

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081022\
 Data File : VU050209.D
 Acq On : 10 Aug 2022 09:48
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

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

Quant Time: Aug 10 10:46:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081022DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Aug 10 09:58:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	28864	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	8975	0.849	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	9553	0.981	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	10643	0.963	ug/l	100
3) Chloromethane	1.517	50	14233	1.259	ug/l	98
4) Vinyl Chloride	1.601	62	11886	1.153	ug/l	99
5) Bromomethane	1.855	94	3484	0.648	ug/l	94
6) Chloroethane	1.932	64	7661	1.327	ug/l	93
7) Trichlorofluoromethane	2.134	101	13089	1.059	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	7124	1.097	ug/l	97
9) 1,1-Dichloroethene	2.575	96	7924	1.211	ug/l	94
10) Iodomethane	2.720	142	5934	0.715	ug/l	89
11) Allyl Chloride	2.922	41	10134	0.908	ug/l	99
12) Acrylonitrile	3.330	53	3549	2.028	ug/l	# 85
13) Acetone	2.665	43	7708	5.583	ug/l	91
14) Carbon Disulfide	2.790	76	31653	1.469	ug/l	98
15) Methylene Chloride	3.044	84	13143	1.604	ug/l	89
16) trans-1,2-Dichloroethene	3.353	96	8379	1.219	ug/l	93
17) 1,1-Dichloroethane	3.871	63	16075	1.131	ug/l	97
18) 2-Butanone	4.729	43	10727	4.558	ug/l	99
19) Cyclohexane	5.391	56	9549m	0.703	ug/l	
20) Methylcyclohexane	6.761	83	9363	0.699	ug/l	93
21) 2,2-Dichloropropane	4.668	77	13007	1.118	ug/l	96
22) cis-1,2-Dichloroethene	4.668	96	9212	1.087	ug/l	97
23) Diethyl Ether	2.376	59	6738	1.209	ug/l	94
24) tert-Butyl Alcohol	3.183	59	6279	9.871	ug/l	# 1
25) Methyl tert-Butyl Ether	3.366	73	18870	1.031	ug/l	97
26) Bromochloromethane	4.973	128	4341	1.217	ug/l	96
27) Chloroform	5.089	83	16420	1.174	ug/l	98
28) 1,1,1-Trichloroethane	5.314	97	13092	1.061	ug/l	99
29) 1,1-Dichloropropene	5.527	75	10277	0.933	ug/l	98
30) Carbon Tetrachloride	5.523	117	10852	1.045	ug/l	97
31) Isopropyl Ether	3.996	45	19525	0.801	ug/l	83
32) Ethyl-t-butyl ether	4.504	59	19256	0.835	ug/l	98
33) Tert-Amyl methyl ether	5.941	73	16851	0.840	ug/l	96
34) Propionitrile	4.809	54	4247m	6.294	ug/l	
35) Benzene	5.774	78	34700	1.106	ug/l	98
36) 1,2-Dichloroethane	5.797	62	10268	1.151	ug/l	97
37) Trichloroethene	6.543	130	8340	1.051	ug/l	97
38) 1,2-Dichloropropane	6.793	63	9644	1.161	ug/l	95
39) Methacrylonitrile	4.983	41	2449	0.847	ug/l	91
40) Methyl acrylate	4.861	55	5533	1.222	ug/l	# 84
41) Tetrahydrofuran	5.076	42	3225m	1.887	ug/l	
42) 1-Chlorobutane	5.456	56	14693	0.951	ug/l	97
43) Dibromomethane	6.922	93	4976	1.202	ug/l	96
44) Bromodichloromethane	7.105	83	11643	1.173	ug/l	100

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Instrument :
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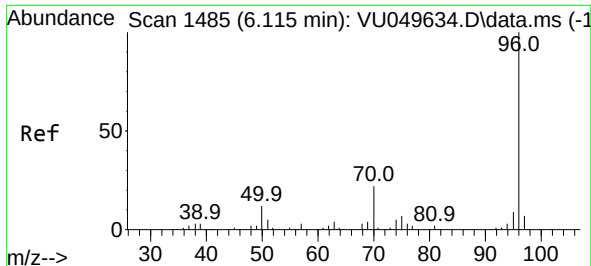
Manual Integrations
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Quant Time: Aug 10 10:46:48 2022
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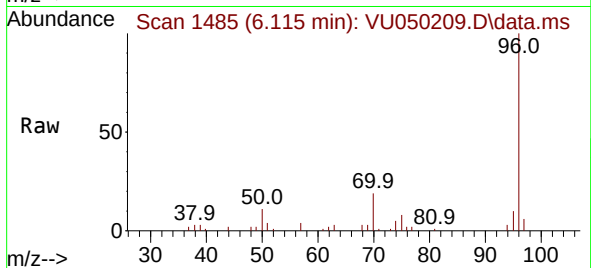
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	25638	4.563	ug/l	99
46) t-1,4-Dichloro-2-butene	10.829	75	4794m	2.622	ug/l	
47) Methyl methacrylate	6.964	69	7676	1.839	ug/l	94
48) Ethyl methacrylate	8.333	69	6603	0.788	ug/l	96
49) Toluene	7.970	92	18861	0.984	ug/l	97
50) t-1,3-Dichloropropene	8.211	75	9577	0.999	ug/l	98
51) cis-1,3-Dichloropropene	7.607	75	11610	1.022	ug/l	98
52) 1,1,2-Trichloroethane	8.401	97	7167	1.254	ug/l	96
53) 1,3-Dichloropropane	8.575	76	12058	1.176	ug/l	99
54) 2-Hexanone	8.690	43	18234	4.672	ug/l	95
55) Dibromochloromethane	8.809	129	7560	1.158	ug/l	97
56) 1,2-Dibromoethane	8.925	107	6437	1.163	ug/l	96
58) Tetrachloroethene	8.552	164	7418	1.125	ug/l	97
59) Chlorobenzene	9.446	112	19760	0.985	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.536	131	8424	1.181	ug/l	99
61) Pentachloroethane	11.427	117	6598	1.205	ug/l	92
62) Hexachloroethane	12.475	117	5046	0.920	ug/l	96
63) Ethyl Benzene	9.571	91	30413	0.843	ug/l	99
64) m/p-Xylenes	9.694	106	22057	1.652	ug/l	98
65) o-Xylene	10.099	106	10827	0.825	ug/l	95
66) Styrene	10.115	104	16287	0.773	ug/l	98
67) Bromoform	10.292	173	4519	1.213	ug/l	98
69) Isopropylbenzene	10.485	105	26964	0.769	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.784	83	9978	1.344	ug/l #	99
71) 1,2,3-Trichloropropane	10.822	75	7701m	1.253	ug/l	
72) Bromobenzene	10.784	156	8418	1.066	ug/l	95
73) n-propylbenzene	10.906	120	6499	0.735	ug/l	95
74) 2-Chlorotoluene	10.986	126	7275	0.923	ug/l	98
75) 1,3,5-Trimethylbenzene	11.089	105	22366	0.763	ug/l	98
76) 4-Chlorotoluene	11.099	126	6793	0.859	ug/l	100
77) tert-Butylbenzene	11.420	119	23986	0.832	ug/l	95
78) 1,2,4-Trimethylbenzene	11.468	105	23218	0.789	ug/l	100
79) sec-Butylbenzene	11.642	105	27896	0.737	ug/l	100
80) Nitrobenzene	13.218	77	1779	5.858	ug/l #	88
81) p-Isopropyltoluene	11.793	119	21911	0.714	ug/l	98
82) 1,3-Dichlorobenzene	11.745	146	15749	1.031	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	15073	0.978	ug/l	95
84) n-Butylbenzene	12.211	91	19335	0.676	ug/l	96
85) 1,2-Dichlorobenzene	12.214	146	15571	1.052	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.999	75	1442	1.114	ug/l	87
87) 1,2,4-Trichlorobenzene	13.841	180	8065	0.808	ug/l	97
88) Hexachlorobutadiene	14.021	225	5093	1.001	ug/l	96
89) Naphthalene	14.086	128	14876	0.711	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	7974	0.836	ug/l	97

(#) = 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: VU050209.D
Acq: 10 Aug 2022 09:48

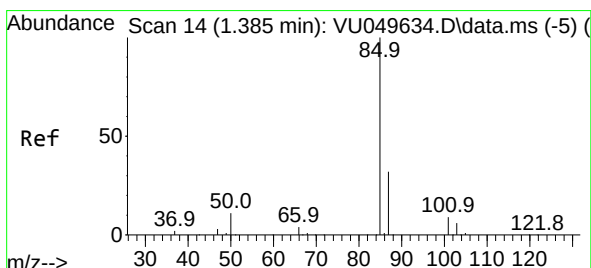
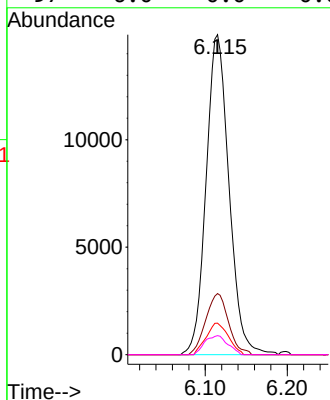
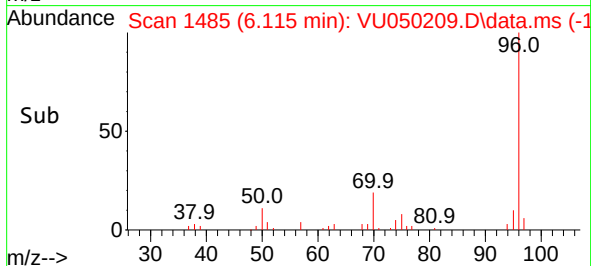
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 28864
Ion Ratio Lower Upper
96 100
70 19.0 16.7 25.1
95 9.5 7.4 11.0
97 6.0 0.0 0.0#

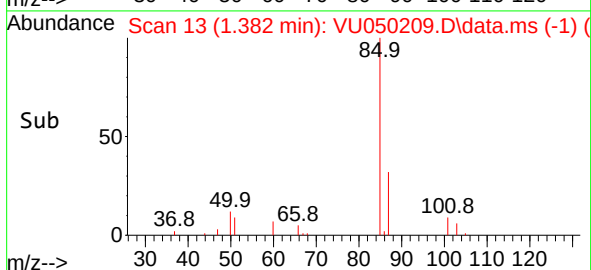
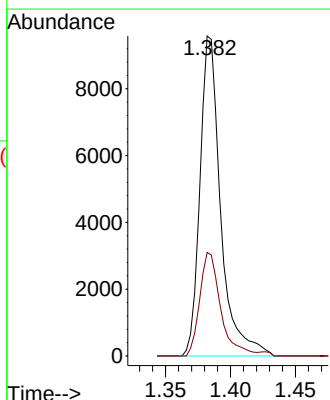
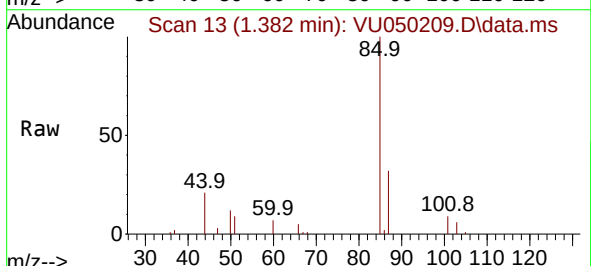
Manual Integrations
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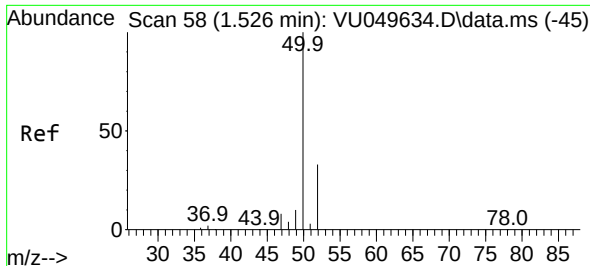
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#2
Dichlorodifluoromethane
Concen: 0.963 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Tgt Ion: 85 Resp: 10643
Ion Ratio Lower Upper
85 100
87 32.4 16.3 48.8





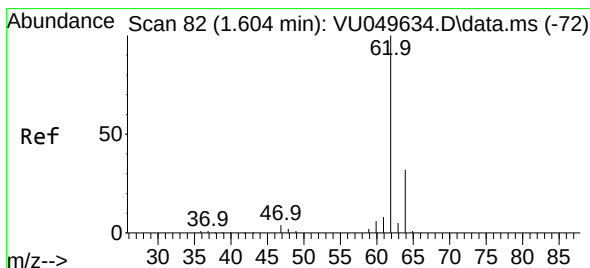
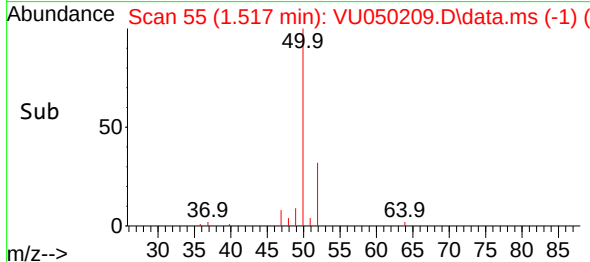
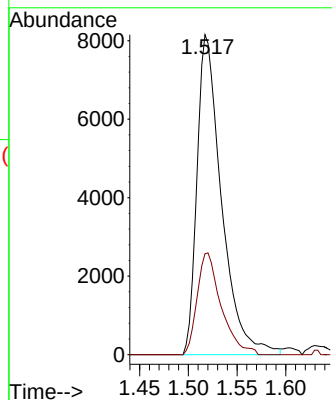
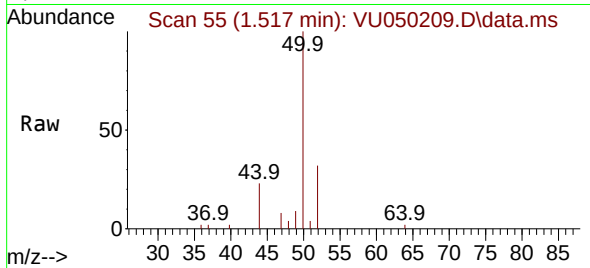
#3
Chloromethane
Concen: 1.259 ug/l
RT: 1.517 min Scan# 50
Delta R.T. -0.009 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 1423
Ion Ratio Lower Upper
50 100
52 31.5 26.1 39.1

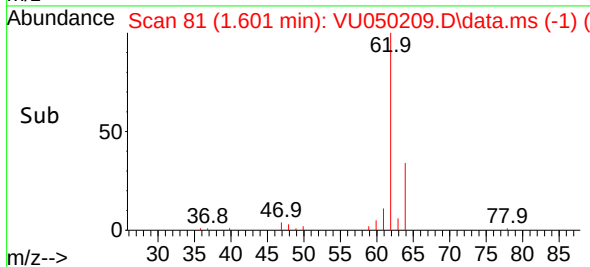
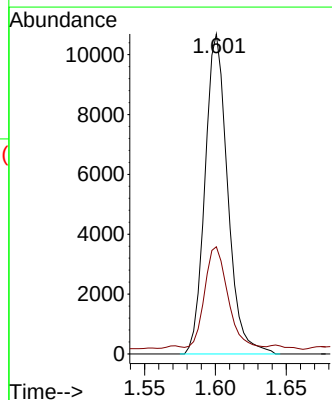
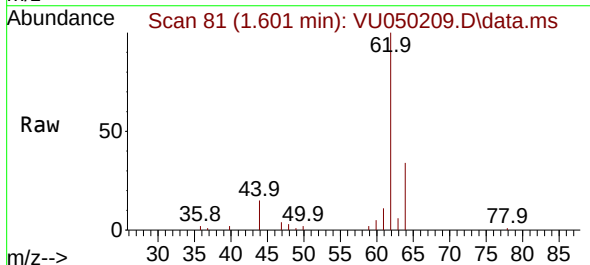
Manual Integrations
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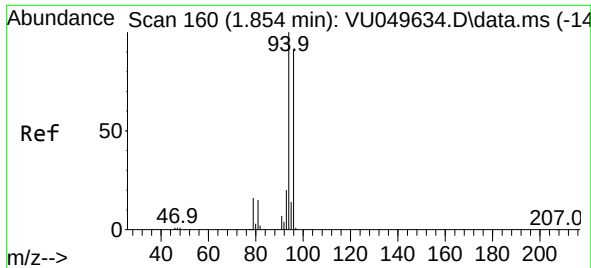
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#4
Vinyl Chloride
Concen: 1.153 ug/l
RT: 1.601 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

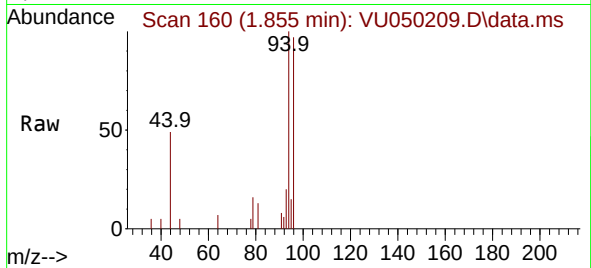
Tgt Ion: 62 Resp: 11886
Ion Ratio Lower Upper
62 100
64 31.3 25.5 38.3





#5
Bromomethane
Concen: 0.648 ug/l
RT: 1.855 min Scan# 160
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

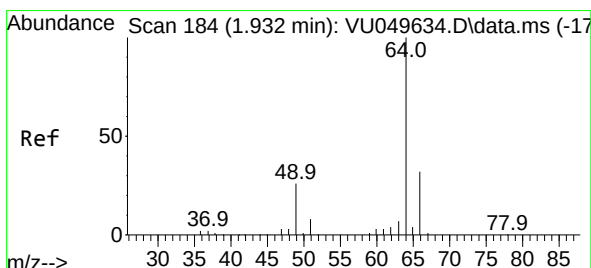
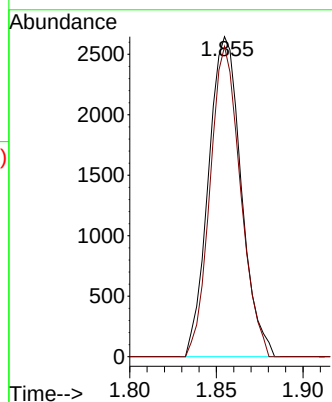
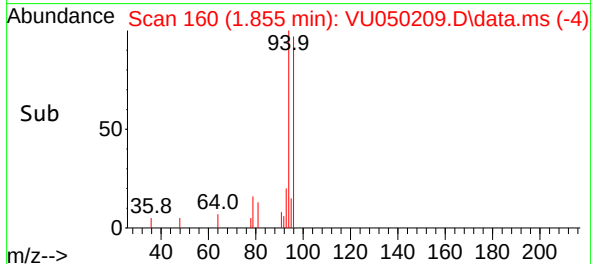
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



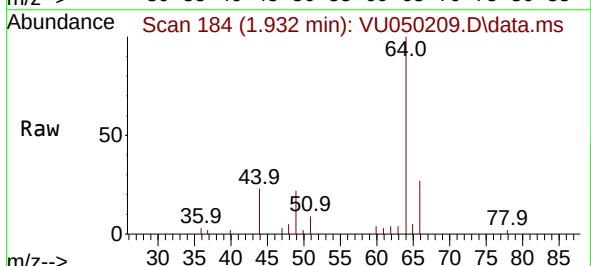
Tgt Ion: 94 Resp: 3484
Ion Ratio Lower Upper
94 100
96 96.9 73.0 109.6

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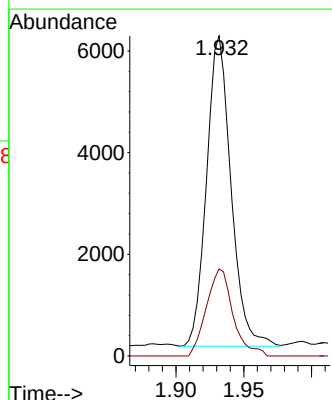
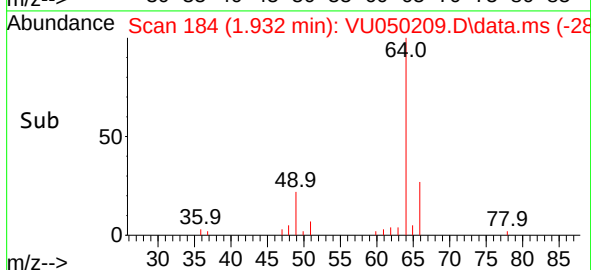
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

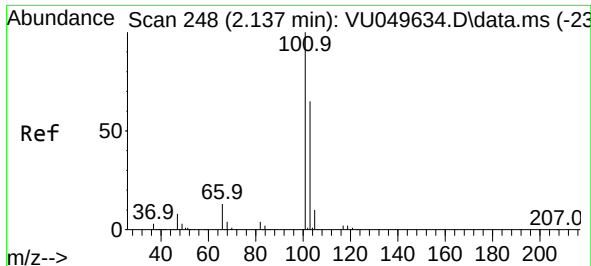


#6
Chloroethane
Concen: 1.327 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48



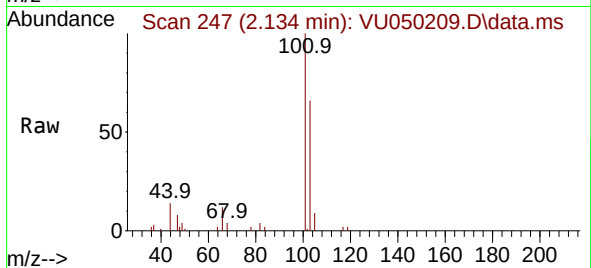
Tgt Ion: 64 Resp: 7661
Ion Ratio Lower Upper
64 100
66 28.1 25.8 38.6





#7
 Trichlorofluoromethane
 Concen: 1.059 ug/l
 RT: 2.134 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU050209.D
 Acq: 10 Aug 2022 09:48

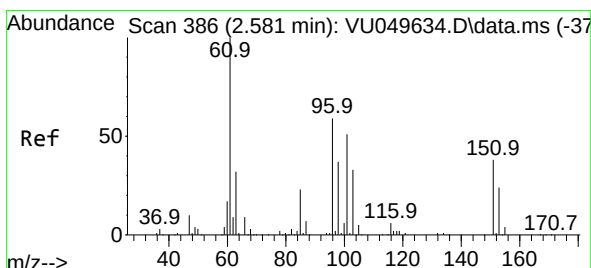
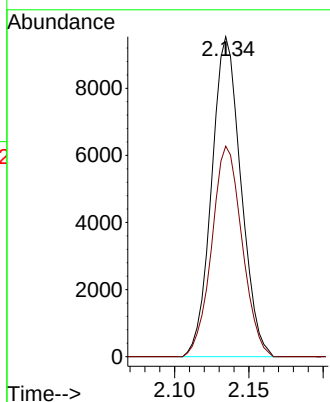
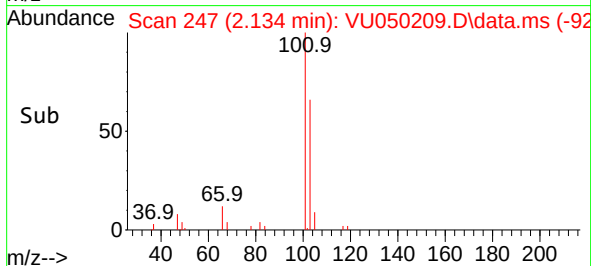
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



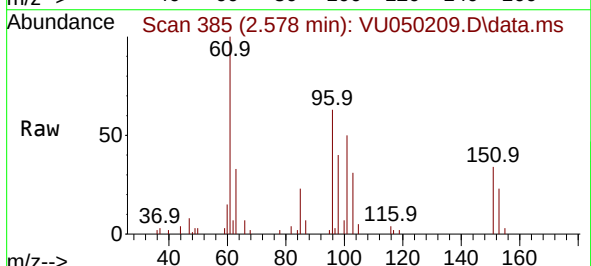
Tgt Ion:101 Resp: 13089
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.8 77.6

Manual Integrations
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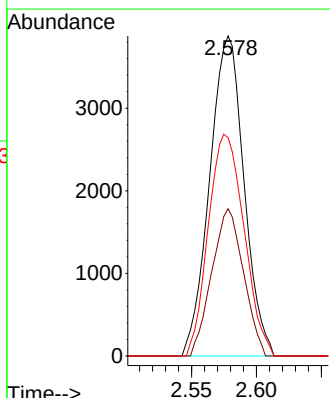
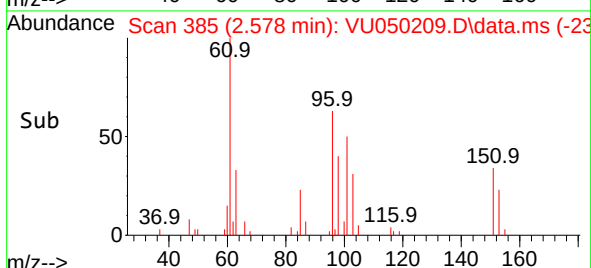
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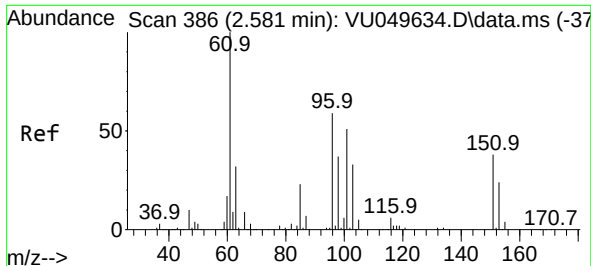


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.097 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU050209.D
 Acq: 10 Aug 2022 09:48



