

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081022\
 Data File : VU050223.D
 Acq On : 10 Aug 2022 17:10
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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

Quant Time: Aug 10 18:15:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081022DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Aug 10 15:54:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	30401	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	10828	1.038	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	10754	1.020	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	100303	9.159	ug/l	99
3) Chloromethane	1.517	50	124163	9.041	ug/l	100
4) Vinyl Chloride	1.601	62	113152	9.281	ug/l	98
5) Bromomethane	1.855	94	39020	10.629	ug/l	98
6) Chloroethane	1.932	64	68502	9.293	ug/l	98
7) Trichlorofluoromethane	2.134	101	124064	9.275	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.575	101	66237	9.321	ug/l	98
9) 1,1-Dichloroethene	2.575	96	72875	9.041	ug/l	94
10) Iodomethane	2.720	142	65030	9.673	ug/l	93
11) Allyl Chloride	2.922	41	104756	9.374	ug/l	98
12) Acrylonitrile	3.327	53	43338	20.271	ug/l	98
13) Acetone	2.655	43	76342	47.787	ug/l	89
14) Carbon Disulfide	2.787	76	260697	8.537	ug/l	99
15) Methylene Chloride	3.044	84	103127	8.541	ug/l	90
16) trans-1,2-Dichloroethene	3.350	96	85959	9.633	ug/l	92
17) 1,1-Dichloroethane	3.867	63	160875	9.550	ug/l	99
18) 2-Butanone	4.719	43	129945	50.243	ug/l	99
19) Cyclohexane	5.388	56	95992	8.523	ug/l	# 83
20) Methylcyclohexane	6.764	83	112135	10.136	ug/l	98
21) 2,2-Dichloropropane	4.665	77	122454	9.653	ug/l	98
22) cis-1,2-Dichloroethene	4.668	96	98782	9.818	ug/l	96
23) Diethyl Ether	2.376	59	68978	9.592	ug/l	98
24) tert-Butyl Alcohol	3.244	59	73976m	136.107	ug/l	
25) Methyl tert-Butyl Ether	3.366	73	206482	9.979	ug/l	97
26) Bromochloromethane	4.973	128	45905	9.884	ug/l	94
27) Chloroform	5.089	83	168069	9.681	ug/l	97
28) 1,1,1-Trichloroethane	5.317	97	130676	9.564	ug/l	100
29) 1,1-Dichloropropene	5.527	75	111963	9.874	ug/l	99
30) Carbon Tetrachloride	5.523	117	106007	9.443	ug/l	99
31) Isopropyl Ether	3.996	45	234587	10.281	ug/l	94
32) Ethyl-t-butyl ether	4.504	59	217277	9.957	ug/l	96
33) Tert-Amyl methyl ether	5.941	73	197677	10.261	ug/l	98
34) Propionitrile	4.800	54	45778	50.070	ug/l	# 1
35) Benzene	5.774	78	371504	9.886	ug/l	98
36) 1,2-Dichloroethane	5.797	62	105259	9.699	ug/l	99
37) Trichloroethene	6.543	130	83979	9.416	ug/l	97
38) 1,2-Dichloropropane	6.793	63	102558	9.967	ug/l	97
39) Methacrylonitrile	4.980	41	30457	10.641	ug/l	92
40) Methyl acrylate	4.848	55	58803	10.583	ug/l	97
41) Tetrahydrofuran	5.070	42	32587	19.090	ug/l	94
42) 1-Chlorobutane	5.459	56	158388	10.012	ug/l	95
43) Dibromomethane	6.919	93	51917	9.742	ug/l	98
44) Bromodichloromethane	7.105	83	124425	9.945	ug/l	99

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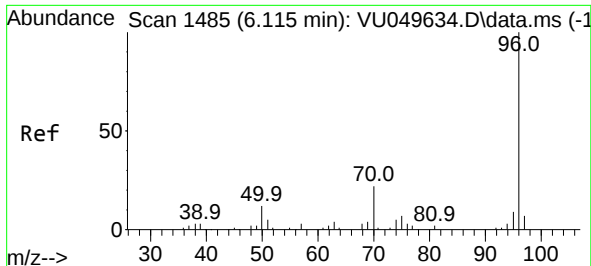
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	303540	51.337	ug/l	97
46) t-1,4-Dichloro-2-butene	10.832	75	47513m	20.320	ug/l	
47) Methyl methacrylate	6.964	69	99062	21.407	ug/l	92
48) Ethyl methacrylate	8.337	69	90105	10.618	ug/l	91
49) Toluene	7.970	92	222468	10.473	ug/l	99
50) t-1,3-Dichloropropene	8.211	75	110741	10.109	ug/l	98
51) cis-1,3-Dichloropropene	7.610	75	128759	9.938	ug/l	93
52) 1,1,2-Trichloroethane	8.401	97	74361	9.782	ug/l	98
53) 1,3-Dichloropropane	8.578	76	127482	9.943	ug/l	99
54) 2-Hexanone	8.687	43	211223	50.634	ug/l	97
55) Dibromochloromethane	8.813	129	83261	9.855	ug/l	99
56) 1,2-Dibromoethane	8.925	107	70036	10.036	ug/l	99
58) Tetrachloroethene	8.555	164	72150	9.548	ug/l	98
59) Chlorobenzene	9.449	112	225996	10.022	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.536	131	86337	9.772	ug/l	97
61) Pentachloroethane	11.430	117	70452	9.827	ug/l	96
62) Hexachloroethane	12.478	117	55607	9.825	ug/l	97
63) Ethyl Benzene	9.571	91	391778	10.701	ug/l	99
64) m/p-Xylenes	9.694	106	312524	22.471	ug/l	98
65) o-Xylene	10.102	106	149402	10.998	ug/l	97
66) Styrene	10.115	104	254444	11.733	ug/l	98
67) Bromoform	10.292	173	47366	9.699	ug/l	100
69) Isopropylbenzene	10.485	105	363229	10.706	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.784	83	99177	9.699	ug/l	100
71) 1,2,3-Trichloropropane	10.825	75	81844m	10.901	ug/l	
72) Bromobenzene	10.784	156	94625	10.231	ug/l	99
73) n-propylbenzene	10.909	120	94915	11.266	ug/l	99
74) 2-Chlorotoluene	10.986	126	92596	10.706	ug/l	98
75) 1,3,5-Trimethylbenzene	11.089	105	326101	11.272	ug/l	99
76) 4-Chlorotoluene	11.099	126	96728	11.301	ug/l	87
77) tert-Butylbenzene	11.423	119	299420	10.435	ug/l	98
78) 1,2,4-Trimethylbenzene	11.468	105	330855	11.217	ug/l	99
79) sec-Butylbenzene	11.645	105	370323	10.624	ug/l	99
80) Nitrobenzene	13.208	77	19691	49.146	ug/l	99
81) p-Isopropyltoluene	11.796	119	302352	10.943	ug/l	99
82) 1,3-Dichlorobenzene	11.748	146	176890	10.086	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	175710	10.313	ug/l	97
84) n-Butylbenzene	12.211	91	247640	10.308	ug/l	98
85) 1,2-Dichlorobenzene	12.214	146	174260	10.246	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.996	75	15490	9.870	ug/l	93
87) 1,2,4-Trichlorobenzene	13.841	180	93288	9.808	ug/l	99
88) Hexachlorobutadiene	14.025	225	52331	9.408	ug/l	98
89) Naphthalene	14.089	128	196605	10.016	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	97578	9.965	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

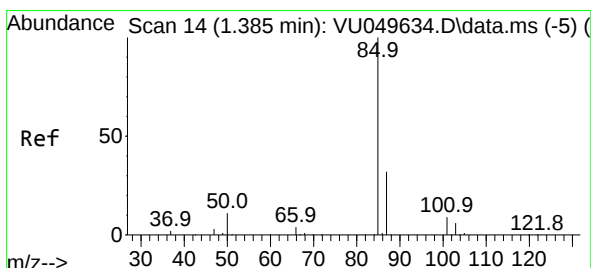
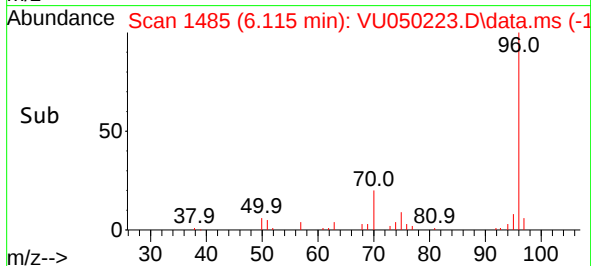
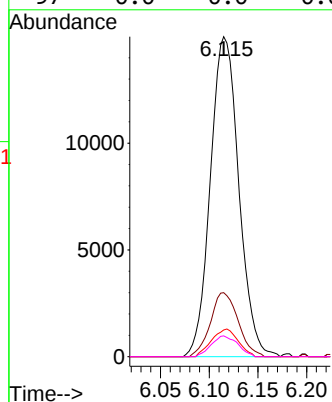
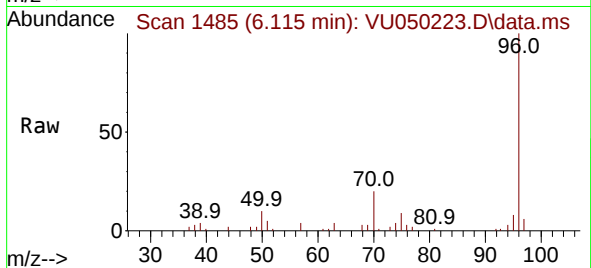
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 96 Resp: 3040

Ion	Ratio	Lower	Upper
96	100		
70	19.5	16.7	25.1
95	8.1	7.4	11.0
97	0.0	0.0	0.0

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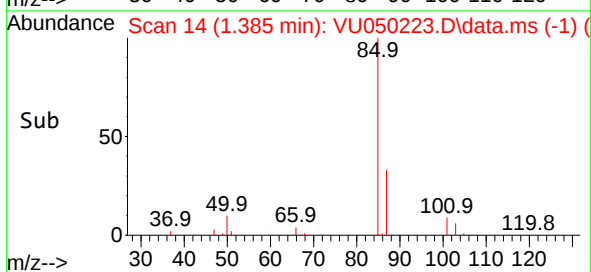
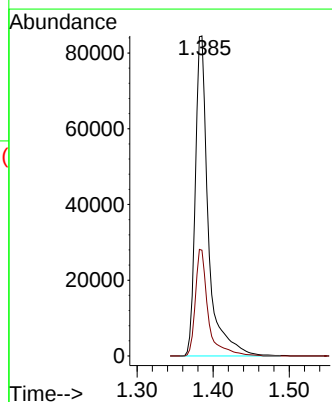
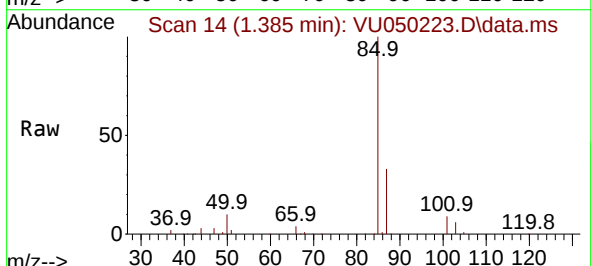
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

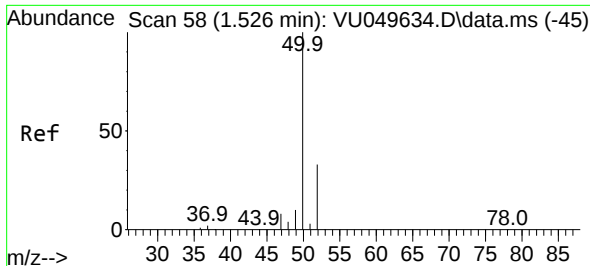


#2
Dichlorodifluoromethane
Concen: 9.159 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

Tgt Ion: 85 Resp: 100303

Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.3	48.8





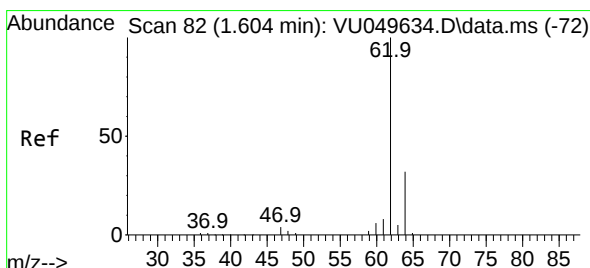
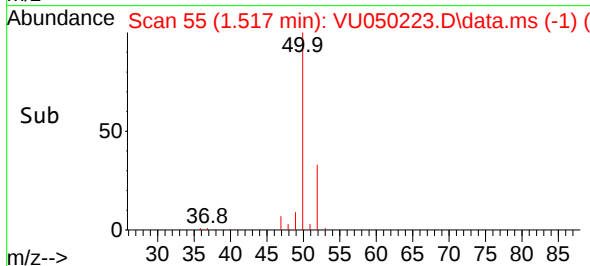
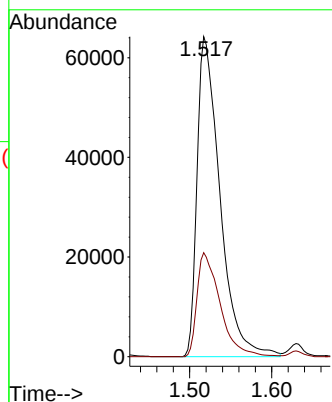
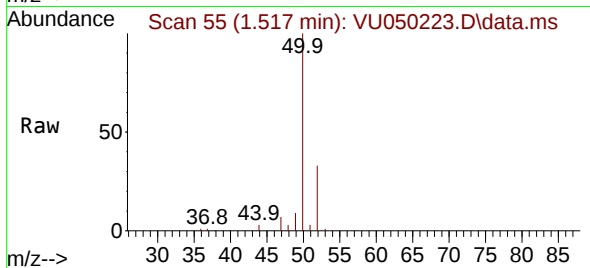
#3
Chloromethane
Concen: 9.041 ug/l
RT: 1.517 min Scan# 50
Delta R.T. -0.009 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

Instrument :
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ClientSampleId :
VSTDCCC010EC

Tgt Ion: 50 Resp: 12416
Ion Ratio Lower Upper
50 100
52 32.5 26.1 39.1

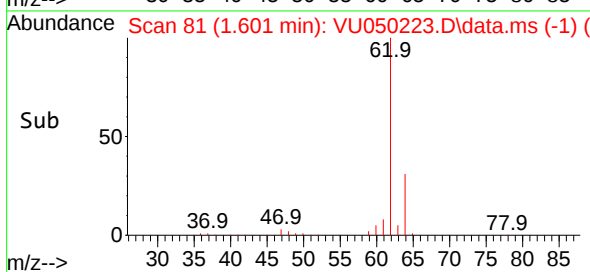
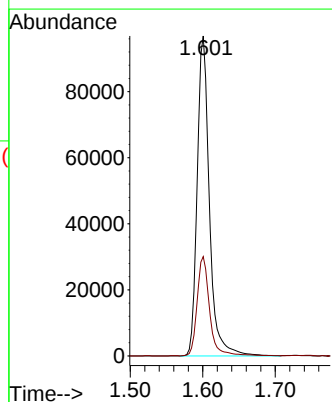
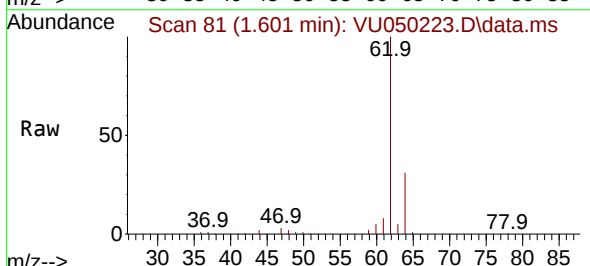
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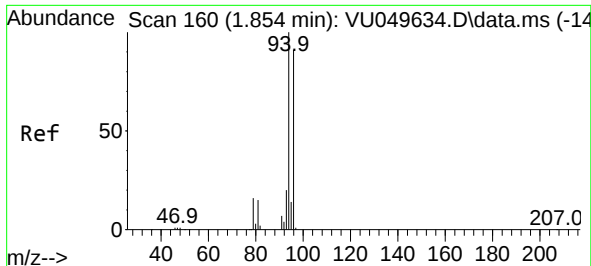
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#4
Vinyl Chloride
Concen: 9.281 ug/l
RT: 1.601 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

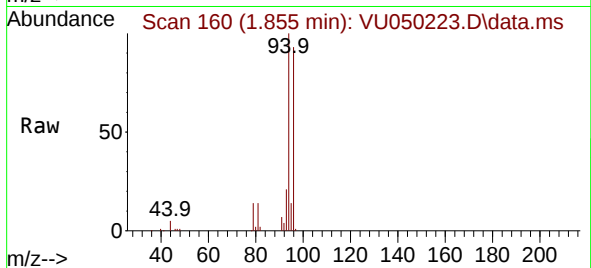
Tgt Ion: 62 Resp: 113152
Ion Ratio Lower Upper
62 100
64 31.1 25.5 38.3





#5
Bromomethane
Concen: 10.629 ug/l
RT: 1.855 min Scan# 160
Delta R.T. 0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

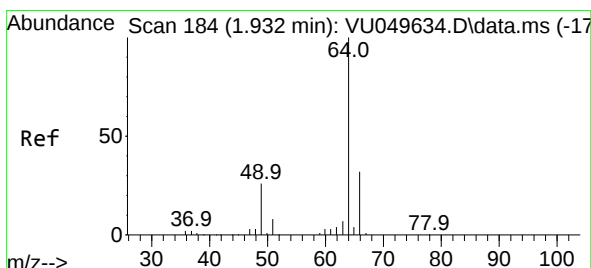
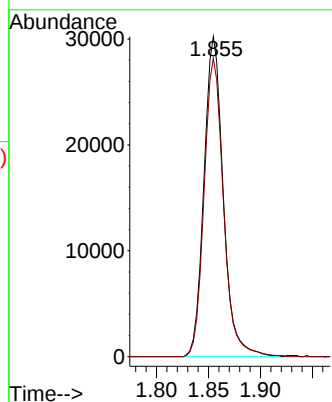
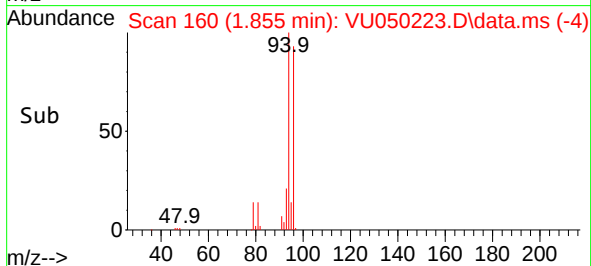
Instrument :
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Tgt Ion: 94 Resp: 39020
Ion Ratio Lower Upper
94 100
96 93.2 73.0 109.6

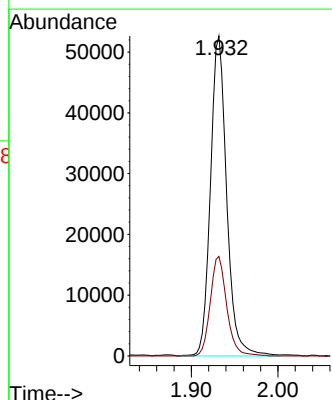
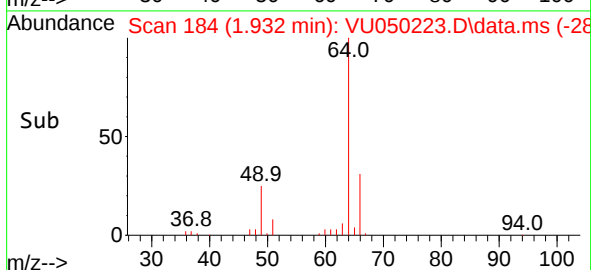
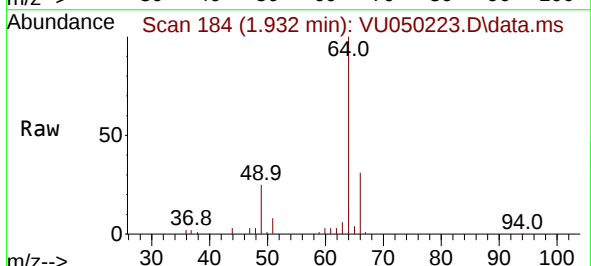
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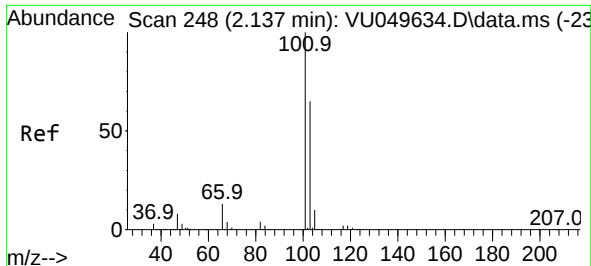
Reviewed By :John Carlone 08/11/2022
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#6
Chloroethane
Concen: 9.293 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

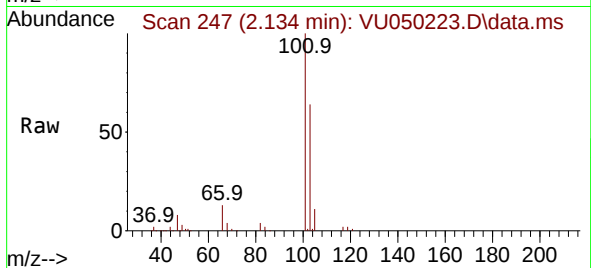
Tgt Ion: 64 Resp: 68502
Ion Ratio Lower Upper
64 100
66 31.1 25.8 38.6





#7
 Trichlorofluoromethane
 Concen: 9.275 ug/l
 RT: 2.134 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU050223.D
 Acq: 10 Aug 2022 17:10

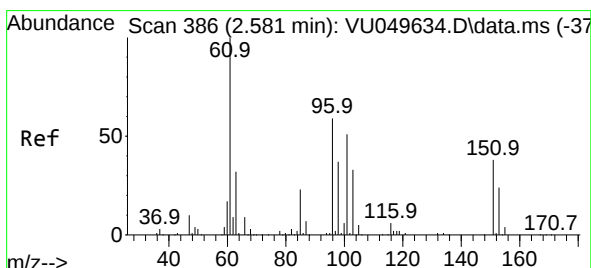
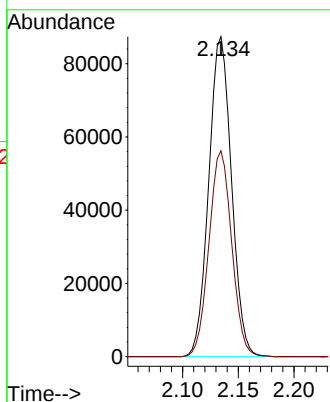
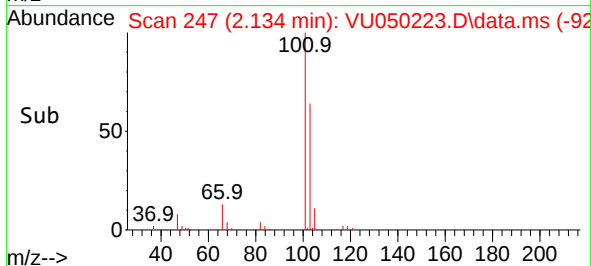
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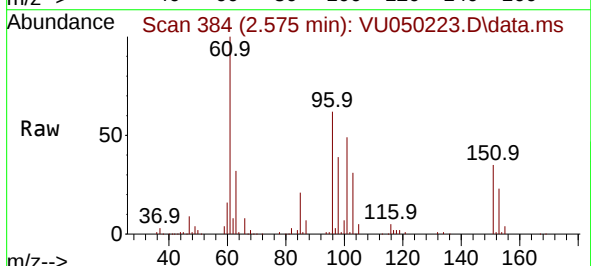
Tgt Ion:101 Resp: 124064
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.8 77.6

Manual Integrations
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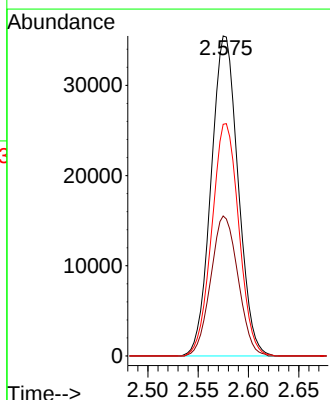
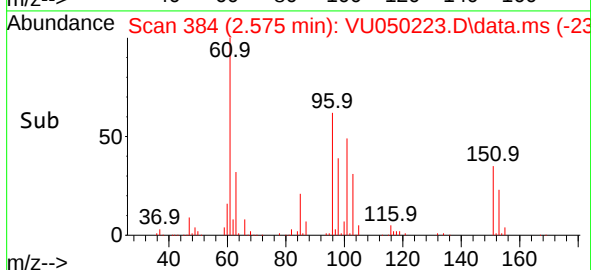
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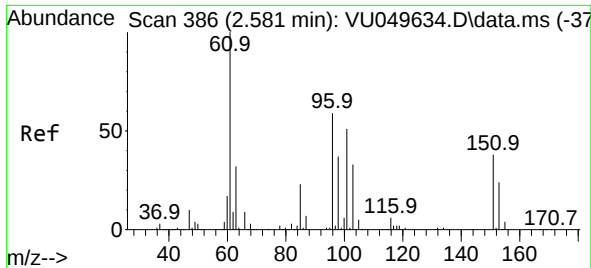


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.321 ug/l
 RT: 2.575 min Scan# 384
 Delta R.T. -0.006 min
 Lab File: VU050223.D
 Acq: 10 Aug 2022 17:10



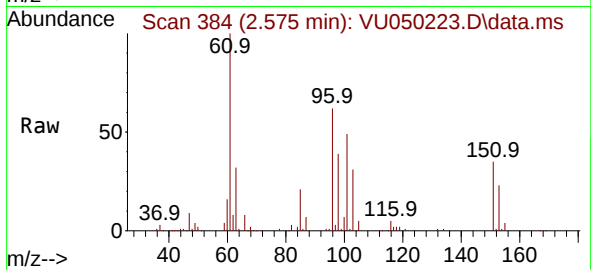
Tgt Ion:101 Resp: 66237
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.4 54.6
 151 72.8 59.1 88.7





#9
1,1-Dichloroethene
Concen: 9.041 ug/l
RT: 2.575 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

