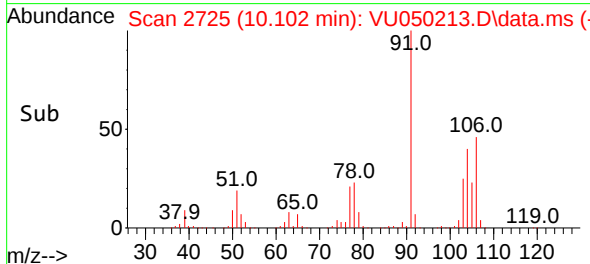
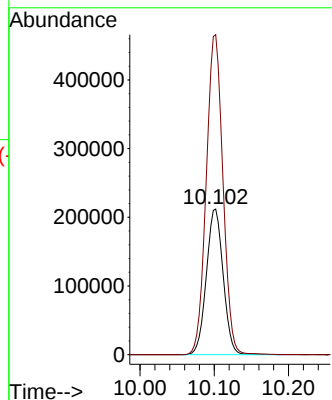
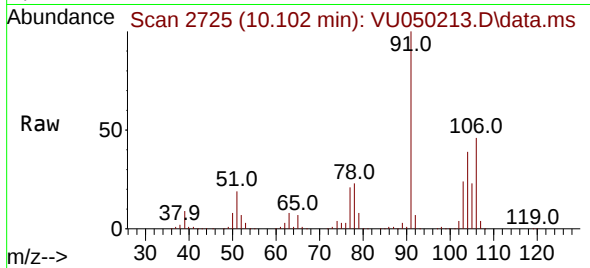
#65
o-Xylene
Concen: 22.934 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 33247
Ion Ratio Lower Upper
106 100
91 218.9 111.1 333.2

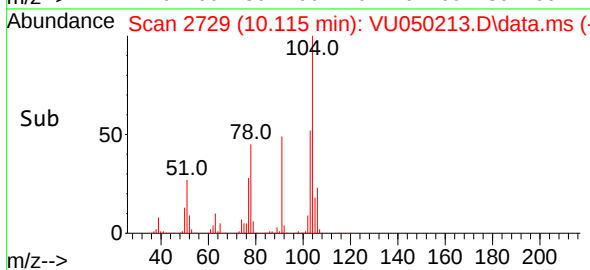
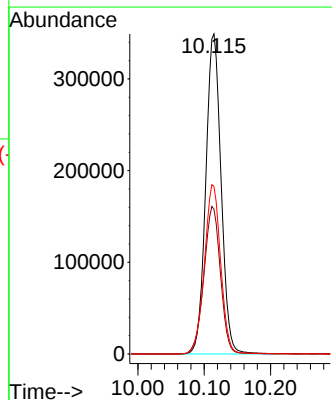
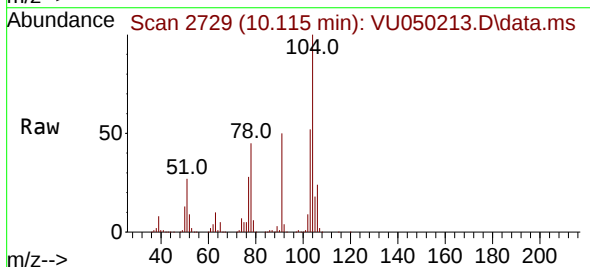
Manual Integrations
APPROVED

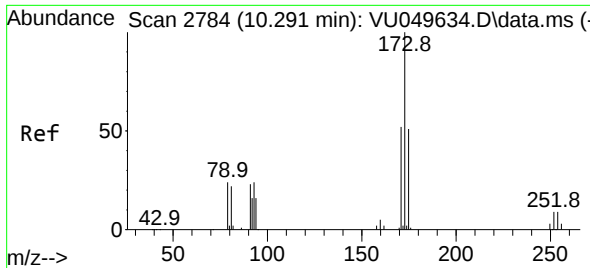
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#66
Styrene
Concen: 24.074 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

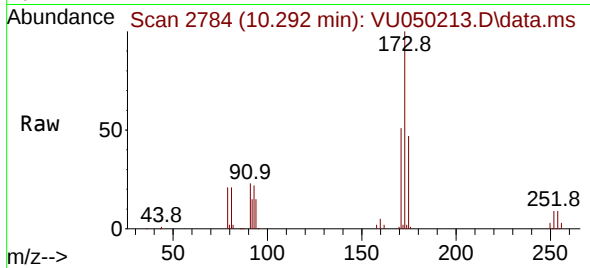
Tgt Ion:104 Resp: 560704
Ion Ratio Lower Upper
104 100
78 49.7 42.1 63.1
103 56.3 44.5 66.7





#67
Bromoform
Concen: 25.201 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

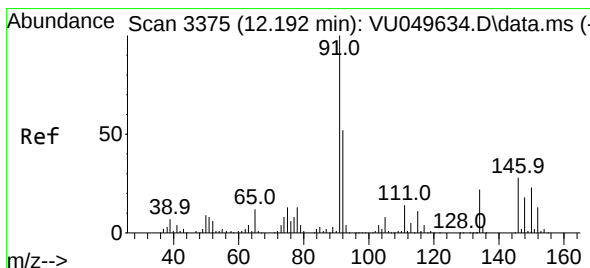
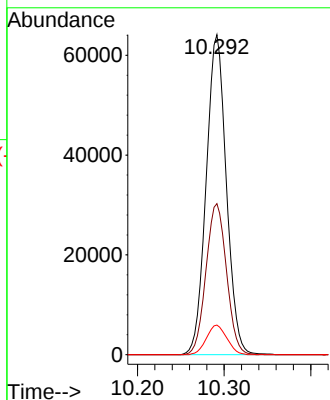
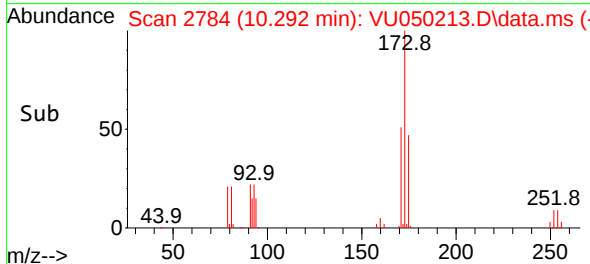
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



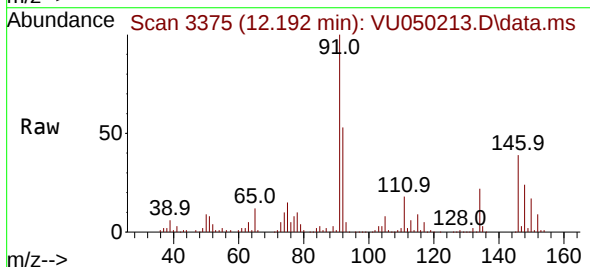
Tgt Ion:173 Resp: 103700
Ion Ratio Lower Upper
173 100
175 48.0 38.4 57.6
254 9.4 7.7 11.5