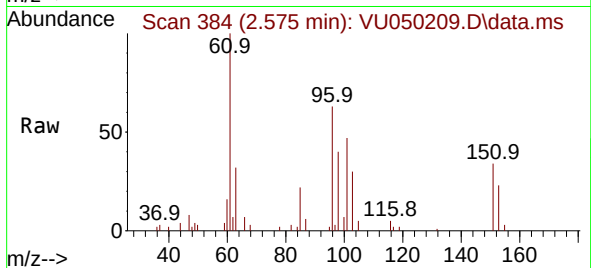
Tgt Ion:101 Resp: 7124
 Ion Ratio Lower Upper
 101 100
 85 42.3 36.4 54.6
 151 72.0 59.1 88.7





#9
1,1-Dichloroethene
Concen: 1.211 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

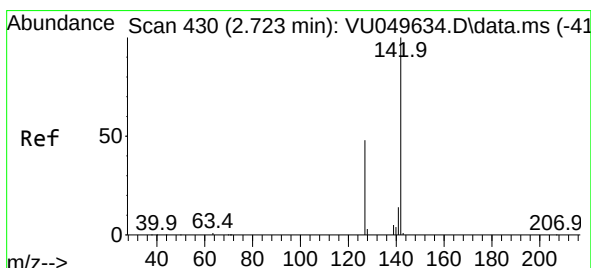
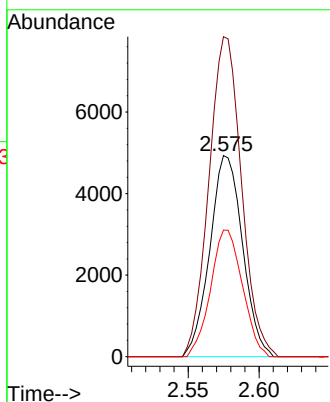
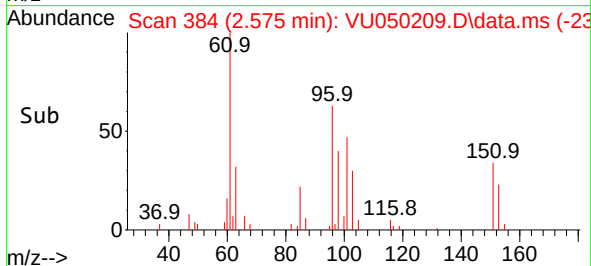
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



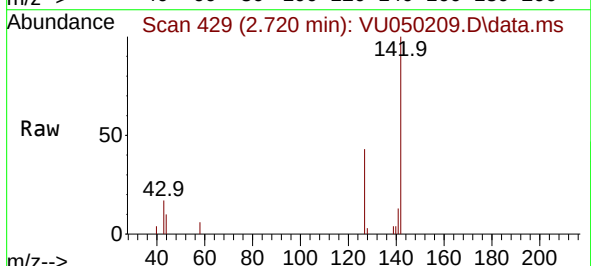
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Ion Ratio Lower Upper
96 100
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98 62.9 0.0 124.6

Manual Integrations
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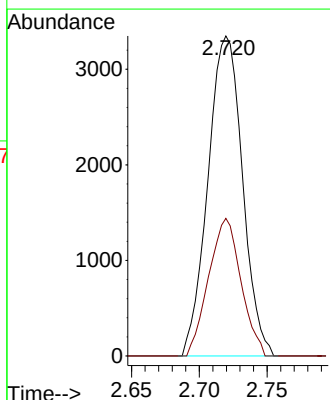
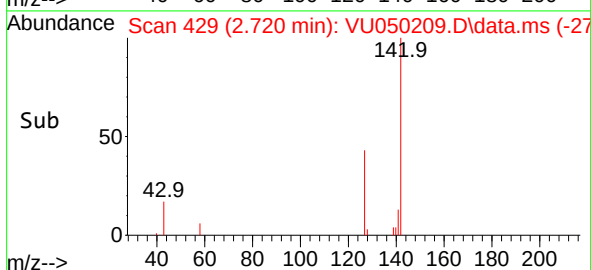
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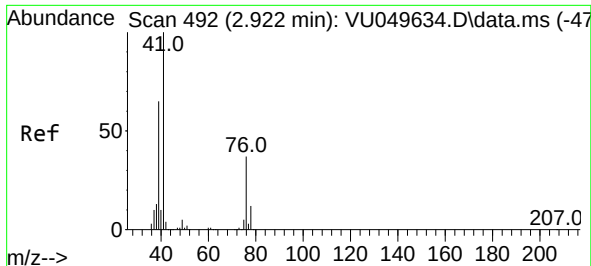


#10
Iodomethane
Concen: 0.715 ug/l
RT: 2.720 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48



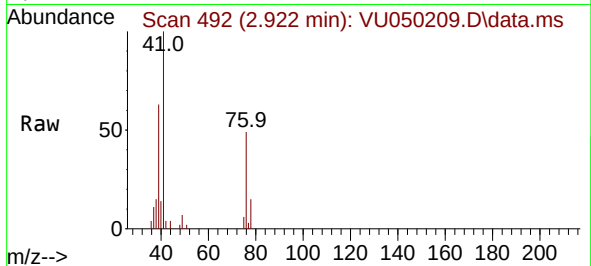
Tgt Ion:142 Resp: 5934
Ion Ratio Lower Upper
142 100
127 40.2 38.2 57.2





#11
 Allyl Chloride
 Concen: 0.908 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU050209.D
 Acq: 10 Aug 2022 09:48

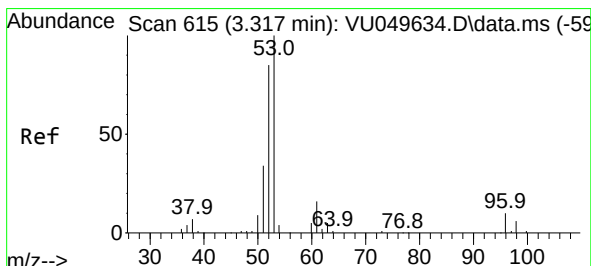
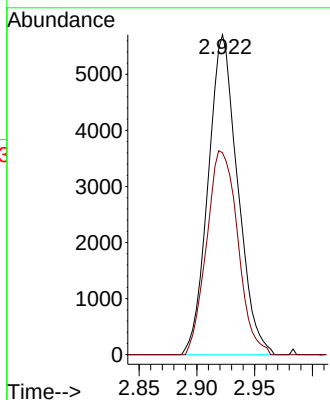
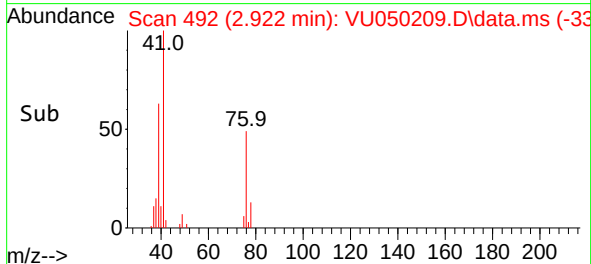
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



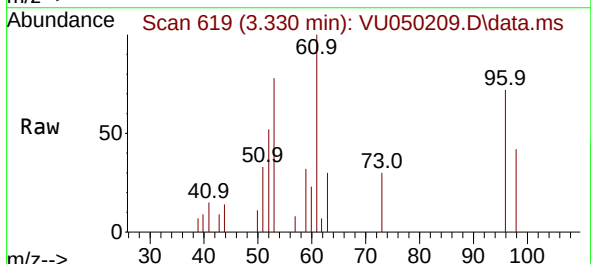
Tgt Ion: 41 Resp: 10134
 Ion Ratio Lower Upper
 41 100
 39 67.4 53.2 79.8

Manual Integrations
 APPROVED

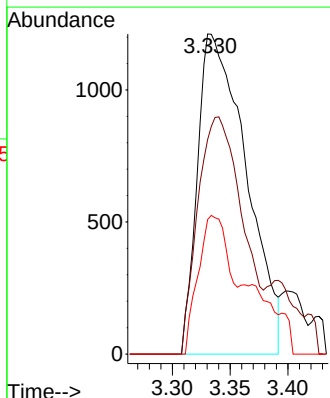
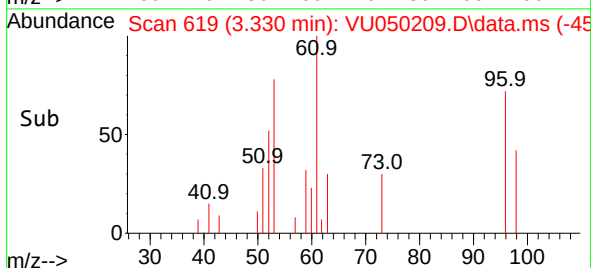
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

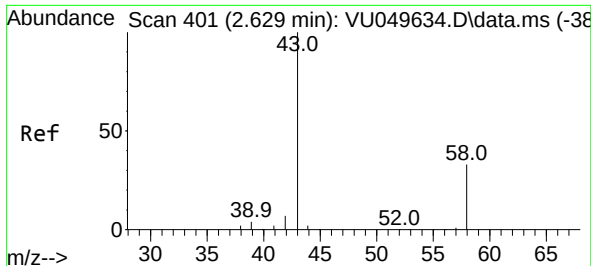


#12
 Acrylonitrile
 Concen: 2.028 ug/l
 RT: 3.330 min Scan# 619
 Delta R.T. 0.013 min
 Lab File: VU050209.D
 Acq: 10 Aug 2022 09:48



Tgt Ion: 53 Resp: 3549
 Ion Ratio Lower Upper
 53 100
 52 68.4 64.6 97.0
 51 28.0 30.7 46.1#





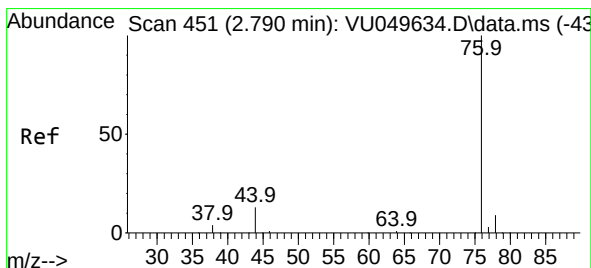
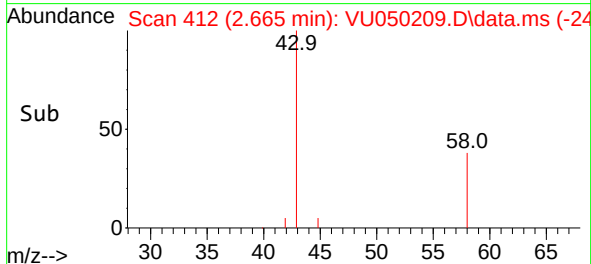
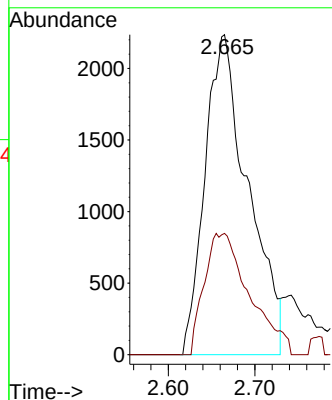
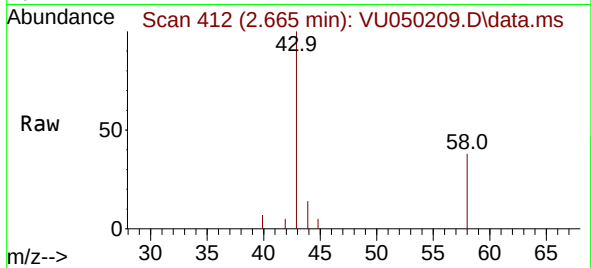
#13
Acetone
Concen: 5.583 ug/l
RT: 2.665 min Scan# 412
Delta R.T. 0.036 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 7708
Ion Ratio Lower Upper
43 100
58 37.9 26.2 39.2

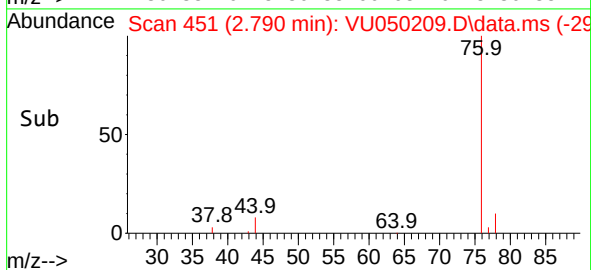
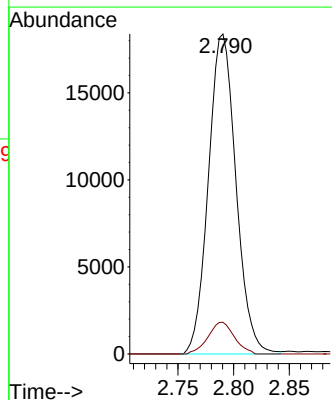
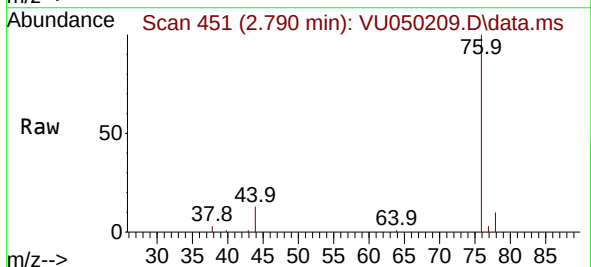
Manual Integrations
APPROVED

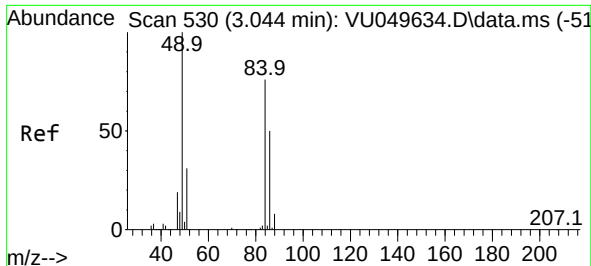
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#14
Carbon Disulfide
Concen: 1.469 ug/l
RT: 2.790 min Scan# 451
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

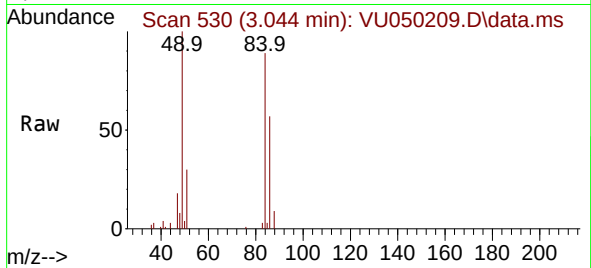
Tgt Ion: 76 Resp: 31653
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0





#15
Methylene Chloride
Concen: 1.604 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

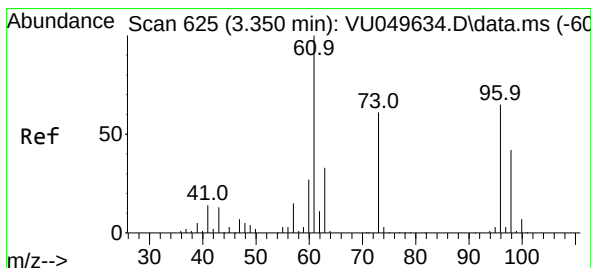
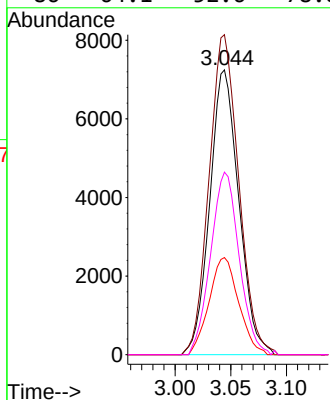
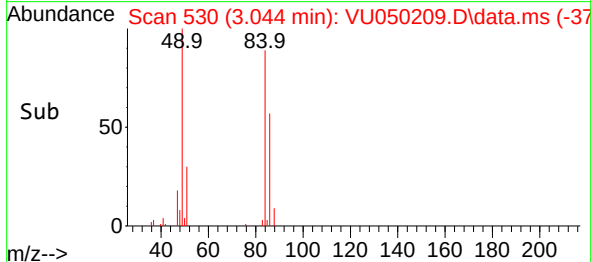
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:	84	Resp:	1314
Ion	Ratio	Lower	Upper
84	100		
49	112.4	104.6	157.0
51	34.1	0.0	81.4
86	64.1	52.6	78.8

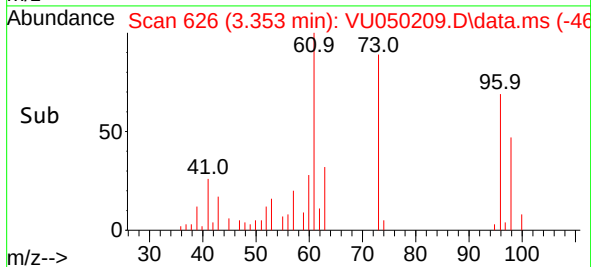
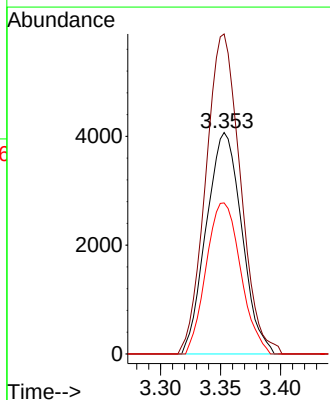
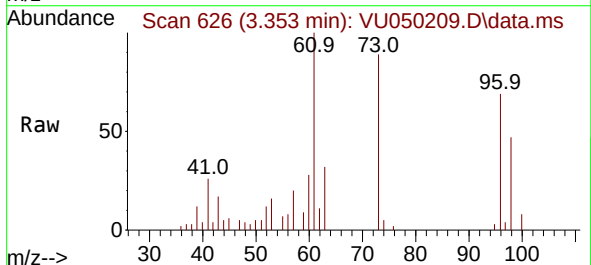
Manual Integrations
APPROVED

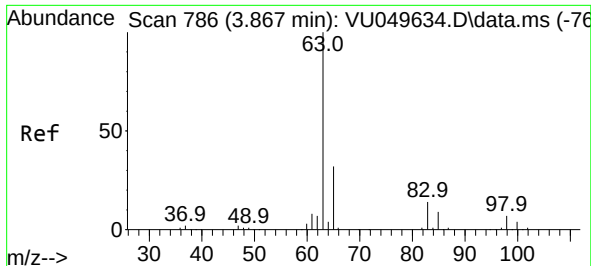
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#16
trans-1,2-Dichloroethene
Concen: 1.219 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Tgt Ion:	96	Resp:	8379
Ion	Ratio	Lower	Upper
96	100		
61	144.5	123.4	185.0
98	68.2	51.6	77.4





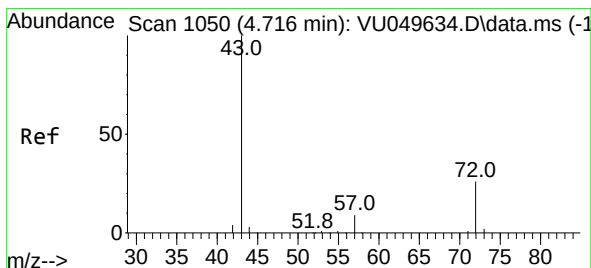
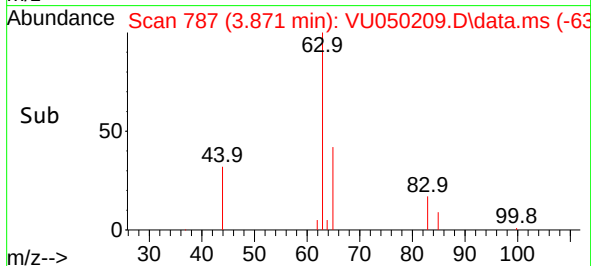
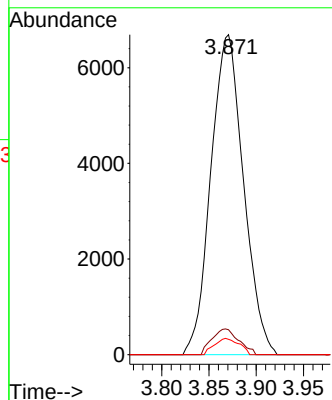
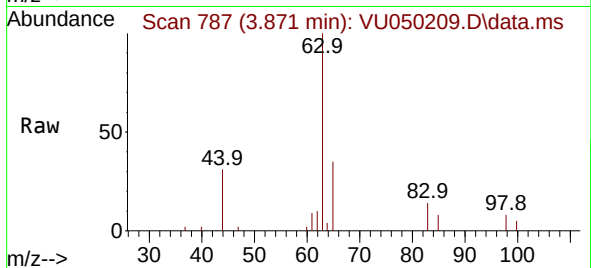
#17
1,1-Dichloroethane
Concen: 1.131 ug/l
RT: 3.871 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 1607
Ion Ratio Lower Upper
63 100
98 7.8 3.4 10.2
100 4.8 2.0 6.0

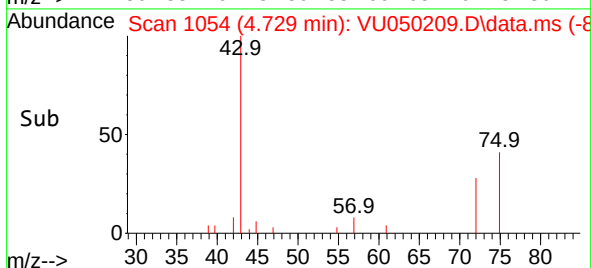
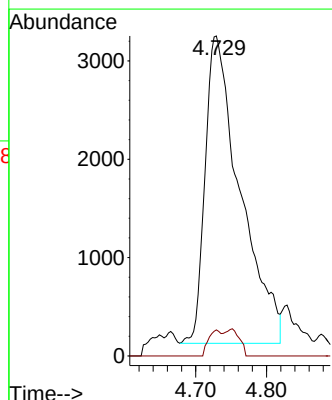
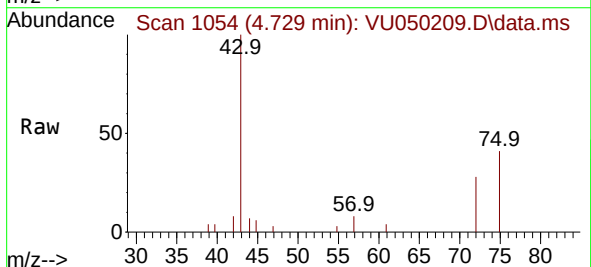
Manual Integrations
APPROVED

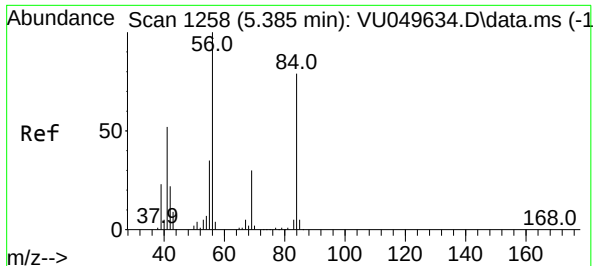
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#18
2-Butanone
Concen: 4.558 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.013 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Tgt Ion: 43 Resp: 10727
Ion Ratio Lower Upper
43 100
57 8.5 0.0 18.0





#19

Cyclohexane

Concen: 0.703 ug/l m

RT: 5.391 min Scan# 1258

Delta R.T. 0.007 min

Lab File: VU050209.D

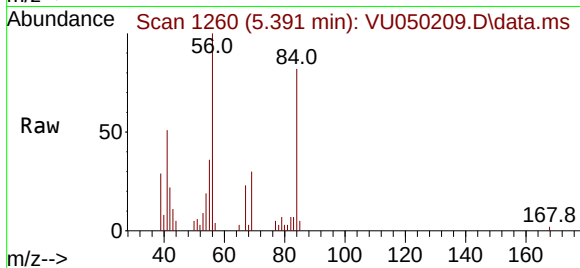
Acq: 10 Aug 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001



Tgt Ion: 56 Resp: 9549

Ion Ratio Lower Upper

56 100

69 31.2 24.2 36.4

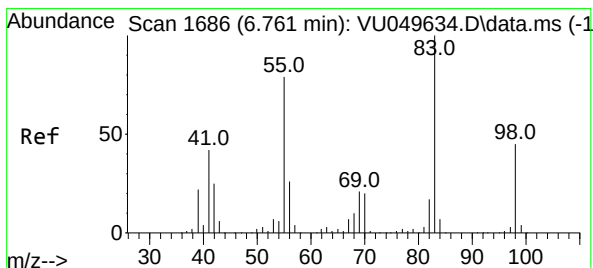
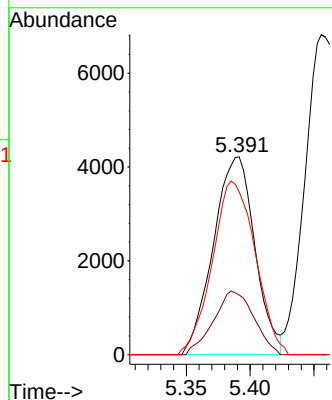
84 90.6 63.4 95.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#20