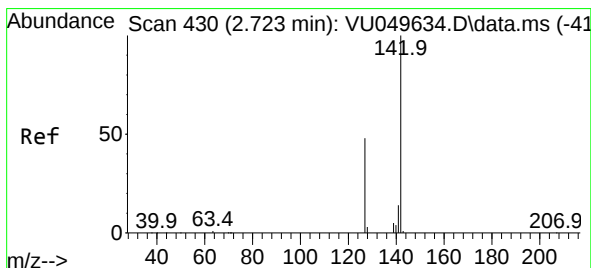
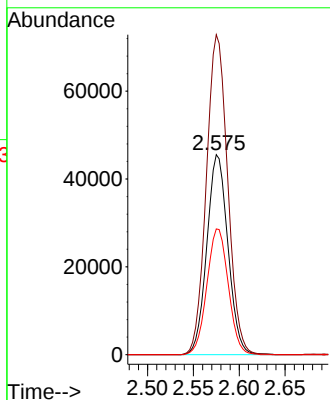
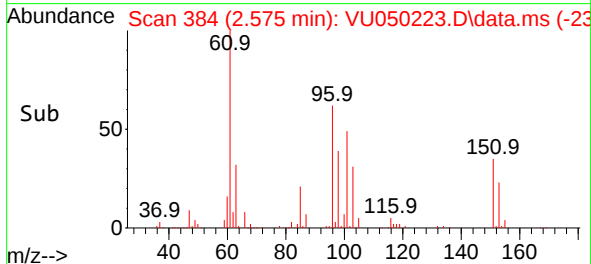
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VSTDCCC010EC



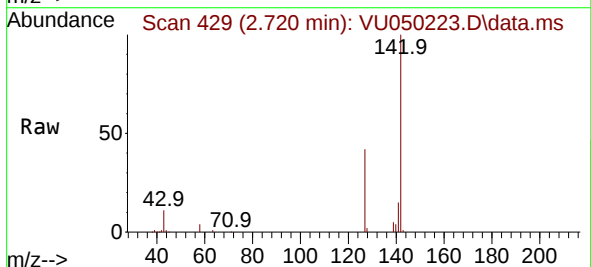
Tgt Ion: 96 Resp: 72875
Ion Ratio Lower Upper
96 100
61 160.0 0.0 510.6
98 62.9 0.0 124.6

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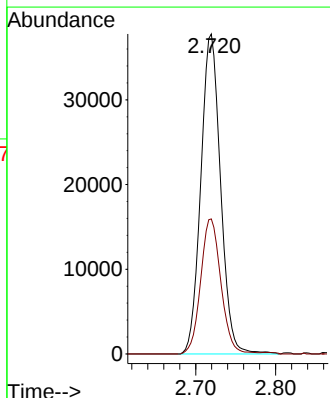
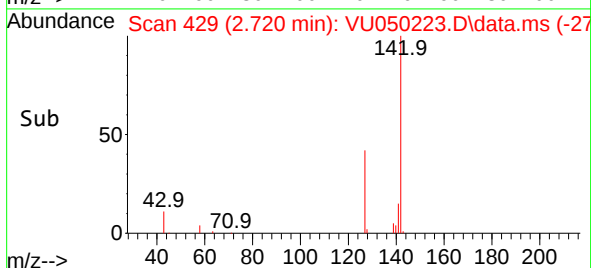
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

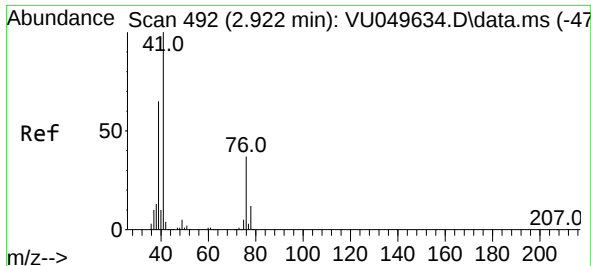


#10
Iodomethane
Concen: 9.673 ug/l
RT: 2.720 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10



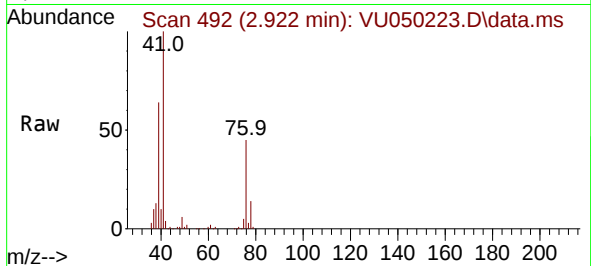
Tgt Ion:142 Resp: 65030
Ion Ratio Lower Upper
142 100
127 43.2 38.2 57.2





#11
 Allyl Chloride
 Concen: 9.374 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU050223.D
 Acq: 10 Aug 2022 17:10

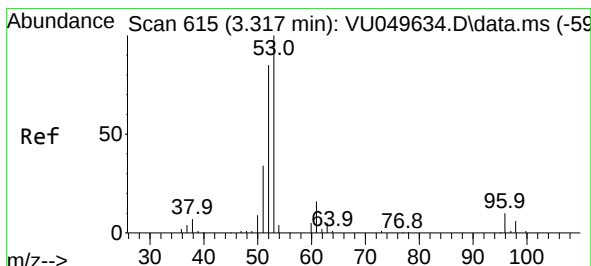
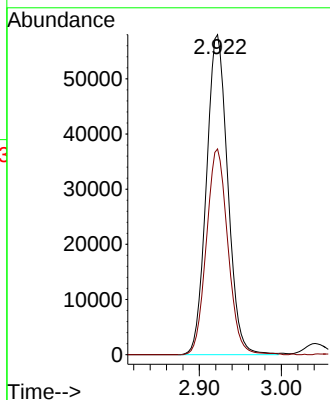
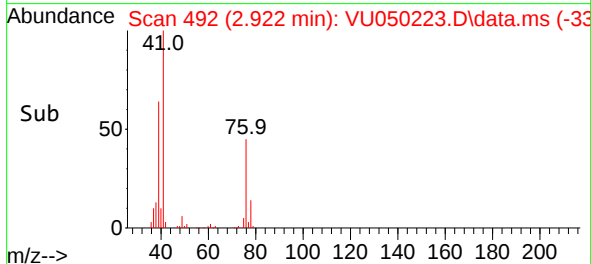
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



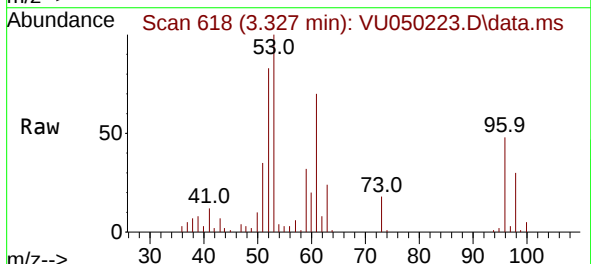
Tgt Ion: 41 Resp: 104750
 Ion Ratio Lower Upper
 41 100
 39 64.7 53.2 79.8

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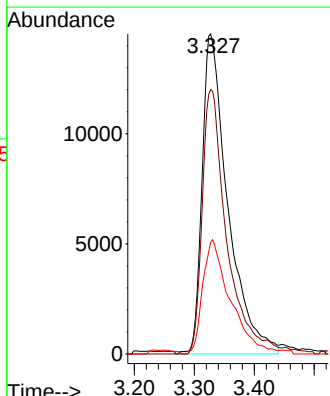
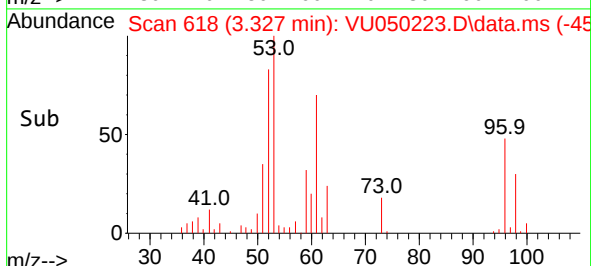
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

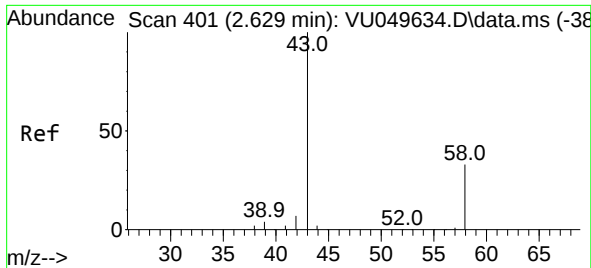


#12
 Acrylonitrile
 Concen: 20.271 ug/l
 RT: 3.327 min Scan# 618
 Delta R.T. 0.010 min
 Lab File: VU050223.D
 Acq: 10 Aug 2022 17:10



Tgt Ion: 53 Resp: 43338
 Ion Ratio Lower Upper
 53 100
 52 78.7 64.6 97.0
 51 38.2 30.7 46.1





#13

Acetone

Concen: 47.787 ug/l

RT: 2.655 min Scan# 409

Delta R.T. 0.026 min

Lab File: VU050223.D

Acq: 10 Aug 2022 17:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 7634

Ion Ratio Lower Upper

43 100

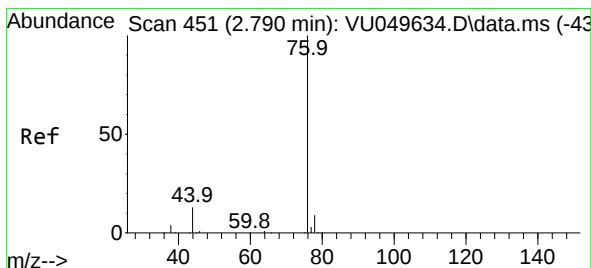
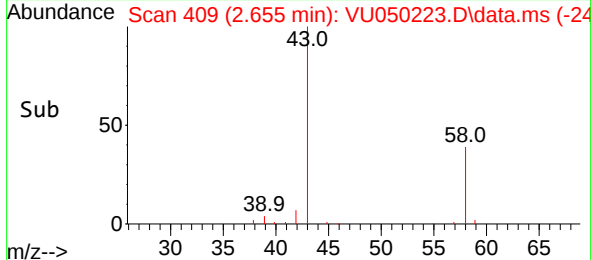
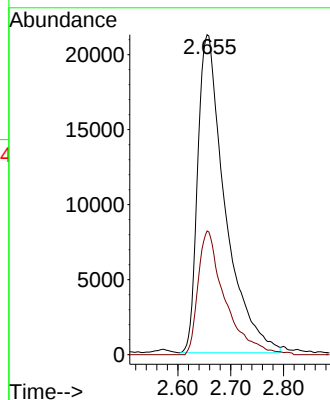
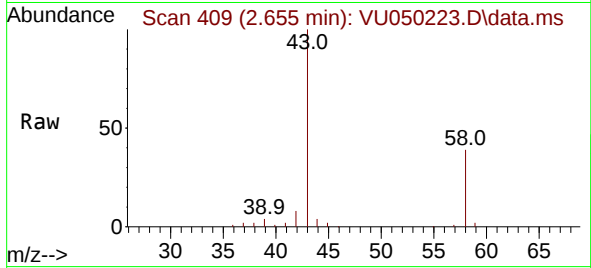
58 38.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#14

Carbon Disulfide

Concen: 8.537 ug/l

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU050223.D

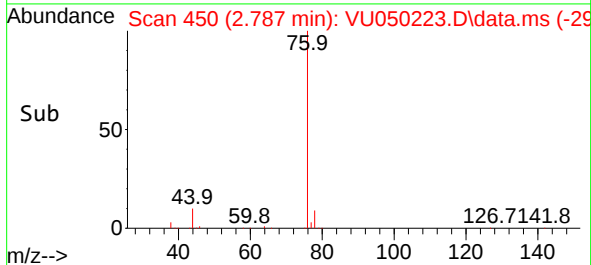
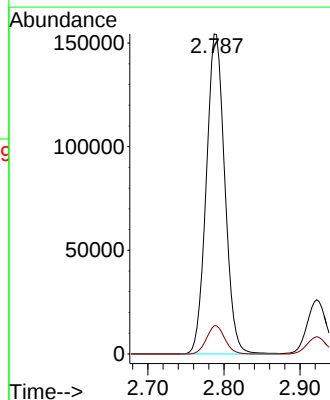
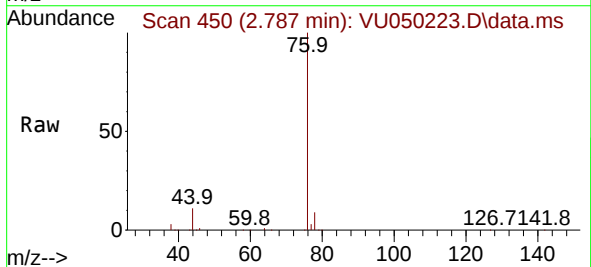
Acq: 10 Aug 2022 17:10

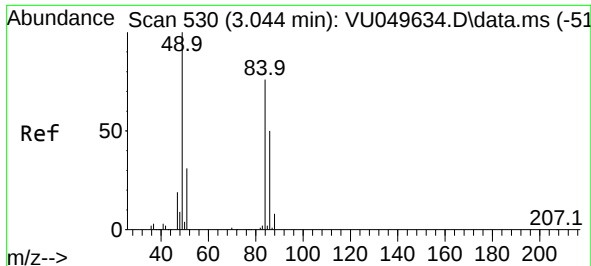
Tgt Ion: 76 Resp: 260697

Ion Ratio Lower Upper

76 100

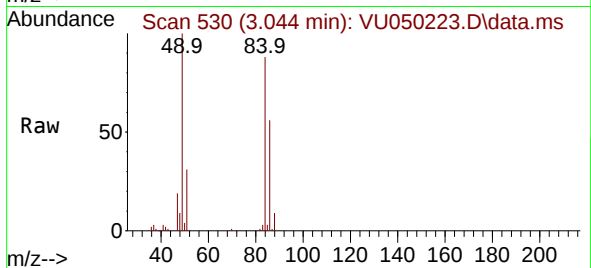
78 8.8 7.4 11.0





#15
Methylene Chloride
Concen: 8.541 ug/l
RT: 3.044 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

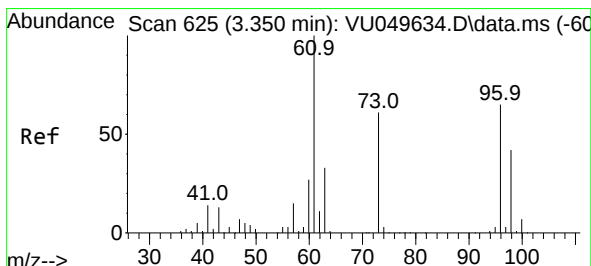
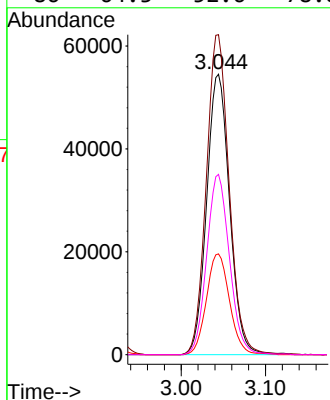
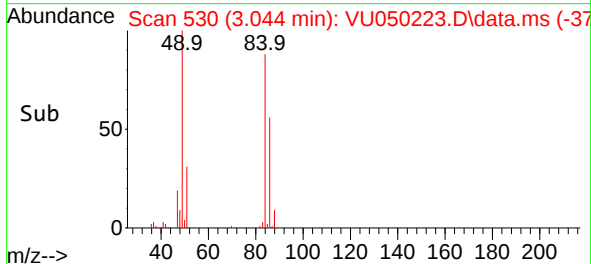
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



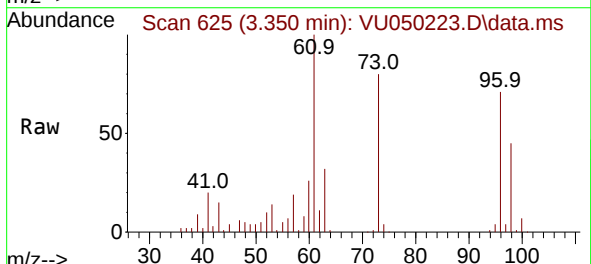
Tgt Ion: 84 Resp: 10312
Ion Ratio Lower Upper
84 100
49 114.1 104.6 157.0
51 35.9 0.0 81.4
86 64.3 52.6 78.8

Manual Integrations
APPROVED

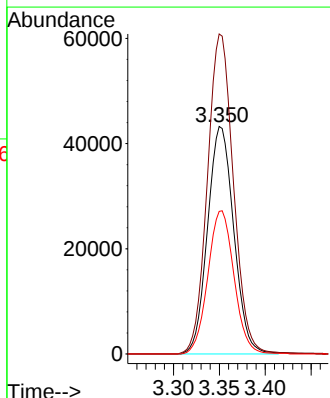
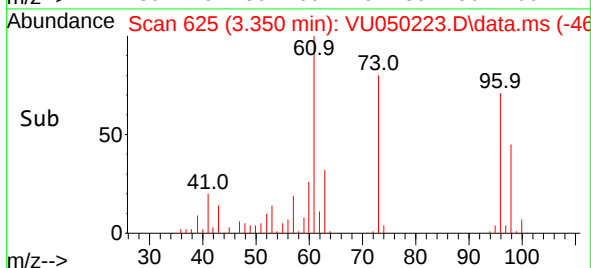
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

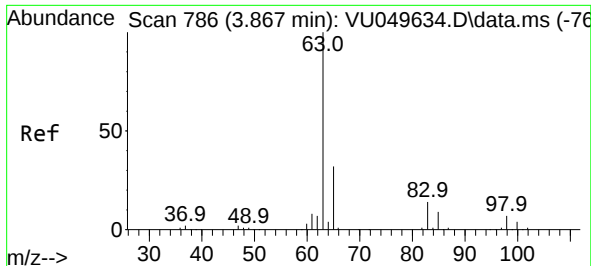


#16
trans-1,2-Dichloroethene
Concen: 9.633 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10



Tgt Ion: 96 Resp: 85959
Ion Ratio Lower Upper
96 100
61 140.7 123.4 185.0
98 62.7 51.6 77.4





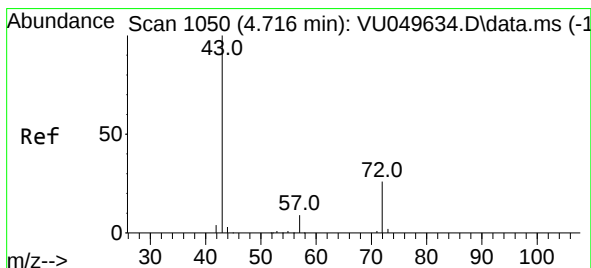
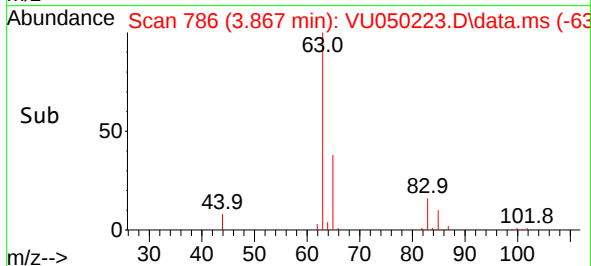
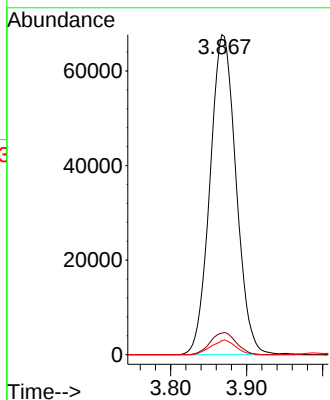
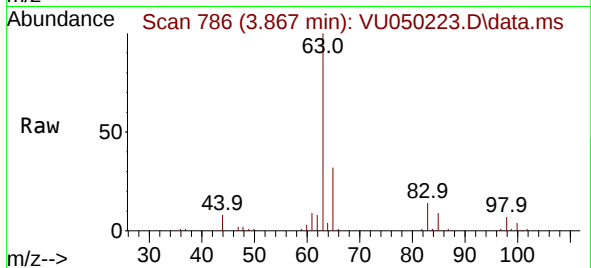
#17
1,1-Dichloroethane
Concen: 9.550 ug/l
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 160875
Ion Ratio Lower Upper
63 100
98 6.8 3.4 10.2
100 4.4 2.0 6.0

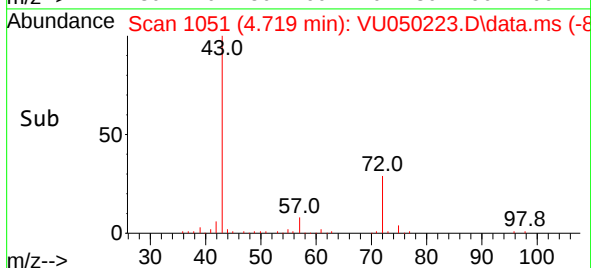
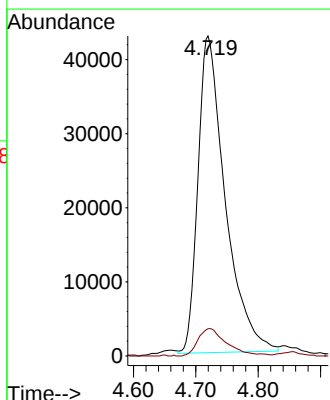
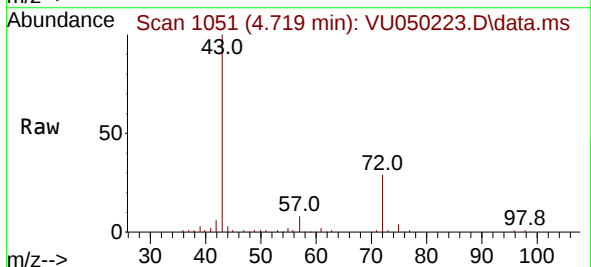
Manual Integrations
APPROVED

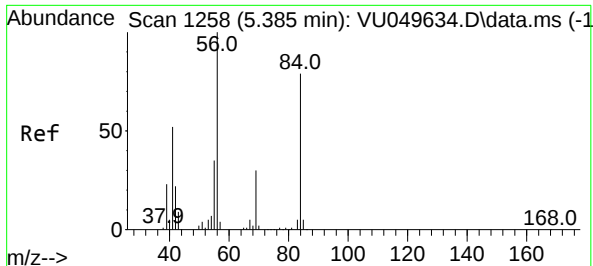
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#18
2-Butanone
Concen: 50.243 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.003 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

Tgt Ion: 43 Resp: 129945
Ion Ratio Lower Upper
43 100
57 8.6 0.0 18.0





#19

Cyclohexane

Concen: 8.523 ug/l

RT: 5.388 min Scan# 1258

Delta R.T. 0.003 min

Lab File: VU050223.D

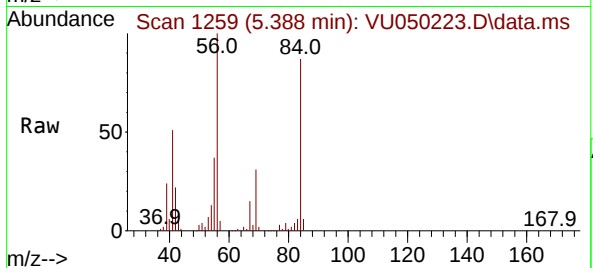
Acq: 10 Aug 2022 17:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



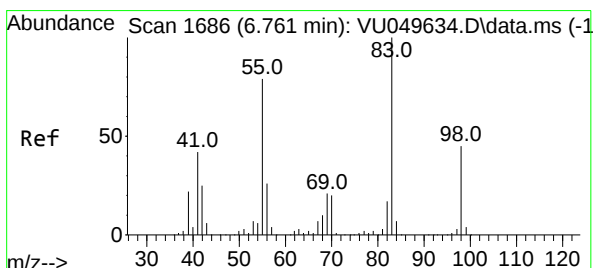
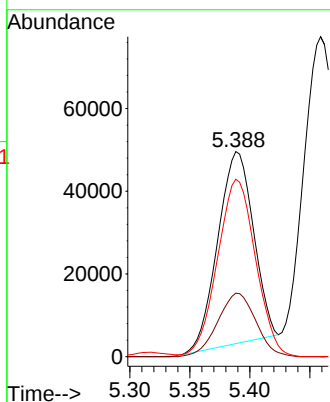
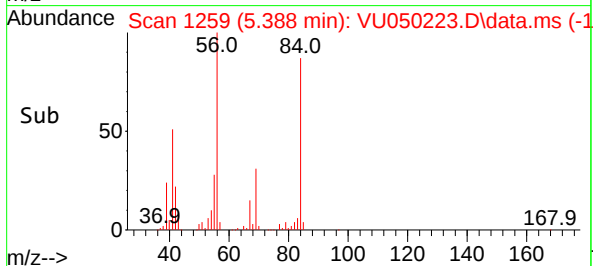
Tgt Ion:	56	Resp:	9599
Ion Ratio	Lower	Upper	
56	100		
69	35.3	24.2	36.4
84	97.4	63.4	95.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#20

Methylcyclohexane

Concen: 10.136 ug/l

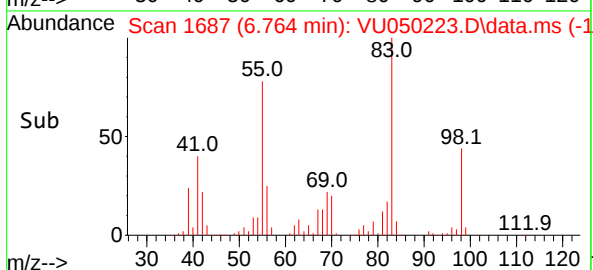
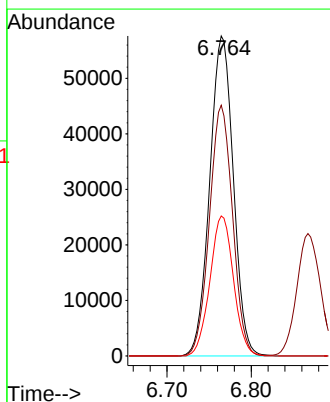
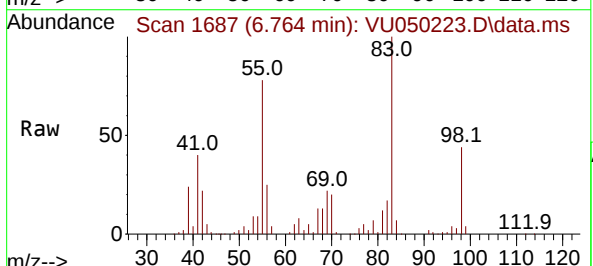
RT: 6.764 min Scan# 1687

