

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081022\
 Data File : VU050216.D
 Acq On : 10 Aug 2022 14:01
 Operator : SY/MD
 Sample : VU0810WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0810WBS01

Manual Integrations
 APPROVED

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

Quant Time: Aug 10 16:27:18 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	30851	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	10018	0.947	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	9795	0.916	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	20246	1.822	ug/l	96
3) Chloromethane	1.517	50	26380	1.893	ug/l	99
4) Vinyl Chloride	1.601	62	23902	1.932	ug/l	98
5) Bromomethane	1.855	94	9415	2.527	ug/l	97
6) Chloroethane	1.932	64	13788	1.843	ug/l	99
7) Trichlorofluoromethane	2.134	101	24997	1.842	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	13311	1.846	ug/l	98
9) 1,1-Dichloroethene	2.578	96	15368	1.879	ug/l	94
10) Iodomethane	2.719	142	8313	1.219	ug/l	95
11) Allyl Chloride	2.922	41	21635	1.908	ug/l	97
12) Acrylonitrile	3.334	53	8665	3.994	ug/l	95
13) Acetone	2.662	43	14175	8.743	ug/l #	87
14) Carbon Disulfide	2.790	76	57929	1.869	ug/l	100
15) Methylene Chloride	3.041	84	23603	1.926	ug/l	87
16) trans-1,2-Dichloroethene	3.353	96	17673	1.952	ug/l	93
17) 1,1-Dichloroethane	3.871	63	34035	1.991	ug/l	99
18) 2-Butanone	4.729	43	23399	8.915	ug/l	98
19) Cyclohexane	5.388	56	18125	1.586	ug/l #	83
20) Methylcyclohexane	6.761	83	20546	1.830	ug/l	98
21) 2,2-Dichloropropane	4.665	77	23154	1.799	ug/l	99
22) cis-1,2-Dichloroethene	4.671	96	19501	1.910	ug/l	99
23) Diethyl Ether	2.375	59	14040	1.924	ug/l	96
24) tert-Butyl Alcohol	3.186	59	14272m	25.876	ug/l	
25) Methyl tert-Butyl Ether	3.366	73	40756	1.941	ug/l	97
26) Bromochloromethane	4.977	128	9541	2.024	ug/l	94
27) Chloroform	5.089	83	34377	1.951	ug/l	98
28) 1,1,1-Trichloroethane	5.317	97	26839	1.936	ug/l	99
29) 1,1-Dichloropropene	5.526	75	21815	1.896	ug/l	98
30) Carbon Tetrachloride	5.526	117	21055	1.848	ug/l	95
31) Isopropyl Ether	3.993	45	45307	1.957	ug/l	91
32) Ethyl-t-butyl ether	4.504	59	43154	1.949	ug/l	98
33) Tert-Amyl methyl ether	5.941	73	36906	1.888	ug/l	98
34) Propionitrile	4.809	54	9086	9.793	ug/l #	78
35) Benzene	5.774	78	75274	1.974	ug/l	98
36) 1,2-Dichloroethane	5.797	62	22216	2.017	ug/l	100
37) Trichloroethene	6.542	130	17282	1.909	ug/l	94
38) 1,2-Dichloropropane	6.793	63	20845	1.996	ug/l	98
39) Methacrylonitrile	4.983	41	5711	1.966	ug/l	95
40) Methyl acrylate	4.854	55	11342	2.011	ug/l #	90
41) Tetrahydrofuran	5.076	42	6514	3.760	ug/l	99
42) 1-Chlorobutane	5.459	56	30722	1.914	ug/l	95
43) Dibromomethane	6.922	93	10709	1.980	ug/l	98
44) Bromodichloromethane	7.108	83	25088	1.976	ug/l	98

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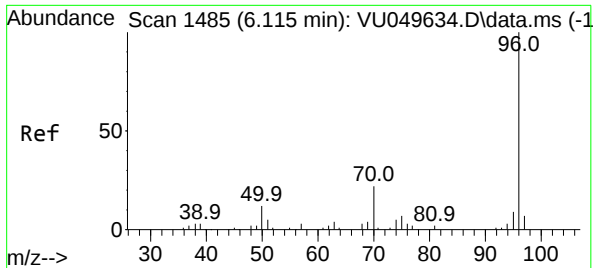
Manual Integrations
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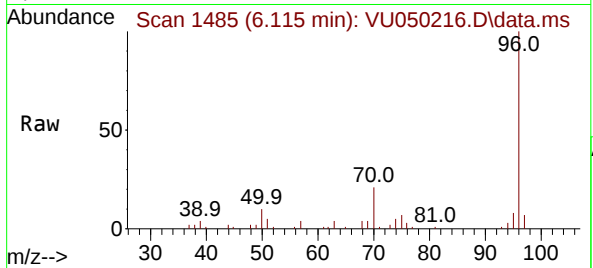
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	57574	9.595	ug/l	99
46) t-1,4-Dichloro-2-butene	10.828	75	10014m	4.220	ug/l	
47) Methyl methacrylate	6.964	69	18930	4.031	ug/l	88
48) Ethyl methacrylate	8.337	69	16214	1.883	ug/l	93
49) Toluene	7.970	92	40673	1.887	ug/l	95
50) t-1,3-Dichloropropene	8.214	75	21596	1.943	ug/l	95
51) cis-1,3-Dichloropropene	7.610	75	25310	1.925	ug/l	92
52) 1,1,2-Trichloroethane	8.401	97	15060	1.952	ug/l	96
53) 1,3-Dichloropropane	8.578	76	25402	1.952	ug/l	98
54) 2-Hexanone	8.690	43	38717	9.146	ug/l	98
55) Dibromochloromethane	8.812	129	16572	1.933	ug/l	99
56) 1,2-Dibromoethane	8.925	107	14217	2.008	ug/l	98
58) Tetrachloroethene	8.552	164	14786	1.928	ug/l	96
59) Chlorobenzene	9.449	112	44147	1.929	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.536	131	17241	1.923	ug/l	98
61) Pentachloroethane	11.430	117	14068	1.934	ug/l	93
62) Hexachloroethane	12.475	117	10278	1.790	ug/l	99
63) Ethyl Benzene	9.571	91	67454	1.816	ug/l	99
64) m/p-Xylenes	9.693	106	51947	3.681	ug/l	96
65) o-Xylene	10.102	106	26397	1.915	ug/l	96
66) Styrene	10.115	104	40193	1.826	ug/l	97
67) Bromoform	10.292	173	9281	1.873	ug/l	100
69) Isopropylbenzene	10.484	105	62647	1.820	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.783	83	19992	1.927	ug/l	99
71) 1,2,3-Trichloropropane	10.822	75	13526m	1.775	ug/l	
72) Bromobenzene	10.783	156	17752	1.891	ug/l	99
73) n-propylbenzene	10.906	120	14884	1.741	ug/l	97
74) 2-Chlorotoluene	10.986	126	16600	1.891	ug/l	95
75) 1,3,5-Trimethylbenzene	11.089	105	52993	1.805	ug/l	99
76) 4-Chlorotoluene	11.099	126	16509	1.901	ug/l	88
77) tert-Butylbenzene	11.420	119	52042	1.787	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	53419	1.785	ug/l	98
79) sec-Butylbenzene	11.645	105	61939	1.751	ug/l	99
80) Nitrobenzene	13.214	77	3539	8.704	ug/l #	95
81) p-Isopropyltoluene	11.793	119	48486	1.729	ug/l	99
82) 1,3-Dichlorobenzene	11.748	146	32444	1.823	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	32024	1.852	ug/l	98
84) n-Butylbenzene	12.211	91	42823	1.757	ug/l	96
85) 1,2-Dichlorobenzene	12.214	146	32621	1.890	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	2871	1.803	ug/l	96
87) 1,2,4-Trichlorobenzene	13.841	180	17702	1.834	ug/l	98
88) Hexachlorobutadiene	14.021	225	10330	1.830	ug/l	99
89) Naphthalene	14.089	128	32462	1.630	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	18300	1.842	ug/l	95

(#) = 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: VU050216.D
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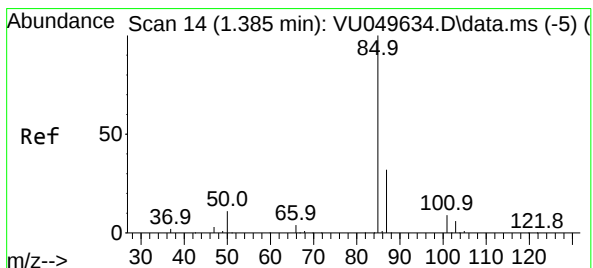
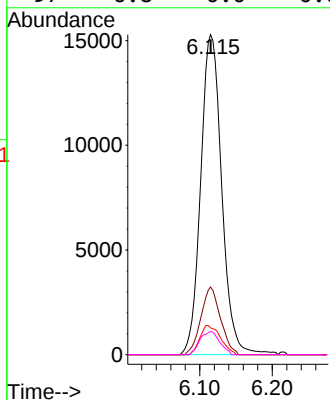
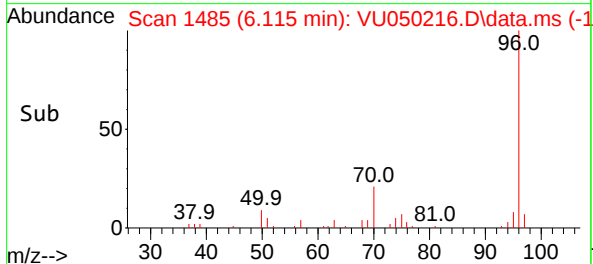
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01



Tgt Ion: 96 Resp: 3085
Ion Ratio Lower Upper
96 100
70 19.6 16.7 25.1
95 8.9 7.4 11.0
97 6.8 0.0 0.0#

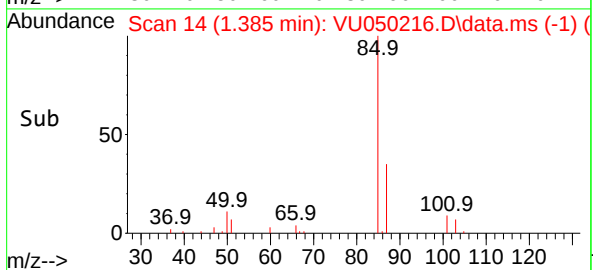
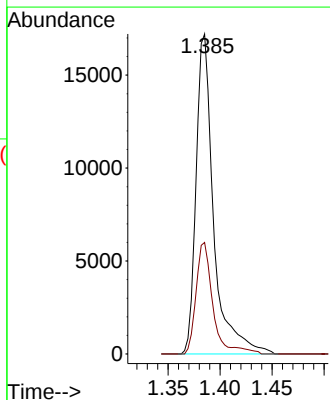
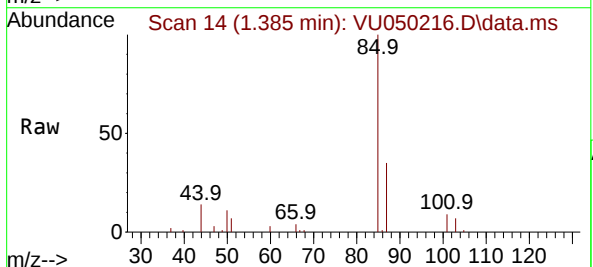
Manual Integrations
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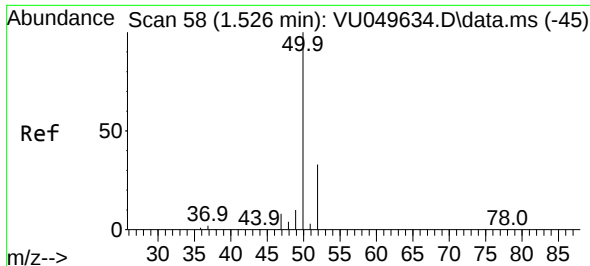
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#2
Dichlorodifluoromethane
Concen: 1.822 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

Tgt Ion: 85 Resp: 20246
Ion Ratio Lower Upper
85 100
87 34.8 16.3 48.8





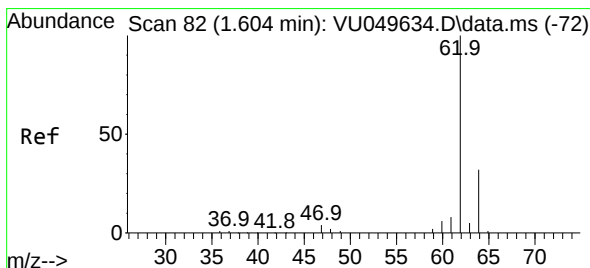
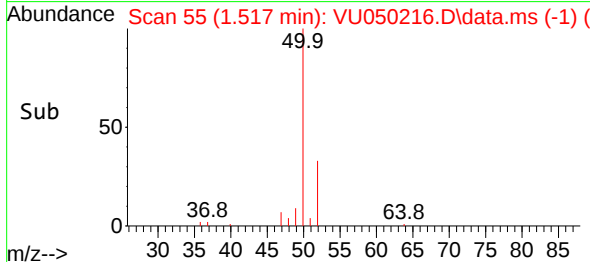
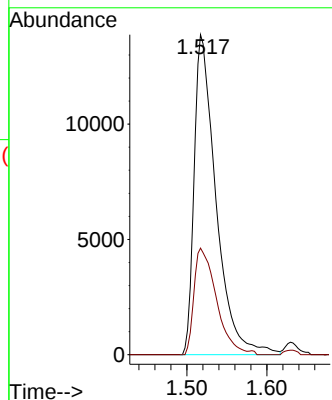
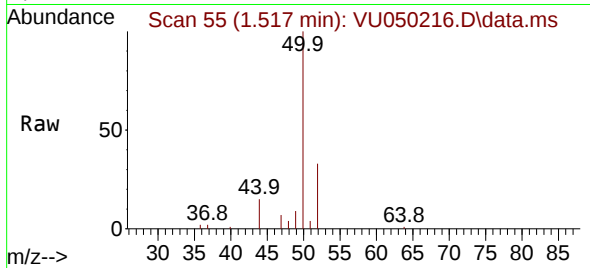
#3
Chloromethane
Concen: 1.893 ug/l
RT: 1.517 min Scan# 50
Delta R.T. -0.009 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01

Tgt Ion: 50 Resp: 26380
Ion Ratio Lower Upper
50 100
52 33.3 26.1 39.1

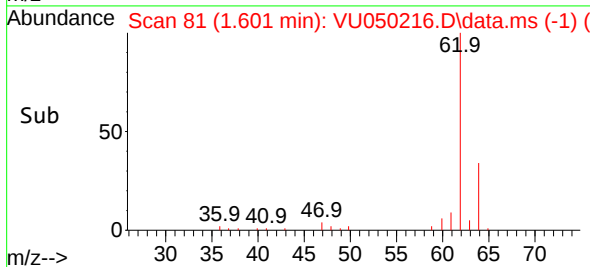
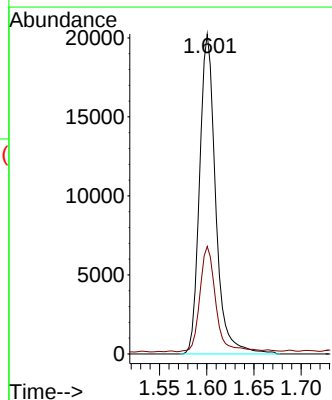
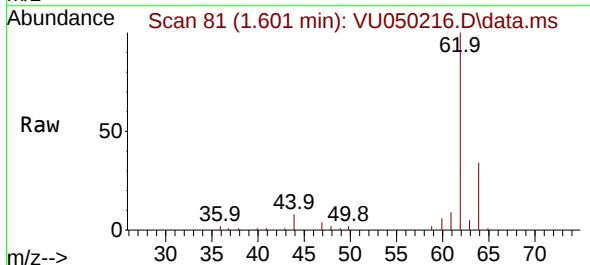
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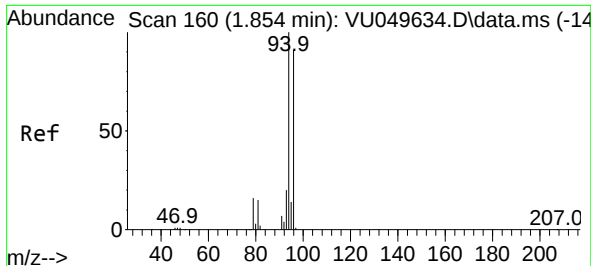
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#4
Vinyl Chloride
Concen: 1.932 ug/l
RT: 1.601 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

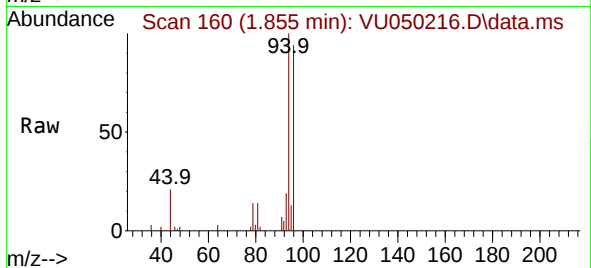
Tgt Ion: 62 Resp: 23902
Ion Ratio Lower Upper
62 100
64 32.8 25.5 38.3





#5
Bromomethane
Concen: 2.527 ug/l
RT: 1.855 min Scan# 160
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

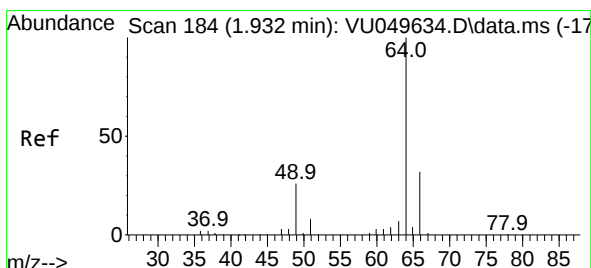
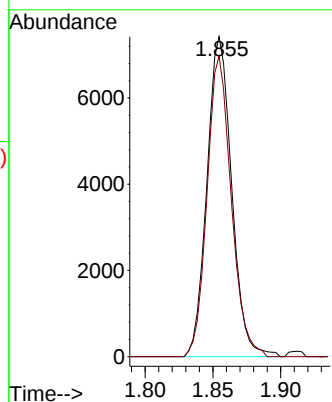
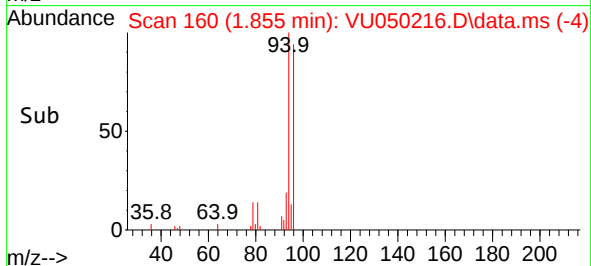
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01



Tgt Ion: 94 Resp: 941
Ion Ratio Lower Upper
94 100
96 94.0 73.0 109.6

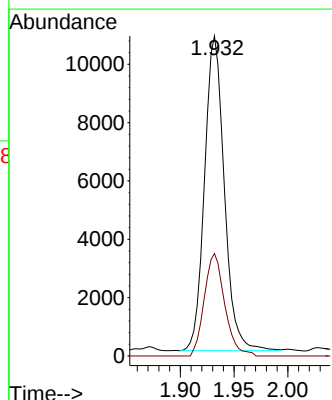
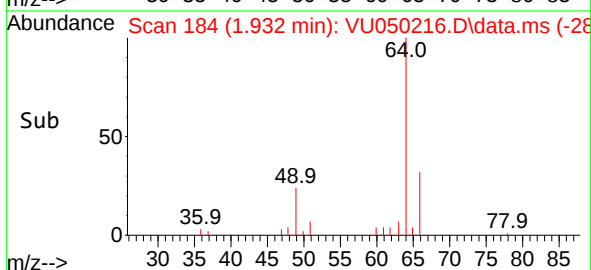
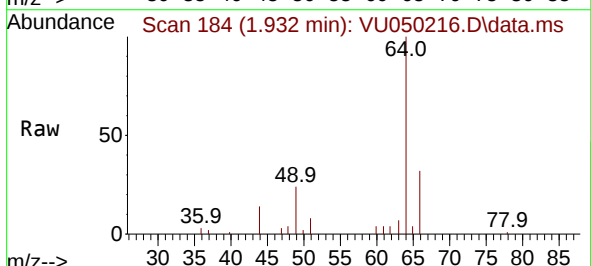
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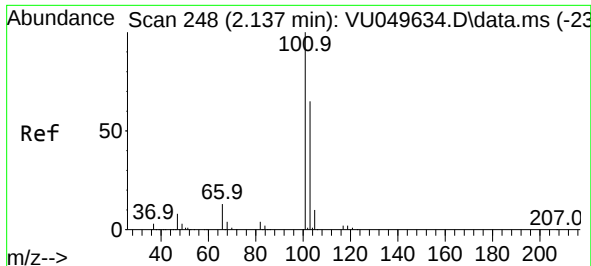
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#6
Chloroethane
Concen: 1.843 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

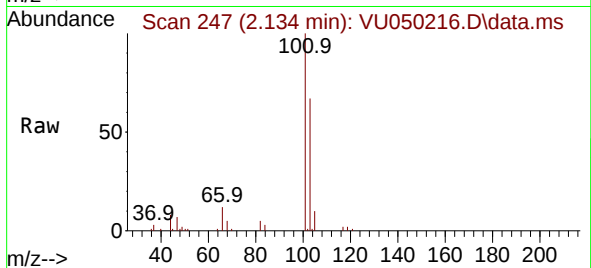
Tgt Ion: 64 Resp: 13788
Ion Ratio Lower Upper
64 100
66 32.6 25.8 38.6





#7
 Trichlorofluoromethane
 Concen: 1.842 ug/l
 RT: 2.134 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU050216.D
 Acq: 10 Aug 2022 14:01

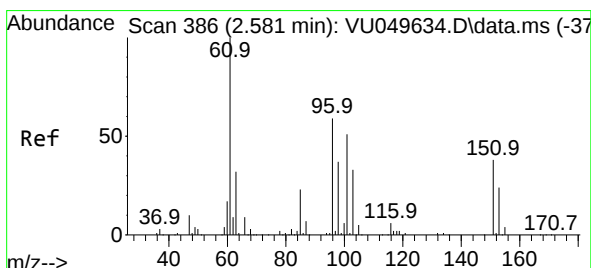
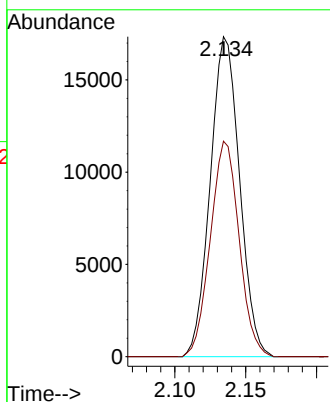
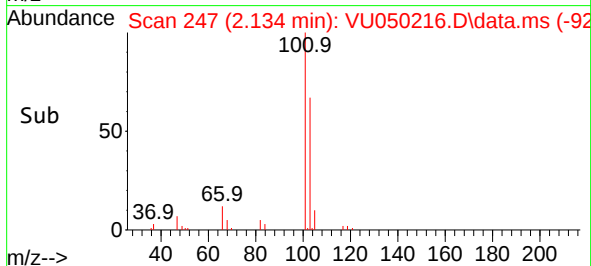
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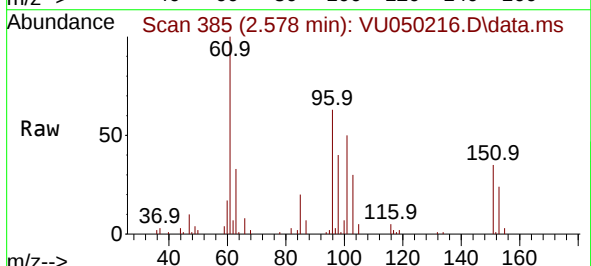
Tgt Ion:101 Resp: 2499
 Ion Ratio Lower Upper
 101 100
 103 67.3 51.8 77.6

Manual Integrations
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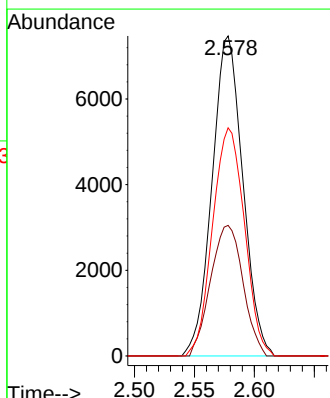
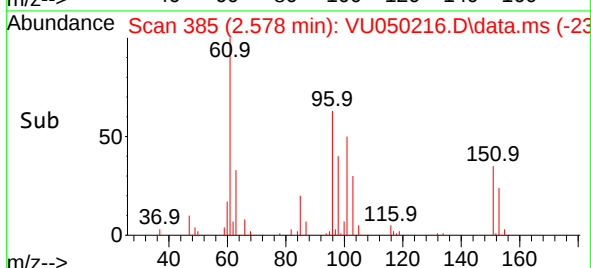
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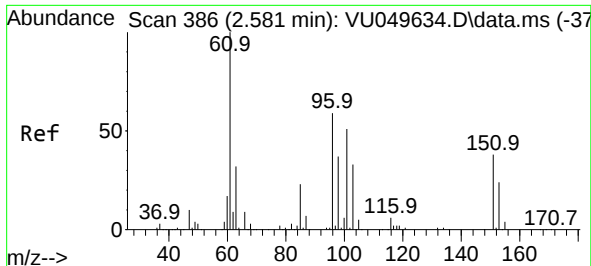


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.846 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU050216.D
 Acq: 10 Aug 2022 14:01



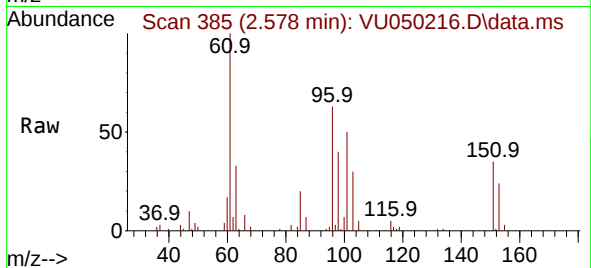
Tgt Ion:101 Resp: 13311
 Ion Ratio Lower Upper
 101 100
 85 43.0 36.4 54.6
 151 73.8 59.1 88.7