Methylcyclohexane

Concen: 0.699 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU050209.D

Acq: 10 Aug 2022 09:48

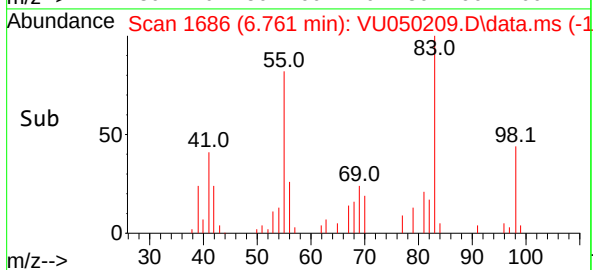
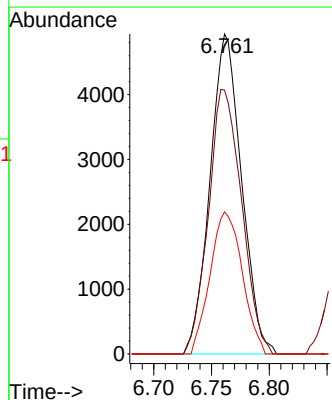
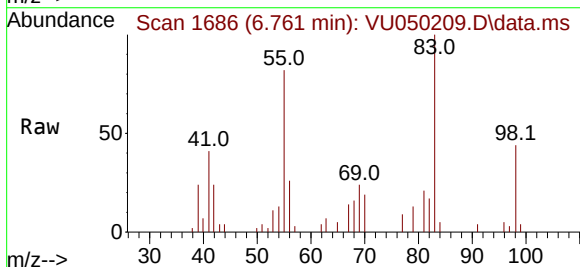
Tgt Ion: 83 Resp: 9363

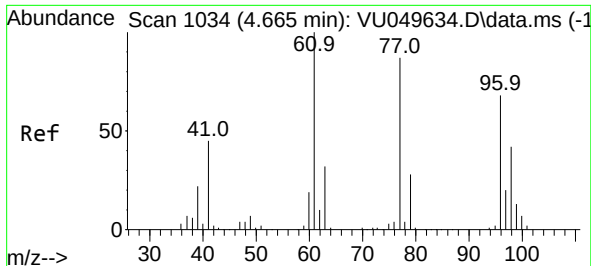
Ion Ratio Lower Upper

83 100

55 87.1 63.0 94.4

98 45.3 35.7 53.5





#21

2,2-Dichloropropane

Concen: 1.118 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU050209.D

Acq: 10 Aug 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 77 Resp: 1300

Ion Ratio Lower Upper

77 100

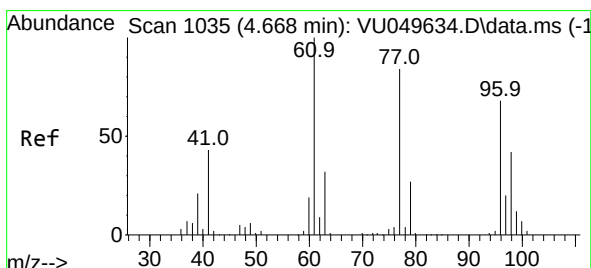
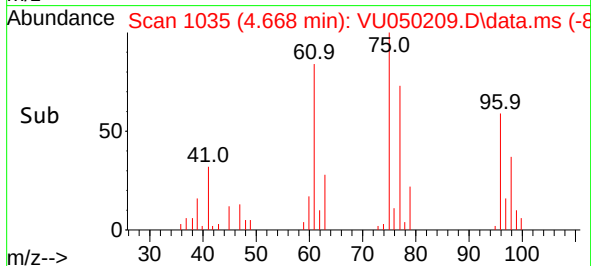
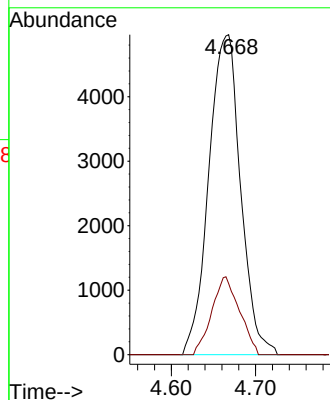
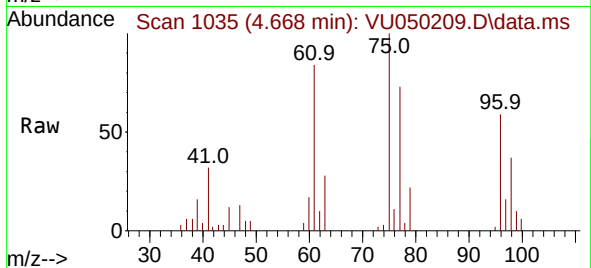
97 21.1 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#22

cis-1,2-Dichloroethene

Concen: 1.087 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU050209.D

Acq: 10 Aug 2022 09:48

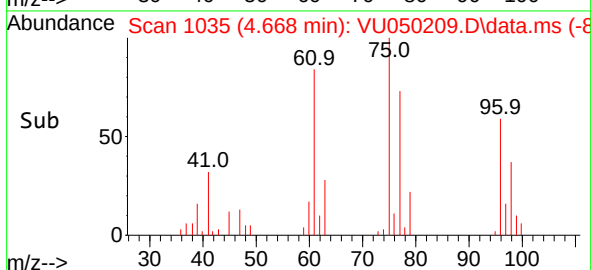
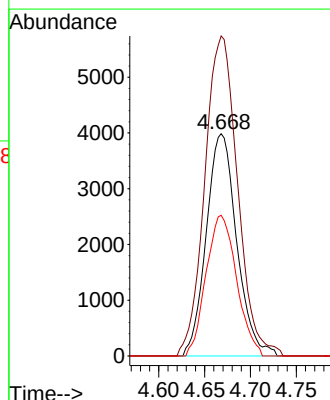
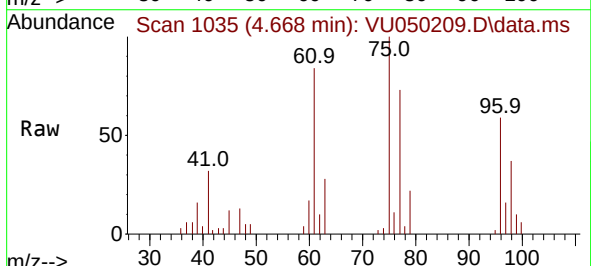
Tgt Ion: 96 Resp: 9212

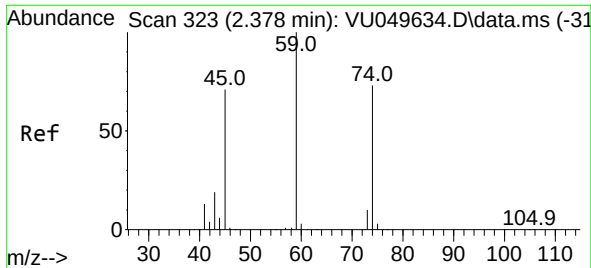
Ion Ratio Lower Upper

96 100

61 154.9 0.0 375.8

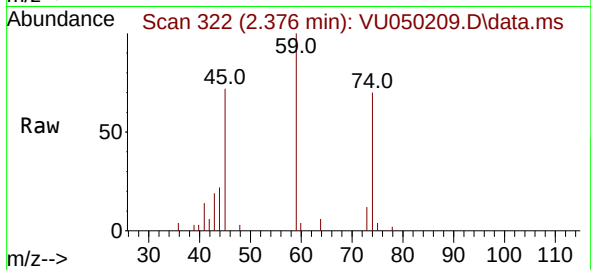
98 63.4 31.6 95.0





#23
Diethyl Ether
Concen: 1.209 ug/l
RT: 2.376 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

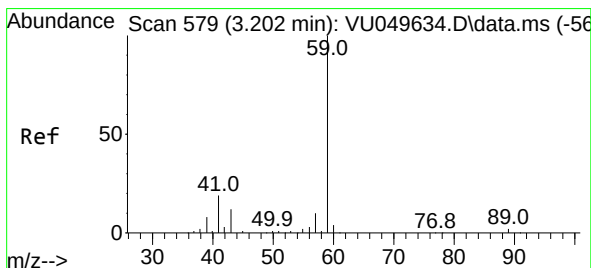
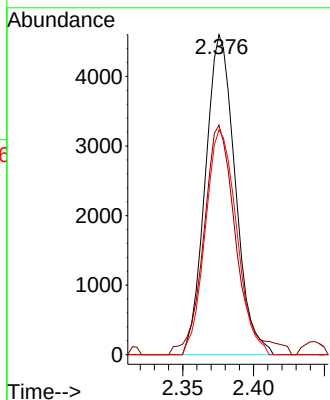
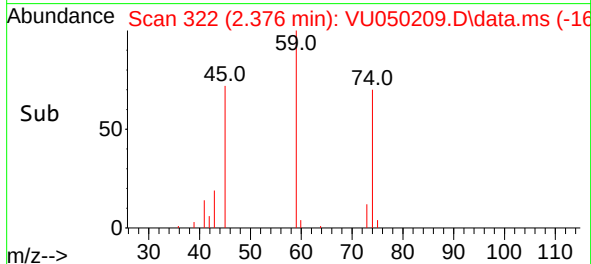
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 59 Resp: 6738
Ion Ratio Lower Upper
59 100
45 77.7 56.0 84.0
74 73.6 57.6 86.4

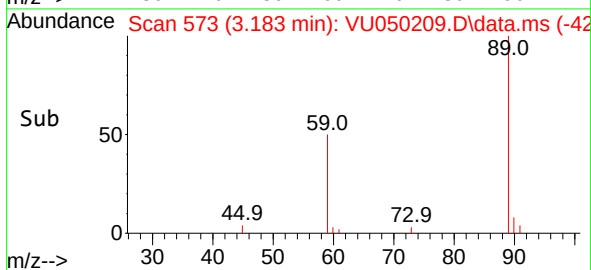
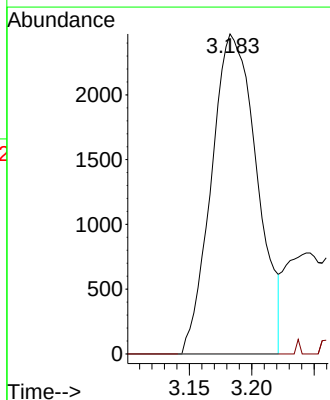
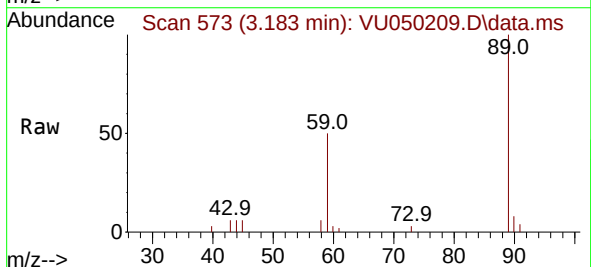
Manual Integrations
APPROVED

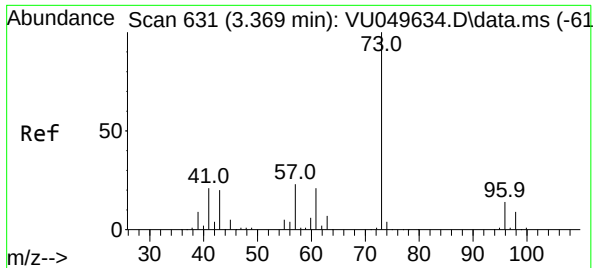
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#24
tert-Butyl Alcohol
Concen: 9.871 ug/l
RT: 3.183 min Scan# 573
Delta R.T. -0.019 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Tgt Ion: 59 Resp: 6279
Ion Ratio Lower Upper
59 100
57 65.0 8.2 12.2#





#25
Methyl tert-Butyl Ether
Concen: 1.031 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

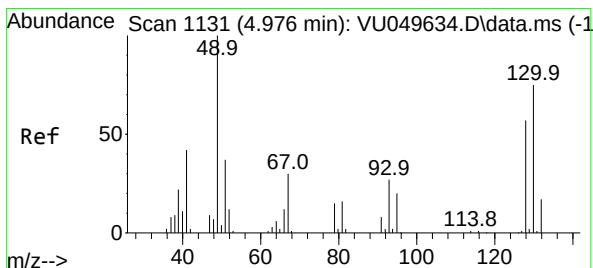
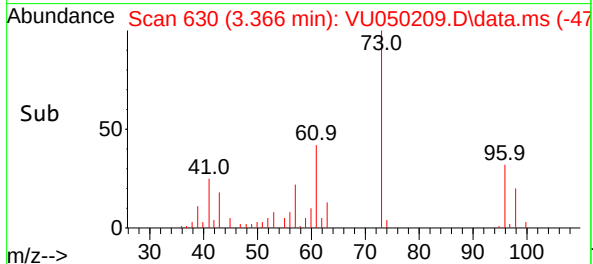
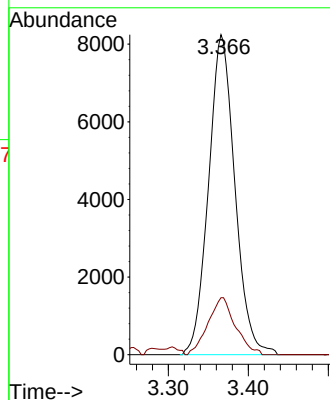
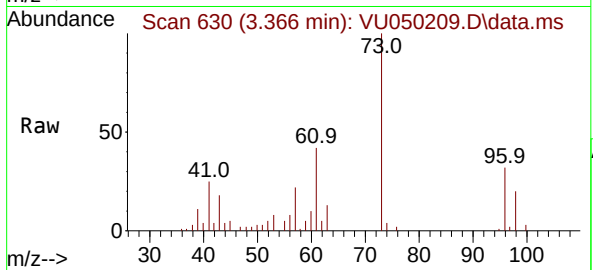
VSTDIC001

Tgt Ion: 73 Resp: 18870
Ion Ratio Lower Upper
73 100
43 18.5 15.9 23.9

Manual Integrations

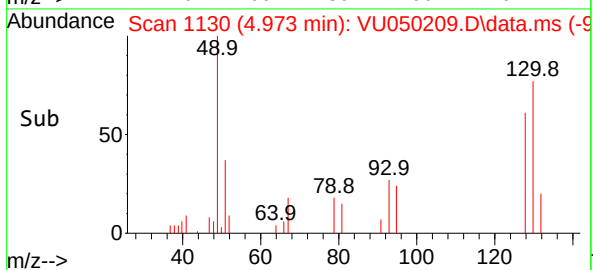
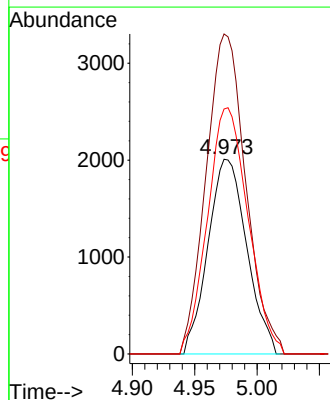
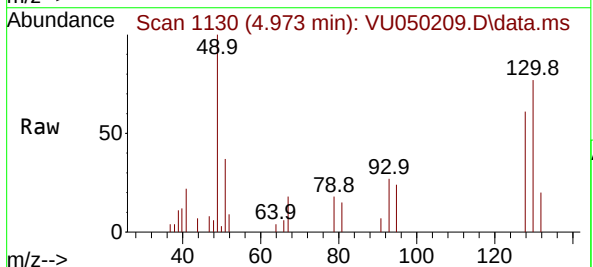
APPROVED

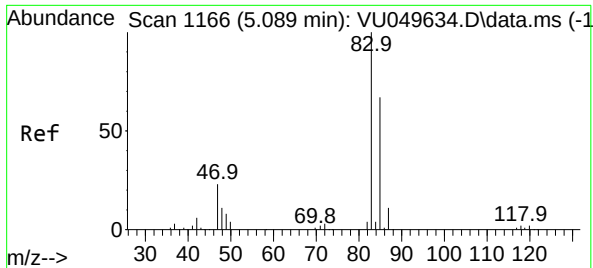
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#26
Bromochloromethane
Concen: 1.217 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Tgt Ion:128 Resp: 4341
Ion Ratio Lower Upper
128 100
49 168.4 0.0 349.2
130 132.7 103.0 154.6





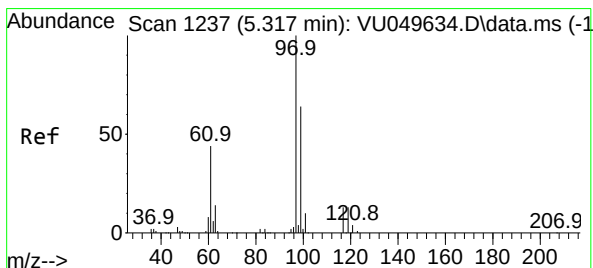
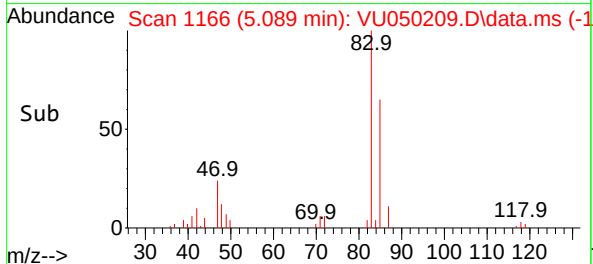
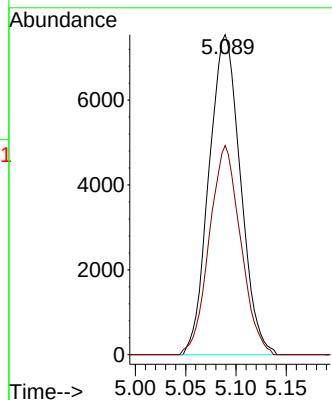
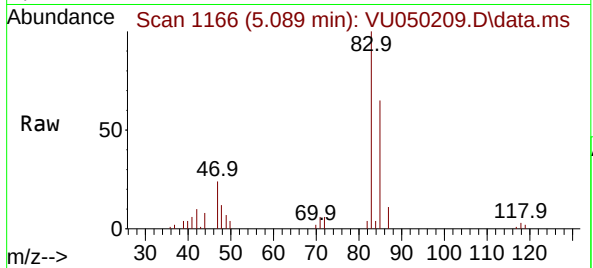
#27
Chloroform
Concen: 1.174 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 16420
Ion Ratio Lower Upper
83 100
85 65.4 0.0 133.6

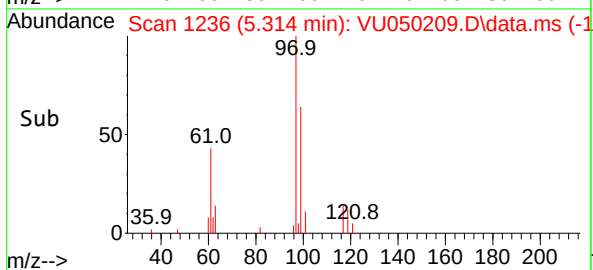
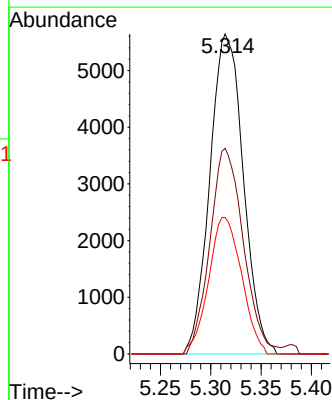
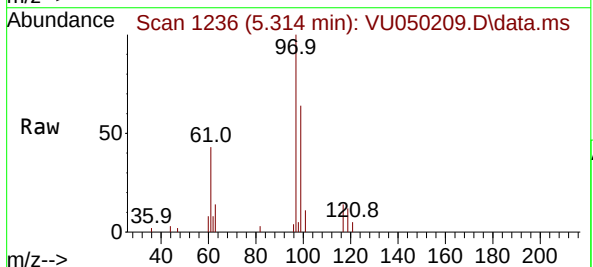
Manual Integrations
APPROVED

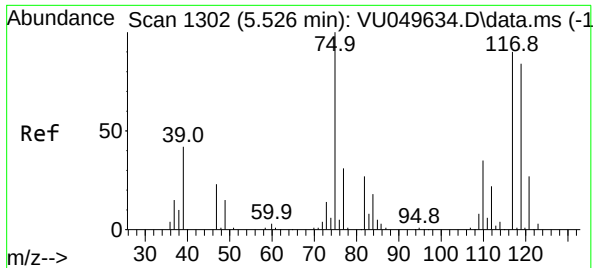
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#28
1,1,1-Trichloroethane
Concen: 1.061 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Tgt Ion: 97 Resp: 13092
Ion Ratio Lower Upper
97 100
99 64.2 32.1 96.5
61 42.1 21.8 65.4





#29

1,1-Dichloropropene

Concen: 0.933 ug/l

RT: 5.527 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU050209.D

Acq: 10 Aug 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

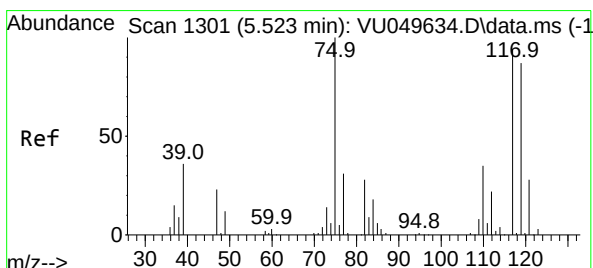
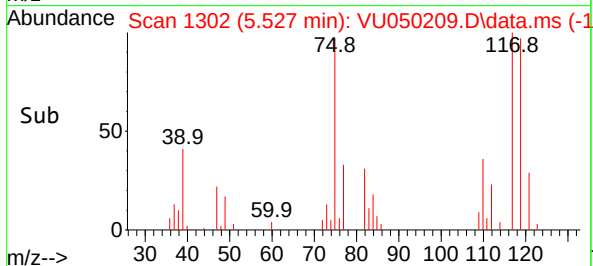
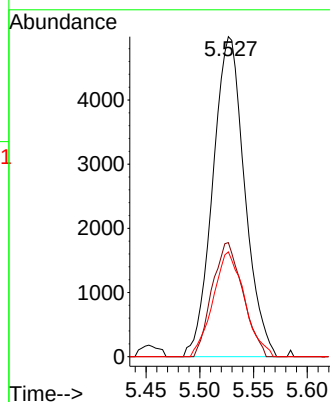
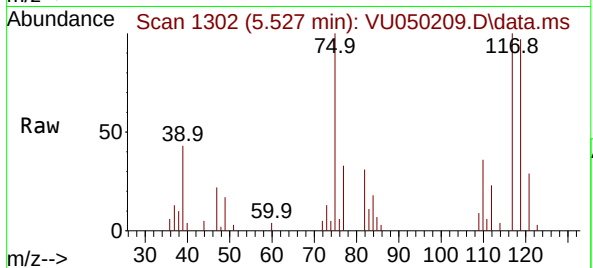
Tgt Ion: 75	Resp: 1027
Ion Ratio	Lower Upper
75	100
110	34.3 17.3 52.0
77	32.3 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#30

Carbon Tetrachloride

Concen: 1.045 ug/l

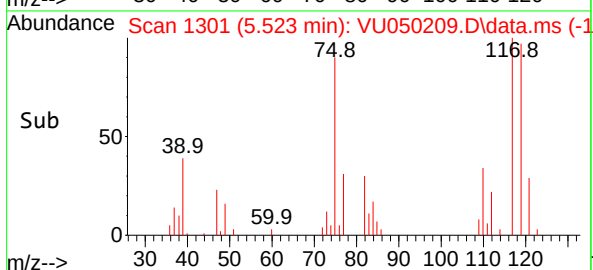
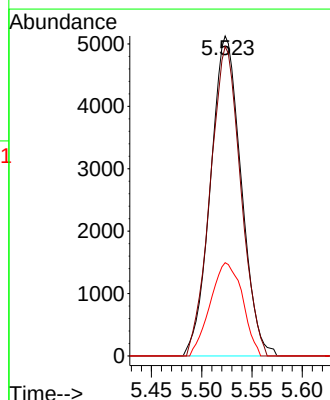
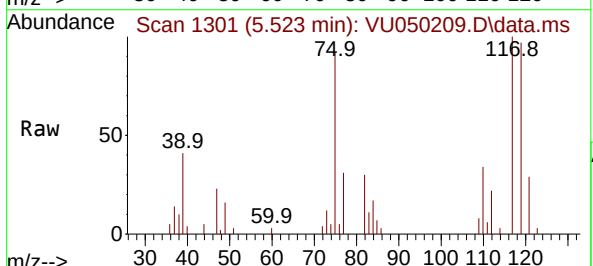
RT: 5.523 min Scan# 1301

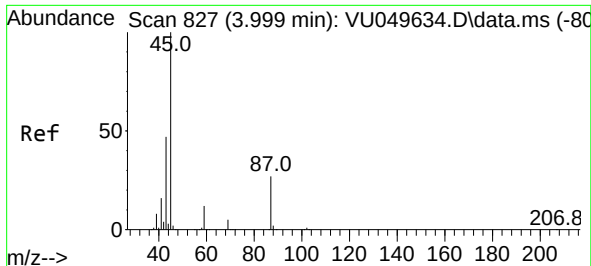
Delta R.T. 0.000 min

Lab File: VU050209.D

Acq: 10 Aug 2022 09:48

Tgt Ion: 117	Resp: 10852
Ion Ratio	Lower Upper
117	100
119	96.7 74.6 112.0
121	29.2 24.2 36.4