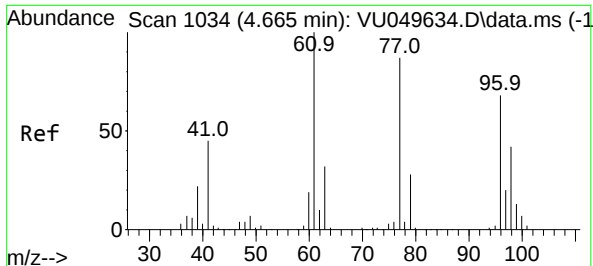
Delta R.T. 0.003 min

Lab File: VU050223.D

Acq: 10 Aug 2022 17:10

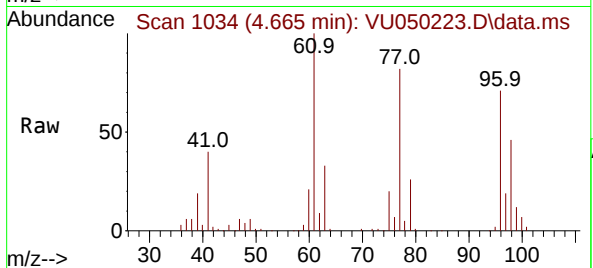
Tgt Ion:	83	Resp:	112135
Ion Ratio	Lower	Upper	
83	100		
55	76.4	63.0	94.4
98	43.8	35.7	53.5





#21
2,2-Dichloropropane
Concen: 9.653 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

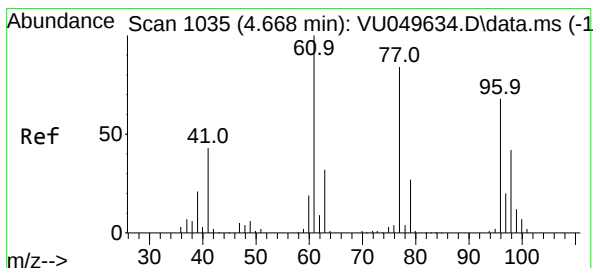
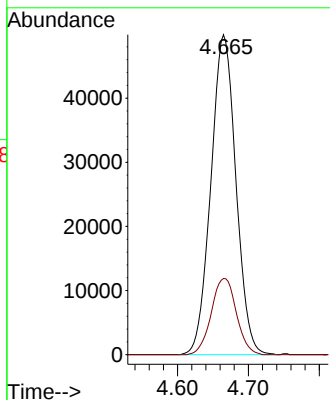
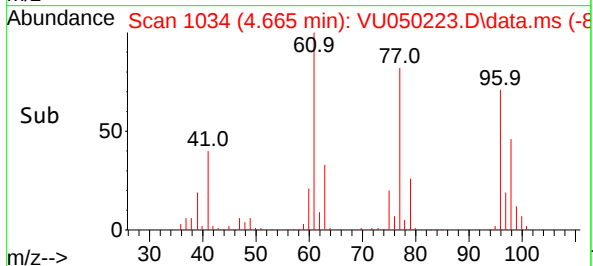
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



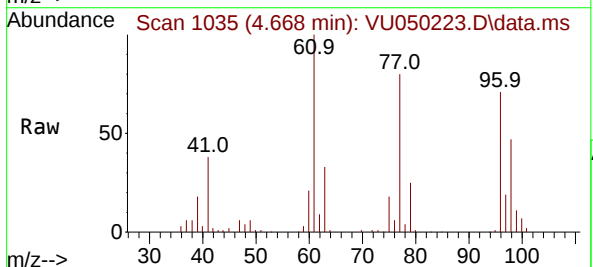
Tgt Ion: 77 Resp: 122454
Ion Ratio Lower Upper
77 100
97 23.9 18.5 27.7

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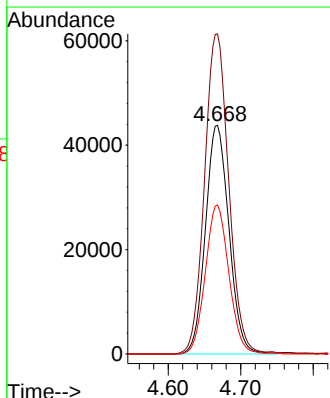
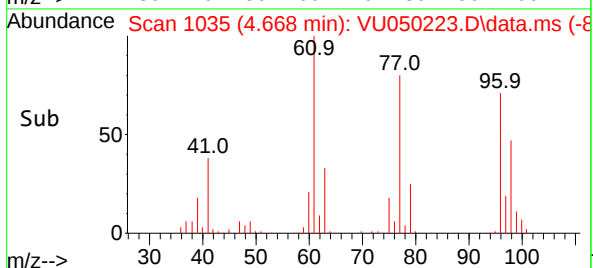
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

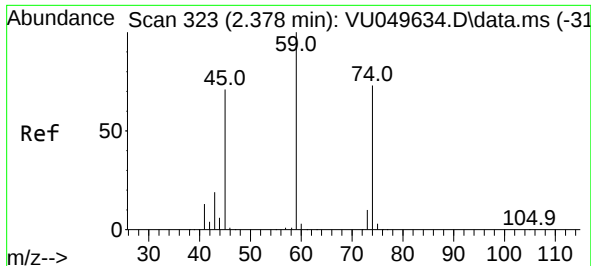


#22
cis-1,2-Dichloroethene
Concen: 9.818 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10



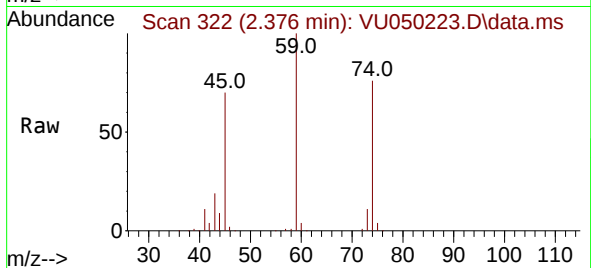
Tgt Ion: 96 Resp: 98782
Ion Ratio Lower Upper
96 100
61 143.5 0.0 375.8
98 65.0 31.6 95.0





#23
Diethyl Ether
Concen: 9.592 ug/l
RT: 2.376 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

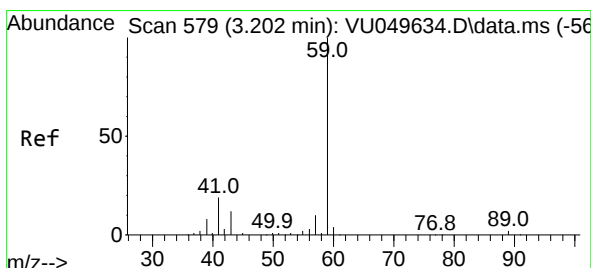
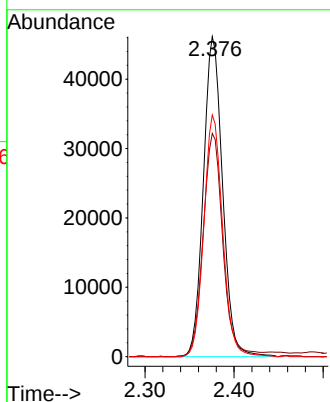
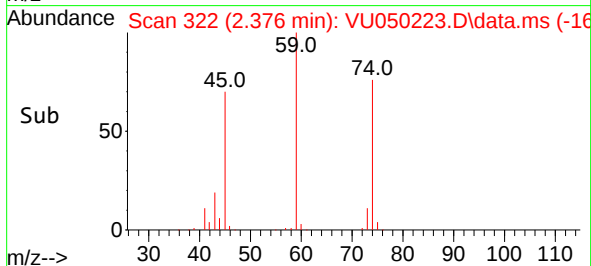
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 59 Resp: 68978
Ion Ratio Lower Upper
59 100
45 72.0 56.0 84.0
74 73.9 57.6 86.4

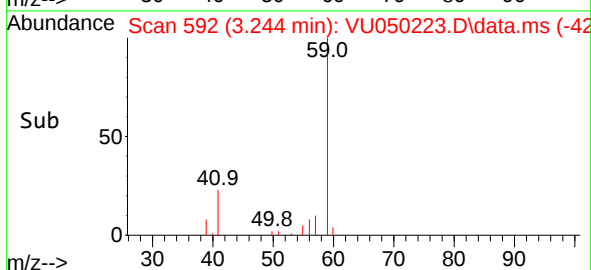
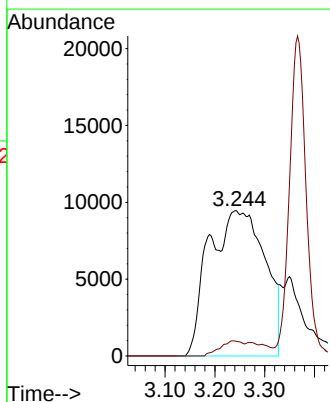
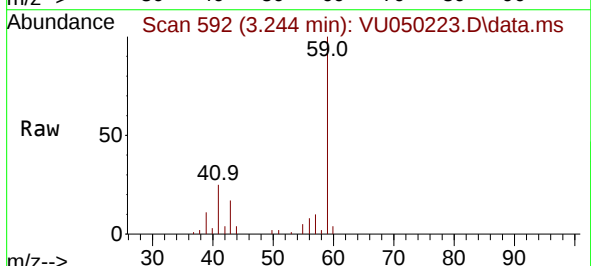
Manual Integrations
APPROVED

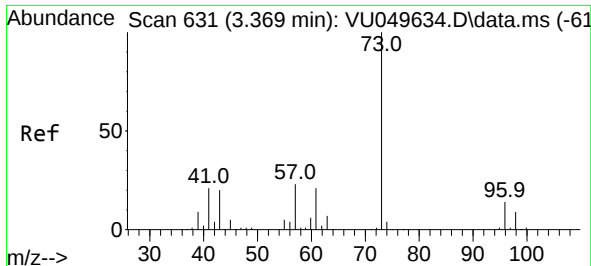
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#24
tert-Butyl Alcohol
Concen: 136.107 ug/l m
RT: 3.244 min Scan# 592
Delta R.T. 0.042 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

Tgt Ion: 59 Resp: 73976
Ion Ratio Lower Upper
59 100
57 4.2 8.2 12.2#





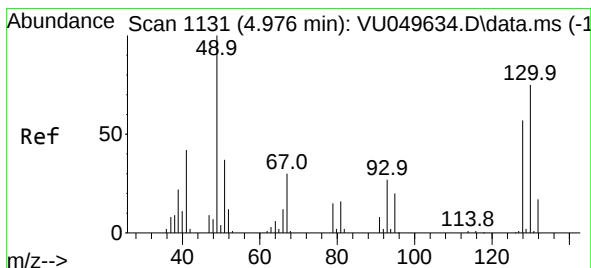
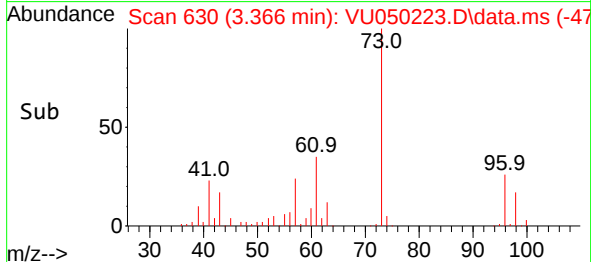
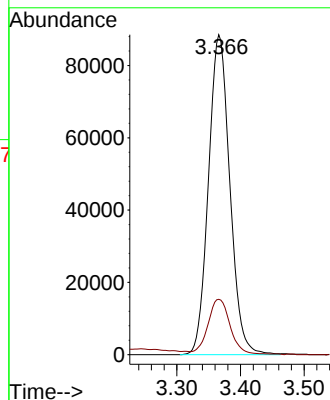
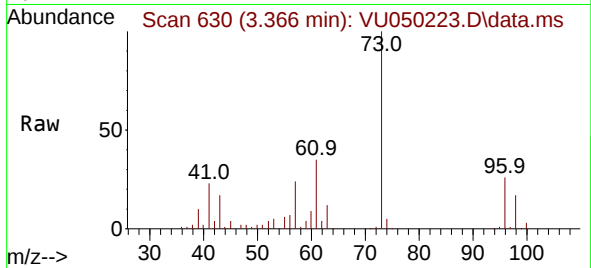
#25
Methyl tert-Butyl Ether
Concen: 9.979 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 73 Resp: 20648
Ion Ratio Lower Upper
73 100
43 18.3 15.9 23.9

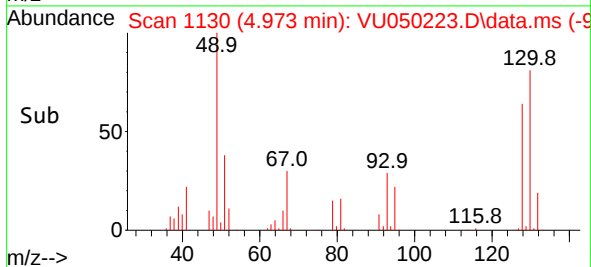
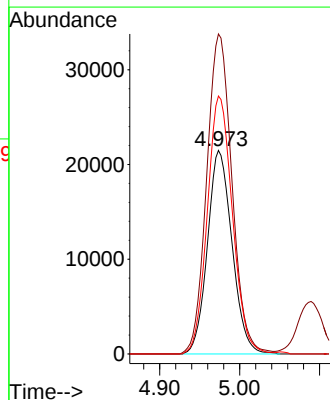
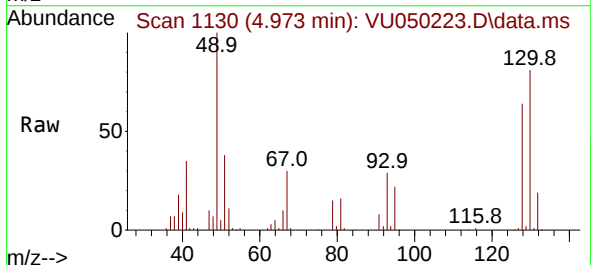
Manual Integrations
APPROVED

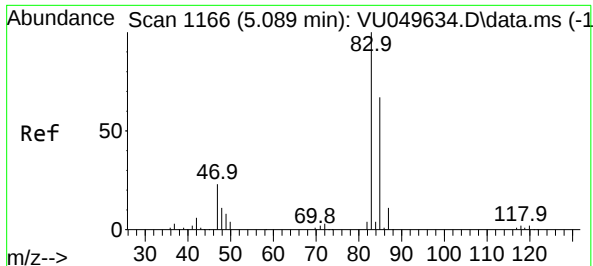
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#26
Bromochloromethane
Concen: 9.884 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

Tgt Ion:128 Resp: 45905
Ion Ratio Lower Upper
128 100
49 161.7 0.0 349.2
130 130.0 103.0 154.6





#27

Chloroform

Concen: 9.681 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050223.D

Acq: 10 Aug 2022 17:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 168069

Ion Ratio Lower Upper

83 100

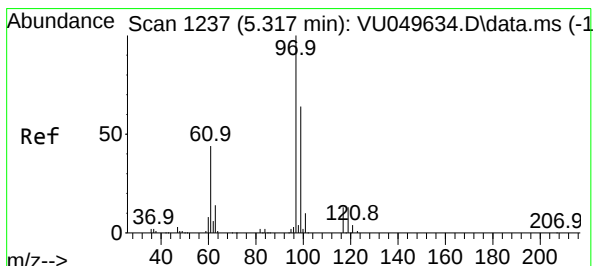
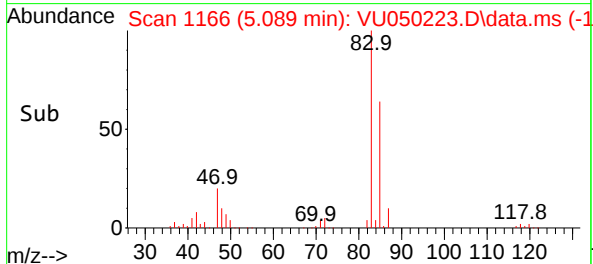
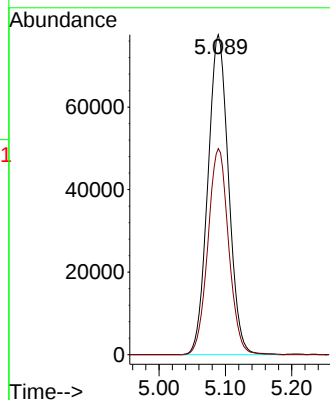
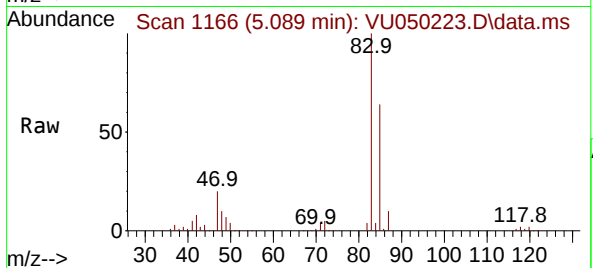
85 64.4 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#28

1,1,1-Trichloroethane

Concen: 9.564 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU050223.D

Acq: 10 Aug 2022 17:10

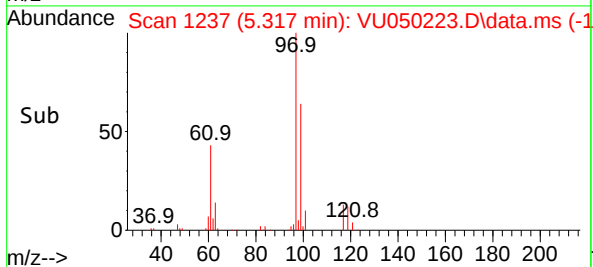
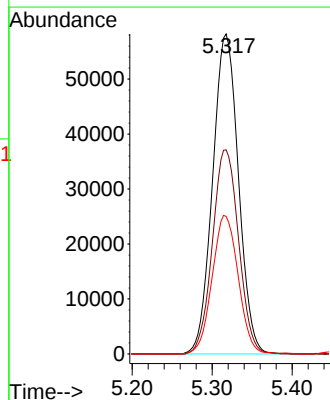
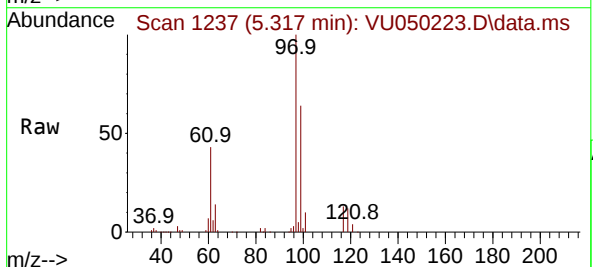
Tgt Ion: 97 Resp: 130676

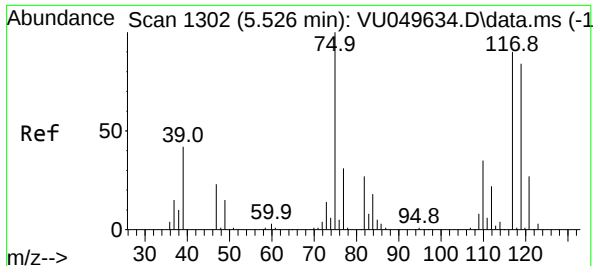
Ion Ratio Lower Upper

97 100

99 64.7 32.1 96.5

61 43.7 21.8 65.4





#29

1,1-Dichloropropene

Concen: 9.874 ug/l

RT: 5.527 min Scan# 11196

Delta R.T. 0.000 min

Lab File: VU050223.D

Acq: 10 Aug 2022 17:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 11196

Ion Ratio Lower Upper

75 100

110 35.2 17.3 52.0

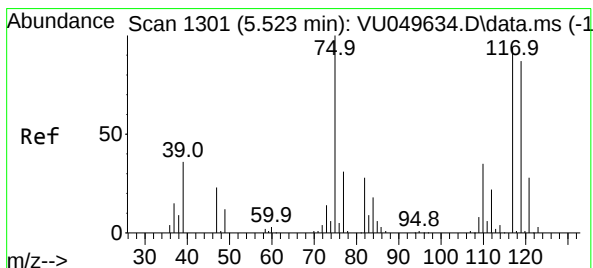
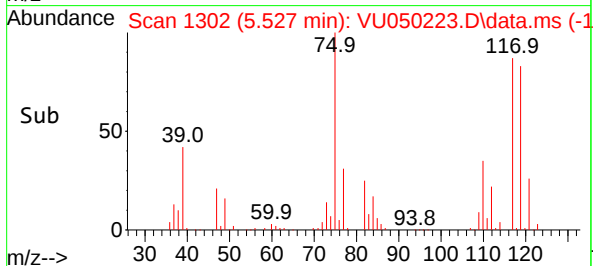
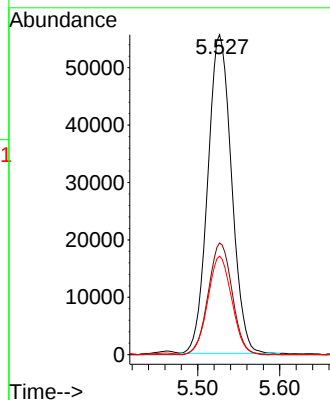
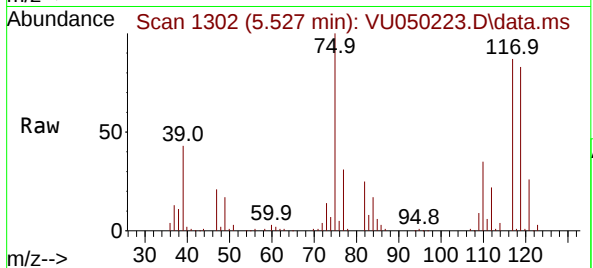
77 31.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#30

Carbon Tetrachloride

Concen: 9.443 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VU050223.D

Acq: 10 Aug 2022 17:10

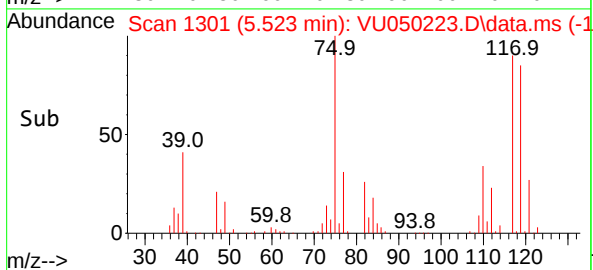
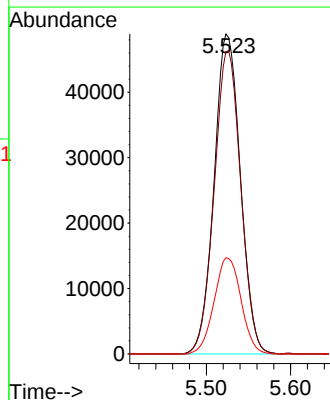
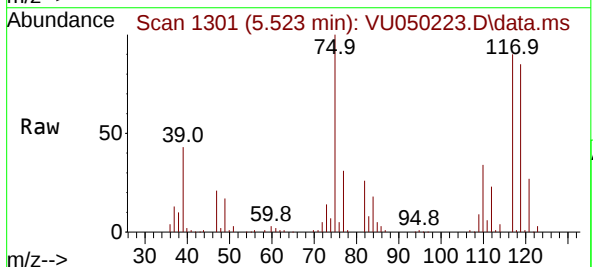
Tgt Ion:117 Resp: 106007

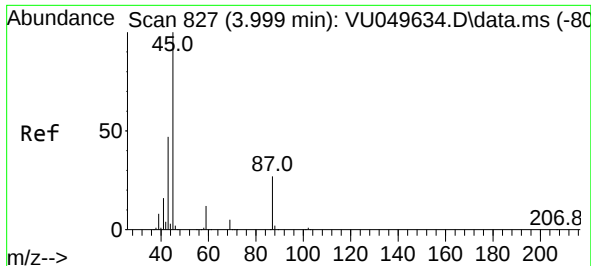
Ion Ratio Lower Upper

117 100

119 94.5 74.6 112.0

121 30.0 24.2 36.4





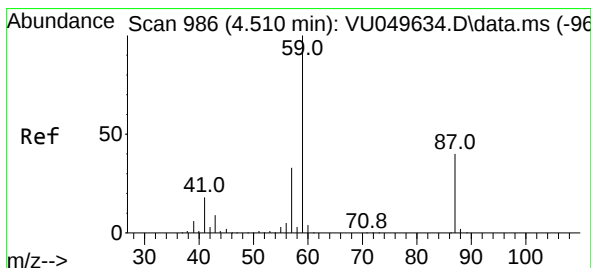
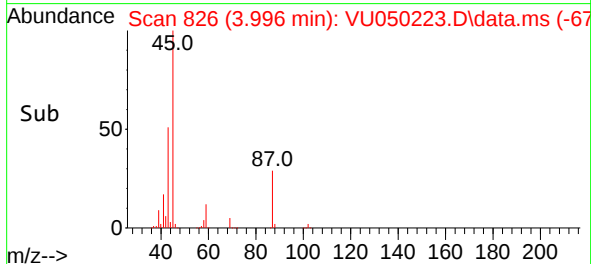
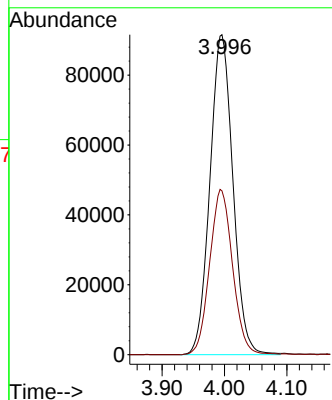
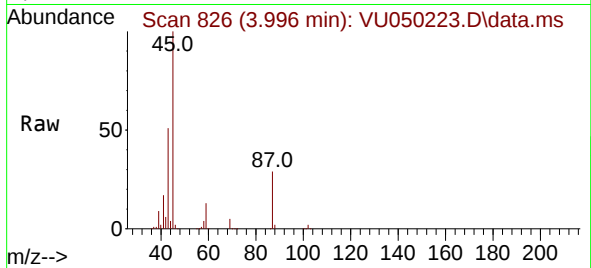
#31
Isopropyl Ether
Concen: 10.281 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 23458
Ion Ratio Lower Upper
45 100
43 51.5 23.8 71.2

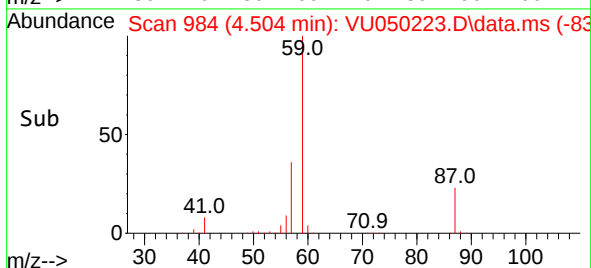
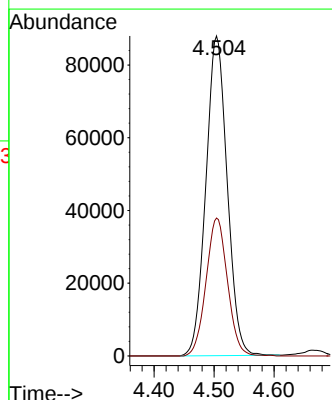
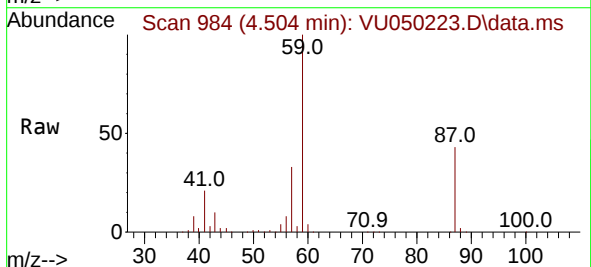
Manual Integrations
APPROVED