#9
1,1-Dichloroethene
Concen: 1.879 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

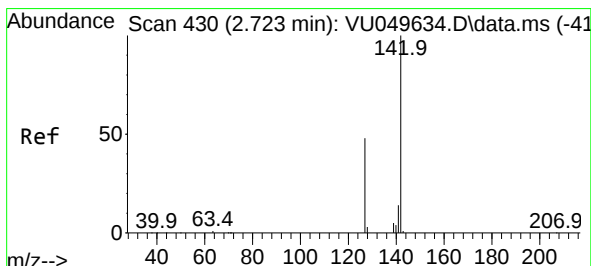
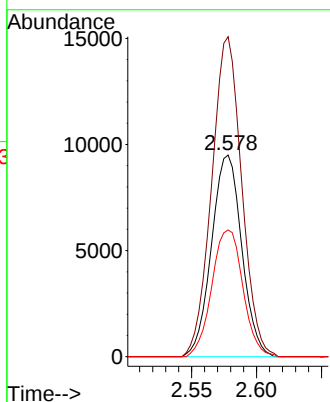
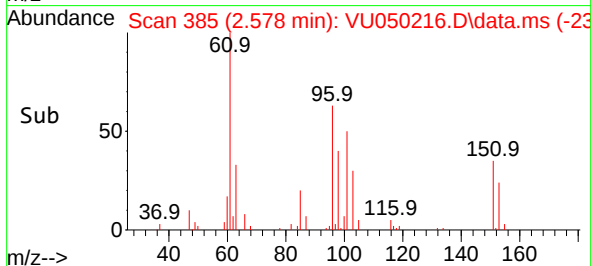
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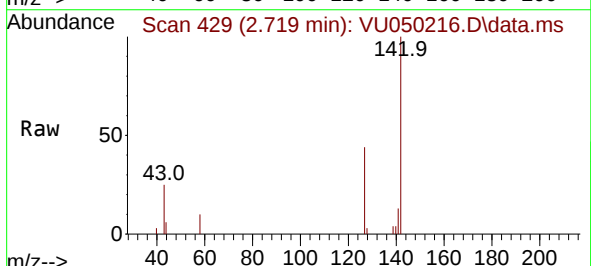
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Ion Ratio Lower Upper
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61 158.7 0.0 510.6
98 62.9 0.0 124.6

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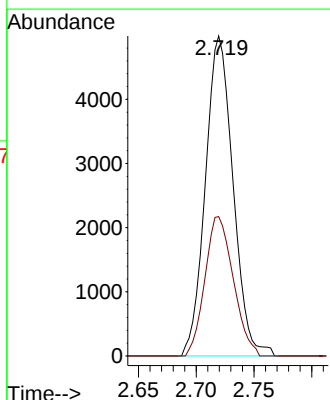
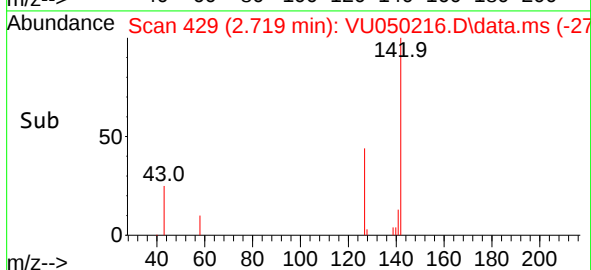
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#10
Iodomethane
Concen: 1.219 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01



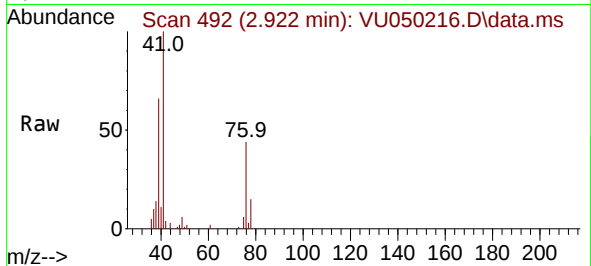
Tgt Ion:142 Resp: 8313
Ion Ratio Lower Upper
142 100
127 44.6 38.2 57.2





#11
 Allyl Chloride
 Concen: 1.908 ug/l
 RT: 2.922 min Scan# 49
 Delta R.T. 0.000 min
 Lab File: VU050216.D
 Acq: 10 Aug 2022 14:01

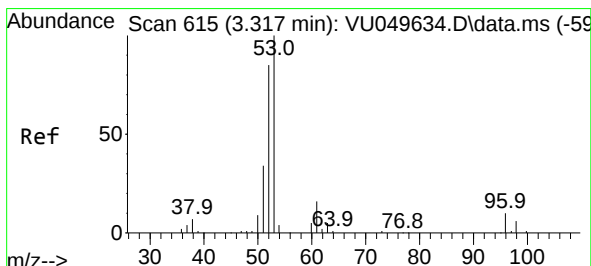
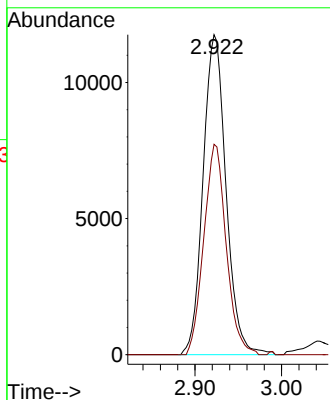
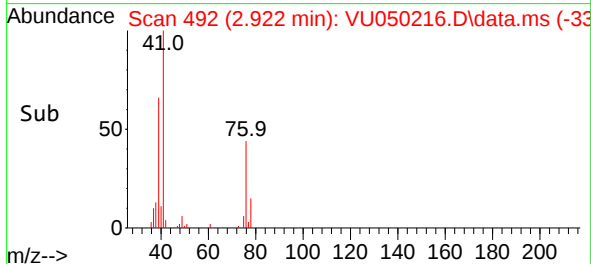
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0810WBS01



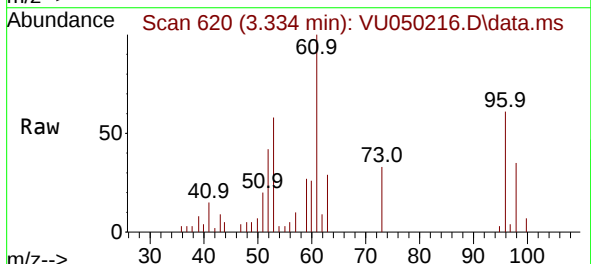
Tgt Ion: 41 Resp: 2163
 Ion Ratio Lower Upper
 41 100
 39 64.2 53.2 79.8

Manual Integrations
 APPROVED

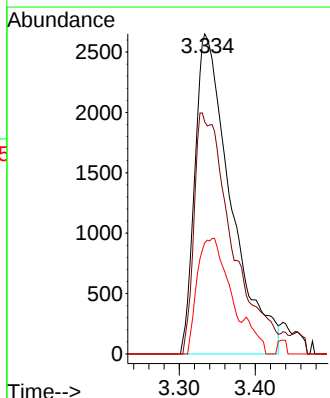
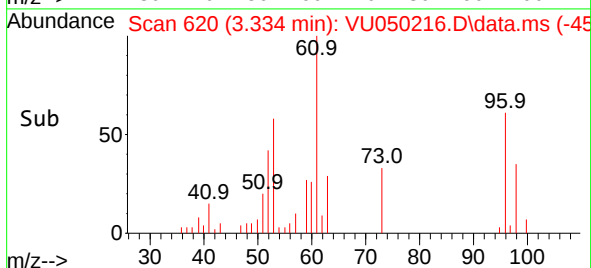
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

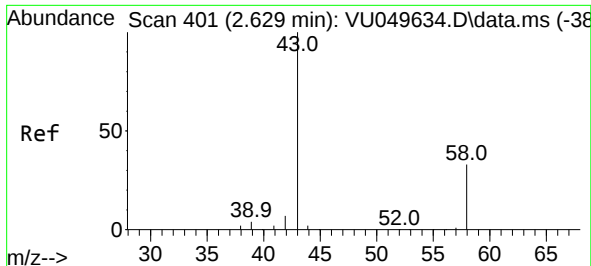


#12
 Acrylonitrile
 Concen: 3.994 ug/l
 RT: 3.334 min Scan# 620
 Delta R.T. 0.017 min
 Lab File: VU050216.D
 Acq: 10 Aug 2022 14:01



Tgt Ion: 53 Resp: 8665
 Ion Ratio Lower Upper
 53 100
 52 78.9 64.6 97.0
 51 31.2 30.7 46.1





#13

Acetone

Concen: 8.743 ug/l

RT: 2.662 min Scan# 411

Delta R.T. 0.033 min

Lab File: VU050216.D

Acq: 10 Aug 2022 14:01

Instrument :

MSVOA_U

ClientSampleId :

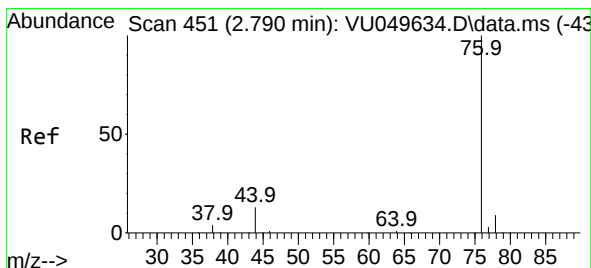
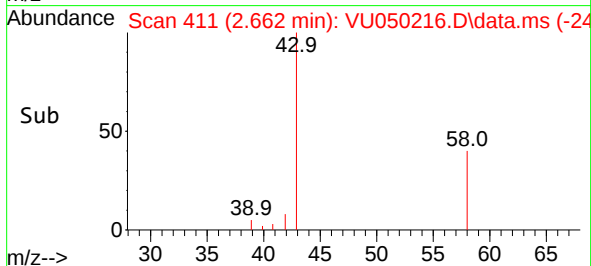
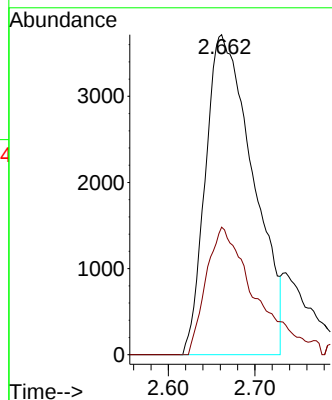
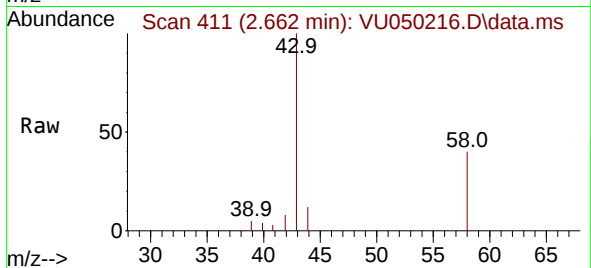
VU0810WBS01

Tgt Ion: 43 Resp: 14179
 Ion Ratio Lower Upper
 43 100
 58 39.9 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: 1.869 ug/l

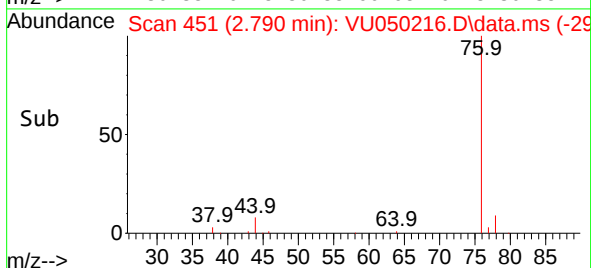
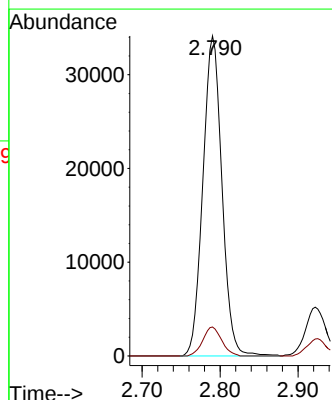
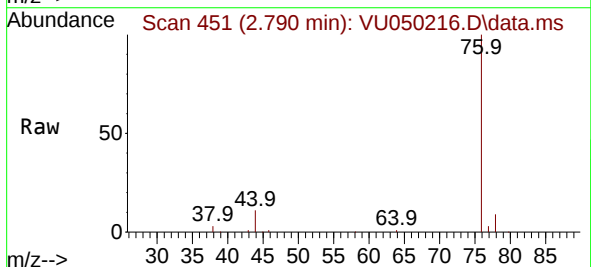
RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050216.D

Acq: 10 Aug 2022 14:01

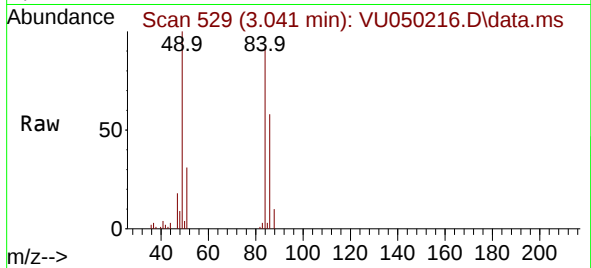
Tgt Ion: 76 Resp: 57929
 Ion Ratio Lower Upper
 76 100
 78 9.0 7.4 11.0





#15
Methylene Chloride
Concen: 1.926 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

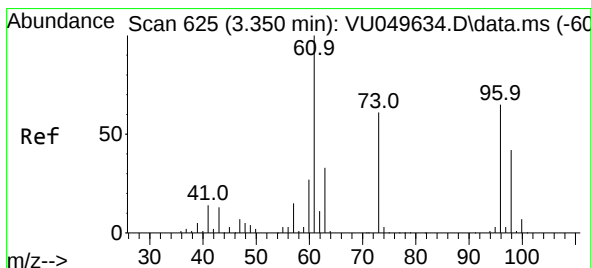
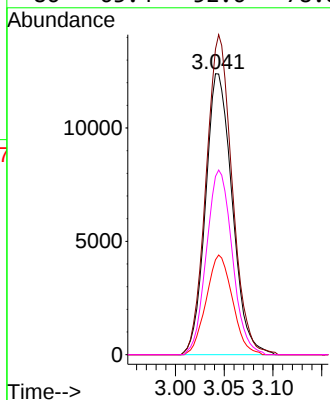
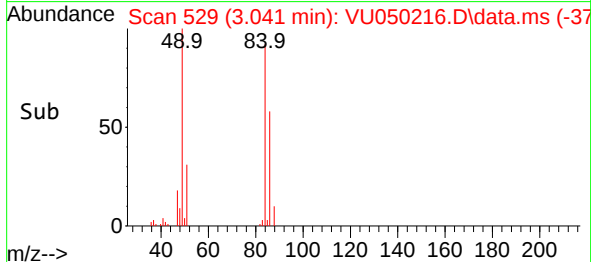
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01



Tgt Ion: 84	Resp: 2360
Ion Ratio	Lower Upper
84	100
49	108.8 104.6 157.0
51	33.8 0.0 81.4
86	63.4 52.6 78.8

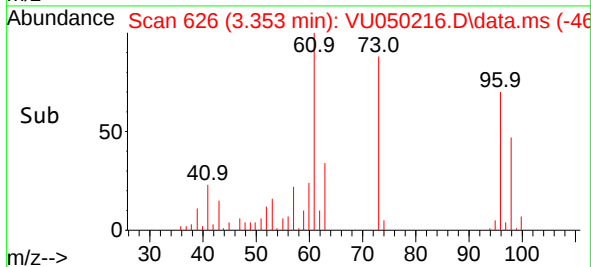
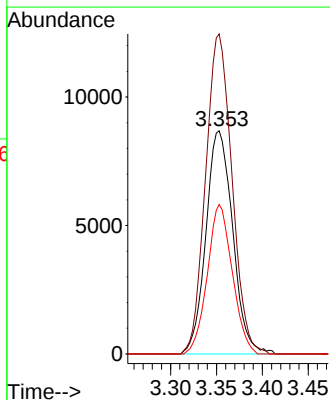
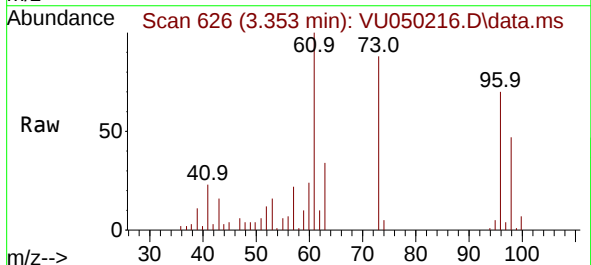
Manual Integrations
APPROVED

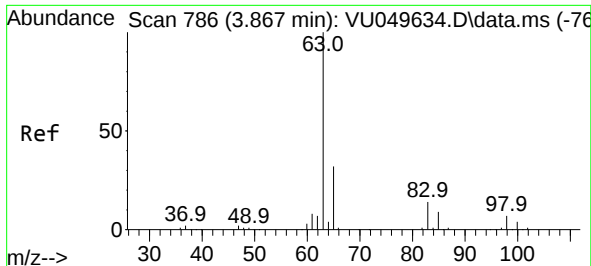
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#16
trans-1,2-Dichloroethene
Concen: 1.952 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

Tgt Ion: 96	Resp: 17673
Ion Ratio	Lower Upper
96	100
61	143.3 123.4 185.0
98	67.0 51.6 77.4





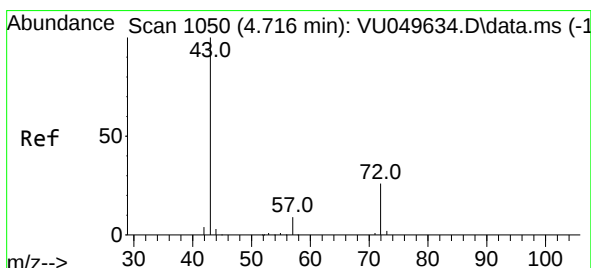
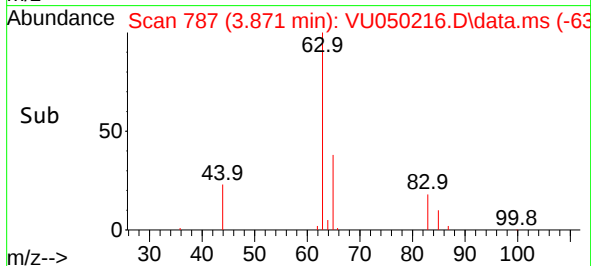
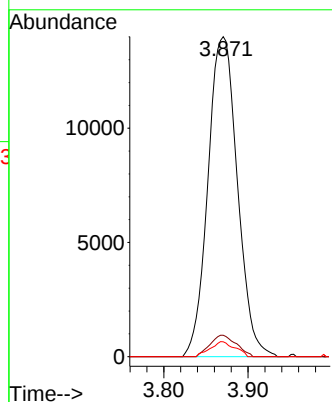
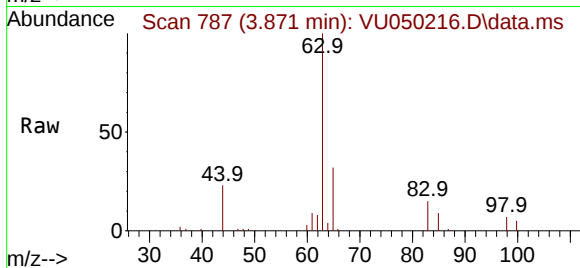
#17
1,1-Dichloroethane
Concen: 1.991 ug/l
RT: 3.871 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01

Tgt Ion: 63 Resp: 34035
Ion Ratio Lower Upper
63 100
98 6.7 3.4 10.2
100 4.6 2.0 6.0

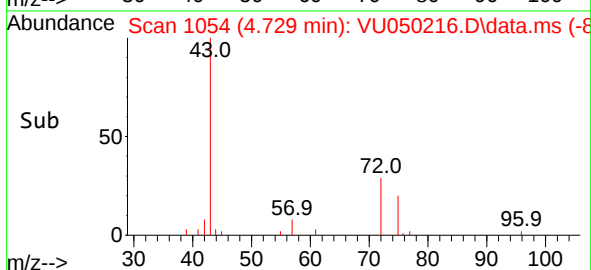
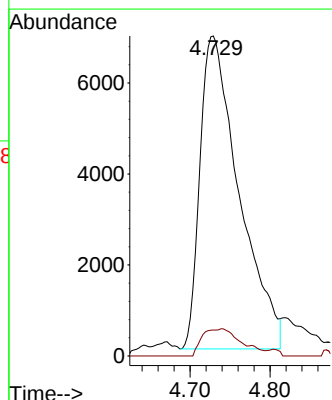
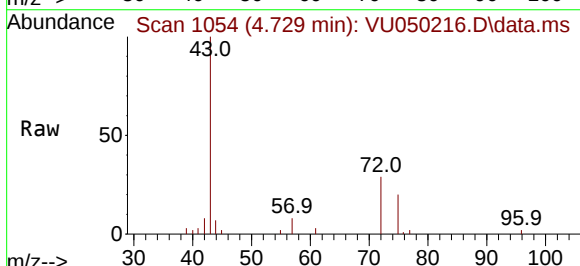
Manual Integrations
APPROVED

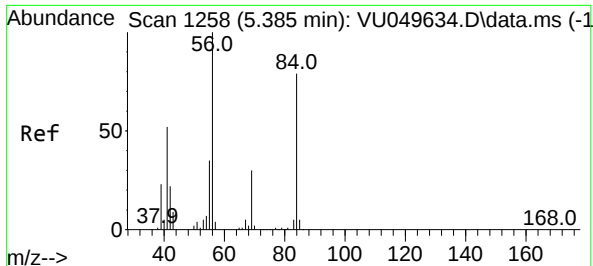
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#18
2-Butanone
Concen: 8.915 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.013 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

Tgt Ion: 43 Resp: 23399
Ion Ratio Lower Upper
43 100
57 8.3 0.0 18.0





#19

Cyclohexane

Concen: 1.586 ug/l

RT: 5.388 min Scan# 1258

Delta R.T. 0.003 min

Lab File: VU050216.D

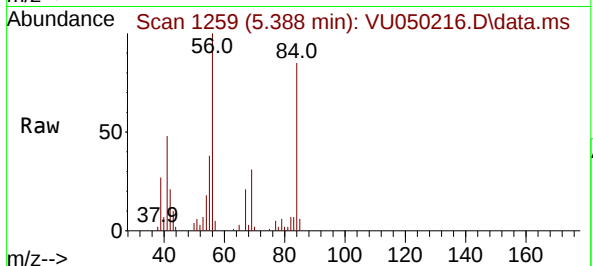
Acq: 10 Aug 2022 14:01

Instrument :

MSVOA_U

ClientSampleId :

VU0810WBS01



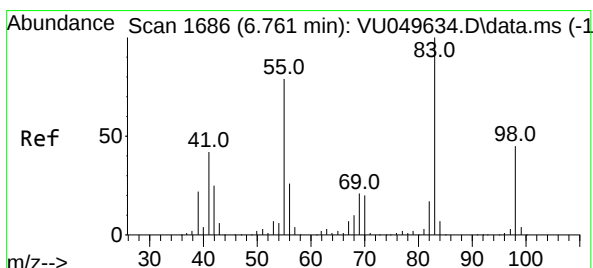
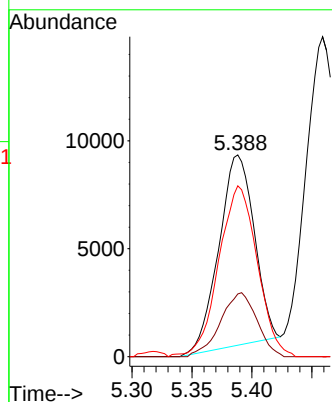
Tgt Ion:	56	Resp:	1812
Ion Ratio	100	Lower	Upper
56	100		
69	34.5	24.2	36.4
84	97.4	63.4	95.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#20

Methylcyclohexane

Concen: 1.830 ug/l

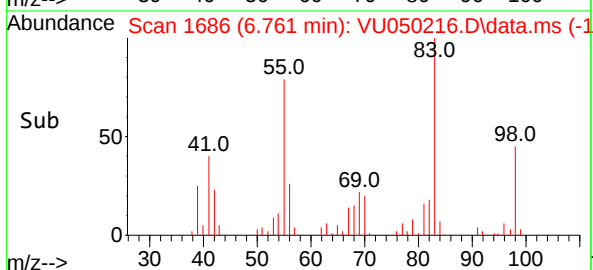
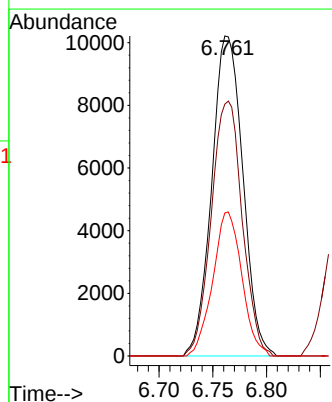
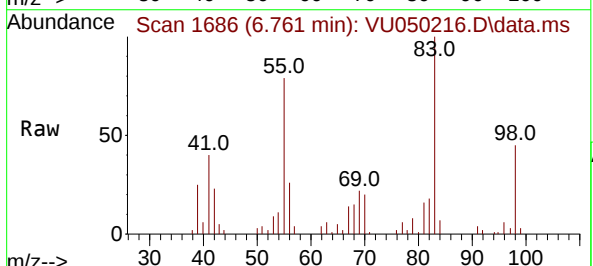
RT: 6.761 min Scan# 1686

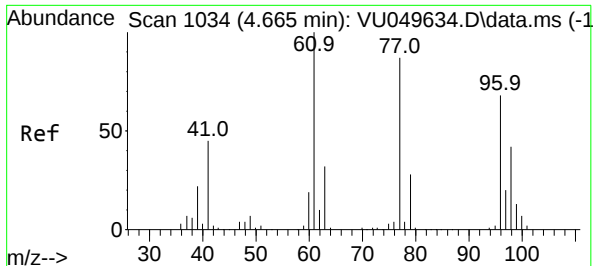
Delta R.T. 0.000 min

Lab File: VU050216.D

Acq: 10 Aug 2022 14:01

Tgt Ion:	83	Resp:	20546
Ion Ratio	100	Lower	Upper
83	100		
55	79.2	63.0	94.4
98	42.1	35.7	53.5





#21

2,2-Dichloropropane

Concen: 1.799 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050216.D

Acq: 10 Aug 2022 14:01

Instrument :

