

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081022\
 Data File : VU050210.D
 Acq On : 10 Aug 2022 10:12
 Operator : SY/MD
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Quant Time: Aug 10 10:47:28 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	29868	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	9971	0.911	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	10152	1.008	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	20989	1.835	ug/l	99
3) Chloromethane	1.517	50	25965	2.219	ug/l	100
4) Vinyl Chloride	1.600	62	23902	2.241	ug/l	99
5) Bromomethane	1.854	94	6744	1.212	ug/l	100
6) Chloroethane	1.932	64	14557	2.437	ug/l	99
7) Trichlorofluoromethane	2.134	101	25941	2.029	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.575	101	13704	2.040	ug/l	98
9) 1,1-Dichloroethene	2.575	96	15783	2.331	ug/l	90
10) Iodomethane	2.716	142	11988	1.396	ug/l	95
11) Allyl Chloride	2.922	41	22042	1.909	ug/l	98
12) Acrylonitrile	3.333	53	8856	4.891	ug/l	95
13) Acetone	2.658	43	14903	10.431	ug/l	95
14) Carbon Disulfide	2.790	76	59794	2.682	ug/l	99
15) Methylene Chloride	3.044	84	23408	2.760	ug/l	88
16) trans-1,2-Dichloroethene	3.353	96	17613	2.477	ug/l	86
17) 1,1-Dichloroethane	3.867	63	32821	2.232	ug/l	98
18) 2-Butanone	4.726	43	24973	10.255	ug/l	93
19) Cyclohexane	5.388	56	21687m	1.543	ug/l	
20) Methylcyclohexane	6.764	83	20024	1.445	ug/l	97
21) 2,2-Dichloropropane	4.661	77	24360	2.024	ug/l	100
22) cis-1,2-Dichloroethene	4.668	96	19142	2.182	ug/l	99
23) Diethyl Ether	2.375	59	14065	2.438	ug/l	98
24) tert-Butyl Alcohol	3.182	59	6165	9.366	ug/l	# 73
25) Methyl tert-Butyl Ether	3.366	73	38574	2.037	ug/l	97
26) Bromochloromethane	4.973	128	9173	2.484	ug/l	95
27) Chloroform	5.089	83	34082	2.355	ug/l	98
28) 1,1,1-Trichloroethane	5.317	97	26051	2.041	ug/l	97
29) 1,1-Dichloropropene	5.526	75	21683	1.902	ug/l	98
30) Carbon Tetrachloride	5.526	117	21699	2.019	ug/l	97
31) Isopropyl Ether	3.993	45	43038	1.706	ug/l	89
32) Ethyl-t-butyl ether	4.504	59	40561	1.699	ug/l	97
33) Tert-Amyl methyl ether	5.941	73	36142	1.741	ug/l	98
34) Propionitrile	4.813	54	9362m	13.407	ug/l	
35) Benzene	5.774	78	73468	2.262	ug/l	96
36) 1,2-Dichloroethane	5.796	62	21452	2.323	ug/l	99
37) Trichloroethene	6.542	130	16887	2.057	ug/l	95
38) 1,2-Dichloropropane	6.793	63	20233	2.353	ug/l	97
39) Methacrylonitrile	4.980	41	5333	1.783	ug/l	# 89
40) Methyl acrylate	4.854	55	9863	2.105	ug/l	# 94
41) Tetrahydrofuran	5.070	42	6556	3.707	ug/l	99
42) 1-Chlorobutane	5.459	56	29843	1.867	ug/l	97
43) Dibromomethane	6.919	93	10443	2.438	ug/l	96
44) Bromodichloromethane	7.105	83	24893	2.424	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	56212	9.668	ug/l	99
46) t-1,4-Dichloro-2-butene	10.832	75	8979m	4.745	ug/l	
47) Methyl methacrylate	6.964	69	17732	4.105	ug/l	92
48) Ethyl methacrylate	8.337	69	15402	1.777	ug/l	93
49) Toluene	7.970	92	39675	2.000	ug/l	95
50) t-1,3-Dichloropropene	8.211	75	20941	2.111	ug/l	100
51) cis-1,3-Dichloropropene	7.607	75	24923	2.120	ug/l	93
52) 1,1,2-Trichloroethane	8.401	97	15262	2.581	ug/l	98
53) 1,3-Dichloropropane	8.578	76	25652	2.417	ug/l	98
54) 2-Hexanone	8.687	43	38600	9.559	ug/l	99
55) Dibromochloromethane	8.809	129	16559	2.452	ug/l	98
56) 1,2-Dibromoethane	8.925	107	13675	2.388	ug/l	99
58) Tetrachloroethene	8.552	164	14763	2.163	ug/l	97
59) Chlorobenzene	9.446	112	42349	2.041	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.533	131	16960	2.298	ug/l	98
61) Pentachloroethane	11.426	117	14097	2.488	ug/l	93
62) Hexachloroethane	12.475	117	10550	1.859	ug/l	95
63) Ethyl Benzene	9.571	91	65326	1.749	ug/l	98
64) m/p-Xylenes	9.693	106	49915	3.613	ug/l	99
65) o-Xylene	10.102	106	25101	1.849	ug/l	99
66) Styrene	10.115	104	38914	1.784	ug/l	99
67) Bromoform	10.291	173	9316	2.417	ug/l	96
69) Isopropylbenzene	10.484	105	63183	1.742	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.780	83	20551	2.676	ug/l	96
71) 1,2,3-Trichloropropane	10.825	75	13618m	2.141	ug/l	
72) Bromobenzene	10.783	156	17886	2.189	ug/l	96
73) n-propylbenzene	10.906	120	14982	1.637	ug/l	97
74) 2-Chlorotoluene	10.986	126	16241	1.990	ug/l	98
75) 1,3,5-Trimethylbenzene	11.089	105	53513	1.765	ug/l	100
76) 4-Chlorotoluene	11.098	126	16563	2.024	ug/l	91
77) tert-Butylbenzene	11.420	119	52992	1.775	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	53247	1.750	ug/l	97
79) sec-Butylbenzene	11.642	105	63267	1.616	ug/l	99
80) Nitrobenzene	13.208	77	3870	12.316	ug/l #	99
81) p-Isopropyltoluene	11.793	119	49865	1.570	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	33372	2.111	ug/l	97
83) 1,4-Dichlorobenzene	11.835	146	33094	2.075	ug/l	98
84) n-Butylbenzene	12.208	91	43679	1.477	ug/l	95
85) 1,2-Dichlorobenzene	12.214	146	32156	2.100	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.996	75	2882	2.151	ug/l	96
87) 1,2,4-Trichlorobenzene	13.841	180	17171	1.662	ug/l	97
88) Hexachlorobutadiene	14.021	225	10678	2.028	ug/l	97
89) Naphthalene	14.085	128	32450	1.498	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	17816	1.806	ug/l	98

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

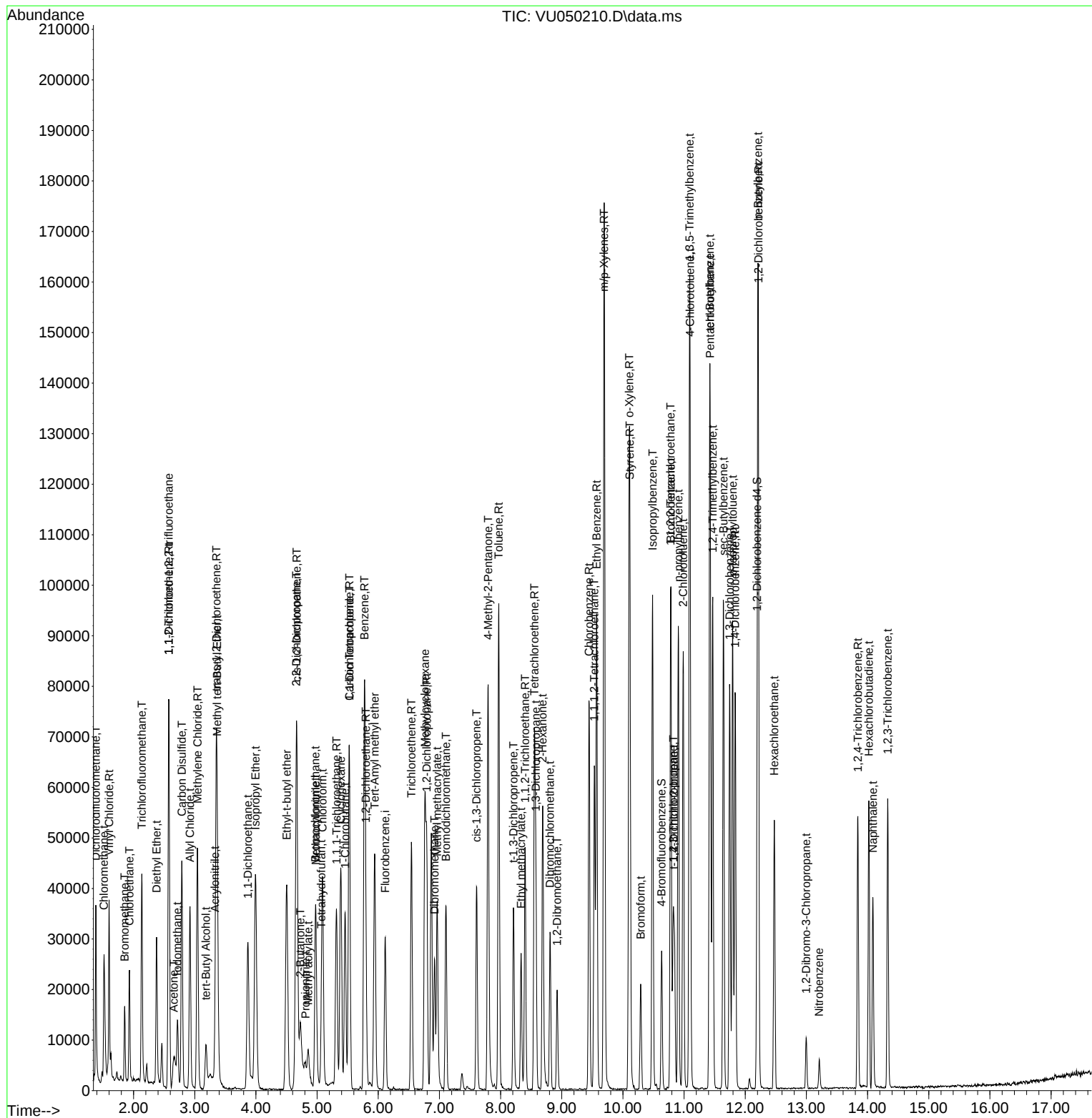
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081022\
 Data File : VU050210.D
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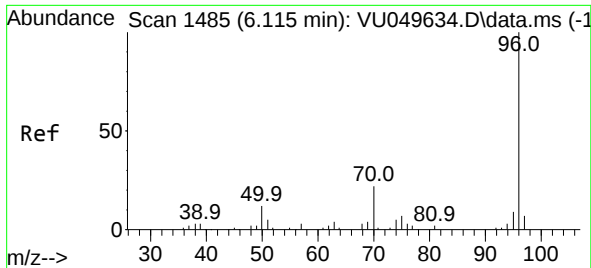
Instrument :
 MSVOA_U
 ClientSampleId :
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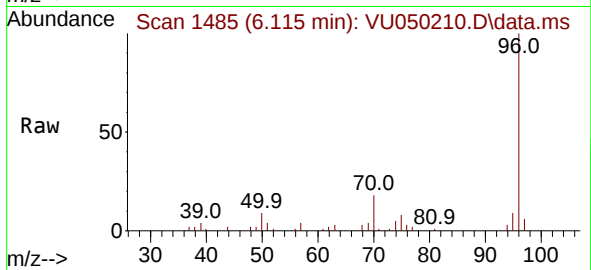
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

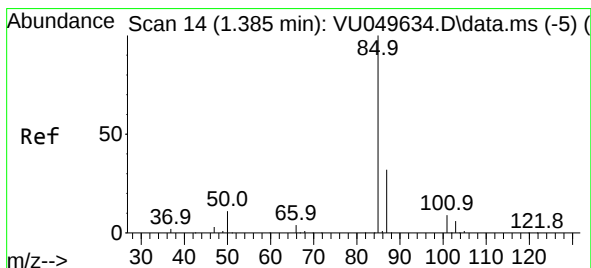
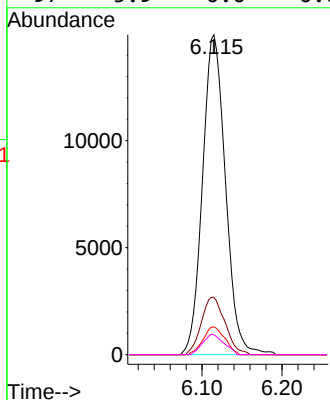
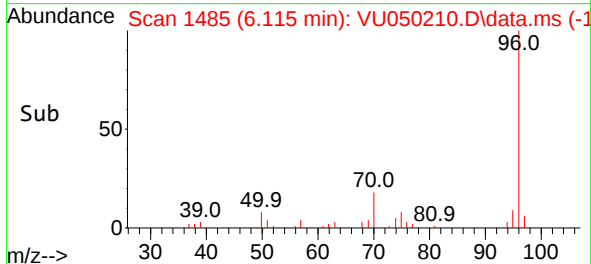
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 96 Resp: 2986
Ion Ratio Lower Upper
96 100
70 18.5 16.7 25.1
95 8.2 7.4 11.0
97 5.9 0.0 0.0#

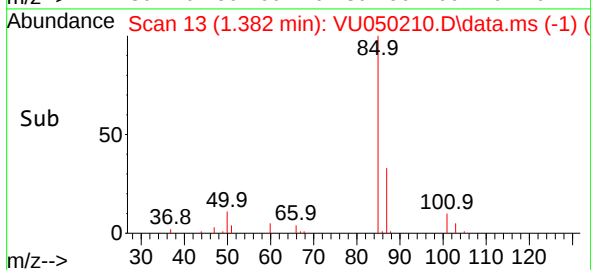
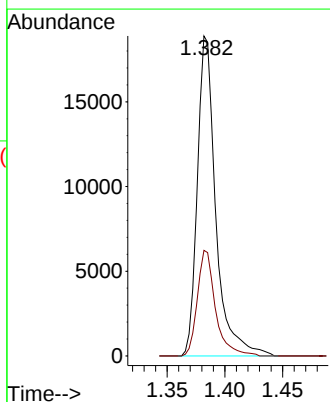
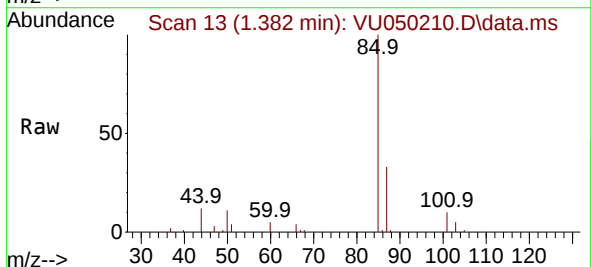
Manual Integrations
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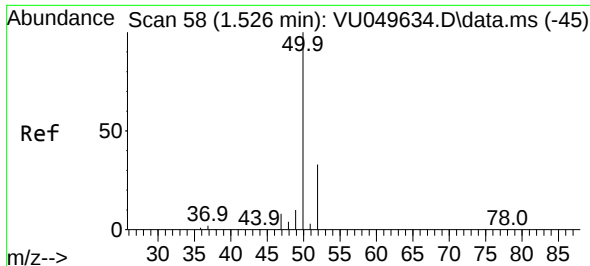
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#2
Dichlorodifluoromethane
Concen: 1.835 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

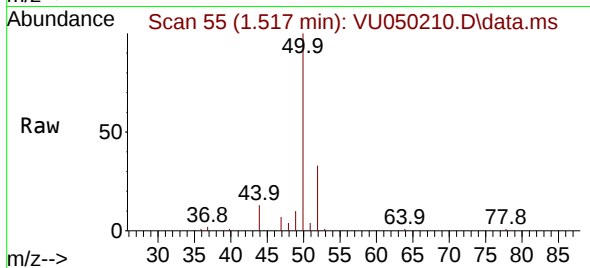
Tgt Ion: 85 Resp: 20989
Ion Ratio Lower Upper
85 100
87 33.0 16.3 48.8





#3
Chloromethane
Concen: 2.219 ug/l
RT: 1.517 min Scan# 51
Delta R.T. -0.010 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

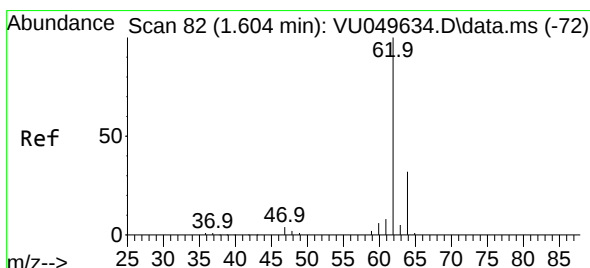
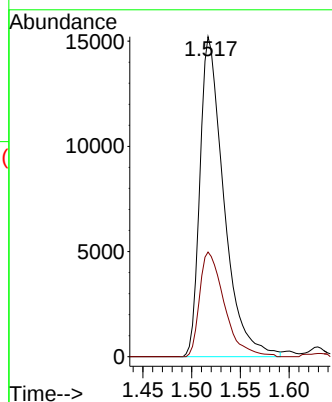
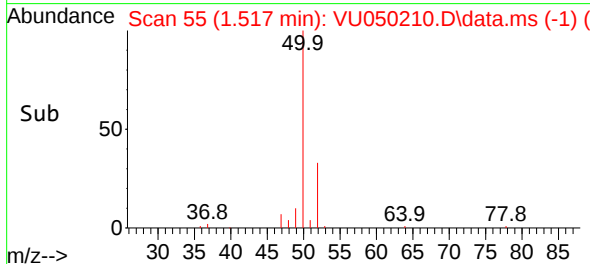
Instrument :
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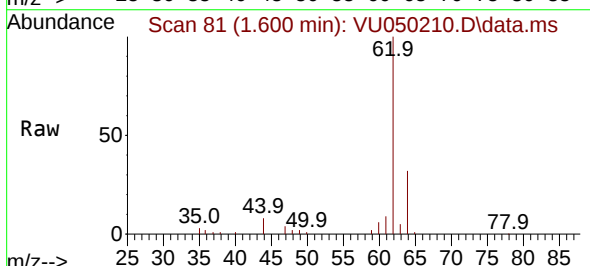
Tgt Ion: 50 Resp: 2596
Ion Ratio Lower Upper
50 100
52 32.7 26.1 39.1

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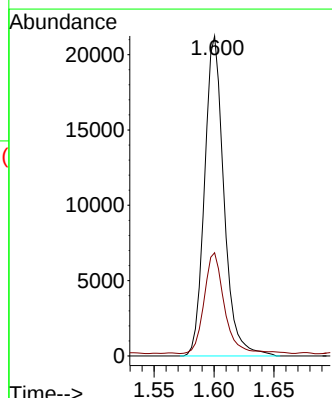
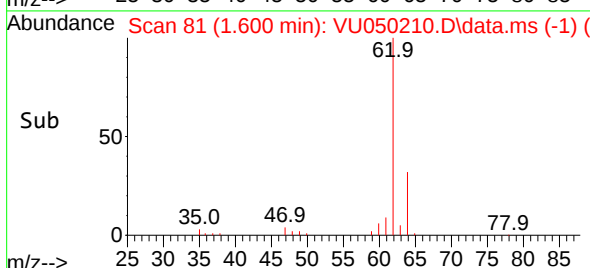
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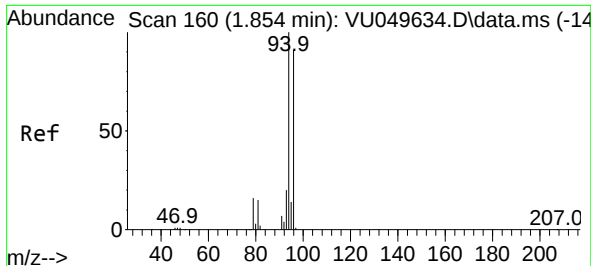


#4
Vinyl Chloride
Concen: 2.241 ug/l
RT: 1.600 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12



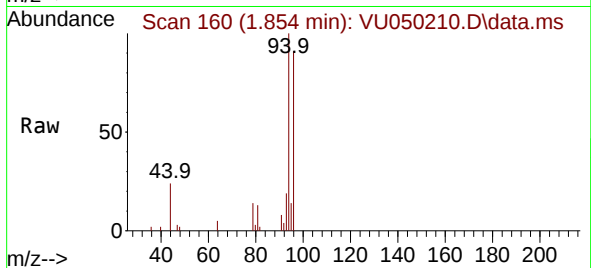
Tgt Ion: 62 Resp: 23902
Ion Ratio Lower Upper
62 100
64 31.5 25.5 38.3





#5
Bromomethane
Concen: 1.212 ug/l
RT: 1.854 min Scan# 160
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

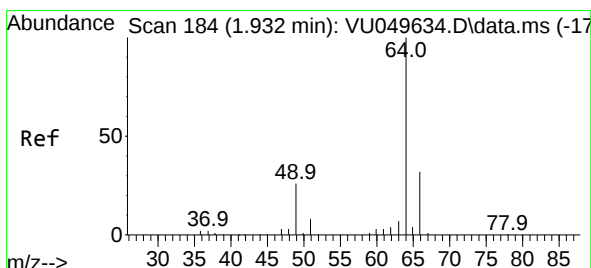
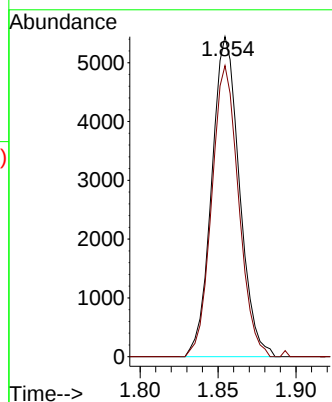
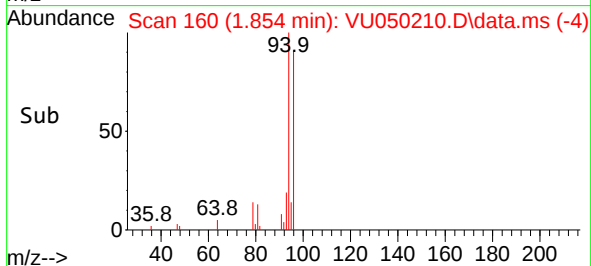
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 94 Resp: 6744
Ion Ratio Lower Upper
94 100
96 91.0 73.0 109.6

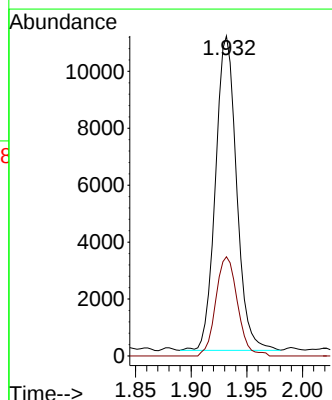
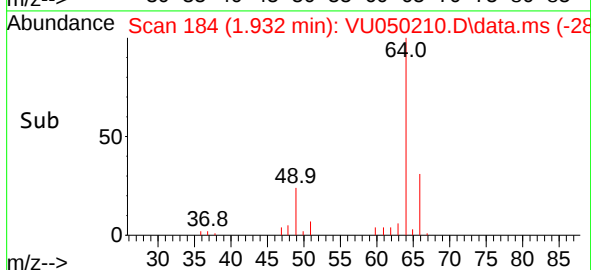
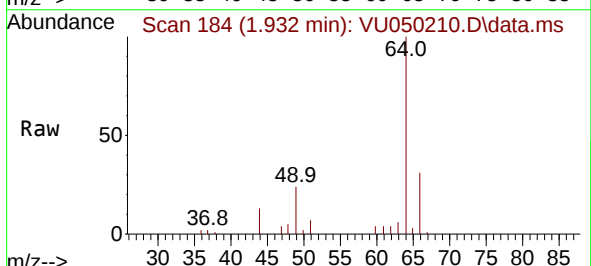
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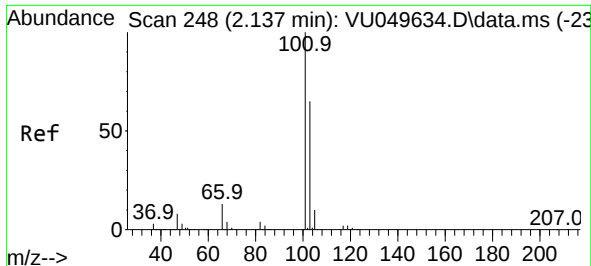
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#6
Chloroethane
Concen: 2.437 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

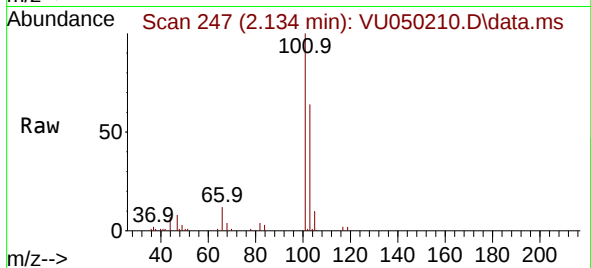
Tgt Ion: 64 Resp: 14557
Ion Ratio Lower Upper
64 100
66 31.5 25.8 38.6





#7
 Trichlorofluoromethane
 Concen: 2.029 ug/l
 RT: 2.134 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU050210.D
 Acq: 10 Aug 2022 10:12

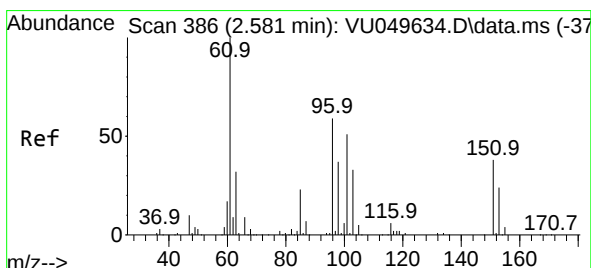
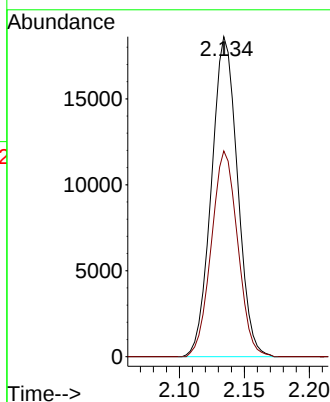
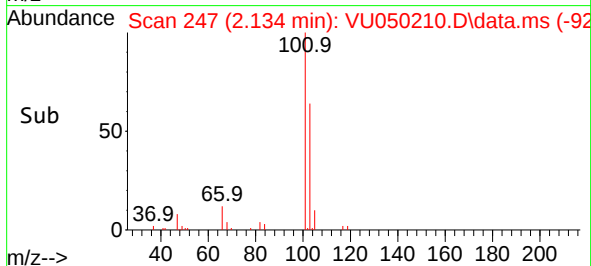
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002