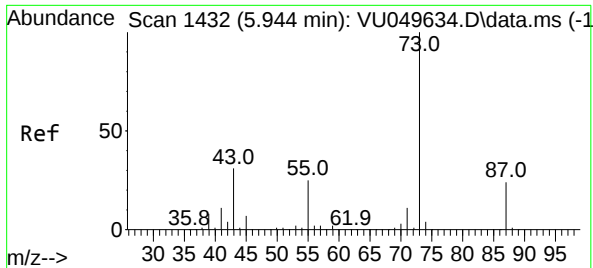
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#32
Ethyl-t-butyl ether
Concen: 9.957 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.006 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

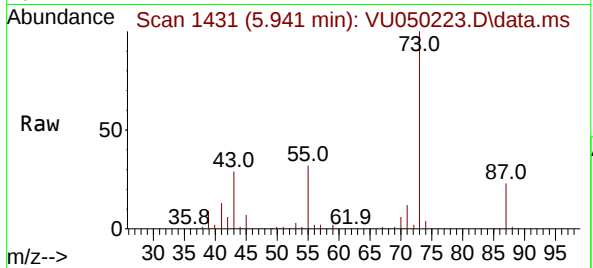
Tgt Ion: 59 Resp: 217277
Ion Ratio Lower Upper
59 100
87 43.1 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 10.261 ug/l
RT: 5.941 min Scan# 1432
Delta R.T. -0.003 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

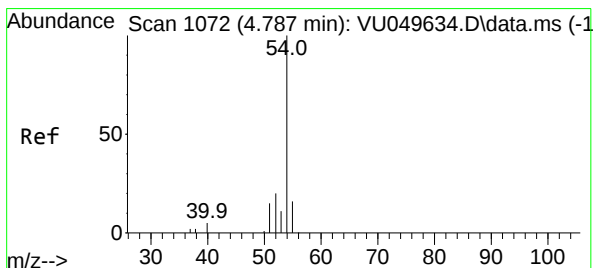
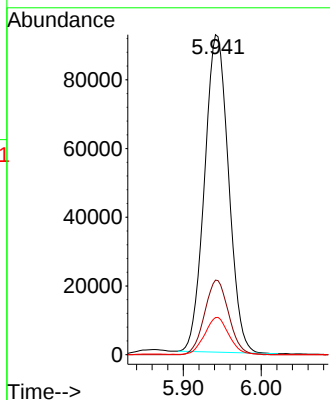
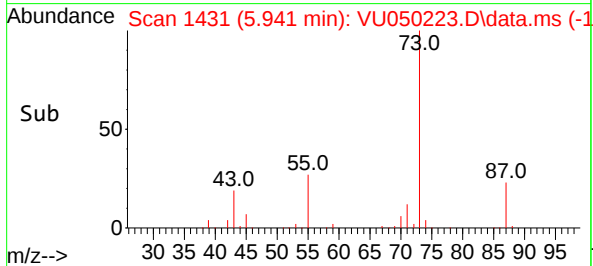
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 19767
Ion Ratio Lower Upper
73 100
87 23.6 19.7 29.5
71 11.8 9.0 13.4

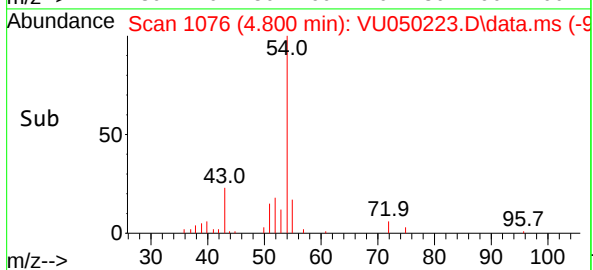
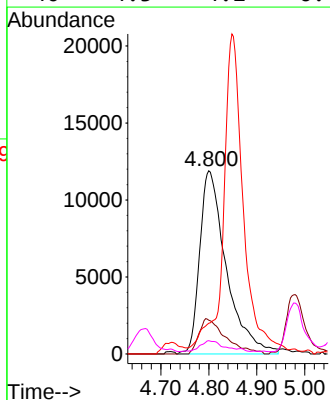
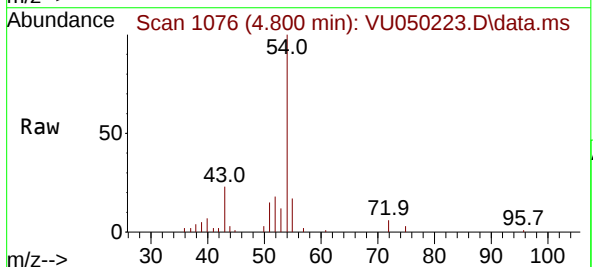
Manual Integrations
APPROVED

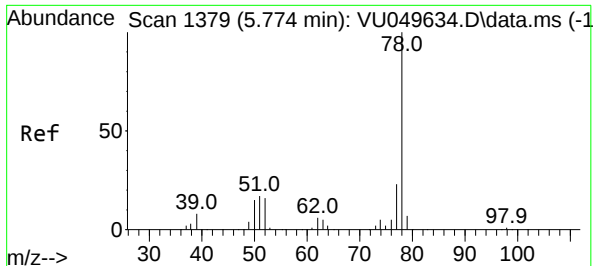
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#34
Propionitrile
Concen: 50.070 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.013 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

Tgt Ion: 54 Resp: 45778
Ion Ratio Lower Upper
54 100
52 19.2 15.0 22.6
55 128.5 12.6 19.0#
40 4.3 4.2 6.4





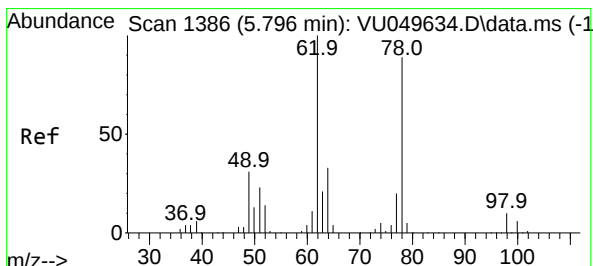
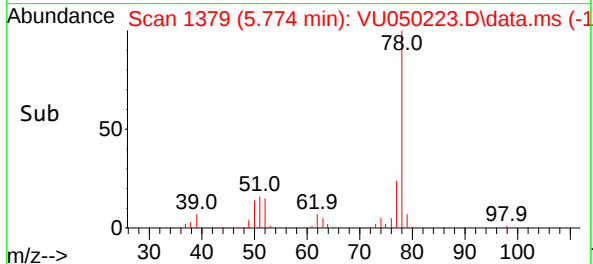
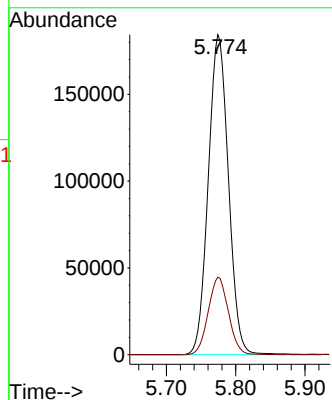
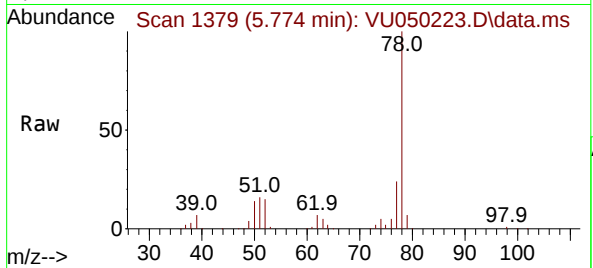
#35
Benzene
Concen: 9.886 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 78 Resp: 371504
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0

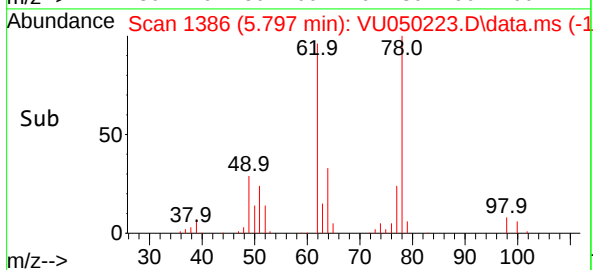
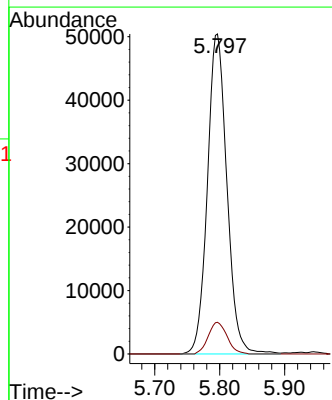
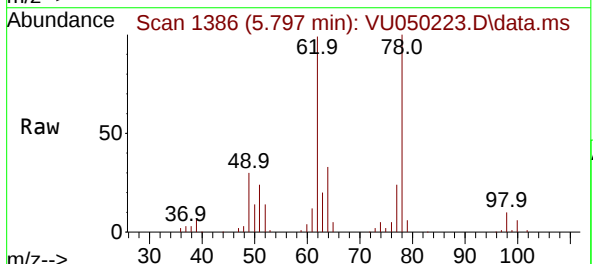
Manual Integrations
APPROVED

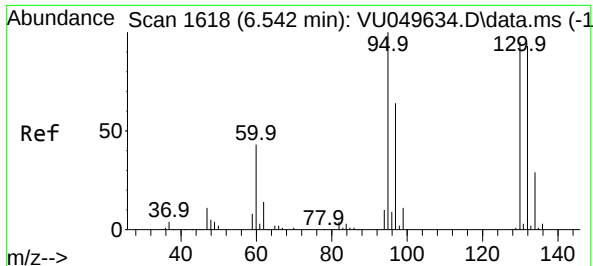
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#36
1,2-Dichloroethane
Concen: 9.699 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

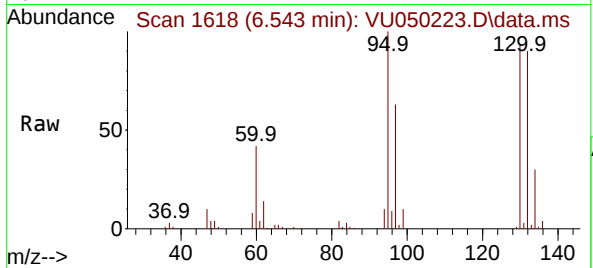
Tgt Ion: 62 Resp: 105259
Ion Ratio Lower Upper
62 100
98 9.6 7.4 11.0





#37
Trichloroethene
Concen: 9.416 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

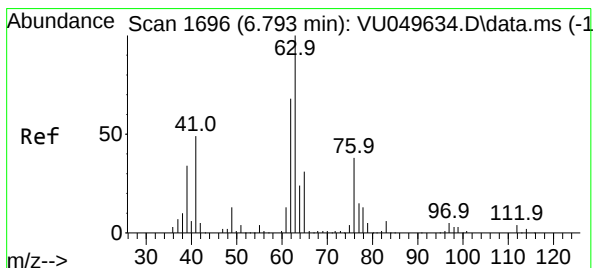
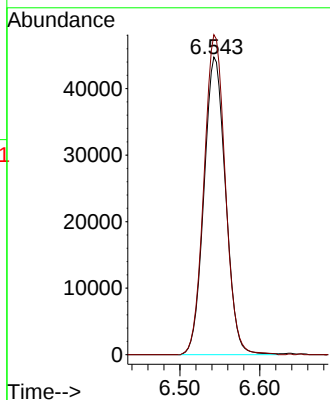
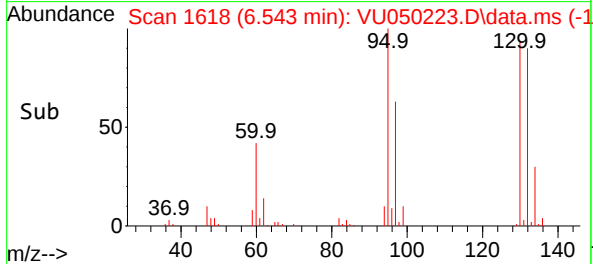
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



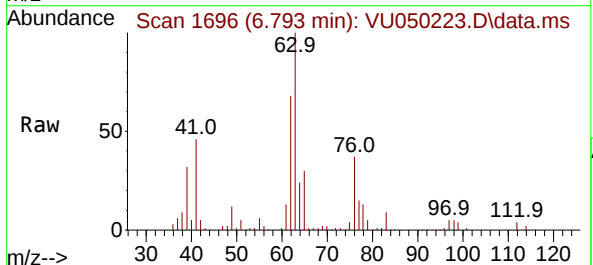
Tgt Ion:130 Resp: 83979
Ion Ratio Lower Upper
130 100
95 107.5 83.8 125.8

Manual Integrations
APPROVED

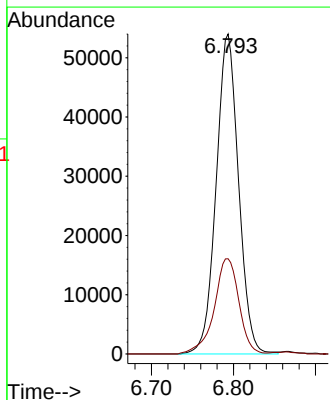
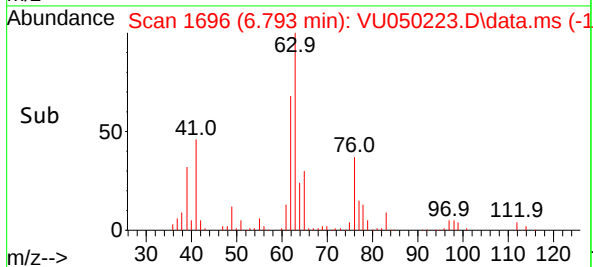
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

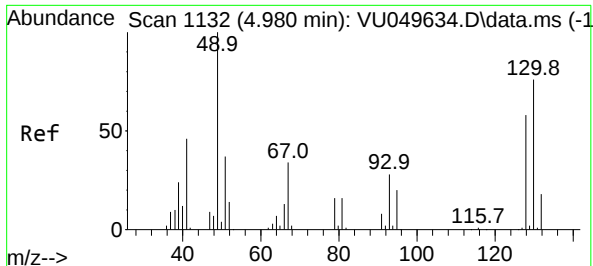


#38
1,2-Dichloropropane
Concen: 9.967 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10



Tgt Ion: 63 Resp: 102558
Ion Ratio Lower Upper
63 100
65 29.8 25.0 37.4





#39

Methacrylonitrile

Concen: 10.641 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU050223.D

Acq: 10 Aug 2022 17:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 3045

Ion Ratio Lower Upper

41 100

67 84.9 59.4 89.0

39 51.4 42.2 63.2

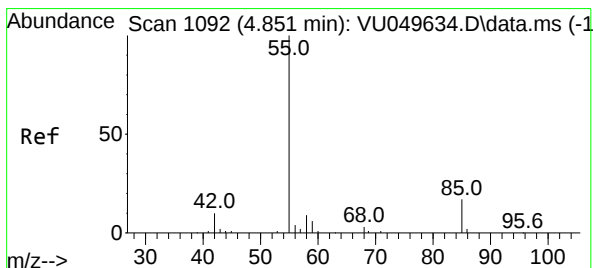
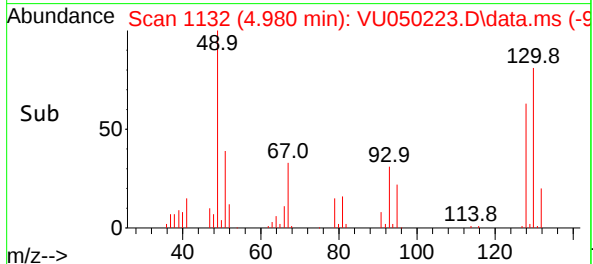
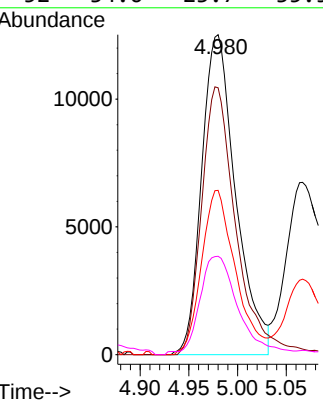
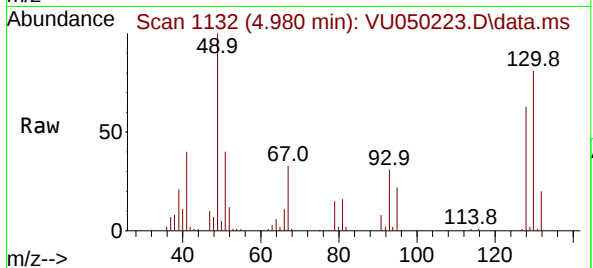
52 34.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#40

Methyl acrylate

Concen: 10.583 ug/l

RT: 4.848 min Scan# 1091

Delta R.T. -0.003 min

Lab File: VU050223.D

Acq: 10 Aug 2022 17:10

Tgt Ion: 55 Resp: 58803

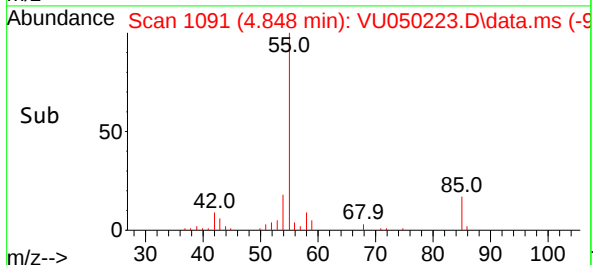
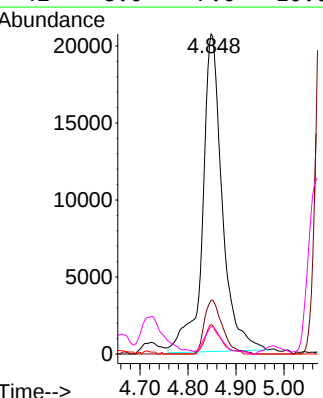
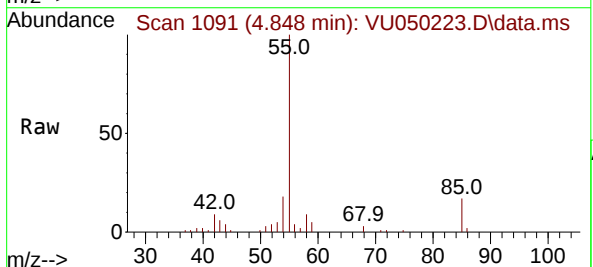
Ion Ratio Lower Upper

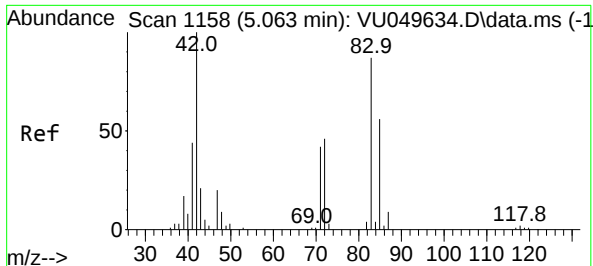
55 100

85 15.7 13.5 20.3

58 7.5 7.0 10.4

42 8.0 7.0 10.6





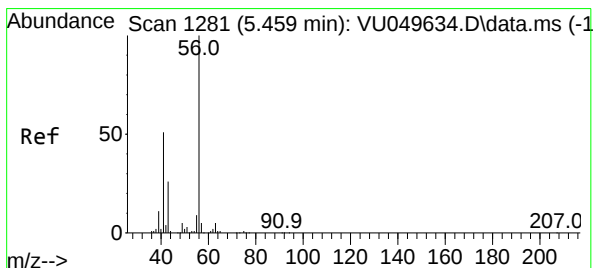
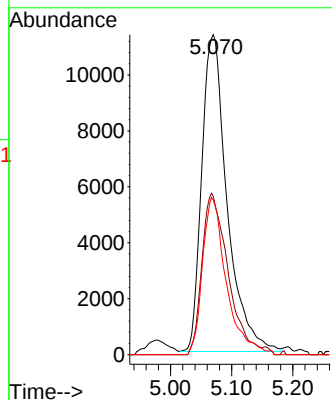
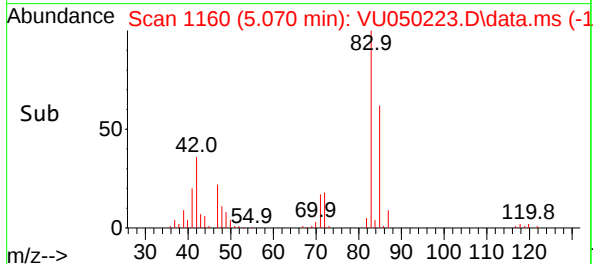
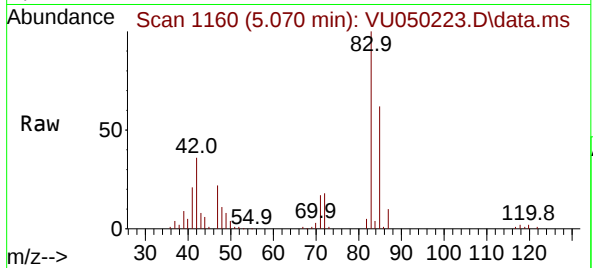
#41
Tetrahydrofuran
Concen: 19.090 ug/l
RT: 5.070 min Scan# 1158
Delta R.T. 0.007 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 42 Resp: 3258
Ion Ratio Lower Upper
42 100
72 52.2 38.9 58.3
71 46.7 33.7 50.5

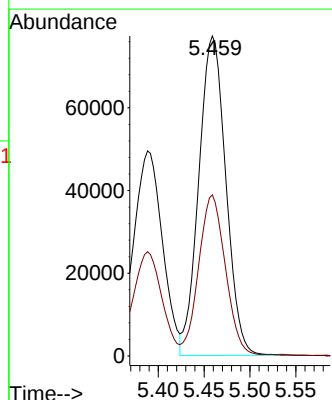
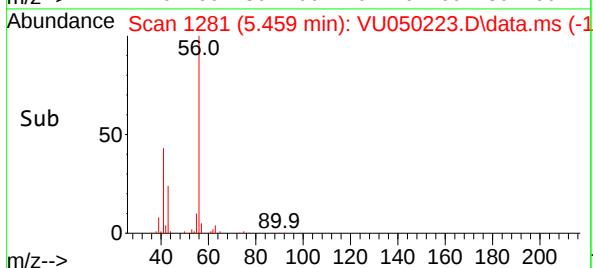
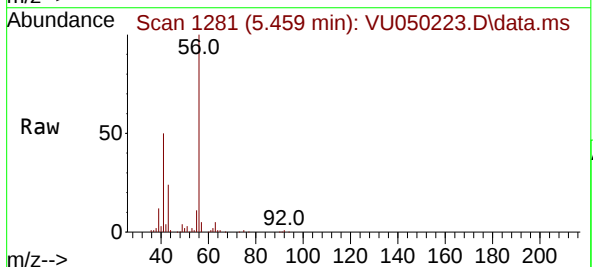
Manual Integrations
APPROVED

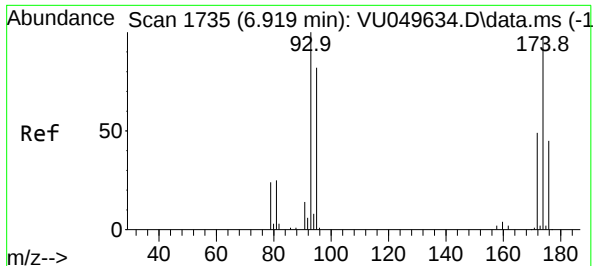
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#42
1-Chlorobutane
Concen: 10.012 ug/l
RT: 5.459 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

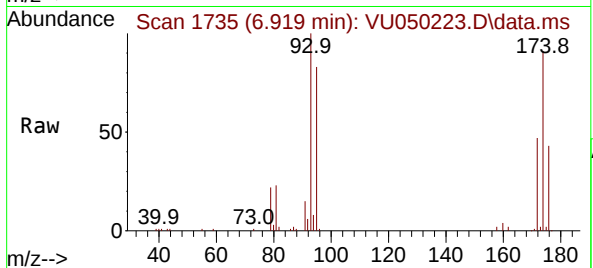
Tgt Ion: 56 Resp: 158388
Ion Ratio Lower Upper
56 100
41 49.3 26.4 79.2





#43
Dibromomethane
Concen: 9.742 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

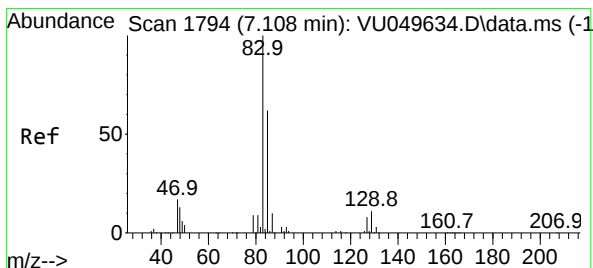
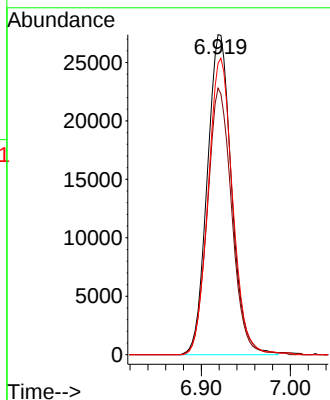
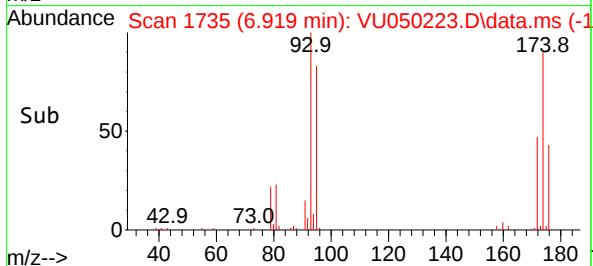
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



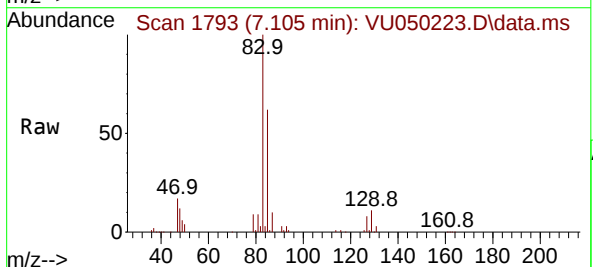
Tgt Ion: 93 Resp: 5191
Ion Ratio Lower Upper
93 100
95 83.4 65.0 97.6
174 93.1 76.3 114.5