Manual Integrations
APPROVED

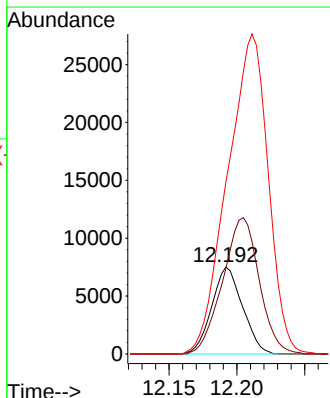
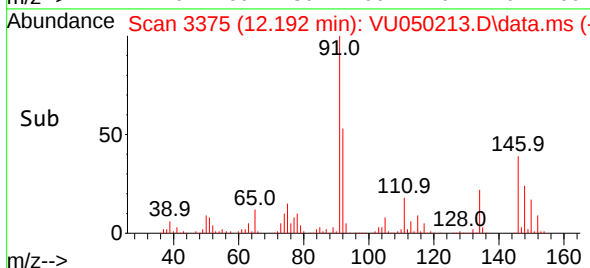
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

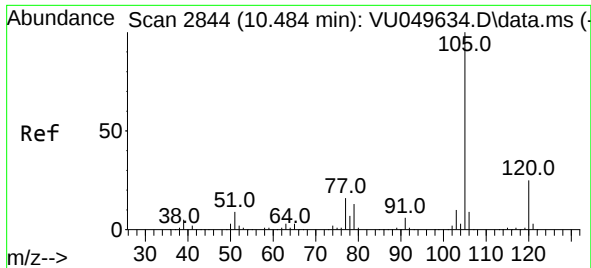


#68
1,2-Dichlorobenzene-d4
Concen: 1.099 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26



Tgt Ion:152 Resp: 11815
Ion Ratio Lower Upper
152 100
115 186.8 0.0 254.6
150 487.0 0.0 623.6





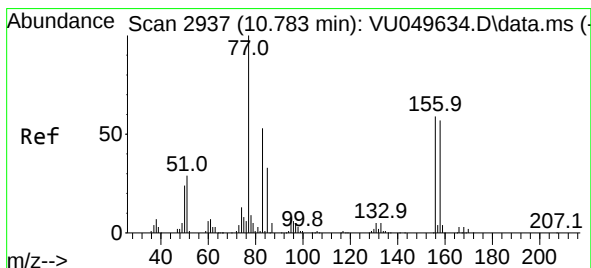
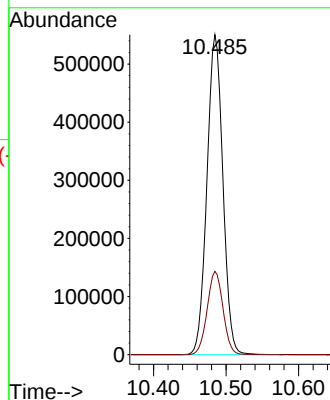
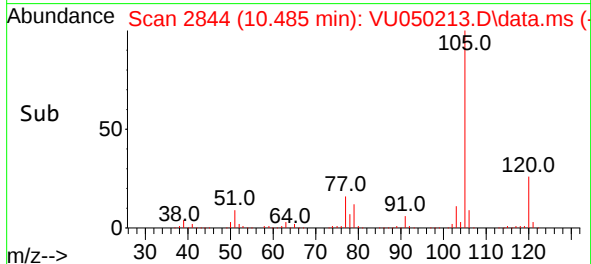
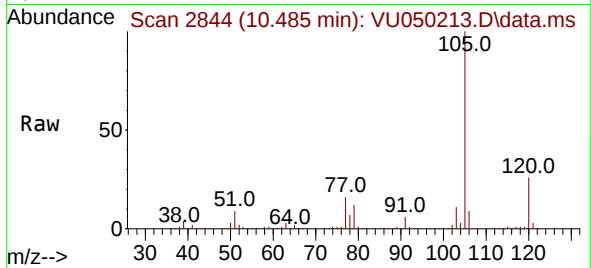
#69
Isopropylbenzene
Concen: 21.697 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 84009
Ion Ratio Lower Upper
105 100
120 26.0 12.6 37.8

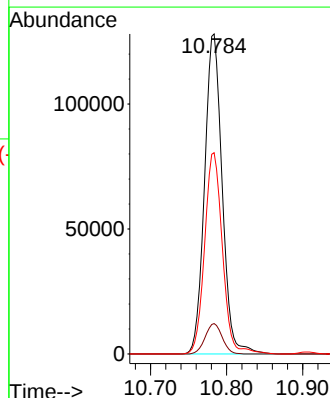
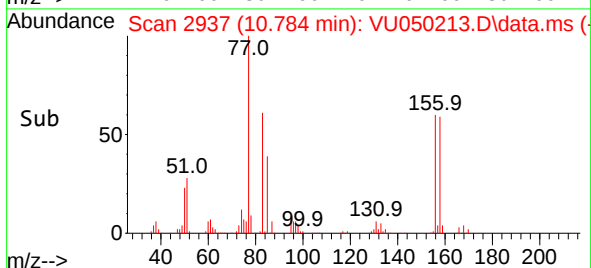
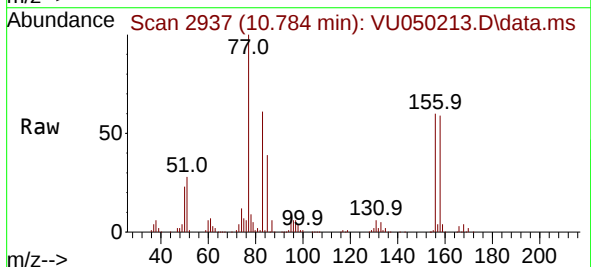
Manual Integrations
APPROVED

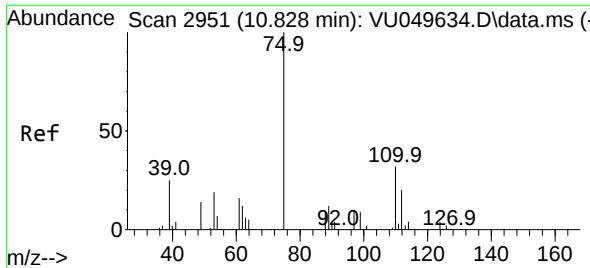
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 25.119 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

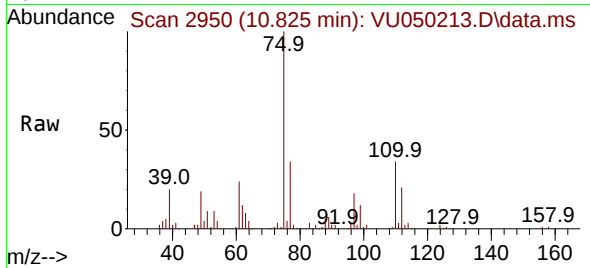
Tgt Ion: 83 Resp: 206018
Ion Ratio Lower Upper
83 100
131 9.1 7.7 11.5
85 63.7 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 21.985 ug/l m
RT: 10.825 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