Tgt Ion:101 Resp: 2594
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.8 77.6

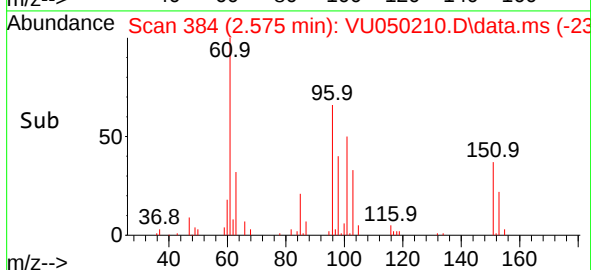
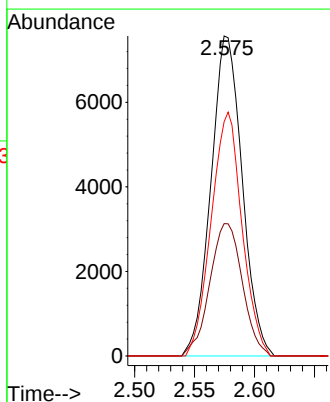
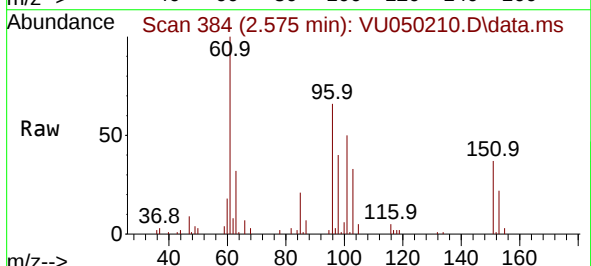
Manual Integrations
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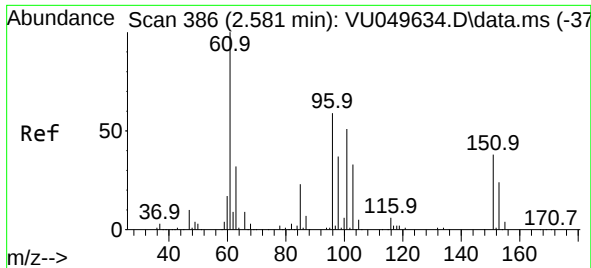
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.040 ug/l
 RT: 2.575 min Scan# 384
 Delta R.T. -0.006 min
 Lab File: VU050210.D
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Tgt Ion:101 Resp: 13704
 Ion Ratio Lower Upper
 101 100
 85 43.1 36.4 54.6
 151 75.0 59.1 88.7





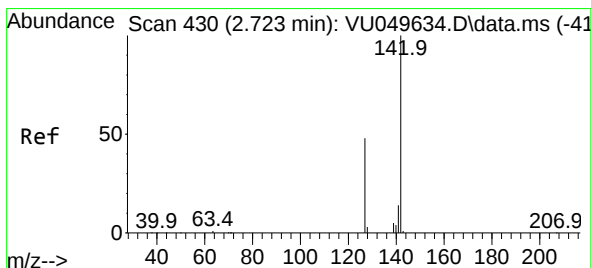
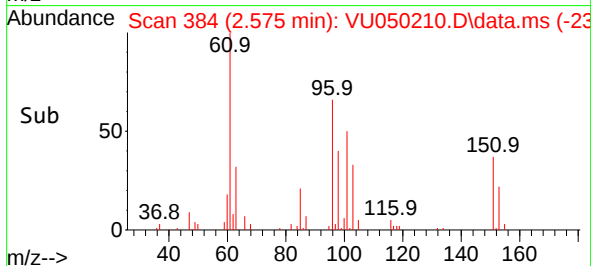
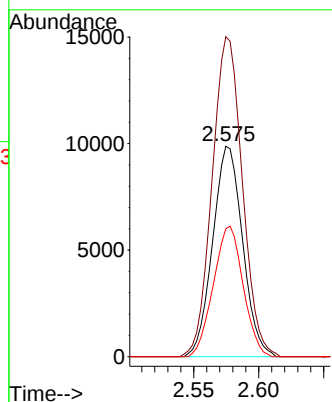
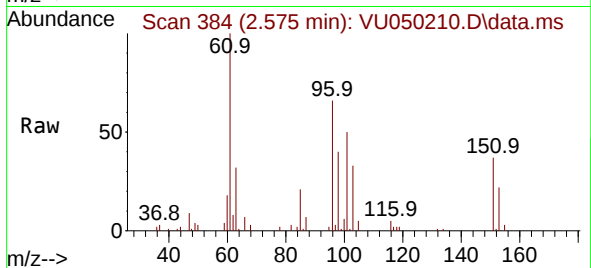
#9
1,1-Dichloroethene
Concen: 2.331 ug/l
RT: 2.575 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

Instrument : MSVOA_U
ClientSampleId : VSTDIC002

Tgt Ion: 96 Resp: 1578
Ion Ratio Lower Upper
96 100
61 152.1 0.0 510.6
98 60.8 0.0 124.6

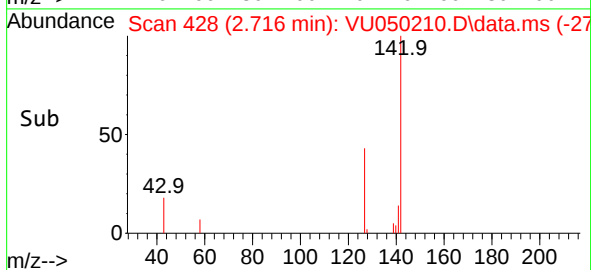
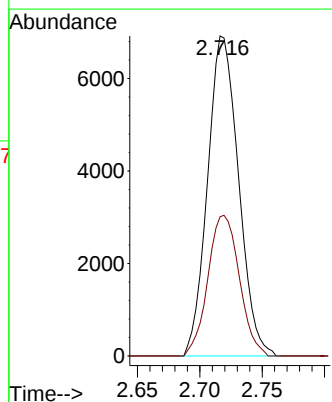
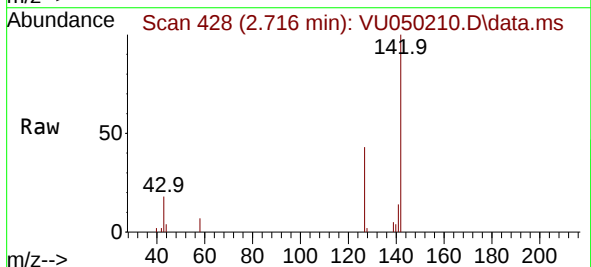
Manual Integrations
APPROVED

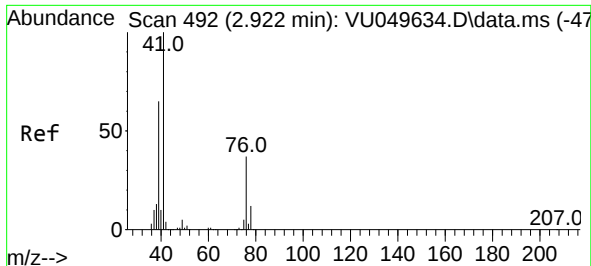
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#10
Iodomethane
Concen: 1.396 ug/l
RT: 2.716 min Scan# 428
Delta R.T. -0.006 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

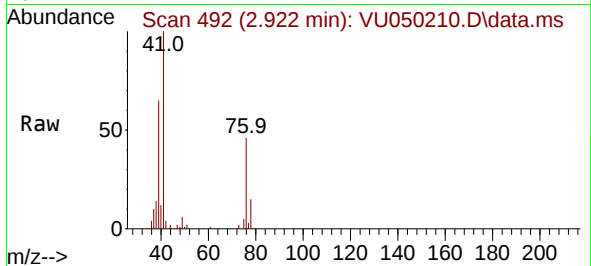
Tgt Ion:142 Resp: 11988
Ion Ratio Lower Upper
142 100
127 44.6 38.2 57.2





#11
 Allyl Chloride
 Concen: 1.909 ug/l
 RT: 2.922 min Scan# 49
 Delta R.T. 0.000 min
 Lab File: VU050210.D
 Acq: 10 Aug 2022 10:12

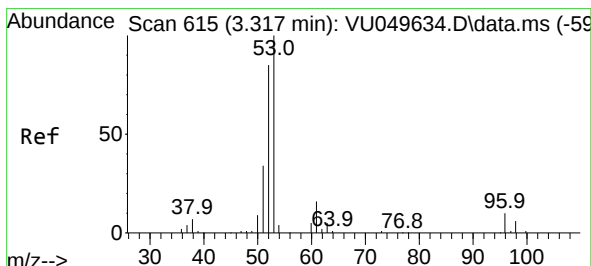
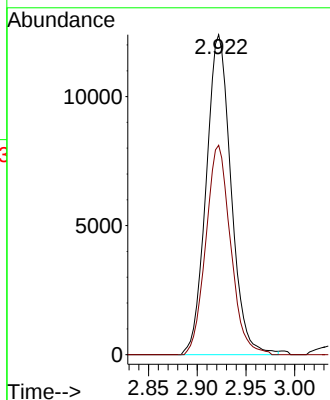
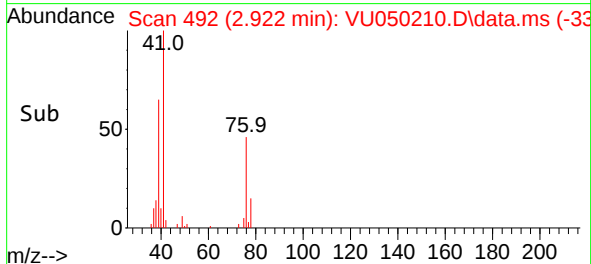
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002



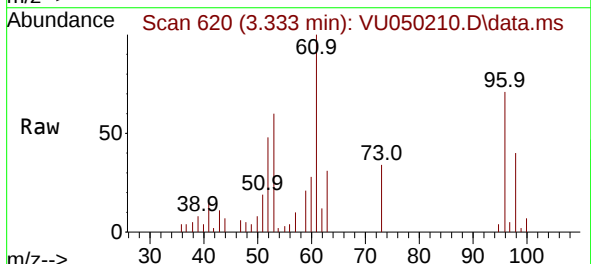
Tgt Ion: 41 Resp: 2204
 Ion Ratio Lower Upper
 41 100
 39 65.1 53.2 79.8

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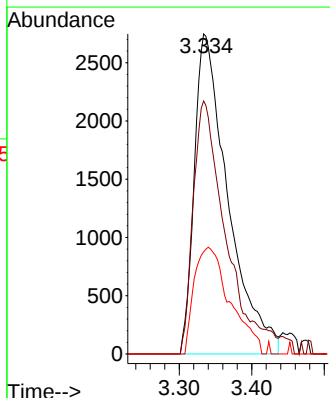
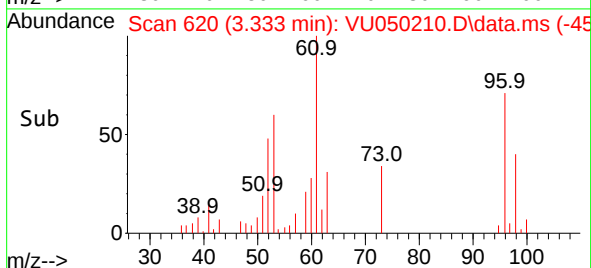
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

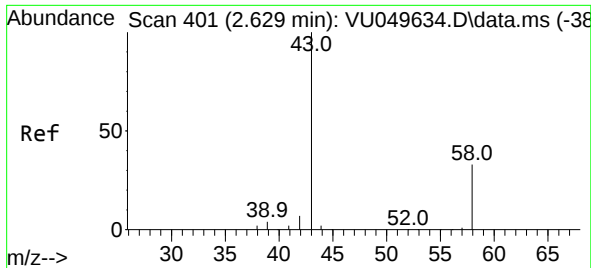


#12
 Acrylonitrile
 Concen: 4.891 ug/l
 RT: 3.333 min Scan# 620
 Delta R.T. 0.016 min
 Lab File: VU050210.D
 Acq: 10 Aug 2022 10:12



Tgt Ion: 53 Resp: 8856
 Ion Ratio Lower Upper
 53 100
 52 76.6 64.6 97.0
 51 35.6 30.7 46.1





#13

Acetone

Concen: 10.431 ug/l

RT: 2.658 min Scan# 410

Delta R.T. 0.029 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 43 Resp: 1490

Ion Ratio Lower Upper

43 100

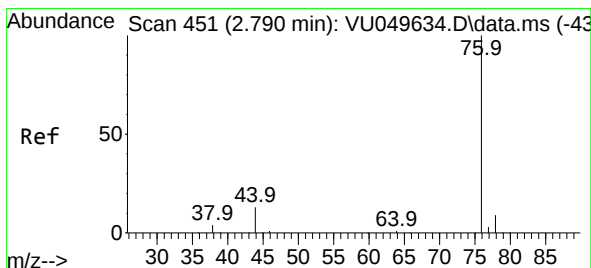
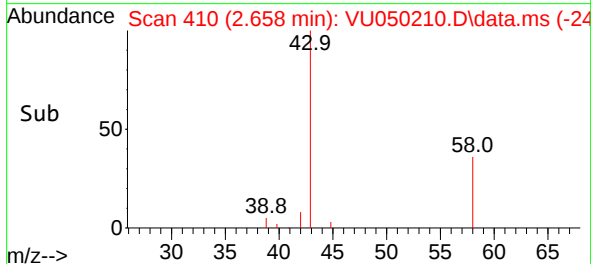
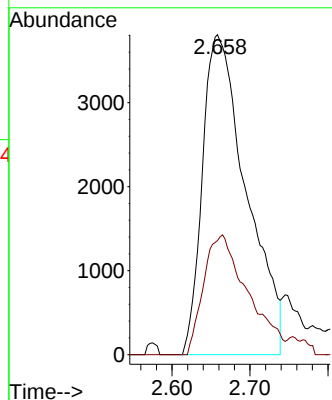
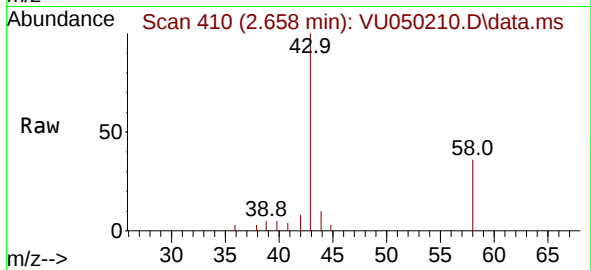
58 35.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#14

Carbon Disulfide

Concen: 2.682 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050210.D

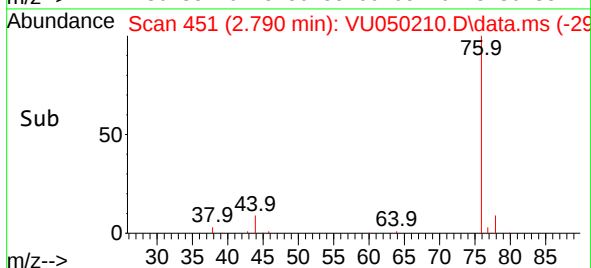
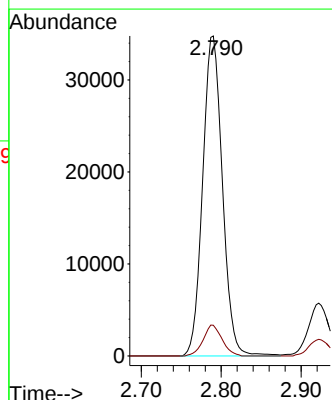
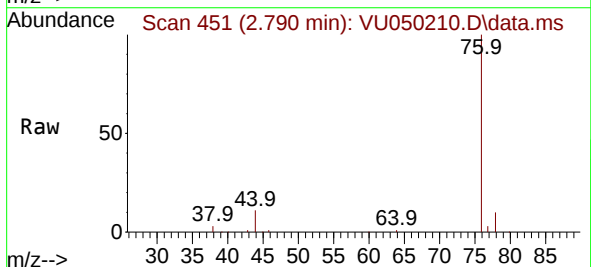
Acq: 10 Aug 2022 10:12

Tgt Ion: 76 Resp: 59794

Ion Ratio Lower Upper

76 100

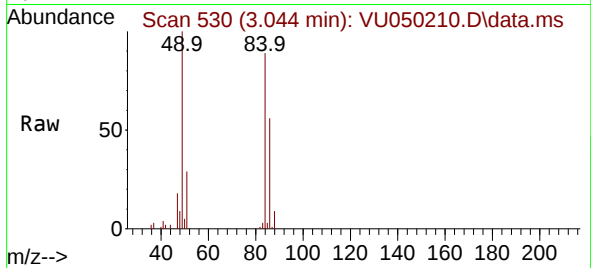
78 9.6 7.4 11.0





#15
Methylene Chloride
Concen: 2.760 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

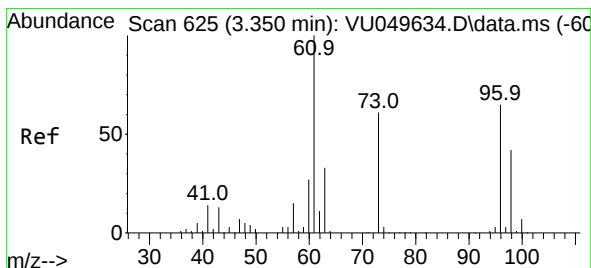
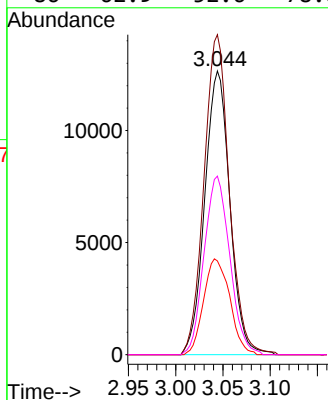
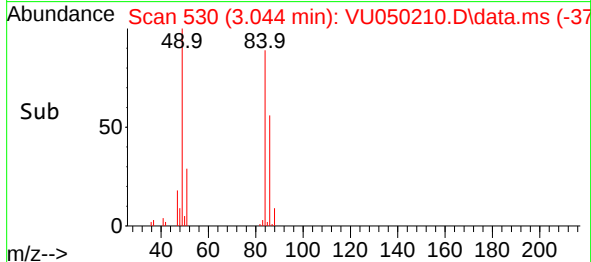
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 84 Resp: 23408
Ion Ratio Lower Upper
84 100
49 112.8 104.6 157.0
51 33.1 0.0 81.4
86 62.9 52.6 78.8

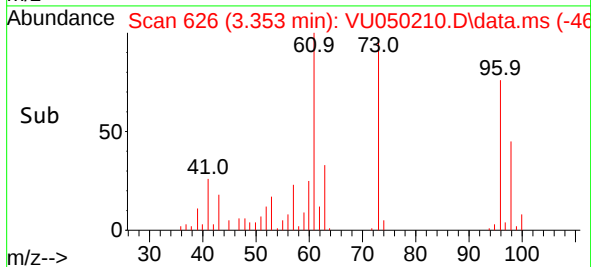
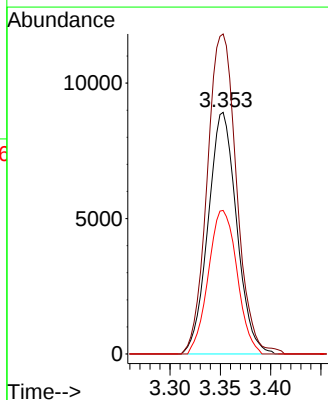
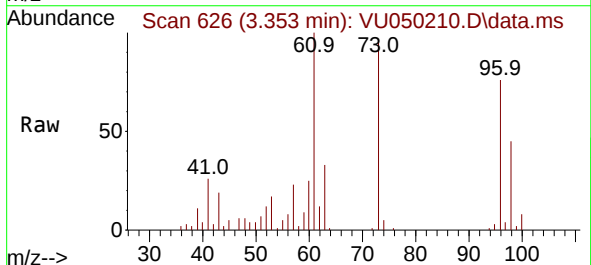
Manual Integrations
APPROVED

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



#16
trans-1,2-Dichloroethene
Concen: 2.477 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

Tgt Ion: 96 Resp: 17613
Ion Ratio Lower Upper
96 100
61 132.4 123.4 185.0
98 59.4 51.6 77.4





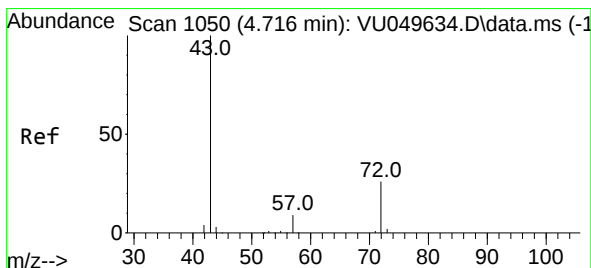
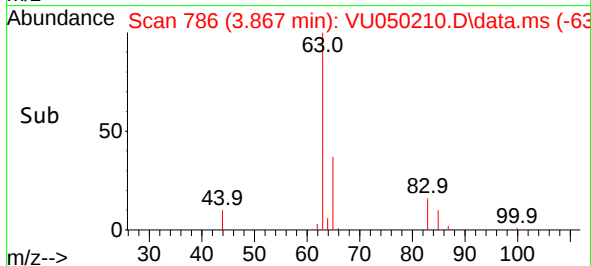
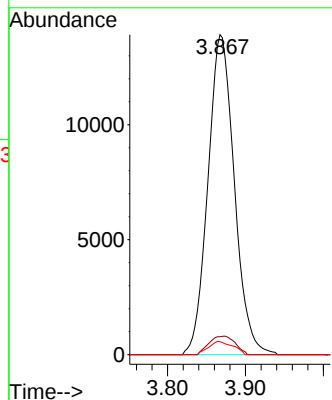
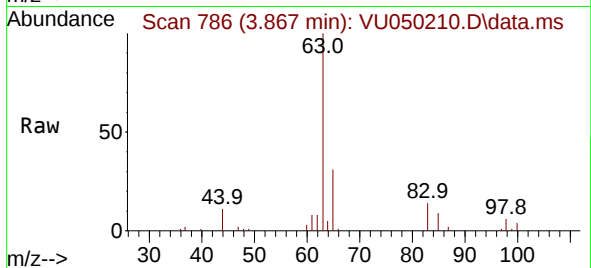
#17
1,1-Dichloroethane
Concen: 2.232 ug/l
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 63 Resp: 3282
Ion Ratio Lower Upper
63 100
98 5.6 3.4 10.2
100 4.1 2.0 6.0

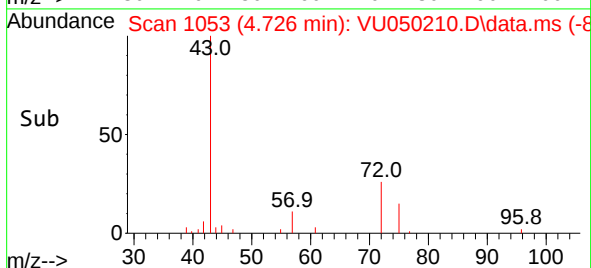
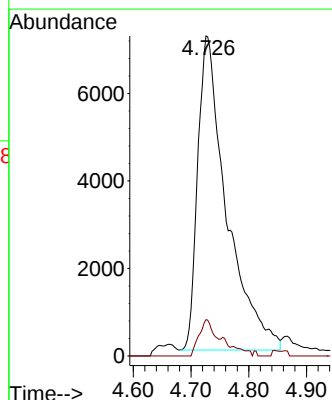
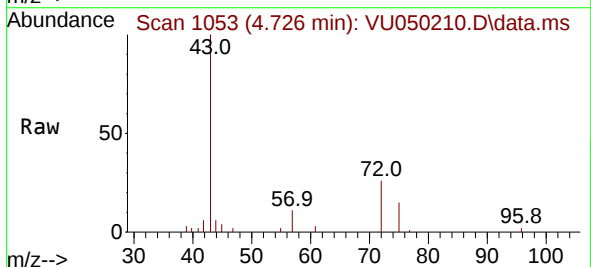
Manual Integrations
APPROVED

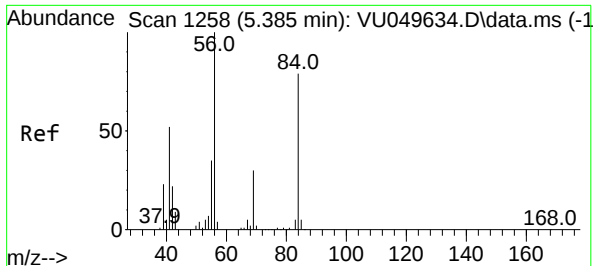
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#18
2-Butanone
Concen: 10.255 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.010 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

Tgt Ion: 43 Resp: 24973
Ion Ratio Lower Upper
43 100
57 11.5 0.0 18.0





#19

Cyclohexane

Concen: 1.543 ug/l m

RT: 5.388 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

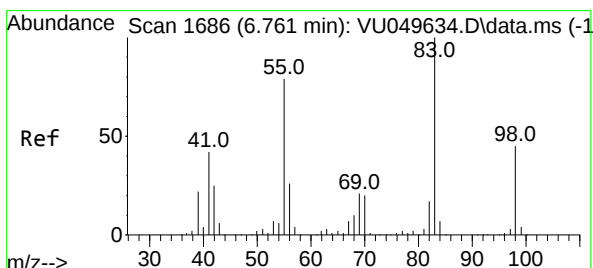
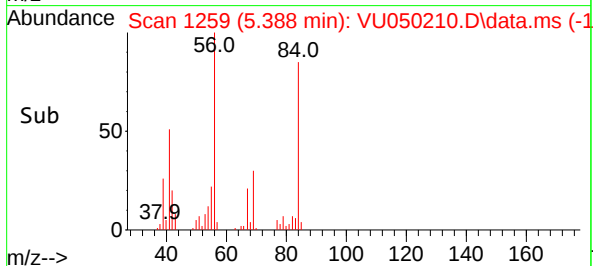
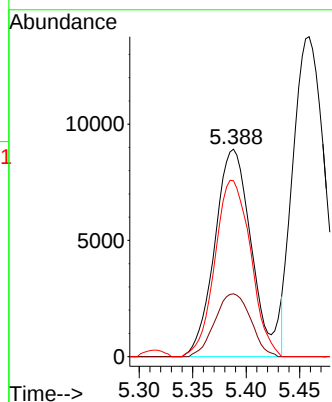
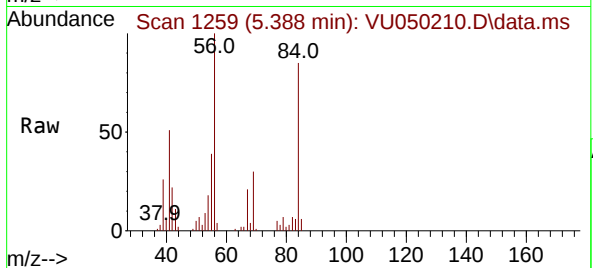
Tgt Ion:	56	Resp:	2168
Ion Ratio	Lower	Upper	
56	100		
69	29.0	24.2	36.4
84	81.3	63.4	95.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#20