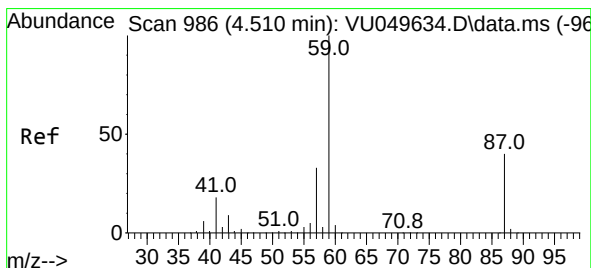
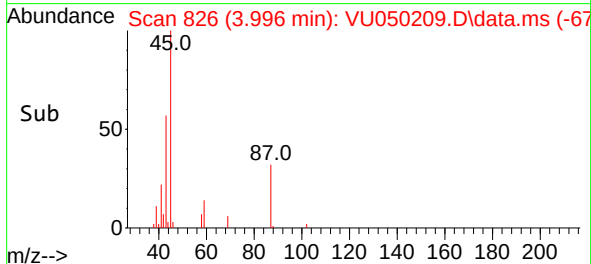
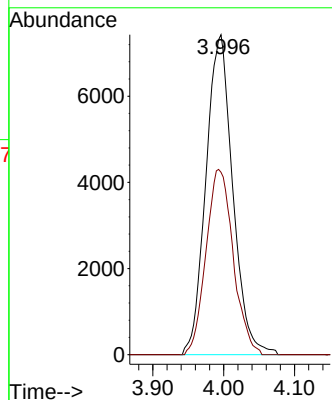
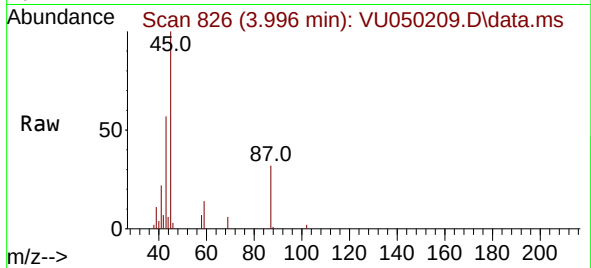
#31
Isopropyl Ether
Concen: 0.801 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 1952
Ion Ratio Lower Upper
45 100
43 58.8 23.8 71.2

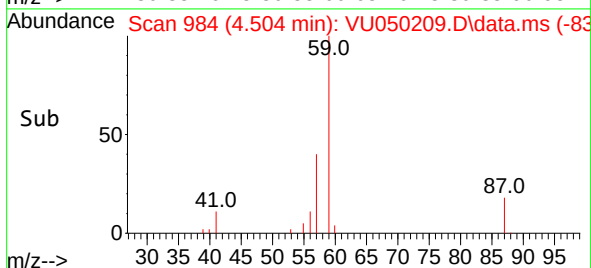
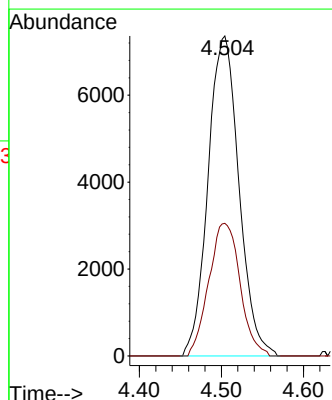
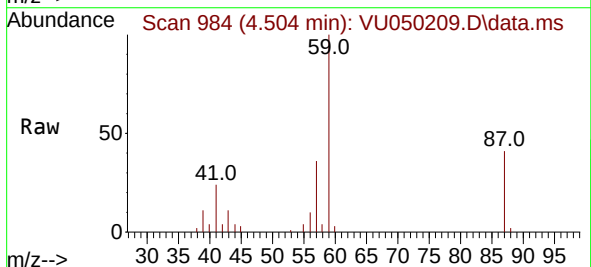
Manual Integrations
APPROVED

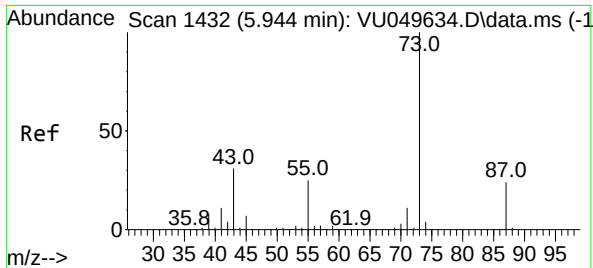
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#32
Ethyl-t-butyl ether
Concen: 0.835 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.006 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Tgt Ion: 59 Resp: 19256
Ion Ratio Lower Upper
59 100
87 42.0 32.5 48.7





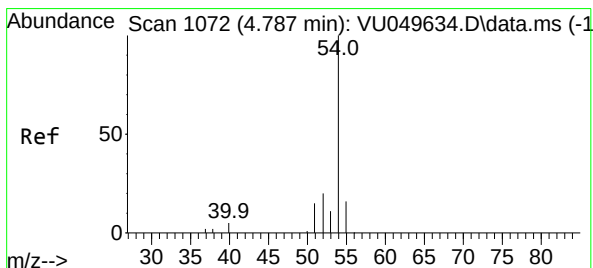
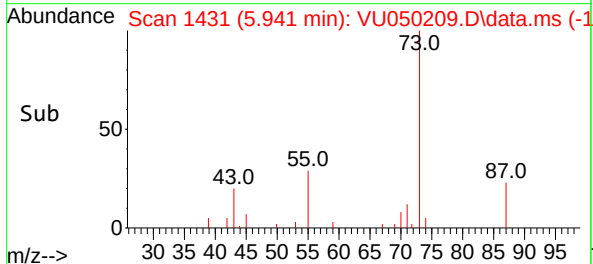
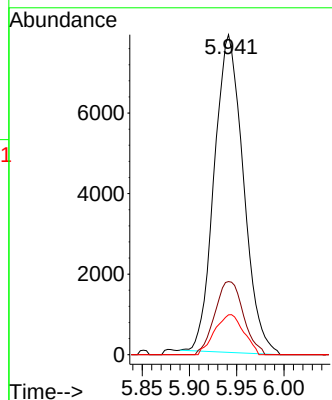
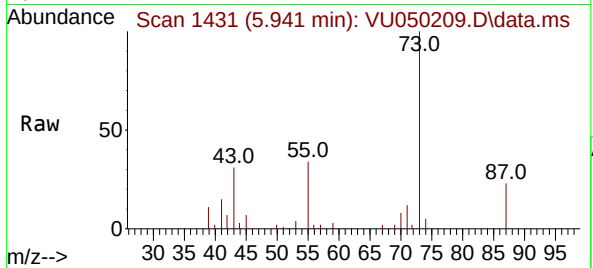
#33
Tert-Amyl methyl ether
Concen: 0.840 ug/l
RT: 5.941 min Scan# 1432
Delta R.T. -0.003 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 1685
Ion Ratio Lower Upper
73 100
87 22.6 19.7 29.5
71 12.5 9.0 13.4

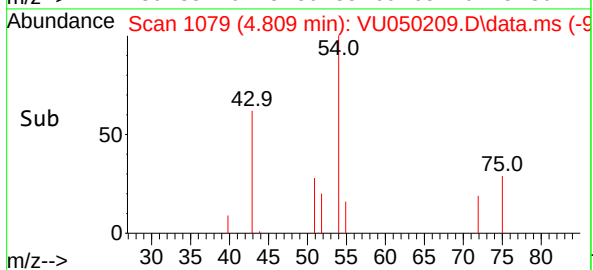
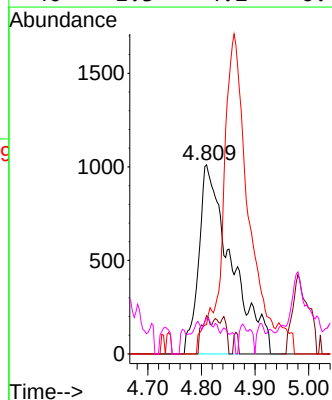
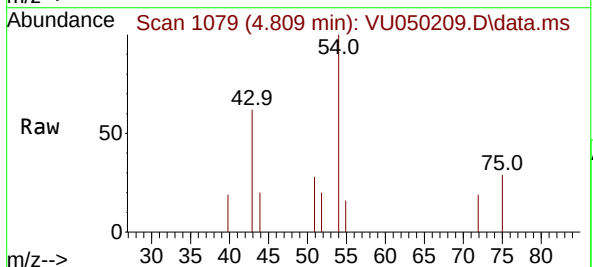
Manual Integrations
APPROVED

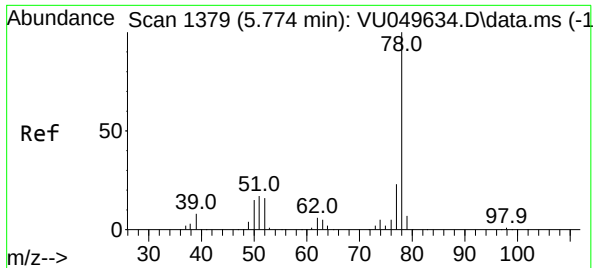
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#34
Propionitrile
Concen: 6.294 ug/l m
RT: 4.809 min Scan# 1079
Delta R.T. 0.022 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Tgt Ion: 54 Resp: 4247
Ion Ratio Lower Upper
54 100
52 6.0 15.0 22.6#
55 0.0 12.6 19.0#
40 1.3 4.2 6.4#





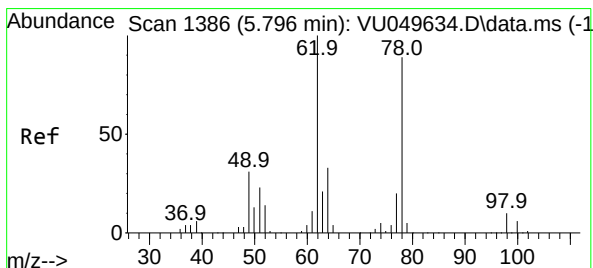
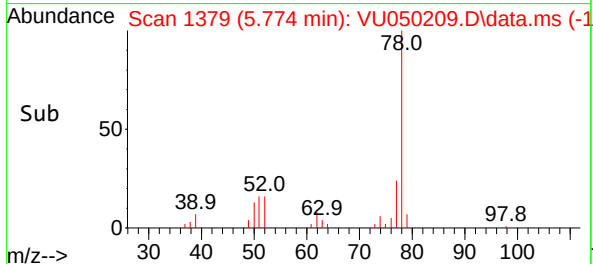
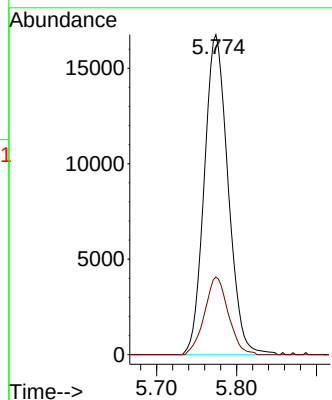
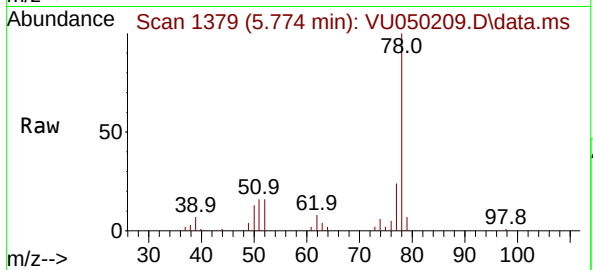
#35
Benzene
Concen: 1.106 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 34700
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0

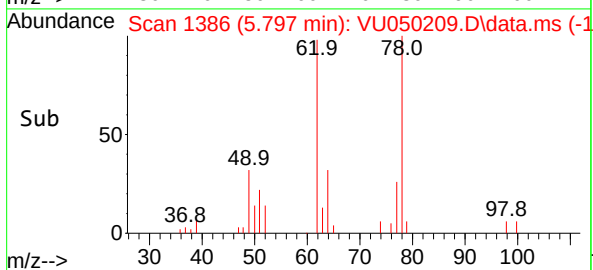
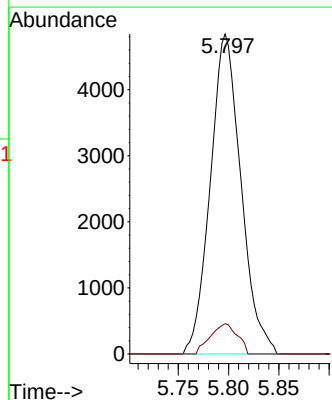
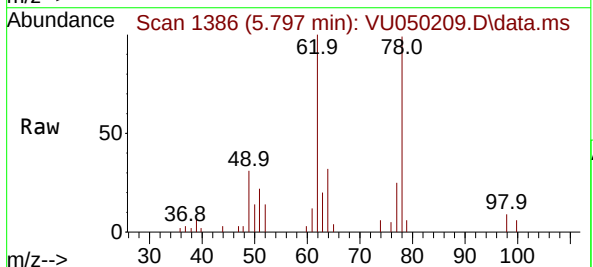
Manual Integrations
APPROVED

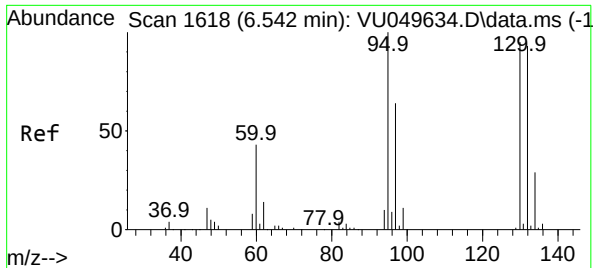
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#36
1,2-Dichloroethane
Concen: 1.151 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

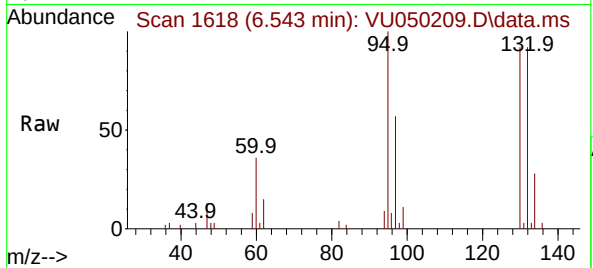
Tgt Ion: 62 Resp: 10268
Ion Ratio Lower Upper
62 100
98 8.3 7.4 11.0





#37
Trichloroethene
Concen: 1.051 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

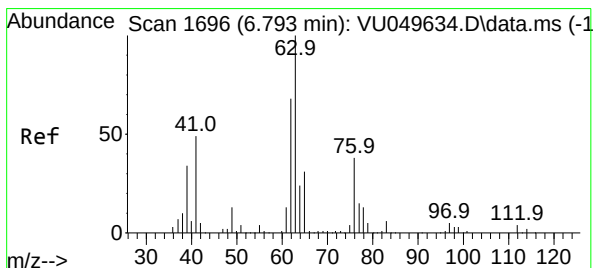
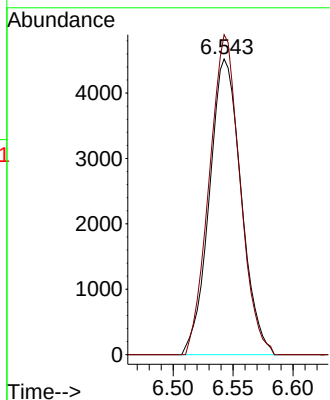
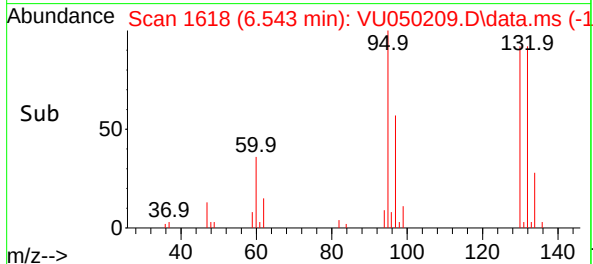
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



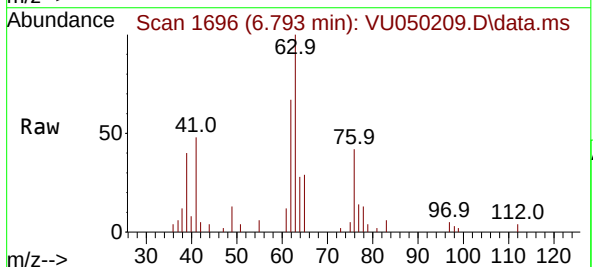
Tgt Ion:130 Resp: 8340
Ion Ratio Lower Upper
130 100
95 108.2 83.8 125.8

Manual Integrations
APPROVED

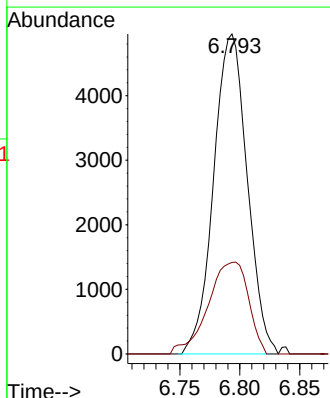
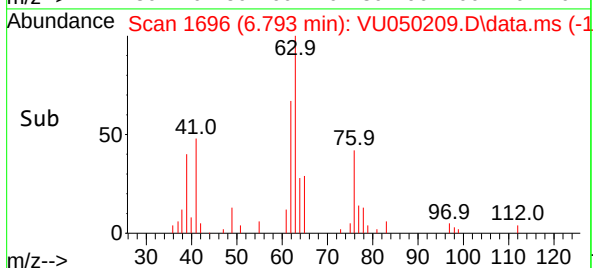
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

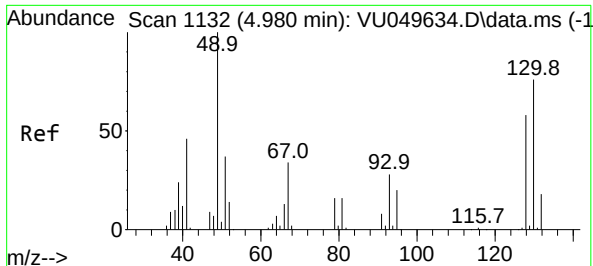


#38
1,2-Dichloropropane
Concen: 1.161 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48



Tgt Ion: 63 Resp: 9644
Ion Ratio Lower Upper
63 100
65 28.6 25.0 37.4





#39

Methacrylonitrile

Concen: 0.847 ug/l

RT: 4.983 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VU050209.D

Acq: 10 Aug 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 2449

Ion Ratio Lower Upper

41 100

67 85.3 59.4 89.0

39 51.6 42.2 63.2

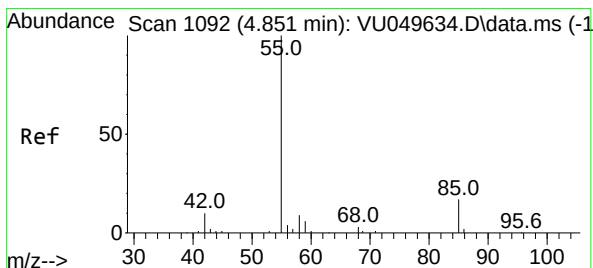
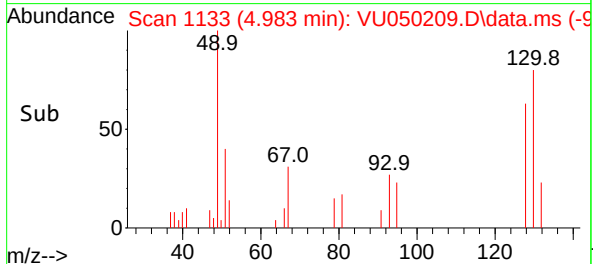
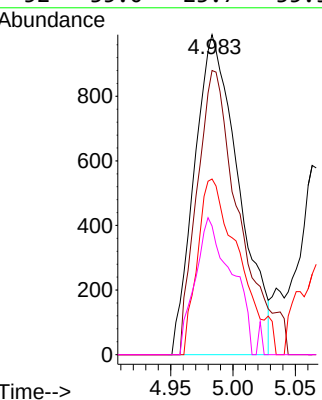
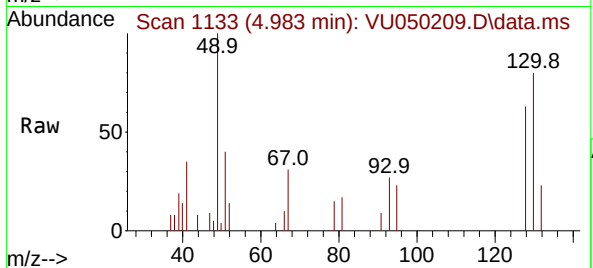
52 35.0 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#40

Methyl acrylate

Concen: 1.222 ug/l

RT: 4.861 min Scan# 1095

Delta R.T. 0.010 min

Lab File: VU050209.D

Acq: 10 Aug 2022 09:48

Tgt Ion: 55 Resp: 5533

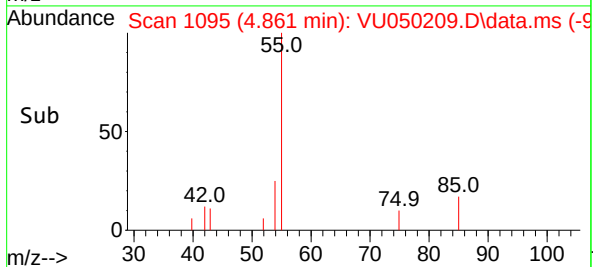
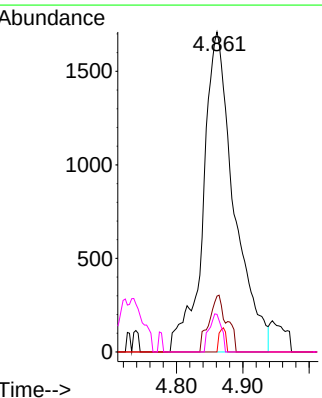
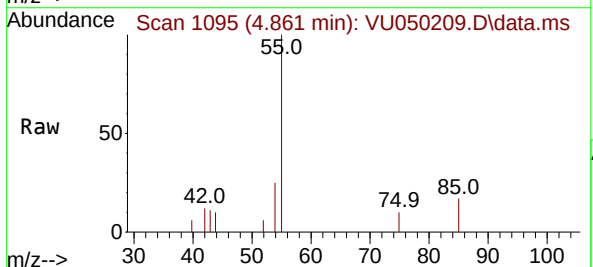
Ion Ratio Lower Upper

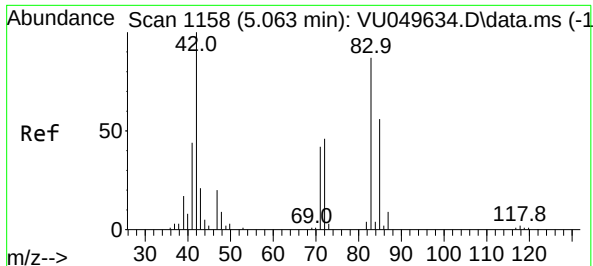
55 100

85 10.2 13.5 20.3#

58 1.6 7.0 10.4#

42 4.6 7.0 10.6#





#41

Tetrahydrofuran

Concen: 1.887 ug/l m

RT: 5.076 min Scan# 1158

Delta R.T. 0.013 min

Lab File: VU050209.D

Acq: 10 Aug 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

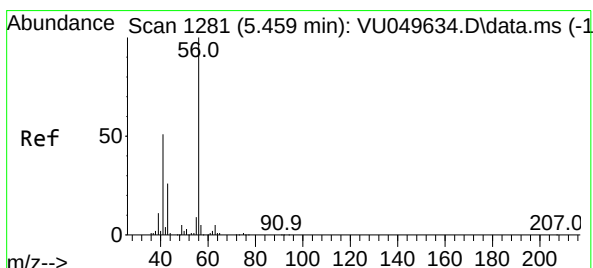
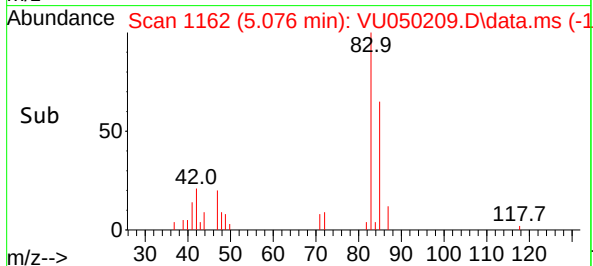
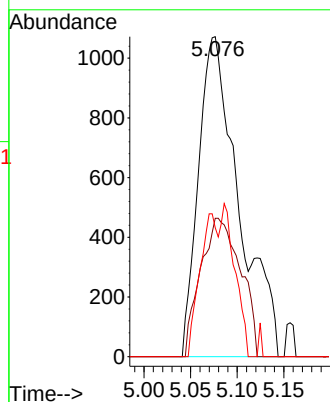
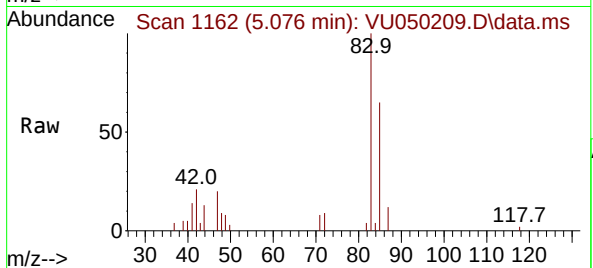
Tgt Ion:	42	Resp:	3225
Ion Ratio	Lower	Upper	
42	100		
72	42.9	38.9	58.3
71	20.2	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#42

1-Chlorobutane

Concen: 0.951 ug/l

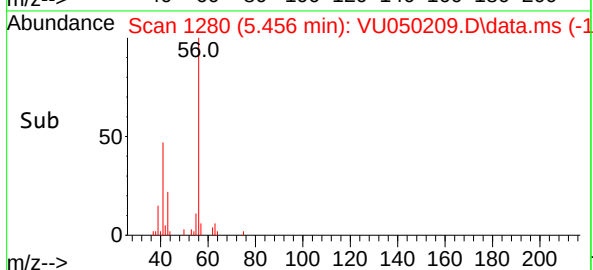
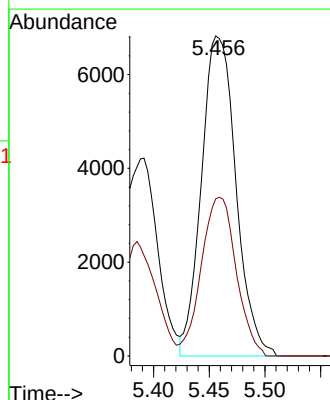
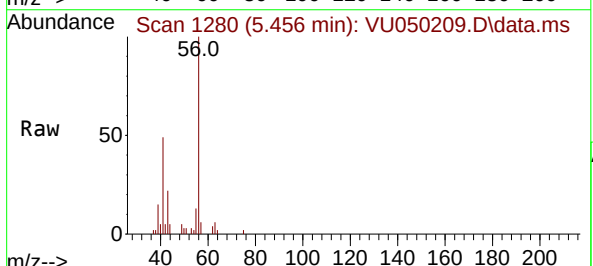
RT: 5.456 min Scan# 1280