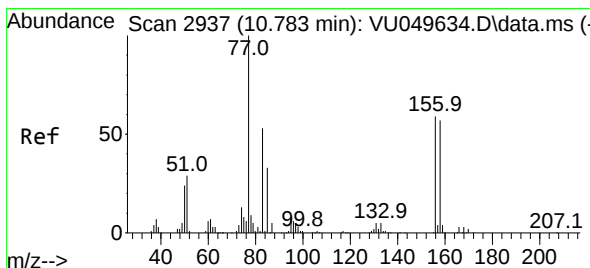
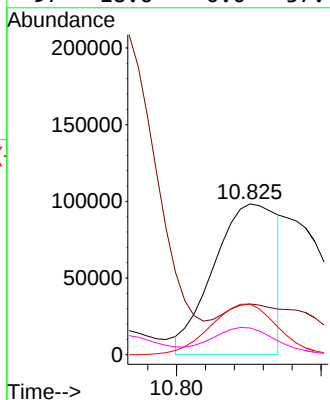
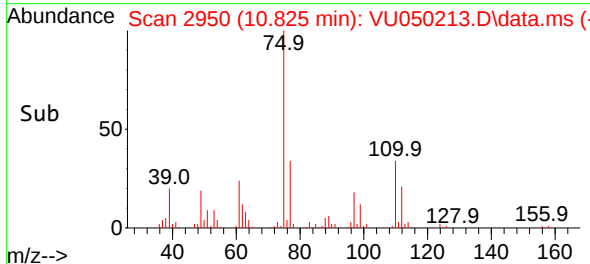
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



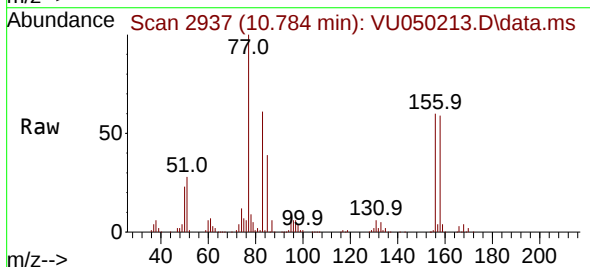
Tgt Ion: 75 Resp: 149285
Ion Ratio Lower Upper
75 100
77 49.6 0.0 112.4
110 35.8 0.0 70.6
97 18.6 0.0 37.4

Manual Integrations
APPROVED

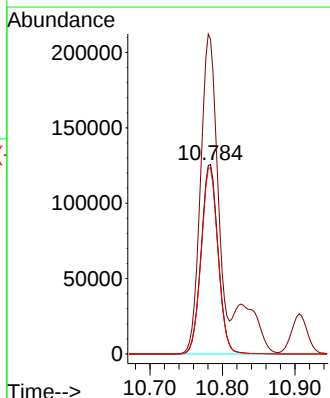
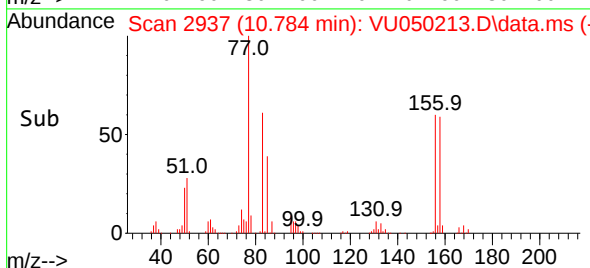
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

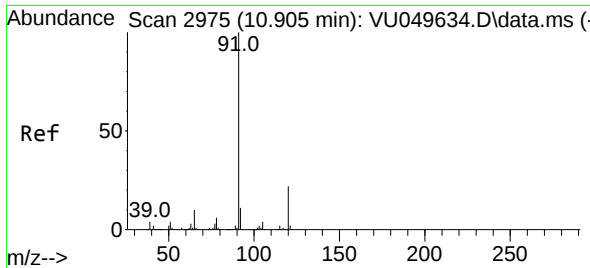


#72
Bromobenzene
Concen: 23.409 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26



Tgt Ion:156 Resp: 204252
Ion Ratio Lower Upper
156 100
77 169.9 0.0 344.4
158 97.2 0.0 192.2





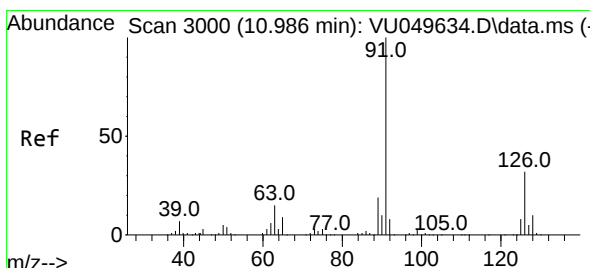
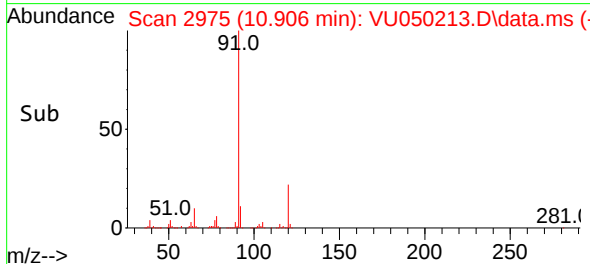
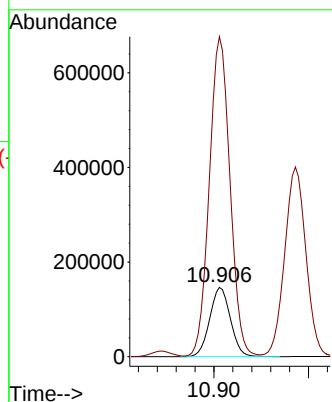
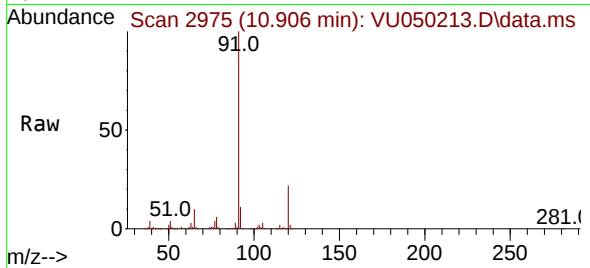
#73
n-propylbenzene
Concen: 22.725 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:120 Resp: 222050
Ion Ratio Lower Upper
120 100
91 459.9 367.8 551.6

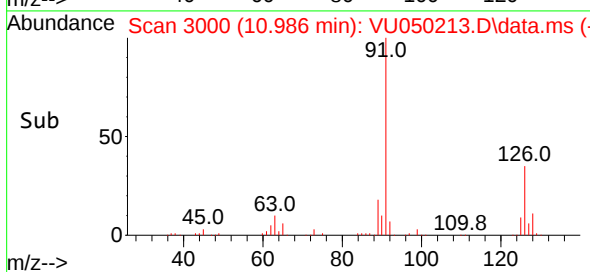
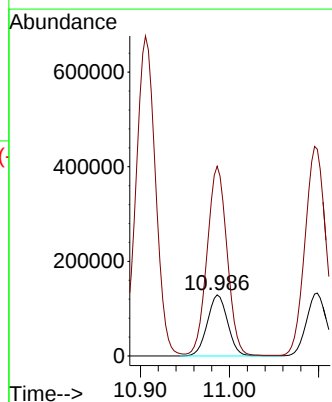
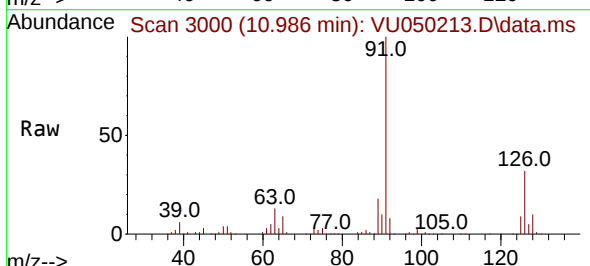
Manual Integrations
APPROVED