Methylcyclohexane

Concen: 1.445 ug/l

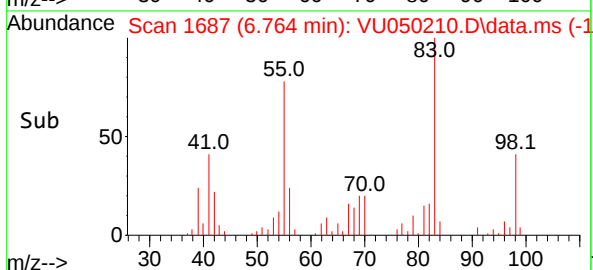
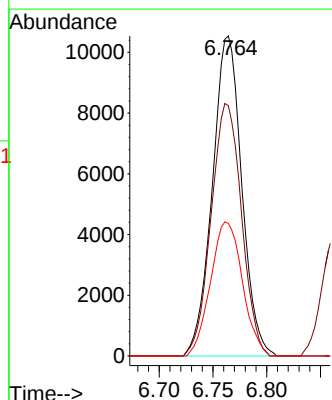
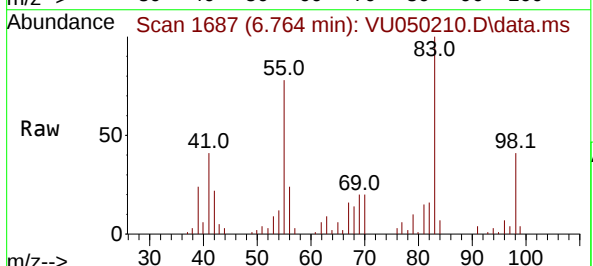
RT: 6.764 min Scan# 1687

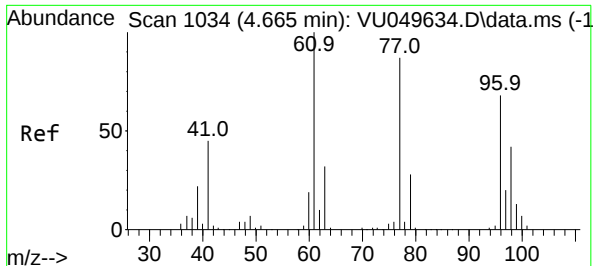
Delta R.T. 0.003 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

Tgt Ion:	83	Resp:	20024
Ion Ratio	Lower	Upper	
83	100		
55	81.5	63.0	94.4
98	45.5	35.7	53.5





#21

2,2-Dichloropropane

Concen: 2.024 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 77 Resp: 24360

Ion Ratio Lower Upper

77 100

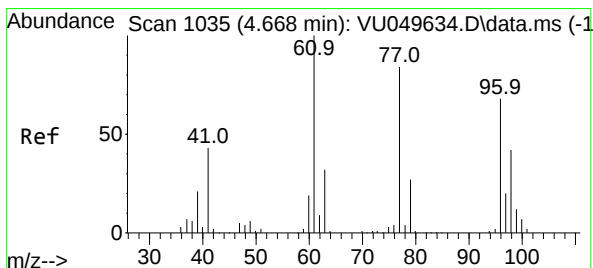
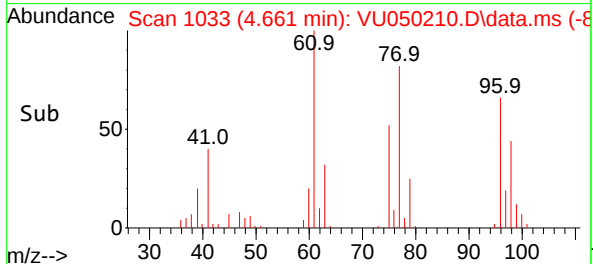
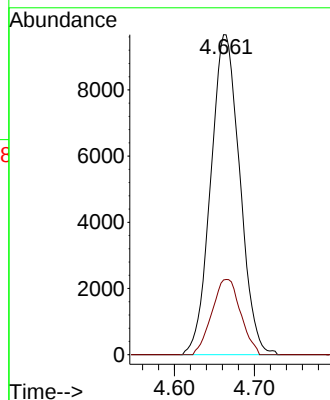
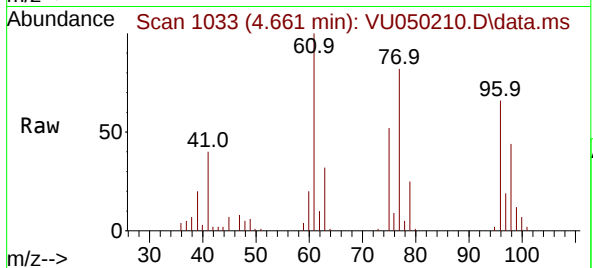
97 23.2 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#22

cis-1,2-Dichloroethene

Concen: 2.182 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

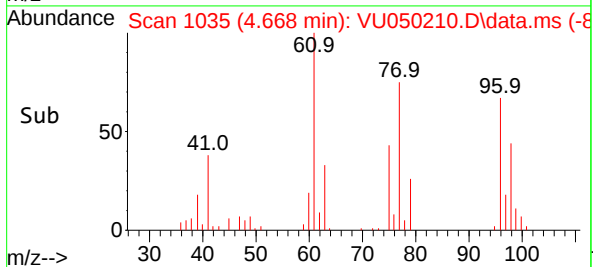
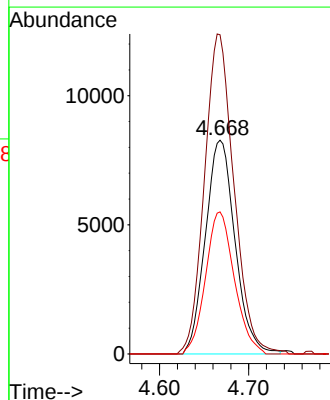
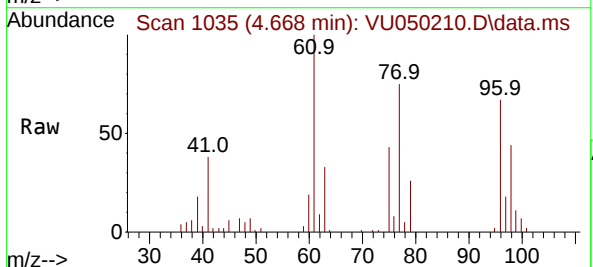
Tgt Ion: 96 Resp: 19142

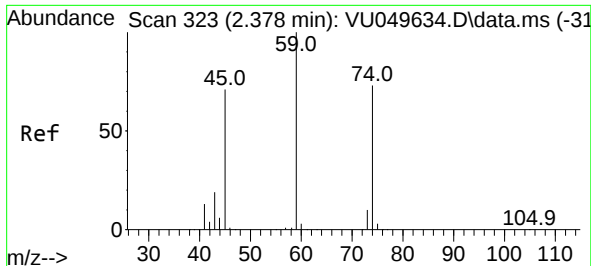
Ion Ratio Lower Upper

96 100

61 148.8 0.0 375.8

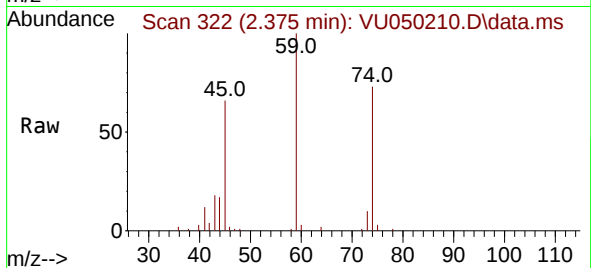
98 64.5 31.6 95.0





#23
Diethyl Ether
Concen: 2.438 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

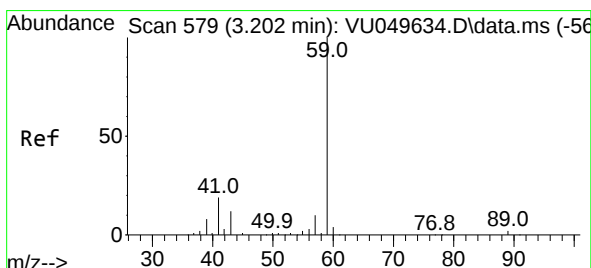
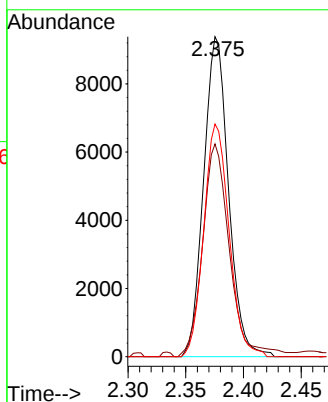
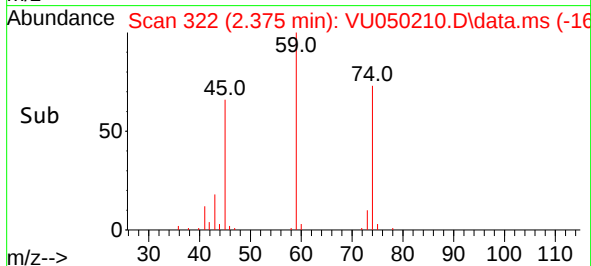
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 59 Resp: 1406
Ion Ratio Lower Upper
59 100
45 71.6 56.0 84.0
74 74.1 57.6 86.4

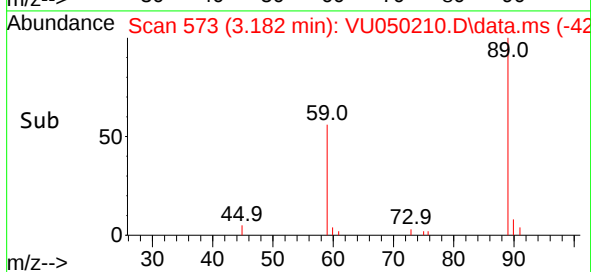
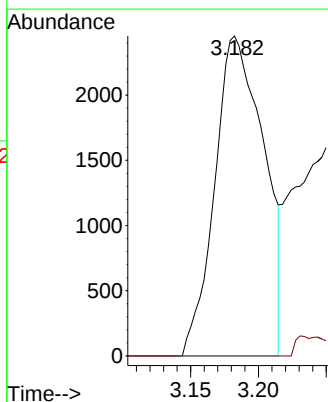
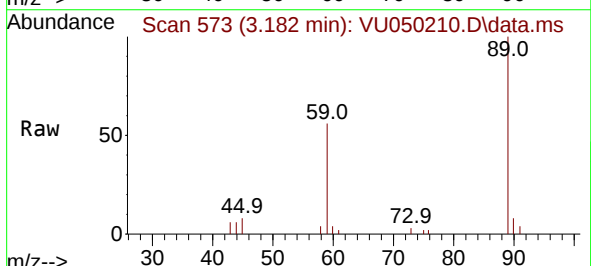
Manual Integrations
APPROVED

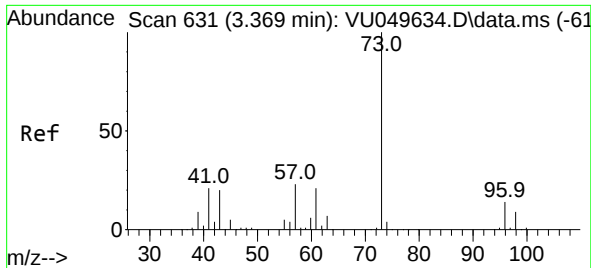
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#24
tert-Butyl Alcohol
Concen: 9.366 ug/l
RT: 3.182 min Scan# 573
Delta R.T. -0.019 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

Tgt Ion: 59 Resp: 6165
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





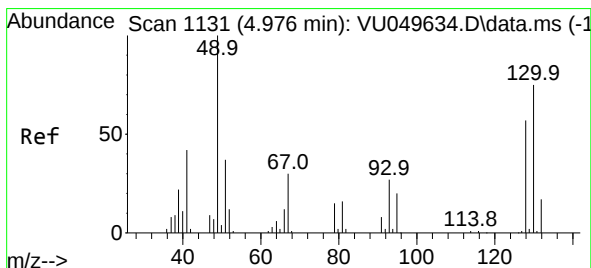
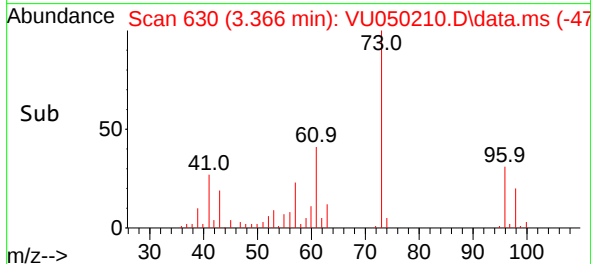
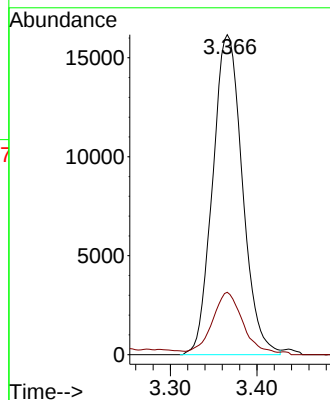
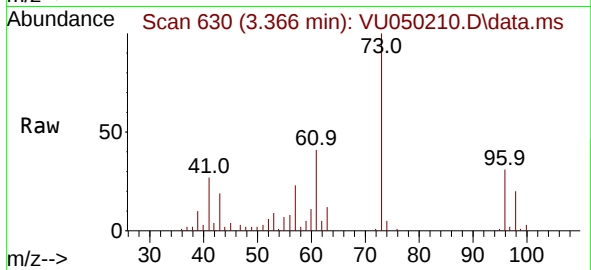
#25
Methyl tert-Butyl Ether
Concen: 2.037 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 73 Resp: 38574
Ion Ratio Lower Upper
73 100
43 18.4 15.9 23.9

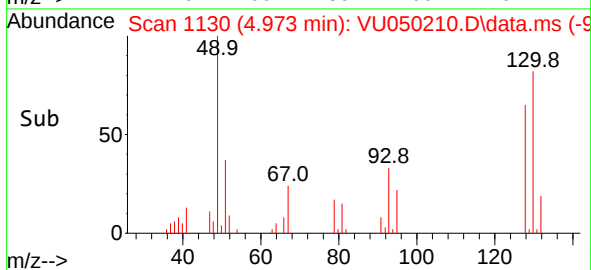
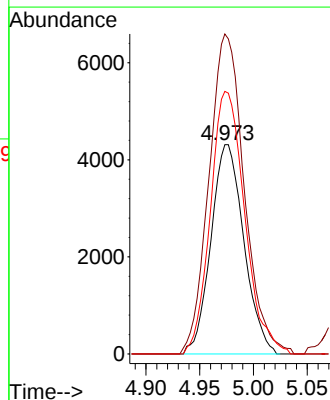
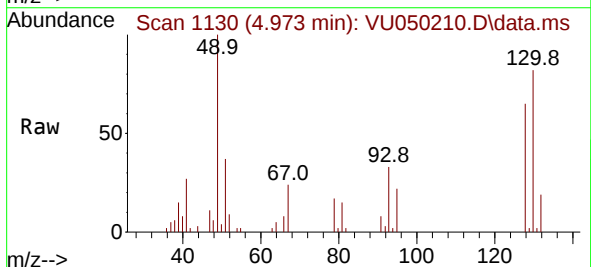
Manual Integrations
APPROVED

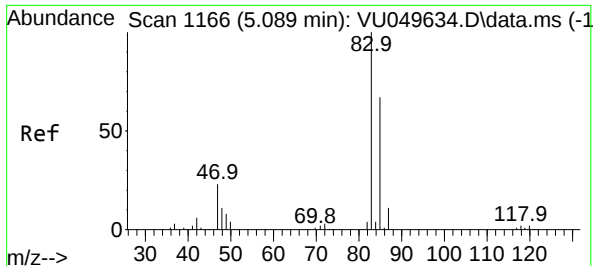
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#26
Bromochloromethane
Concen: 2.484 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

Tgt Ion:128 Resp: 9173
Ion Ratio Lower Upper
128 100
49 163.8 0.0 349.2
130 131.1 103.0 154.6





#27

Chloroform

Concen: 2.355 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 83 Resp: 3408

Ion Ratio Lower Upper

83 100

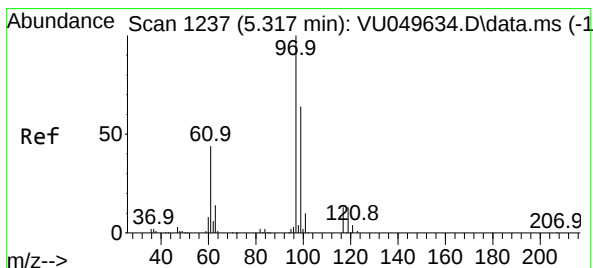
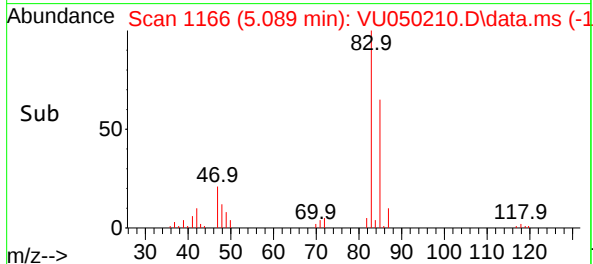
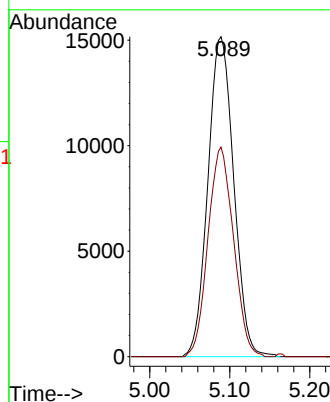
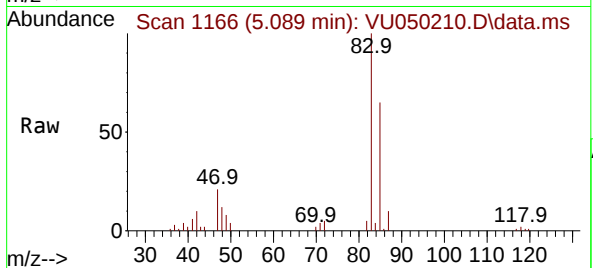
85 65.5 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#28

1,1,1-Trichloroethane

Concen: 2.041 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

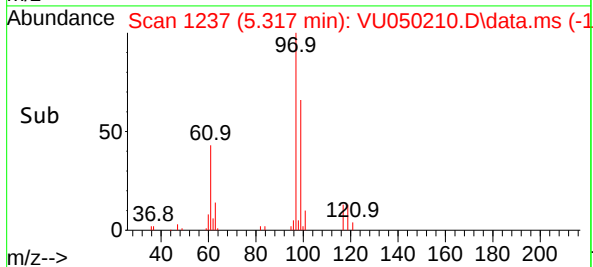
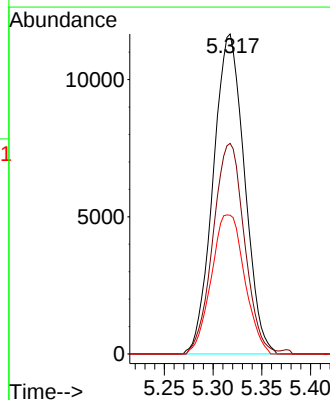
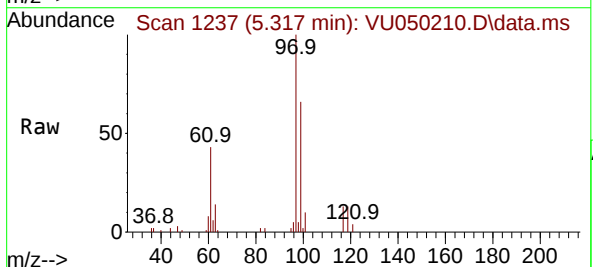
Tgt Ion: 97 Resp: 26051

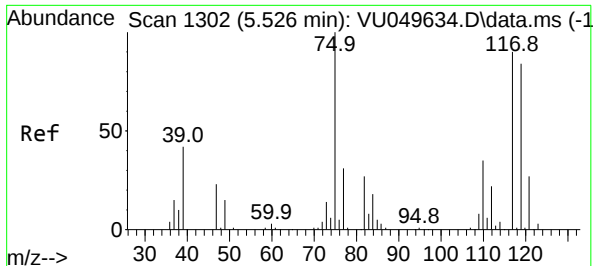
Ion Ratio Lower Upper

97 100

99 66.1 32.1 96.5

61 46.1 21.8 65.4





#29

1,1-Dichloropropene

Concen: 1.902 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 75 Resp: 2168

Ion Ratio Lower Upper

75 100

110 33.7 17.3 52.0

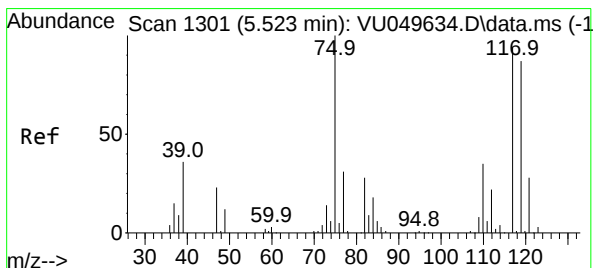
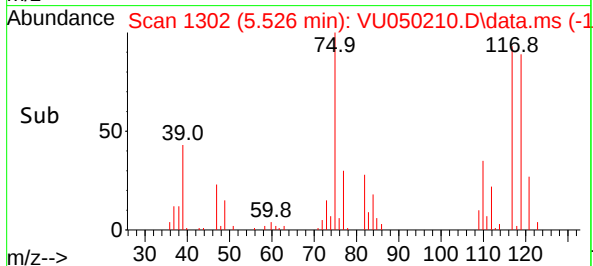
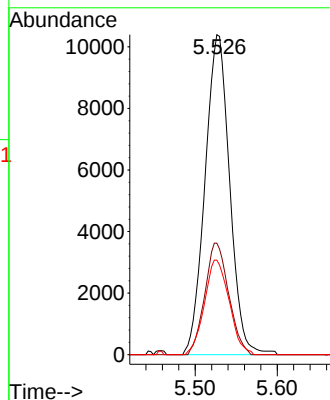
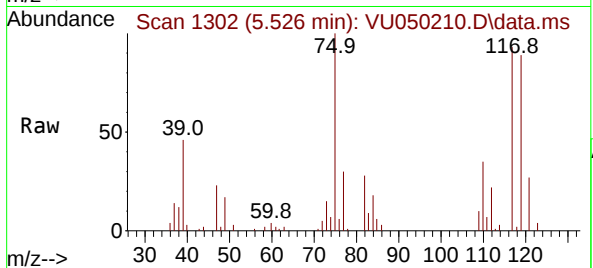
77 29.6 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#30

Carbon Tetrachloride

Concen: 2.019 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.003 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

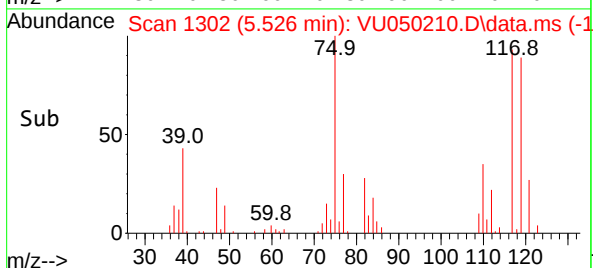
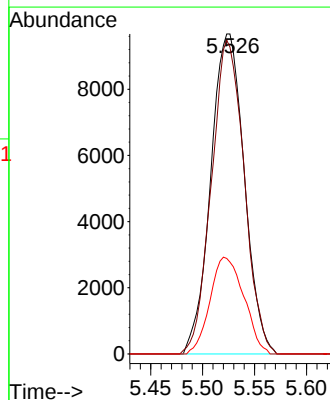
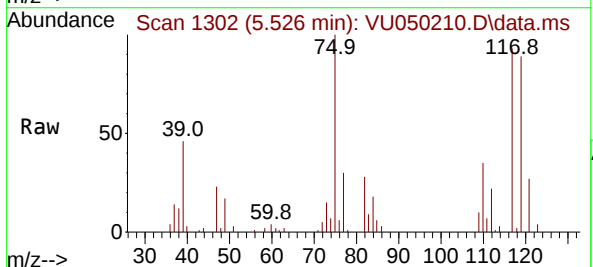
Tgt Ion:117 Resp: 21699