Manual Integrations
APPROVED

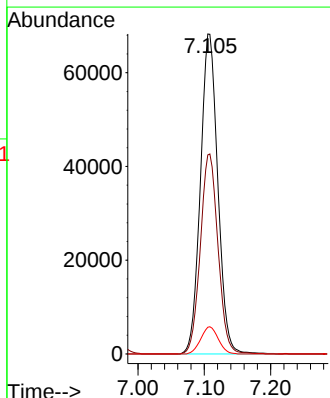
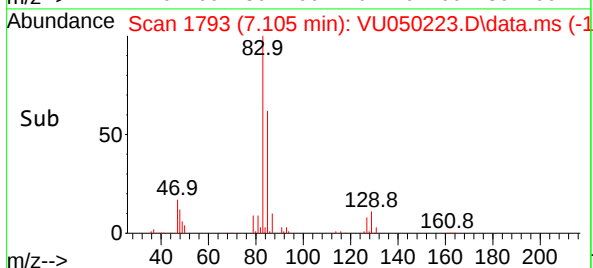
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

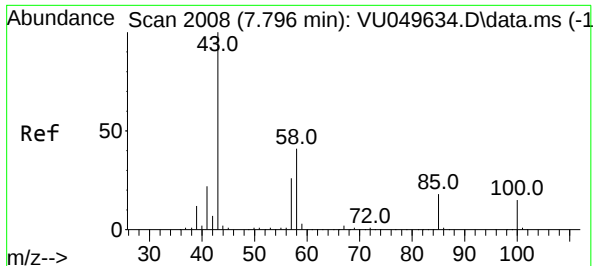


#44
Bromodichloromethane
Concen: 9.945 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10



Tgt Ion: 83 Resp: 124425
Ion Ratio Lower Upper
83 100
85 62.2 49.4 74.0
127 8.3 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 51.337 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU050223.D

Acq: 10 Aug 2022 17:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

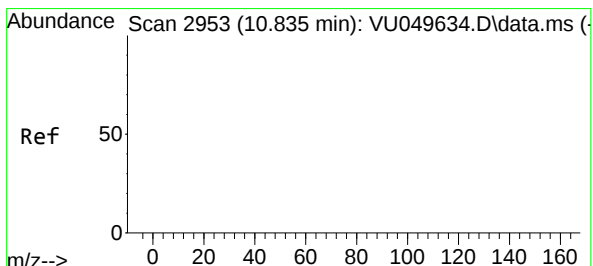
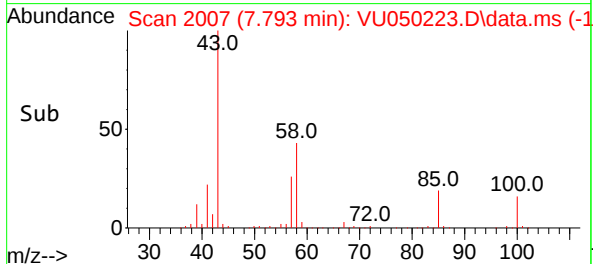
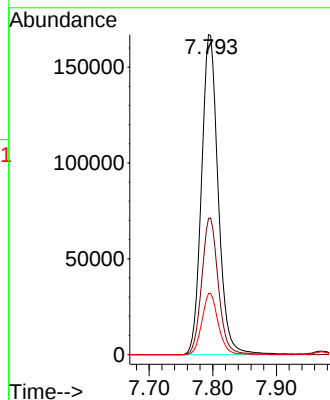
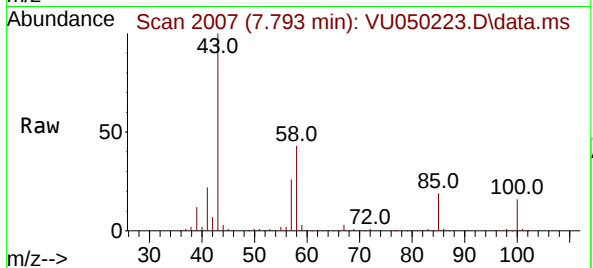
Tgt Ion:	43	Resp:	303540
Ion	Ratio	Lower	Upper
43	100		
58	42.6	20.3	61.0
85	18.8	14.6	21.8

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: 20.320 ug/l m

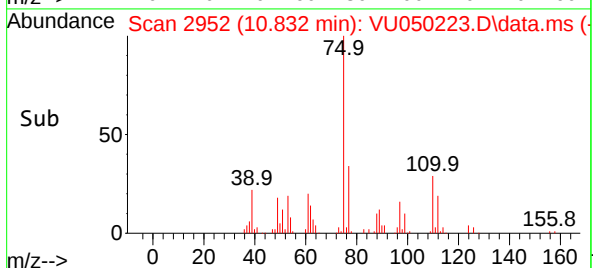
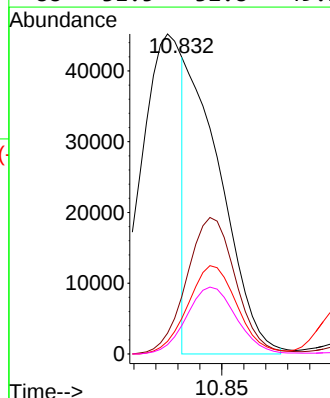
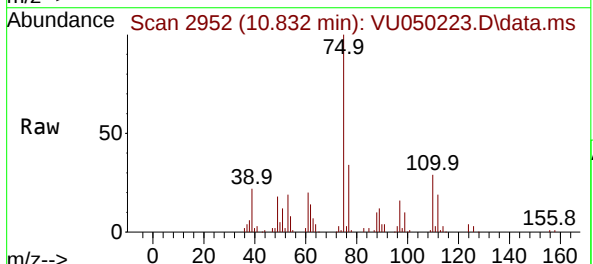
RT: 10.832 min Scan# 2952

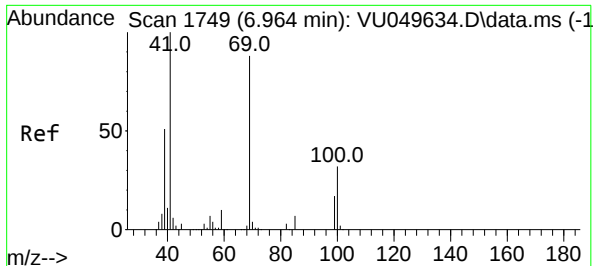
Delta R.T. -0.003 min

Lab File: VU050223.D

Acq: 10 Aug 2022 17:10

Tgt Ion:	75	Resp:	47513
Ion	Ratio	Lower	Upper
75	100		
53	63.5	64.4	96.6#
89	41.3	44.2	66.2#
88	31.5	32.8	49.2#





#47

Methyl methacrylate

Concen: 21.407 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU050223.D

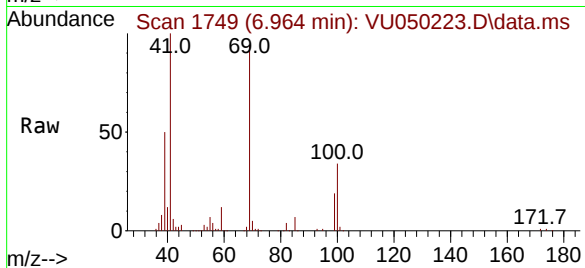
Acq: 10 Aug 2022 17:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 69 Resp: 99062

Ion Ratio Lower Upper

69 100

41 102.2 0.0 225.4

39 51.4 45.8 68.8

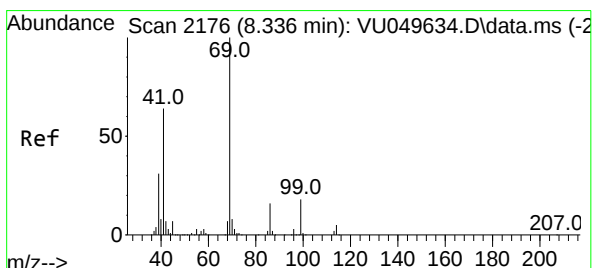
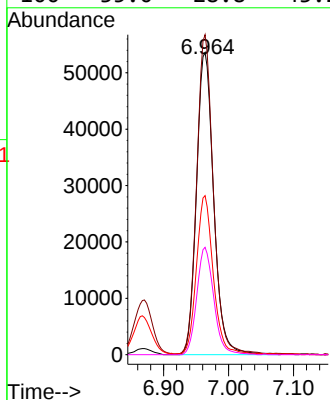
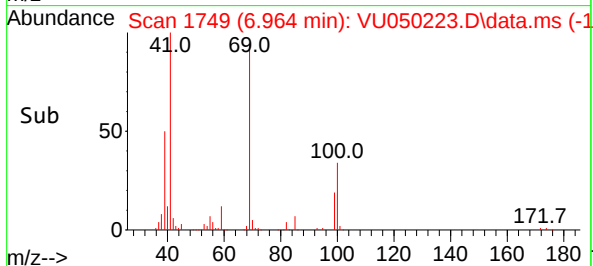
100 35.0 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#48

Ethyl methacrylate

Concen: 10.618 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.001 min

Lab File: VU050223.D

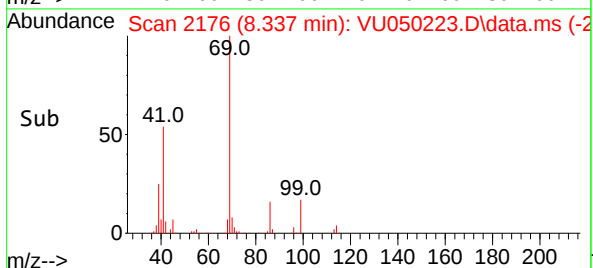
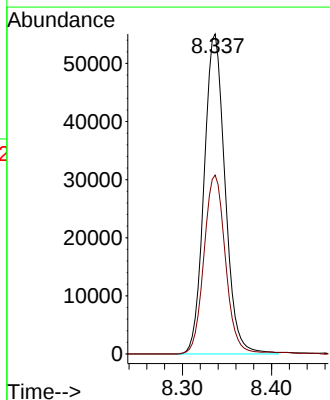
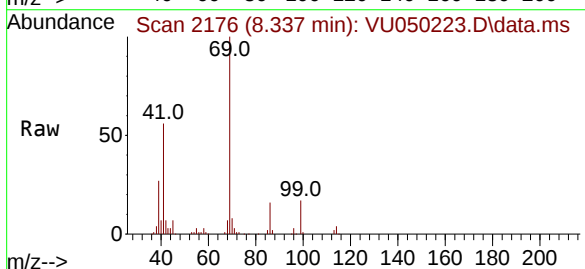
Acq: 10 Aug 2022 17:10

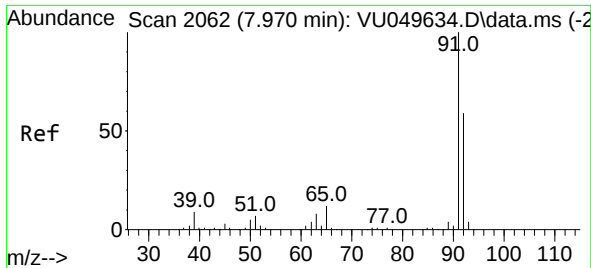
Tgt Ion: 69 Resp: 90105

Ion Ratio Lower Upper

69 100

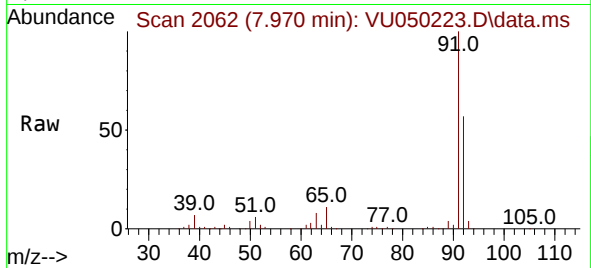
41 57.2 32.3 96.9





#49
Toluene
Concen: 10.473 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

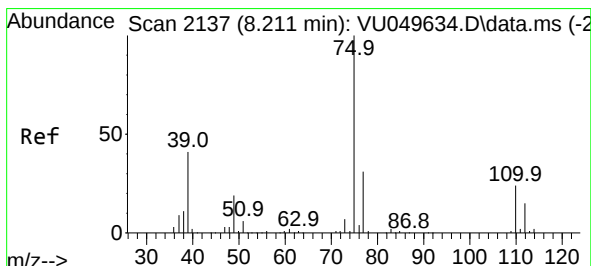
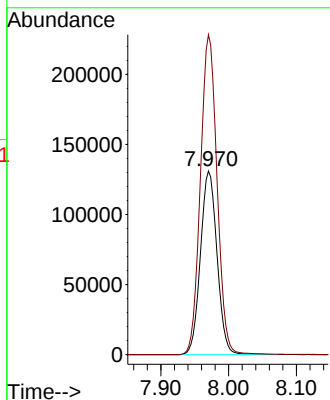
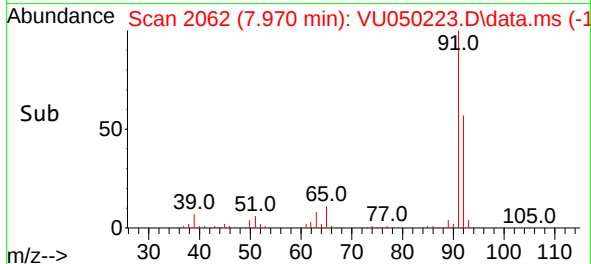
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 92 Resp: 222468
Ion Ratio Lower Upper
92 100
91 175.2 138.6 207.8

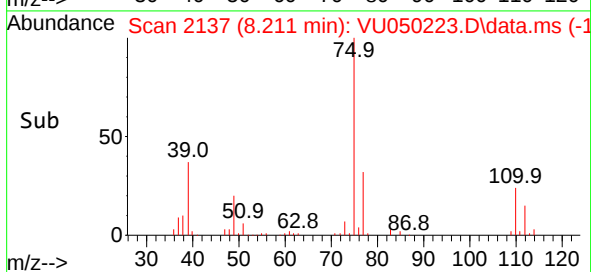
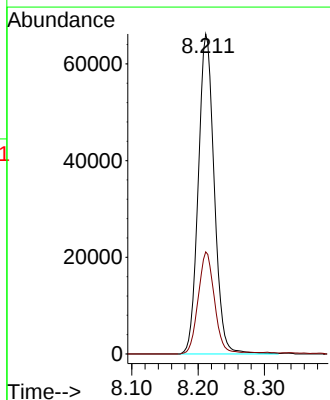
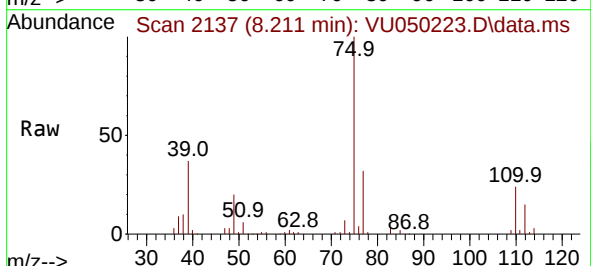
Manual Integrations
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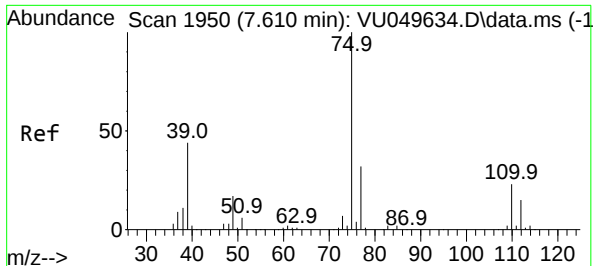
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#50
t-1,3-Dichloropropene
Concen: 10.109 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

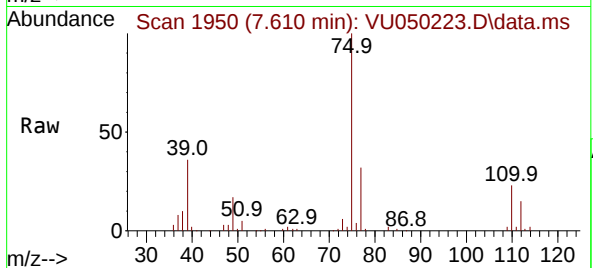
Tgt Ion: 75 Resp: 110741
Ion Ratio Lower Upper
75 100
77 31.9 24.7 37.1





#51
 cis-1,3-Dichloropropene
 Concen: 9.938 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU050223.D
 Acq: 10 Aug 2022 17:10

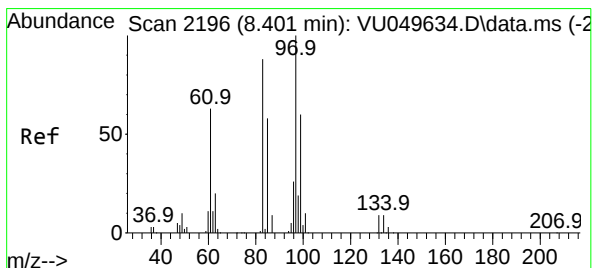
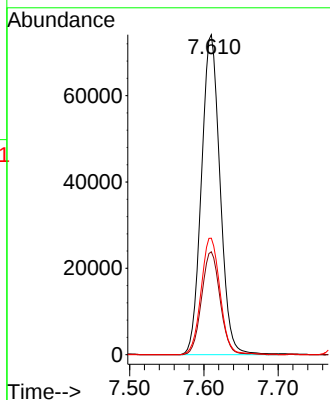
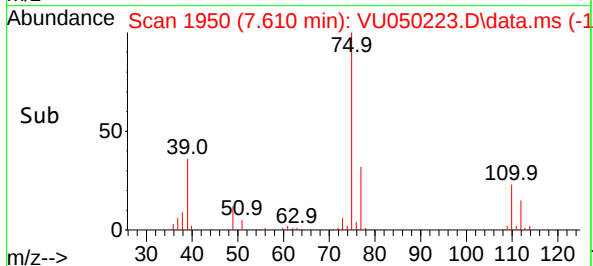
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 75 Resp: 12875
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0
 39 36.4 35.1 52.7

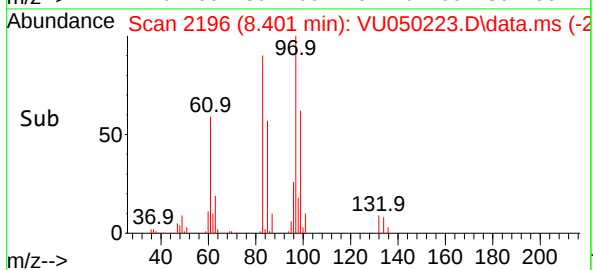
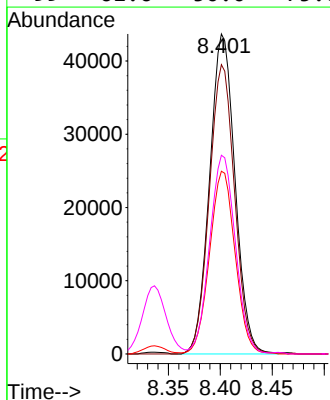
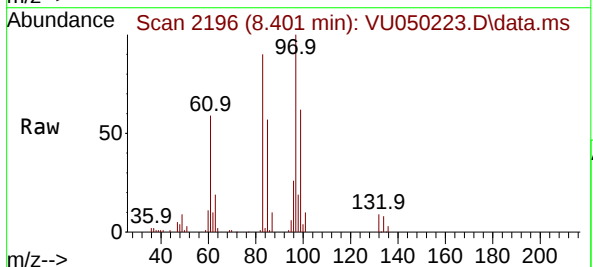
Manual Integrations
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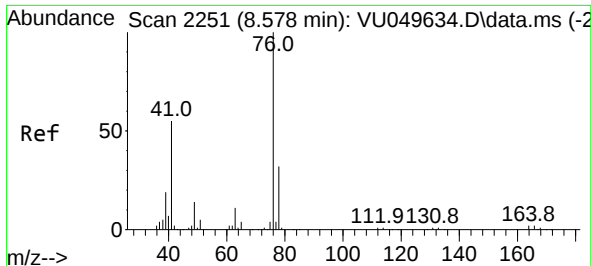
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#52
 1,1,2-Trichloroethane
 Concen: 9.782 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. -0.000 min
 Lab File: VU050223.D
 Acq: 10 Aug 2022 17:10

Tgt Ion: 97 Resp: 74361
 Ion Ratio Lower Upper
 97 100
 83 90.4 70.6 106.0
 85 57.1 46.2 69.4
 99 61.6 50.0 75.0





#53

1,3-Dichloropropane

Concen: 9.943 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU050223.D

Acq: 10 Aug 2022 17:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 76 Resp: 12748

Ion Ratio Lower Upper

76 100

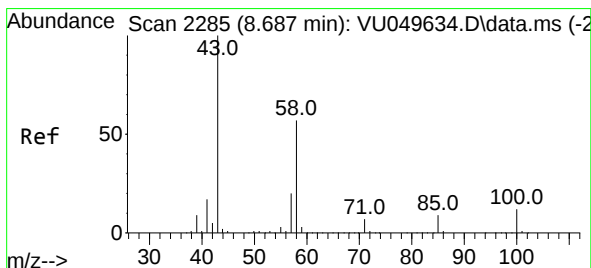
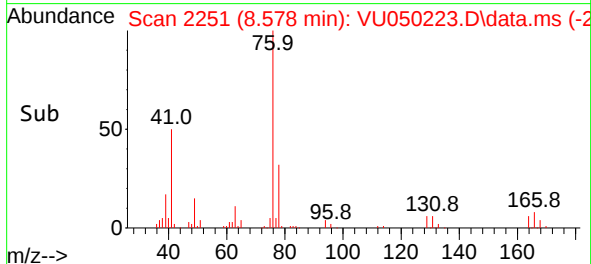
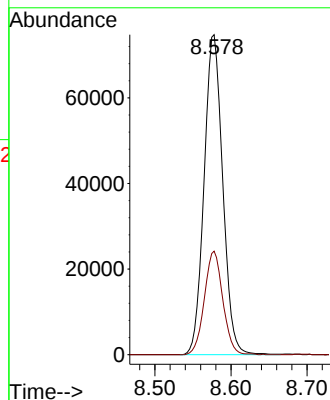
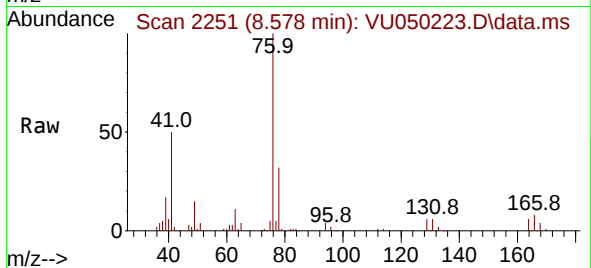
78 31.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#54

2-Hexanone

Concen: 50.634 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU050223.D

Acq: 10 Aug 2022 17:10

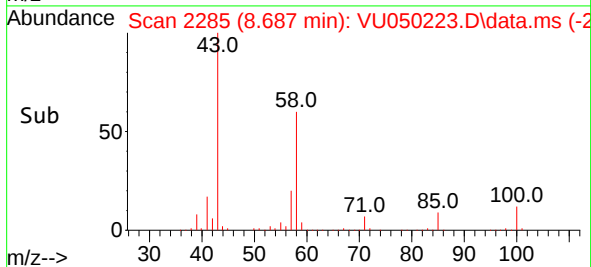
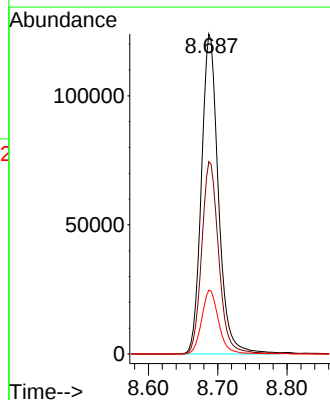
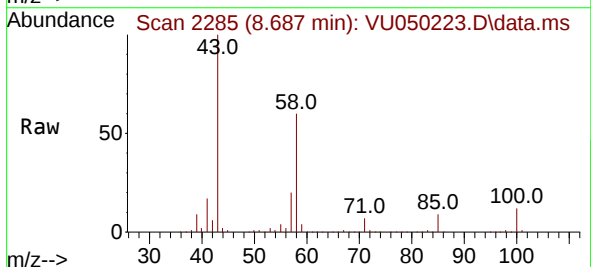
Tgt Ion: 43 Resp: 211223

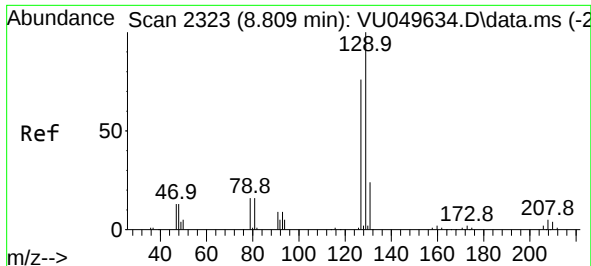
Ion Ratio Lower Upper

43 100

58 60.1 37.1 77.1

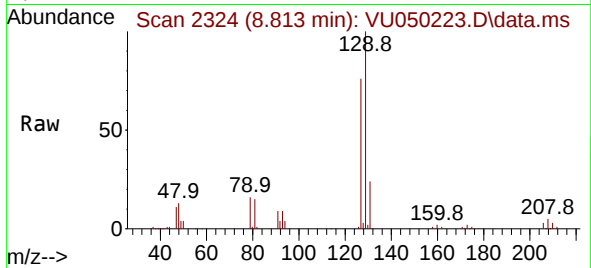
57 19.9 0.0 39.5





#55
Dibromochloromethane
Concen: 9.855 ug/l
RT: 8.813 min Scan# 2323
Delta R.T. 0.004 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