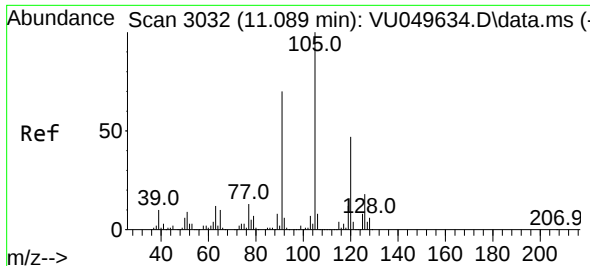
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#74
2-Chlorotoluene
Concen: 23.395 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

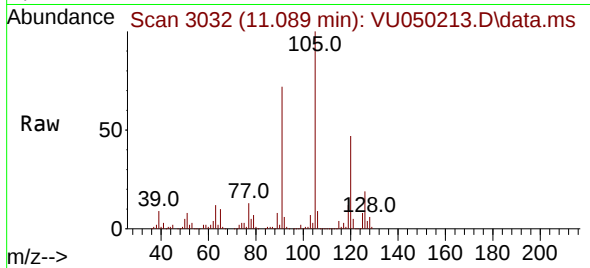
Tgt Ion:126 Resp: 203821
Ion Ratio Lower Upper
126 100
91 305.1 0.0 620.6





#75
1,3,5-Trimethylbenzene
Concen: 22.552 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

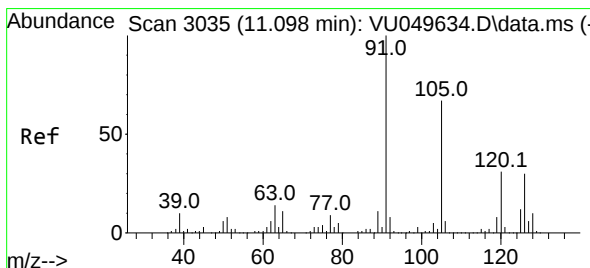
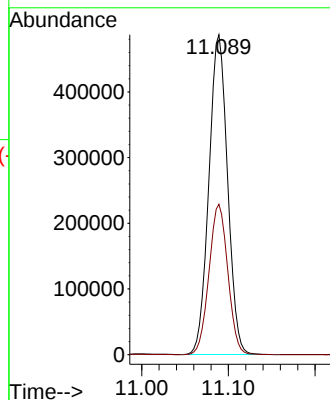
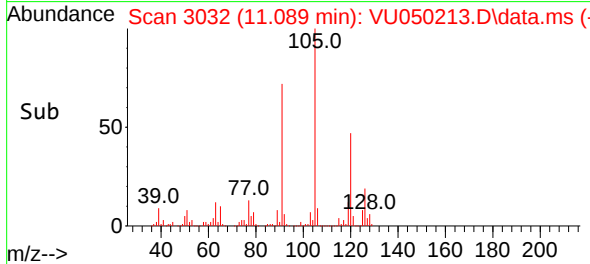
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



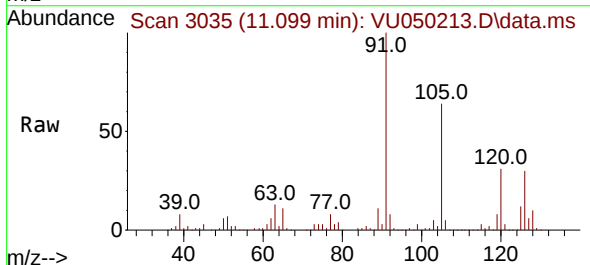
Tgt Ion:105 Resp: 729979
Ion Ratio Lower Upper
105 100
120 47.4 37.6 56.4

Manual Integrations
APPROVED

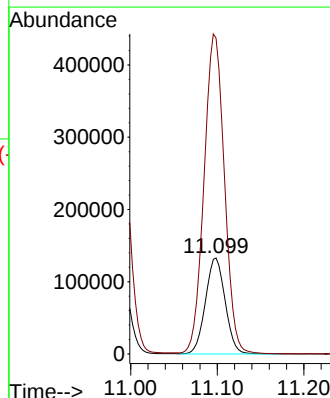
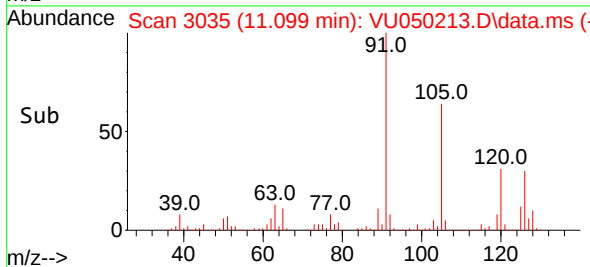
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

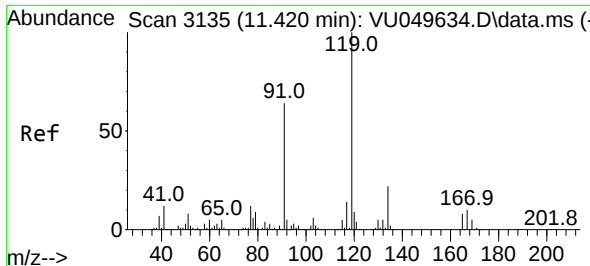


#76
4-Chlorotoluene
Concen: 24.056 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26



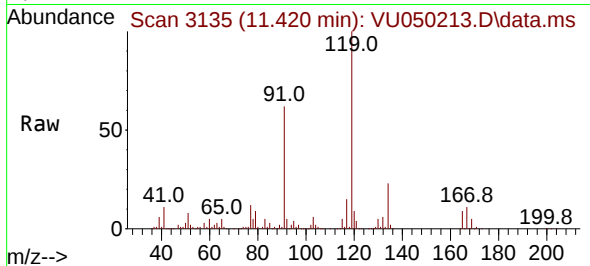
Tgt Ion:126 Resp: 210192
Ion Ratio Lower Upper
126 100
91 345.1 0.0 738.8





#77
tert-Butylbenzene
Concen: 21.964 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

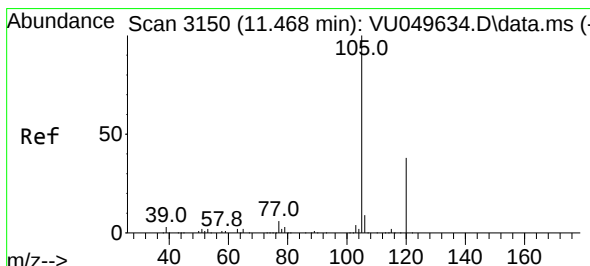
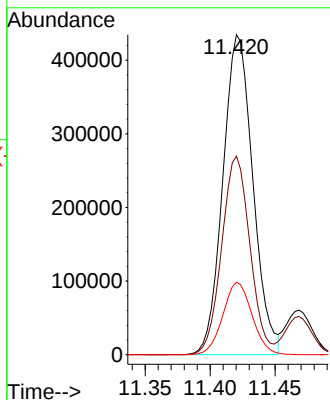
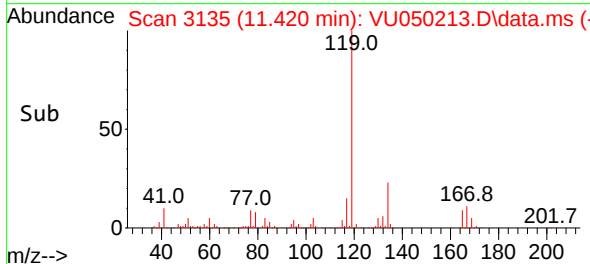
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