Ion Ratio Lower Upper

117 100

119 95.9 74.6 112.0

121 28.7 24.2 36.4





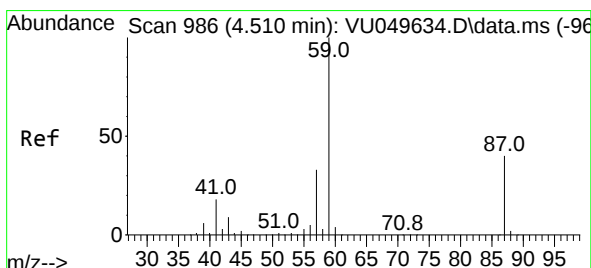
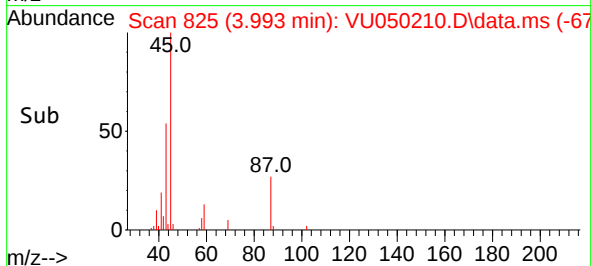
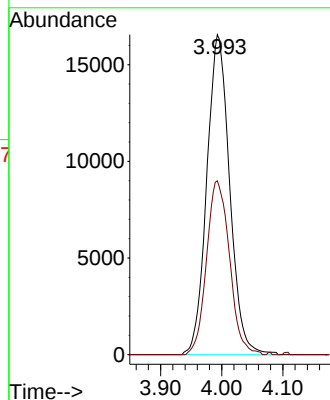
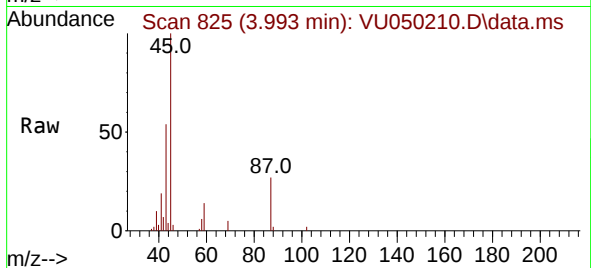
#31
Isopropyl Ether
Concen: 1.706 ug/l
RT: 3.993 min Scan# 81
Delta R.T. -0.006 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 43038
Ion Ratio Lower Upper
45 100
43 54.6 23.8 71.2

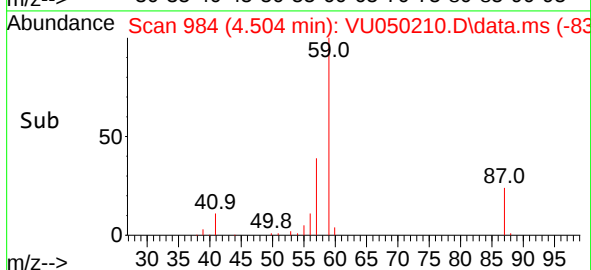
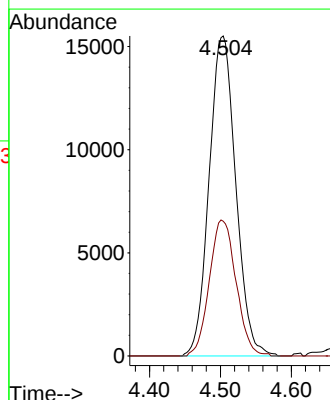
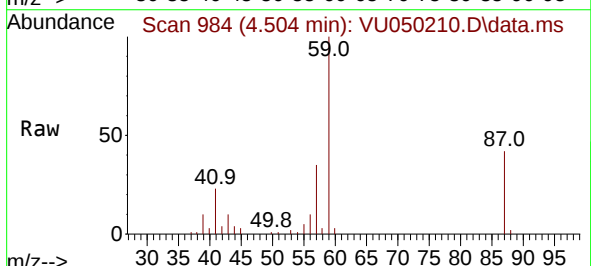
Manual Integrations
APPROVED

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



#32
Ethyl-t-butyl ether
Concen: 1.699 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.006 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

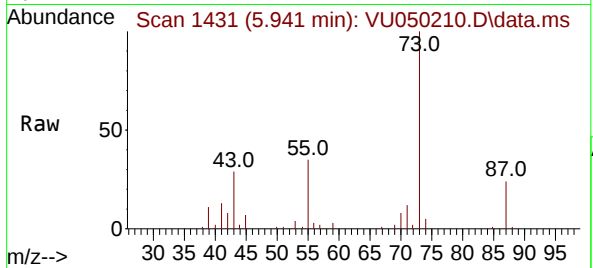
Tgt Ion: 59 Resp: 40561
Ion Ratio Lower Upper
59 100
87 42.6 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 1.741 ug/l
RT: 5.941 min Scan# 1432
Delta R.T. -0.003 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

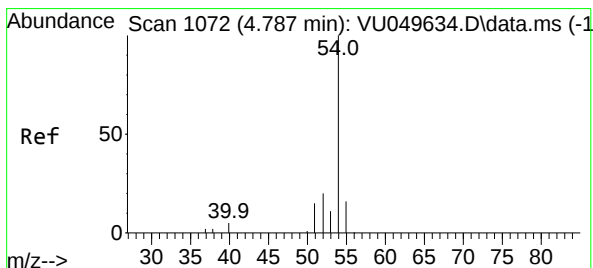
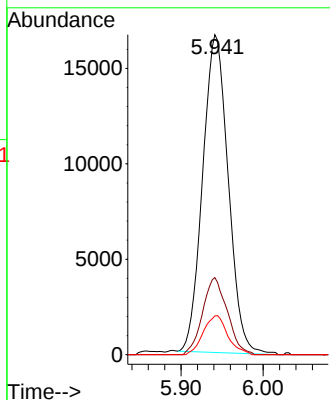
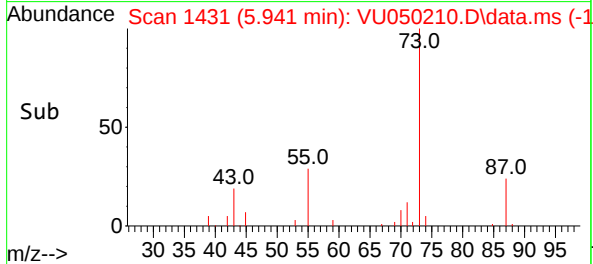
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



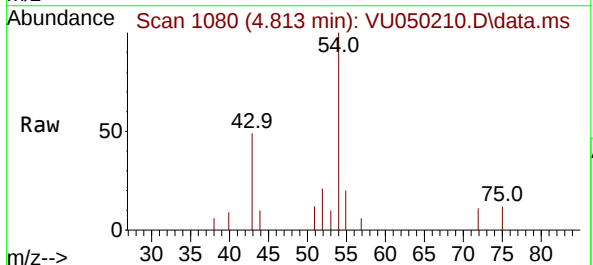
Tgt Ion: 73 Resp: 3614
Ion Ratio Lower Upper
73 100
87 23.4 19.7 29.5
71 11.7 9.0 13.4

Manual Integrations
APPROVED

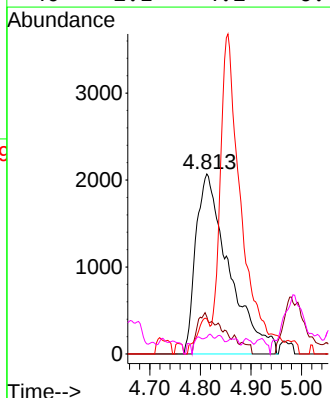
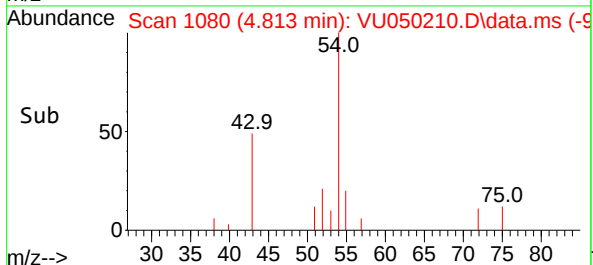
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

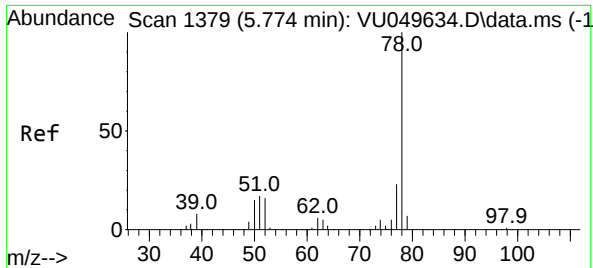


#34
Propionitrile
Concen: 13.407 ug/l m
RT: 4.813 min Scan# 1080
Delta R.T. 0.026 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12



Tgt Ion: 54 Resp: 9362
Ion Ratio Lower Upper
54 100
52 15.9 15.0 22.6
55 7.7 12.6 19.0#
40 2.1 4.2 6.4#





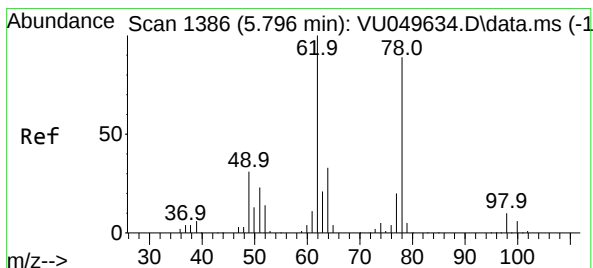
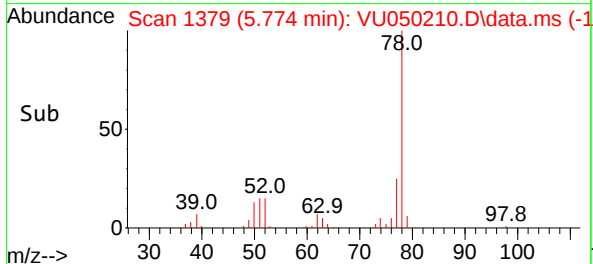
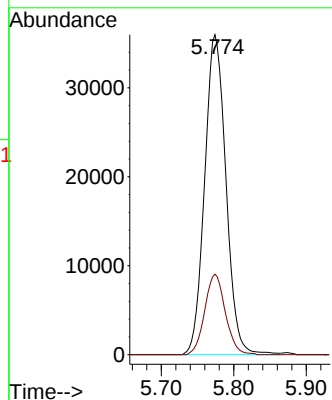
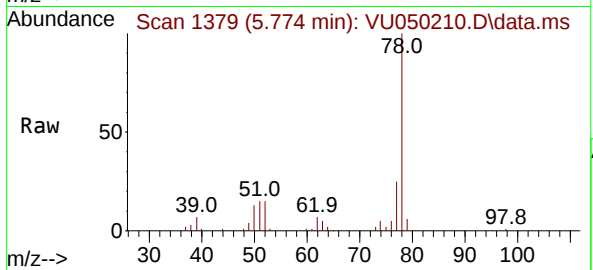
#35
Benzene
Concen: 2.262 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 78 Resp: 7346
Ion Ratio Lower Upper
78 100
77 25.2 18.6 28.0

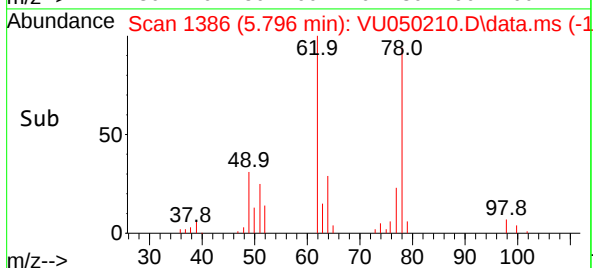
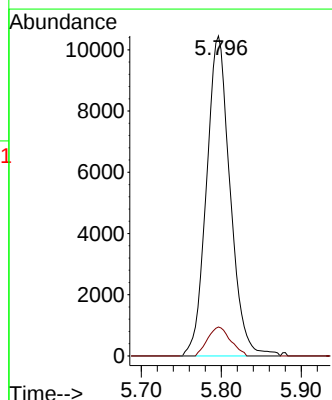
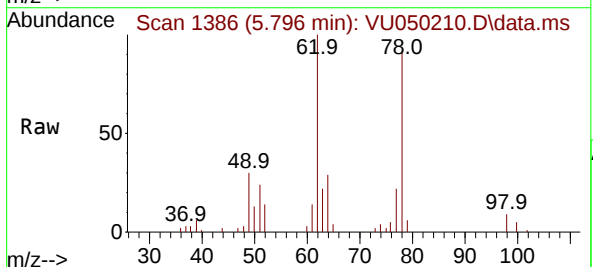
Manual Integrations
APPROVED

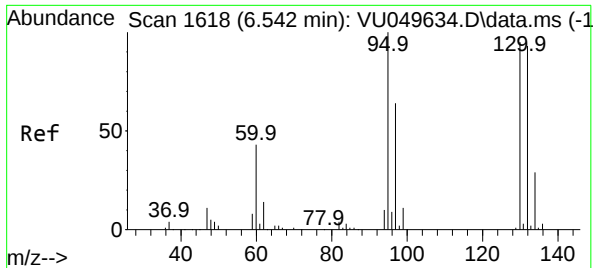
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#36
1,2-Dichloroethane
Concen: 2.323 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

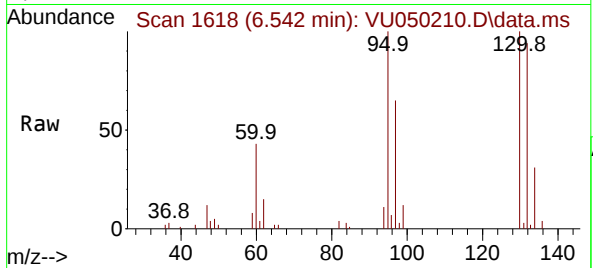
Tgt Ion: 62 Resp: 21452
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.0





#37
Trichloroethene
Concen: 2.057 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

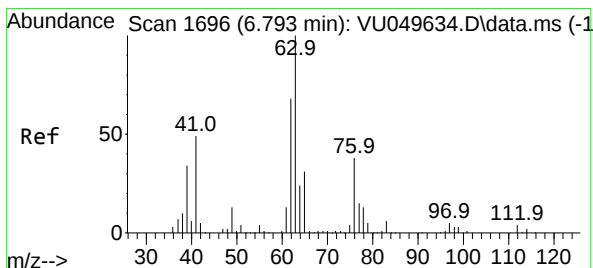
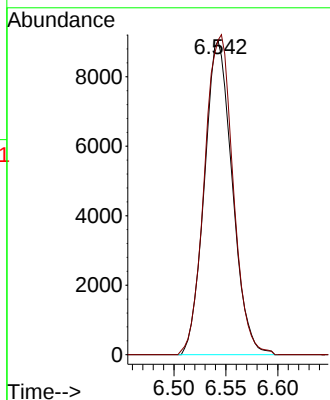
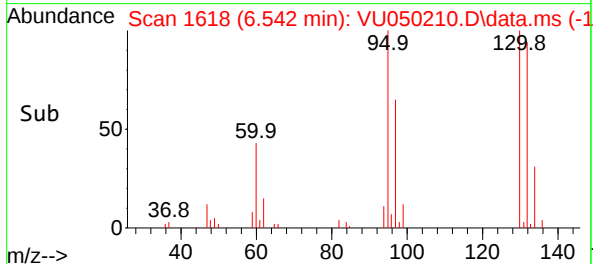
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



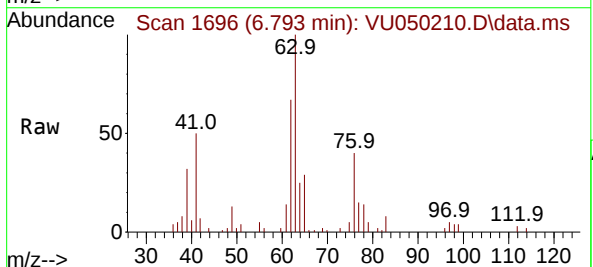
Tgt Ion:130 Resp: 1688
Ion Ratio Lower Upper
130 100
95 100.1 83.8 125.8

Manual Integrations
APPROVED

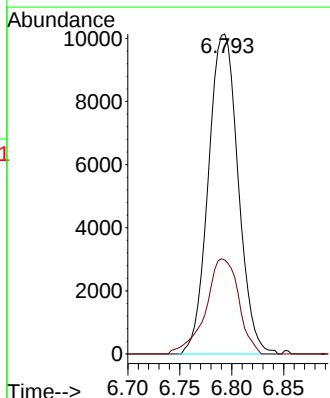
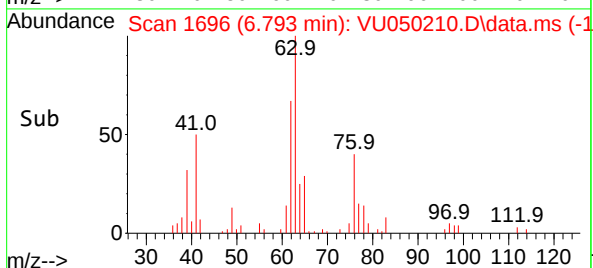
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

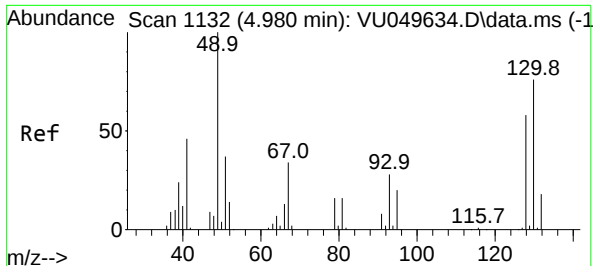


#38
1,2-Dichloropropane
Concen: 2.353 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12



Tgt Ion: 63 Resp: 20233
Ion Ratio Lower Upper
63 100
65 29.3 25.0 37.4





#39

Methacrylonitrile

Concen: 1.783 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

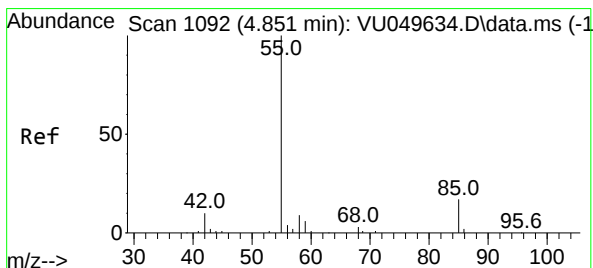
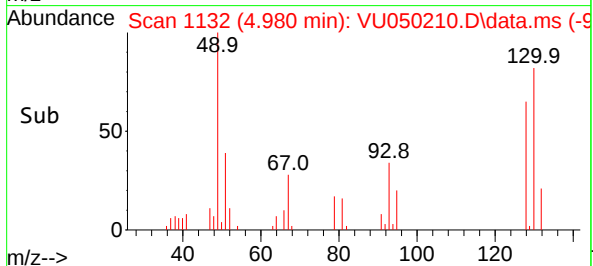
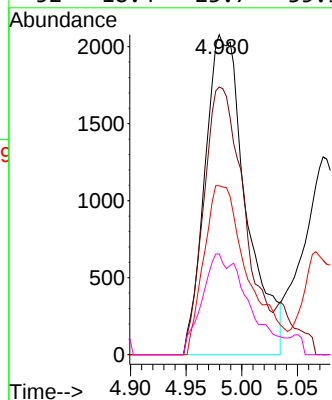
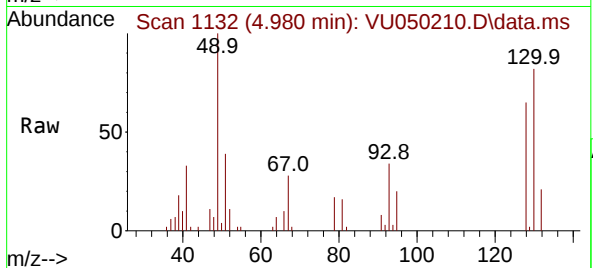
Tgt Ion: 41	Resp: 533
Ion Ratio	Lower Upper
41 100	
67 83.1	59.4 89.0
39 57.3	42.2 63.2
52 18.4	23.7 35.5#

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#40

Methyl acrylate

Concen: 2.105 ug/l

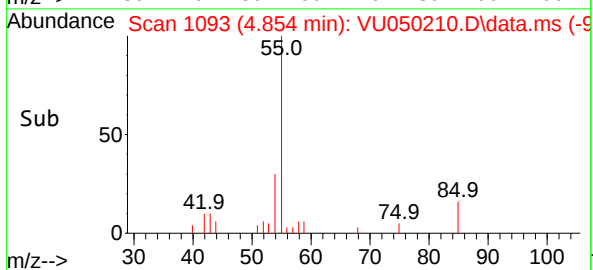
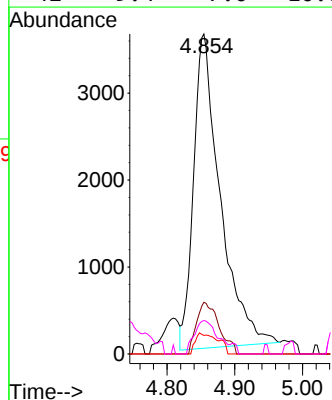
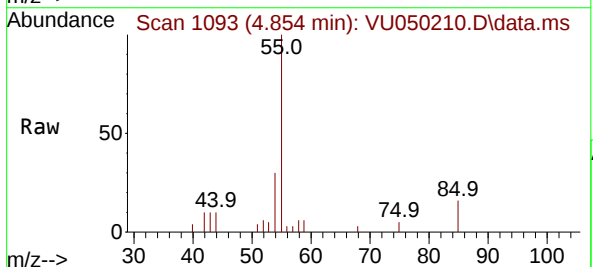
RT: 4.854 min Scan# 1093

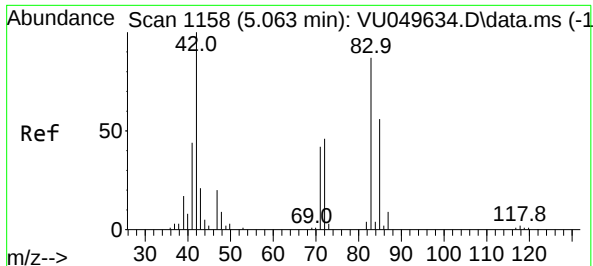
Delta R.T. 0.003 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

Tgt Ion: 55	Resp: 9863
Ion Ratio	Lower Upper
55 100	
85 13.9	13.5 20.3
58 5.6	7.0 10.4#
42 9.4	7.0 10.6





#41

Tetrahydrofuran

Concen: 3.707 ug/l

RT: 5.070 min Scan# 1158

Delta R.T. 0.007 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

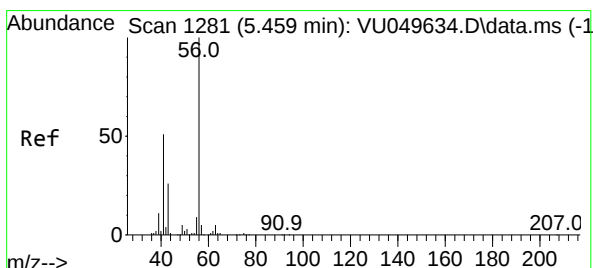
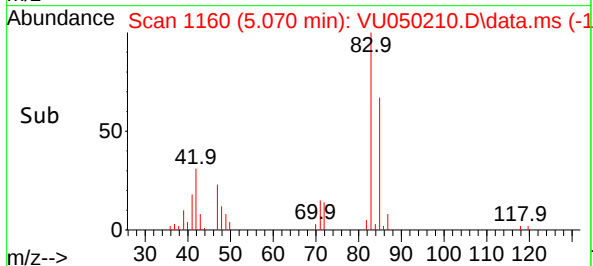
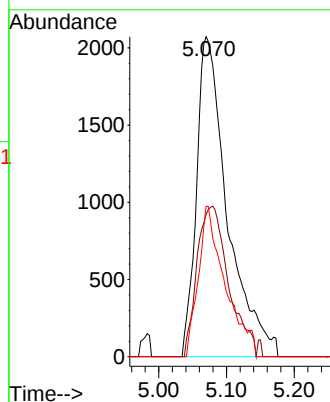
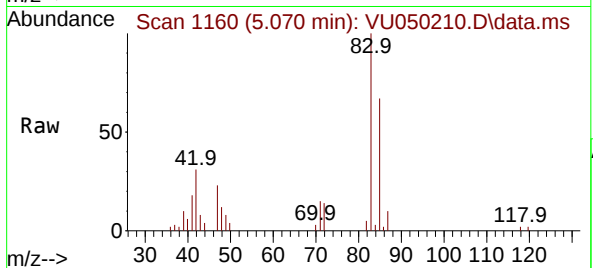
Tgt Ion:	42	Resp:	6550
Ion Ratio	Lower	Upper	
42	100		
72	48.0	38.9	58.3
71	40.7	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#42

1-Chlorobutane

Concen: 1.867 ug/l

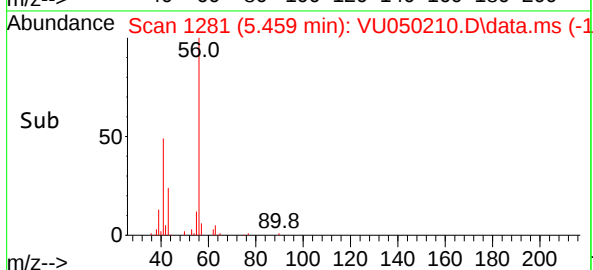
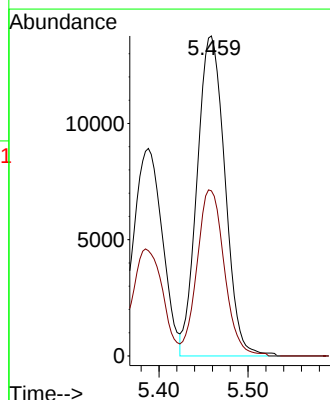
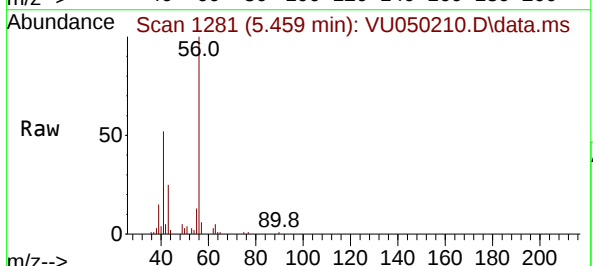
RT: 5.459 min Scan# 1281

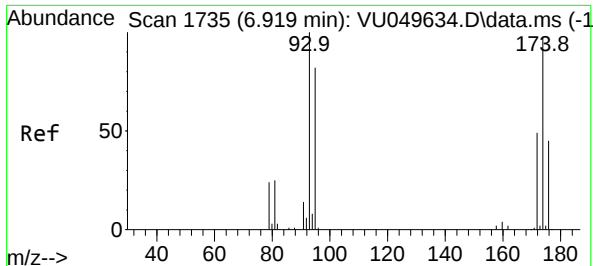
Delta R.T. 0.000 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

Tgt Ion:	56	Resp:	29843
Ion Ratio	Lower	Upper	
56	100		
41	51.0	26.4	79.2





#43

Dibromomethane

Concen: 2.438 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 93 Resp: 1044