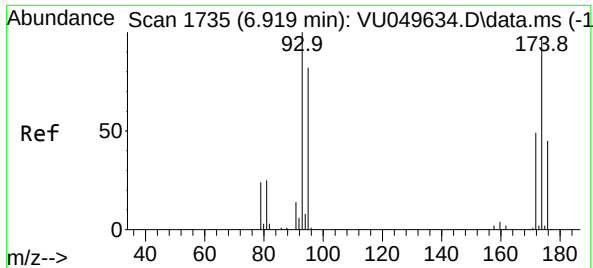
Delta R.T. -0.003 min

Lab File: VU050209.D

Acq: 10 Aug 2022 09:48

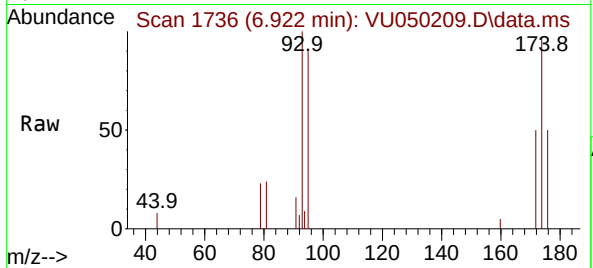
Tgt Ion:	56	Resp:	14693
Ion Ratio	Lower	Upper	
56	100		
41	50.4	26.4	79.2





#43
Dibromomethane
Concen: 1.202 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

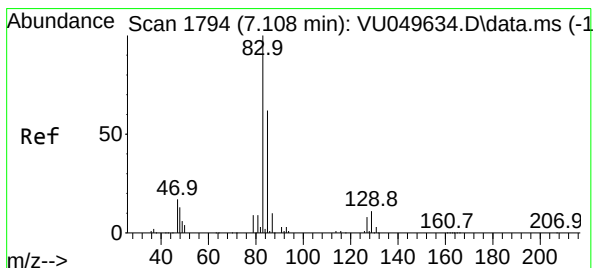
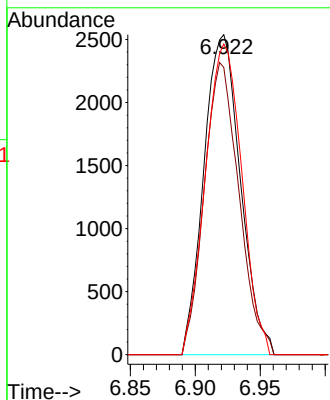
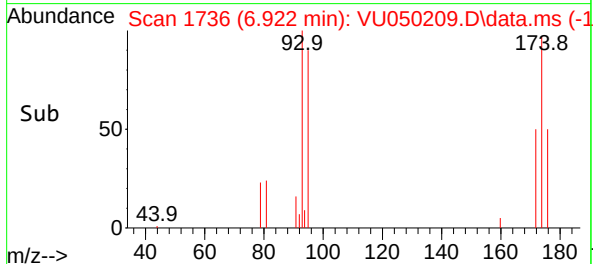
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



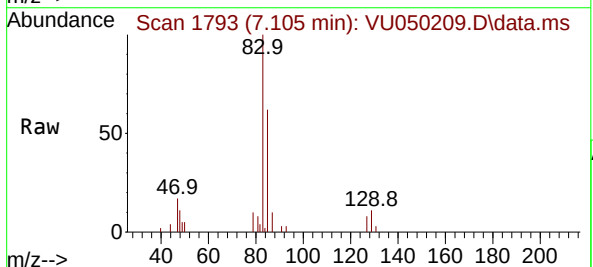
Tgt Ion: 93 Resp: 4970
Ion Ratio Lower Upper
93 100
95 86.6 65.0 97.6
174 96.8 76.3 114.5

Manual Integrations
APPROVED

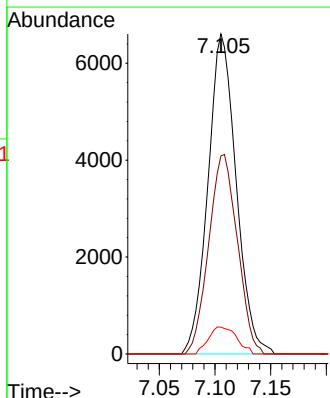
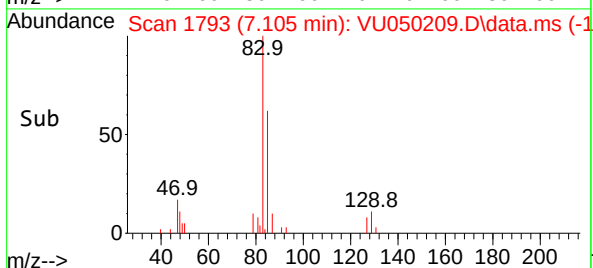
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

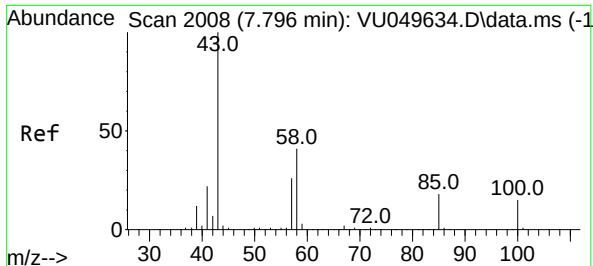


#44
Bromodichloromethane
Concen: 1.173 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48



Tgt Ion: 83 Resp: 11643
Ion Ratio Lower Upper
83 100
85 61.9 49.4 74.0
127 8.4 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 4.563 ug/l

RT: 7.797 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU050209.D

Acq: 10 Aug 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

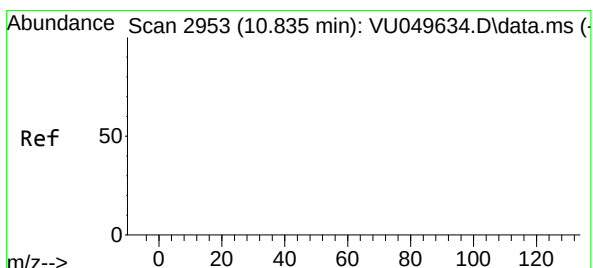
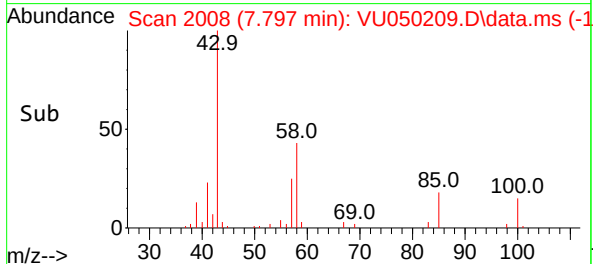
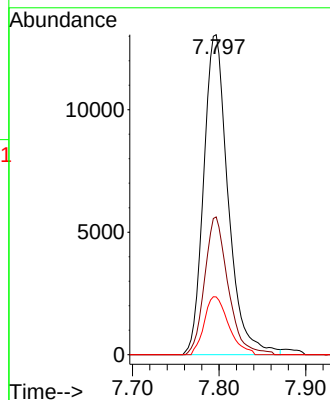
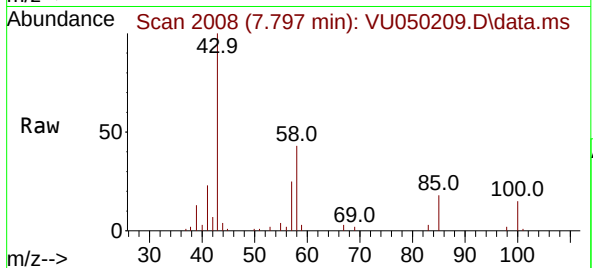
Tgt Ion: 43	Resp: 25638
Ion Ratio	Lower Upper
43 100	
58 41.5	20.3 61.0
85 18.0	14.6 21.8

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: 2.622 ug/l m

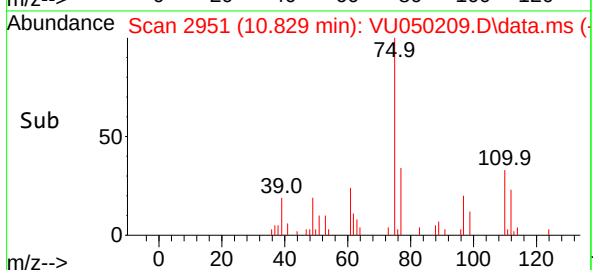
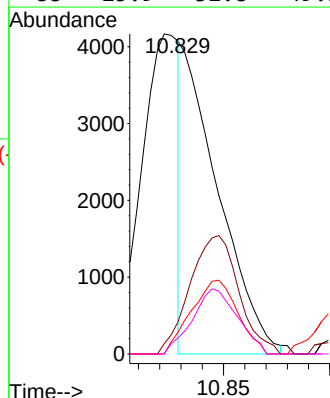
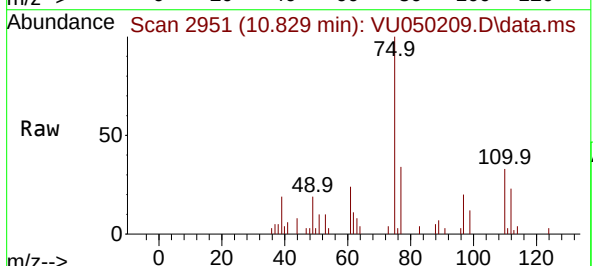
RT: 10.829 min Scan# 2951

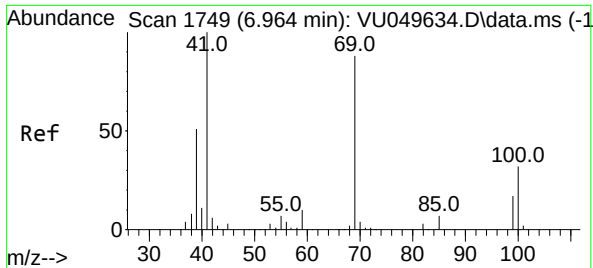
Delta R.T. -0.006 min

Lab File: VU050209.D

Acq: 10 Aug 2022 09:48

Tgt Ion: 75	Resp: 4794
Ion Ratio	Lower Upper
75 100	
53 51.2	64.4 96.6#
89 30.3	44.2 66.2#
88 25.9	32.8 49.2#





#47
Methyl methacrylate
Concen: 1.839 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

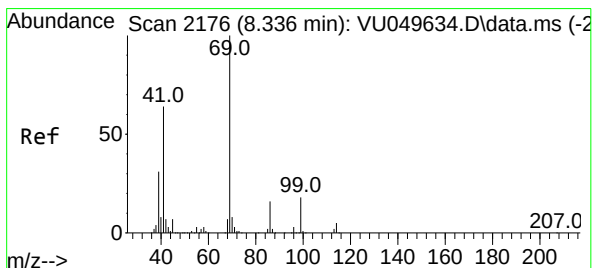
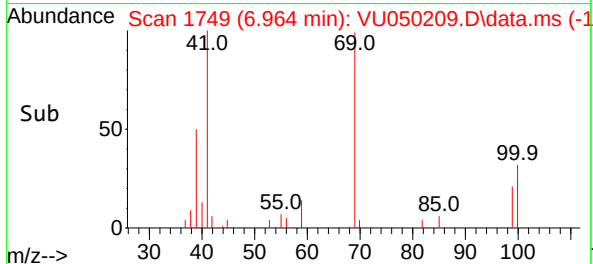
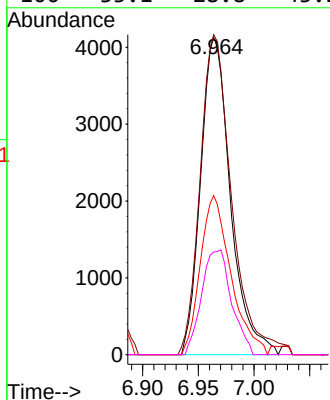
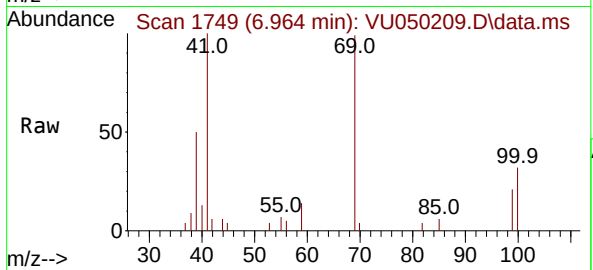
Tgt Ion: 69 Resp: 7670
Ion Ratio Lower Upper
69 100
41 107.1 0.0 225.4
39 51.6 45.8 68.8
100 33.1 28.8 43.2

Manual Integrations

APPROVED

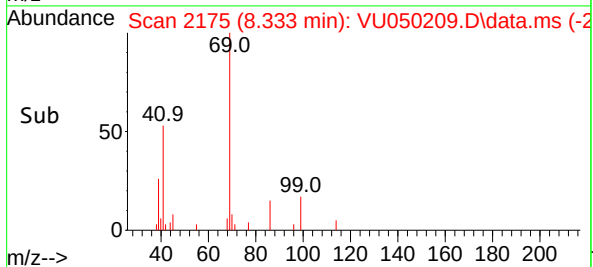
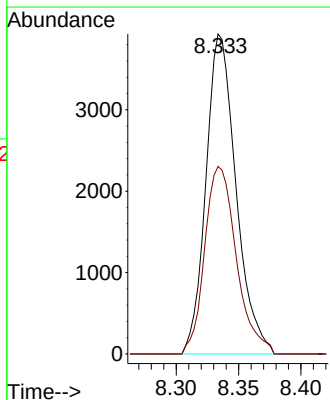
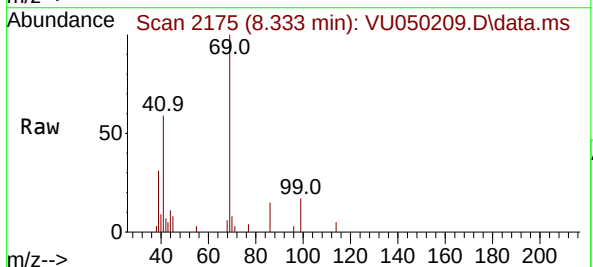
Reviewed By :John Carlone 08/11/2022

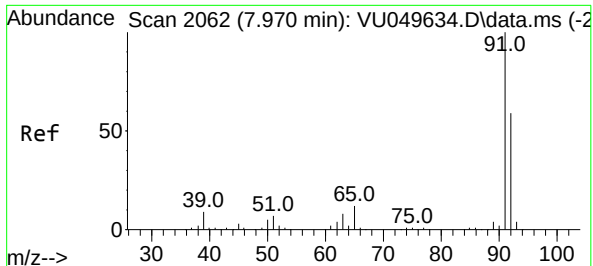
Supervised By :Mahesh Dadoda 08/11/2022



#48
Ethyl methacrylate
Concen: 0.788 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.003 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

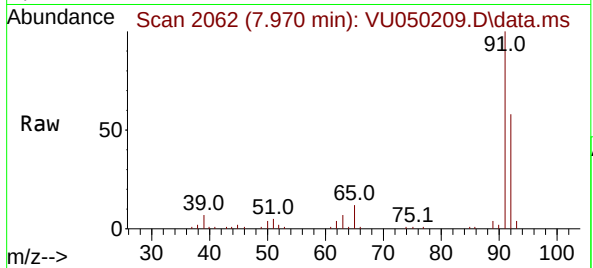
Tgt Ion: 69 Resp: 6603
Ion Ratio Lower Upper
69 100
41 61.7 32.3 96.9





#49
Toluene
Concen: 0.984 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

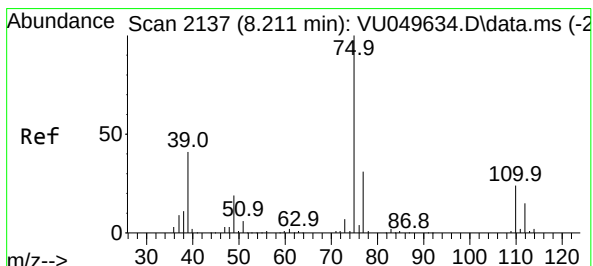
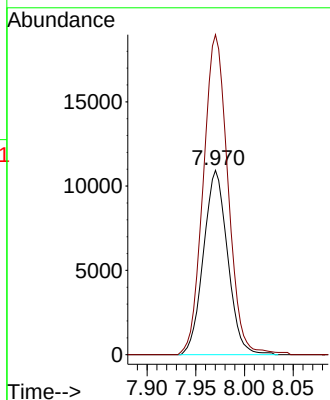
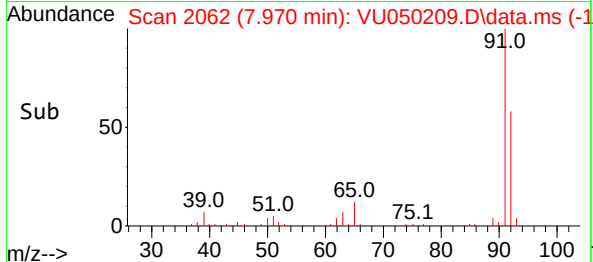
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 92 Resp: 1886
Ion Ratio Lower Upper
92 100
91 177.3 138.6 207.8

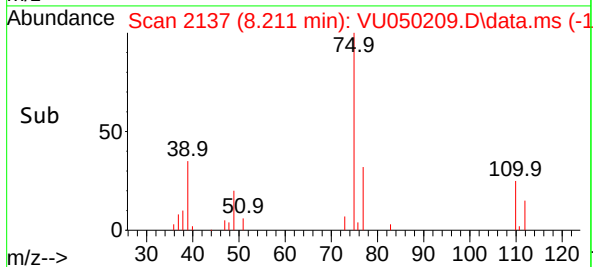
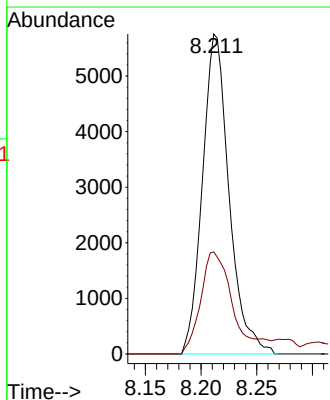
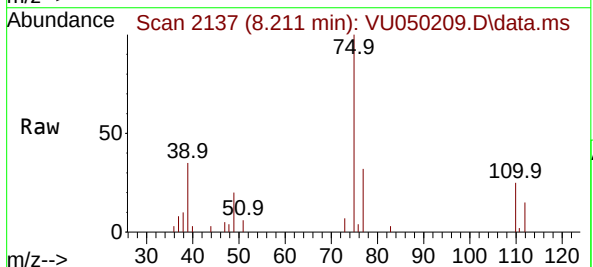
Manual Integrations
APPROVED

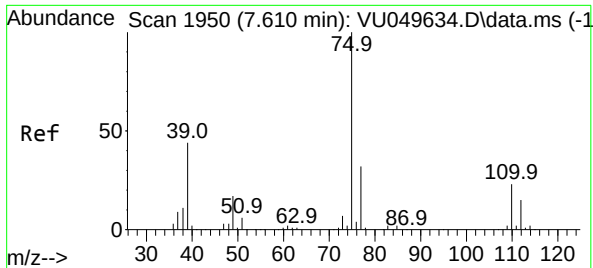
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#50
t-1,3-Dichloropropene
Concen: 0.999 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Tgt Ion: 75 Resp: 9577
Ion Ratio Lower Upper
75 100
77 31.9 24.7 37.1





#51
 cis-1,3-Dichloropropene
 Concen: 1.022 ug/l
 RT: 7.607 min Scan# 1950
 Delta R.T. -0.003 min
 Lab File: VU050209.D
 Acq: 10 Aug 2022 09:48

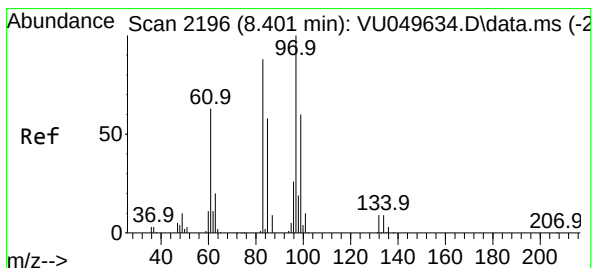
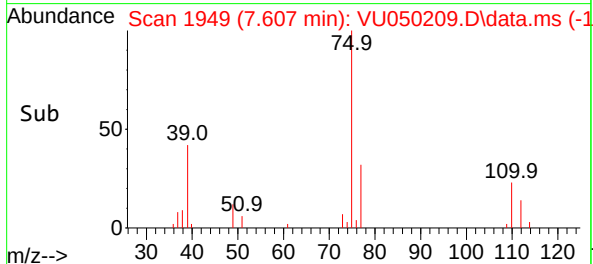
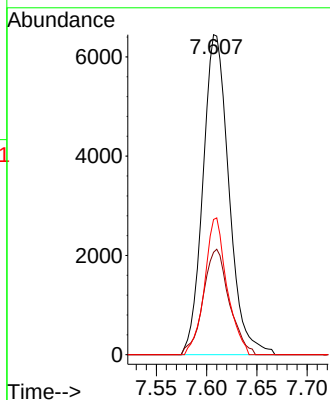
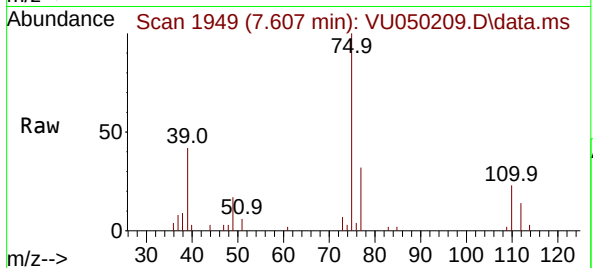
Instrument : MSVOA_U
 ClientSampleId : VSTDIC001

Tgt Ion: 75 Resp: 11610

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.4	38.0
39	42.3	35.1	52.7

Manual Integrations
 APPROVED

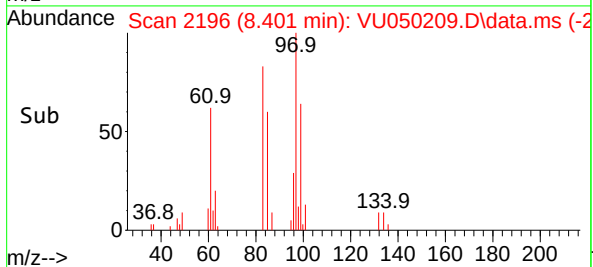
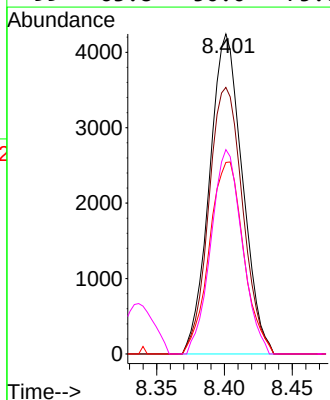
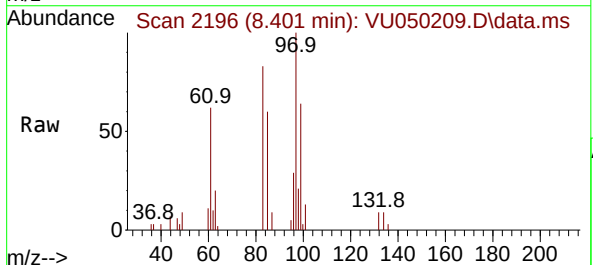
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

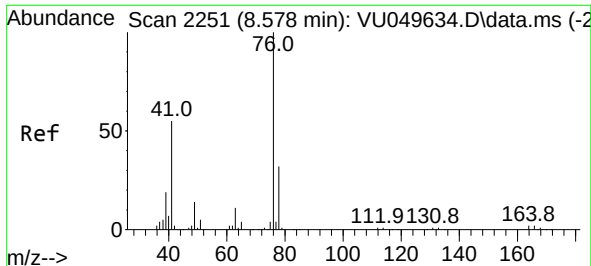


#52
 1,1,2-Trichloroethane
 Concen: 1.254 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: VU050209.D
 Acq: 10 Aug 2022 09:48

Tgt Ion: 97 Resp: 7167

Ion	Ratio	Lower	Upper
97	100		
83	83.3	70.6	106.0
85	59.8	46.2	69.4
99	63.8	50.0	75.0