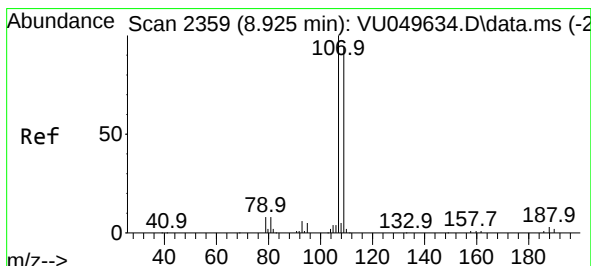
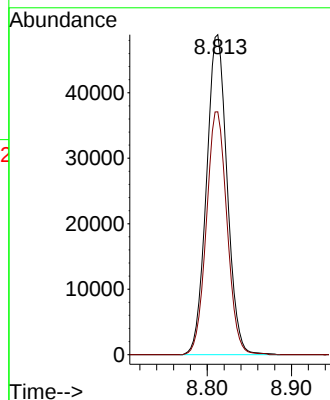
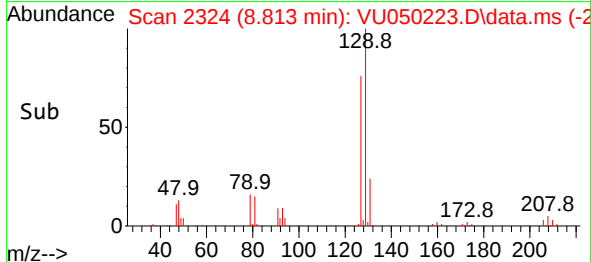
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:129 Resp: 8326
Ion Ratio Lower Upper
129 100
127 75.9 61.2 91.8

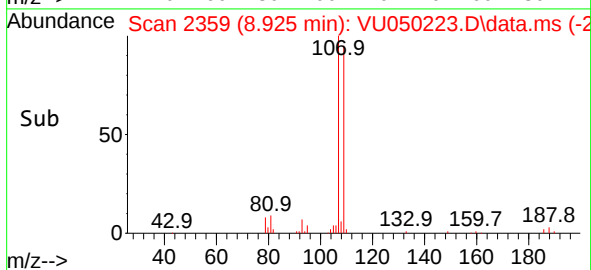
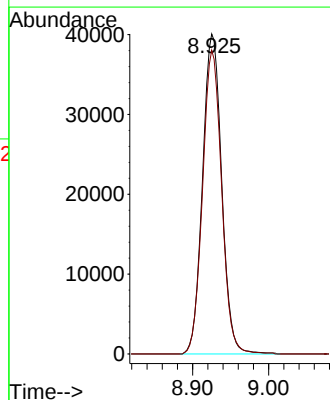
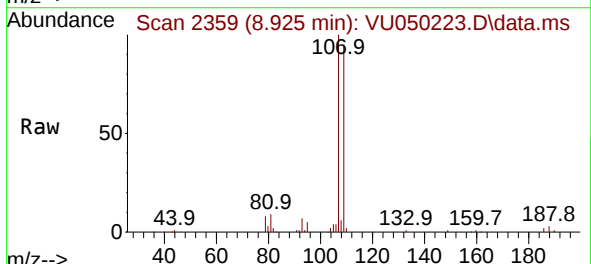
Manual Integrations
APPROVED

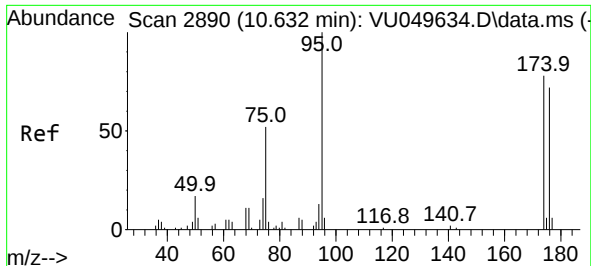
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#56
1,2-Dibromoethane
Concen: 10.036 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

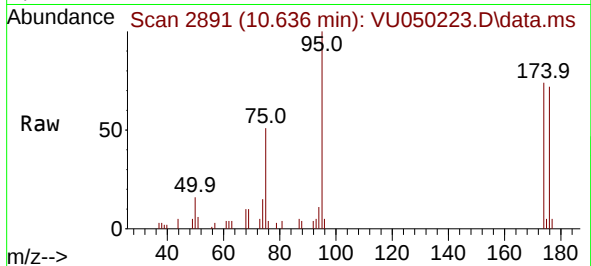
Tgt Ion:107 Resp: 70036
Ion Ratio Lower Upper
107 100
109 94.4 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 1.038 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.004 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

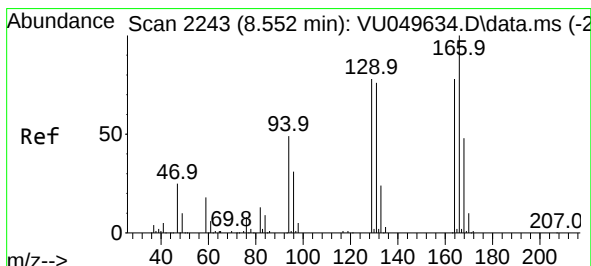
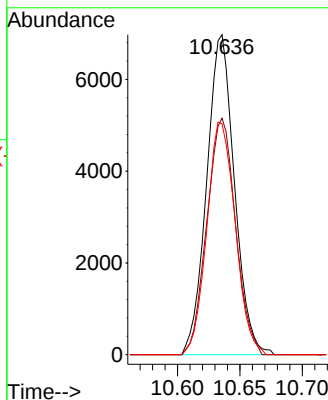
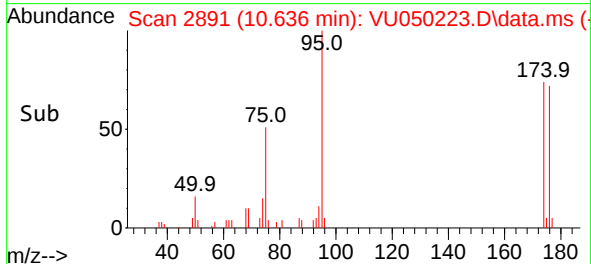
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



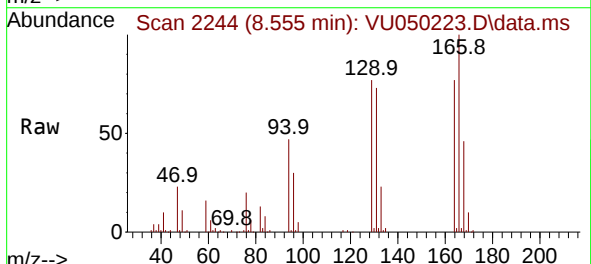
Tgt Ion: 95 Resp: 10828
Ion Ratio Lower Upper
95 100
174 76.3 62.4 93.6
176 74.1 56.2 84.2

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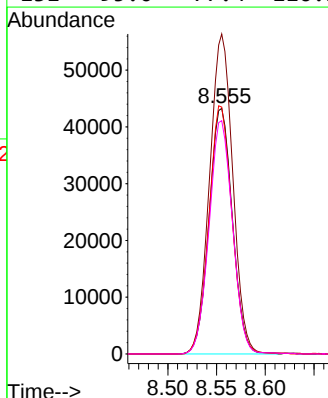
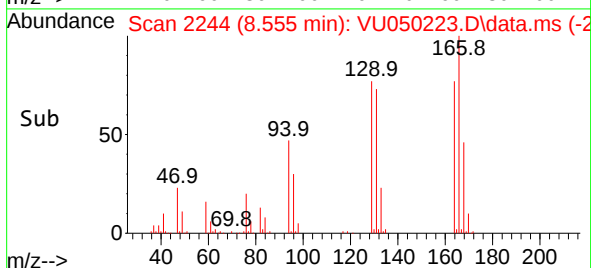
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

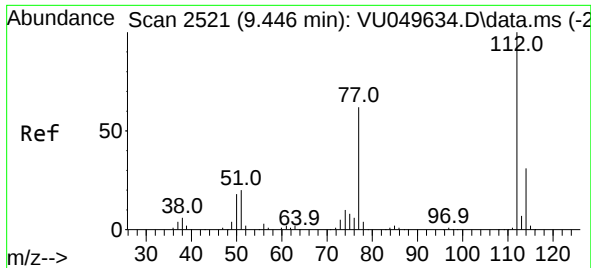


#58
Tetrachloroethene
Concen: 9.548 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10



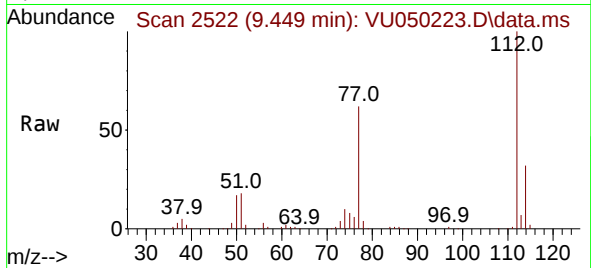
Tgt Ion:164 Resp: 72150
Ion Ratio Lower Upper
164 100
166 130.3 102.4 153.6
129 100.5 79.5 119.3
131 95.0 77.4 116.2





#59
Chlorobenzene
Concen: 10.022 ug/l
RT: 9.449 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

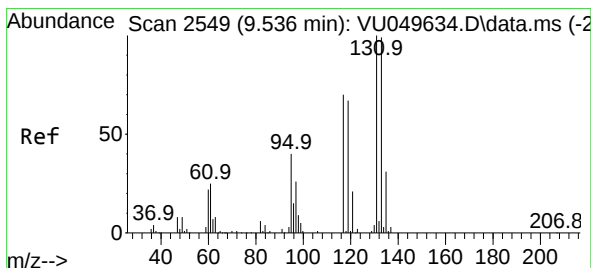
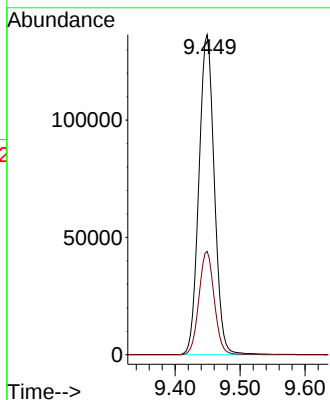
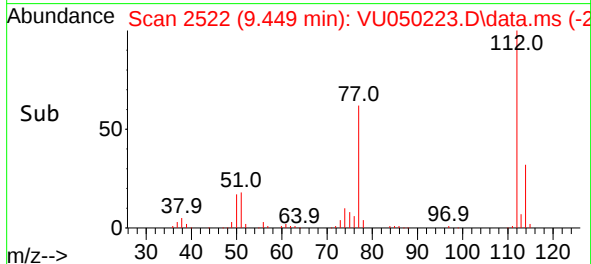
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



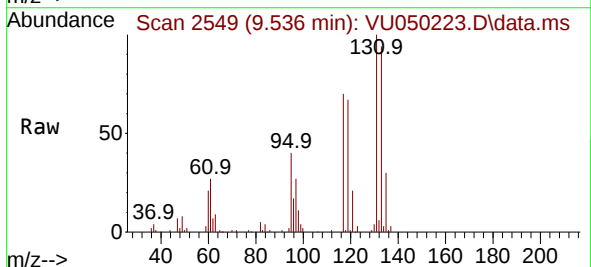
Tgt Ion:112 Resp: 225990
Ion Ratio Lower Upper
112 100
114 32.3 24.9 37.3

Manual Integrations
APPROVED

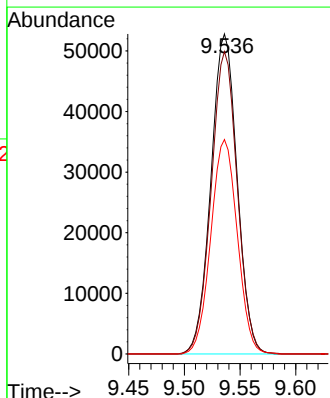
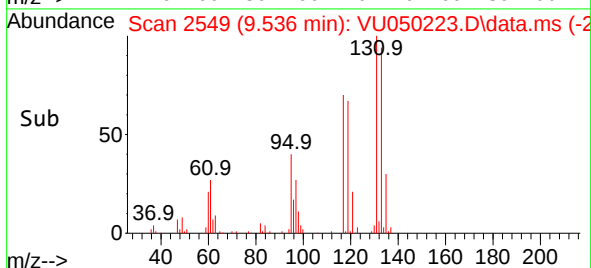
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

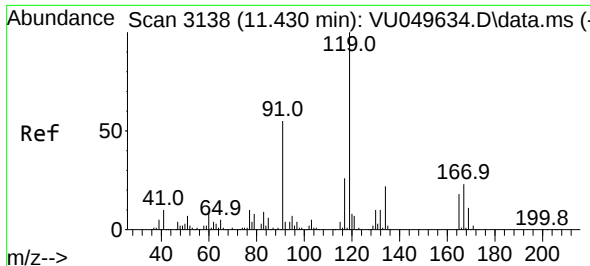


#60
1,1,1,2-Tetrachloroethane
Concen: 9.772 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10



Tgt Ion:131 Resp: 86337
Ion Ratio Lower Upper
131 100
133 94.5 78.3 117.5
119 67.7 53.2 79.8





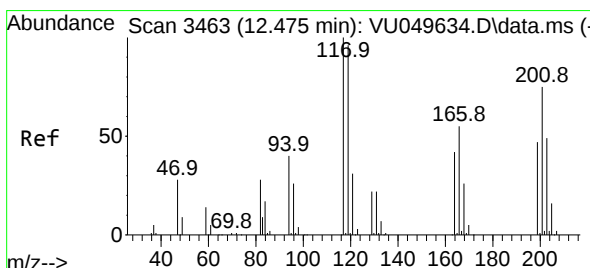
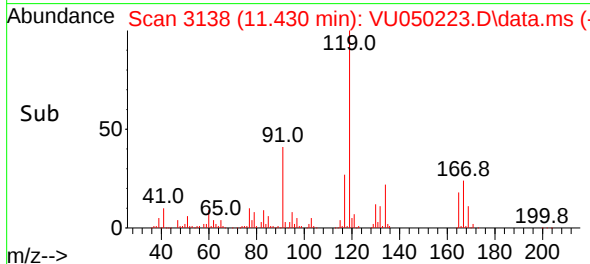
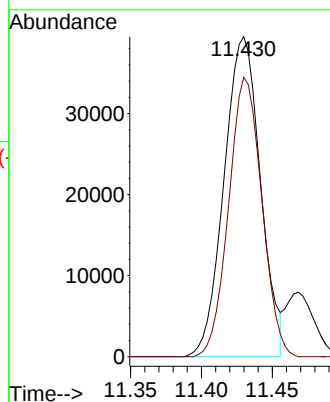
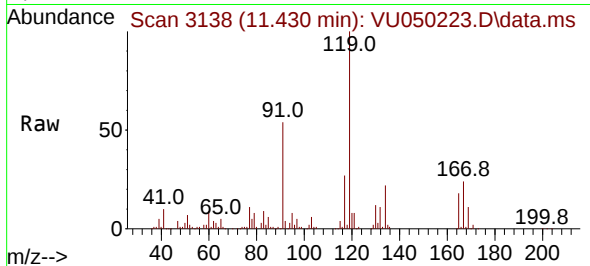
#61
 Pentachloroethane
 Concen: 9.827 ug/l
 RT: 11.430 min Scan# 3138
 Delta R.T. -0.000 min
 Lab File: VU050223.D
 Acq: 10 Aug 2022 17:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:117 Resp: 70452
 Ion Ratio Lower Upper
 117 100
 167 79.6 66.2 99.4

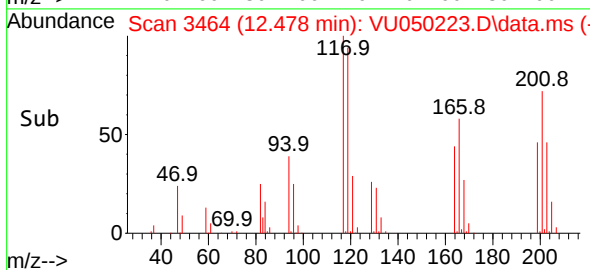
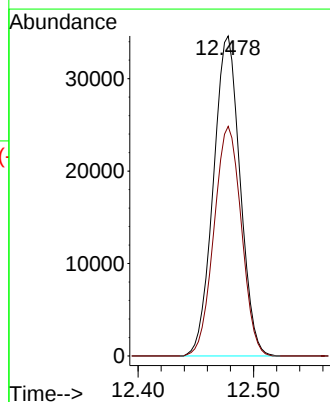
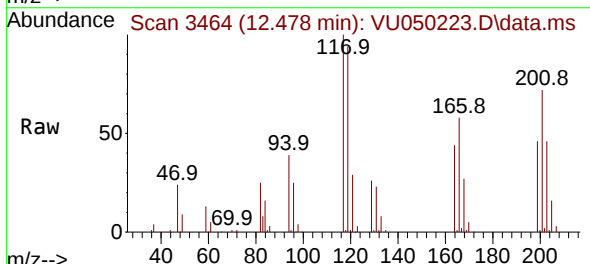
Manual Integrations
 APPROVED

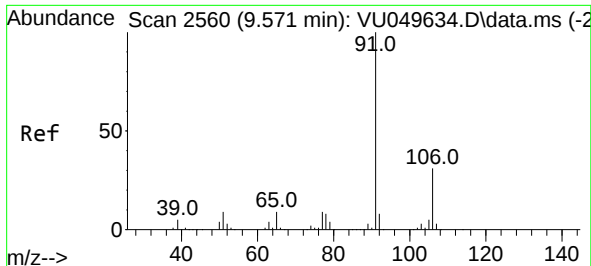
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#62
 Hexachloroethane
 Concen: 9.825 ug/l
 RT: 12.478 min Scan# 3464
 Delta R.T. 0.003 min
 Lab File: VU050223.D
 Acq: 10 Aug 2022 17:10

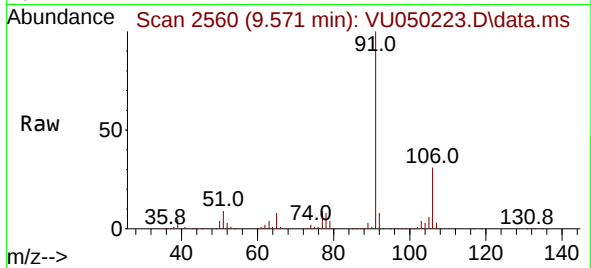
Tgt Ion:117 Resp: 55607
 Ion Ratio Lower Upper
 117 100
 201 73.5 61.0 91.4





#63
Ethyl Benzene
Concen: 10.701 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

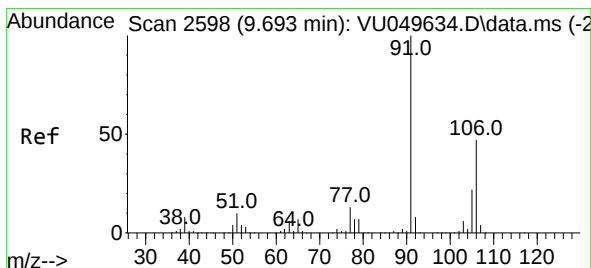
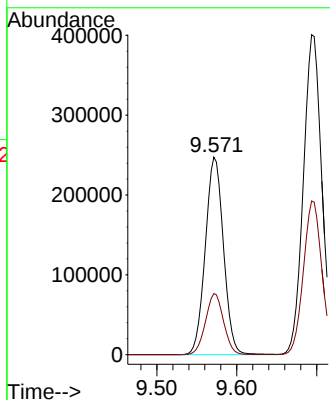
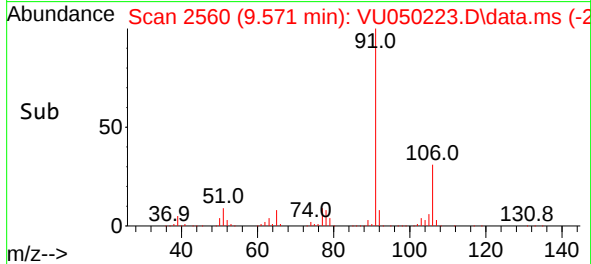
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



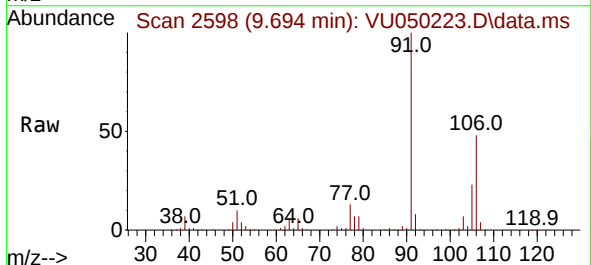
Tgt Ion: 91 Resp: 391778
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6

Manual Integrations
APPROVED

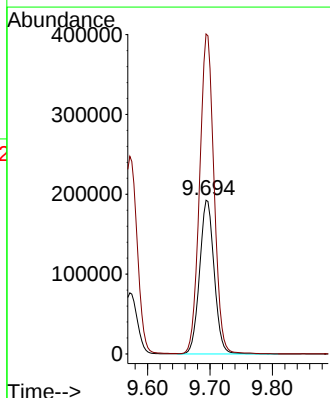
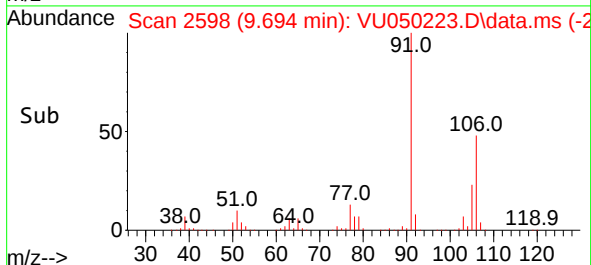
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

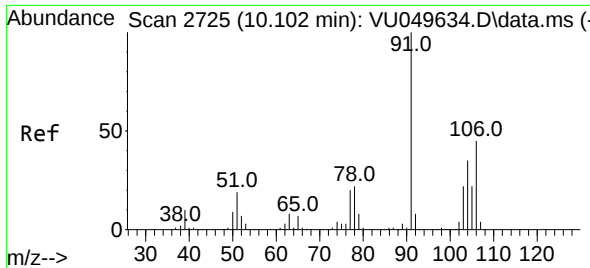


#64
m/p-Xylenes
Concen: 22.471 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.001 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10



Tgt Ion:106 Resp: 312524
Ion Ratio Lower Upper
106 100
91 206.3 167.8 251.6





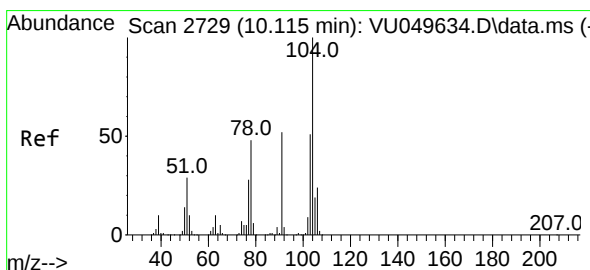
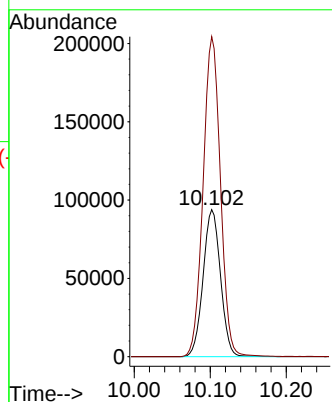
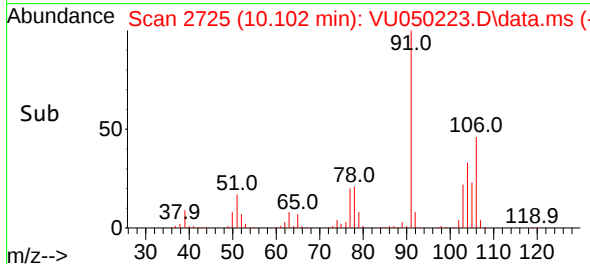
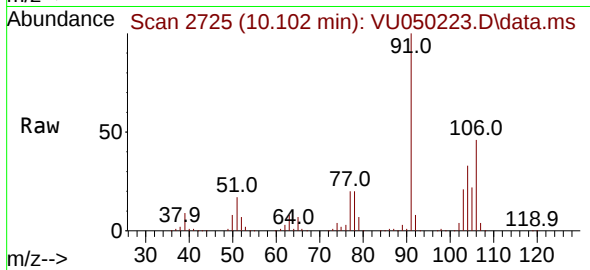
#65
o-Xylene
Concen: 10.998 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 149402
Ion Ratio Lower Upper
106 100
91 216.6 111.1 333.2

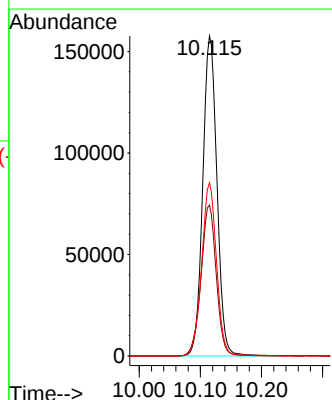
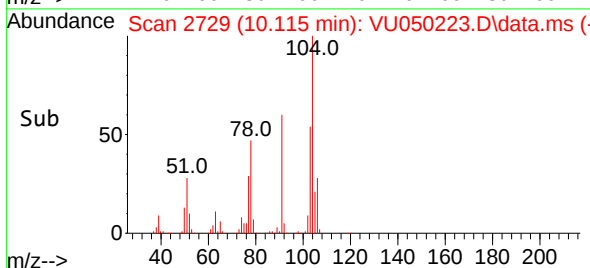
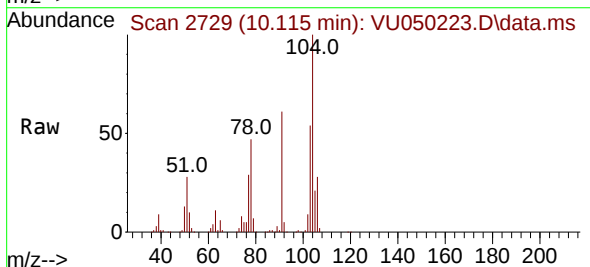
Manual Integrations
APPROVED

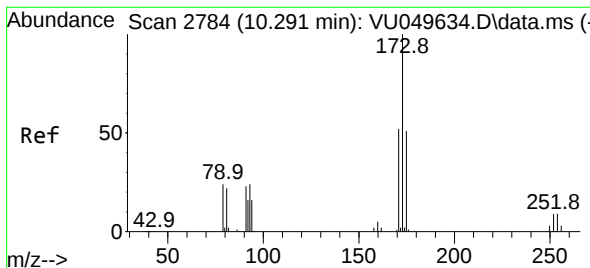
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#66
Styrene
Concen: 11.733 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

Tgt Ion:104 Resp: 254444
Ion Ratio Lower Upper
104 100
78 50.2 42.1 63.1
103 56.7 44.5 66.7