Ion Ratio Lower Upper

93 100

95 86.5 65.0 97.6

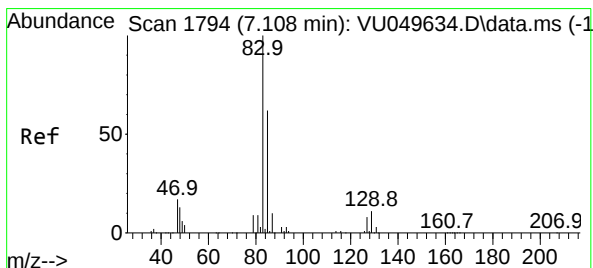
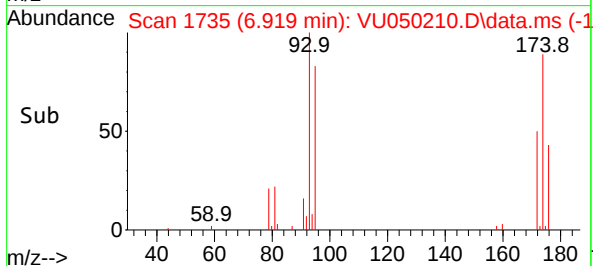
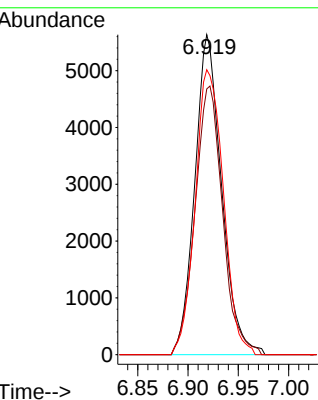
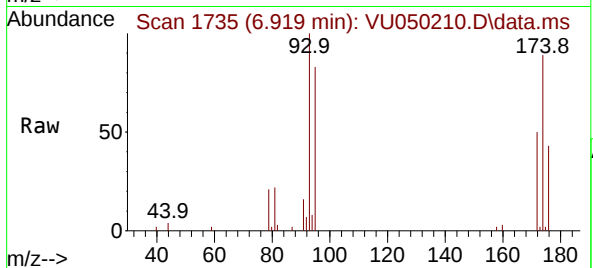
174 93.5 76.3 114.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#44

Bromodichloromethane

Concen: 2.424 ug/l

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

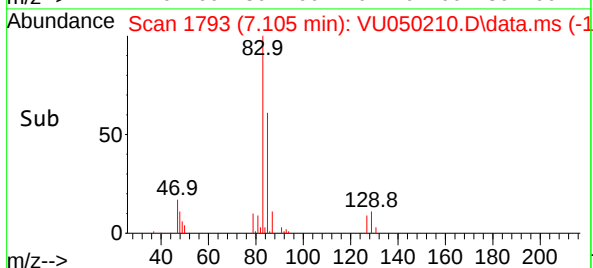
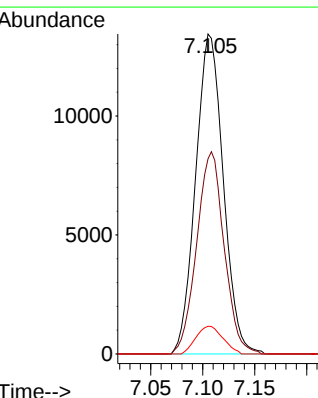
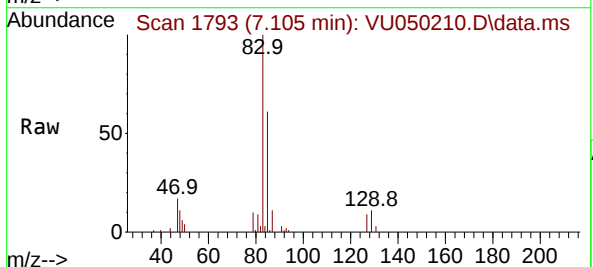
Tgt Ion: 83 Resp: 24893

Ion Ratio Lower Upper

83 100

85 61.0 49.4 74.0

127 8.6 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 9.668 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

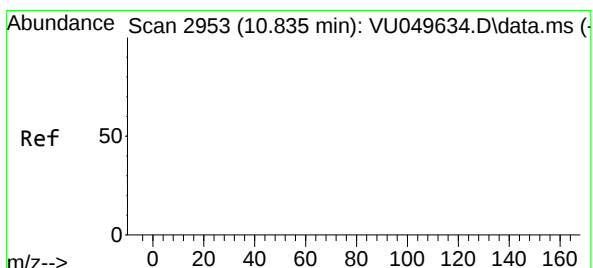
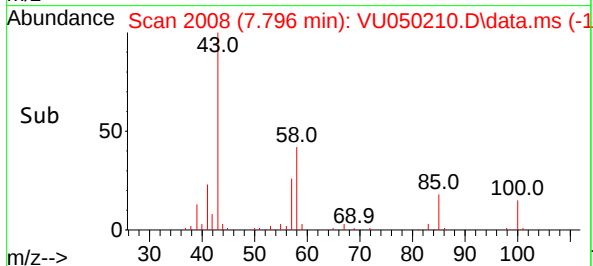
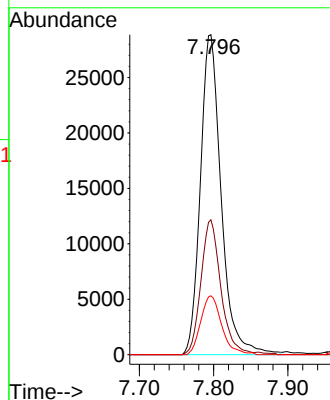
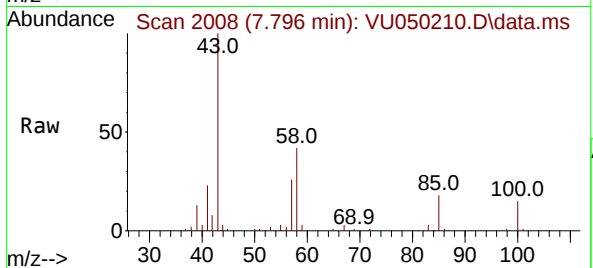
Tgt Ion:	43	Resp:	5621
Ion	Ratio	Lower	Upper
43	100		
58	40.3	20.3	61.0
85	18.5	14.6	21.8

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: 4.745 ug/l m

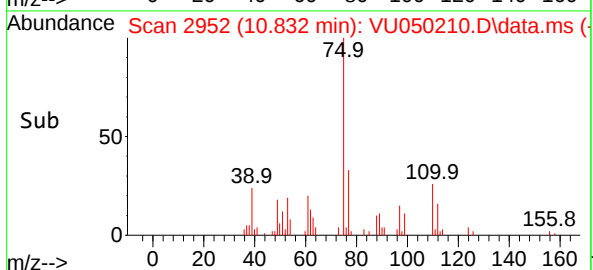
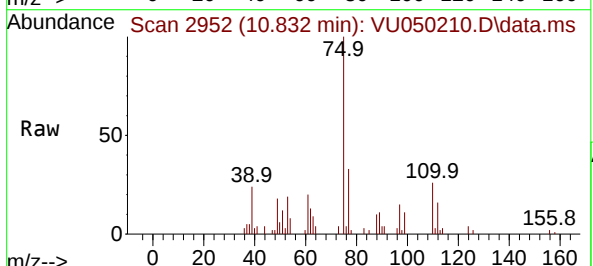
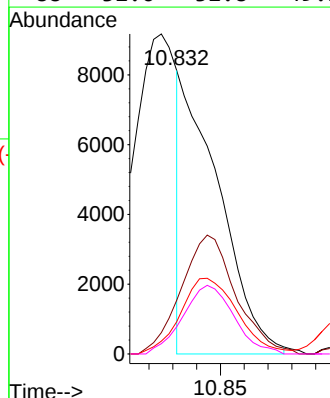
RT: 10.832 min Scan# 2952

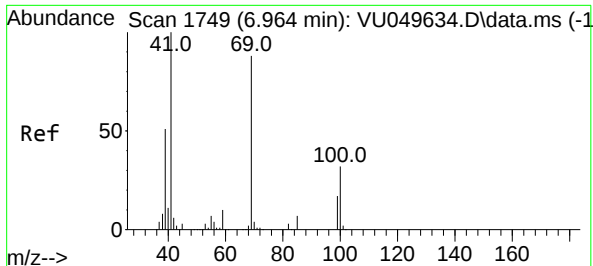
Delta R.T. -0.003 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

Tgt Ion:	75	Resp:	8979
Ion	Ratio	Lower	Upper
75	100		
53	60.5	64.4	96.6#
89	40.2	44.2	66.2#
88	32.6	32.8	49.2#





#47

Methyl methacrylate

Concen: 4.105 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 69 Resp: 1773

Ion Ratio Lower Upper

69 100

41 101.4 0.0 225.4

39 52.2 45.8 68.8

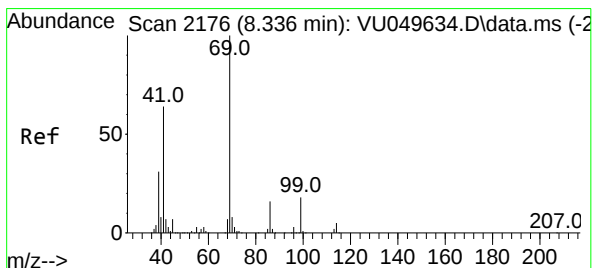
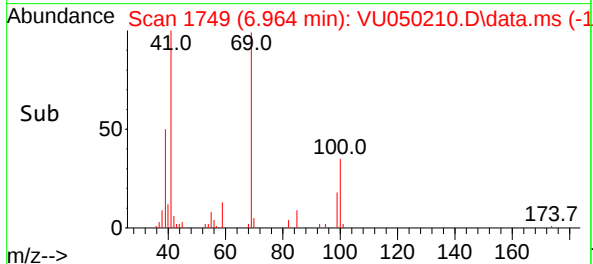
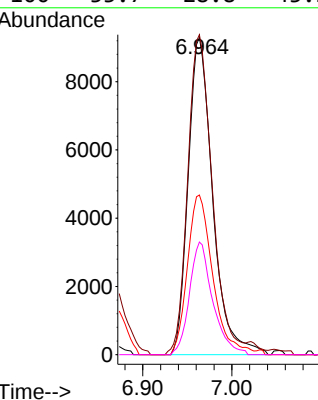
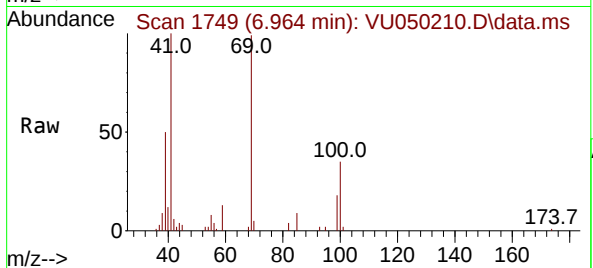
100 33.7 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#48

Ethyl methacrylate

Concen: 1.777 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU050210.D

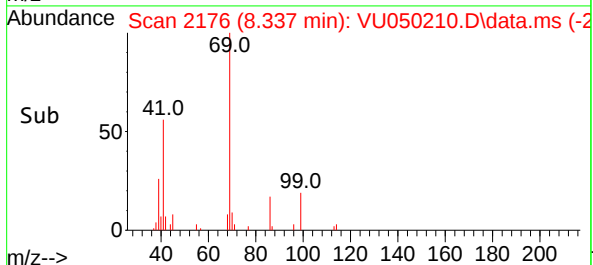
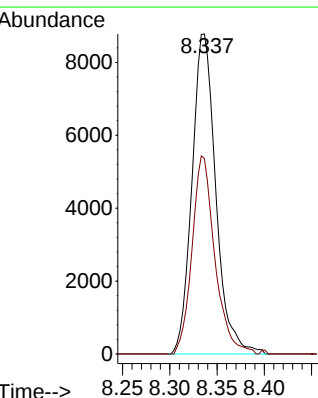
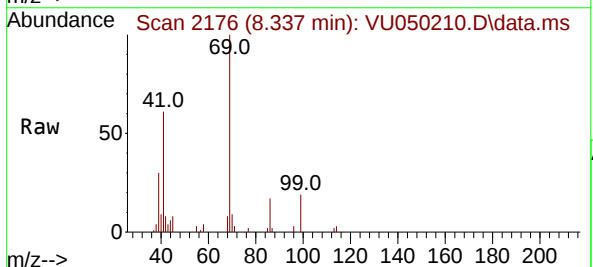
Acq: 10 Aug 2022 10:12

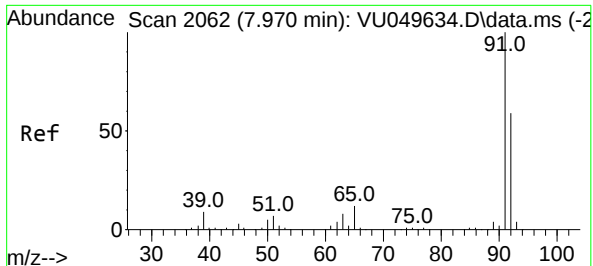
Tgt Ion: 69 Resp: 15402

Ion Ratio Lower Upper

69 100

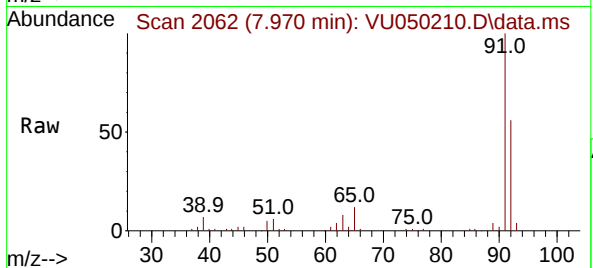
41 59.2 32.3 96.9





#49
Toluene
Concen: 2.000 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

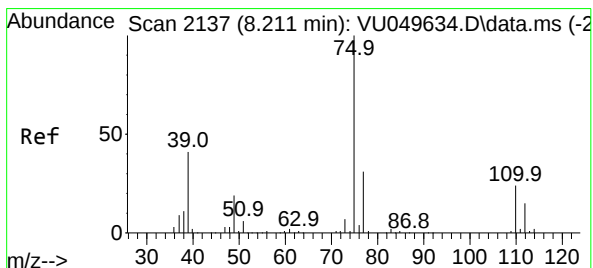
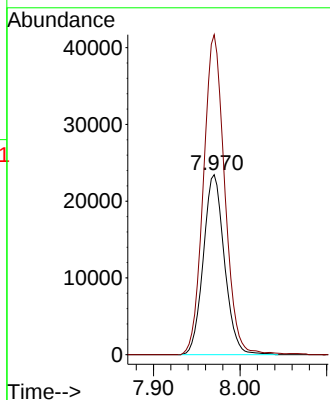
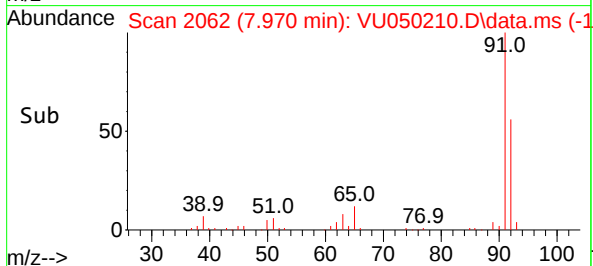
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 92 Resp: 39675
Ion Ratio Lower Upper
92 100
91 179.5 138.6 207.8

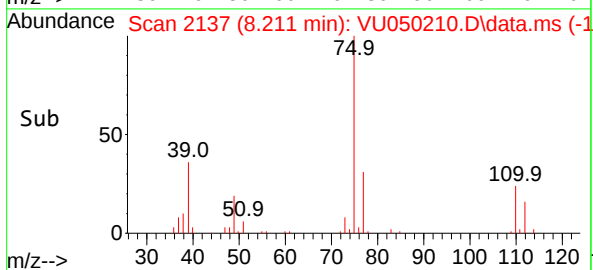
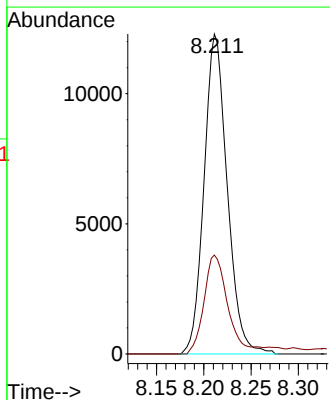
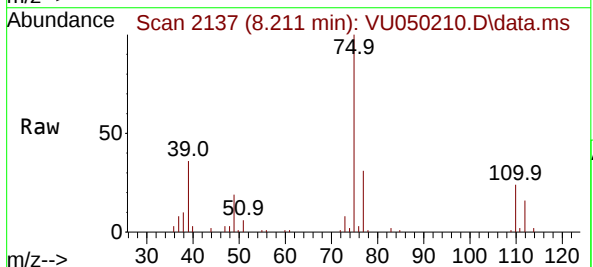
Manual Integrations
APPROVED

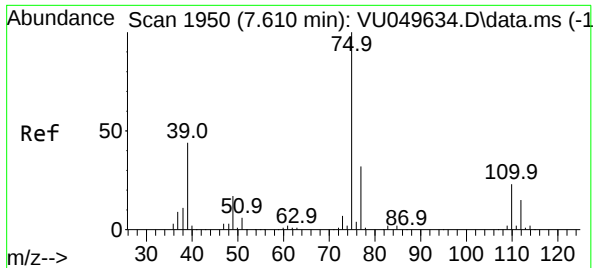
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#50
t-1,3-Dichloropropene
Concen: 2.111 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

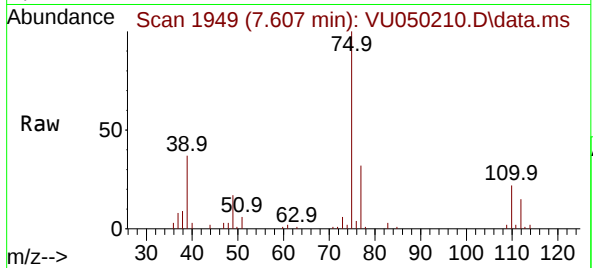
Tgt Ion: 75 Resp: 20941
Ion Ratio Lower Upper
75 100
77 30.9 24.7 37.1





#51
 cis-1,3-Dichloropropene
 Concen: 2.120 ug/l
 RT: 7.607 min Scan# 1950
 Delta R.T. -0.003 min
 Lab File: VU050210.D
 Acq: 10 Aug 2022 10:12

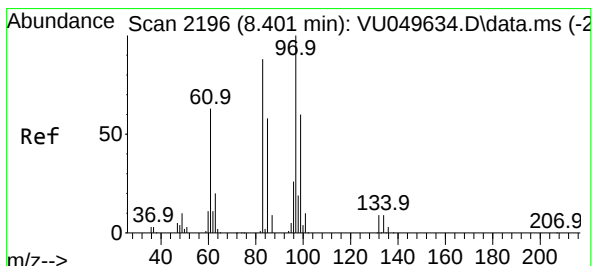
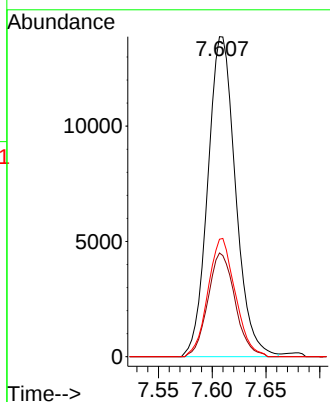
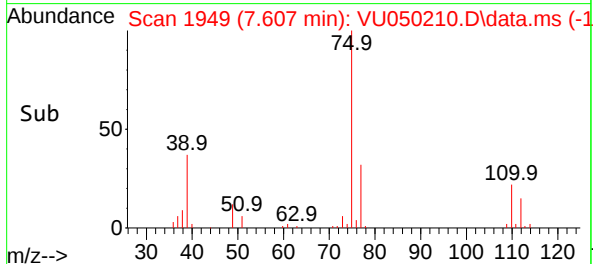
Instrument : MSVOA_U
 ClientSampleId : VSTDIC002



Tgt Ion: 75 Resp: 2492
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0
 39 36.7 35.1 52.7

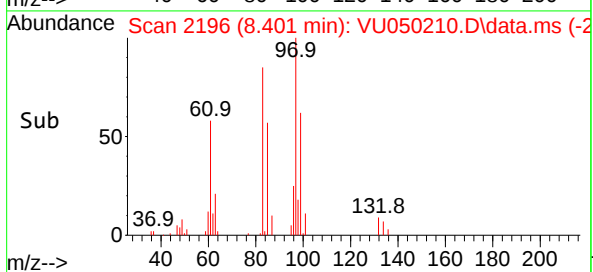
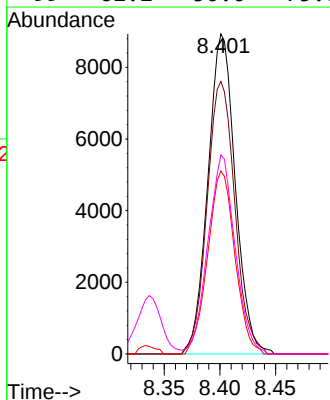
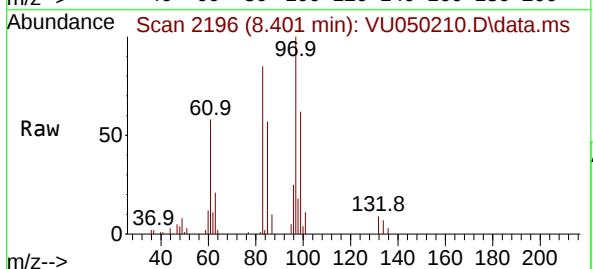
Manual Integrations
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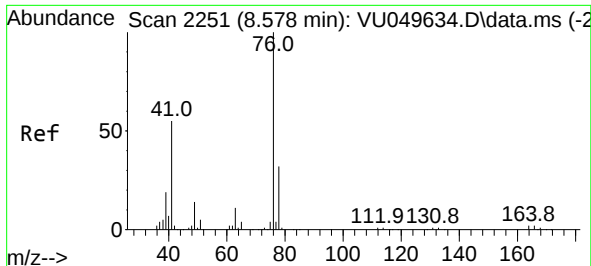
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#52
 1,1,2-Trichloroethane
 Concen: 2.581 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: VU050210.D
 Acq: 10 Aug 2022 10:12

Tgt Ion: 97 Resp: 15262
 Ion Ratio Lower Upper
 97 100
 83 85.1 70.6 106.0
 85 57.2 46.2 69.4
 99 62.2 50.0 75.0





#53

1,3-Dichloropropane

Concen: 2.417 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 76 Resp: 2565

Ion Ratio Lower Upper

76 100

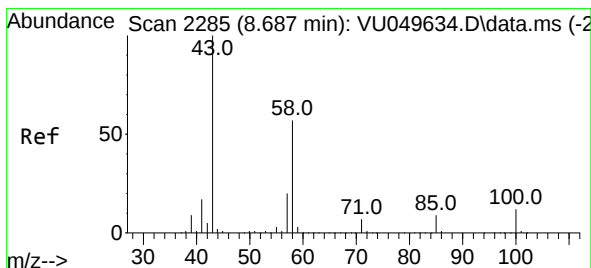
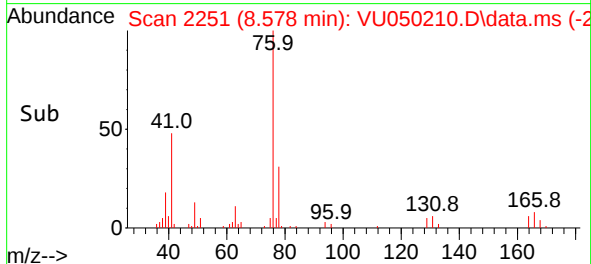
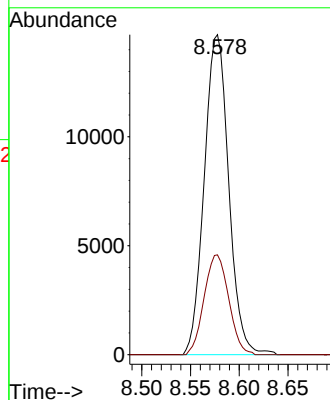
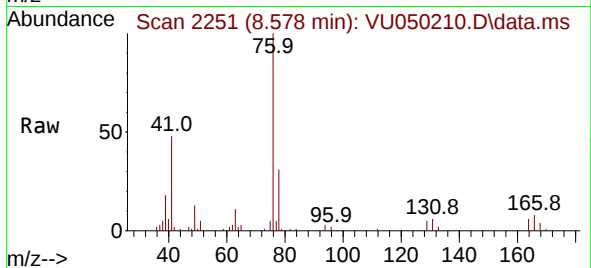
78 31.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#54

2-Hexanone

Concen: 9.559 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

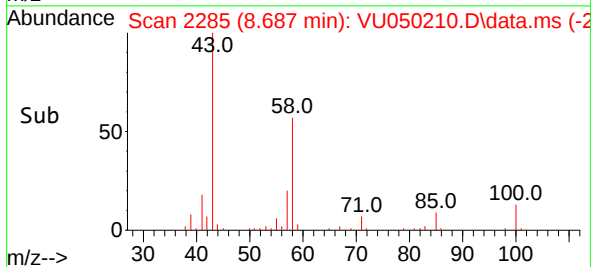
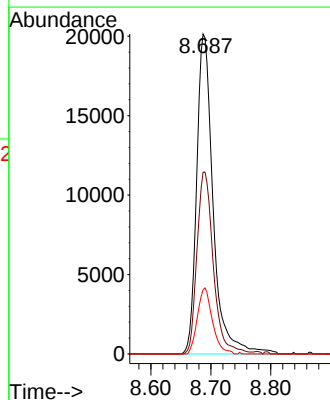
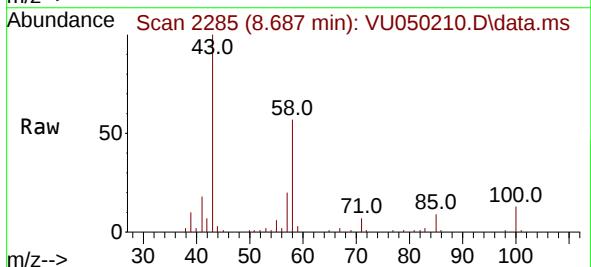
Tgt Ion: 43 Resp: 38600

Ion Ratio Lower Upper

43 100

58 56.4 37.1 77.1

57 18.7 0.0 39.5





#55

Dibromochloromethane

Concen: 2.452 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion:129 Resp: 1655