#53

1,3-Dichloropropane

Concen: 1.176 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU050209.D

Acq: 10 Aug 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 76 Resp: 12058

Ion Ratio Lower Upper

76 100

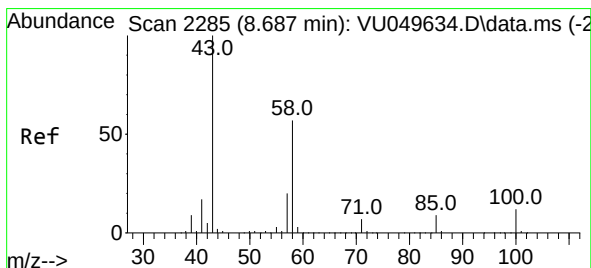
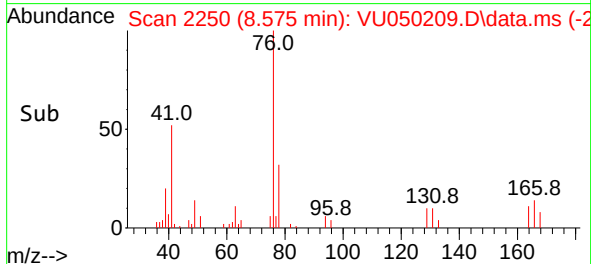
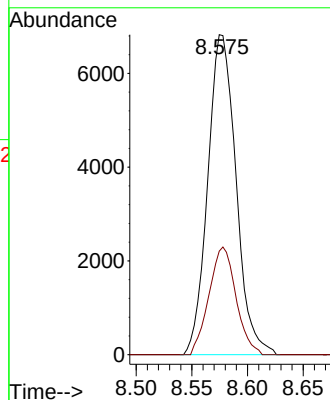
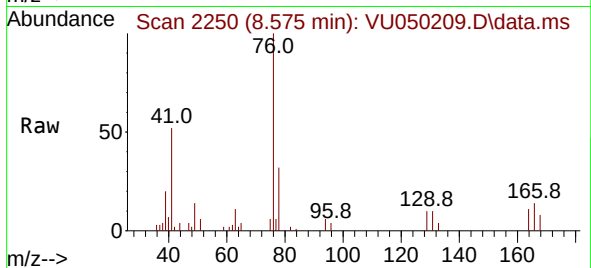
78 32.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#54

2-Hexanone

Concen: 4.672 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU050209.D

Acq: 10 Aug 2022 09:48

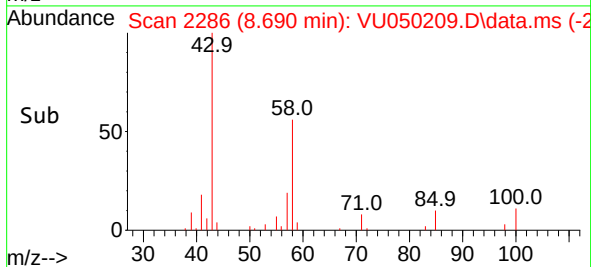
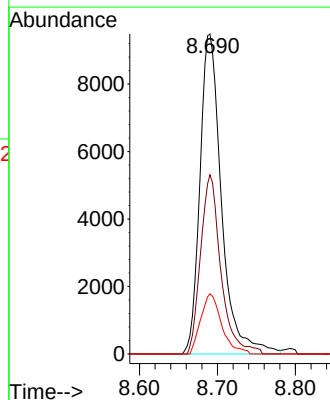
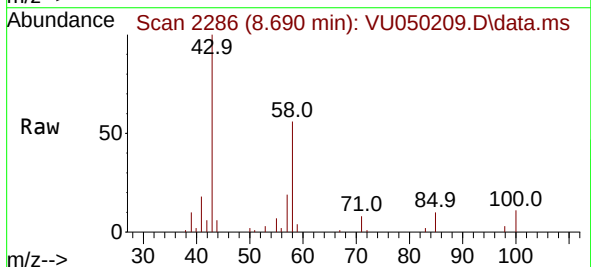
Tgt Ion: 43 Resp: 18234

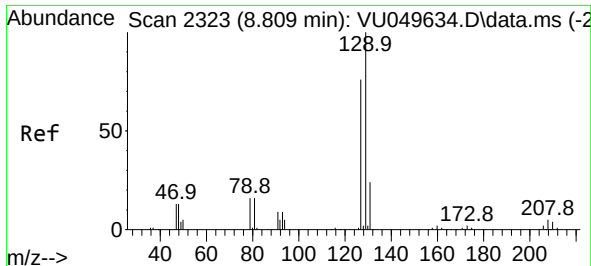
Ion Ratio Lower Upper

43 100

58 52.5 37.1 77.1

57 18.2 0.0 39.5





#55

Dibromochloromethane

Concen: 1.158 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VU050209.D

Acq: 10 Aug 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion:129 Resp: 7560

Ion Ratio Lower Upper

129 100

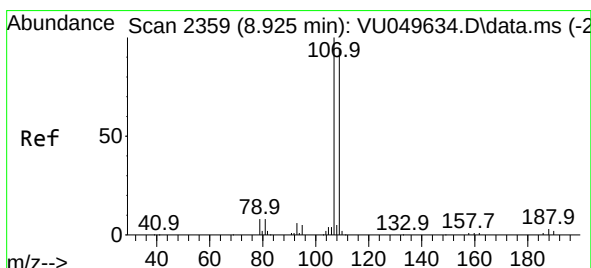
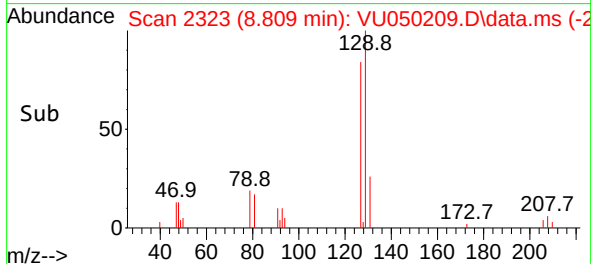
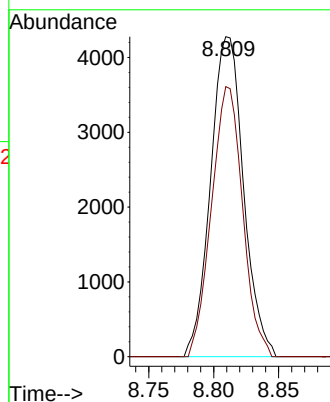
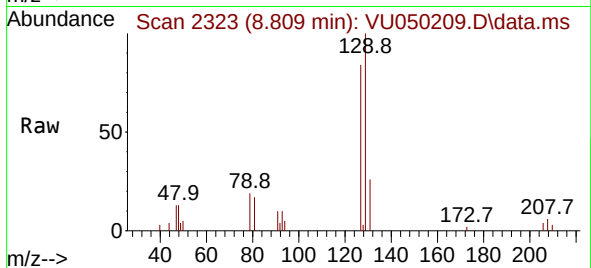
127 79.5 61.2 91.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#56

1,2-Dibromoethane

Concen: 1.163 ug/l

RT: 8.925 min Scan# 2359

Delta R.T. 0.000 min

Lab File: VU050209.D

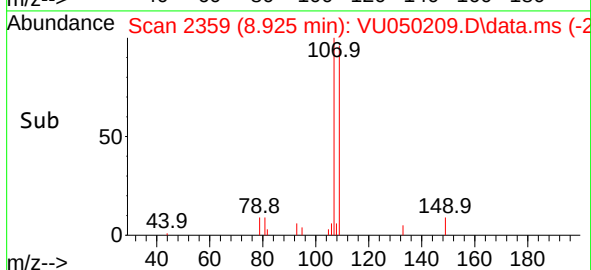
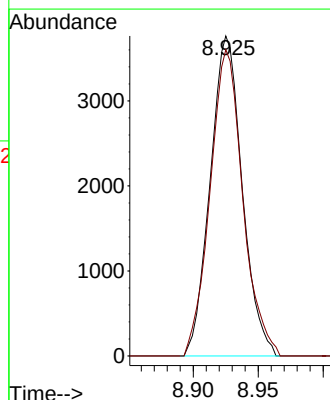
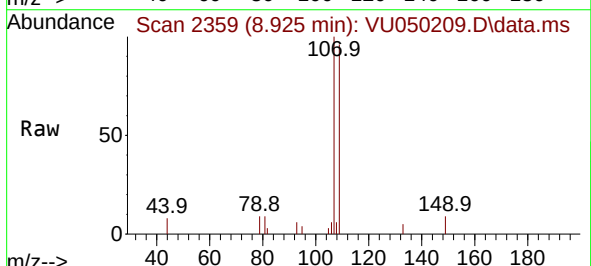
Acq: 10 Aug 2022 09:48

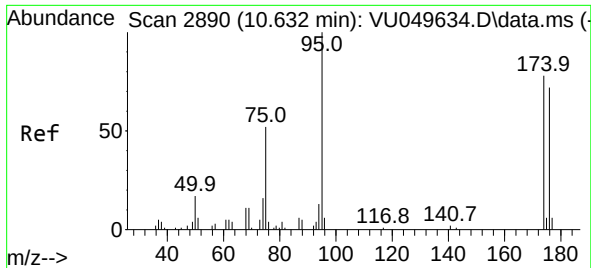
Tgt Ion:107 Resp: 6437

Ion Ratio Lower Upper

107 100

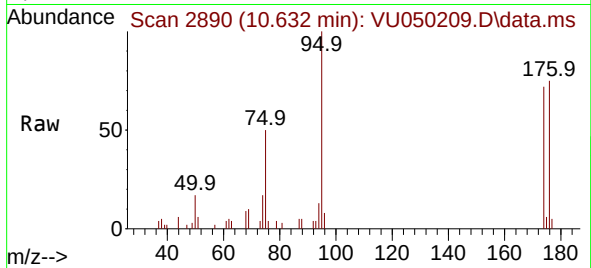
109 97.9 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 0.849 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

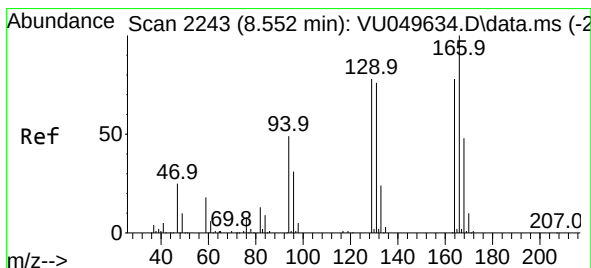
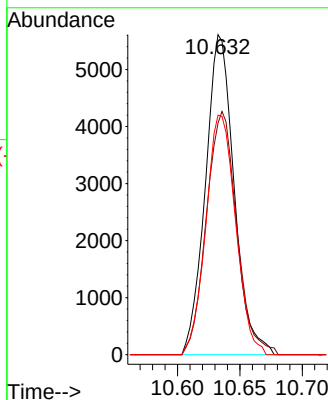
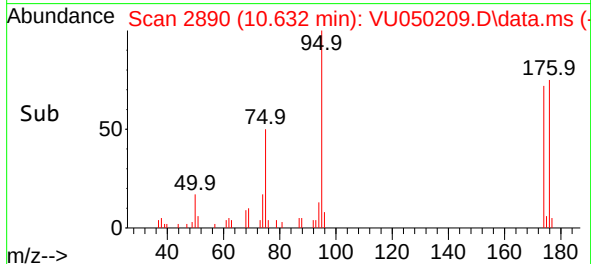
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 95 Resp: 8975
Ion Ratio Lower Upper
95 100
174 80.5 62.4 93.6
176 77.6 56.2 84.2

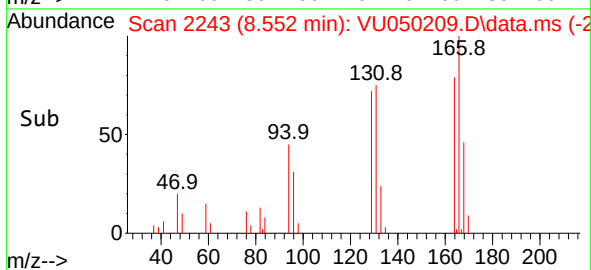
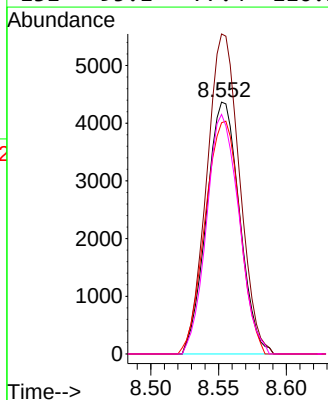
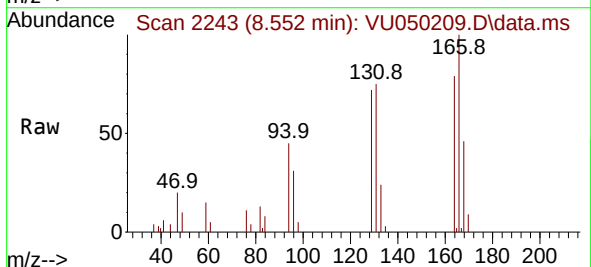
Manual Integrations
APPROVED

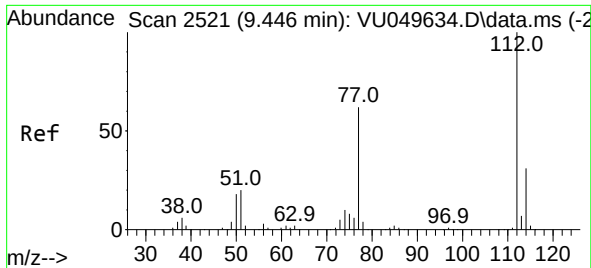
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#58
Tetrachloroethene
Concen: 1.125 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

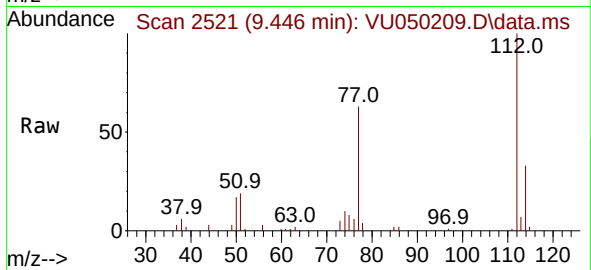
Tgt Ion:164 Resp: 7418
Ion Ratio Lower Upper
164 100
166 127.0 102.4 153.6
129 91.8 79.5 119.3
131 95.1 77.4 116.2





#59
Chlorobenzene
Concen: 0.985 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

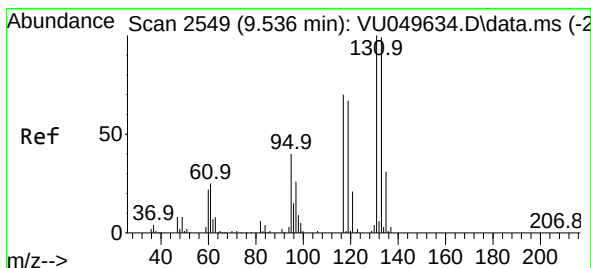
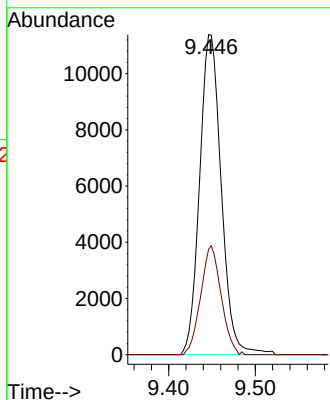
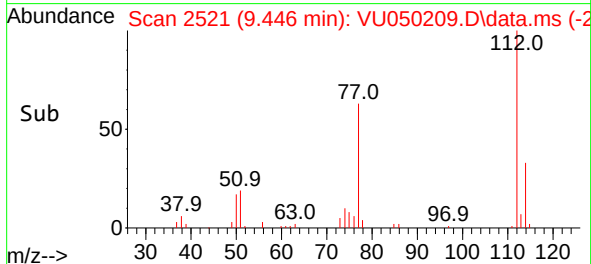
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



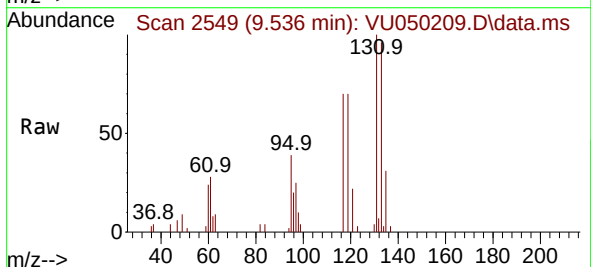
Tgt Ion:112 Resp: 19760
Ion Ratio Lower Upper
112 100
114 32.9 24.9 37.3

Manual Integrations
APPROVED

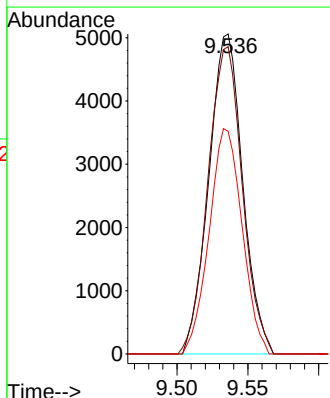
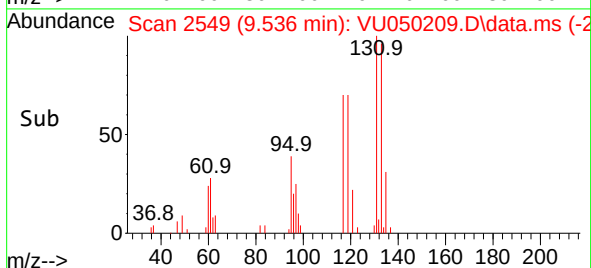
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

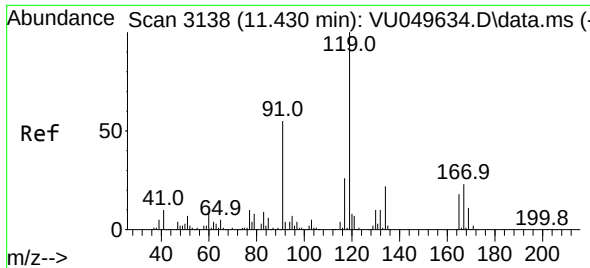


#60
1,1,1,2-Tetrachloroethane
Concen: 1.181 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48



Tgt Ion:131 Resp: 8424
Ion Ratio Lower Upper
131 100
133 97.4 78.3 117.5
119 68.5 53.2 79.8





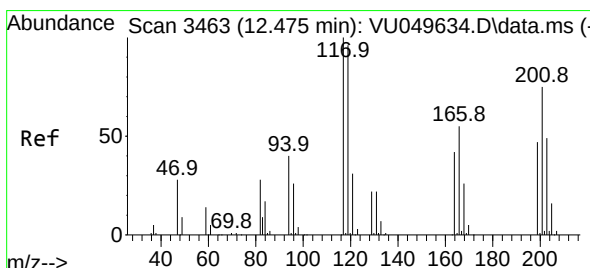
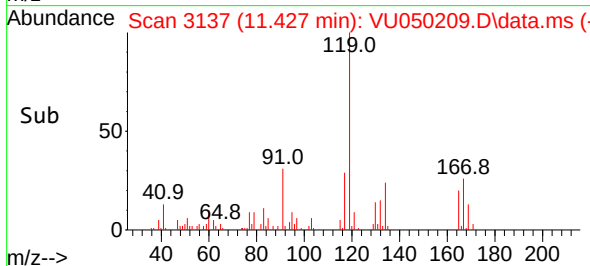
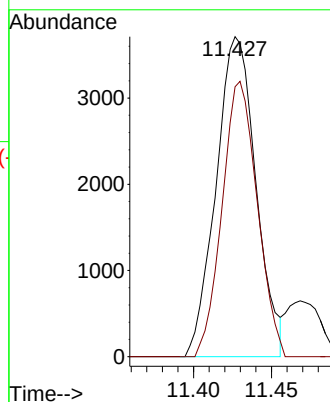
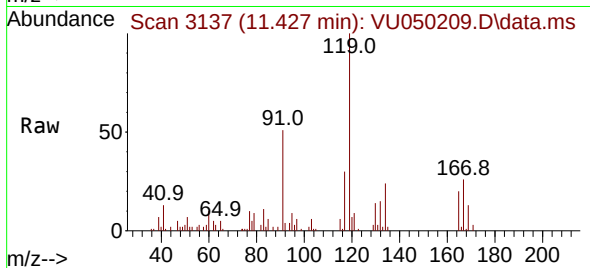
#61
Pentachloroethane
Concen: 1.205 ug/l
RT: 11.427 min Scan# 3138
Delta R.T. -0.003 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 6598
Ion Ratio Lower Upper
117 100
167 75.8 66.2 99.4

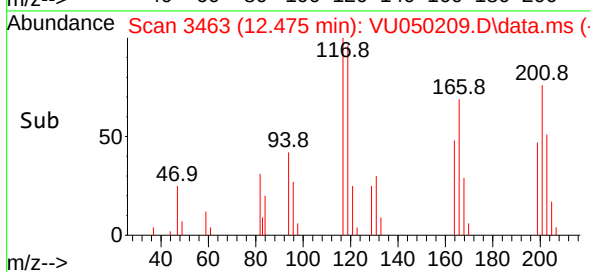
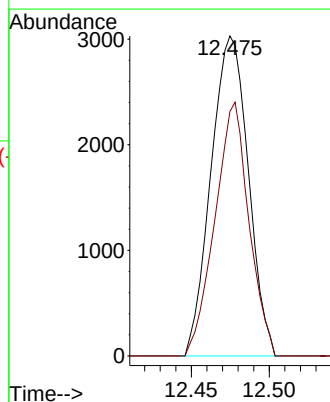
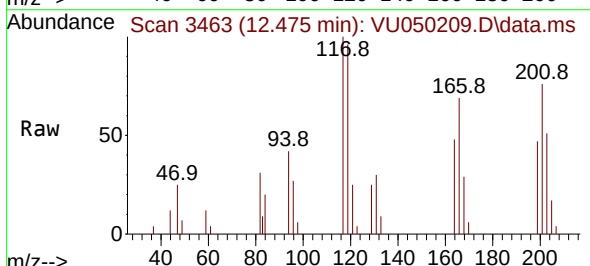
Manual Integrations
APPROVED

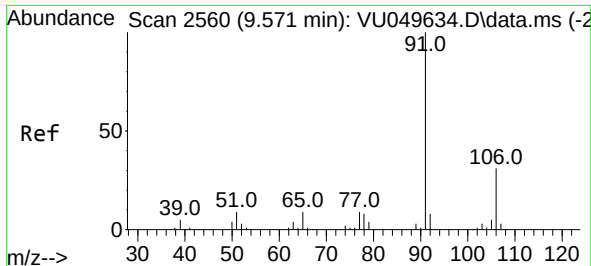
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#62
Hexachloroethane
Concen: 0.920 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Tgt Ion:117 Resp: 5046
Ion Ratio Lower Upper
117 100
201 72.4 61.0 91.4





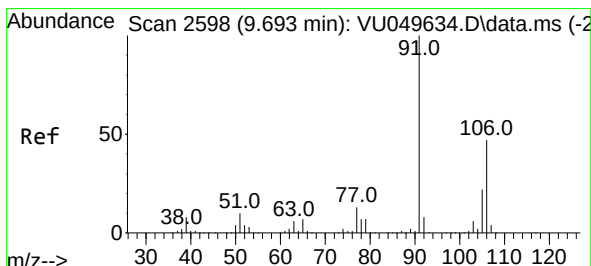
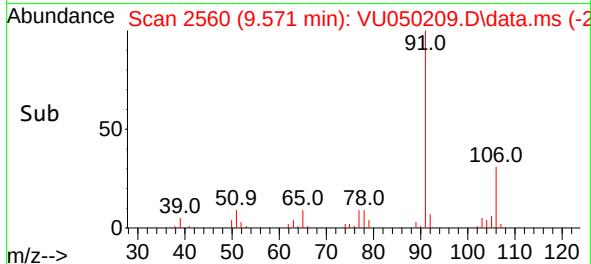
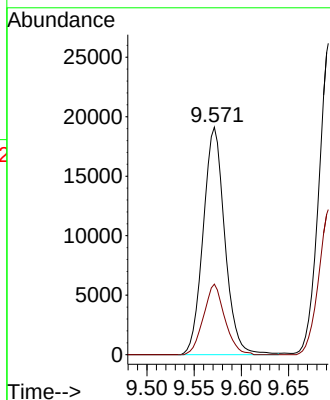
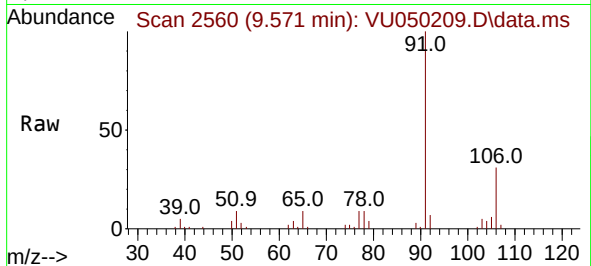
#63
Ethyl Benzene
Concen: 0.843 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 3041
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6

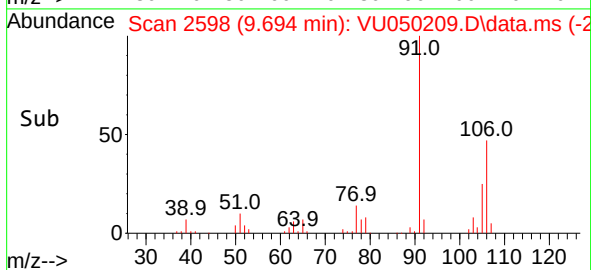
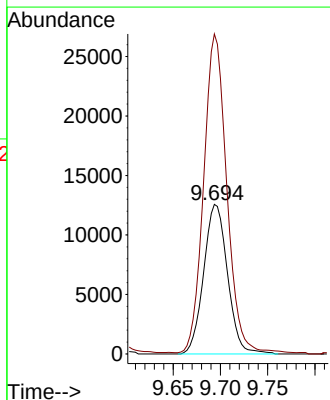
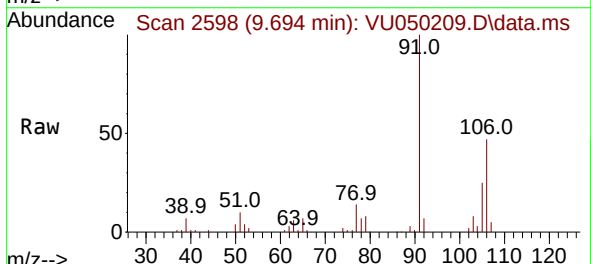
Manual Integrations
APPROVED