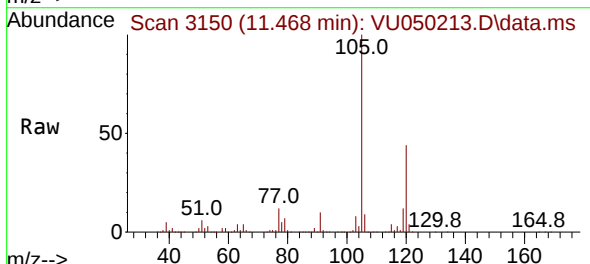
Tgt Ion:119 Resp: 700054
Ion Ratio Lower Upper
119 100
91 58.4 30.4 91.3
134 22.0 17.8 26.6

Manual Integrations
APPROVED

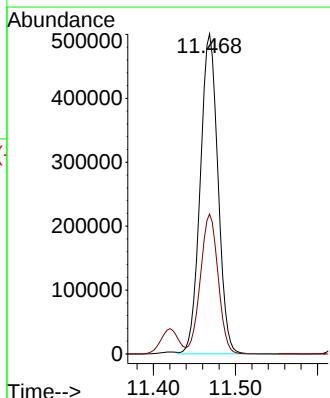
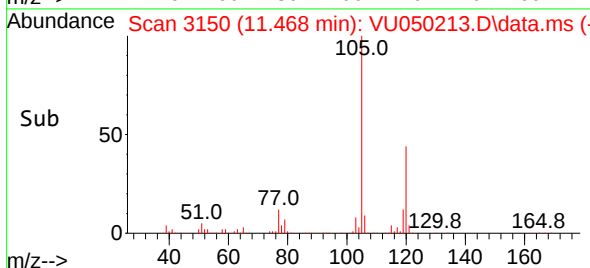
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

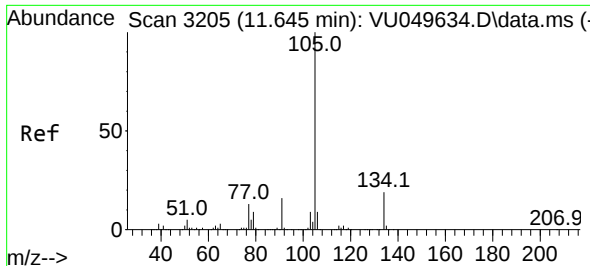


#78
1,2,4-Trimethylbenzene
Concen: 23.044 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26



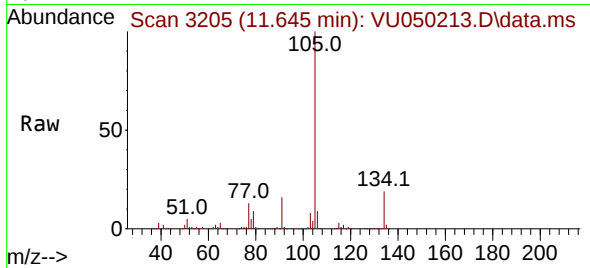
Tgt Ion:105 Resp: 748828
Ion Ratio Lower Upper
105 100
120 43.8 21.6 65.0





#79
 sec-Butylbenzene
 Concen: 21.264 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU050213.D
 Acq: 10 Aug 2022 11:26

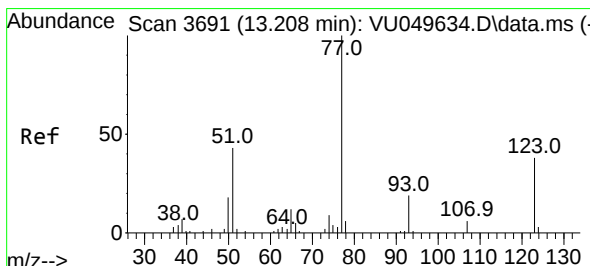
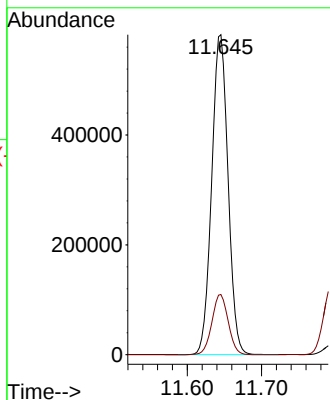
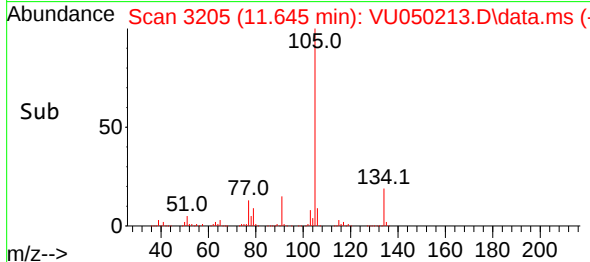
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020



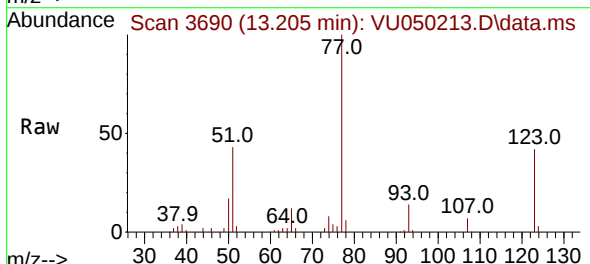
Tgt Ion:105 Resp: 888949
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.4 23.0

Manual Integrations
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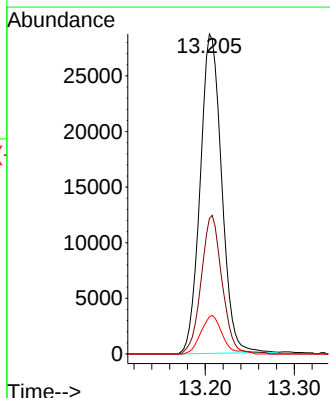
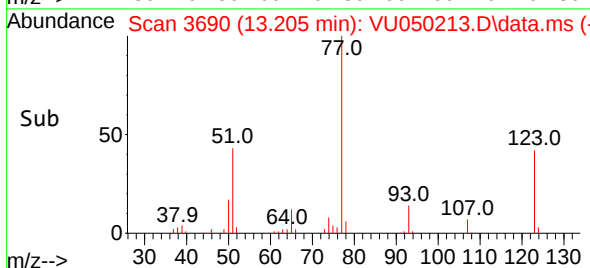
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

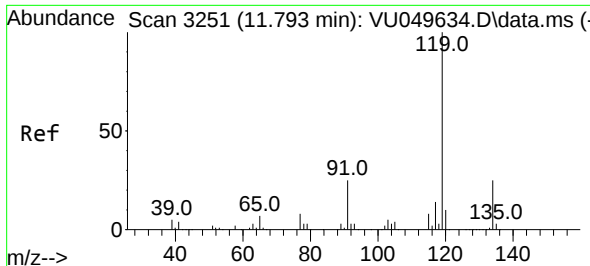


#80
 Nitrobenzene
 Concen: 143.143 ug/l
 RT: 13.205 min Scan# 3690
 Delta R.T. -0.003 min
 Lab File: VU050213.D
 Acq: 10 Aug 2022 11:26