Ion Ratio Lower Upper

129 100

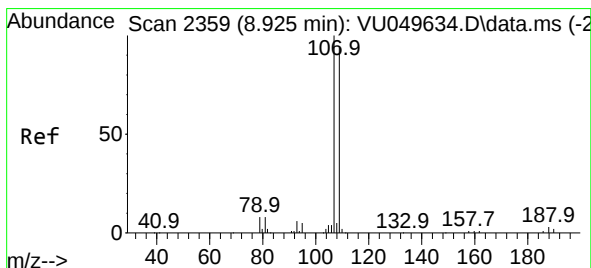
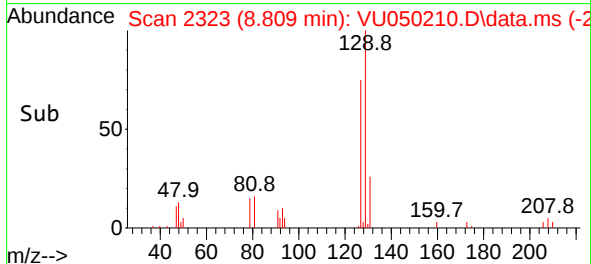
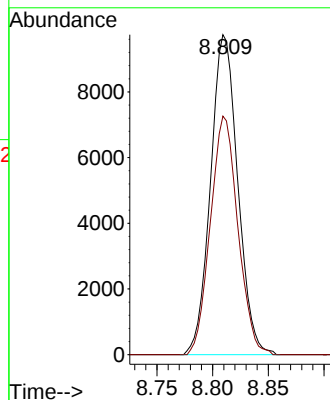
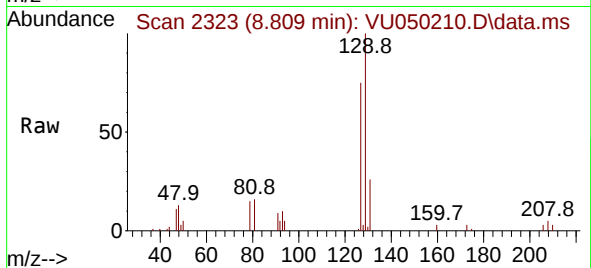
127 75.2 61.2 91.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#56

1,2-Dibromoethane

Concen: 2.388 ug/l

RT: 8.925 min Scan# 2359

Delta R.T. 0.000 min

Lab File: VU050210.D

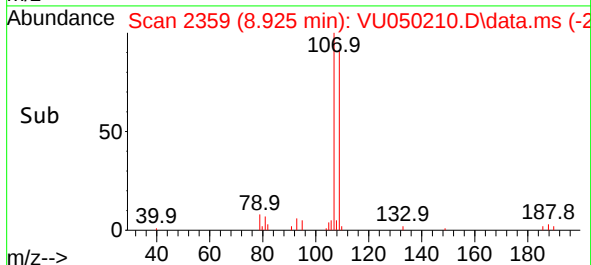
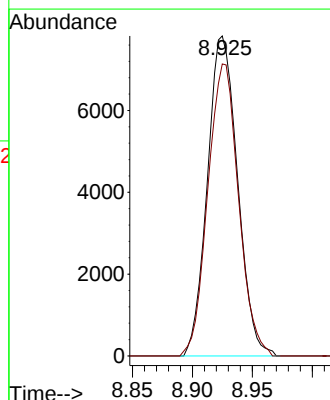
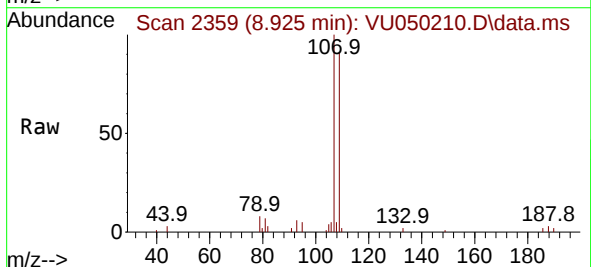
Acq: 10 Aug 2022 10:12

Tgt Ion:107 Resp: 13675

Ion Ratio Lower Upper

107 100

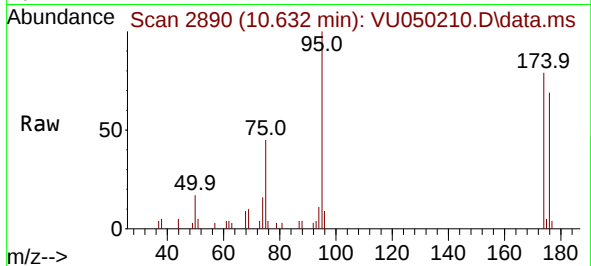
109 92.7 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 0.911 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

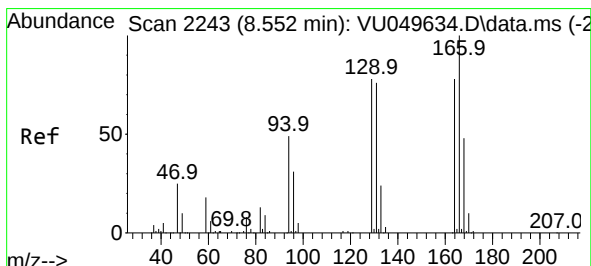
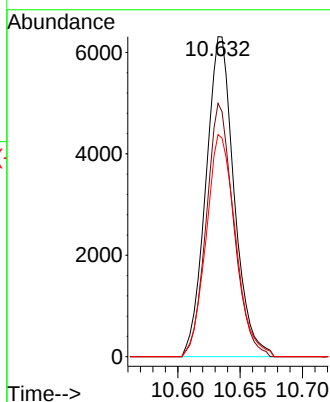
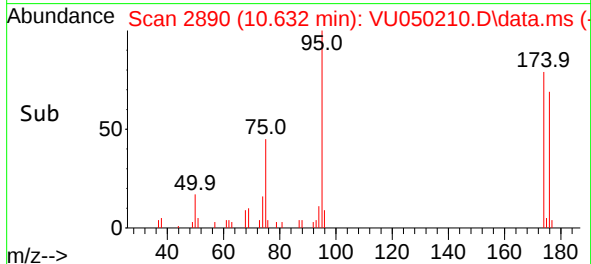
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



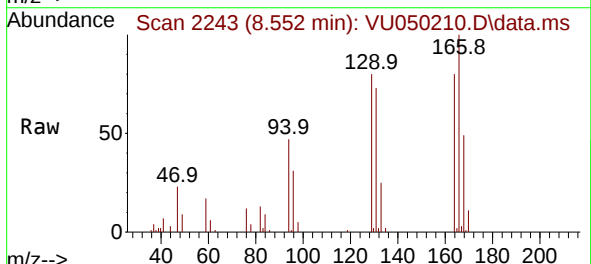
Tgt Ion: 95 Resp: 997
Ion Ratio Lower Upper
95 100
174 76.4 62.4 93.6
176 72.3 56.2 84.2

Manual Integrations
APPROVED

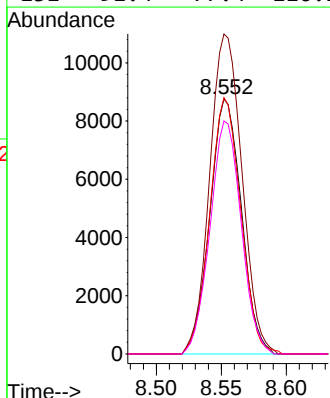
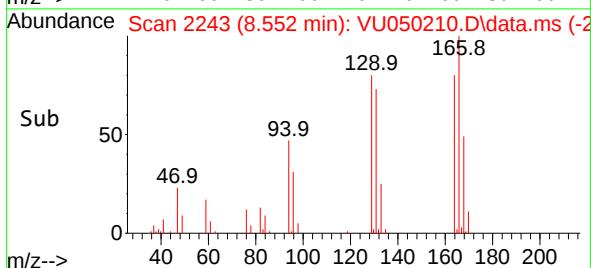
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

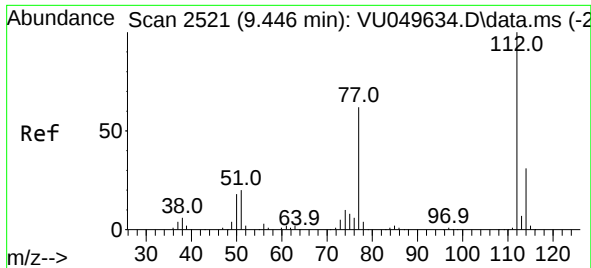


#58
Tetrachloroethene
Concen: 2.163 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12



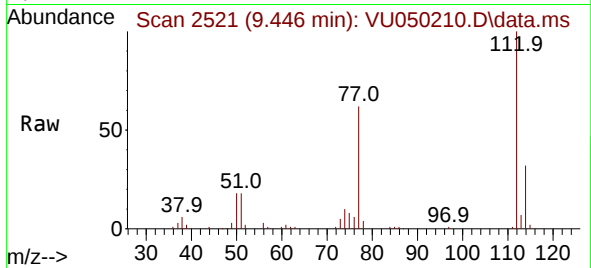
Tgt Ion:164 Resp: 14763
Ion Ratio Lower Upper
164 100
166 125.5 102.4 153.6
129 100.5 79.5 119.3
131 91.4 77.4 116.2





#59
Chlorobenzene
Concen: 2.041 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

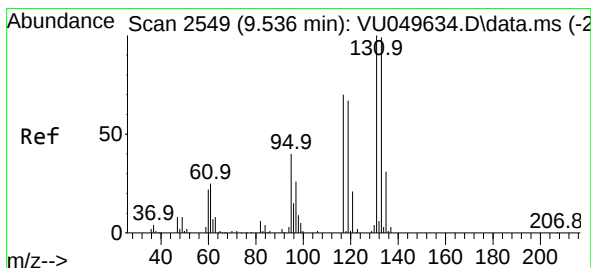
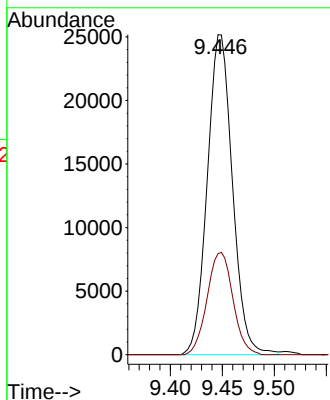
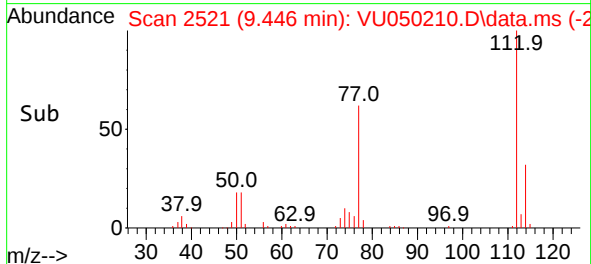
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



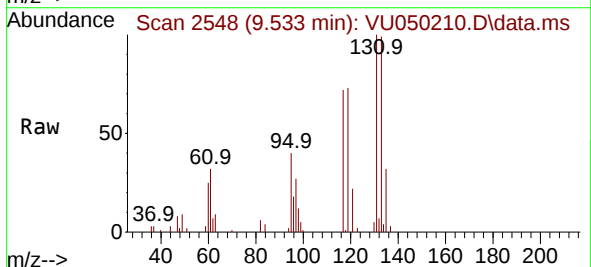
Tgt Ion:112 Resp: 42349
Ion Ratio Lower Upper
112 100
114 31.6 24.9 37.3

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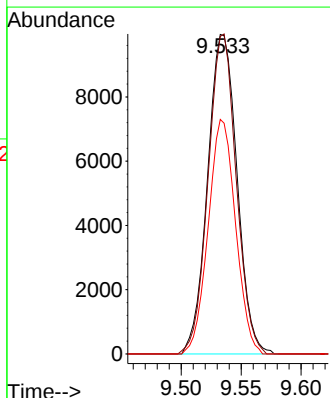
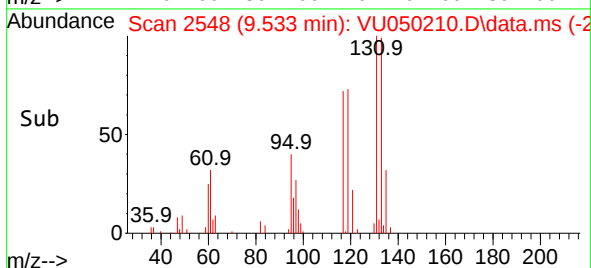
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

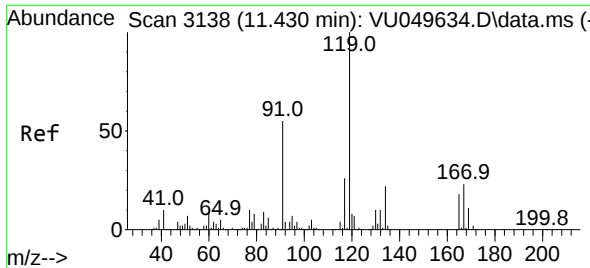


#60
1,1,1,2-Tetrachloroethane
Concen: 2.298 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.003 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12



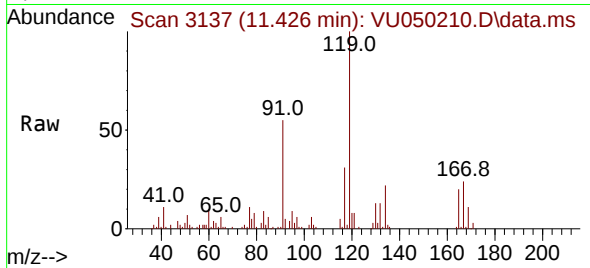
Tgt Ion:131 Resp: 16960
Ion Ratio Lower Upper
131 100
133 95.6 78.3 117.5
119 68.3 53.2 79.8





#61
 Pentachloroethane
 Concen: 2.488 ug/l
 RT: 11.426 min Scan# 3138
 Delta R.T. -0.003 min
 Lab File: VU050210.D
 Acq: 10 Aug 2022 10:12

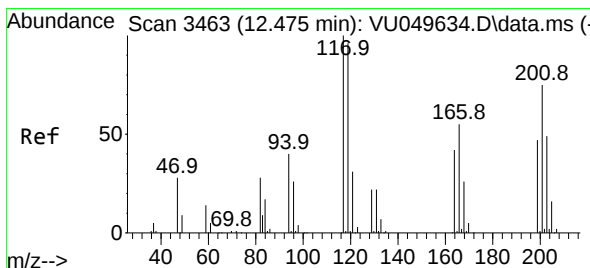
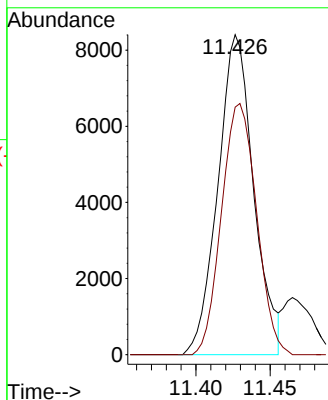
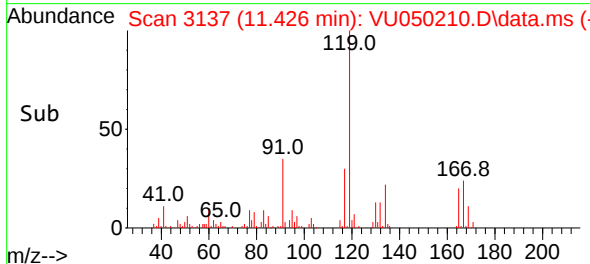
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002



Tgt Ion:117 Resp: 1409
 Ion Ratio Lower Upper
 117 100
 167 76.9 66.2 99.4

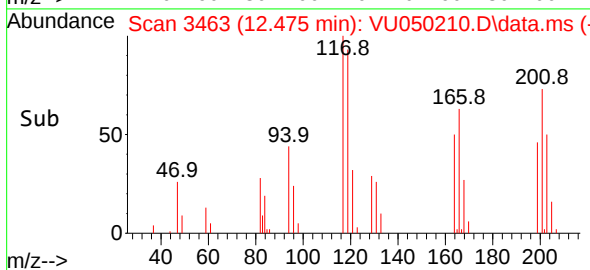
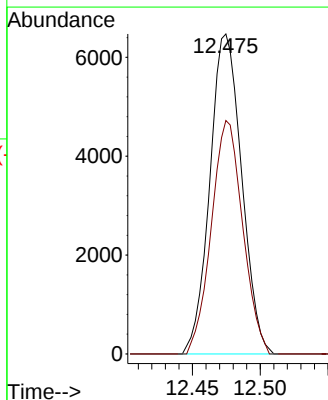
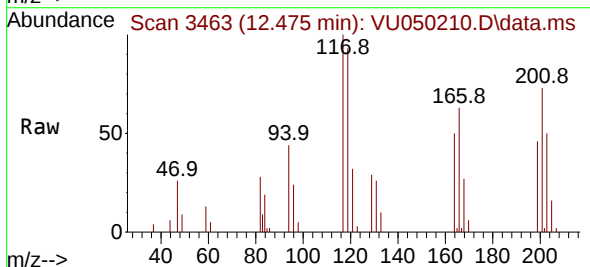
Manual Integrations
 APPROVED

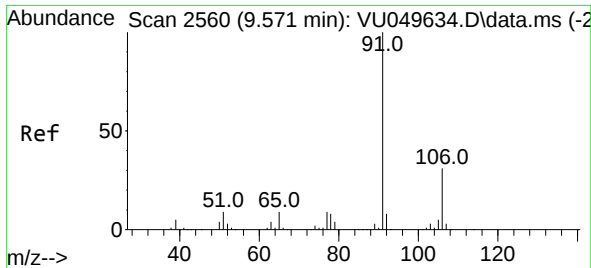
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#62
 Hexachloroethane
 Concen: 1.859 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. 0.000 min
 Lab File: VU050210.D
 Acq: 10 Aug 2022 10:12

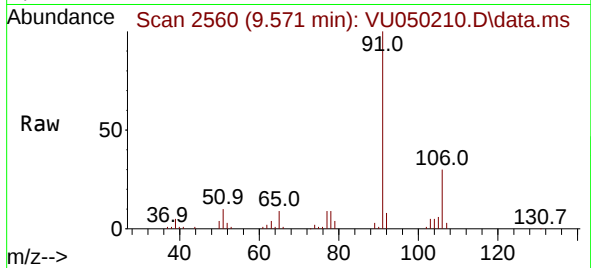
Tgt Ion:117 Resp: 10550
 Ion Ratio Lower Upper
 117 100
 201 71.9 61.0 91.4





#63
Ethyl Benzene
Concen: 1.749 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

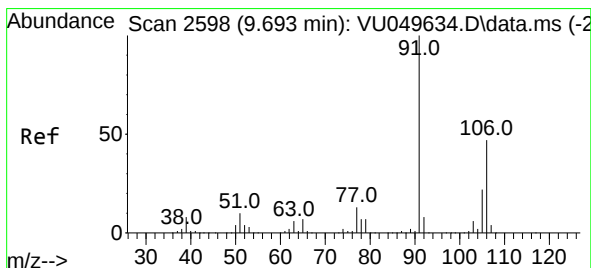
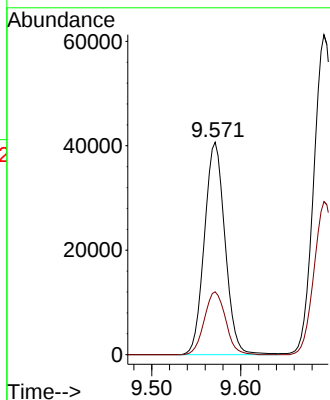
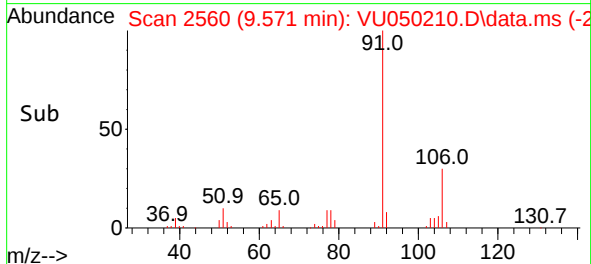
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



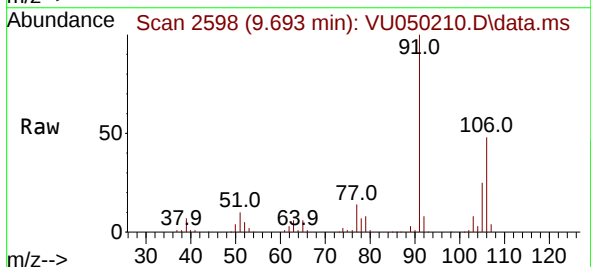
Tgt Ion: 91 Resp: 65320
Ion Ratio Lower Upper
91 100
106 29.6 24.4 36.6

Manual Integrations
APPROVED

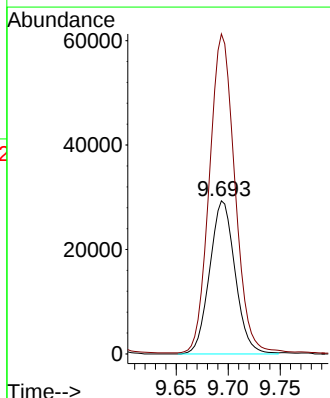
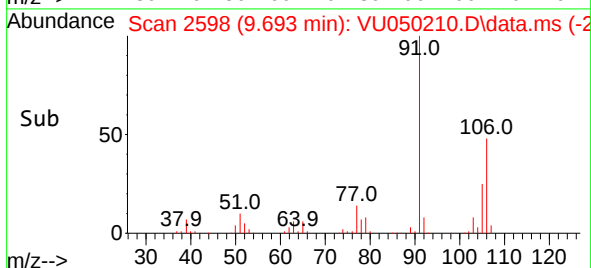
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

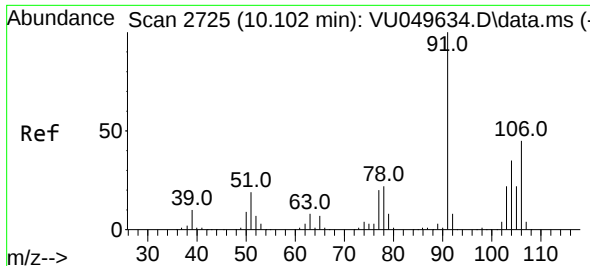


#64
m/p-Xylenes
Concen: 3.613 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12



Tgt Ion:106 Resp: 49915
Ion Ratio Lower Upper
106 100
91 208.1 167.8 251.6





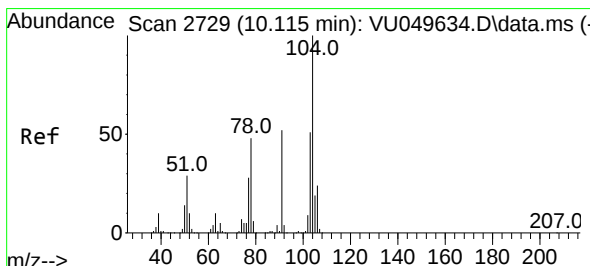
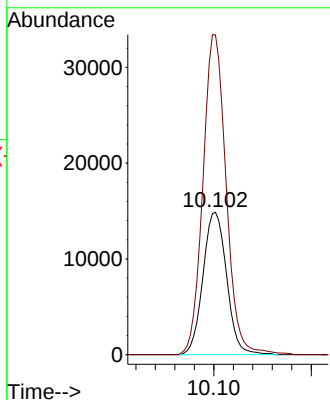
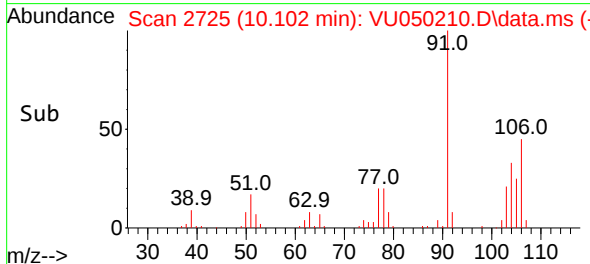
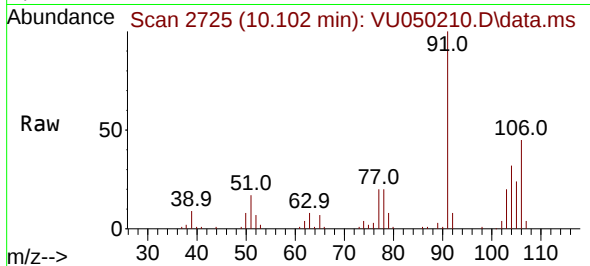
#65
o-Xylene
Concen: 1.849 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:106 Resp: 2510
Ion Ratio Lower Upper
106 100
91 220.7 111.1 333.2

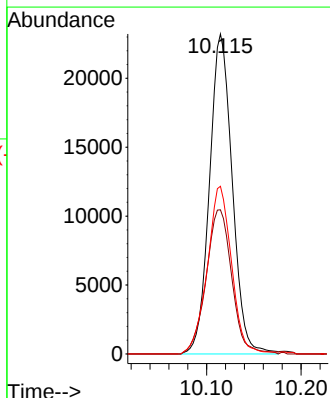
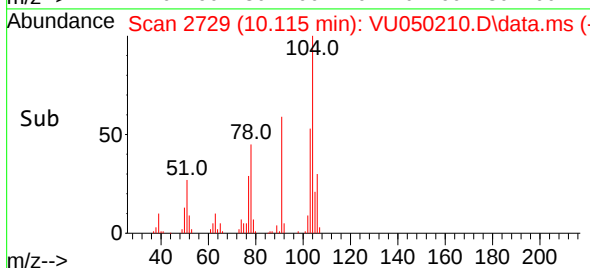
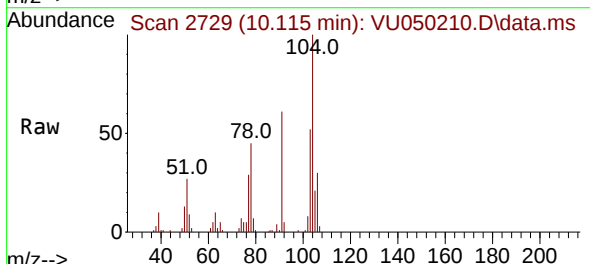
Manual Integrations
APPROVED

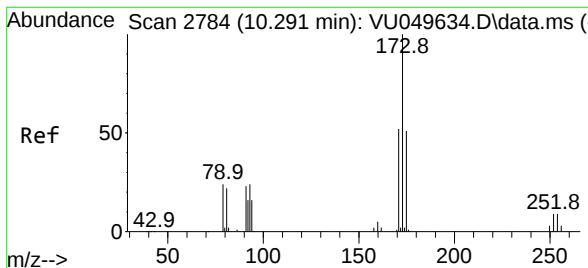
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#66
Styrene
Concen: 1.784 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