MSVOA_U

ClientSampleId :

VU0810WBS01

Tgt Ion: 77 Resp: 23154

Ion Ratio Lower Upper

77 100

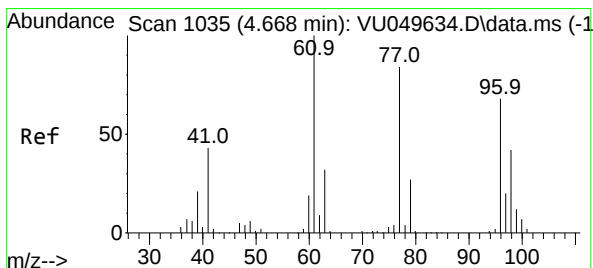
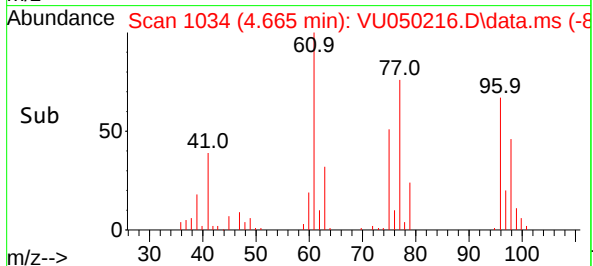
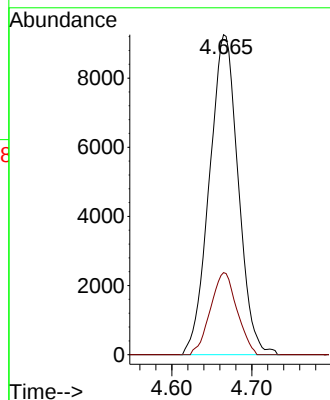
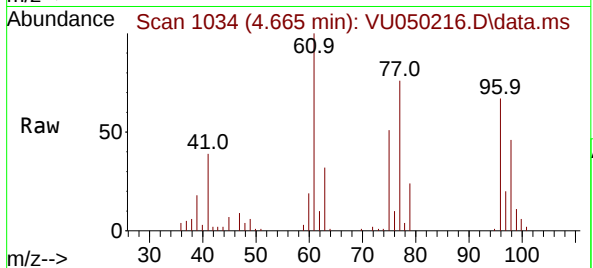
97 23.6 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#22

cis-1,2-Dichloroethene

Concen: 1.910 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU050216.D

Acq: 10 Aug 2022 14:01

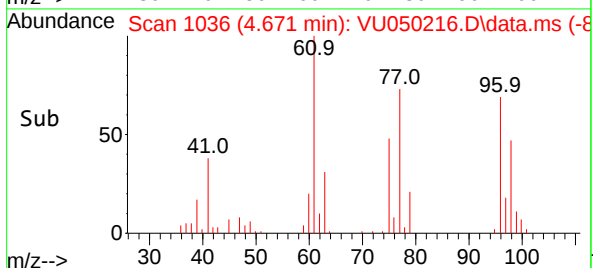
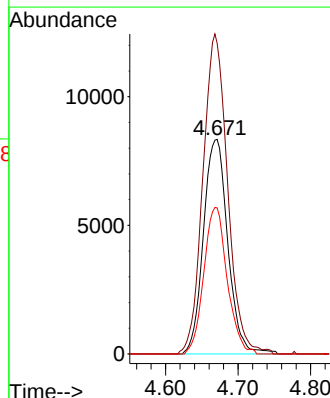
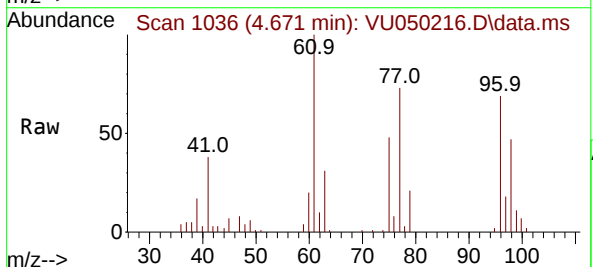
Tgt Ion: 96 Resp: 19501

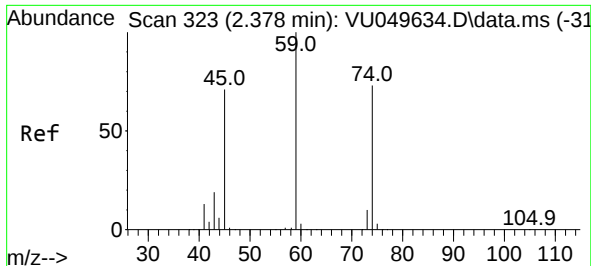
Ion Ratio Lower Upper

96 100

61 150.4 0.0 375.8

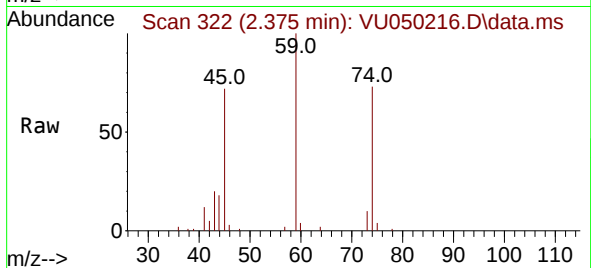
98 65.5 31.6 95.0





#23
Diethyl Ether
Concen: 1.924 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

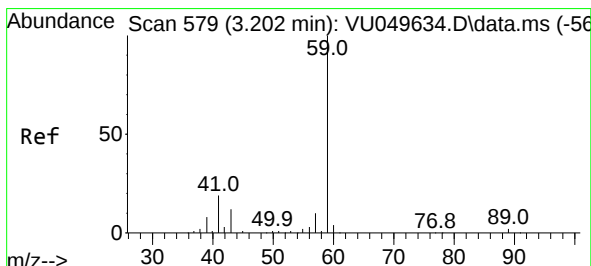
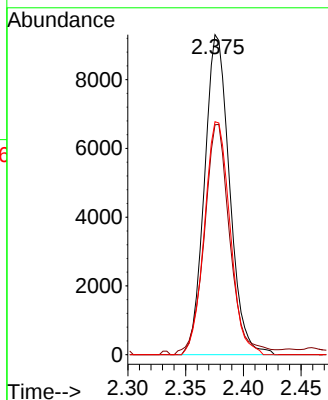
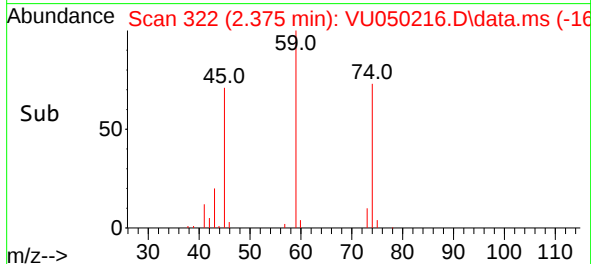
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01



Tgt Ion: 59 Resp: 14040
Ion Ratio Lower Upper
59 100
45 73.7 56.0 84.0
74 74.4 57.6 86.4

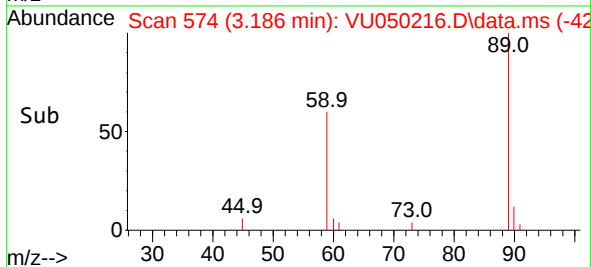
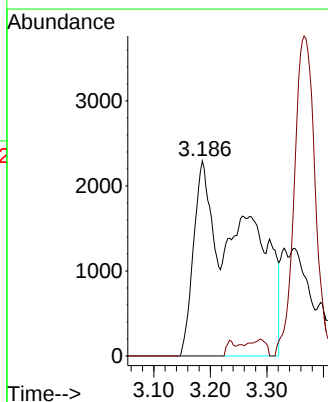
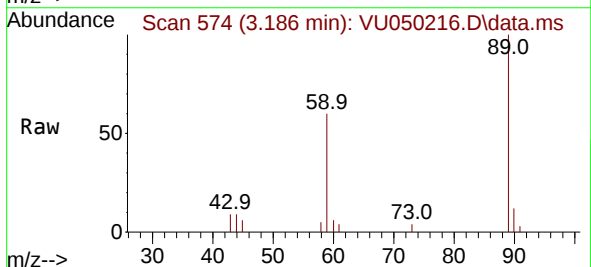
Manual Integrations
APPROVED

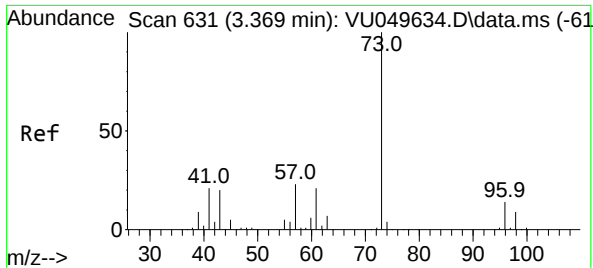
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#24
tert-Butyl Alcohol
Concen: 25.876 ug/l m
RT: 3.186 min Scan# 574
Delta R.T. -0.016 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

Tgt Ion: 59 Resp: 14272
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





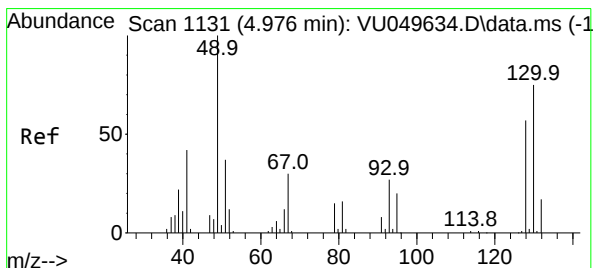
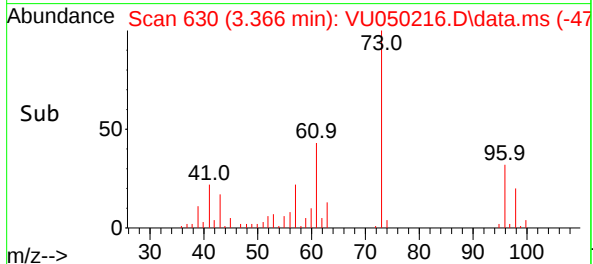
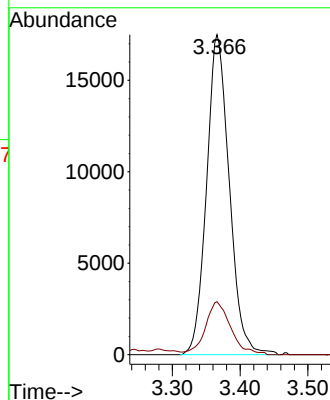
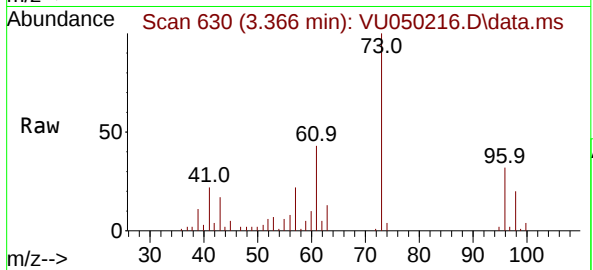
#25
Methyl tert-Butyl Ether
Concen: 1.941 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01

Tgt Ion: 73 Resp: 40750
Ion Ratio Lower Upper
73 100
43 18.5 15.9 23.9

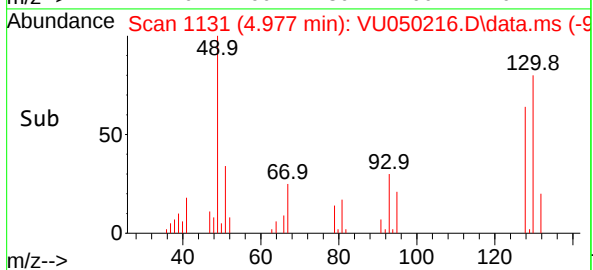
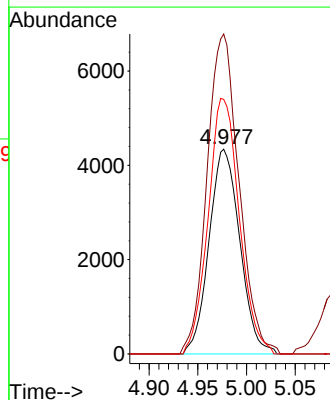
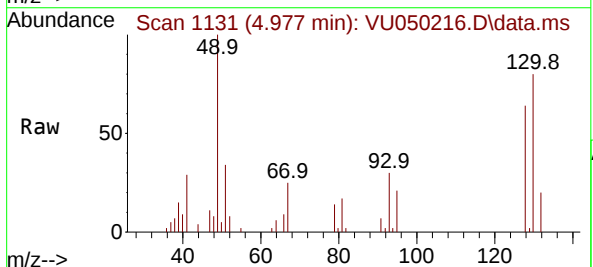
Manual Integrations
APPROVED

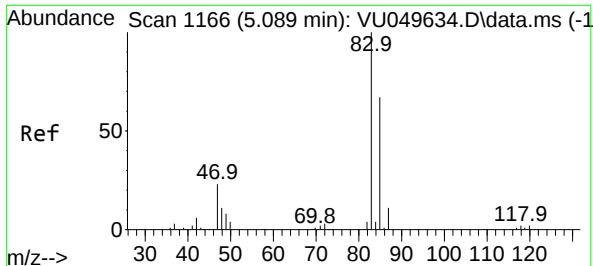
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#26
Bromochloromethane
Concen: 2.024 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

Tgt Ion:128 Resp: 9541
Ion Ratio Lower Upper
128 100
49 162.0 0.0 349.2
130 126.5 103.0 154.6





#27

Chloroform

Concen: 1.951 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050216.D

Acq: 10 Aug 2022 14:01

Instrument :

MSVOA_U

ClientSampleId :

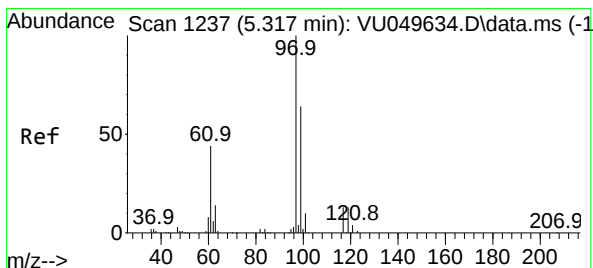
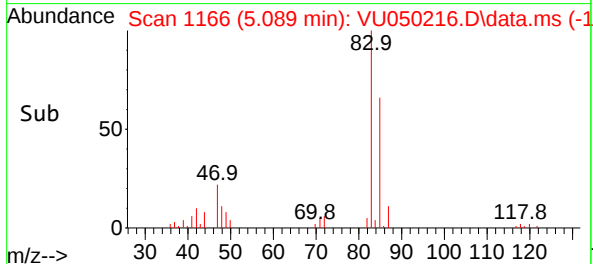
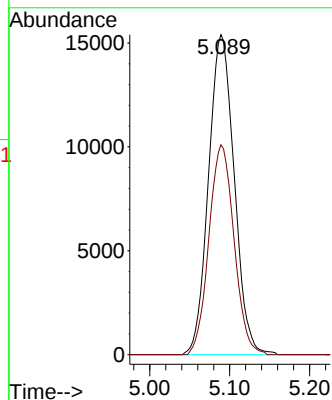
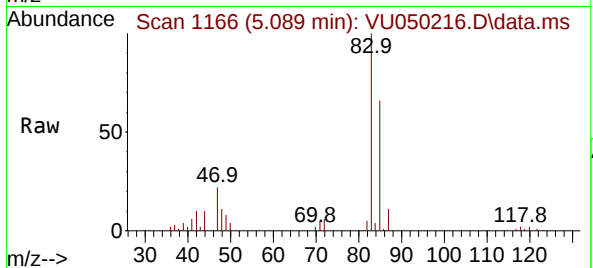
VU0810WBS01

Tgt Ion: 83 Resp: 3437
 Ion Ratio Lower Upper
 83 100
 85 65.6 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: 1.936 ug/l

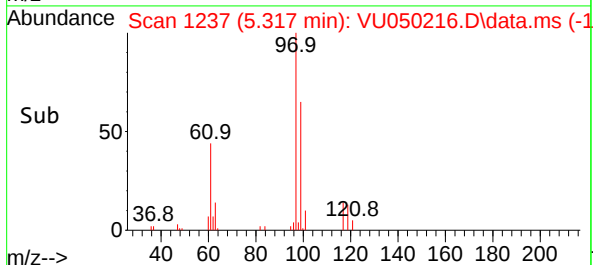
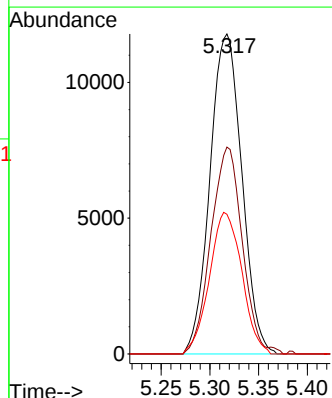
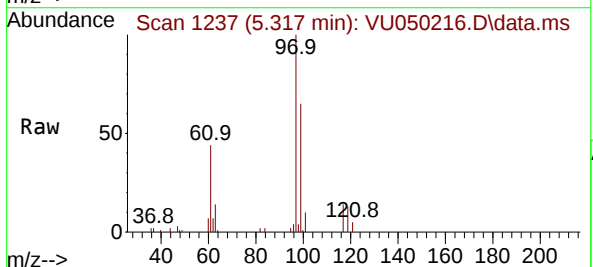
RT: 5.317 min Scan# 1237

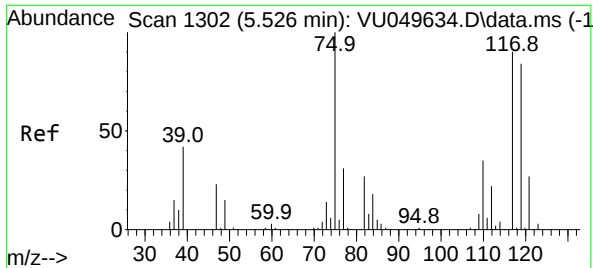
Delta R.T. 0.000 min

Lab File: VU050216.D

Acq: 10 Aug 2022 14:01

Tgt Ion: 97 Resp: 26839
 Ion Ratio Lower Upper
 97 100
 99 63.8 32.1 96.5
 61 45.0 21.8 65.4





#29

1,1-Dichloropropene

Concen: 1.896 ug/l

RT: 5.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU050216.D

Acq: 10 Aug 2022 14:01

Instrument :

MSVOA_U

ClientSampleId :

VU0810WBS01

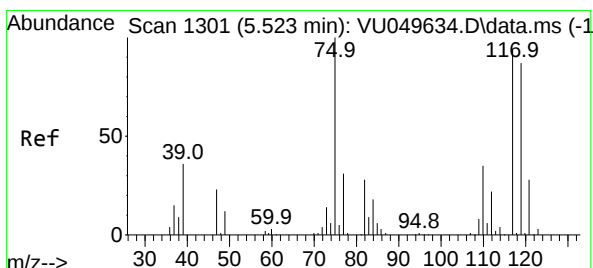
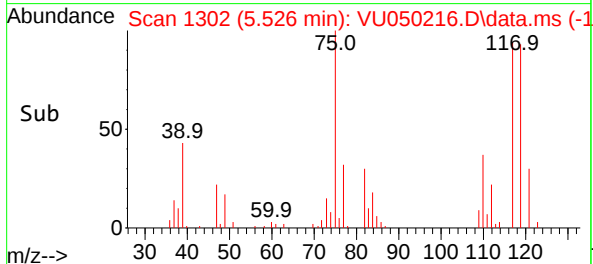
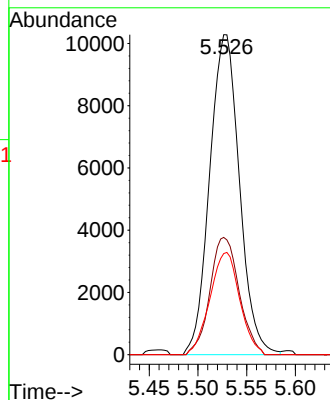
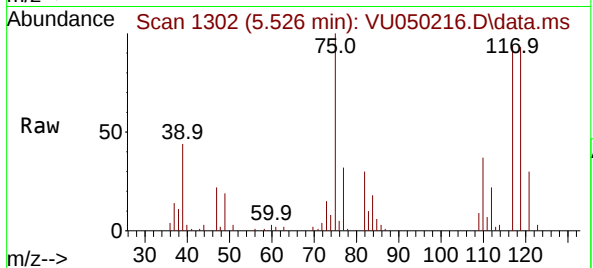
Tgt Ion: 75	Resp: 2181
Ion Ratio	Lower Upper
75 100	
110 36.0	17.3 52.0
77 32.0	24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#30

Carbon Tetrachloride

Concen: 1.848 ug/l

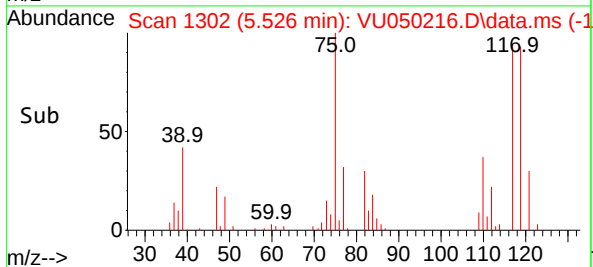
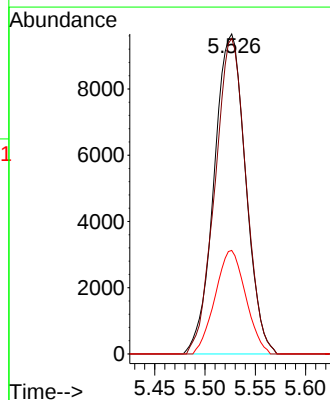
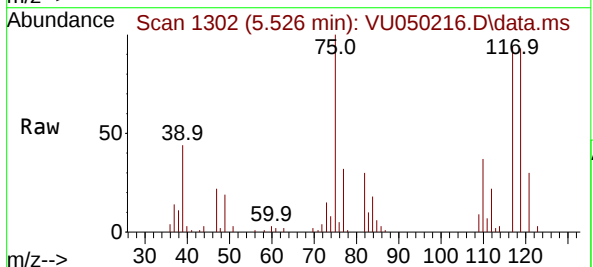
RT: 5.526 min Scan# 1302

Delta R.T. 0.003 min

Lab File: VU050216.D

Acq: 10 Aug 2022 14:01

Tgt Ion: 117	Resp: 21055
Ion Ratio	Lower Upper
117 100	
119 98.6	74.6 112.0
121 32.3	24.2 36.4





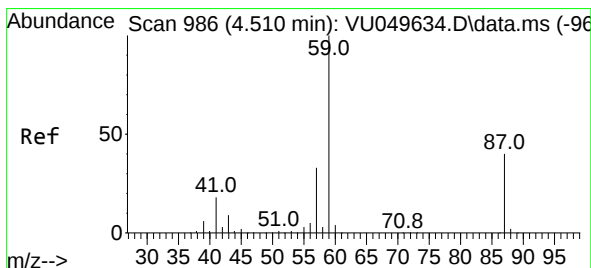
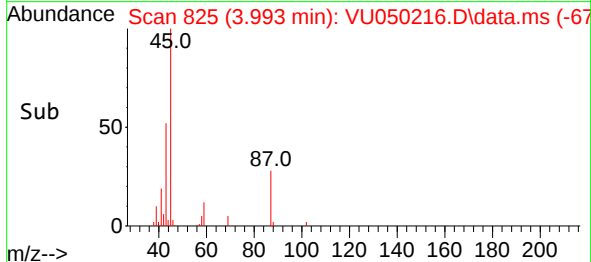
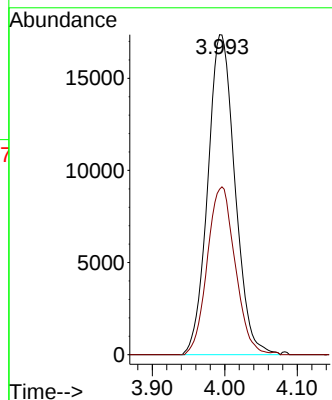
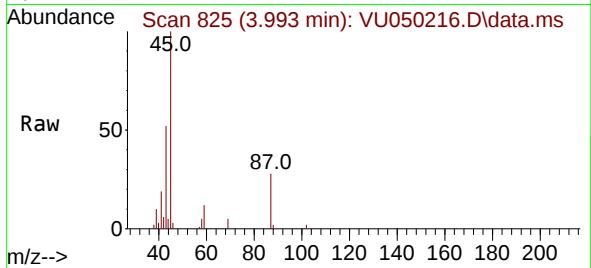
#31
Isopropyl Ether
Concen: 1.957 ug/l
RT: 3.993 min Scan# 81
Delta R.T. -0.006 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01

Tgt Ion: 45 Resp: 4530
Ion Ratio Lower Upper
45 100
43 53.7 23.8 71.2

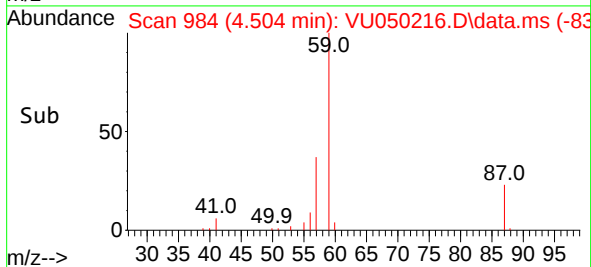
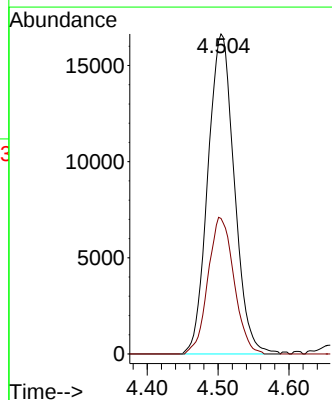
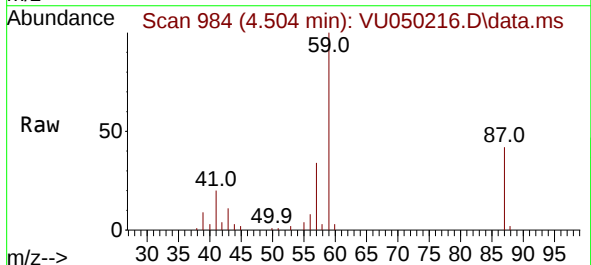
Manual Integrations
APPROVED