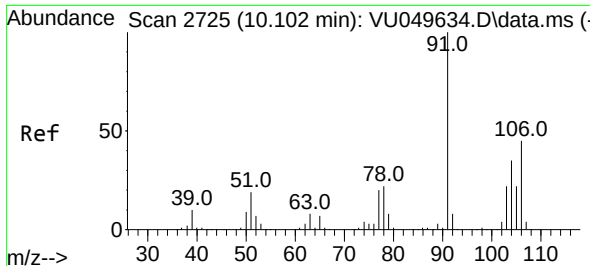
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#64
m/p-Xylenes
Concen: 1.652 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Tgt Ion:106 Resp: 22057
Ion Ratio Lower Upper
106 100
91 206.0 167.8 251.6





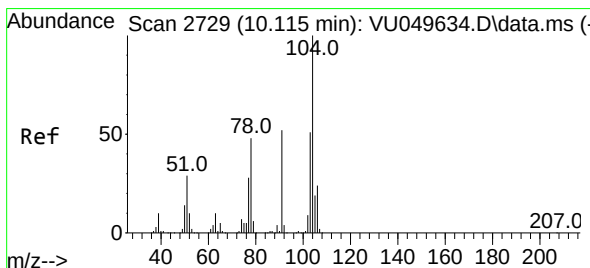
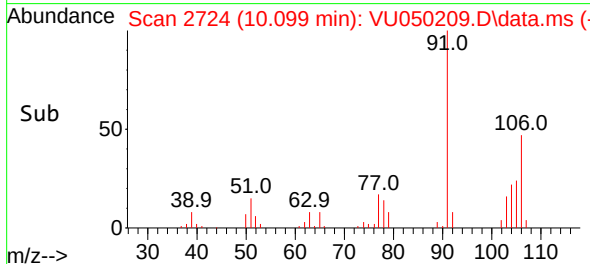
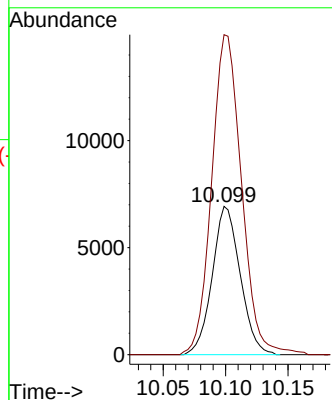
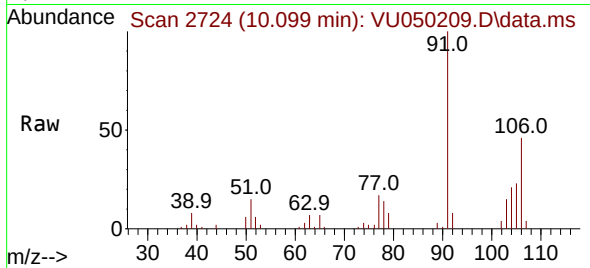
#65
o-Xylene
Concen: 0.825 ug/l
RT: 10.099 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 1082
Ion Ratio Lower Upper
106 100
91 230.1 111.1 333.2

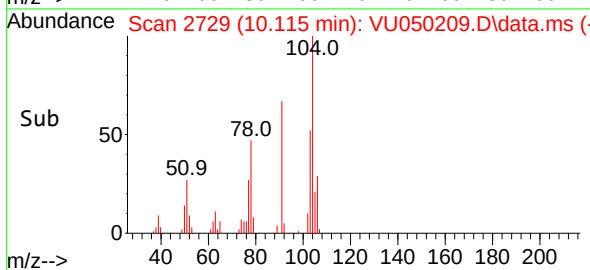
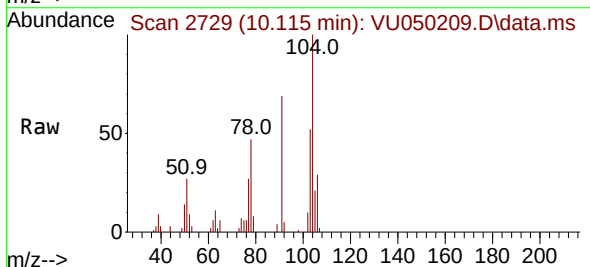
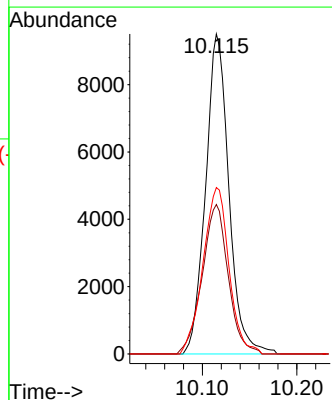
Manual Integrations
APPROVED

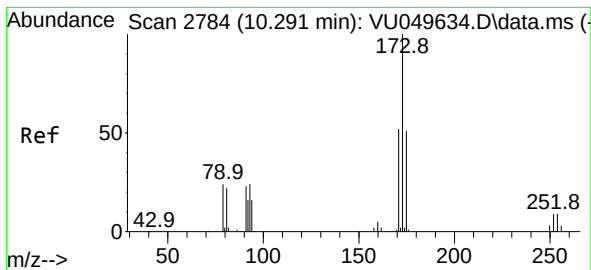
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#66
Styrene
Concen: 0.773 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Tgt Ion:104 Resp: 16287
Ion Ratio Lower Upper
104 100
78 52.2 42.1 63.1
103 58.1 44.5 66.7





#67

Bromoform

Concen: 1.213 ug/l

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU050209.D

Acq: 10 Aug 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

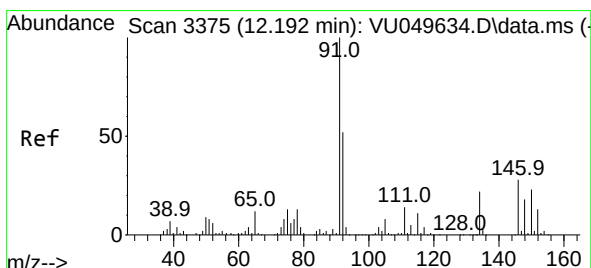
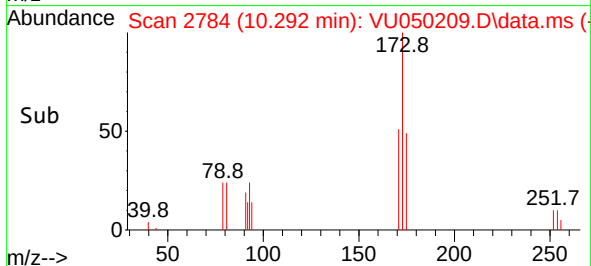
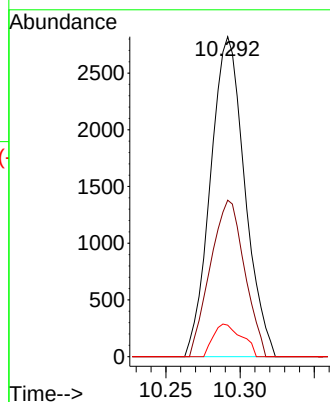
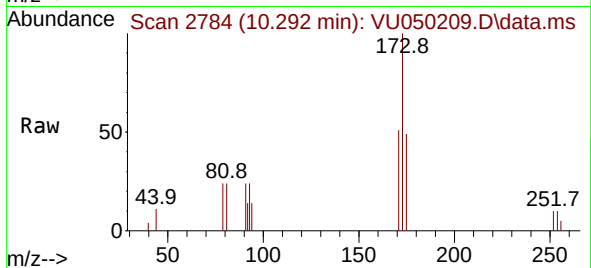
Tgt Ion:	173	Resp:	4519
Ion Ratio	Lower	Upper	
173	100		
175	48.8	38.4	57.6
254	8.5	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#68

1,2-Dichlorobenzene-d4

Concen: 0.981 ug/l

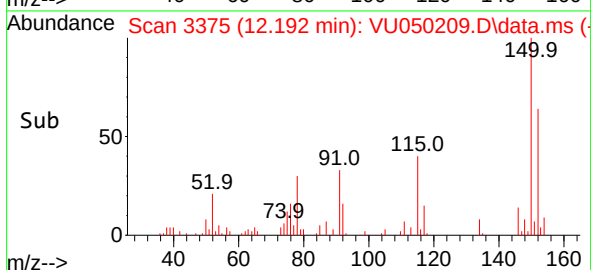
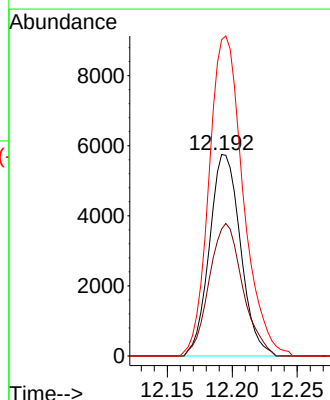
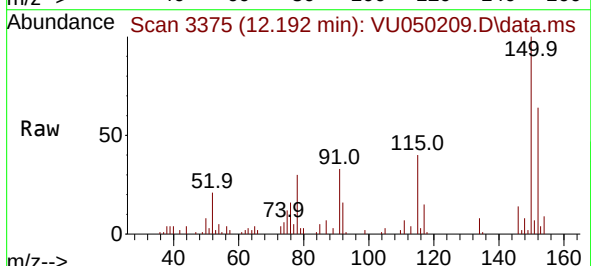
RT: 12.192 min Scan# 3375

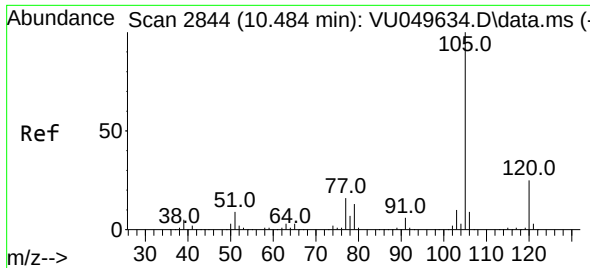
Delta R.T. 0.000 min

Lab File: VU050209.D

Acq: 10 Aug 2022 09:48

Tgt Ion:	152	Resp:	9553
Ion Ratio	Lower	Upper	
152	100		
115	70.8	0.0	254.6
150	174.5	0.0	623.6





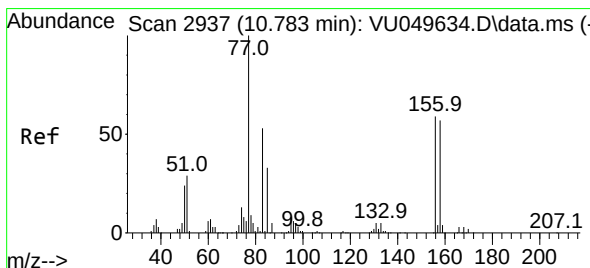
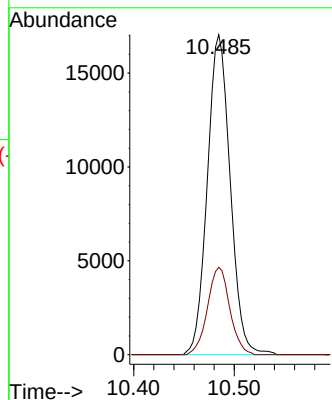
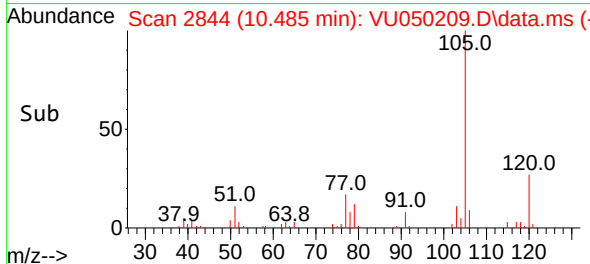
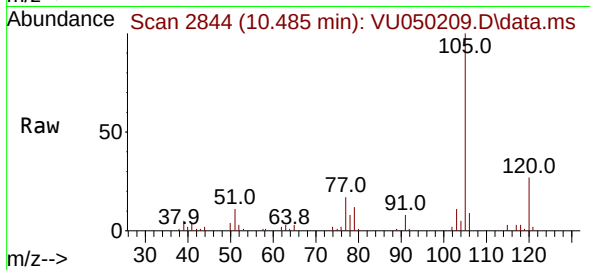
#69
Isopropylbenzene
Concen: 0.769 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:105 Resp: 26964
Ion Ratio Lower Upper
105 100
120 26.6 12.6 37.8

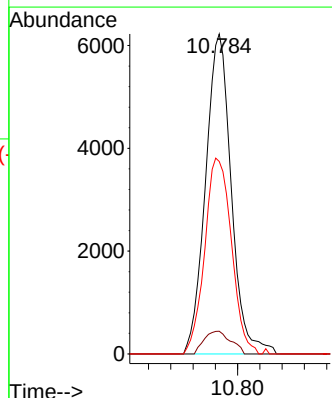
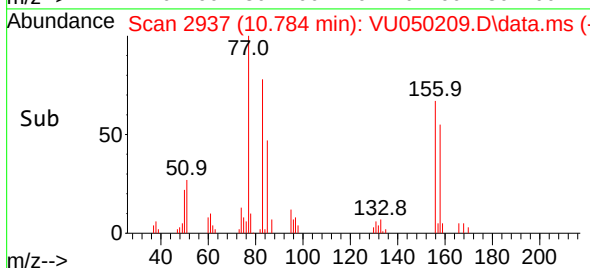
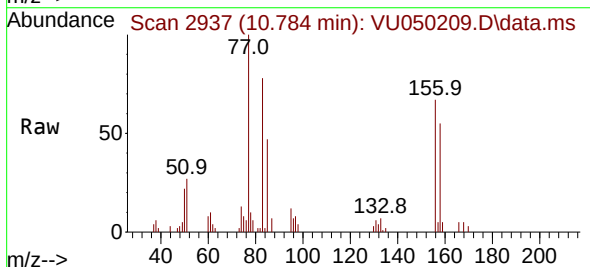
Manual Integrations
APPROVED

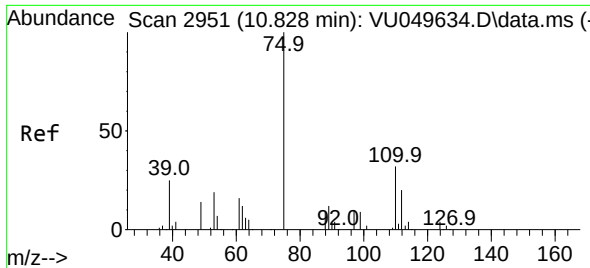
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 1.344 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

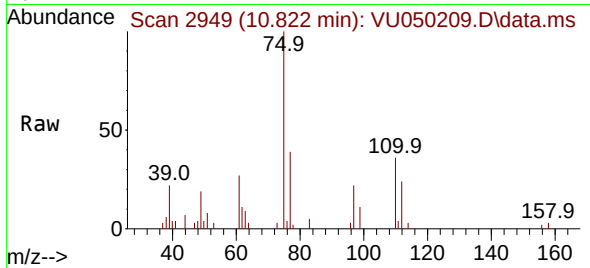
Tgt Ion: 83 Resp: 9978
Ion Ratio Lower Upper
83 100
131 7.3 7.7 11.5#
85 63.6 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 1.253 ug/l m
RT: 10.822 min Scan# 2951
Delta R.T. -0.006 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

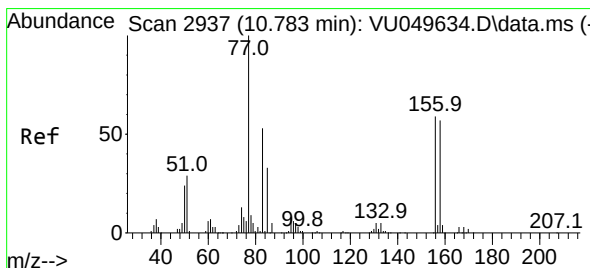
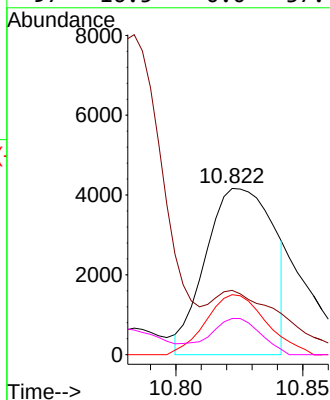
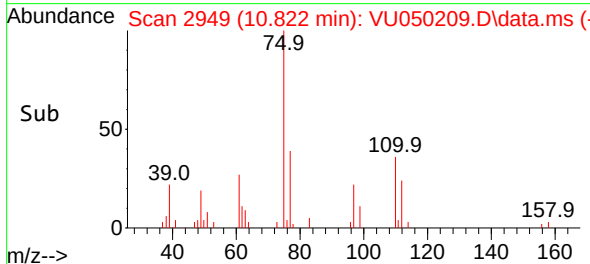
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:	75	Resp:	770
Ion Ratio	Lower	Upper	
75	100		
77	39.7	0.0	112.4
110	32.2	0.0	70.6
97	16.5	0.0	37.4

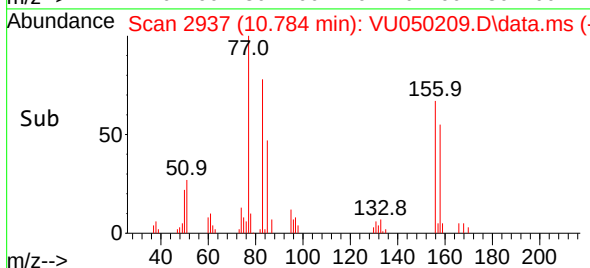
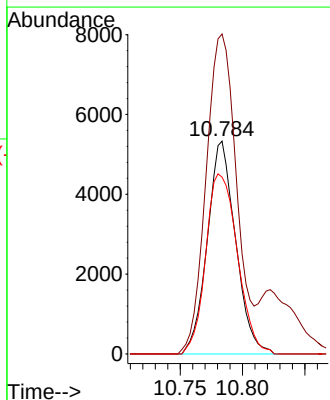
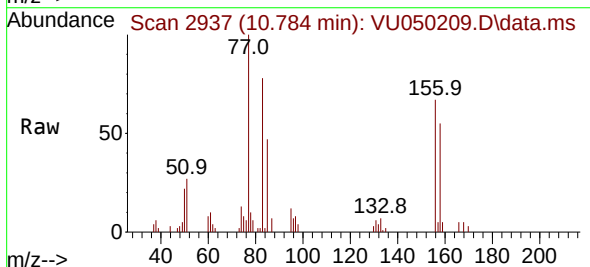
Manual Integrations
APPROVED

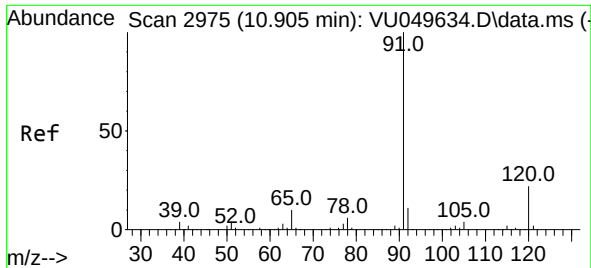
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#72
Bromobenzene
Concen: 1.066 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Tgt Ion:	156	Resp:	8418
Ion Ratio	Lower	Upper	
156	100		
77	161.6	0.0	344.4
158	94.9	0.0	192.2





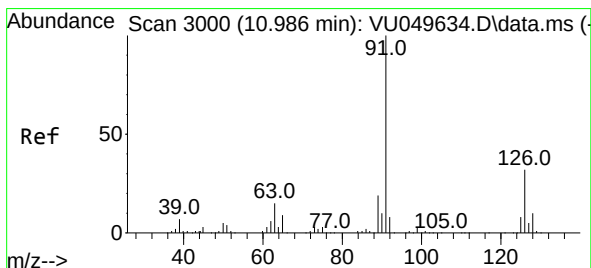
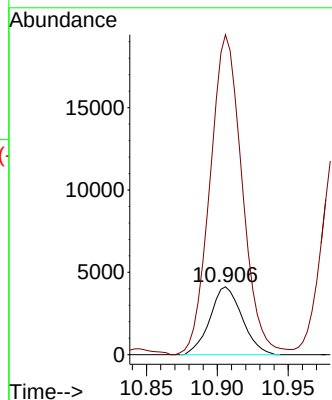
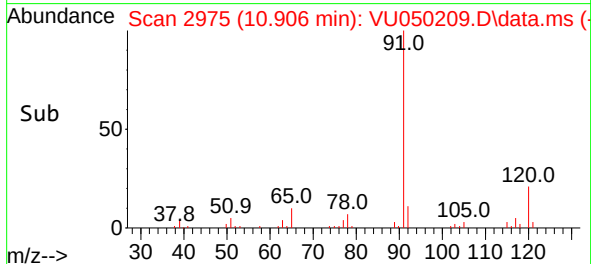
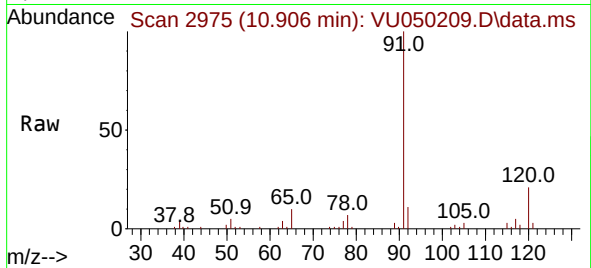
#73
n-propylbenzene
Concen: 0.735 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:120 Resp: 6495
Ion Ratio Lower Upper
120 100
91 471.8 367.8 551.6

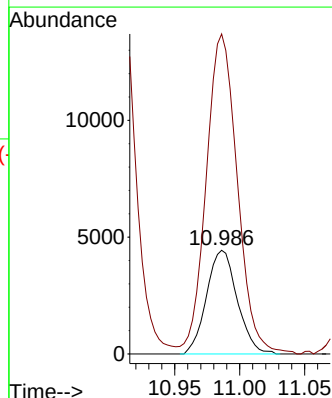
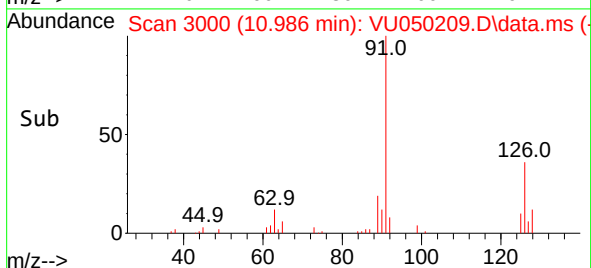
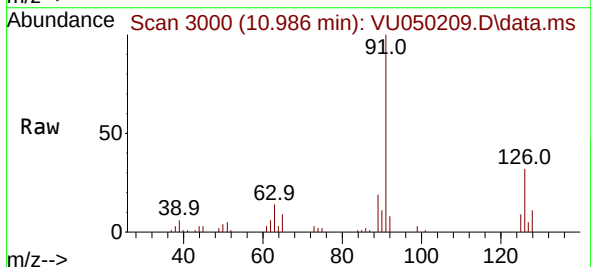
Manual Integrations
APPROVED

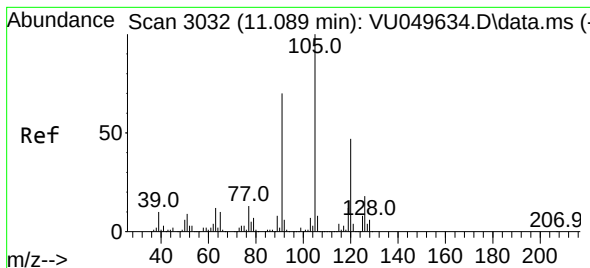
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#74
2-Chlorotoluene
Concen: 0.923 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Tgt Ion:126 Resp: 7275
Ion Ratio Lower Upper
126 100
91 314.6 0.0 620.6





#75

1,3,5-Trimethylbenzene

Concen: 0.763 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU050209.D

Acq: 10 Aug 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 2236

Ion Ratio Lower Upper

105 100

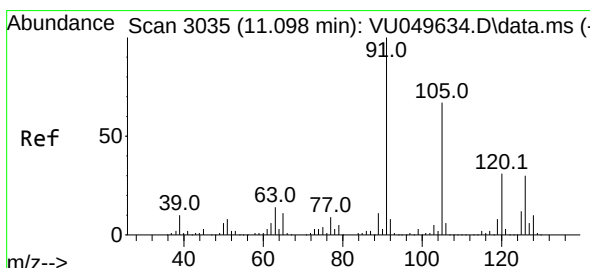
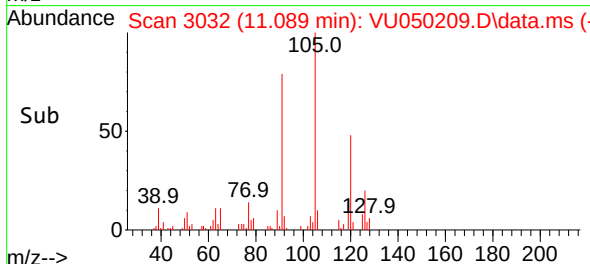
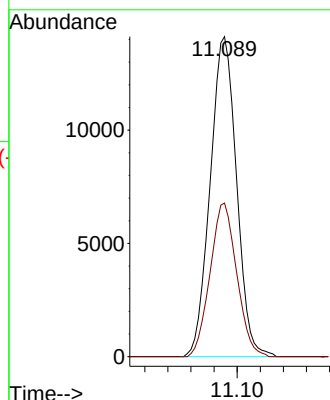
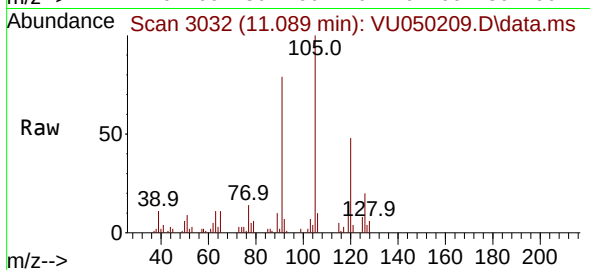
120 48.5 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#76