Tgt Ion:104 Resp: 38914
Ion Ratio Lower Upper
104 100
78 50.6 42.1 63.1
103 55.7 44.5 66.7





#67

Bromoform

Concen: 2.417 ug/l

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

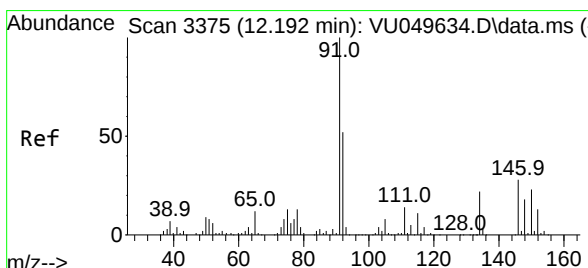
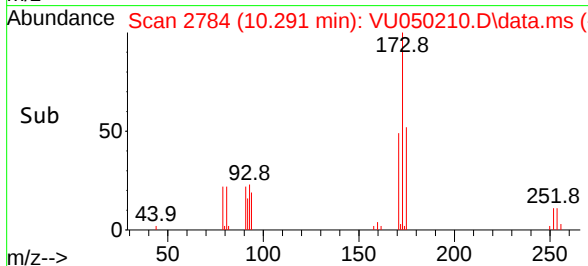
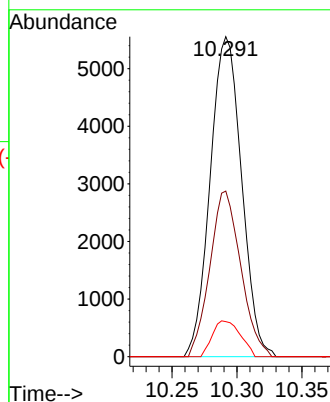
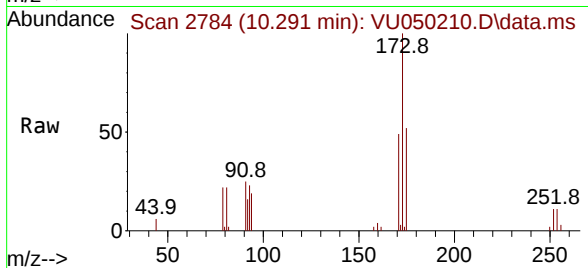
Tgt Ion:	173	Resp:	9310
Ion Ratio	Lower	Upper	
173	100		
175	50.9	38.4	57.6
254	10.0	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#68

1,2-Dichlorobenzene-d4

Concen: 1.008 ug/l

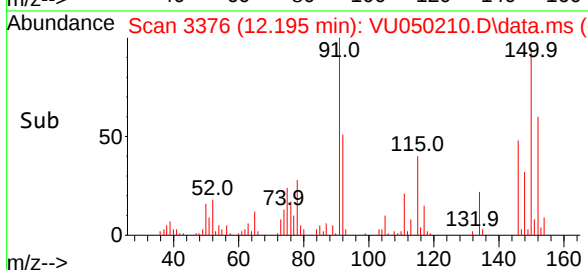
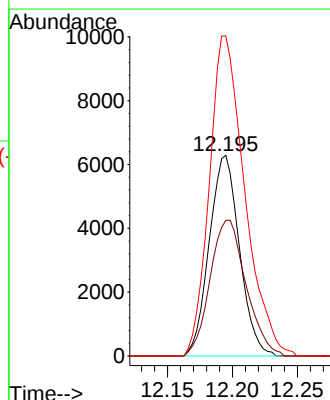
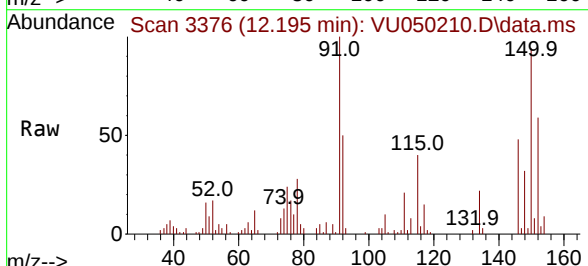
RT: 12.195 min Scan# 3376

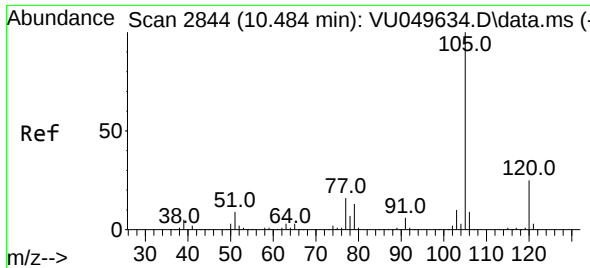
Delta R.T. 0.003 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

Tgt Ion:	152	Resp:	10152
Ion Ratio	Lower	Upper	
152	100		
115	80.4	0.0	254.6
150	186.9	0.0	623.6





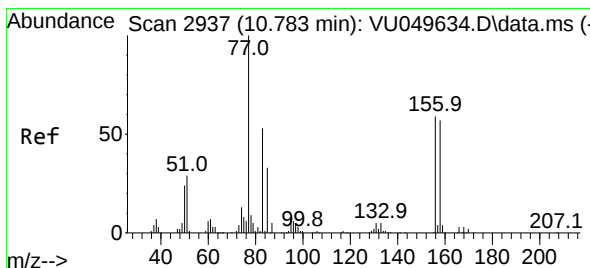
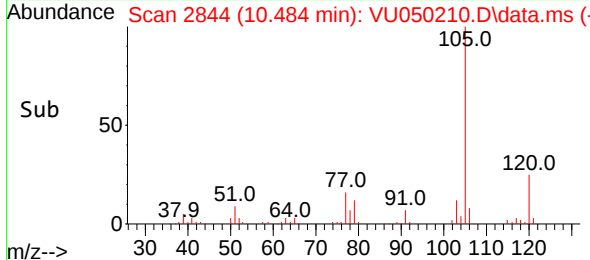
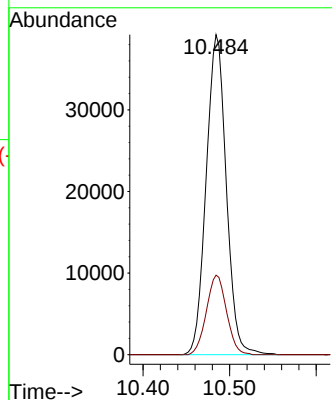
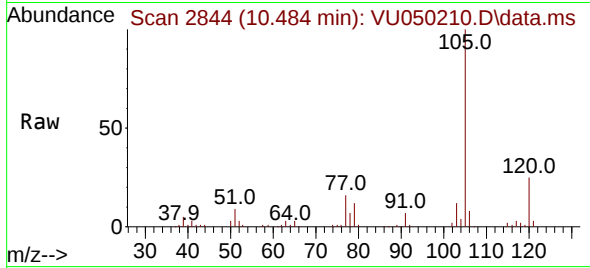
#69
Isopropylbenzene
Concen: 1.742 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:105 Resp: 6318
Ion Ratio Lower Upper
105 100
120 24.8 12.6 37.8

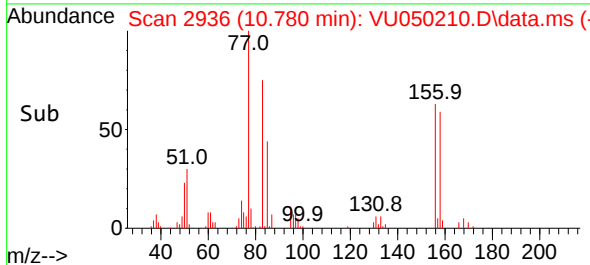
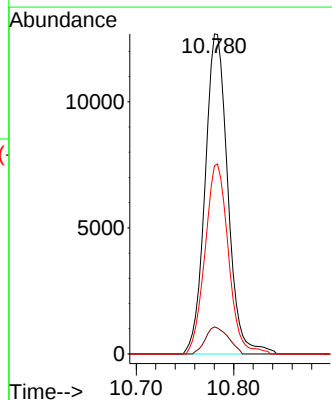
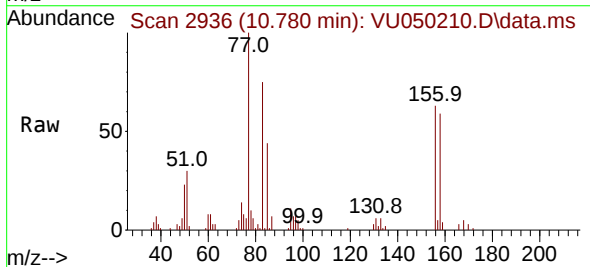
Manual Integrations
APPROVED

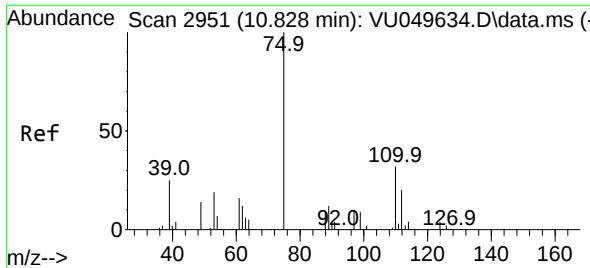
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 2.676 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.003 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

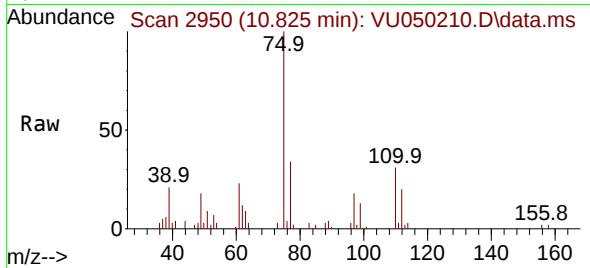
Tgt Ion: 83 Resp: 20551
Ion Ratio Lower Upper
83 100
131 8.5 7.7 11.5
85 61.0 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 2.141 ug/l m
RT: 10.825 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

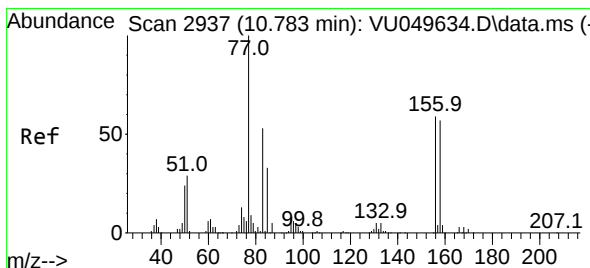
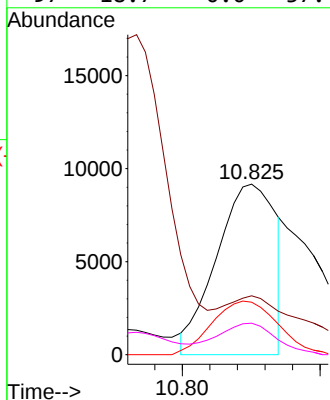
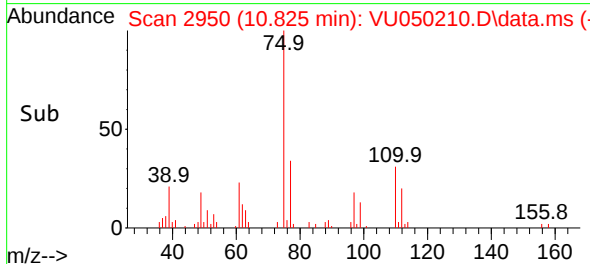
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



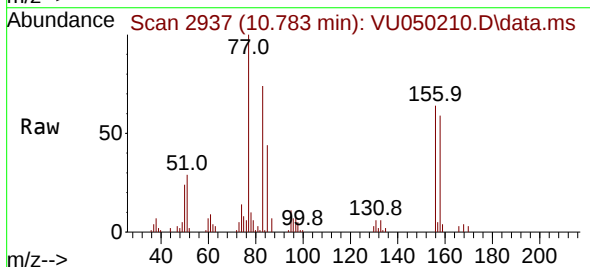
Tgt Ion: 75 Resp: 13618
Ion Ratio Lower Upper
75 100
77 0.0 0.0 112.4
110 35.1 0.0 70.6
97 18.7 0.0 37.4

Manual Integrations
APPROVED

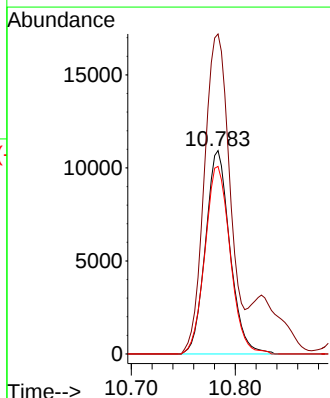
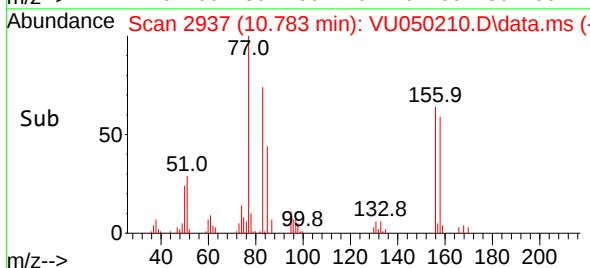
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

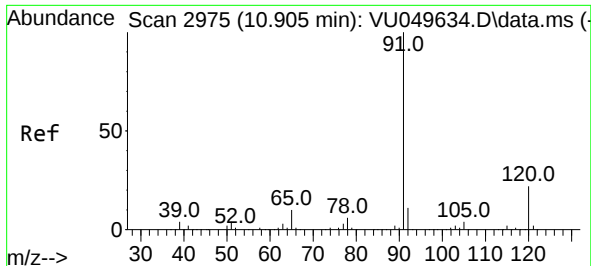


#72
Bromobenzene
Concen: 2.189 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12



Tgt Ion:156 Resp: 17886
Ion Ratio Lower Upper
156 100
77 163.3 0.0 344.4
158 95.1 0.0 192.2





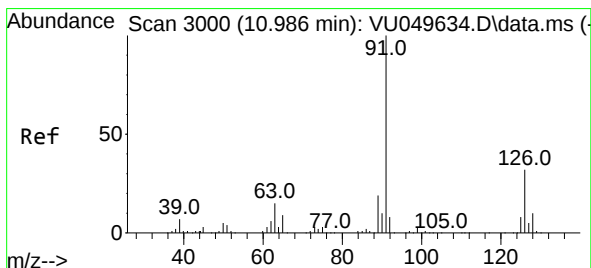
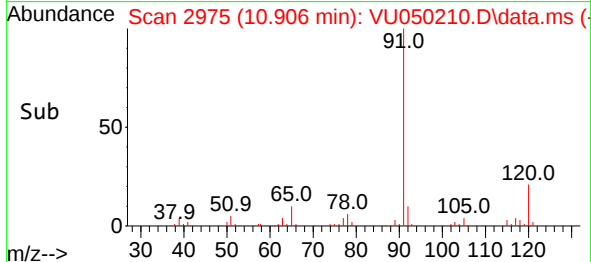
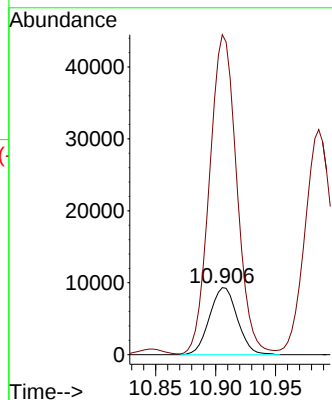
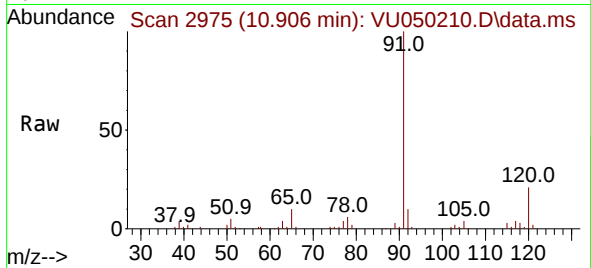
#73
n-propylbenzene
Concen: 1.637 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:120 Resp: 1498
Ion Ratio Lower Upper
120 100
91 467.0 367.8 551.6

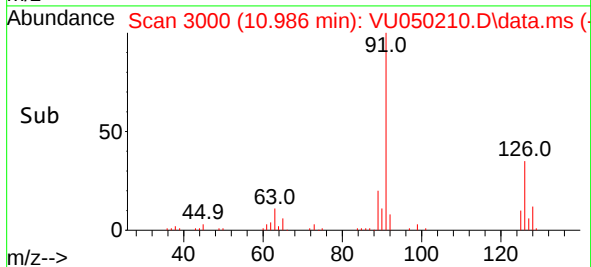
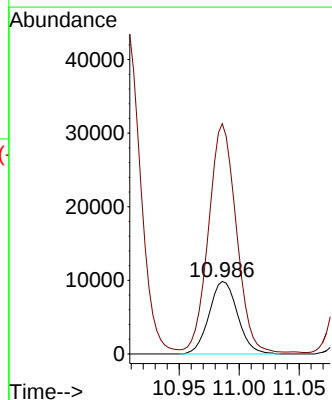
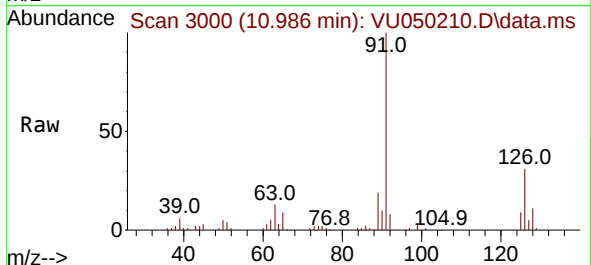
Manual Integrations
APPROVED

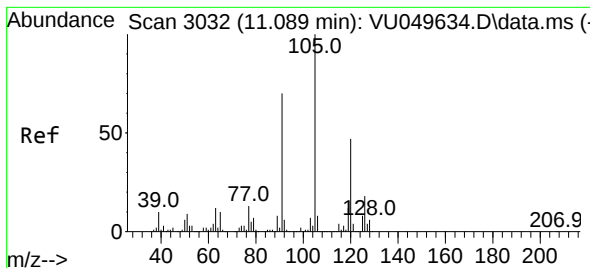
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#74
2-Chlorotoluene
Concen: 1.990 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

Tgt Ion:126 Resp: 16241
Ion Ratio Lower Upper
126 100
91 306.3 0.0 620.6





#75

1,3,5-Trimethylbenzene

Concen: 1.765 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion:105 Resp: 5351

Ion Ratio Lower Upper

105 100

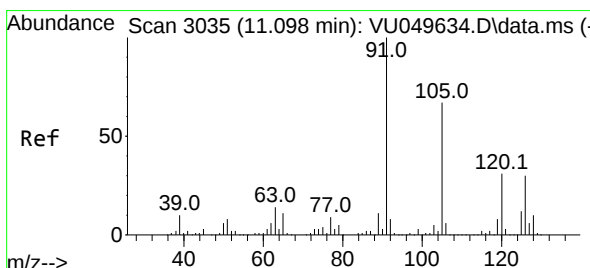
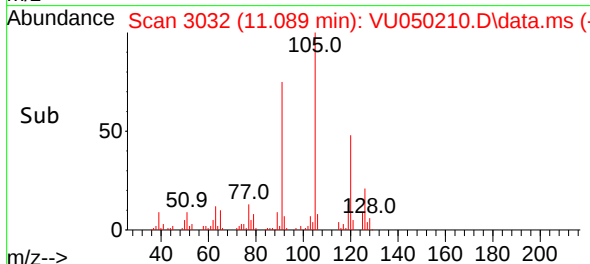
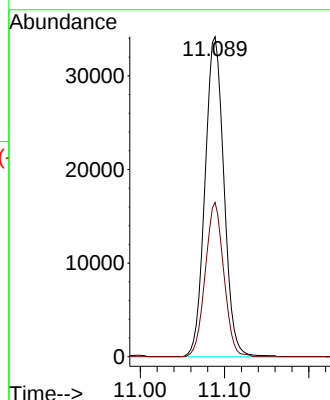
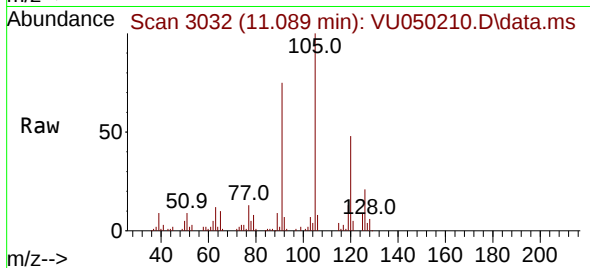
120 47.2 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#76

4-Chlorotoluene

Concen: 2.024 ug/l

RT: 11.098 min Scan# 3035

Delta R.T. 0.000 min

Lab File: VU050210.D

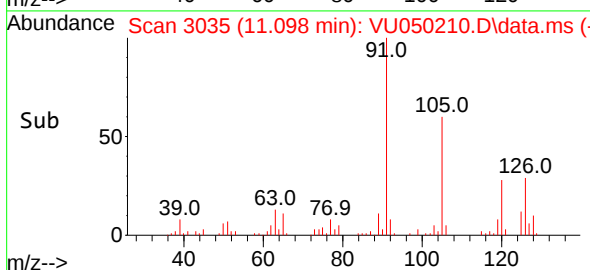
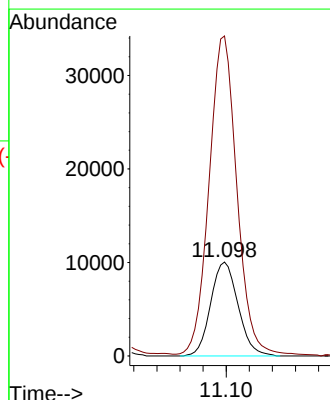
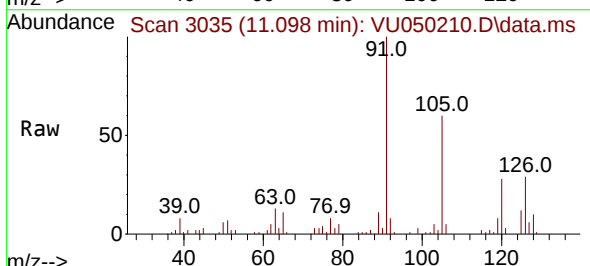
Acq: 10 Aug 2022 10:12

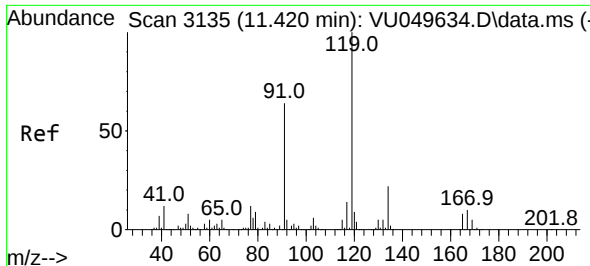
Tgt Ion:126 Resp: 16563

Ion Ratio Lower Upper

126 100

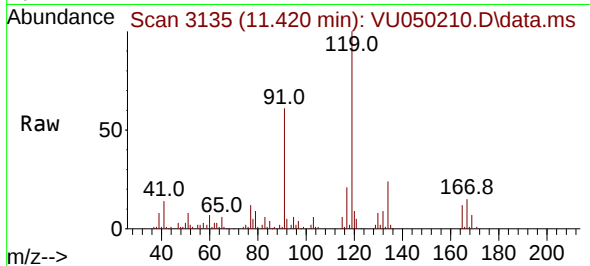
91 348.3 0.0 738.8





#77
tert-Butylbenzene
Concen: 1.775 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

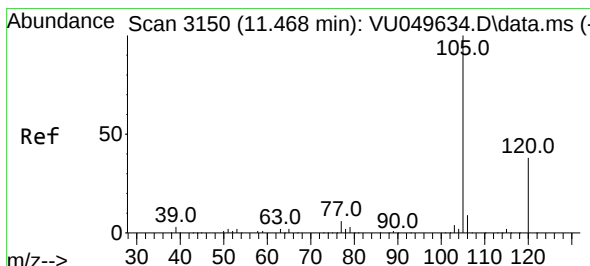
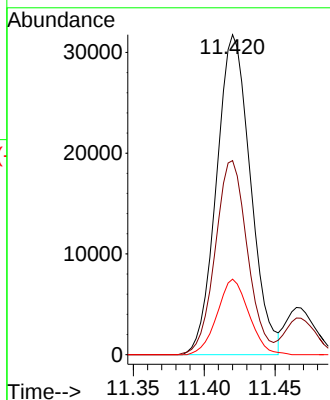
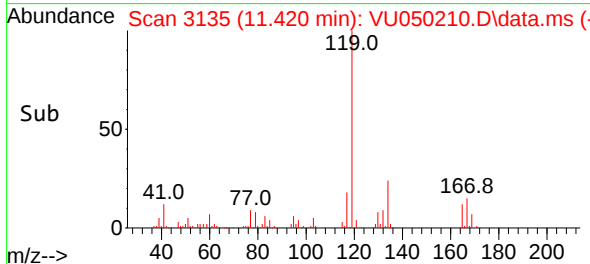
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



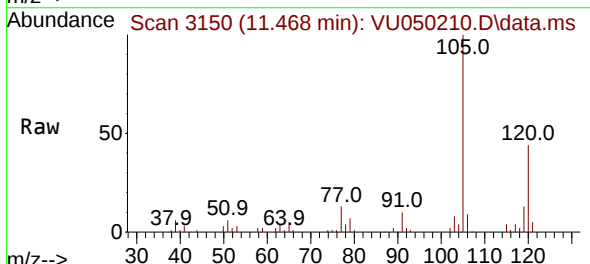
Tgt Ion:119 Resp: 52992
Ion Ratio Lower Upper
119 100
91 57.5 30.4 91.3
134 22.1 17.8 26.6

Manual Integrations
APPROVED

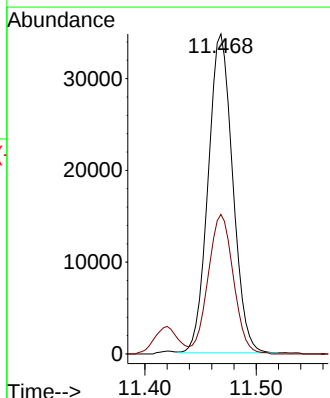
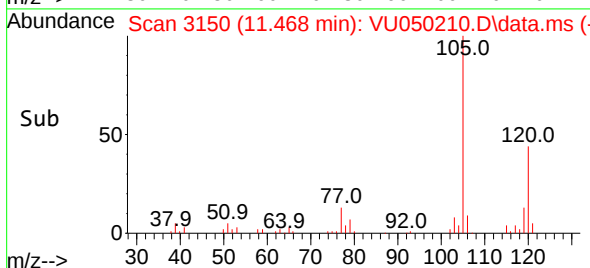
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