#67

Bromoform

Concen: 9.699 ug/l

RT: 10.292 min Scan# 21

Delta R.T. 0.001 min

Lab File: VU050223.D

Acq: 10 Aug 2022 17:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

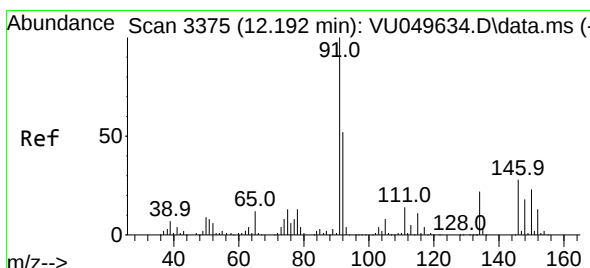
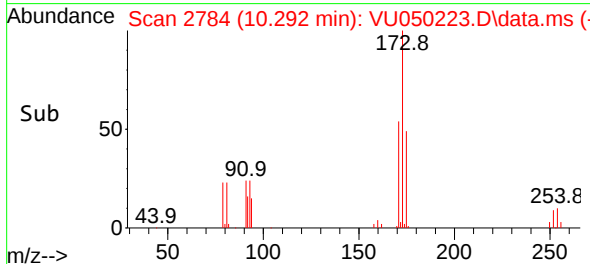
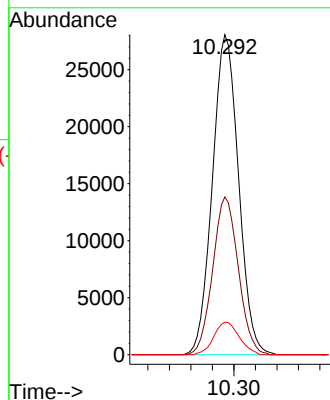
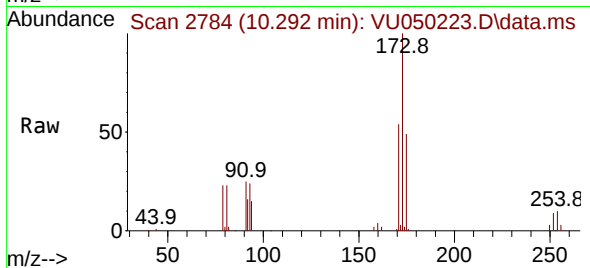
Tgt Ion:	173	Resp:	47360
Ion Ratio	Lower	Upper	
173	100		
175	48.2	38.4	57.6
254	9.8	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#68

1,2-Dichlorobenzene-d4

Concen: 1.020 ug/l

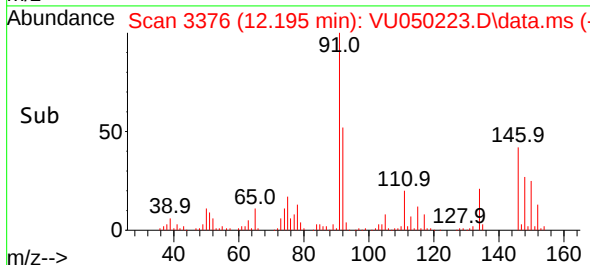
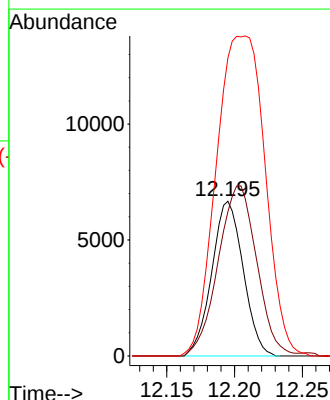
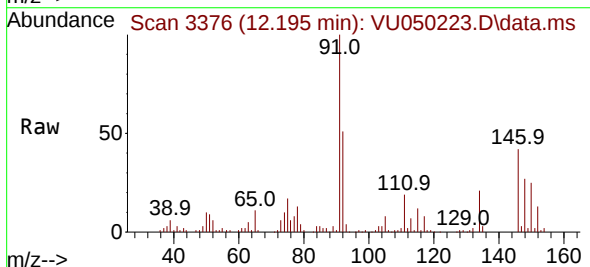
RT: 12.195 min Scan# 3376

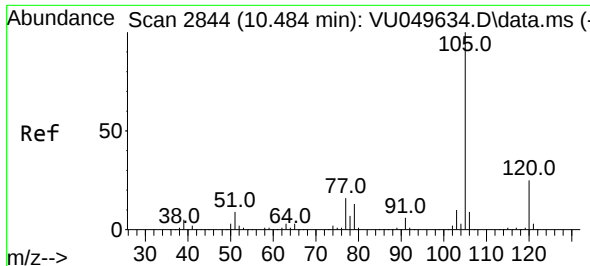
Delta R.T. 0.003 min

Lab File: VU050223.D

Acq: 10 Aug 2022 17:10

Tgt Ion:	152	Resp:	10754
Ion Ratio	Lower	Upper	
152	100		
115	134.9	0.0	254.6
150	320.3	0.0	623.6





#69
Isopropylbenzene
Concen: 10.706 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.001 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

Instrument :

MSVOA_U

ClientSampleId :

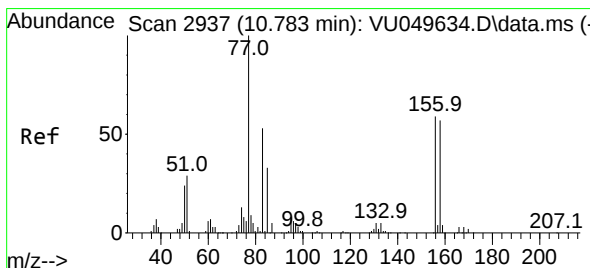
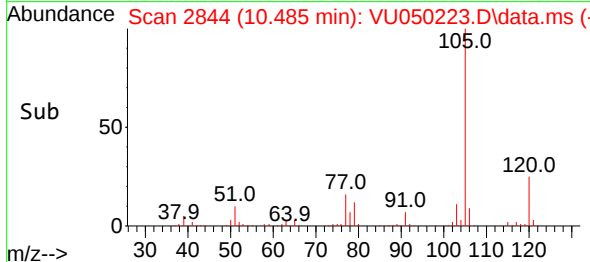
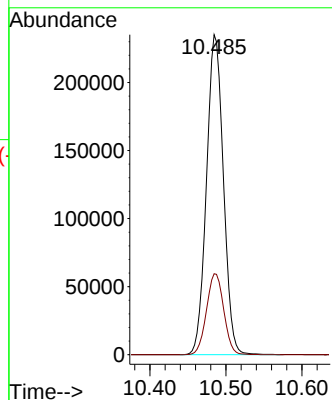
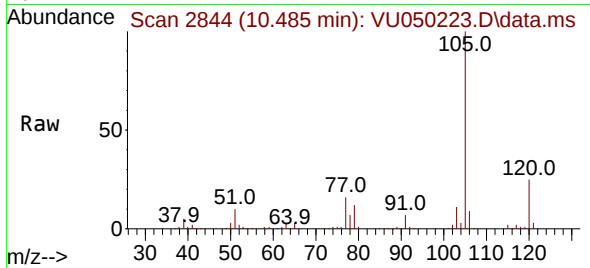
VSTDCCC010EC

Tgt Ion:105 Resp: 363229
Ion Ratio Lower Upper
105 100
120 25.8 12.6 37.8

Manual Integrations

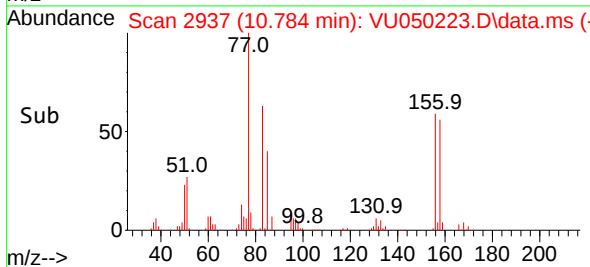
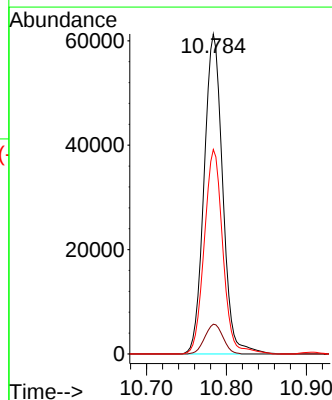
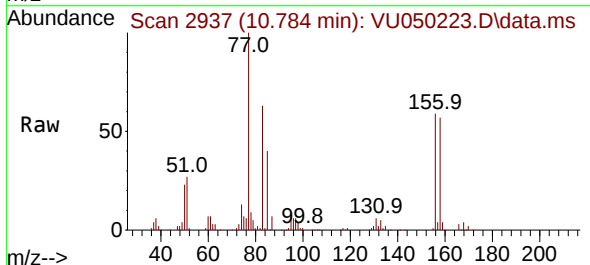
APPROVED

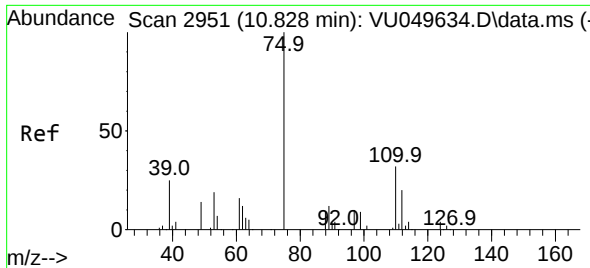
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 9.699 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.001 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

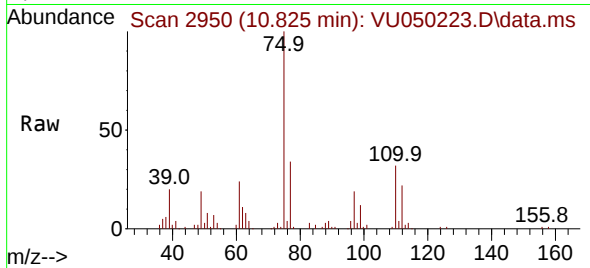
Tgt Ion: 83 Resp: 99177
Ion Ratio Lower Upper
83 100
131 9.1 7.7 11.5
85 63.8 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 10.901 ug/l m
RT: 10.825 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

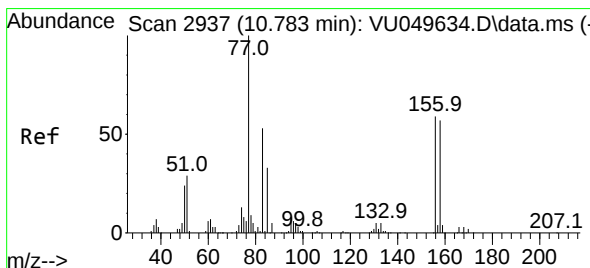
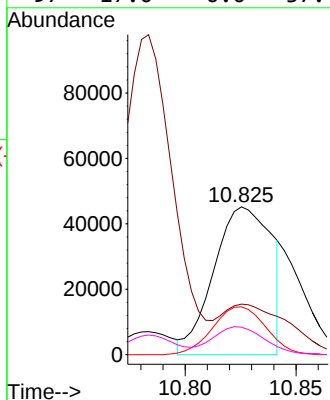
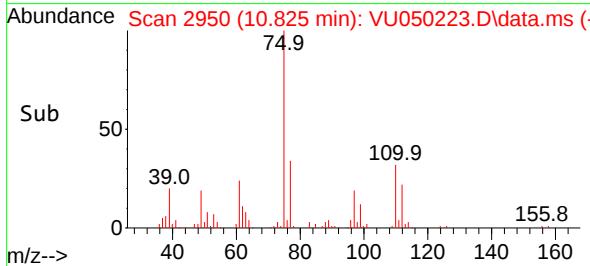
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



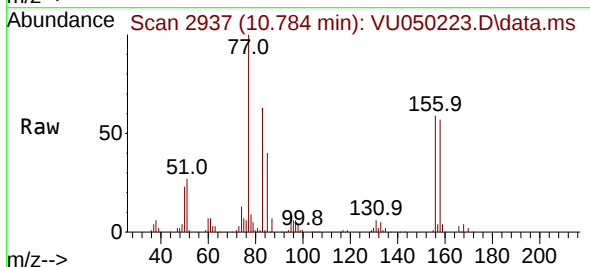
Tgt Ion:	75	Resp:	8184
Ion Ratio	Lower	Upper	
75	100		
77	39.4	0.0	112.4
110	30.0	0.0	70.6
97	17.0	0.0	37.4

Manual Integrations
APPROVED

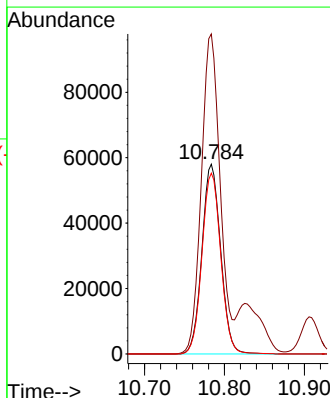
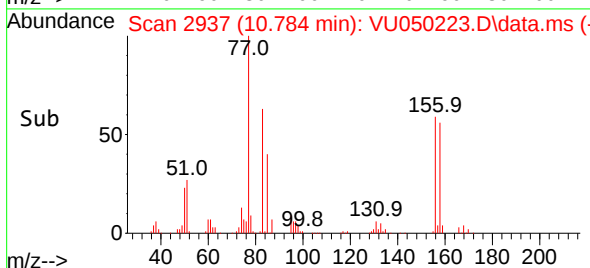
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

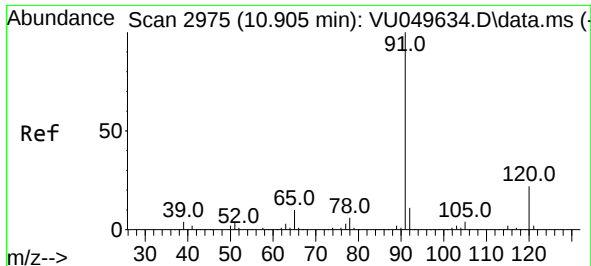


#72
Bromobenzene
Concen: 10.231 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.001 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10



Tgt Ion:	156	Resp:	94625
Ion Ratio	Lower	Upper	
156	100		
77	169.9	0.0	344.4
158	95.8	0.0	192.2





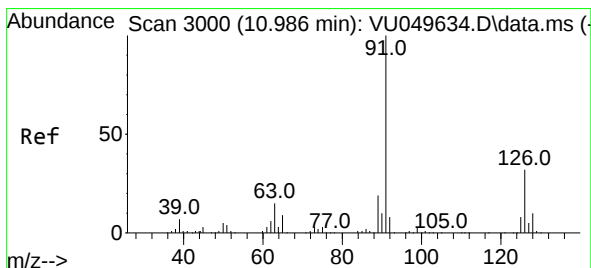
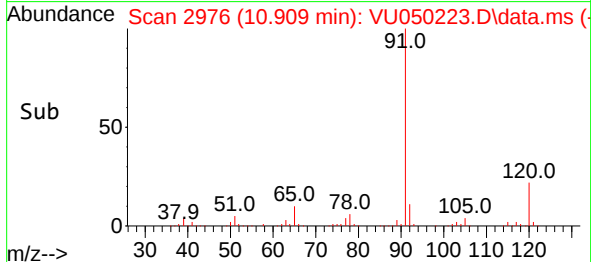
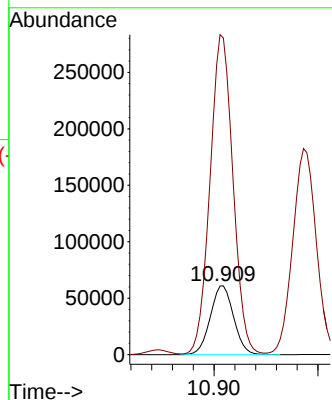
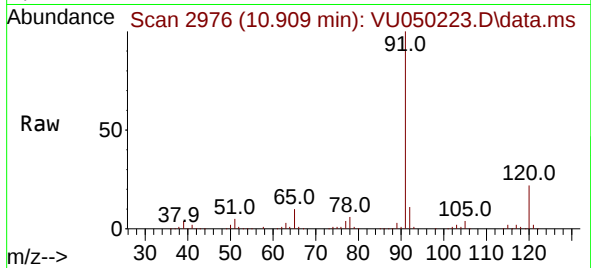
#73
n-propylbenzene
Concen: 11.266 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.004 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:120 Resp: 94915
Ion Ratio Lower Upper
120 100
91 456.0 367.8 551.6

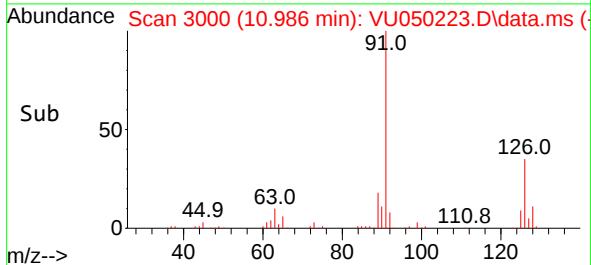
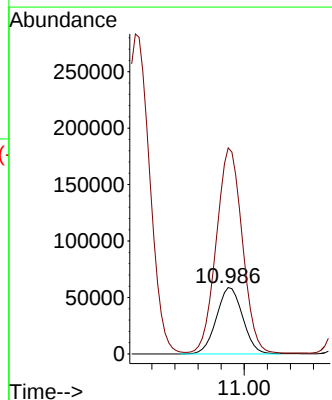
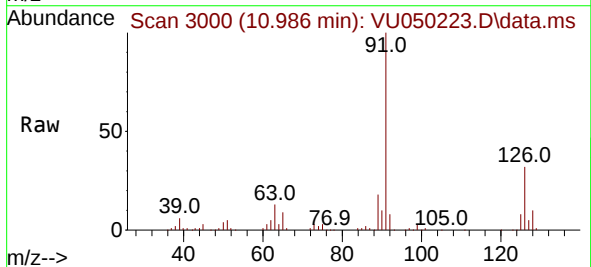
Manual Integrations
APPROVED

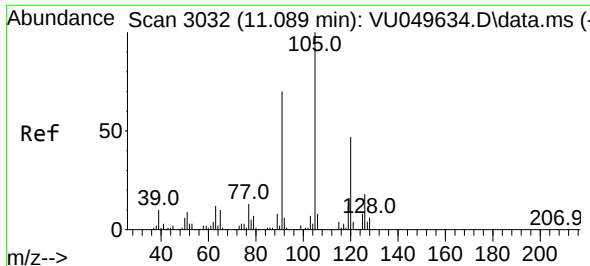
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#74
2-Chlorotoluene
Concen: 10.706 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

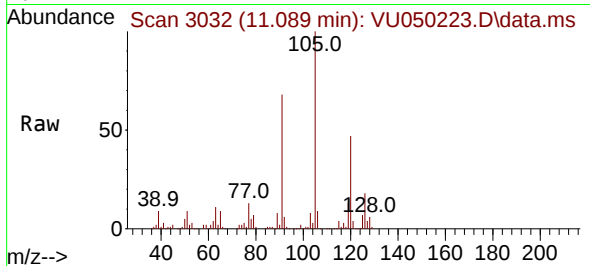
Tgt Ion:126 Resp: 92596
Ion Ratio Lower Upper
126 100
91 306.3 0.0 620.6





#75
1,3,5-Trimethylbenzene
Concen: 11.272 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

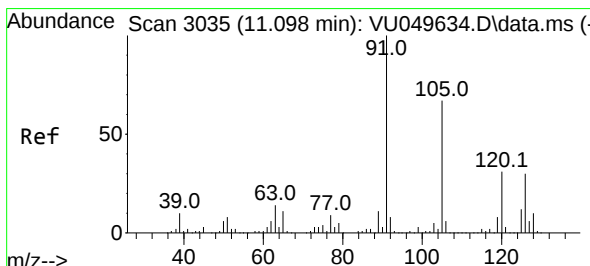
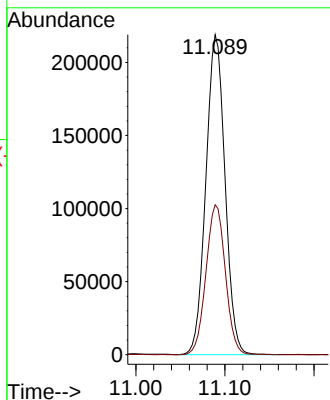
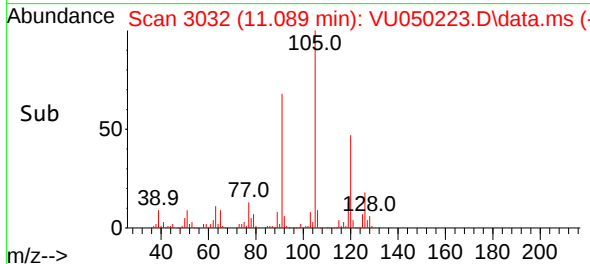
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



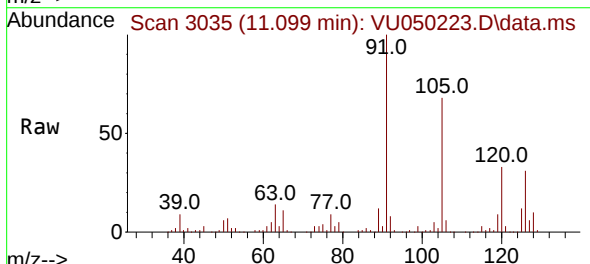
Tgt Ion:105 Resp: 32610
Ion Ratio Lower Upper
105 100
120 47.5 37.6 56.4

Manual Integrations
APPROVED

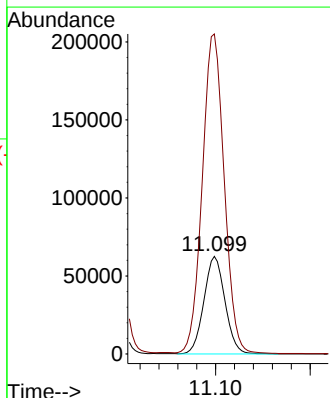
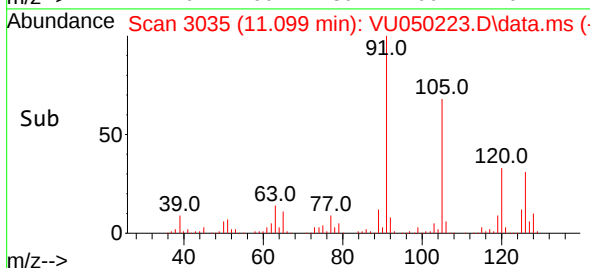
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

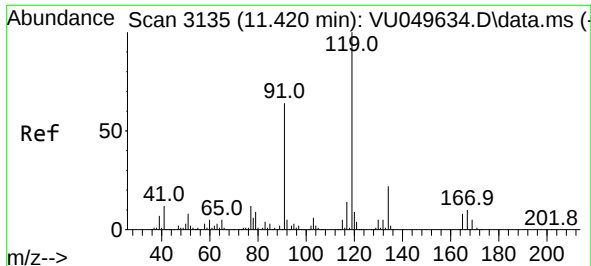


#76
4-Chlorotoluene
Concen: 11.301 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.001 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10



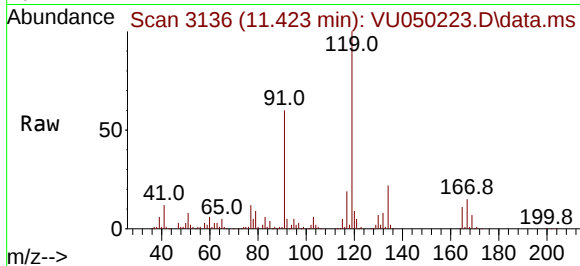
Tgt Ion:126 Resp: 96728
Ion Ratio Lower Upper
126 100
91 341.2 0.0 738.8





#77
tert-Butylbenzene
Concen: 10.435 ug/l
RT: 11.423 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

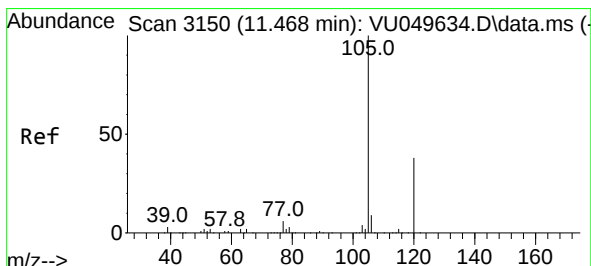
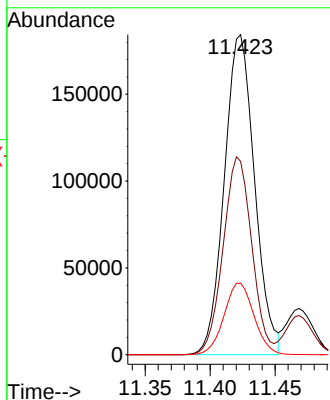
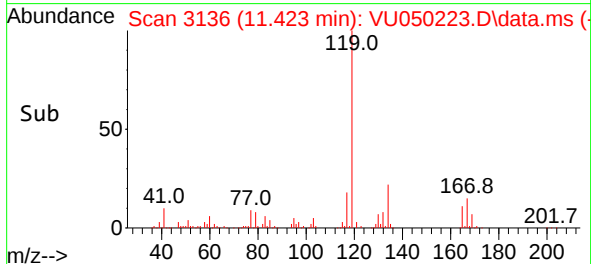
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 299420
Ion Ratio Lower Upper
119 100
91 58.5 30.4 91.3
134 22.1 17.8 26.6

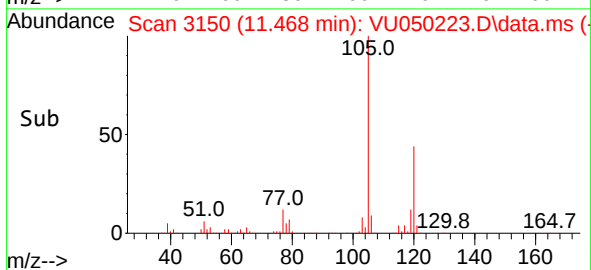
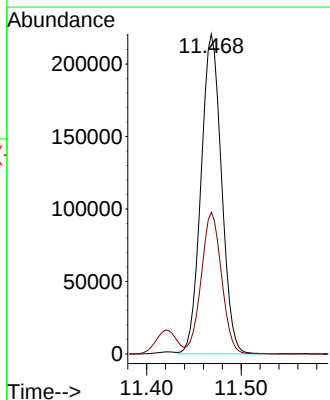
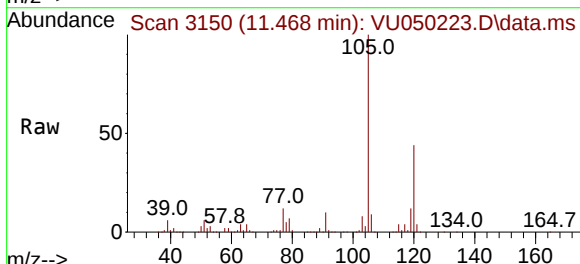
Manual Integrations
APPROVED