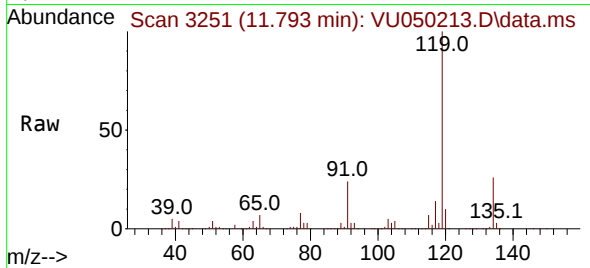
Tgt Ion: 77 Resp: 48028
 Ion Ratio Lower Upper
 77 100
 123 42.3 18.1 64.3
 65 12.1 10.8 13.8





#81
p-Isopropyltoluene
Concen: 21.346 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

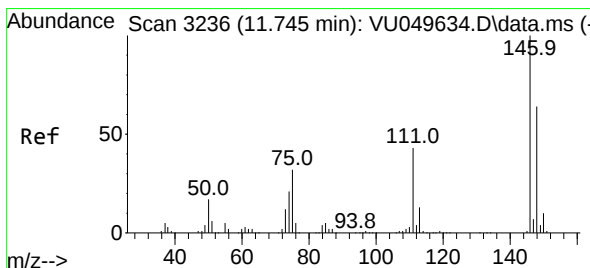
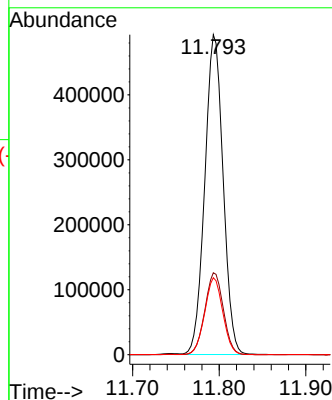
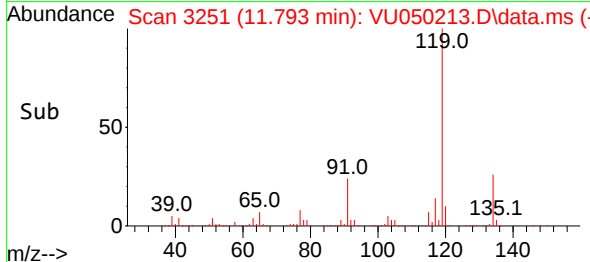
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



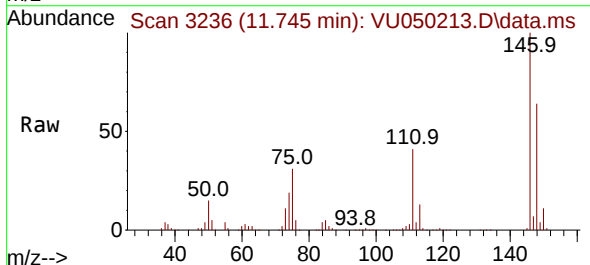
Tgt Ion:119 Resp: 72391
Ion Ratio Lower Upper
119 100
134 25.8 20.5 30.7
91 23.8 19.8 29.6

Manual Integrations
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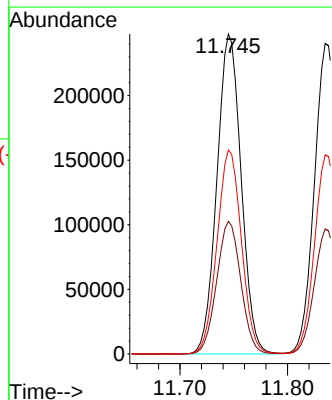
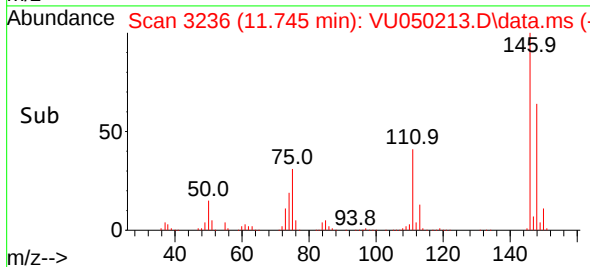
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

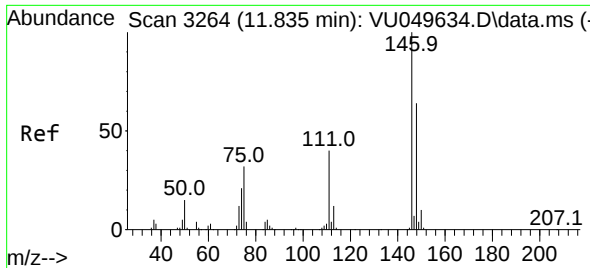


#82
1,3-Dichlorobenzene
Concen: 23.006 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26



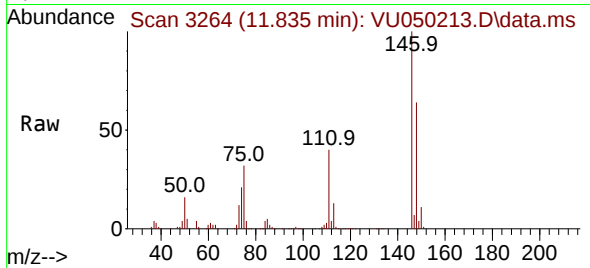
Tgt Ion:146 Resp: 388320
Ion Ratio Lower Upper
146 100
111 41.3 33.4 50.2
148 64.2 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 22.530 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

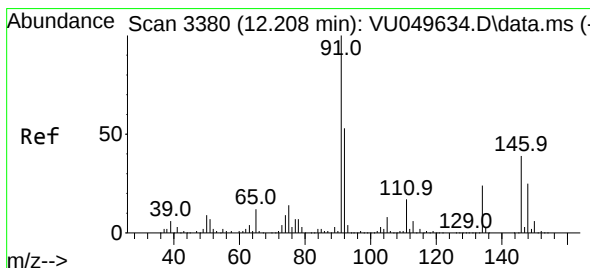
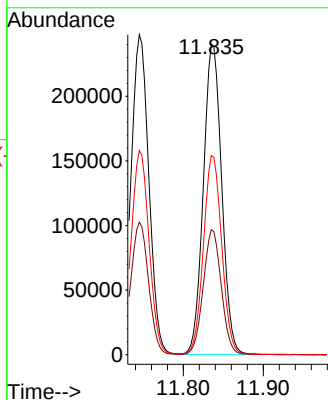
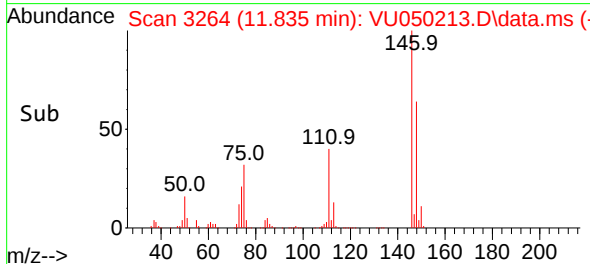
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