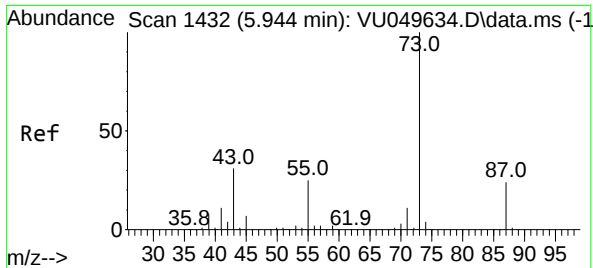
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#32
Ethyl-t-butyl ether
Concen: 1.949 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.006 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

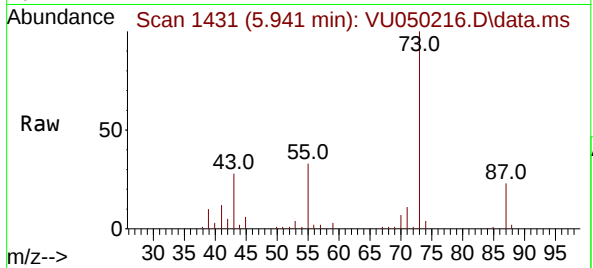
Tgt Ion: 59 Resp: 43154
Ion Ratio Lower Upper
59 100
87 41.9 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 1.888 ug/l
RT: 5.941 min Scan# 1432
Delta R.T. -0.003 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

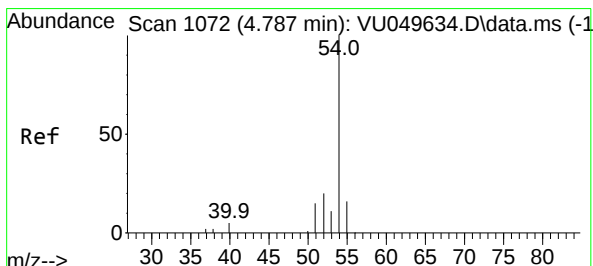
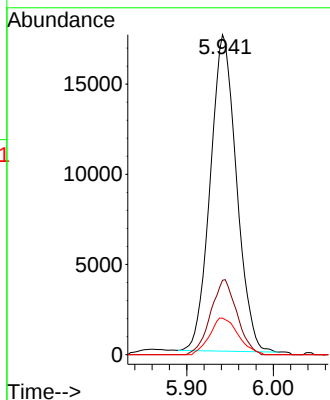
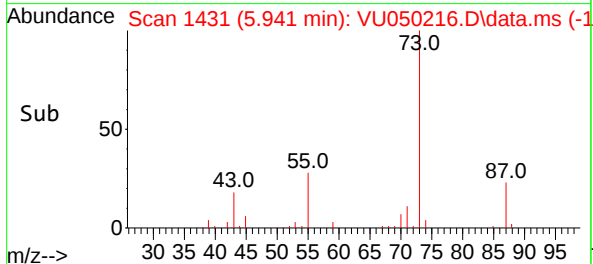
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01



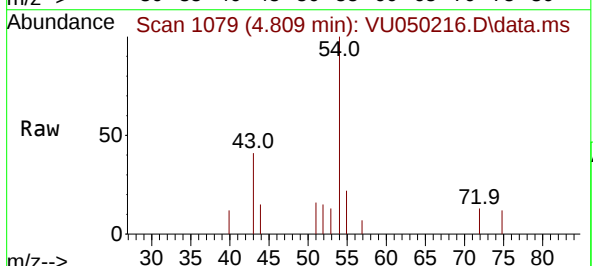
Tgt Ion: 73 Resp: 3690
Ion Ratio Lower Upper
73 100
87 23.8 19.7 29.5
71 12.6 9.0 13.4

Manual Integrations
APPROVED

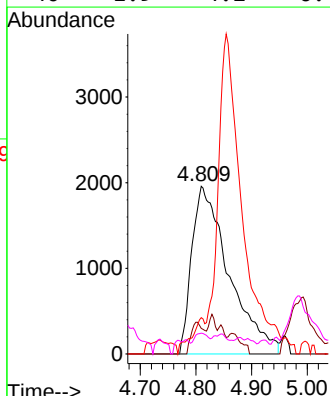
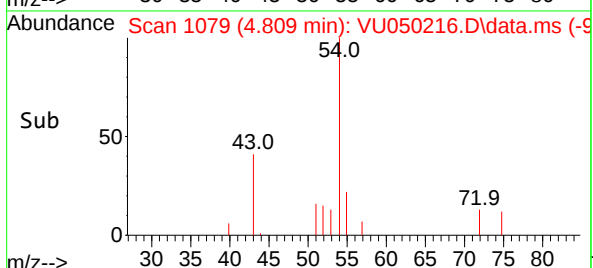
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

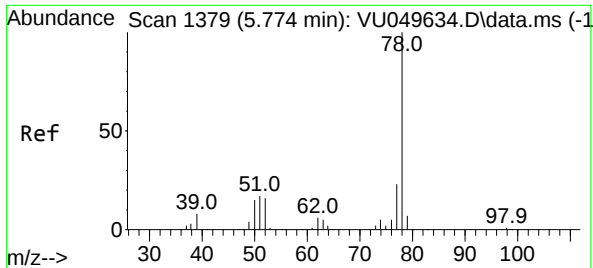


#34
Propionitrile
Concen: 9.793 ug/l
RT: 4.809 min Scan# 1079
Delta R.T. 0.022 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01



Tgt Ion: 54 Resp: 9086
Ion Ratio Lower Upper
54 100
52 6.7 15.0 22.6#
55 7.8 12.6 19.0#
40 1.9 4.2 6.4#





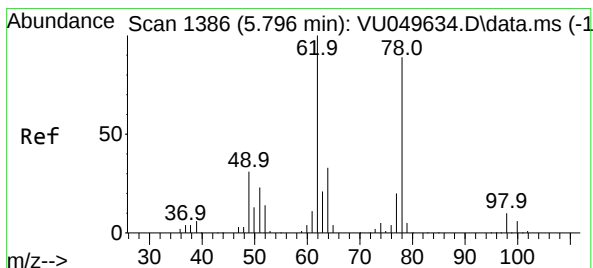
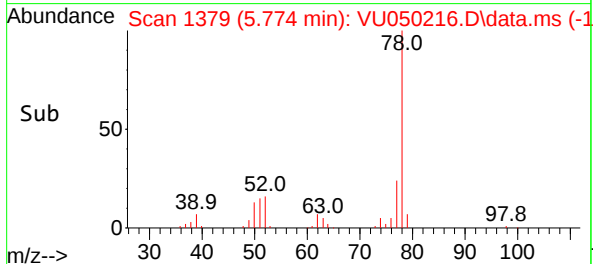
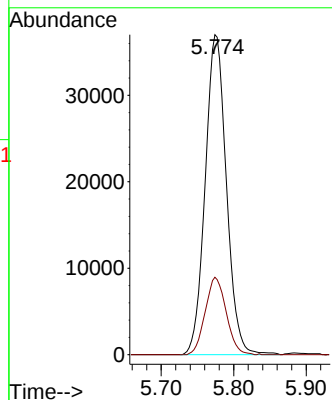
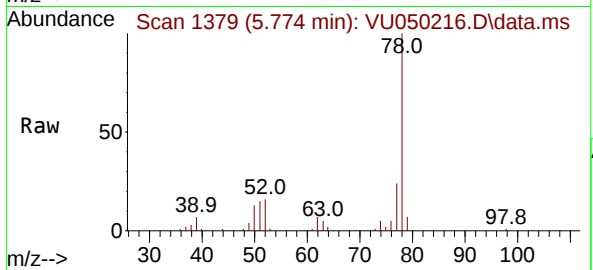
#35
Benzene
Concen: 1.974 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01

Tgt Ion: 78 Resp: 75274
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0

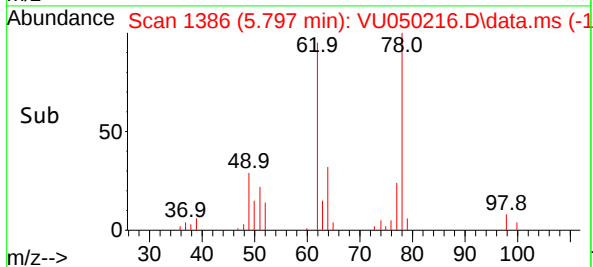
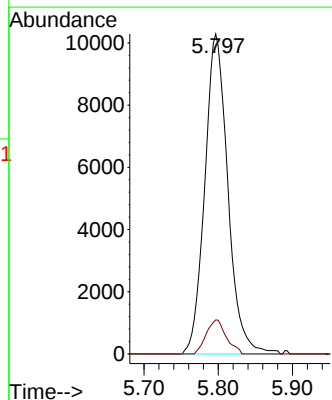
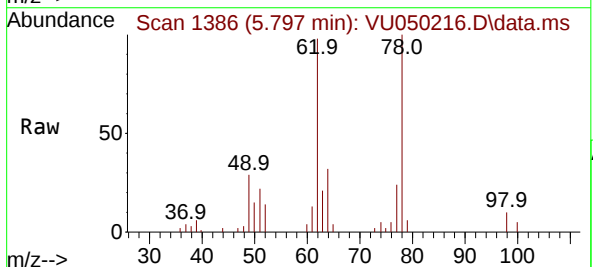
Manual Integrations
APPROVED

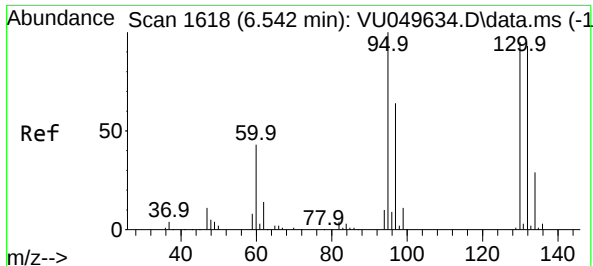
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#36
1,2-Dichloroethane
Concen: 2.017 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

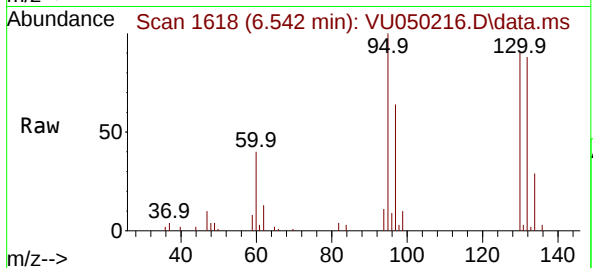
Tgt Ion: 62 Resp: 22216
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





#37
Trichloroethene
Concen: 1.909 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

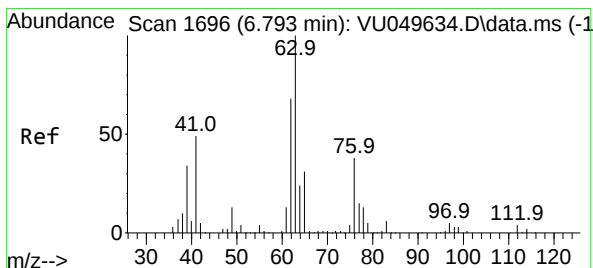
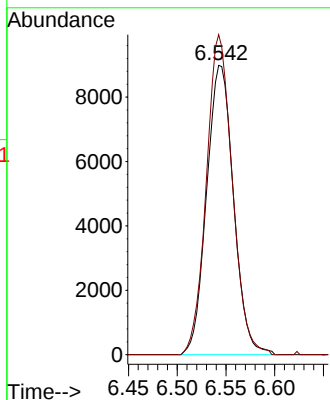
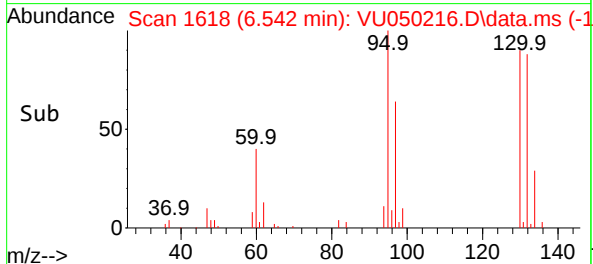
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01



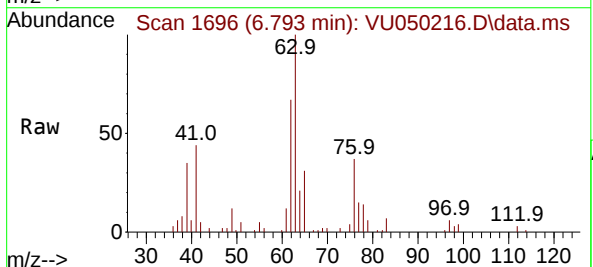
Tgt Ion:130 Resp: 1728
Ion Ratio Lower Upper
130 100
95 110.6 83.8 125.8

Manual Integrations
APPROVED

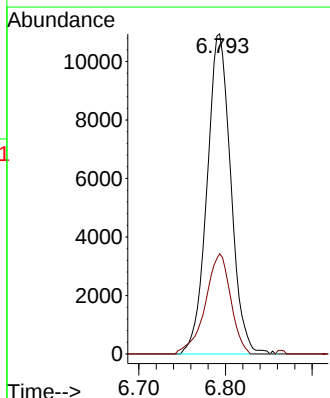
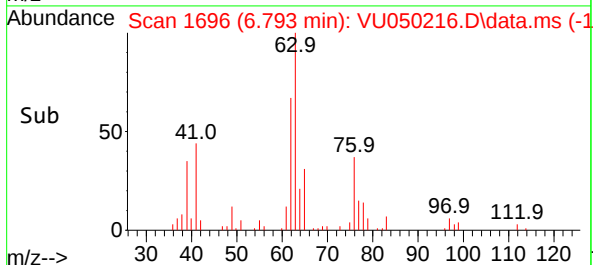
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

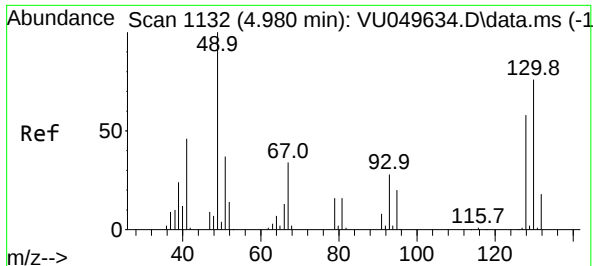


#38
1,2-Dichloropropane
Concen: 1.996 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01



Tgt Ion: 63 Resp: 20845
Ion Ratio Lower Upper
63 100
65 30.3 25.0 37.4





#39

Methacrylonitrile

Concen: 1.966 ug/l

RT: 4.983 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VU050216.D

Acq: 10 Aug 2022 14:01

Instrument :

MSVOA_U

ClientSampleId :

VU0810WBS01

Tgt Ion: 41 Resp: 571

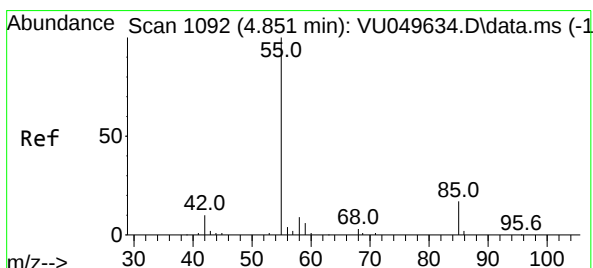
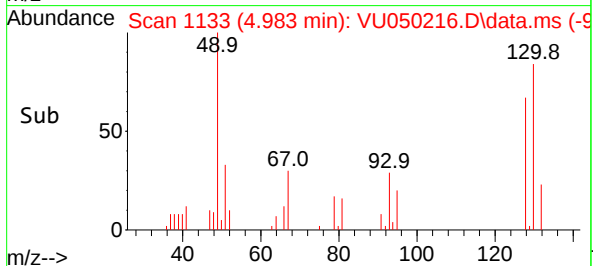
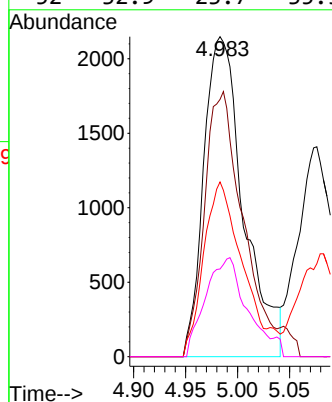
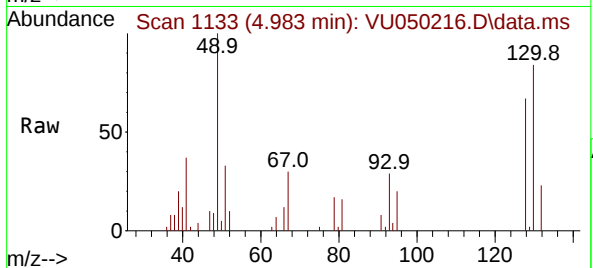
Ion	Ratio	Lower	Upper
41	100		
67	80.1	59.4	89.0
39	52.2	42.2	63.2
52	32.9	23.7	35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#40

Methyl acrylate

Concen: 2.011 ug/l

RT: 4.854 min Scan# 1093

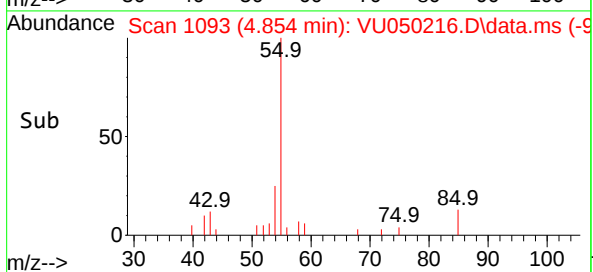
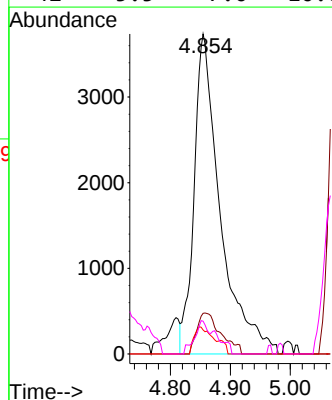
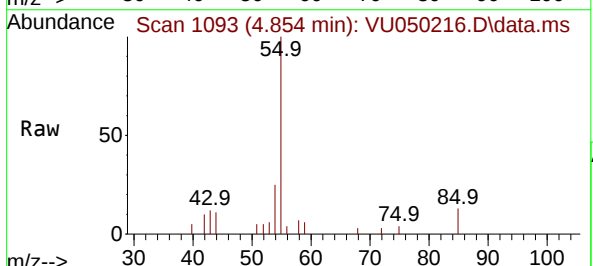
Delta R.T. 0.003 min

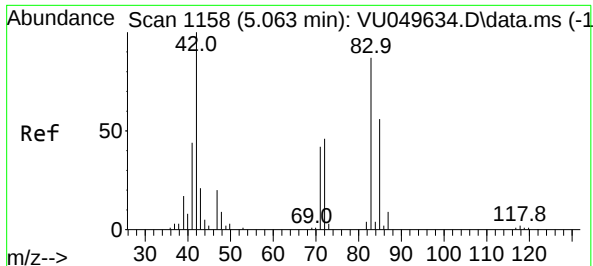
Lab File: VU050216.D

Acq: 10 Aug 2022 14:01

Tgt Ion: 55 Resp: 11342

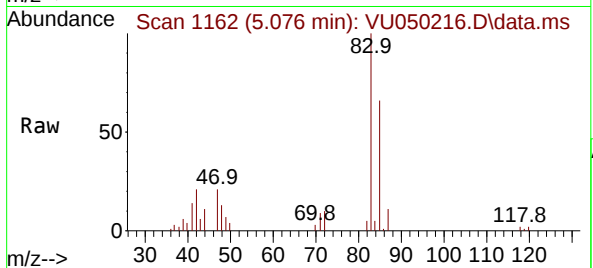
Ion	Ratio	Lower	Upper
55	100		
85	11.7	13.5	20.3#
58	5.7	7.0	10.4#
42	5.5	7.0	10.6#





#41
Tetrahydrofuran
Concen: 3.760 ug/l
RT: 5.076 min Scan# 1158
Delta R.T. 0.013 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

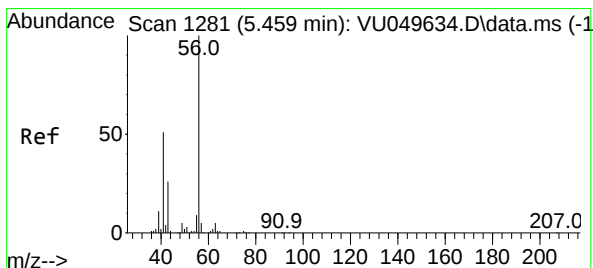
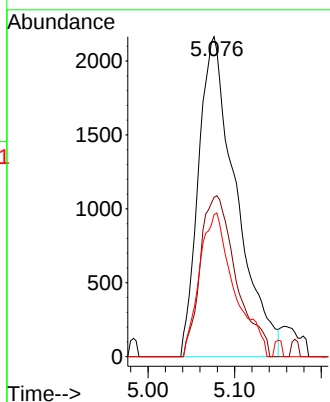
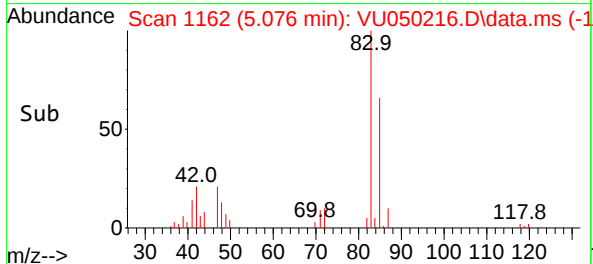
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01



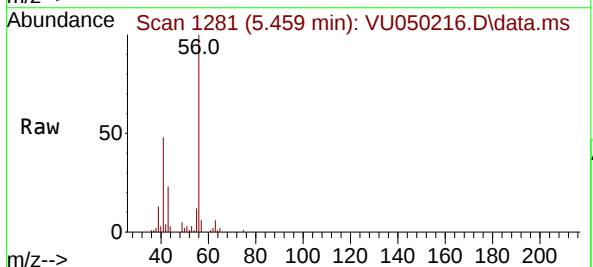
Tgt Ion: 42 Resp: 6514
Ion Ratio Lower Upper
42 100
72 48.2 38.9 58.3
71 41.6 33.7 50.5

Manual Integrations
APPROVED

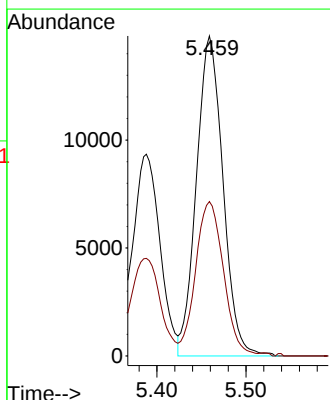
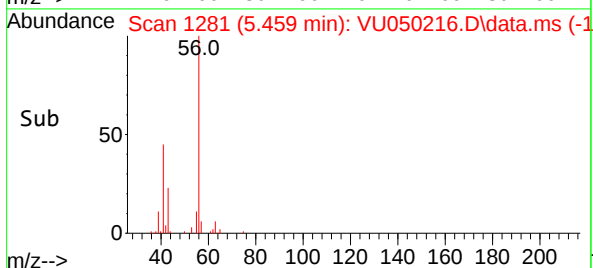
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

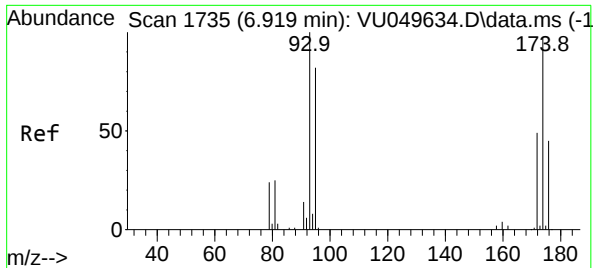


#42
1-Chlorobutane
Concen: 1.914 ug/l
RT: 5.459 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01



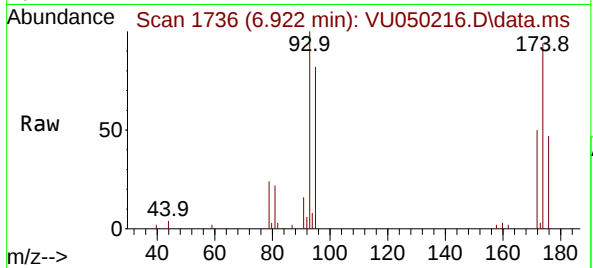
Tgt Ion: 56 Resp: 30722
Ion Ratio Lower Upper
56 100
41 49.4 26.4 79.2





#43
Dibromomethane
Concen: 1.980 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

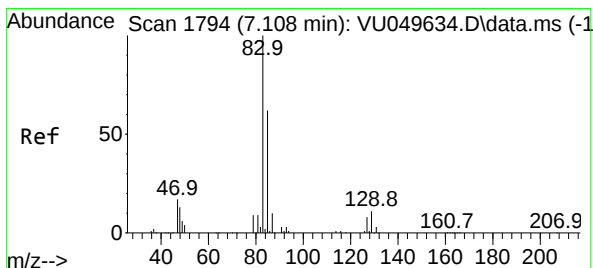
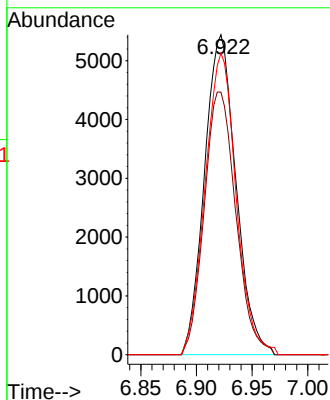
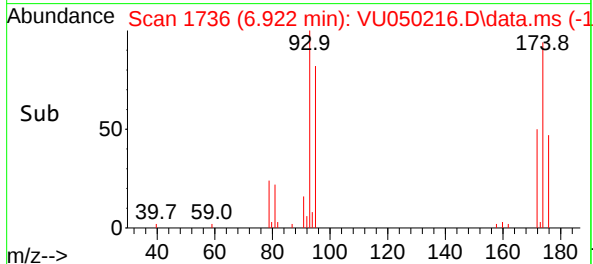
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01