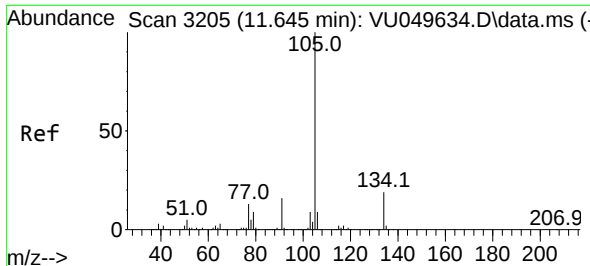


#78
1,2,4-Trimethylbenzene
Concen: 1.750 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12



Tgt Ion:105 Resp: 53247
Ion Ratio Lower Upper
105 100
120 45.0 21.6 65.0





#79

sec-Butylbenzene

Concen: 1.616 ug/l

RT: 11.642 min Scan# 3205

Delta R.T. -0.003 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion:105 Resp: 6326

Ion Ratio Lower Upper

105 100

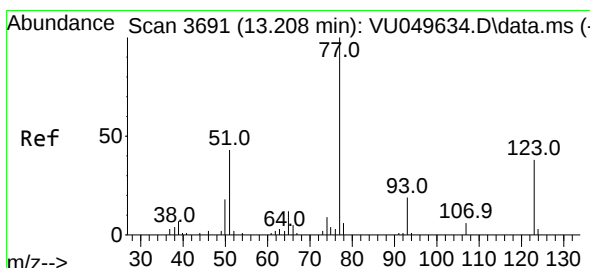
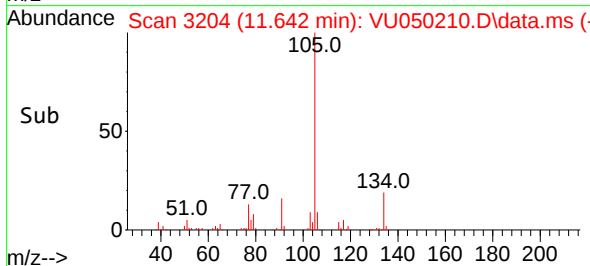
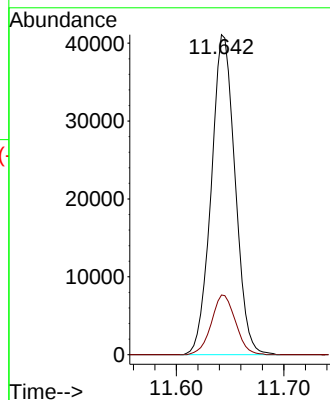
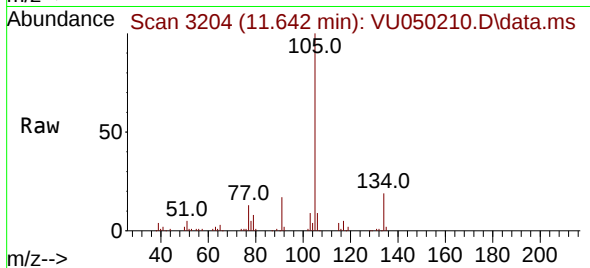
134 18.9 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#80

Nitrobenzene

Concen: 12.316 ug/l

RT: 13.208 min Scan# 3691

Delta R.T. 0.000 min

Lab File: VU050210.D

Acq: 10 Aug 2022 10:12

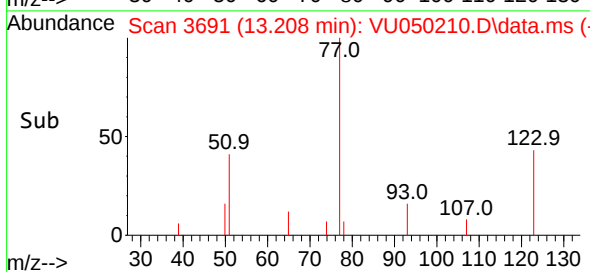
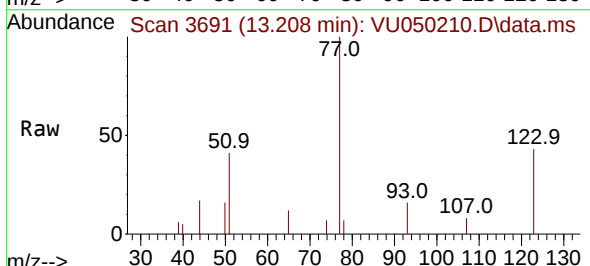
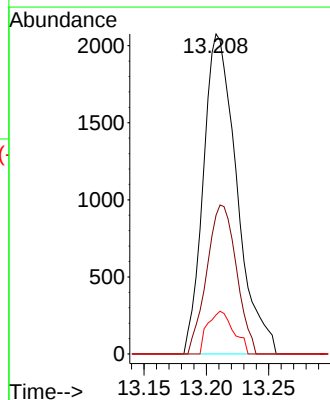
Tgt Ion: 77 Resp: 3870

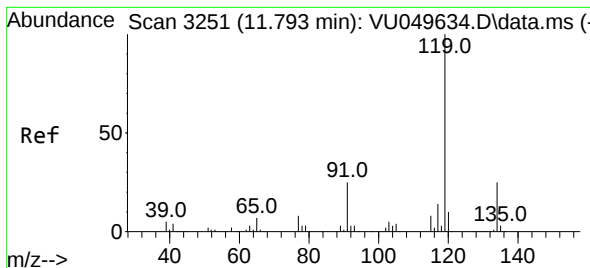
Ion Ratio Lower Upper

77 100

123 41.3 18.1 64.3

65 10.4 10.8 13.8#





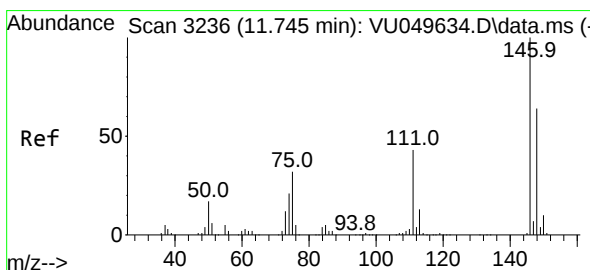
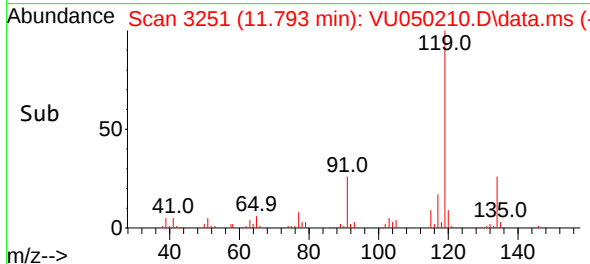
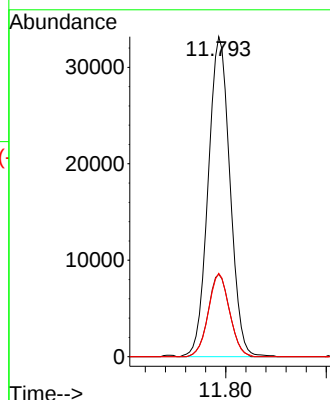
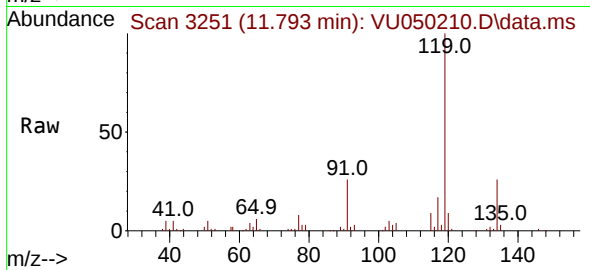
#81
p-Isopropyltoluene
Concen: 1.570 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 4986
Ion Ratio Lower Upper
119 100
134 25.4 20.5 30.7
91 25.2 19.8 29.6

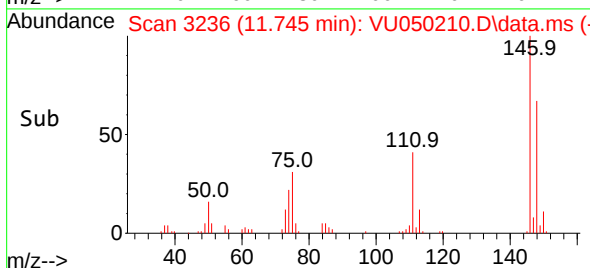
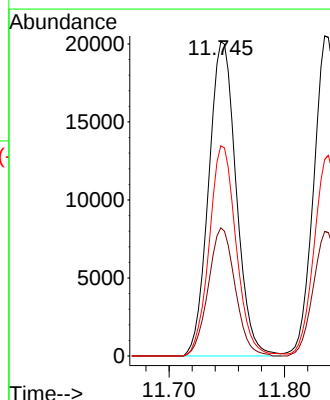
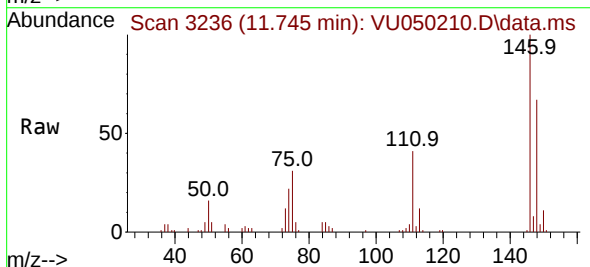
Manual Integrations
APPROVED

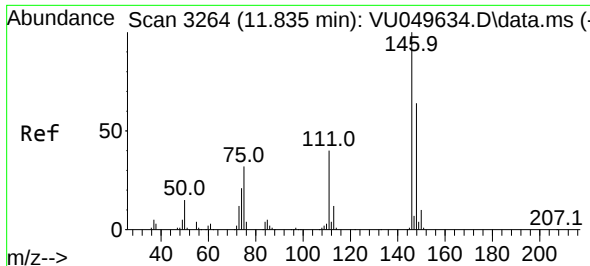
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#82
1,3-Dichlorobenzene
Concen: 2.111 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

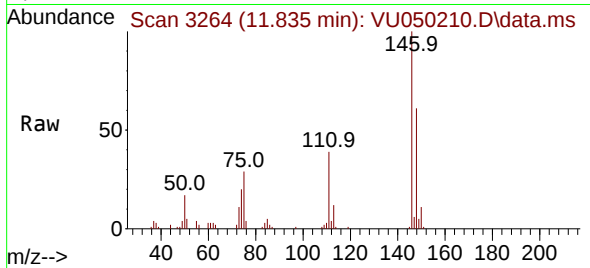
Tgt Ion:146 Resp: 33372
Ion Ratio Lower Upper
146 100
111 39.7 33.4 50.2
148 65.5 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 2.075 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

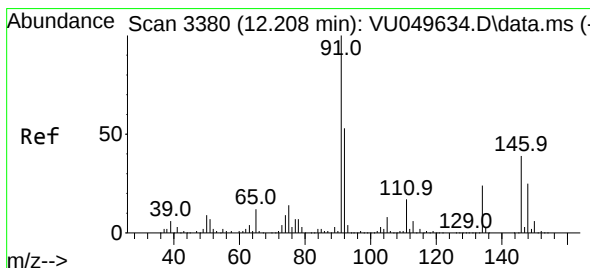
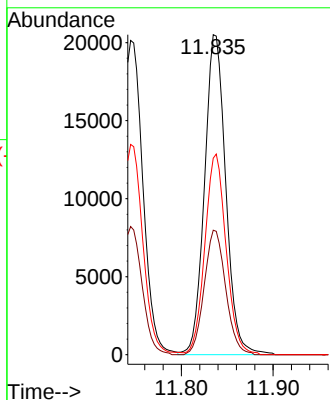
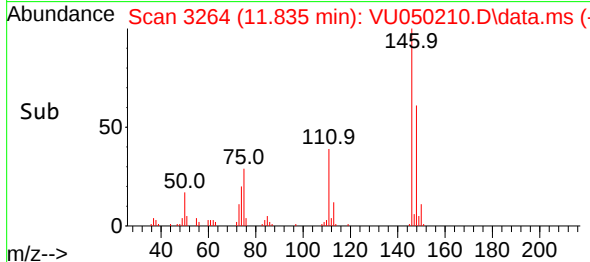
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



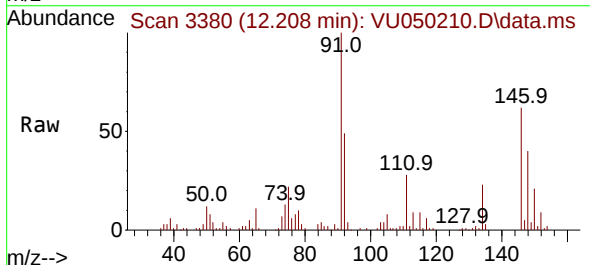
Tgt Ion:146 Resp: 33094
Ion Ratio Lower Upper
146 100
111 39.2 32.6 49.0
148 62.8 51.6 77.4

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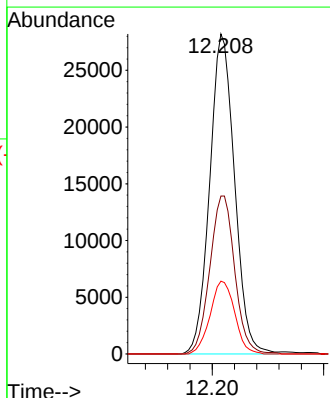
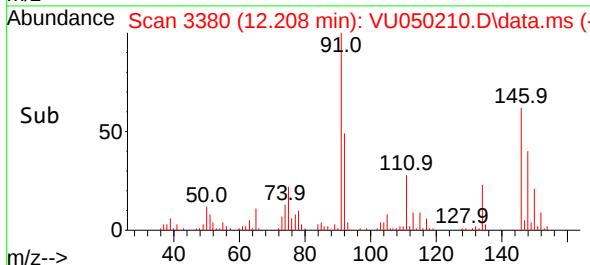
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

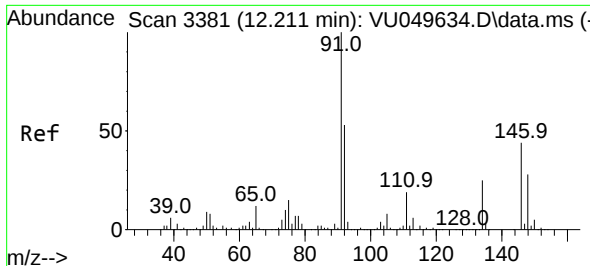


#84
n-Butylbenzene
Concen: 1.477 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12



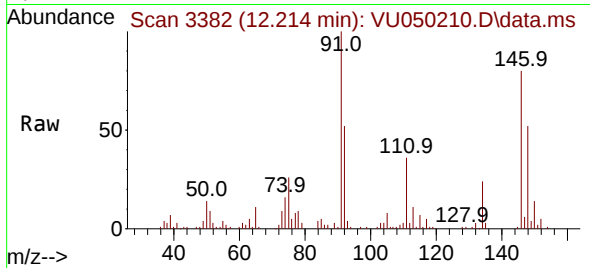
Tgt Ion: 91 Resp: 43679
Ion Ratio Lower Upper
91 100
92 49.4 42.3 63.5
134 22.5 19.6 29.4





#85
1,2-Dichlorobenzene
Concen: 2.100 ug/l
RT: 12.214 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

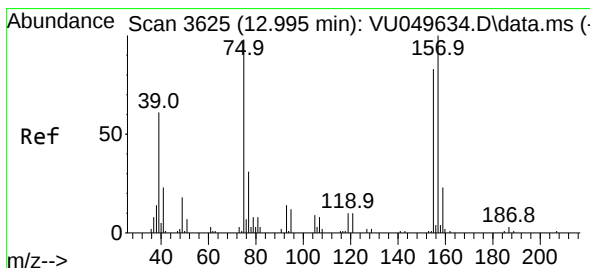
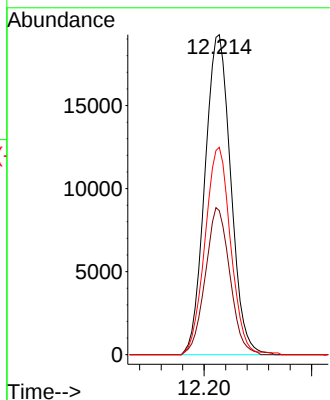
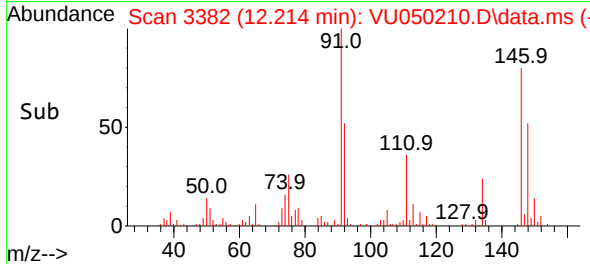
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion:146 Resp: 32150
Ion Ratio Lower Upper
146 100
111 43.6 22.1 66.1
148 64.7 32.1 96.3

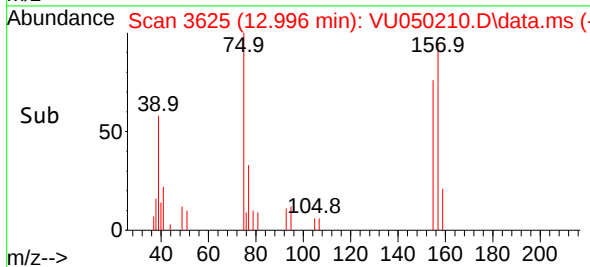
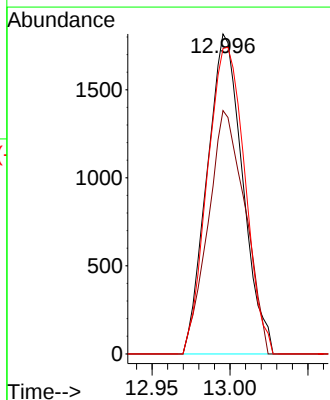
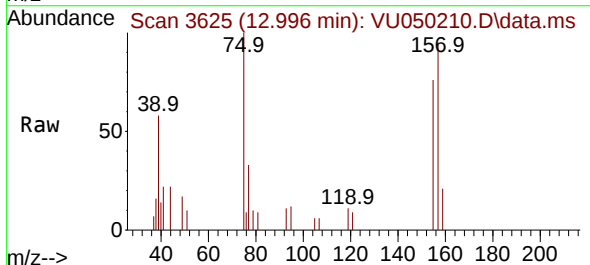
Manual Integrations
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Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 2.151 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

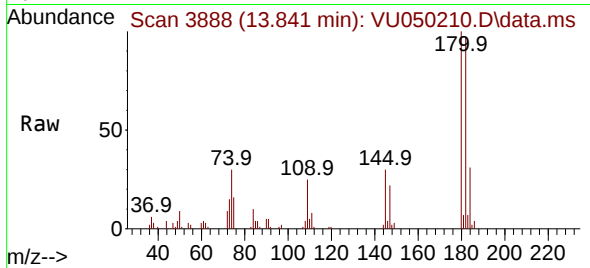
Tgt Ion: 75 Resp: 2882
Ion Ratio Lower Upper
75 100
155 79.0 66.8 100.2
157 101.2 83.8 125.8





#87
1,2,4-Trichlorobenzene
Concen: 1.662 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

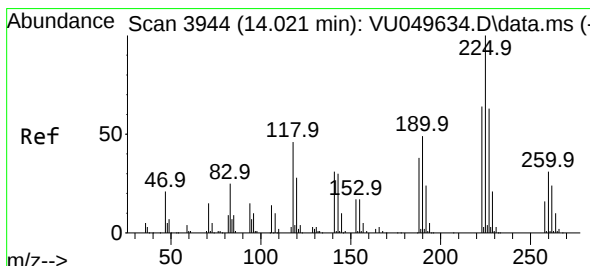
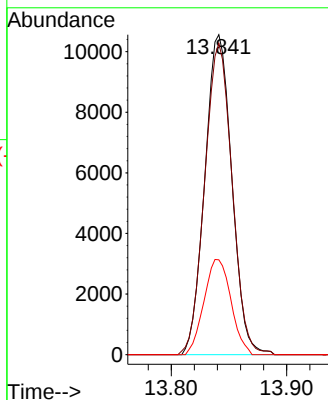
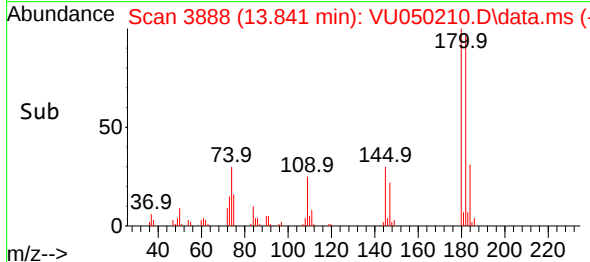
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



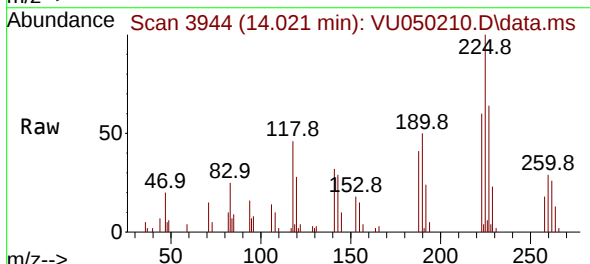
Tgt Ion:180 Resp: 1717
Ion Ratio Lower Upper
180 100
182 98.3 77.0 115.6
145 29.7 25.7 38.5

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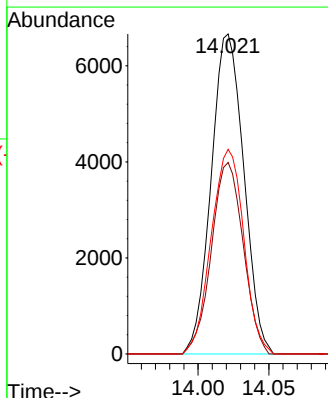
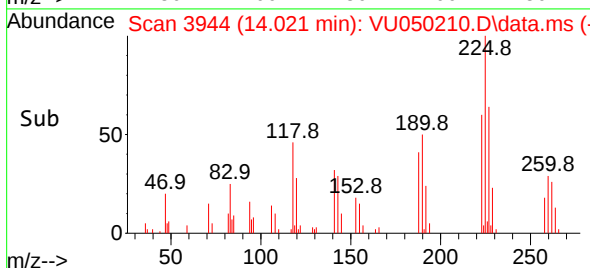
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

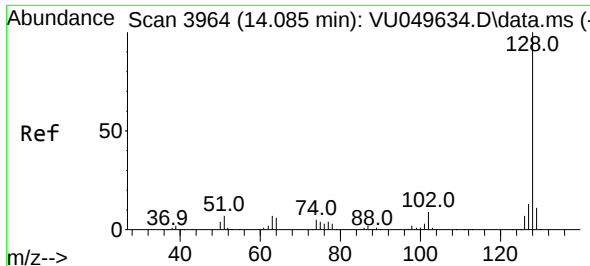


#88
Hexachlorobutadiene
Concen: 2.028 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12



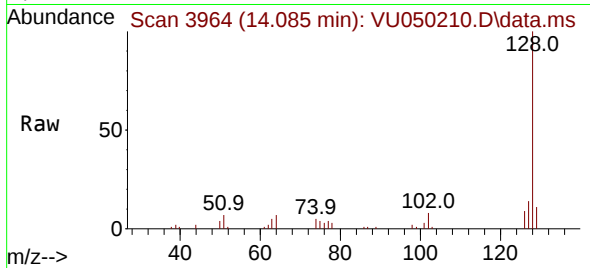
Tgt Ion:225 Resp: 10678
Ion Ratio Lower Upper
225 100
223 58.3 50.6 76.0
227 63.8 50.7 76.1





#89
Naphthalene
Concen: 1.498 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12

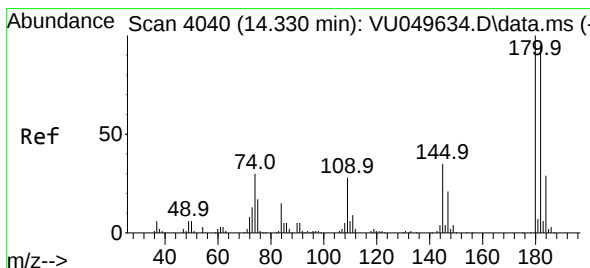
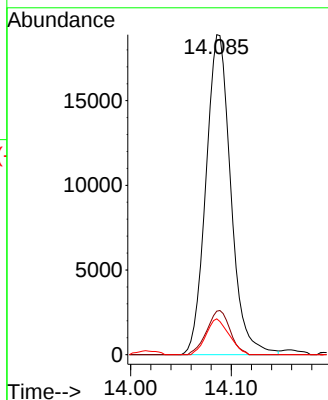
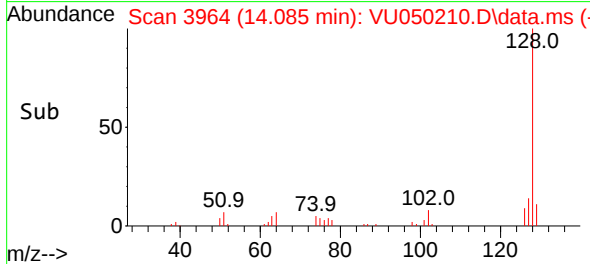
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



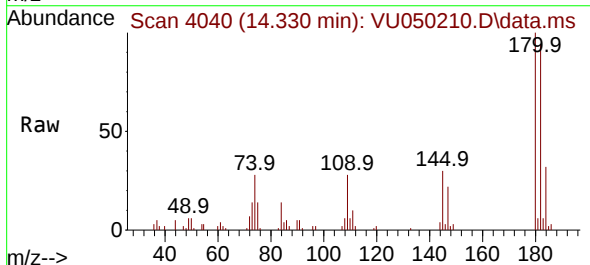
Tgt Ion:128 Resp: 32450
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.3 8.6 12.8

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 1.806 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050210.D
Acq: 10 Aug 2022 10:12



Tgt Ion:180 Resp: 17816
Ion Ratio Lower Upper
180 100
182 95.4 76.6 114.8
145 29.7 27.3 40.9