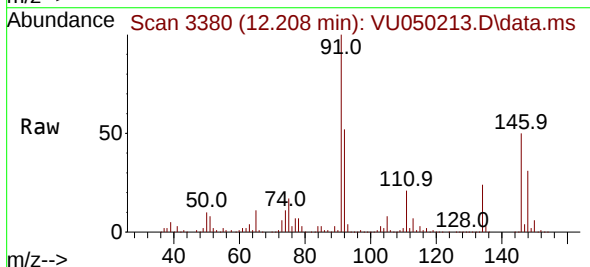
Tgt Ion:146 Resp: 38374
Ion Ratio Lower Upper
146 100
111 39.7 32.6 49.0
148 64.1 51.6 77.4

Manual Integrations
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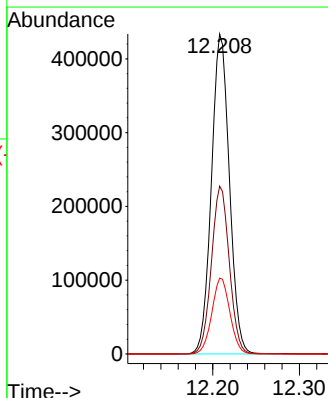
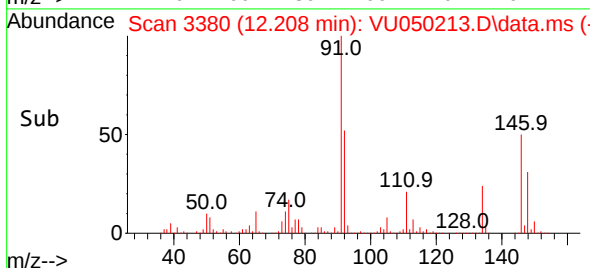
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

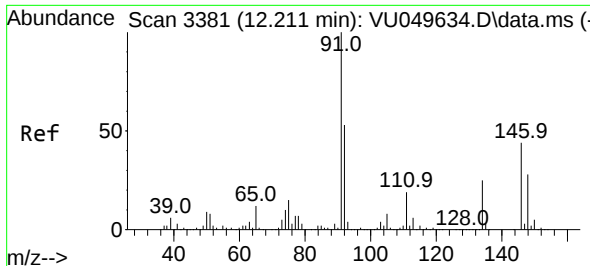


#84
n-Butylbenzene
Concen: 19.760 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26



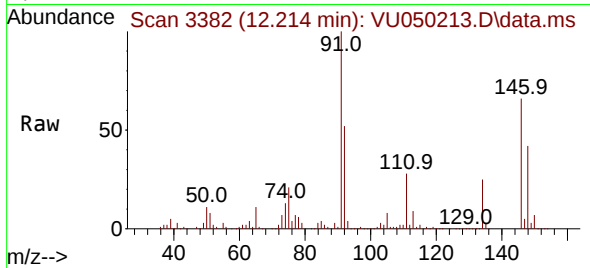
Tgt Ion: 91 Resp: 624073
Ion Ratio Lower Upper
91 100
92 52.2 42.3 63.5
134 23.9 19.6 29.4





#85
1,2-Dichlorobenzene
Concen: 23.243 ug/l
RT: 12.214 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

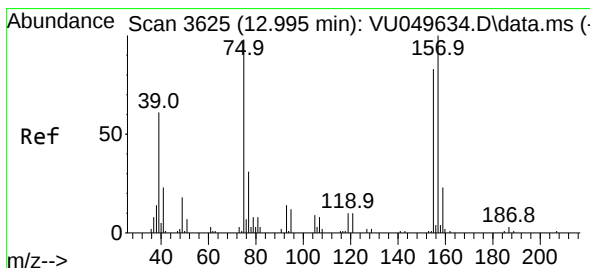
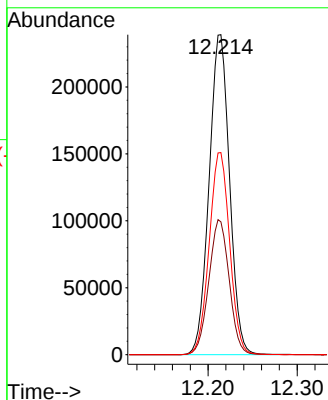
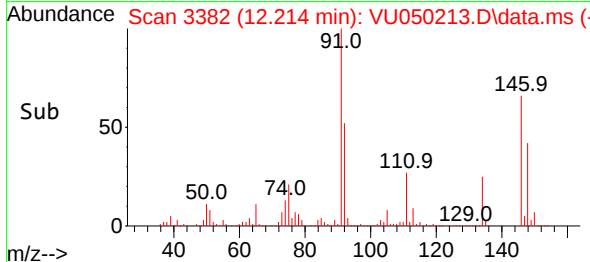
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



Tgt Ion:146 Resp: 380070
Ion Ratio Lower Upper
146 100
111 42.2 22.1 66.1
148 63.4 32.1 96.3

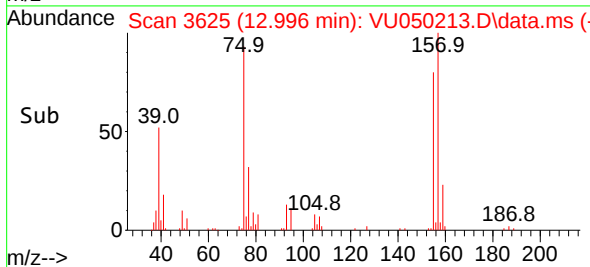
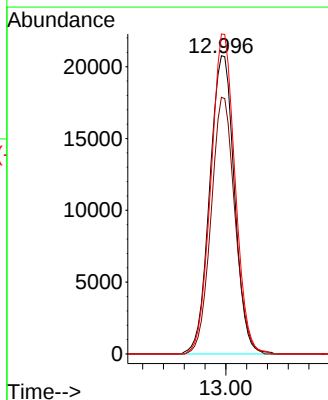
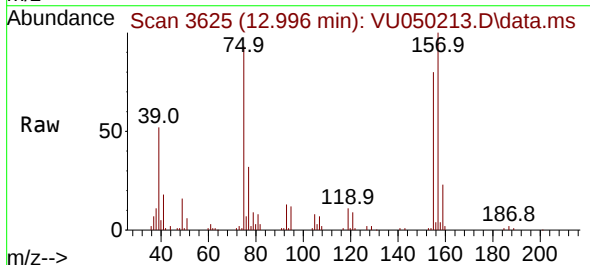
Manual Integrations
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Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 23.972 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

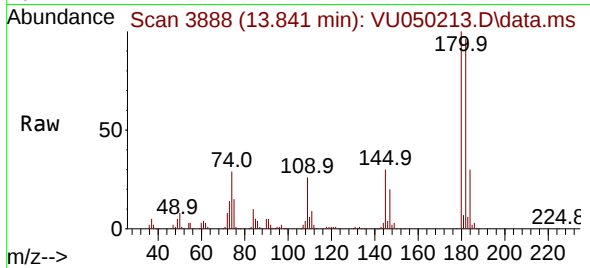
Tgt Ion: 75 Resp: 34288
Ion Ratio Lower Upper
75 100
155 83.1 66.8 100.2
157 104.8 83.8 125.8