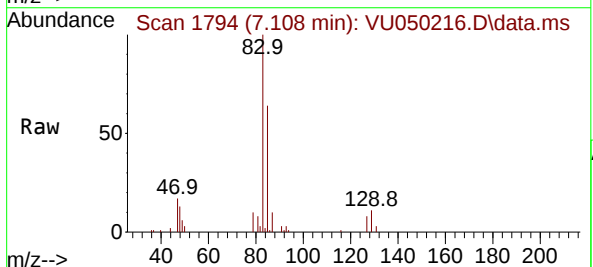
Tgt Ion: 93 Resp: 10709
Ion Ratio Lower Upper
93 100
95 82.5 65.0 97.6
174 92.7 76.3 114.5

Manual Integrations
APPROVED

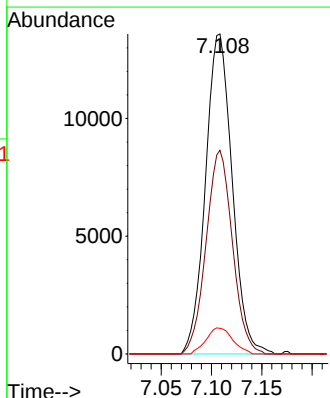
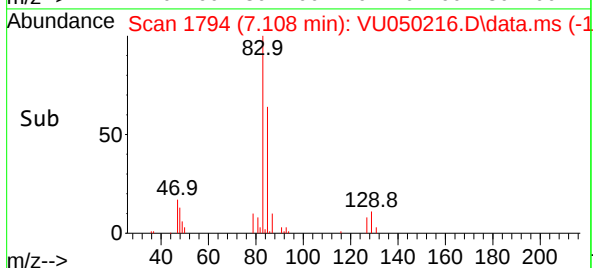
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#44
Bromodichloromethane
Concen: 1.976 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01



Tgt Ion: 83 Resp: 25088
Ion Ratio Lower Upper
83 100
85 63.6 49.4 74.0
127 8.0 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 9.595 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU050216.D

Acq: 10 Aug 2022 14:01

Instrument :

MSVOA_U

ClientSampleId :

VU0810WBS01

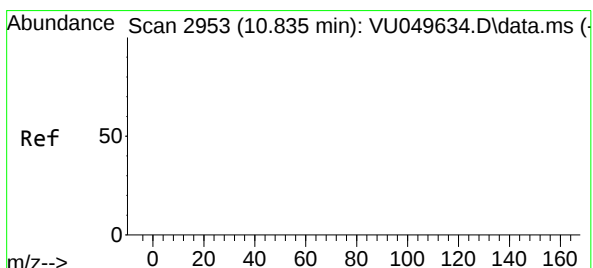
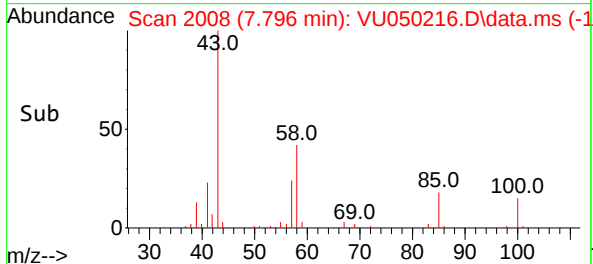
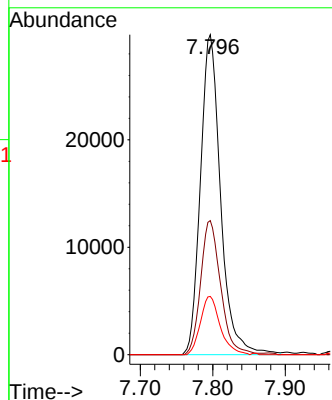
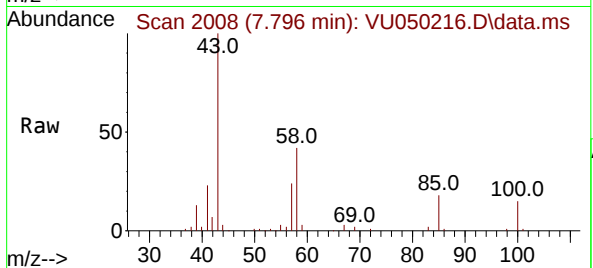
Tgt Ion:	43	Resp:	57574
Ion Ratio	Lower	Upper	
43	100		
58	41.5	20.3	61.0
85	17.9	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#46

t-1,4-Dichloro-2-butene

Concen: 4.220 ug/l m

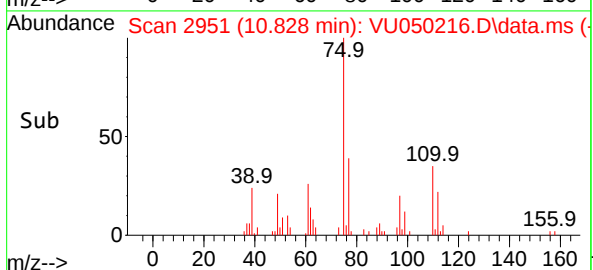
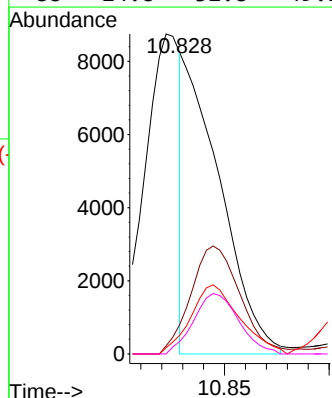
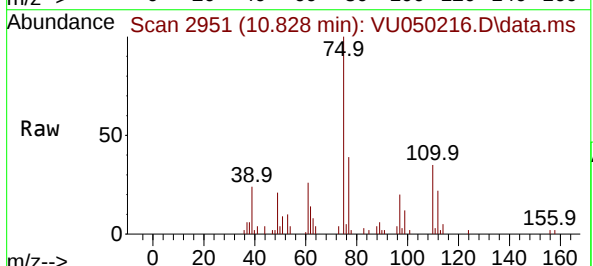
RT: 10.828 min Scan# 2951

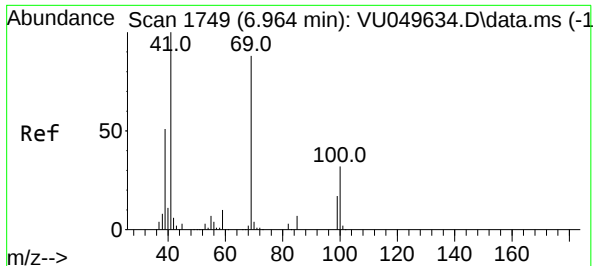
Delta R.T. -0.007 min

Lab File: VU050216.D

Acq: 10 Aug 2022 14:01

Tgt Ion:	75	Resp:	10014
Ion Ratio	Lower	Upper	
75	100		
53	48.6	64.4	96.6#
89	30.6	44.2	66.2#
88	24.8	32.8	49.2#





#47

Methyl methacrylate

Concen: 4.031 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU050216.D

Acq: 10 Aug 2022 14:01

Instrument :

MSVOA_U

ClientSampleId :

VU0810WBS01

Tgt Ion: 69 Resp: 18930

Ion Ratio Lower Upper

69 100

41 98.1 0.0 225.4

39 48.6 45.8 68.8

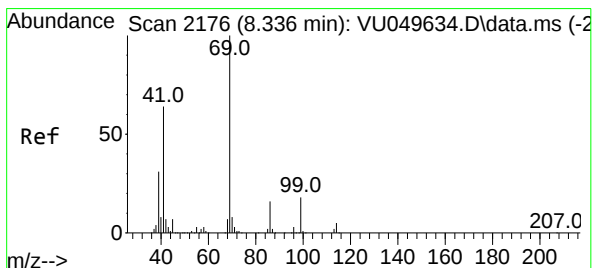
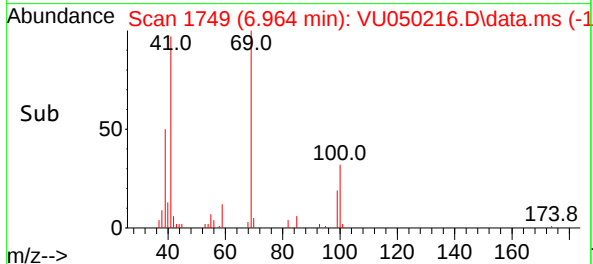
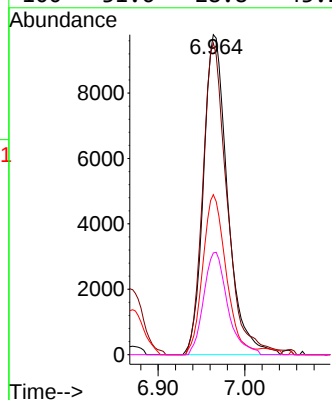
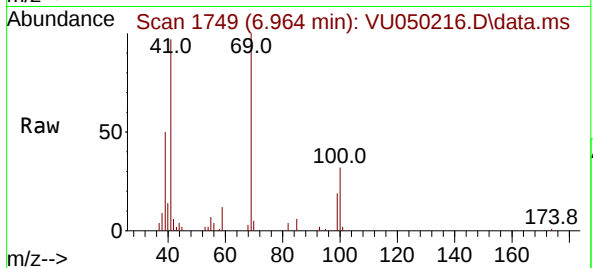
100 31.6 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#48

Ethyl methacrylate

Concen: 1.883 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.001 min

Lab File: VU050216.D

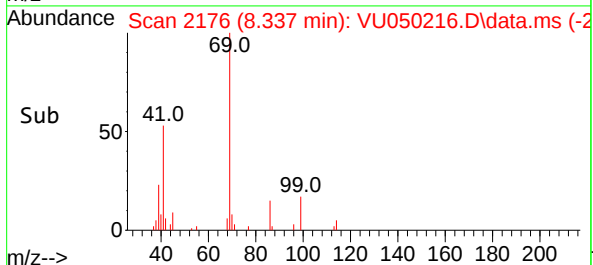
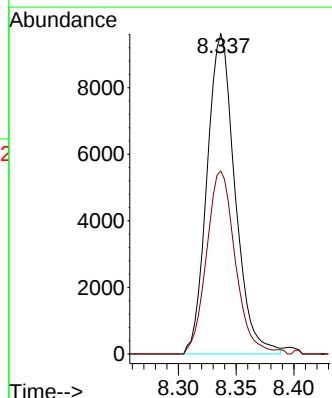
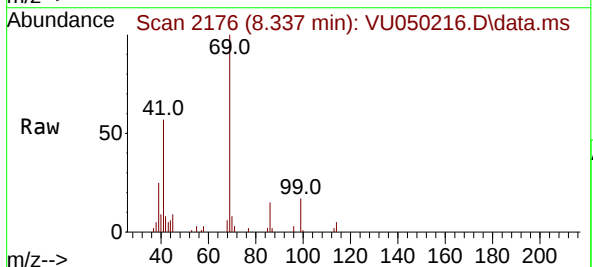
Acq: 10 Aug 2022 14:01

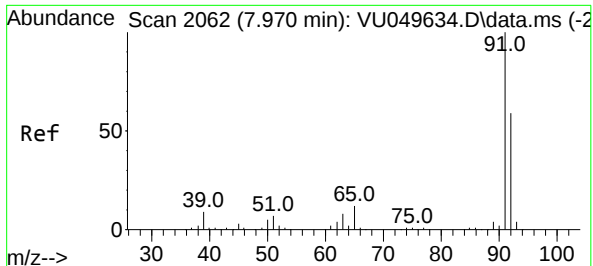
Tgt Ion: 69 Resp: 16214

Ion Ratio Lower Upper

69 100

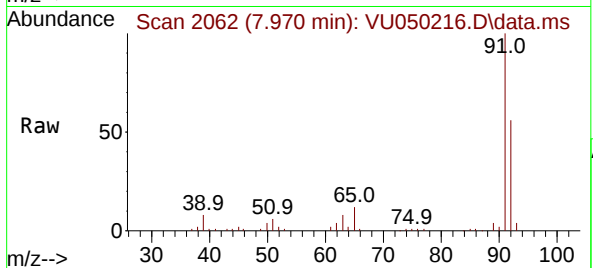
41 58.8 32.3 96.9





#49
Toluene
Concen: 1.887 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

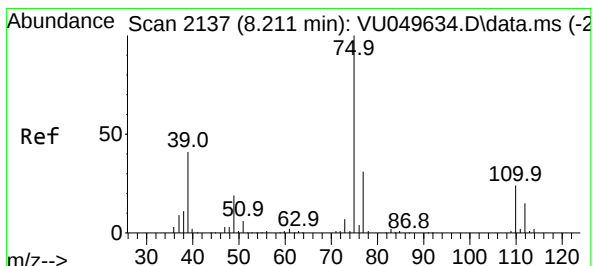
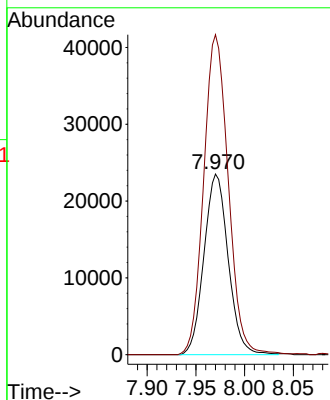
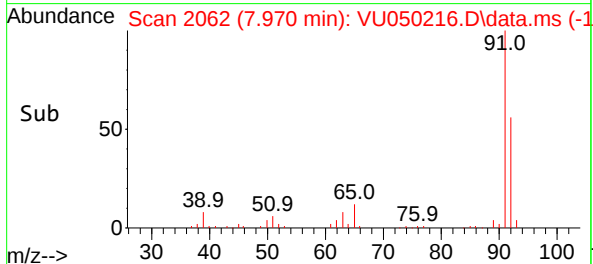
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01



Tgt Ion: 92 Resp: 4067
Ion Ratio Lower Upper
92 100
91 179.7 138.6 207.8

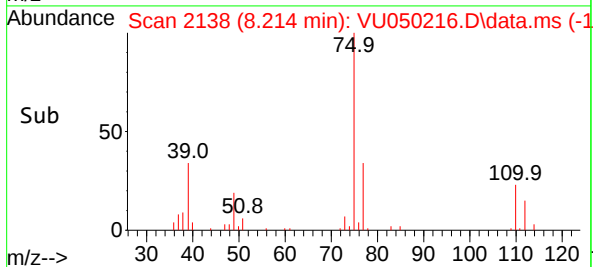
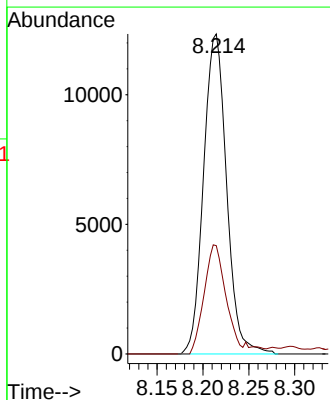
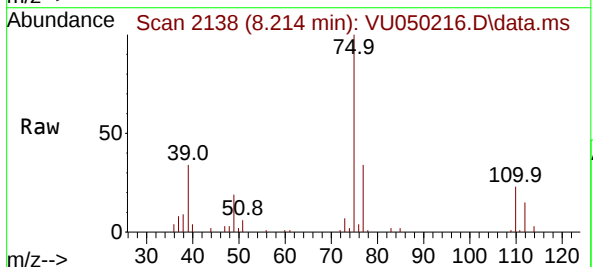
Manual Integrations
APPROVED

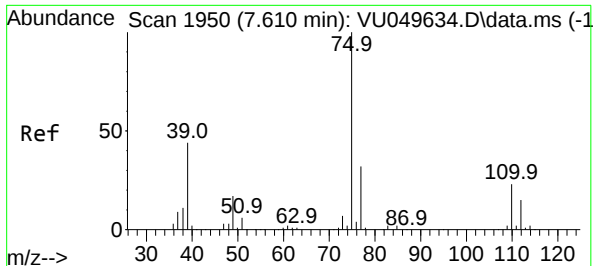
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#50
t-1,3-Dichloropropene
Concen: 1.943 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

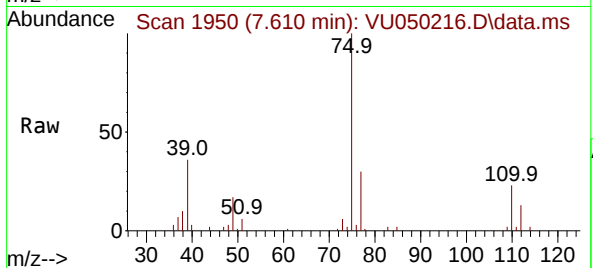
Tgt Ion: 75 Resp: 21596
Ion Ratio Lower Upper
75 100
77 33.8 24.7 37.1





#51
 cis-1,3-Dichloropropene
 Concen: 1.925 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VU050216.D
 Acq: 10 Aug 2022 14:01

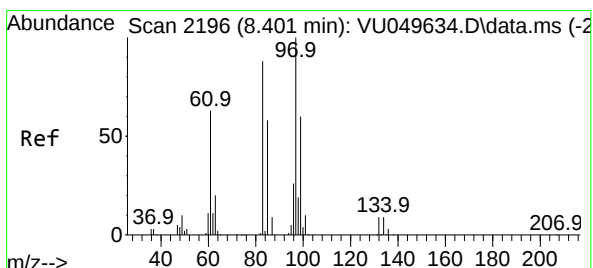
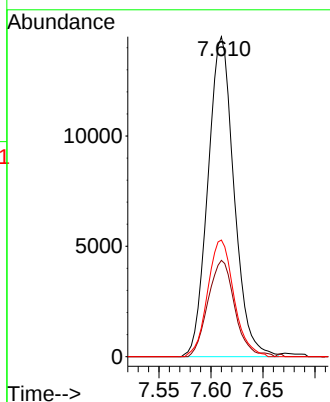
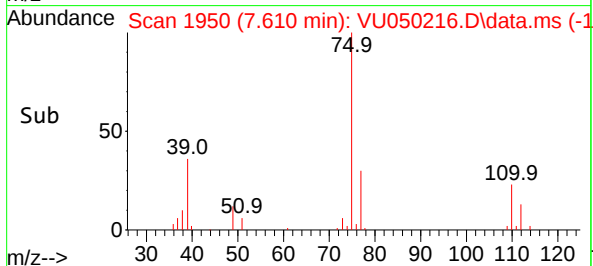
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0810WBS01



Tgt Ion: 75 Resp: 25310
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.0
 39 36.5 35.1 52.7

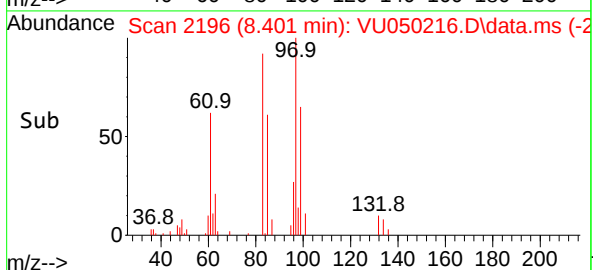
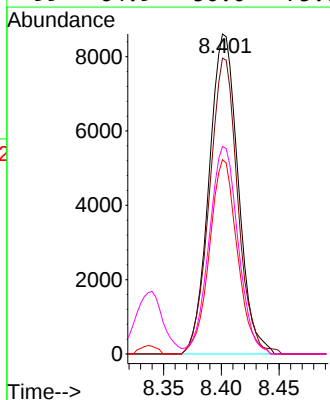
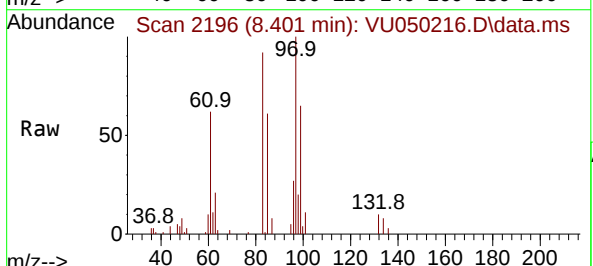
Manual Integrations
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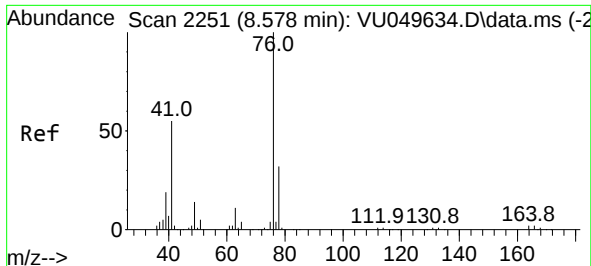
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#52
 1,1,2-Trichloroethane
 Concen: 1.952 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. -0.000 min
 Lab File: VU050216.D
 Acq: 10 Aug 2022 14:01

Tgt Ion: 97 Resp: 15060
 Ion Ratio Lower Upper
 97 100
 83 92.4 70.6 106.0
 85 60.7 46.2 69.4
 99 64.9 50.0 75.0





#53

1,3-Dichloropropane

Concen: 1.952 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU050216.D

Acq: 10 Aug 2022 14:01

Instrument :

MSVOA_U

ClientSampleId :

VU0810WBS01

Tgt Ion: 76 Resp: 2540

Ion Ratio Lower Upper

76 100

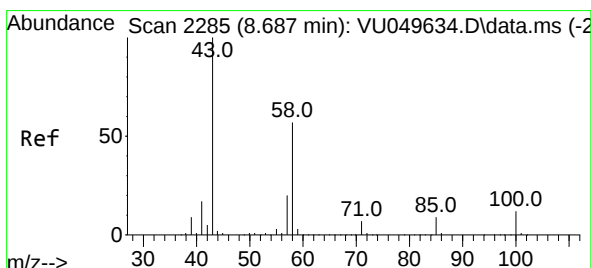
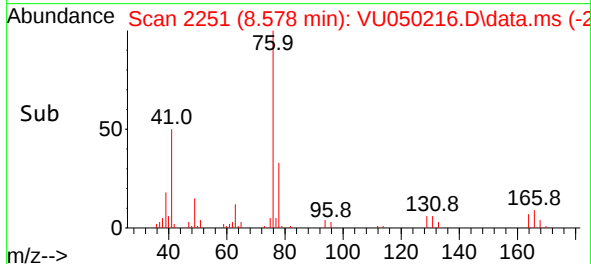
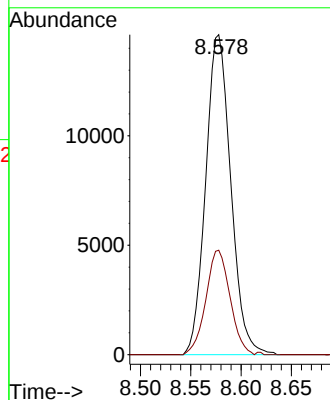
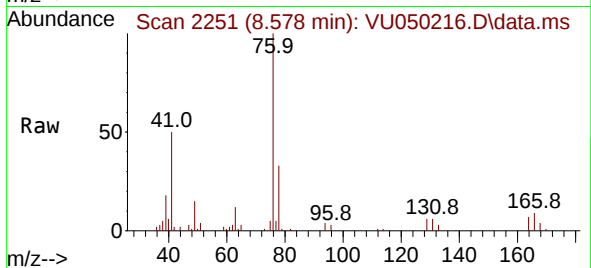
78 31.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#54

2-Hexanone

Concen: 9.146 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU050216.D

Acq: 10 Aug 2022 14:01

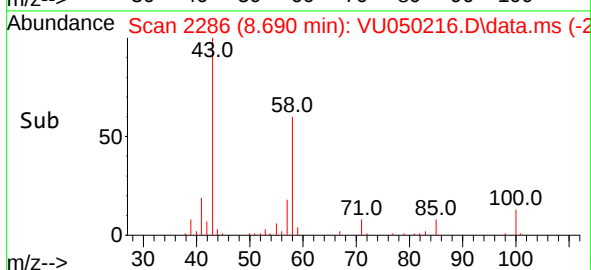
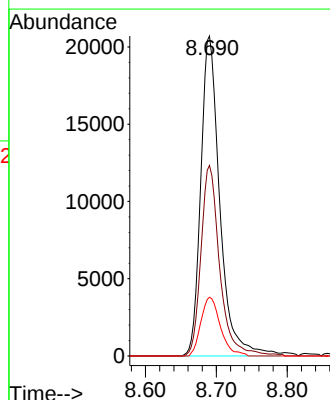
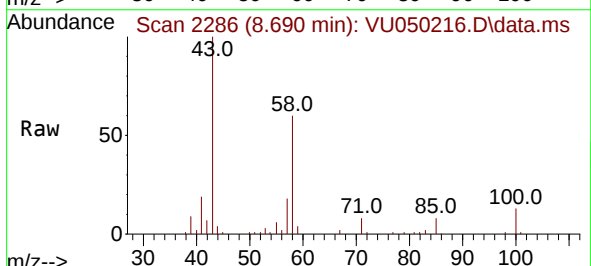
Tgt Ion: 43 Resp: 38717

Ion Ratio Lower Upper

43 100

58 58.4 37.1 77.1

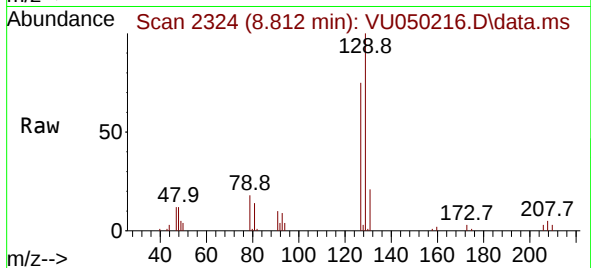
57 18.8 0.0 39.5





#55
Dibromochloromethane
Concen: 1.933 ug/l
RT: 8.812 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