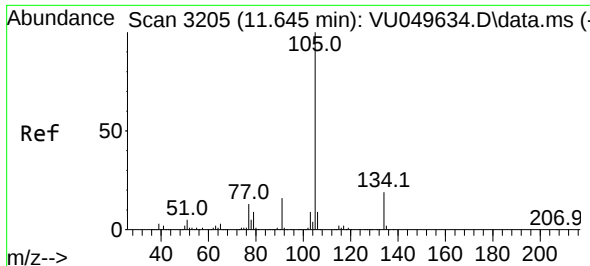
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#78
1,2,4-Trimethylbenzene
Concen: 11.217 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

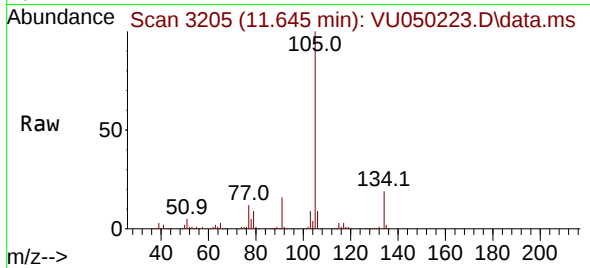
Tgt Ion:105 Resp: 330855
Ion Ratio Lower Upper
105 100
120 44.2 21.6 65.0





#79
 sec-Butylbenzene
 Concen: 10.624 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU050223.D
 Acq: 10 Aug 2022 17:10

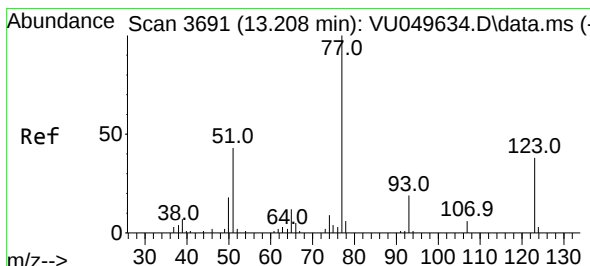
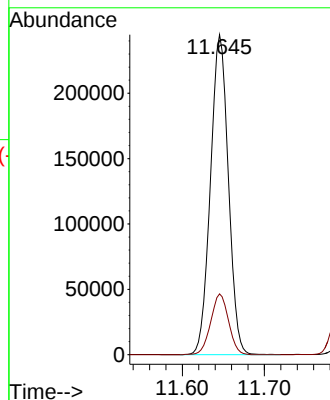
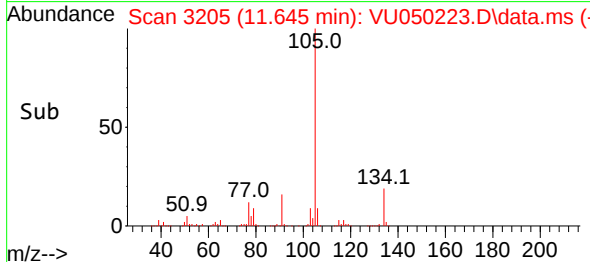
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



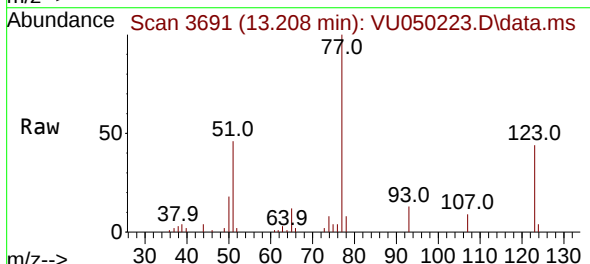
Tgt Ion:105 Resp: 37032
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.4 23.0

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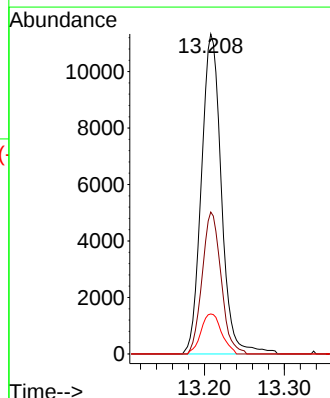
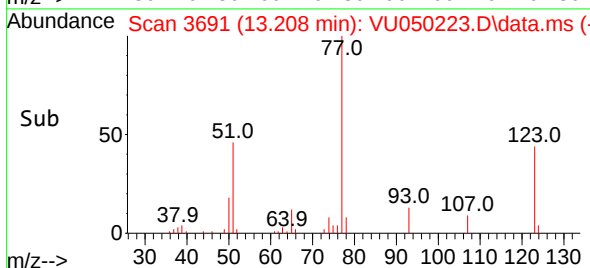
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

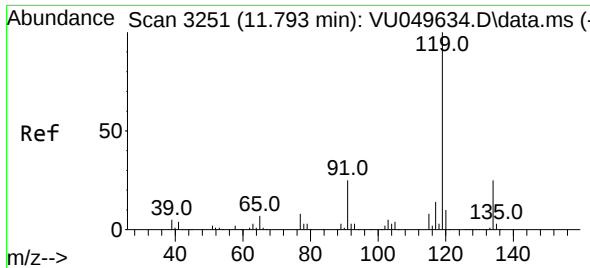


#80
 Nitrobenzene
 Concen: 49.146 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. -0.000 min
 Lab File: VU050223.D
 Acq: 10 Aug 2022 17:10



Tgt Ion: 77 Resp: 19691
 Ion Ratio Lower Upper
 77 100
 123 41.9 18.1 64.3
 65 12.9 10.8 13.8





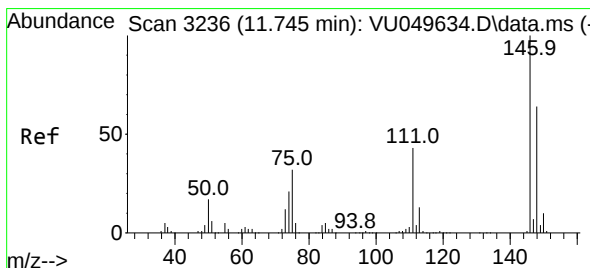
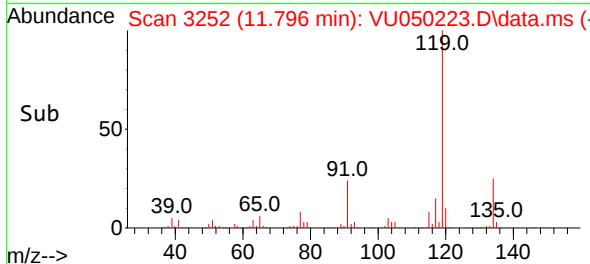
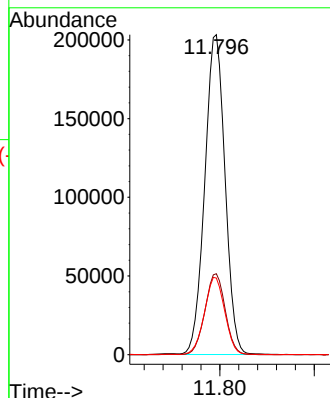
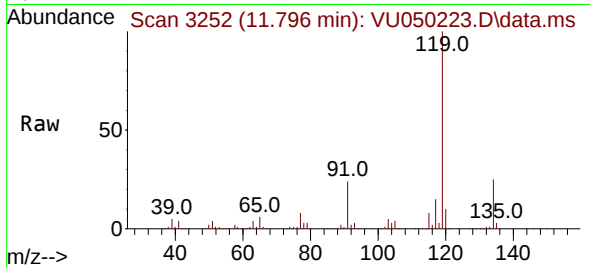
#81
p-Isopropyltoluene
Concen: 10.943 ug/l
RT: 11.796 min Scan# 302352
Delta R.T. 0.003 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 302352
Ion Ratio Lower Upper
119 100
134 25.3 20.5 30.7
91 24.4 19.8 29.6

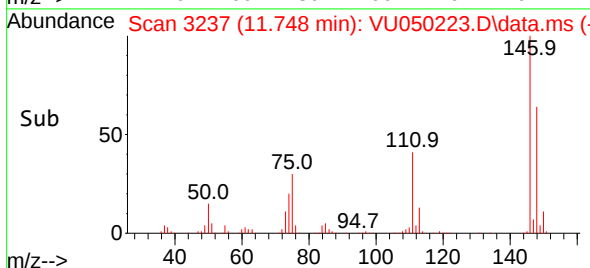
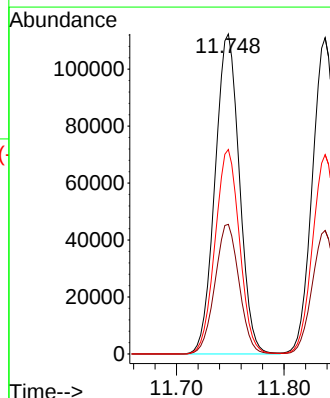
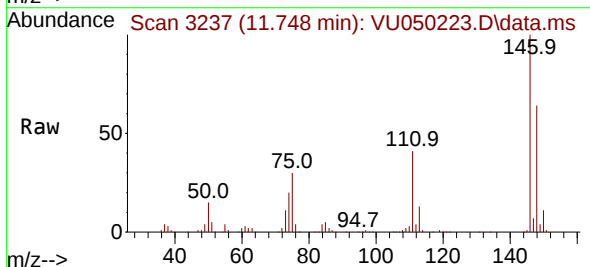
Manual Integrations
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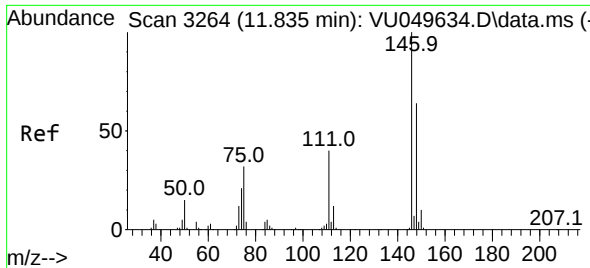
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#82
1,3-Dichlorobenzene
Concen: 10.086 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

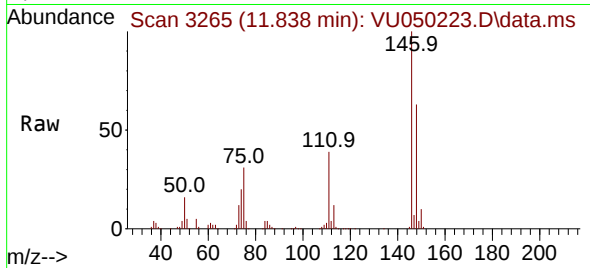
Tgt Ion:146 Resp: 176890
Ion Ratio Lower Upper
146 100
111 40.3 33.4 50.2
148 64.1 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 10.313 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

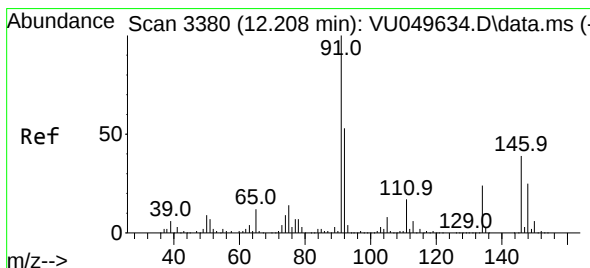
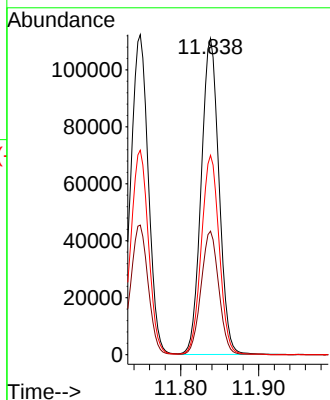
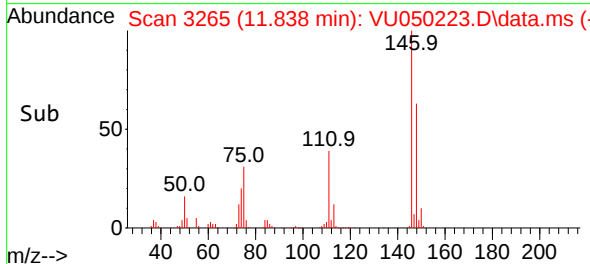
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



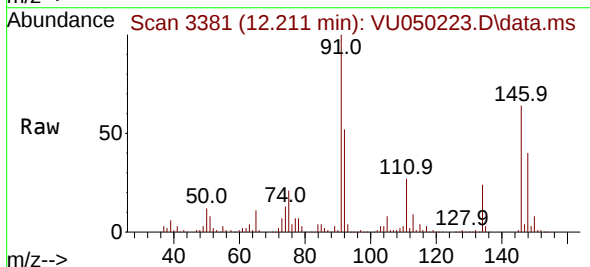
Tgt Ion:146 Resp: 175710
Ion Ratio Lower Upper
146 100
111 38.5 32.6 49.0
148 62.9 51.6 77.4

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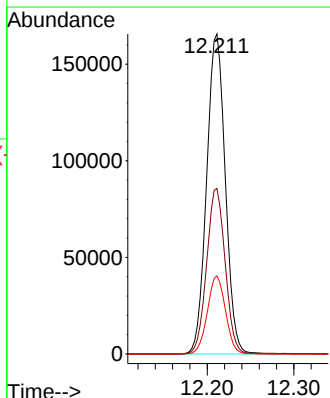
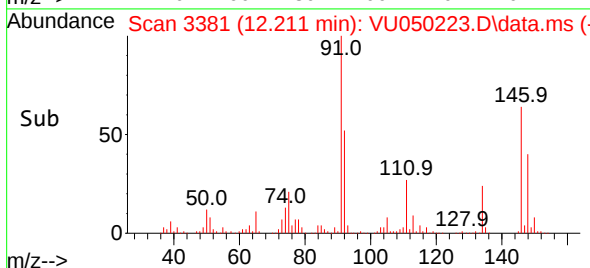
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

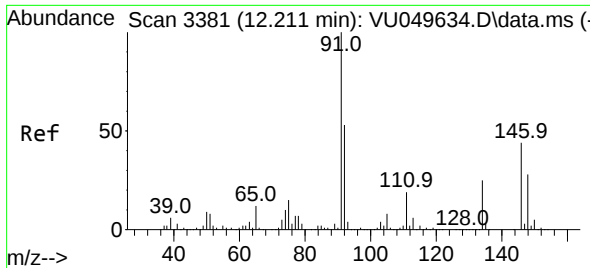


#84
n-Butylbenzene
Concen: 10.308 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10



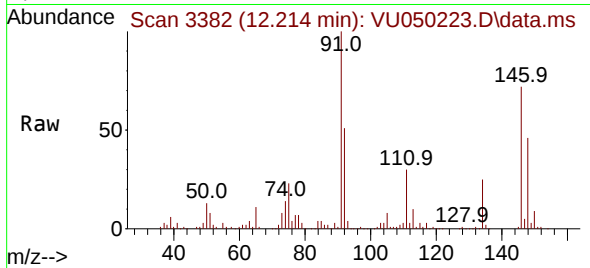
Tgt Ion: 91 Resp: 247640
Ion Ratio Lower Upper
91 100
92 51.3 42.3 63.5
134 23.7 19.6 29.4





#85
 1,2-Dichlorobenzene
 Concen: 10.246 ug/l
 RT: 12.214 min Scan# 3381
 Delta R.T. 0.003 min
 Lab File: VU050223.D
 Acq: 10 Aug 2022 17:10

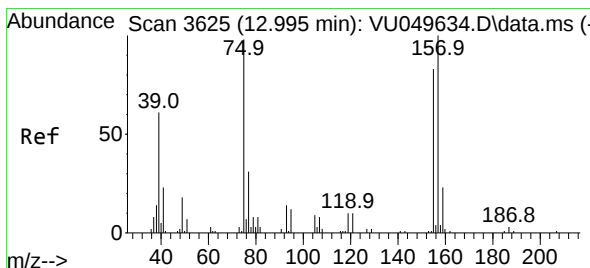
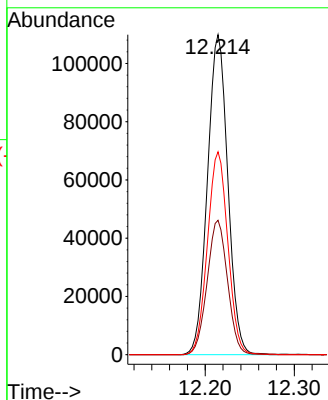
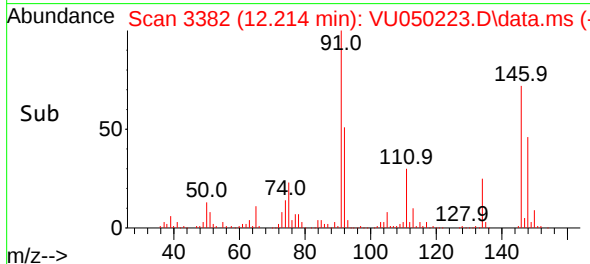
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:146 Resp: 174260
 Ion Ratio Lower Upper
 146 100
 111 42.0 22.1 66.1
 148 63.5 32.1 96.3

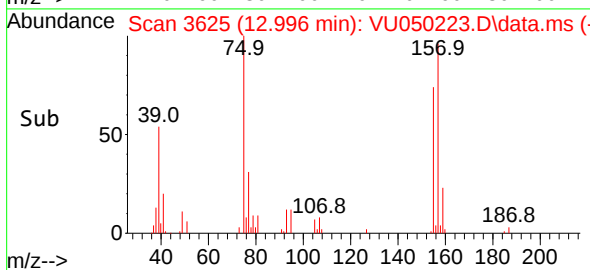
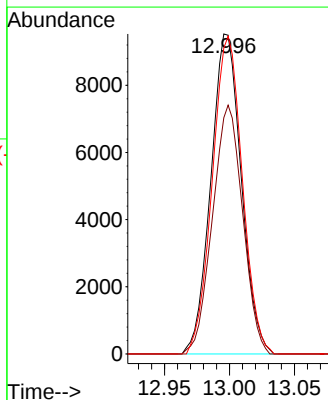
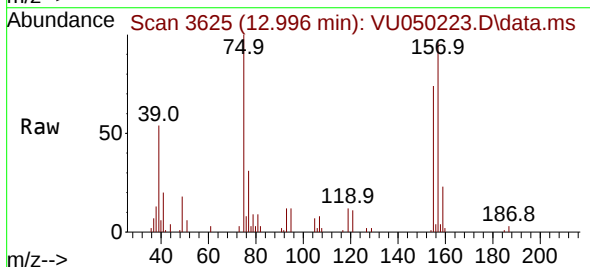
Manual Integrations
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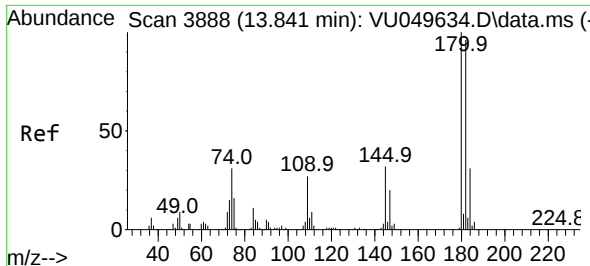
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.870 ug/l
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.001 min
 Lab File: VU050223.D
 Acq: 10 Aug 2022 17:10

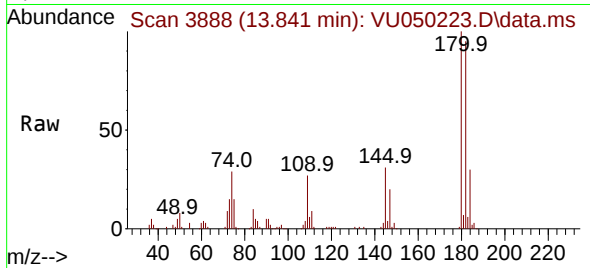
Tgt Ion: 75 Resp: 15490
 Ion Ratio Lower Upper
 75 100
 155 77.2 66.8 100.2
 157 98.0 83.8 125.8





#87
1,2,4-Trichlorobenzene
Concen: 9.808 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

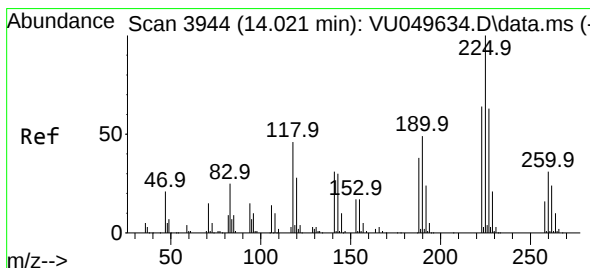
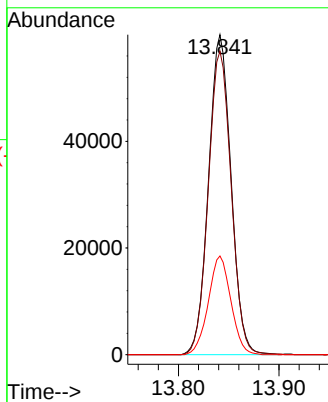
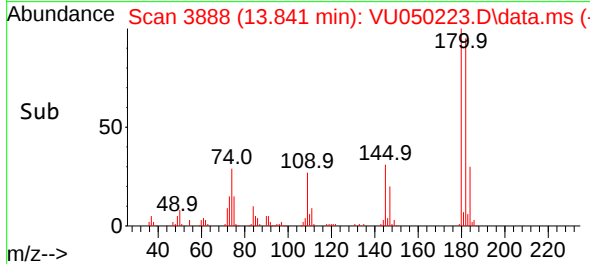
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



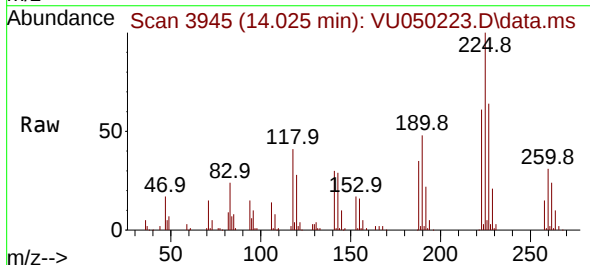
Tgt Ion:180 Resp: 9328
Ion Ratio Lower Upper
180 100
182 96.3 77.0 115.6
145 30.9 25.7 38.5

Manual Integrations
APPROVED

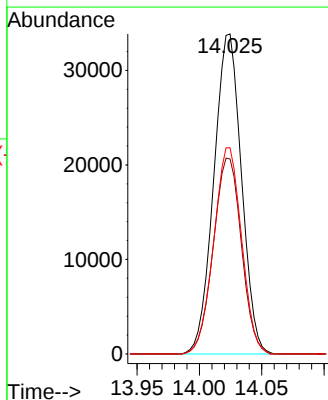
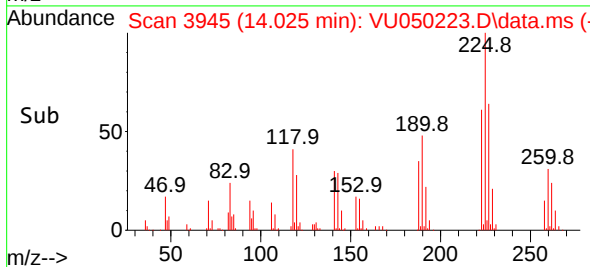
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

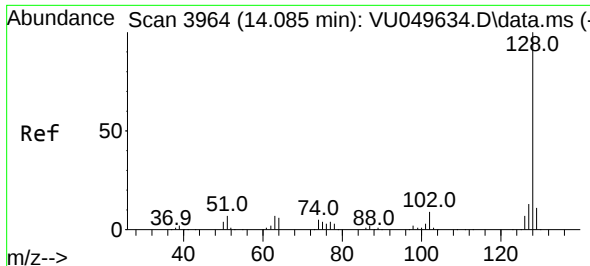


#88
Hexachlorobutadiene
Concen: 9.408 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.004 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10



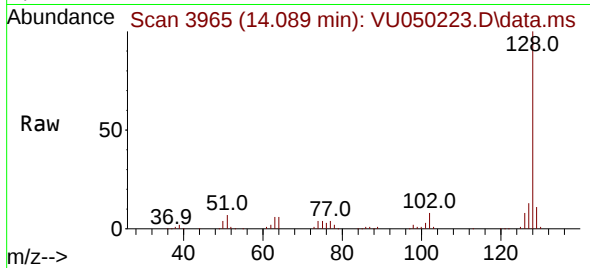
Tgt Ion:225 Resp: 52331
Ion Ratio Lower Upper
225 100
223 62.2 50.6 76.0
227 64.9 50.7 76.1





#89
Naphthalene
Concen: 10.016 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.004 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10

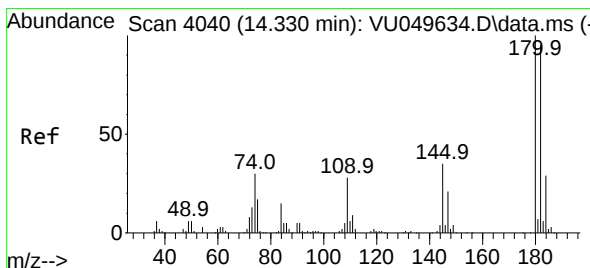
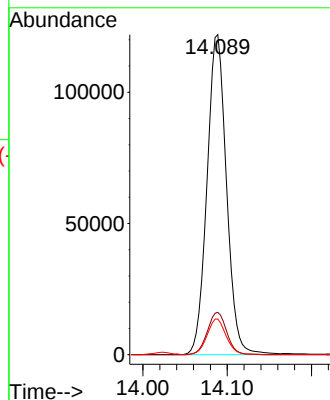
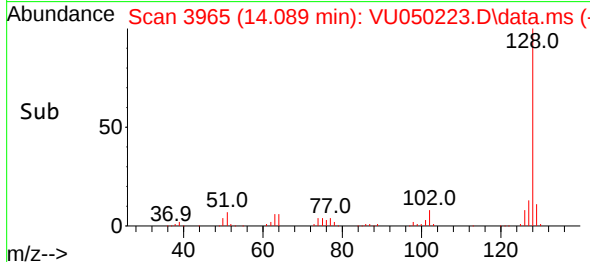
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



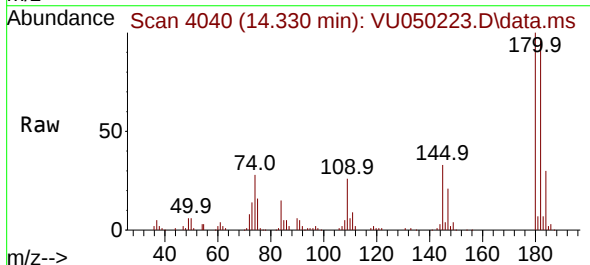
Tgt Ion:128 Resp: 196608
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.9 8.6 12.8

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



#90
1,2,3-Trichlorobenzene
Concen: 9.965 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050223.D
Acq: 10 Aug 2022 17:10



Tgt Ion:180 Resp: 97578
Ion Ratio Lower Upper
180 100
182 96.0 76.6 114.8
145 33.0 27.3 40.9