#87
1,2,4-Trichlorobenzene
Concen: 21.814 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

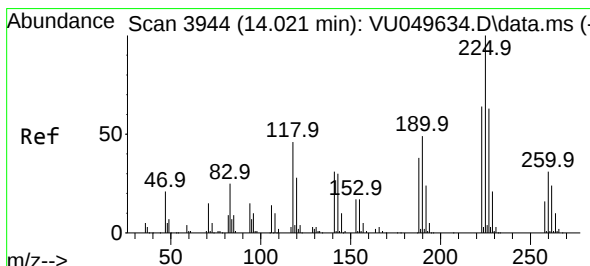
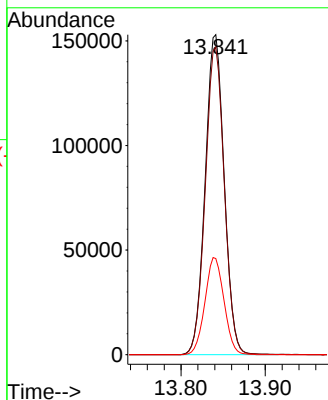
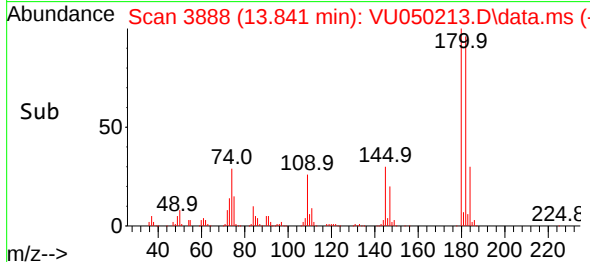
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



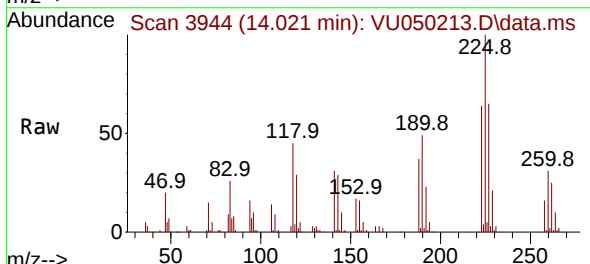
Tgt Ion:180 Resp: 240630
Ion Ratio Lower Upper
180 100
182 96.0 77.0 115.6
145 30.4 25.7 38.5

Manual Integrations
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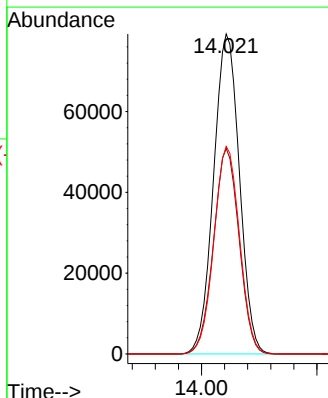
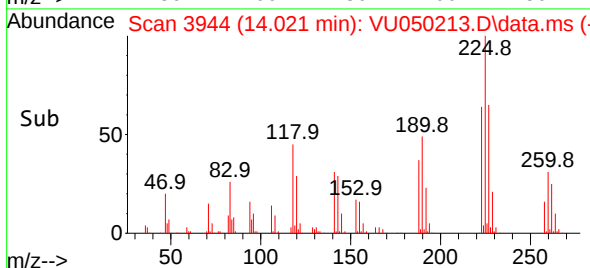
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

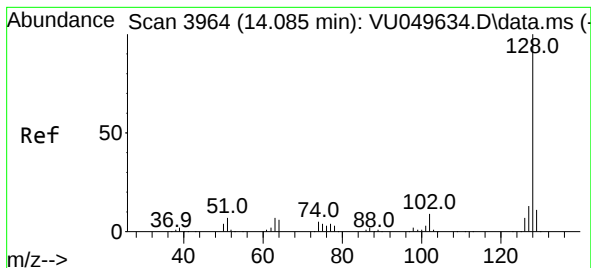


#88
Hexachlorobutadiene
Concen: 21.893 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26



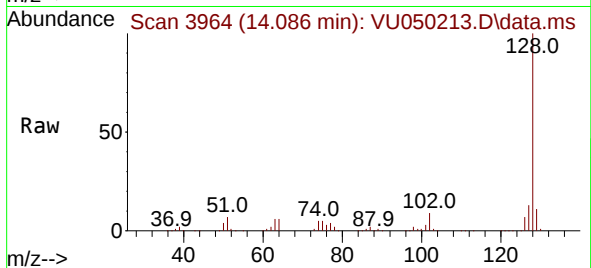
Tgt Ion:225 Resp: 123082
Ion Ratio Lower Upper
225 100
223 63.6 50.6 76.0
227 64.3 50.7 76.1





#89
Naphthalene
Concen: 23.405 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26

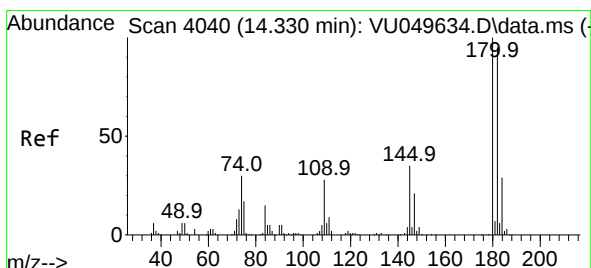
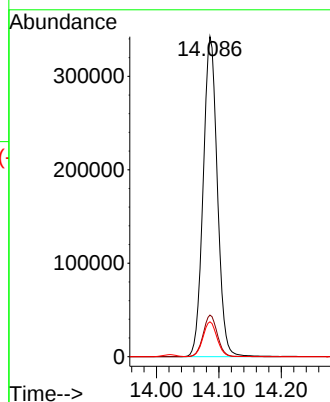
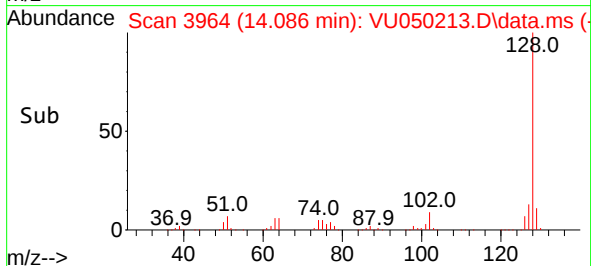
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



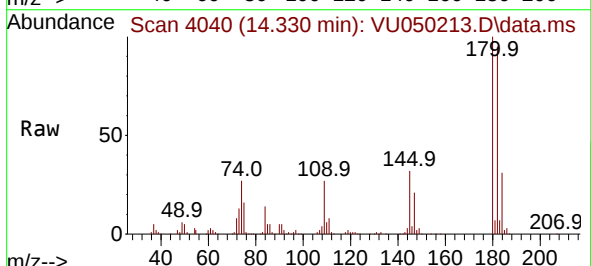
Tgt Ion:128 Resp: 541340
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.9 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#90
1,2,3-Trichlorobenzene
Concen: 22.798 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050213.D
Acq: 10 Aug 2022 11:26



Tgt Ion:180 Resp: 240151
Ion Ratio Lower Upper
180 100
182 96.0 76.6 114.8
145 32.6 27.3 40.9