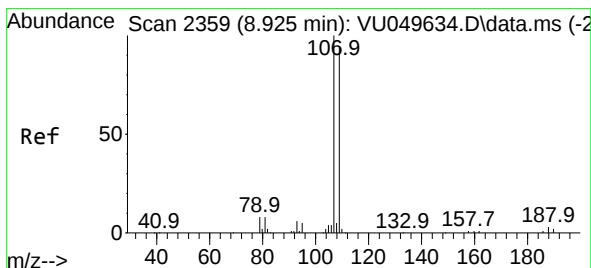
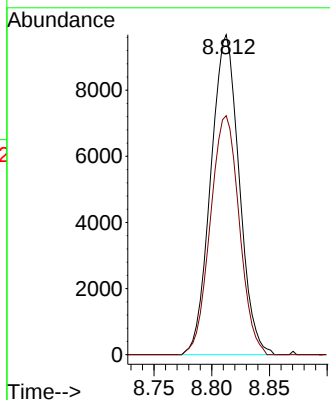
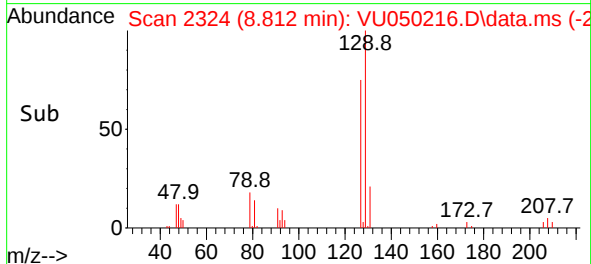
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01



Tgt Ion:129 Resp: 16572
Ion Ratio Lower Upper
129 100
127 76.1 61.2 91.8

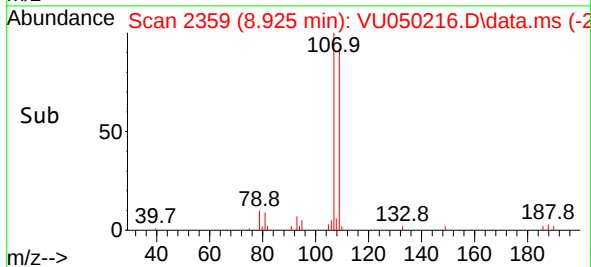
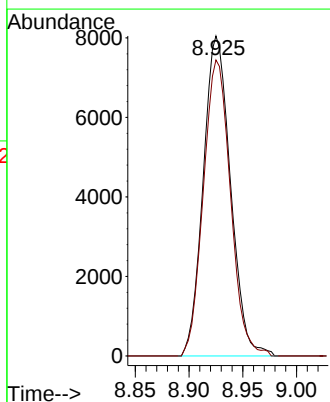
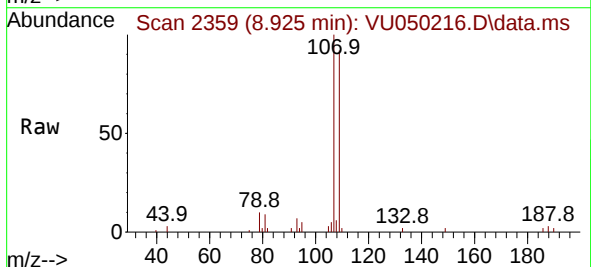
Manual Integrations
APPROVED

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



#56
1,2-Dibromoethane
Concen: 2.008 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

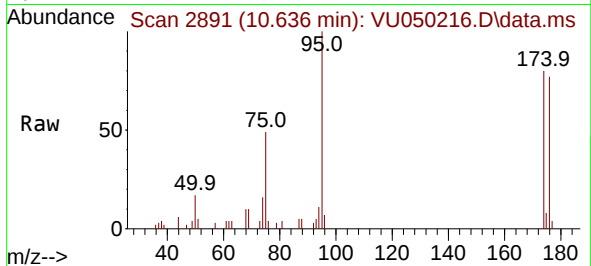
Tgt Ion:107 Resp: 14217
Ion Ratio Lower Upper
107 100
109 91.9 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 0.947 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.004 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

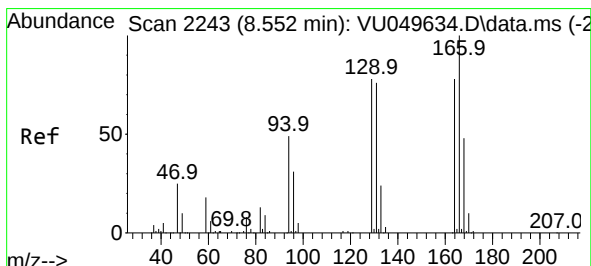
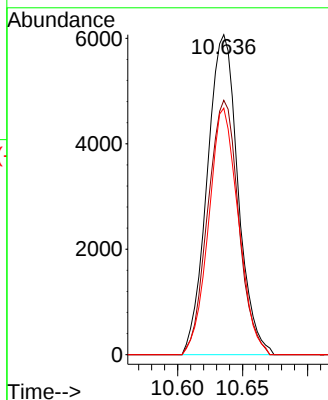
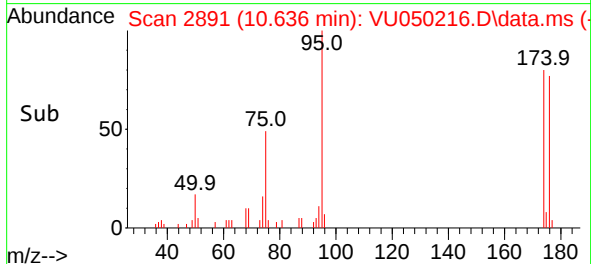
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01



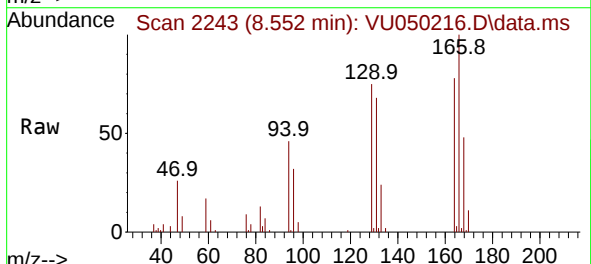
Tgt Ion: 95 Resp: 10018
Ion Ratio Lower Upper
95 100
174 79.3 62.4 93.6
176 74.2 56.2 84.2

Manual Integrations
APPROVED

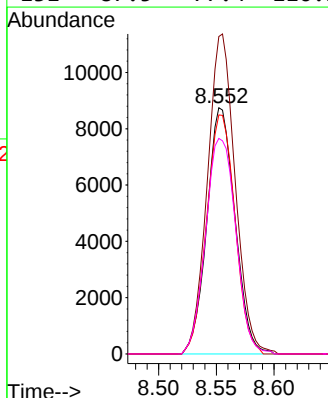
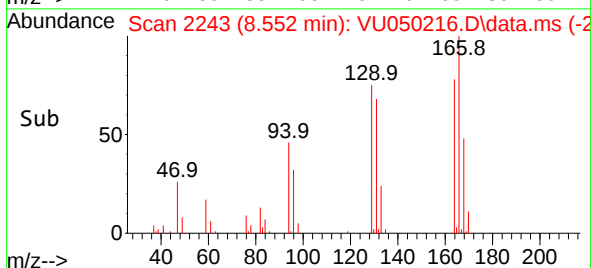
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

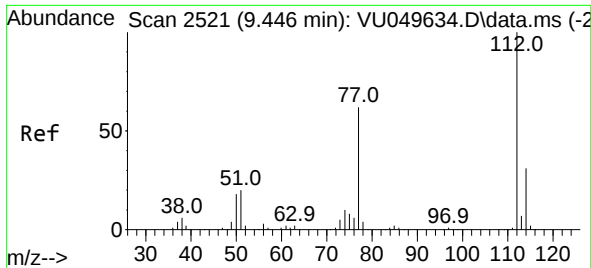


#58
Tetrachloroethene
Concen: 1.928 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01



Tgt Ion:164 Resp: 14786
Ion Ratio Lower Upper
164 100
166 128.9 102.4 153.6
129 97.1 79.5 119.3
131 87.5 77.4 116.2





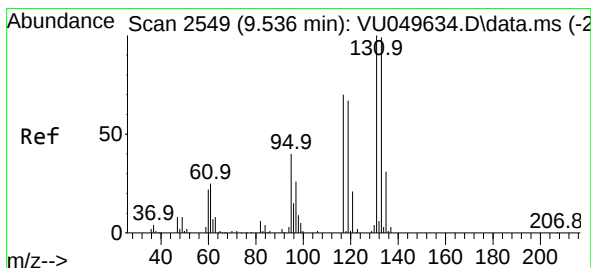
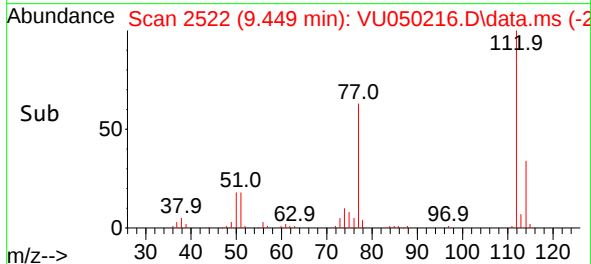
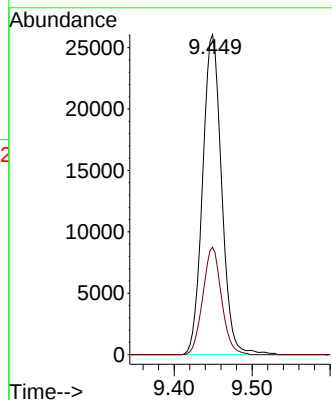
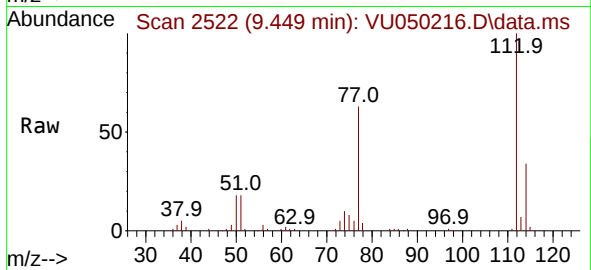
#59
Chlorobenzene
Concen: 1.929 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01

Tgt Ion:112 Resp: 4414
Ion Ratio Lower Upper
112 100
114 33.6 24.9 37.3

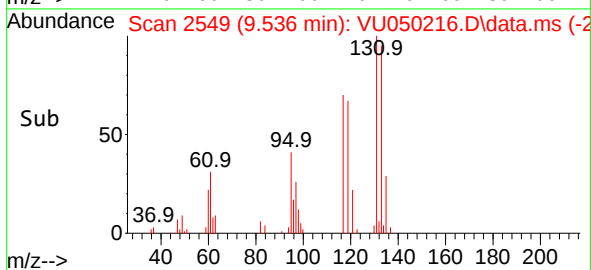
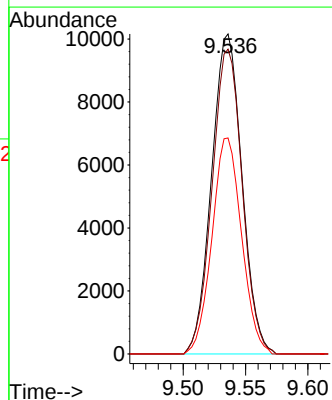
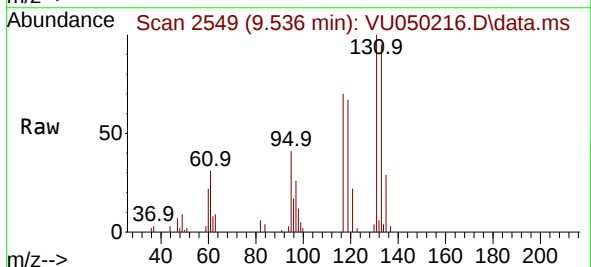
Manual Integrations
APPROVED

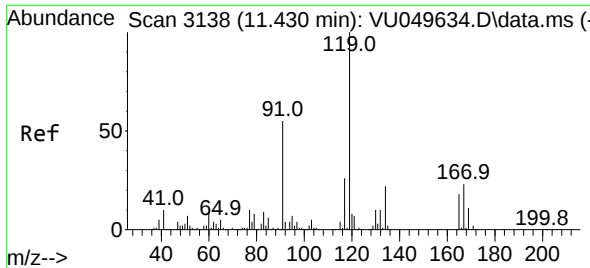
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#60
1,1,1,2-Tetrachloroethane
Concen: 1.923 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

Tgt Ion:131 Resp: 17241
Ion Ratio Lower Upper
131 100
133 94.6 78.3 117.5
119 65.8 53.2 79.8





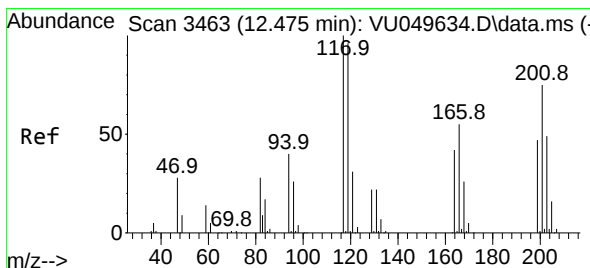
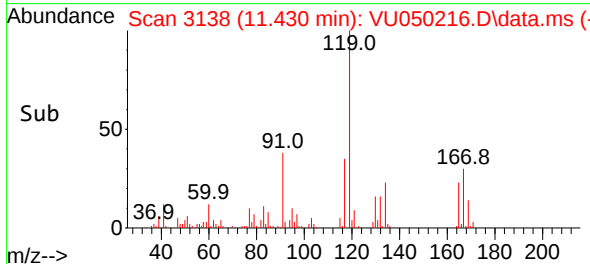
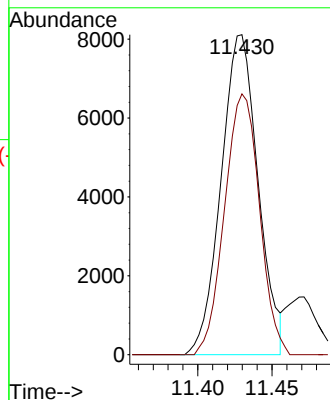
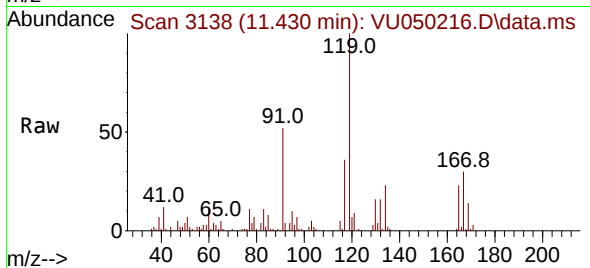
#61
Pentachloroethane
Concen: 1.934 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01

Tgt Ion:117 Resp: 14068
Ion Ratio Lower Upper
117 100
167 76.9 66.2 99.4

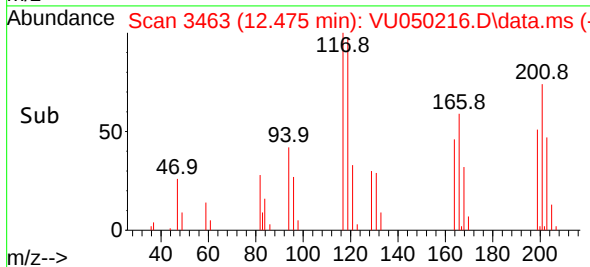
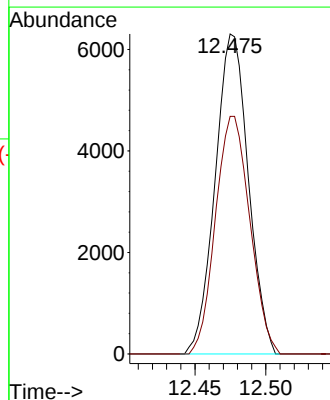
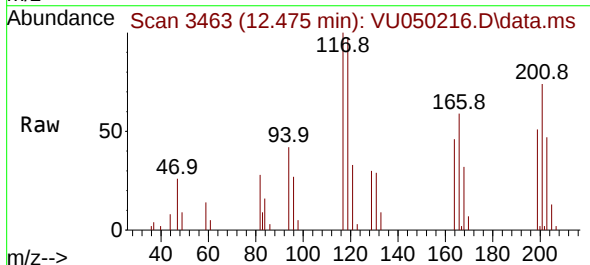
Manual Integrations
APPROVED

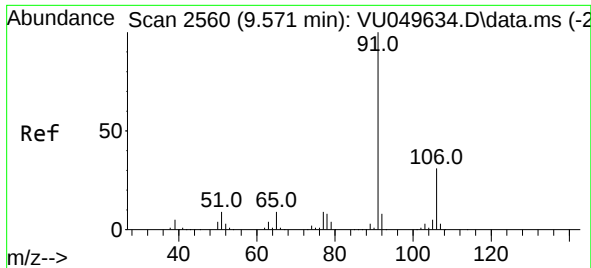
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#62
Hexachloroethane
Concen: 1.790 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

Tgt Ion:117 Resp: 10278
Ion Ratio Lower Upper
117 100
201 76.8 61.0 91.4





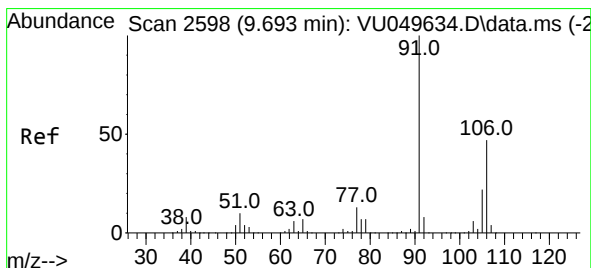
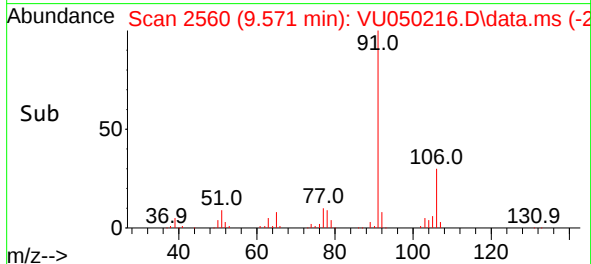
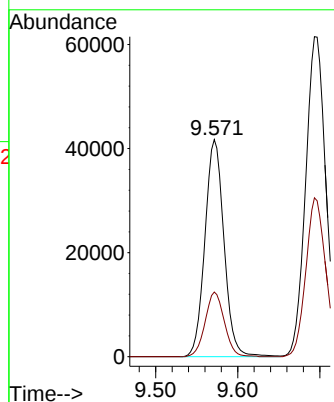
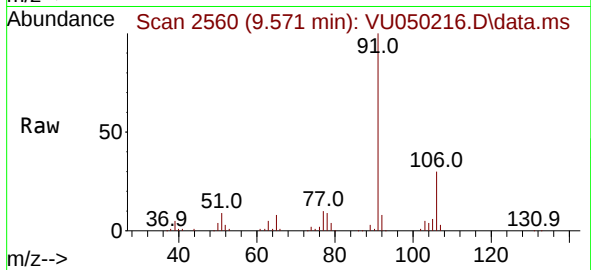
#63
Ethyl Benzene
Concen: 1.816 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01

Tgt Ion: 91 Resp: 67454
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6

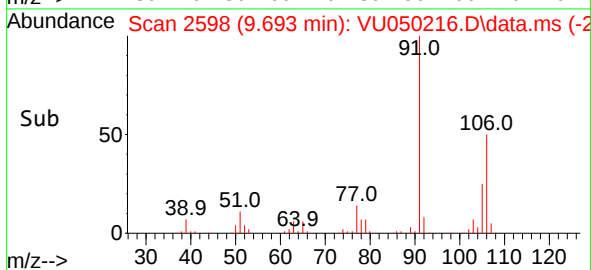
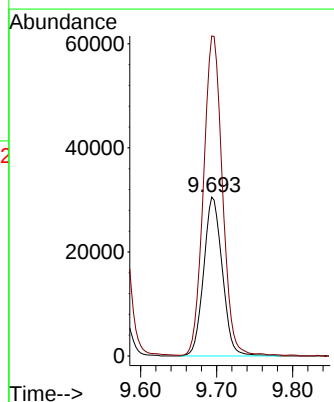
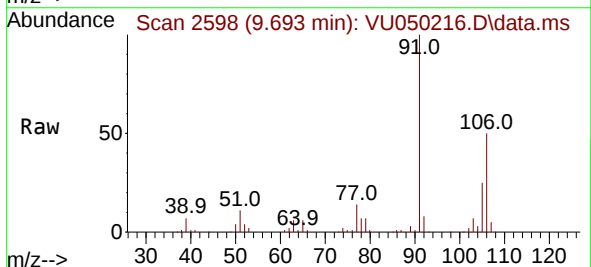
Manual Integrations
APPROVED

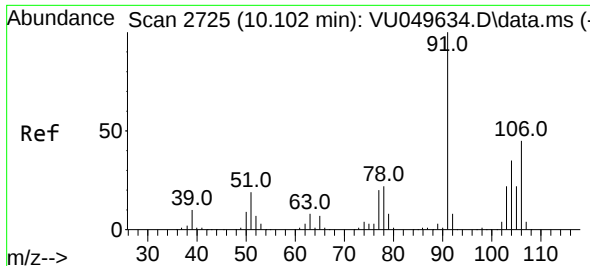
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#64
m/p-Xylenes
Concen: 3.681 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

Tgt Ion:106 Resp: 51947
Ion Ratio Lower Upper
106 100
91 202.9 167.8 251.6





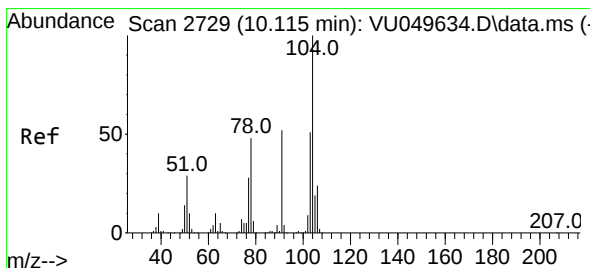
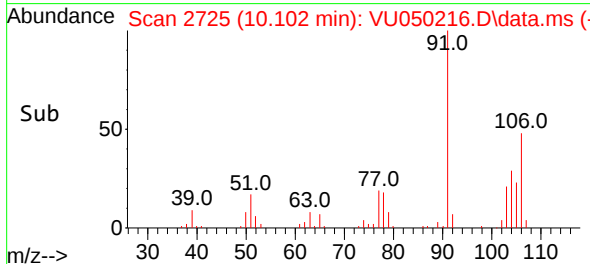
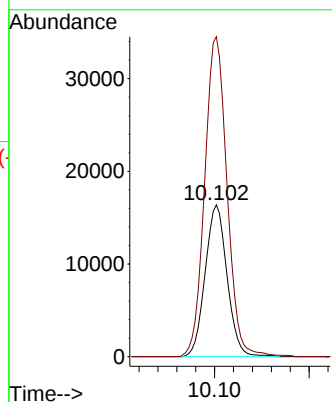
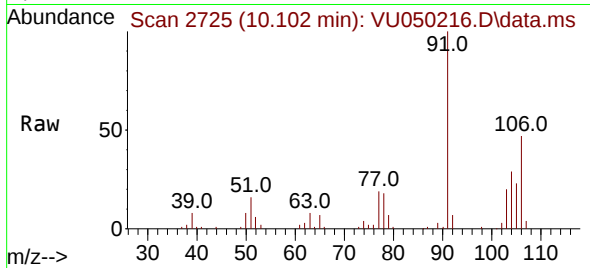
#65
o-Xylene
Concen: 1.915 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01

Tgt Ion:106 Resp: 2639
Ion Ratio Lower Upper
106 100
91 215.3 111.1 333.2

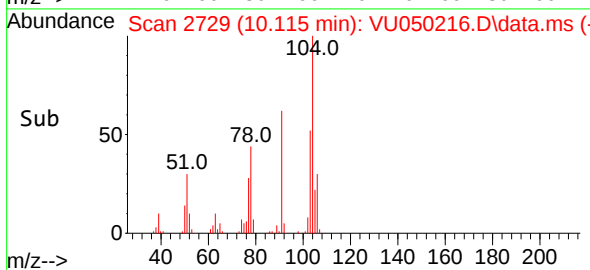
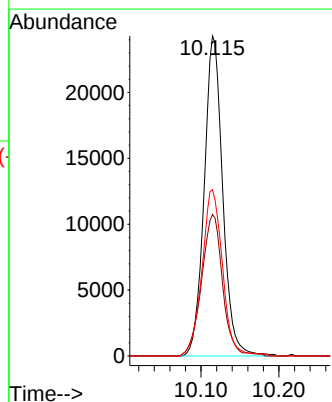
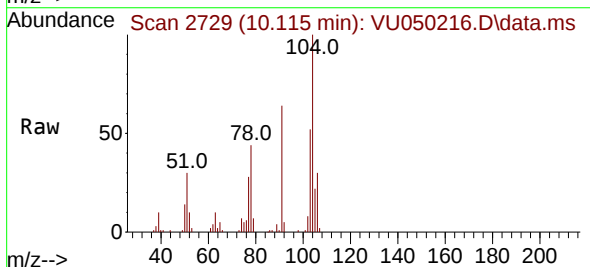
Manual Integrations
APPROVED

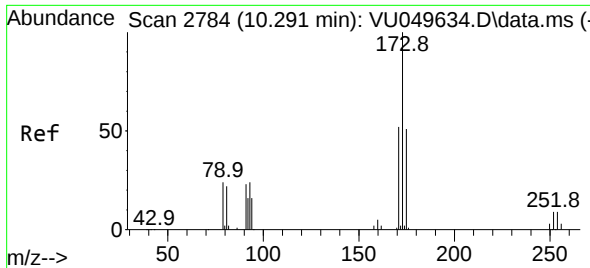
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#66
Styrene
Concen: 1.826 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

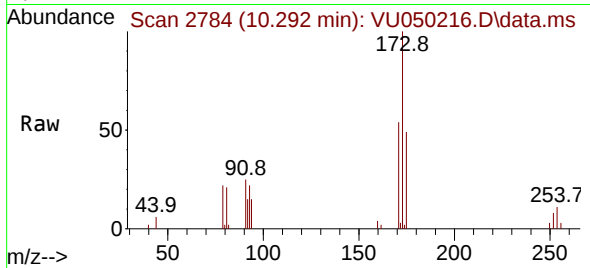
Tgt Ion:104 Resp: 40193
Ion Ratio Lower Upper
104 100
78 49.9 42.1 63.1
103 57.4 44.5 66.7





#67
Bromoform
Concen: 1.873 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

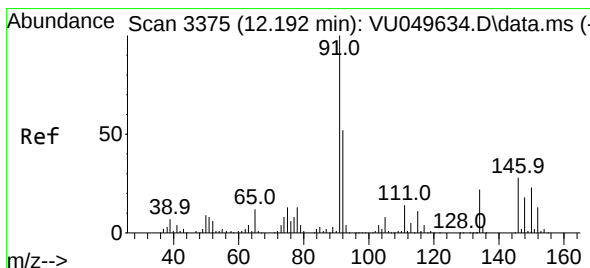
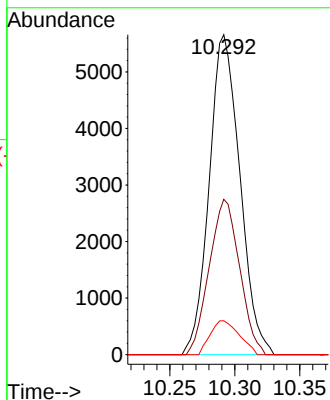
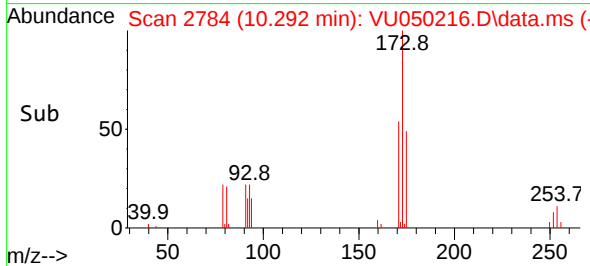
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01



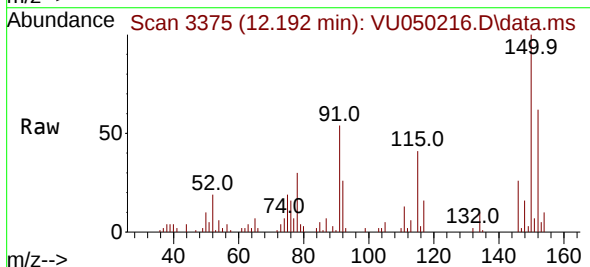
Tgt Ion:173 Resp: 928
Ion Ratio Lower Upper
173 100
175 48.0 38.4 57.6
254 10.0 7.7 11.5

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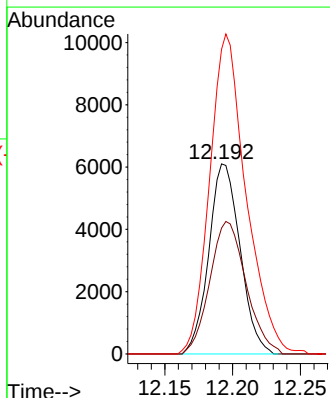
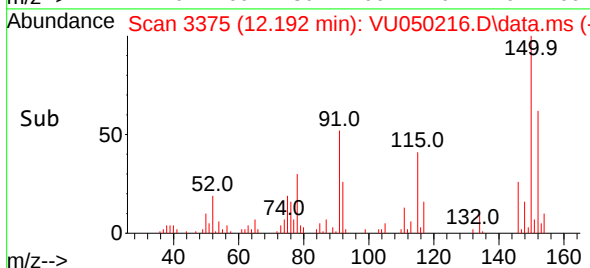
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

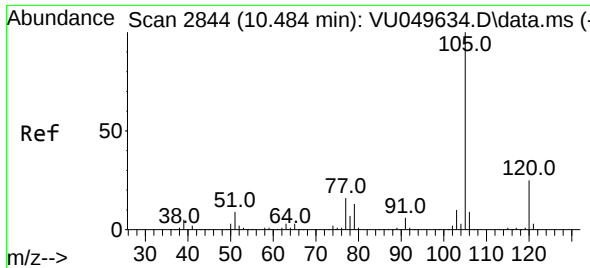


#68
1,2-Dichlorobenzene-d4
Concen: 0.916 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. -0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01



Tgt Ion:152 Resp: 9795
Ion Ratio Lower Upper
152 100
115 80.7 0.0 254.6
150 195.9 0.0 623.6





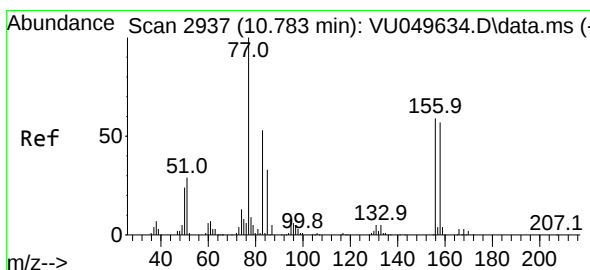
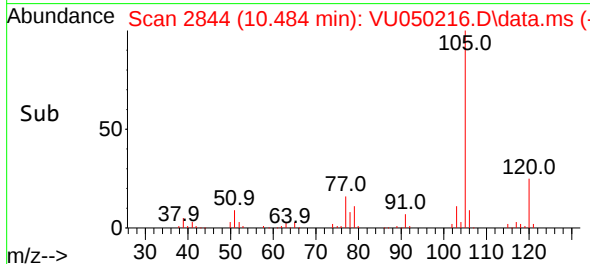
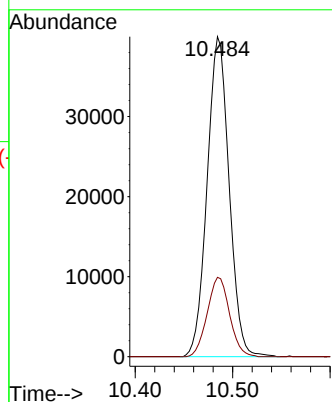
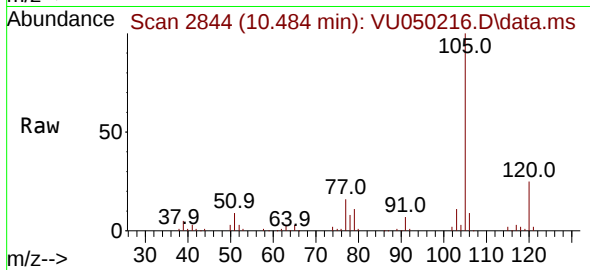
#69
Isopropylbenzene
Concen: 1.820 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01

Tgt Ion:105 Resp: 6264
Ion Ratio Lower Upper
105 100
120 25.2 12.6 37.8

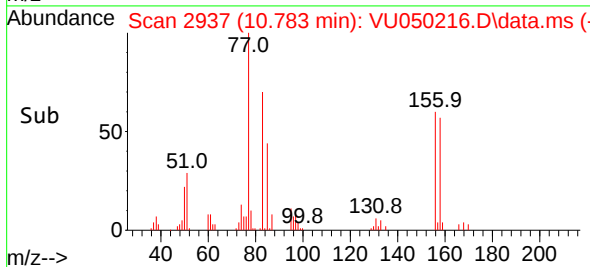
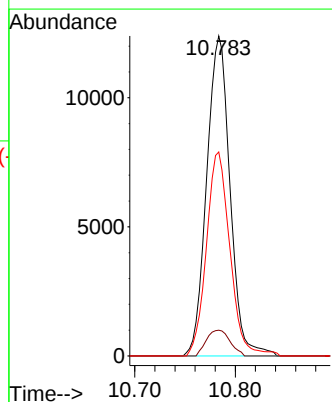
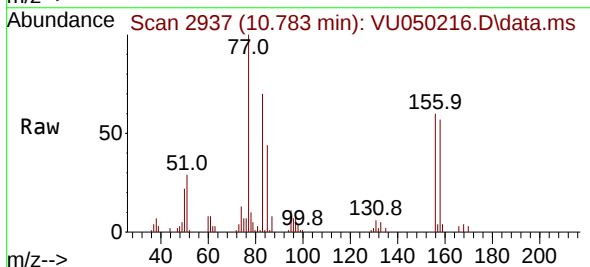
Manual Integrations
APPROVED

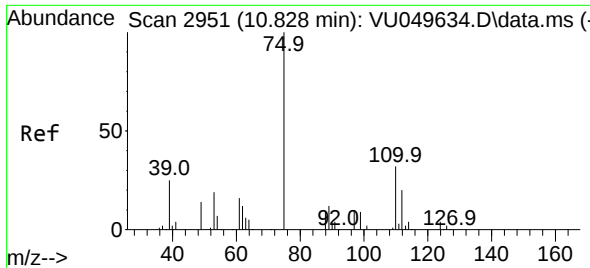
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 1.927 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

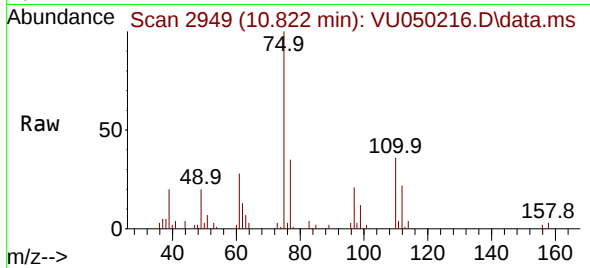
Tgt Ion: 83 Resp: 19992
Ion Ratio Lower Upper
83 100
131 8.2 7.7 11.5
85 64.3 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 1.775 ug/l m
RT: 10.822 min Scan# 2951
Delta R.T. -0.006 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01

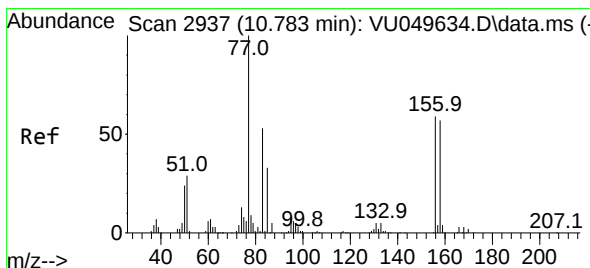
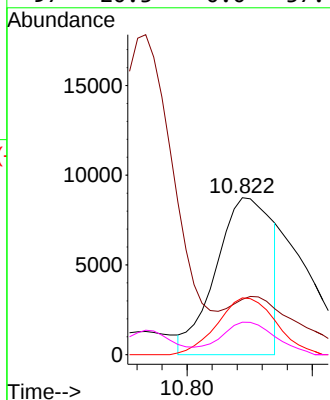
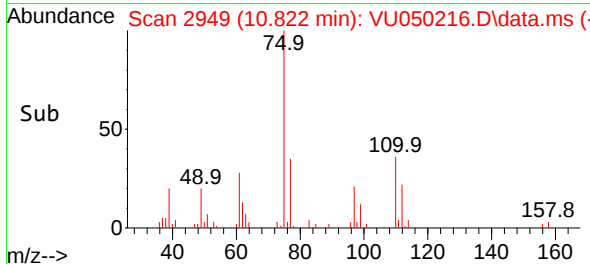


Tgt Ion: 75 Resp: 13520

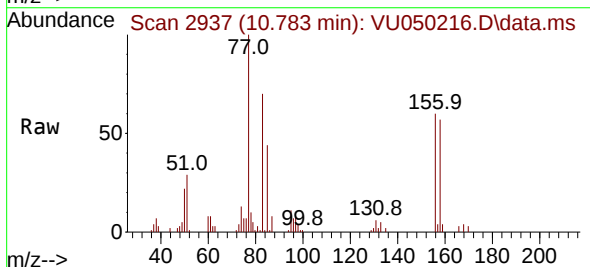
Ion	Ratio	Lower	Upper
75	100		
77	43.5	0.0	112.4
110	38.2	0.0	70.6
97	20.3	0.0	37.4

Manual Integrations
APPROVED

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

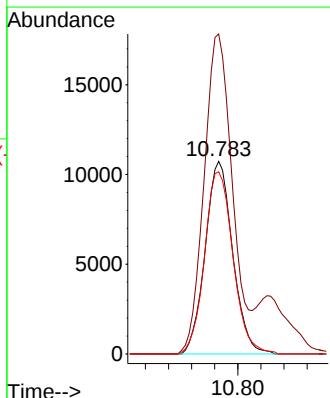
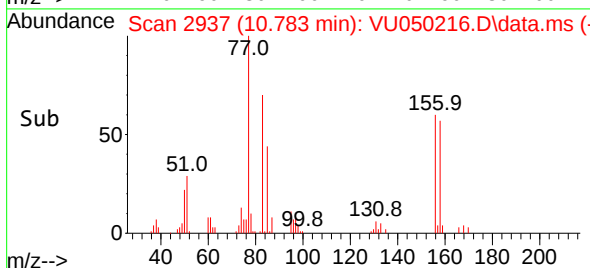


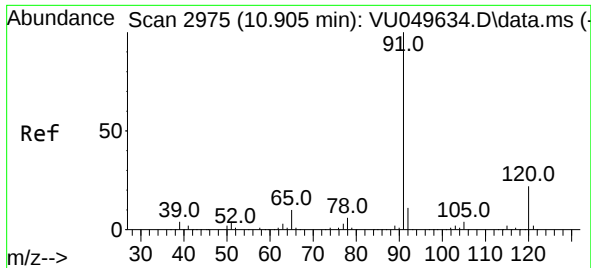
#72
Bromobenzene
Concen: 1.891 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01



Tgt Ion:156 Resp: 17752

Ion	Ratio	Lower	Upper
156	100		
77	170.7	0.0	344.4
158	98.0	0.0	192.2





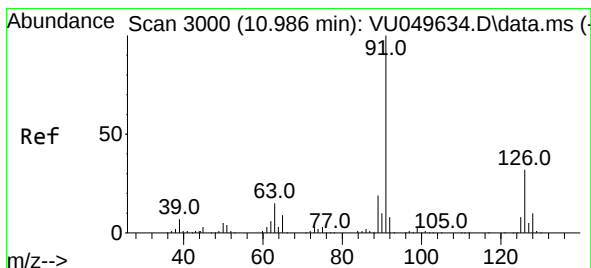
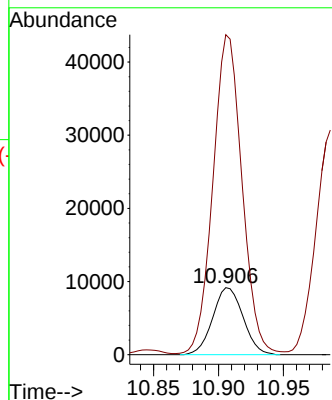
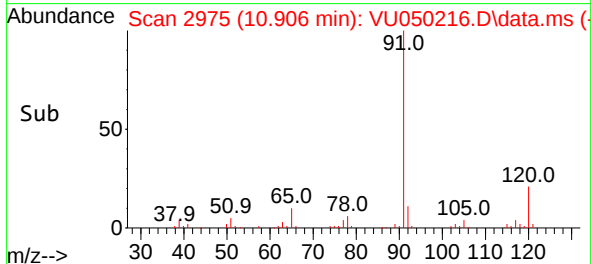
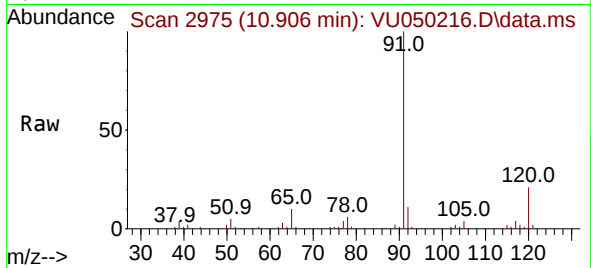
#73
n-propylbenzene
Concen: 1.741 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.001 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01

Tgt Ion:120 Resp: 14884
Ion Ratio Lower Upper
120 100
91 452.9 367.8 551.6

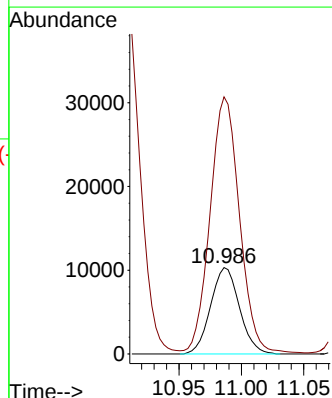
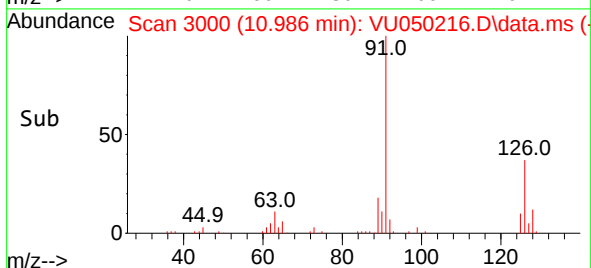
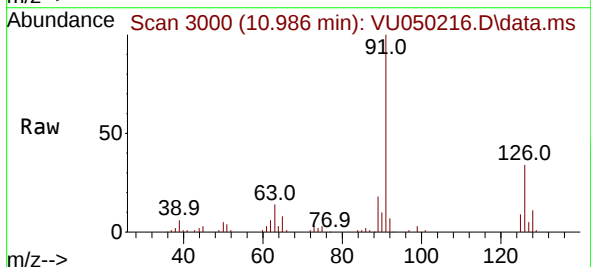
Manual Integrations
APPROVED

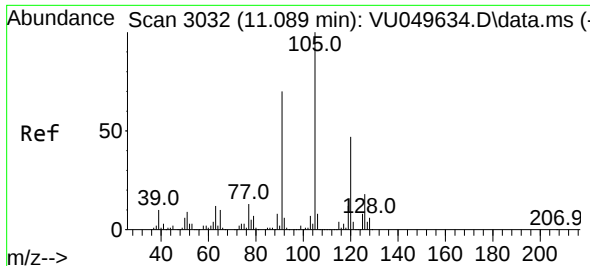
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#74
2-Chlorotoluene
Concen: 1.891 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

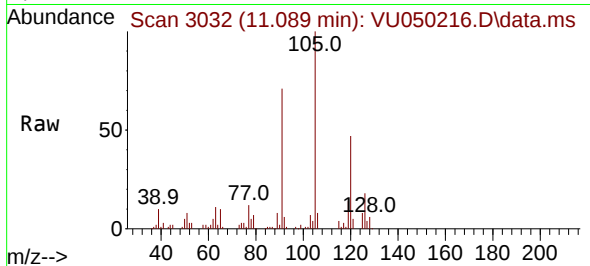
Tgt Ion:126 Resp: 16600
Ion Ratio Lower Upper
126 100
91 300.9 0.0 620.6





#75
1,3,5-Trimethylbenzene
Concen: 1.805 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

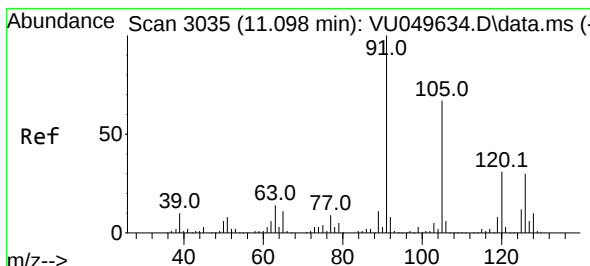
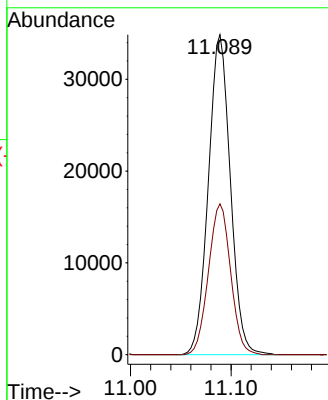
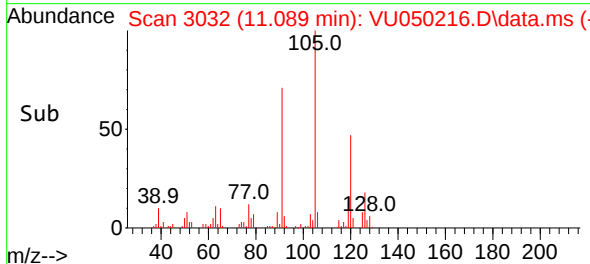
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01



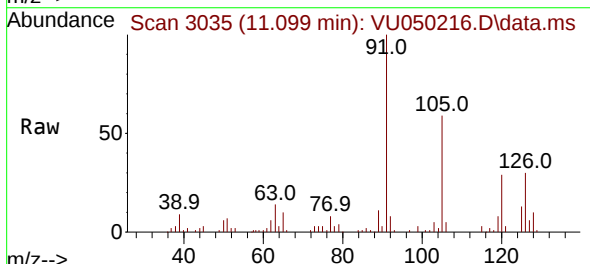
Tgt Ion:105 Resp: 52993
Ion Ratio Lower Upper
105 100
120 47.5 37.6 56.4

Manual Integrations
APPROVED

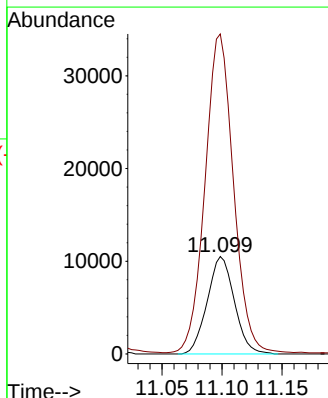
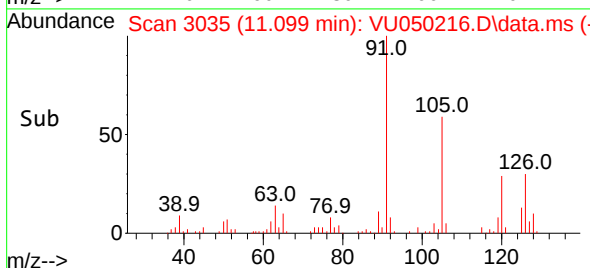
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

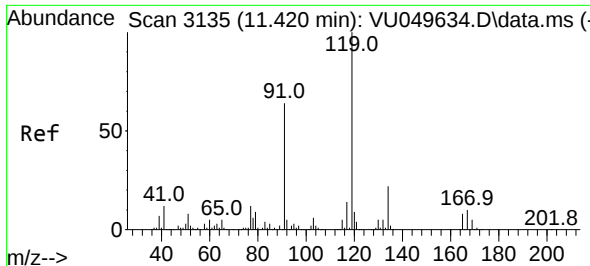


#76
4-Chlorotoluene
Concen: 1.901 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.001 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01



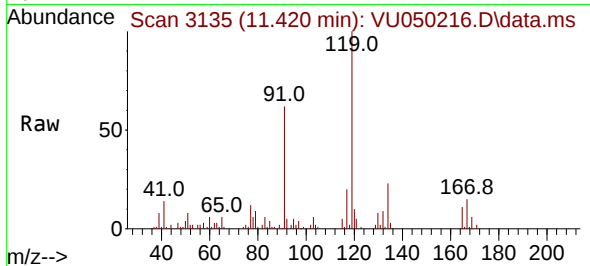
Tgt Ion:126 Resp: 16509
Ion Ratio Lower Upper
126 100
91 341.6 0.0 738.8





#77
tert-Butylbenzene
Concen: 1.787 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

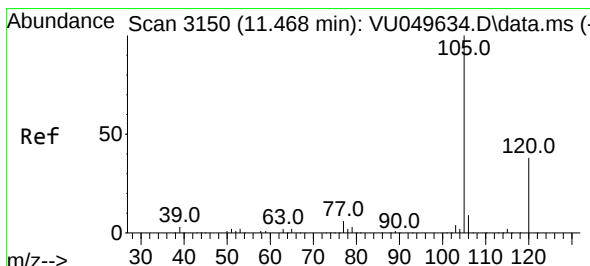
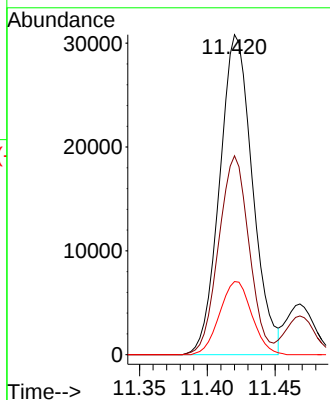
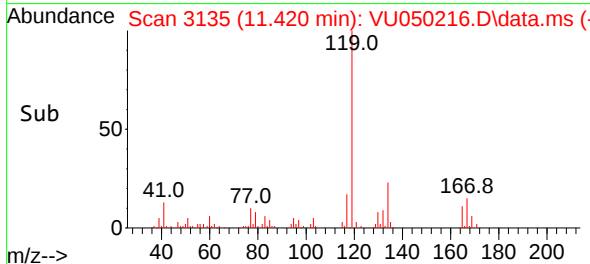
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01



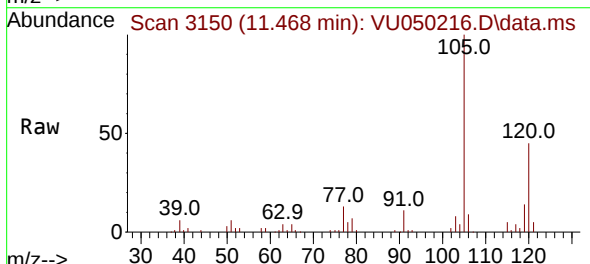
Tgt Ion:119 Resp: 5204
Ion Ratio Lower Upper
119 100
91 57.8 30.4 91.3
134 22.4 17.8 26.6

Manual Integrations
APPROVED

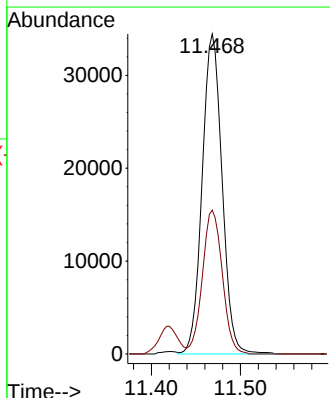
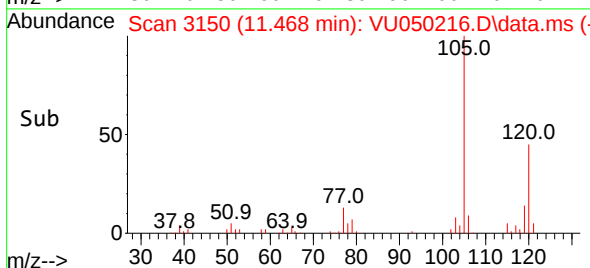
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

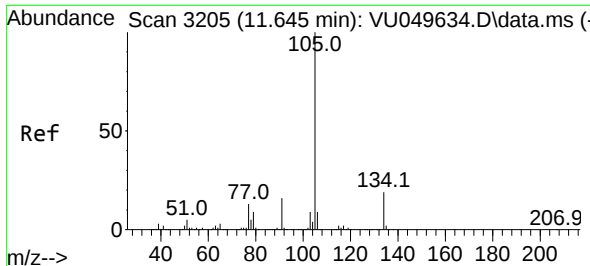


#78
1,2,4-Trimethylbenzene
Concen: 1.785 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01



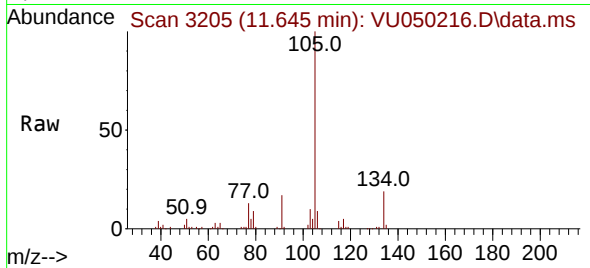
Tgt Ion:105 Resp: 53419
Ion Ratio Lower Upper
105 100
120 44.9 21.6 65.0





#79
 sec-Butylbenzene
 Concen: 1.751 ug/l
 RT: 11.645 min Scan# 3193
 Delta R.T. 0.000 min
 Lab File: VU050216.D
 Acq: 10 Aug 2022 14:01

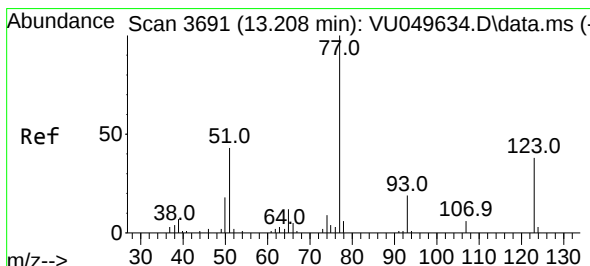
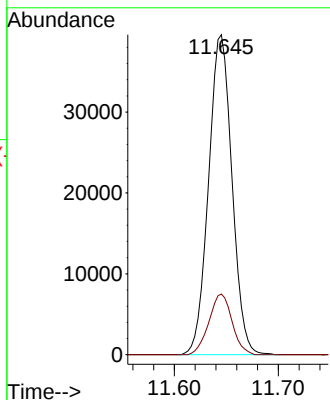
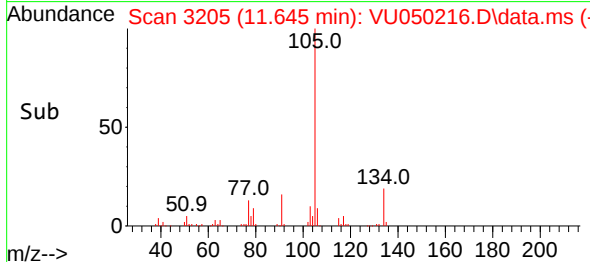
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0810WBS01



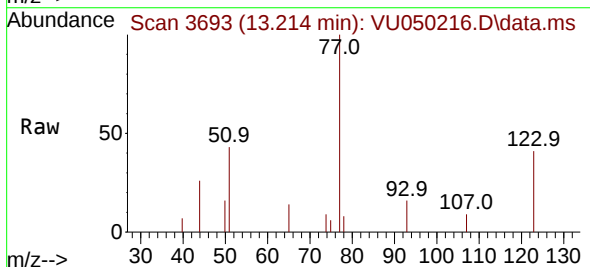
Tgt Ion:105 Resp: 61939
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.4 23.0

Manual Integrations
 APPROVED

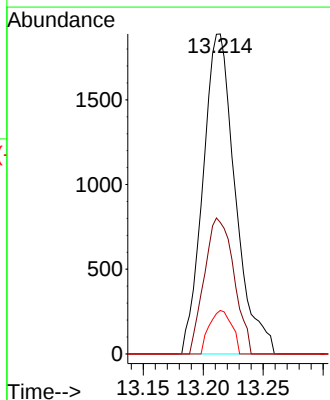
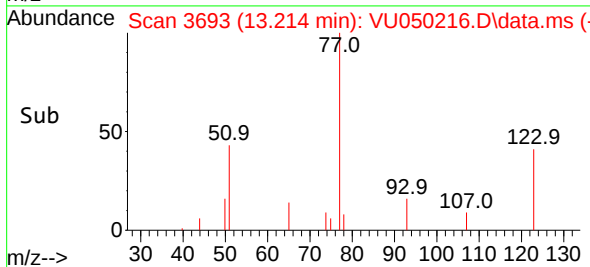
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

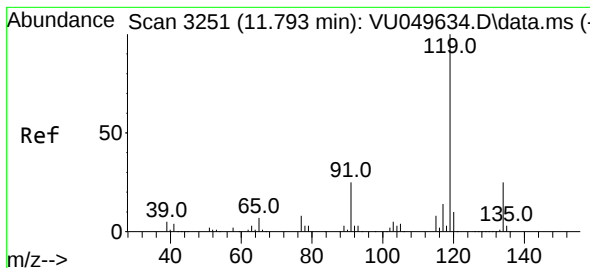


#80
 Nitrobenzene
 Concen: 8.704 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.006 min
 Lab File: VU050216.D
 Acq: 10 Aug 2022 14:01



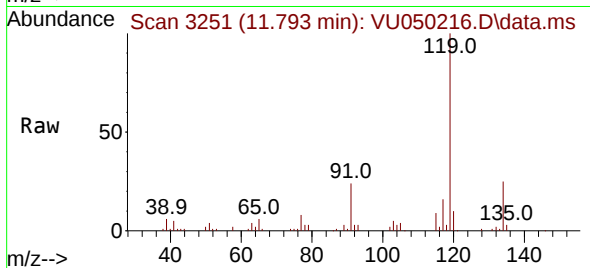
Tgt Ion: 77 Resp: 3539
 Ion Ratio Lower Upper
 77 100
 123 38.8 18.1 64.3
 65 9.4 10.8 13.8#





#81
p-Isopropyltoluene
Concen: 1.729 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

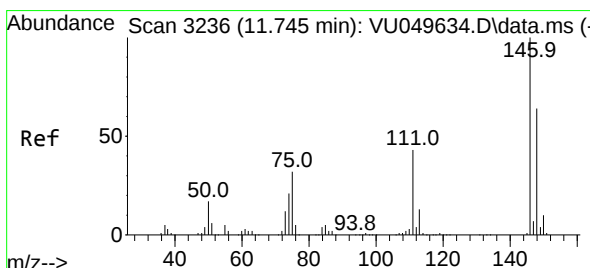
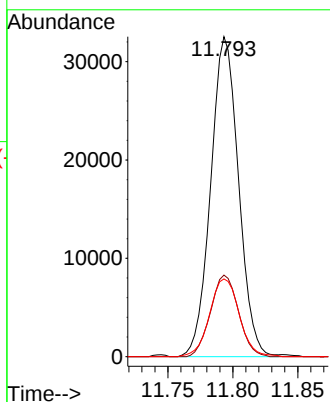
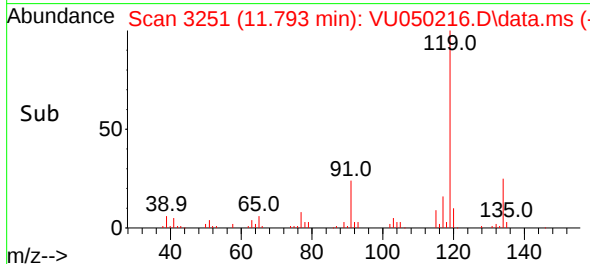
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01



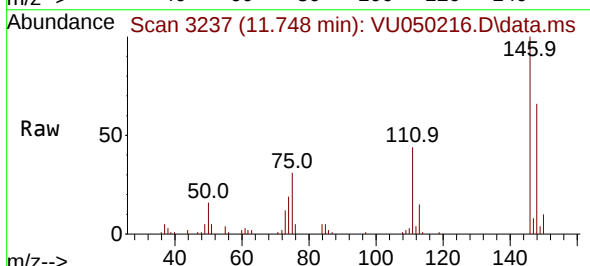
Tgt Ion:119 Resp: 48480
Ion Ratio Lower Upper
119 100
134 25.5 20.5 30.7
91 25.9 19.8 29.6

Manual Integrations
APPROVED

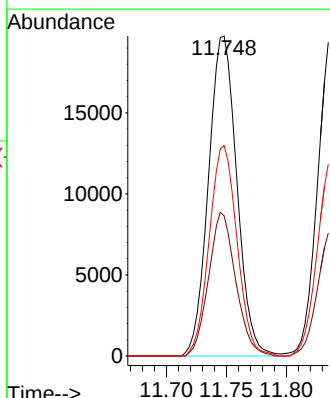
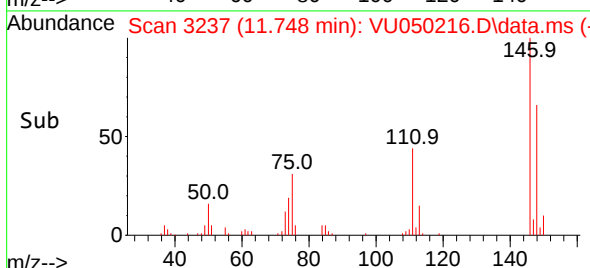
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

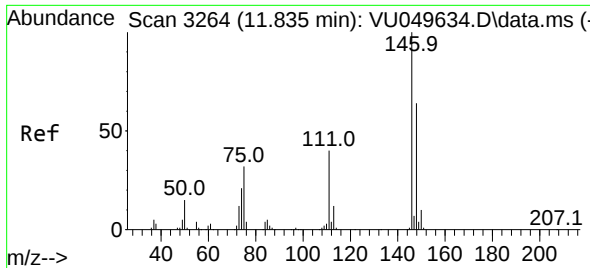


#82
1,3-Dichlorobenzene
Concen: 1.823 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01



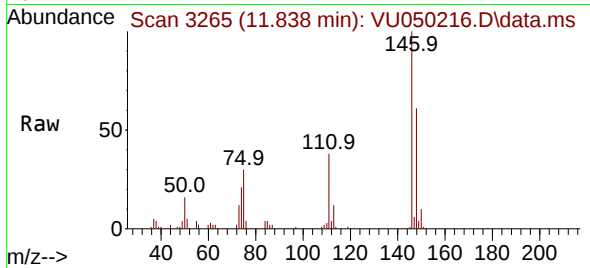
Tgt Ion:146 Resp: 32444
Ion Ratio Lower Upper
146 100
111 42.8 33.4 50.2
148 64.3 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 1.852 ug/l
RT: 11.838 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

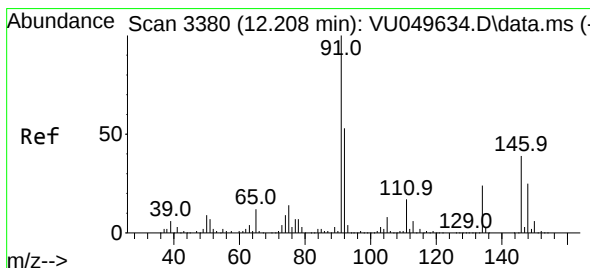
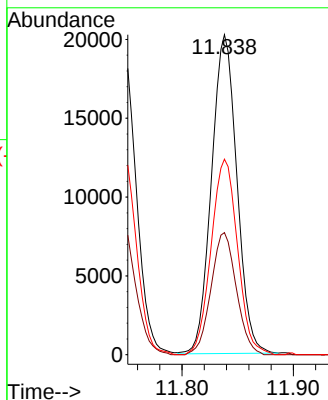
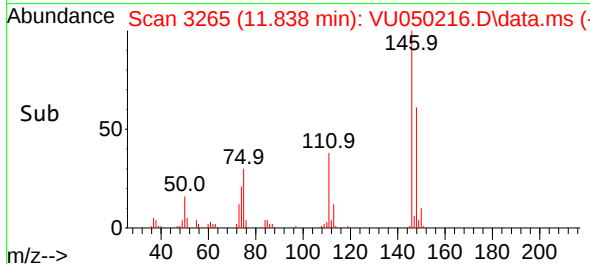
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01



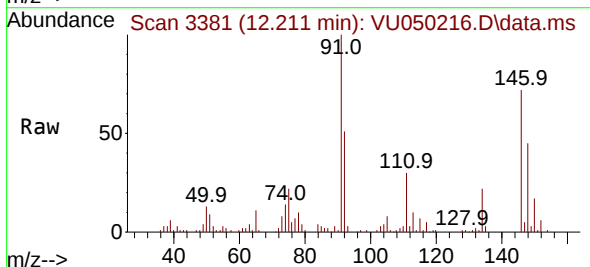
Tgt Ion:146 Resp: 32024
Ion Ratio Lower Upper
146 100
111 38.2 32.6 49.0
148 63.9 51.6 77.4

Manual Integrations
APPROVED

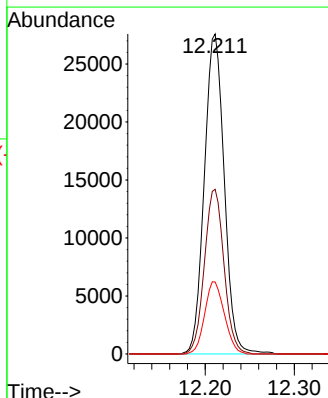
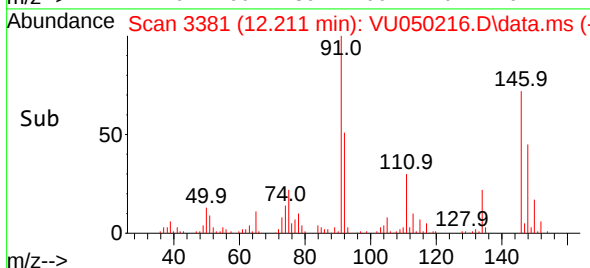
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

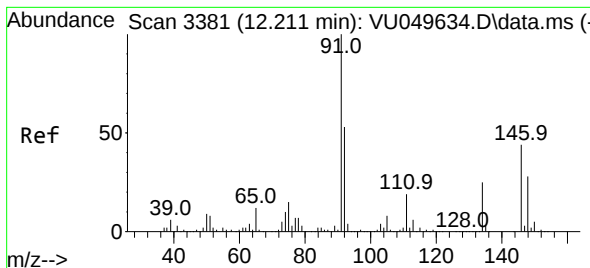


#84
n-Butylbenzene
Concen: 1.757 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01



Tgt Ion: 91 Resp: 42823
Ion Ratio Lower Upper
91 100
92 50.5 42.3 63.5
134 22.3 19.6 29.4





#85

1,2-Dichlorobenzene

Concen: 1.890 ug/l

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU050216.D

Acq: 10 Aug 2022 14:01

Instrument :

MSVOA_U

ClientSampleId :

VU0810WBS01

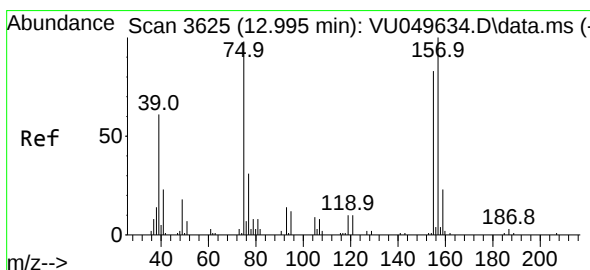
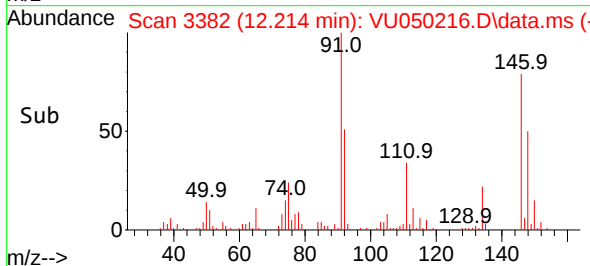
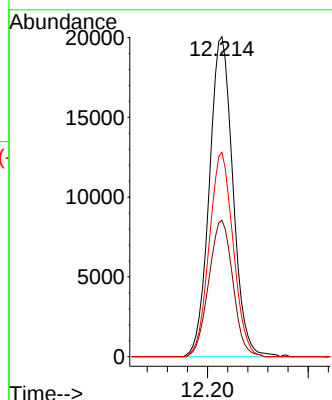
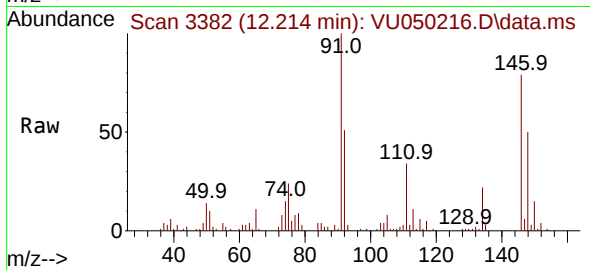
Tgt Ion:	146	Resp:	3262
Ion Ratio	Lower	Upper	
146	100		
111	43.5	22.1	66.1
148	64.9	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.803 ug/l

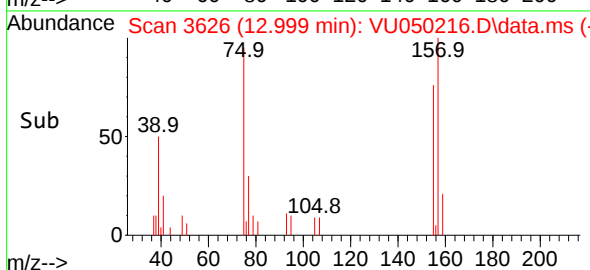
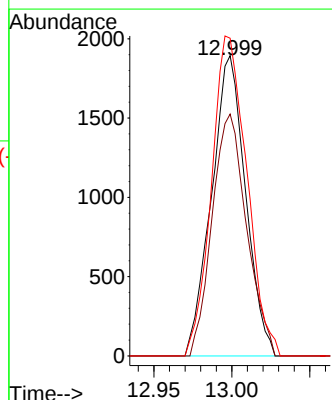
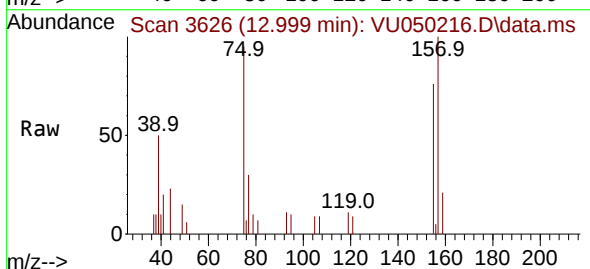
RT: 12.999 min Scan# 3626

Delta R.T. 0.004 min

Lab File: VU050216.D

Acq: 10 Aug 2022 14:01

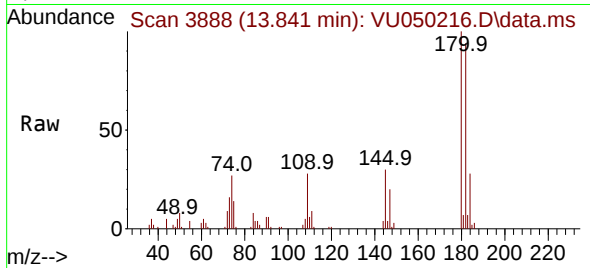
Tgt Ion:	75	Resp:	2871
Ion Ratio	Lower	Upper	
75	100		
155	81.6	66.8	100.2
157	110.6	83.8	125.8





#87
1,2,4-Trichlorobenzene
Concen: 1.834 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

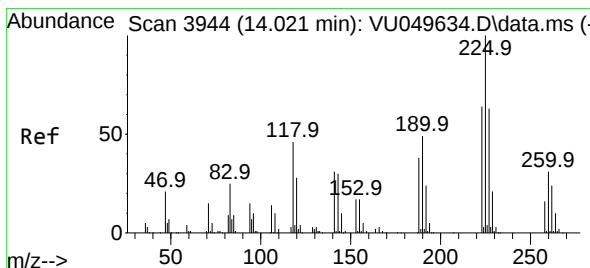
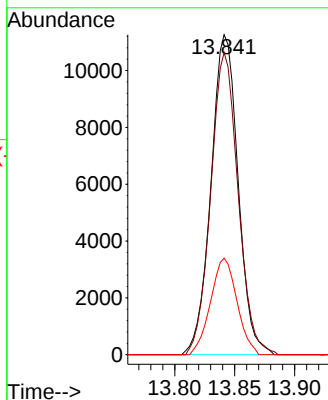
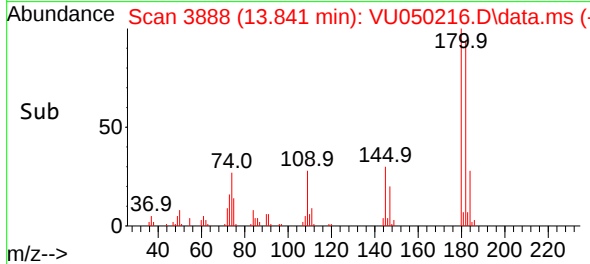
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01



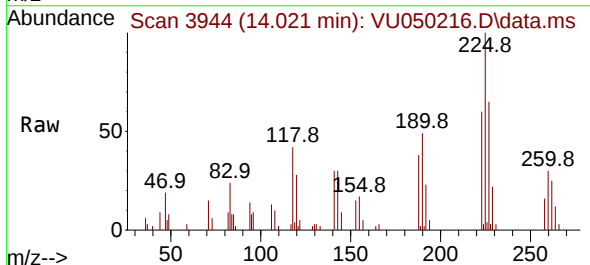
Tgt Ion:180 Resp: 1770
Ion Ratio Lower Upper
180 100
182 94.8 77.0 115.6
145 29.4 25.7 38.5

Manual Integrations
APPROVED

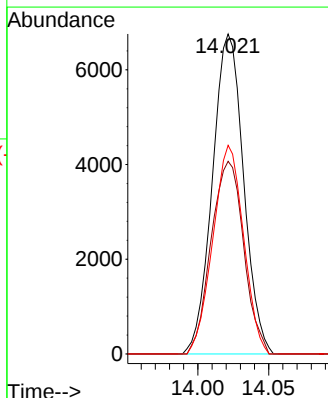
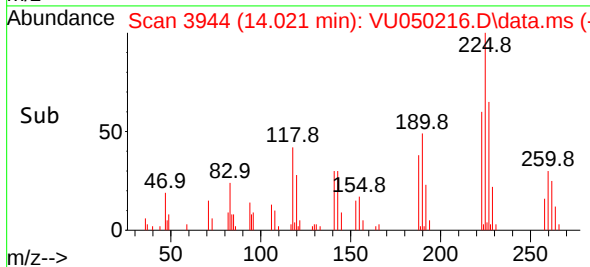
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

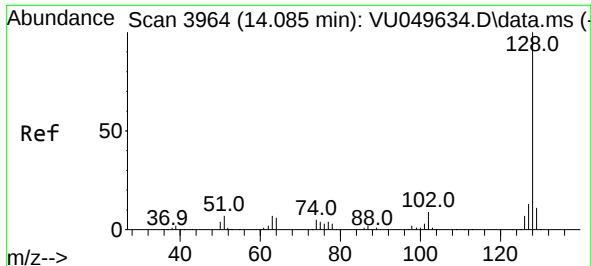


#88
Hexachlorobutadiene
Concen: 1.830 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01



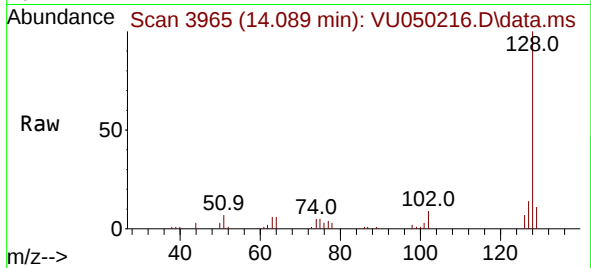
Tgt Ion:225 Resp: 10330
Ion Ratio Lower Upper
225 100
223 63.0 50.6 76.0
227 64.1 50.7 76.1





#89
Naphthalene
Concen: 1.630 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.004 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

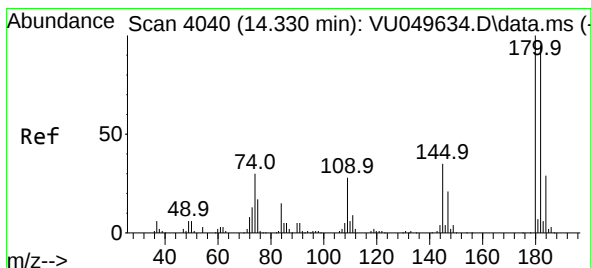
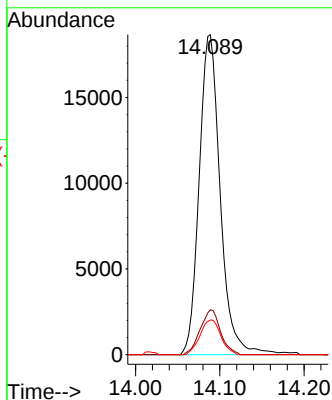
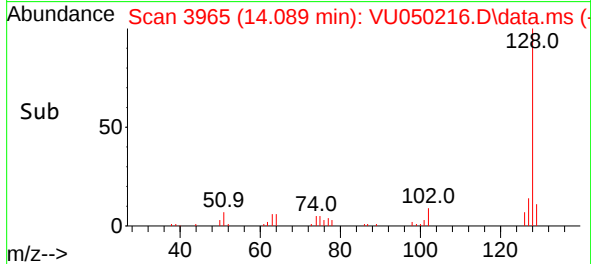
Instrument :
MSVOA_U
ClientSampleId :
VU0810WBS01



Tgt Ion:128 Resp: 3246
Ion Ratio Lower Upper
128 100
127 13.6 10.1 15.1
129 10.7 8.6 12.8

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 1.842 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050216.D
Acq: 10 Aug 2022 14:01

Tgt Ion:180 Resp: 18300
Ion Ratio Lower Upper
180 100
182 91.3 76.6 114.8
145 29.8 27.3 40.9