4-Chlorotoluene

Concen: 0.859 ug/l

RT: 11.099 min Scan# 3035

Delta R.T. 0.000 min

Lab File: VU050209.D

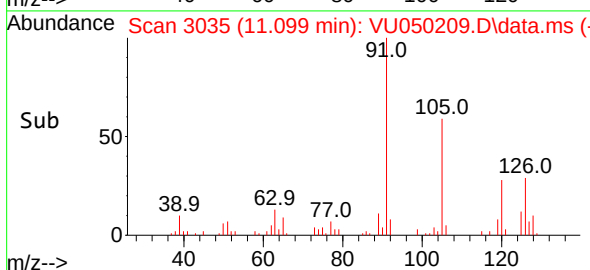
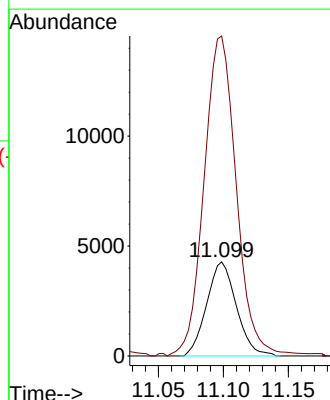
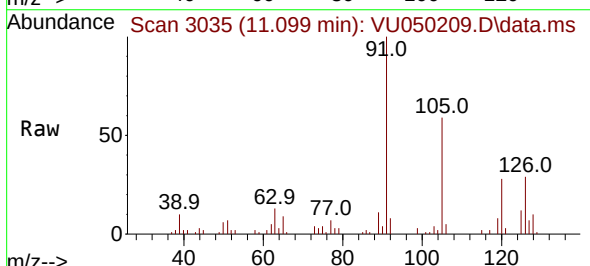
Acq: 10 Aug 2022 09:48

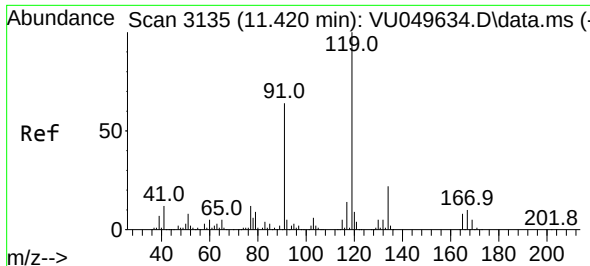
Tgt Ion:126 Resp: 6793

Ion Ratio Lower Upper

126 100

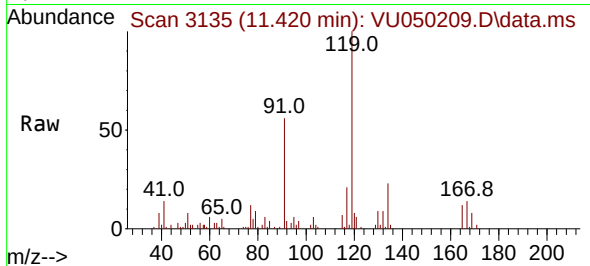
91 369.8 0.0 738.8





#77
tert-Butylbenzene
Concen: 0.832 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

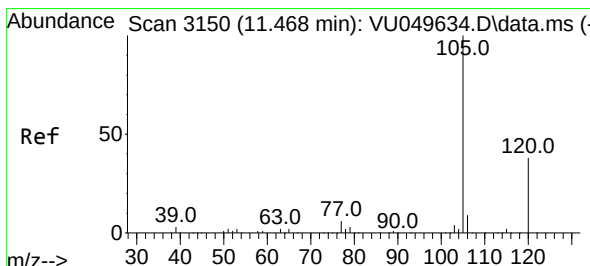
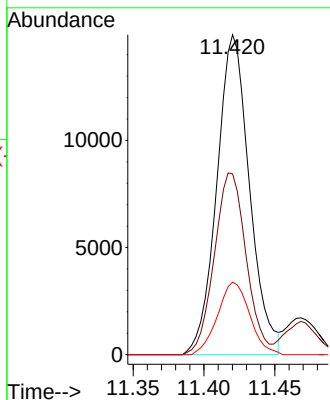
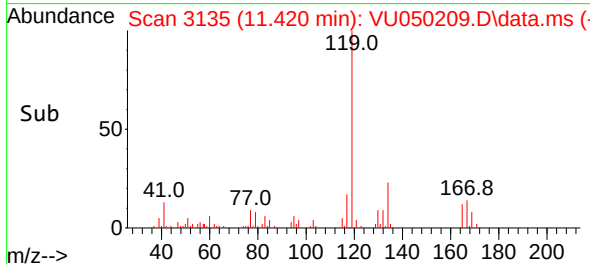
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



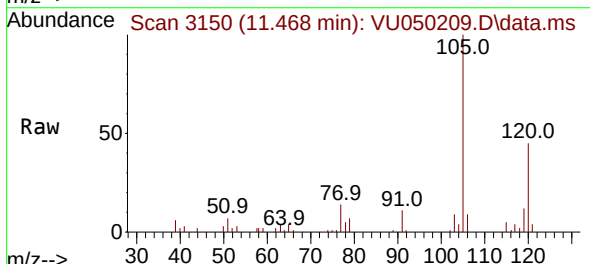
Tgt Ion:119 Resp: 23980
Ion Ratio Lower Upper
119 100
91 55.5 30.4 91.3
134 22.3 17.8 26.6

Manual Integrations
APPROVED

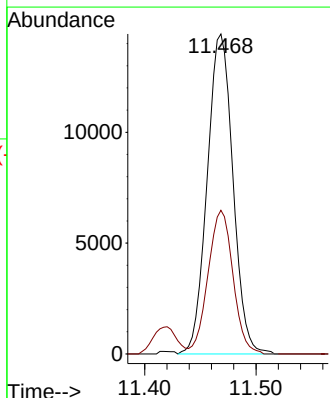
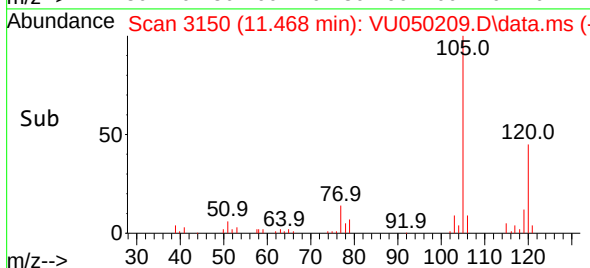
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

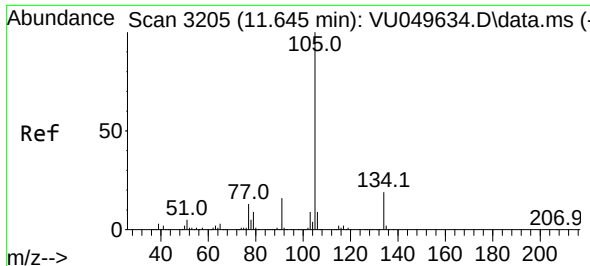


#78
1,2,4-Trimethylbenzene
Concen: 0.789 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48



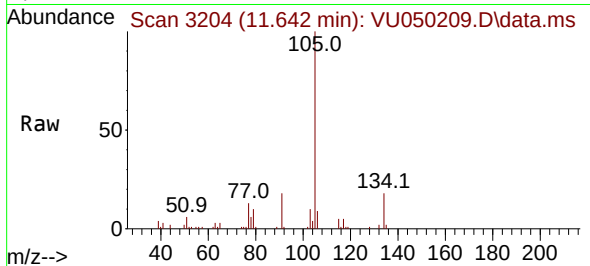
Tgt Ion:105 Resp: 23218
Ion Ratio Lower Upper
105 100
120 43.4 21.6 65.0





#79
 sec-Butylbenzene
 Concen: 0.737 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU050209.D
 Acq: 10 Aug 2022 09:48

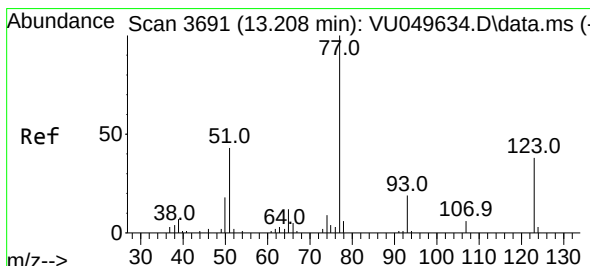
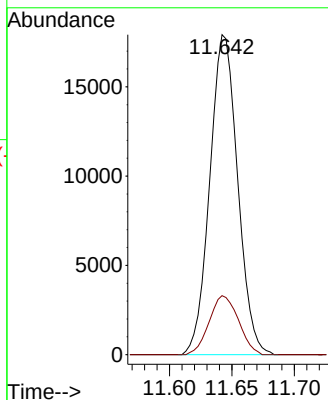
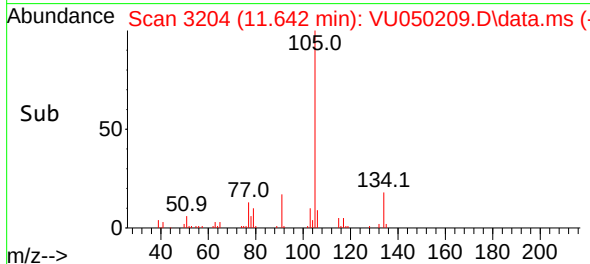
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



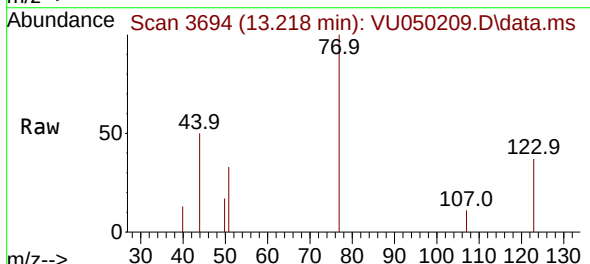
Tgt Ion:105 Resp: 27890
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.4 23.0

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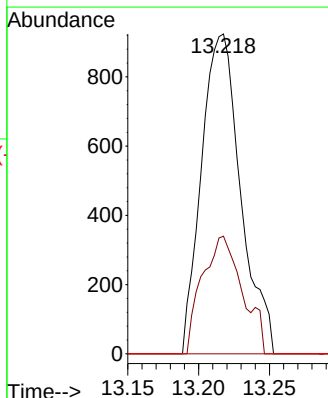
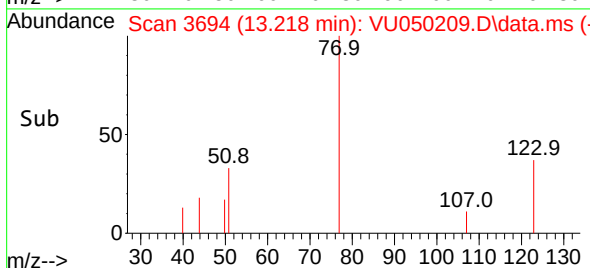
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

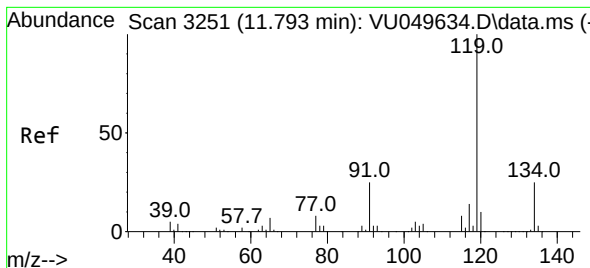


#80
 Nitrobenzene
 Concen: 5.858 ug/l
 RT: 13.218 min Scan# 3694
 Delta R.T. 0.010 min
 Lab File: VU050209.D
 Acq: 10 Aug 2022 09:48



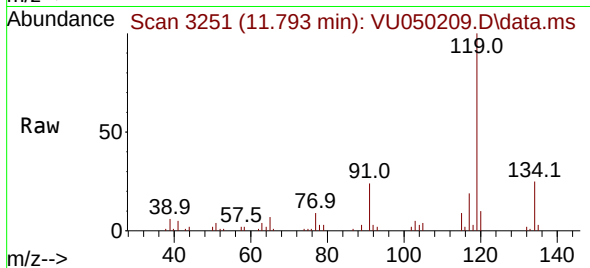
Tgt Ion: 77 Resp: 1779
 Ion Ratio Lower Upper
 77 100
 123 37.7 18.1 64.3
 65 0.0 10.8 13.8#





#81
p-Isopropyltoluene
Concen: 0.714 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

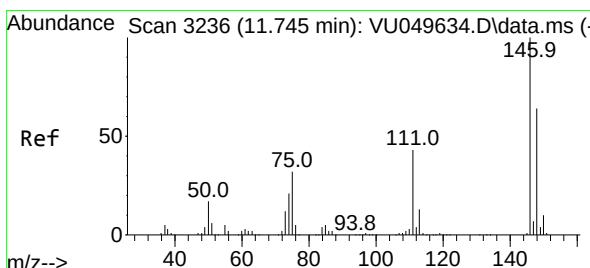
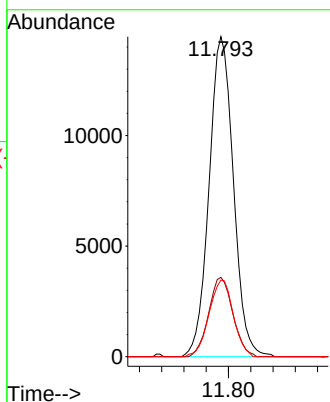
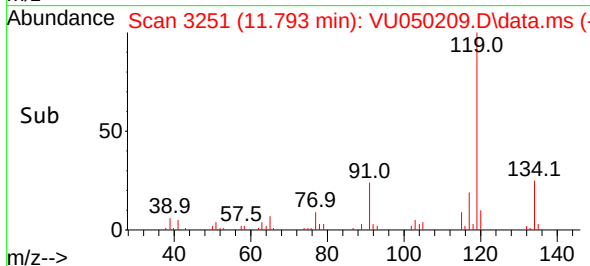
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



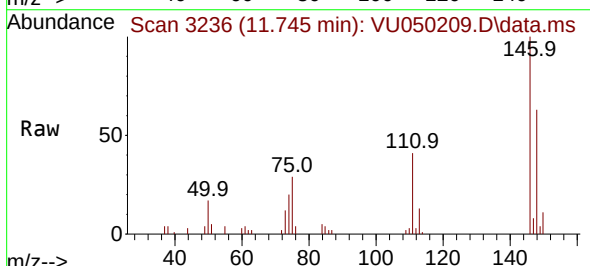
Tgt Ion:119 Resp: 2191
Ion Ratio Lower Upper
119 100
134 24.6 20.5 30.7
91 23.8 19.8 29.6

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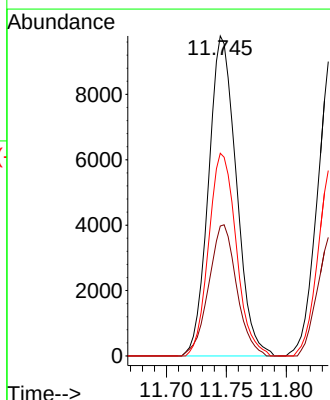
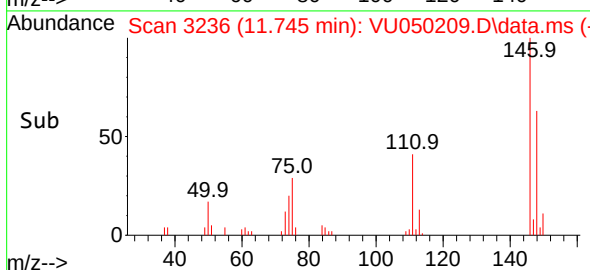
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

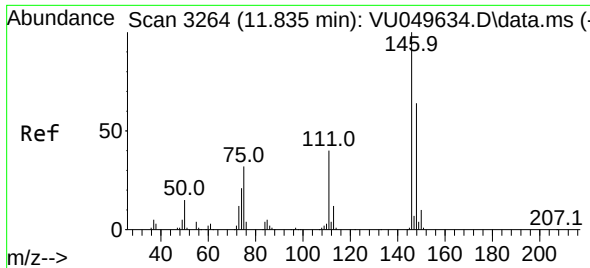


#82
1,3-Dichlorobenzene
Concen: 1.031 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48



Tgt Ion:146 Resp: 15749
Ion Ratio Lower Upper
146 100
111 41.2 33.4 50.2
148 62.9 51.2 76.8





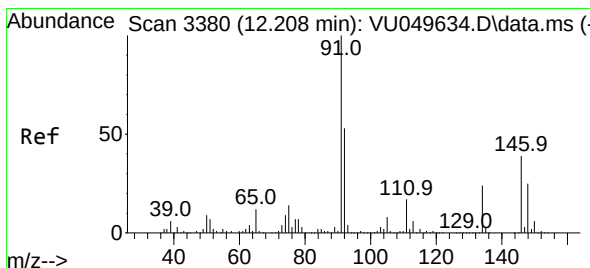
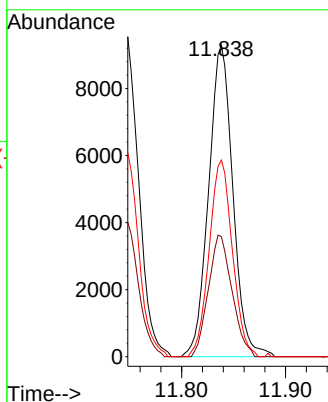
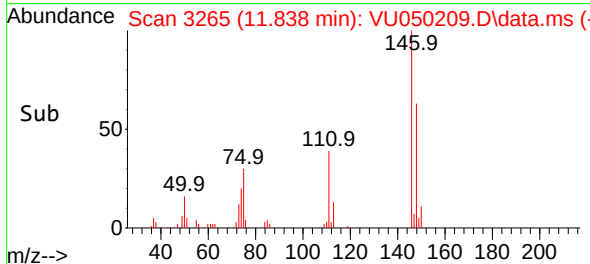
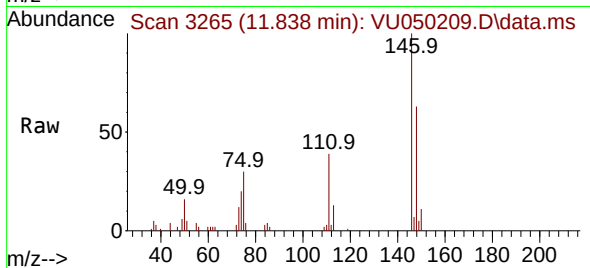
#83
1,4-Dichlorobenzene
Concen: 0.978 ug/l
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 1507
Ion Ratio Lower Upper
146 100
111 38.0 32.6 49.0
148 60.5 51.6 77.4

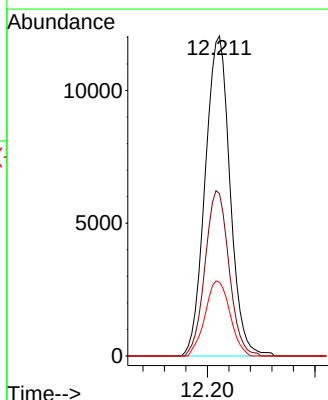
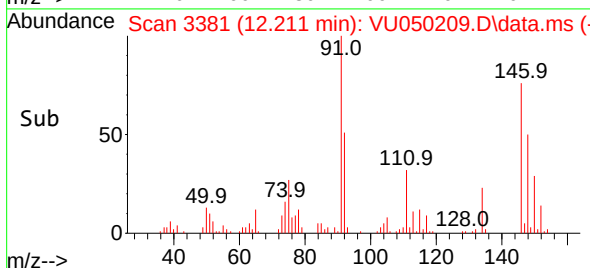
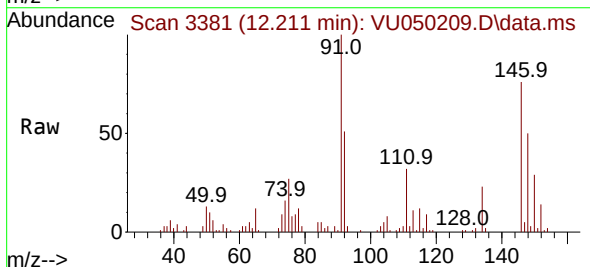
Manual Integrations
APPROVED

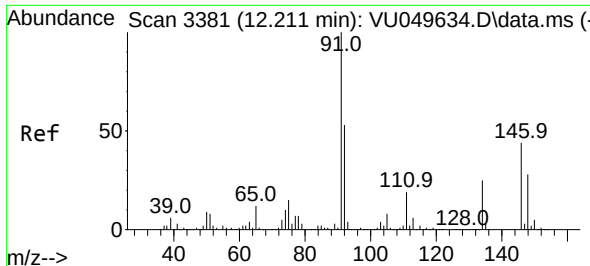
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#84
n-Butylbenzene
Concen: 0.676 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

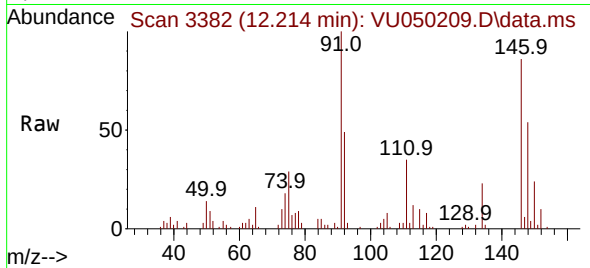
Tgt Ion: 91 Resp: 19335
Ion Ratio Lower Upper
91 100
92 49.8 42.3 63.5
134 23.4 19.6 29.4





#85
1,2-Dichlorobenzene
Concen: 1.052 ug/l
RT: 12.214 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

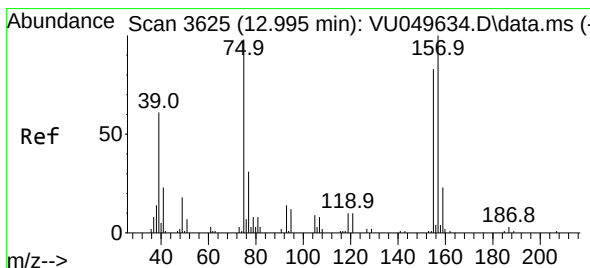
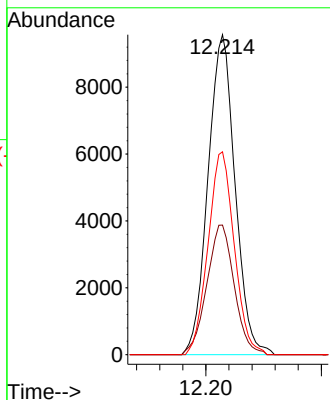
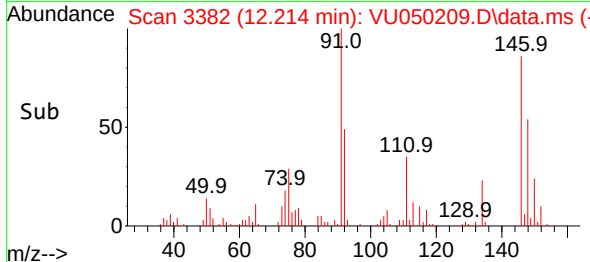
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



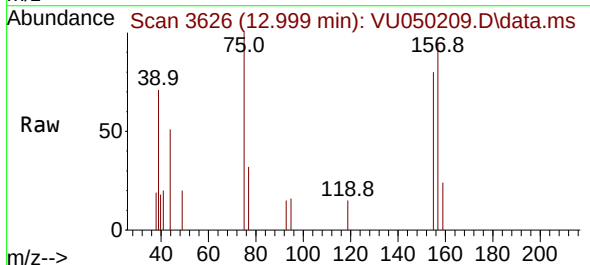
Tgt Ion:146 Resp: 1557
Ion Ratio Lower Upper
146 100
111 41.1 22.1 66.1
148 61.5 32.1 96.3

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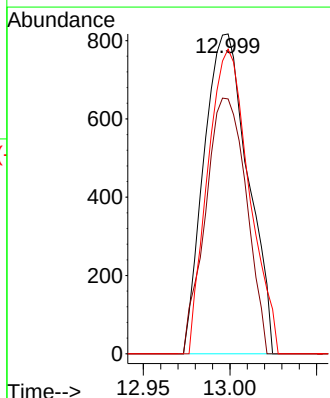
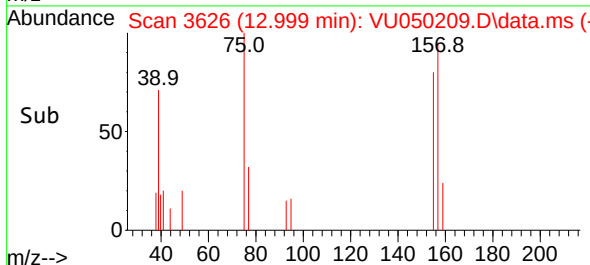
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

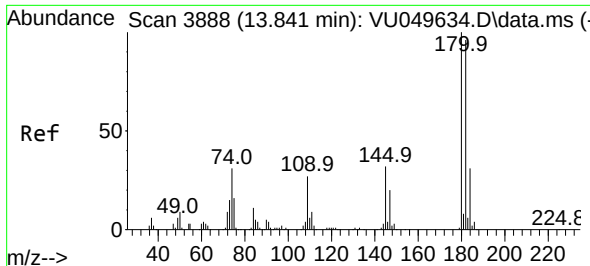


#86
1,2-Dibromo-3-Chloropropane
Concen: 1.114 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48



Tgt Ion: 75 Resp: 1442
Ion Ratio Lower Upper
75 100
155 74.3 66.8 100.2
157 89.8 83.8 125.8





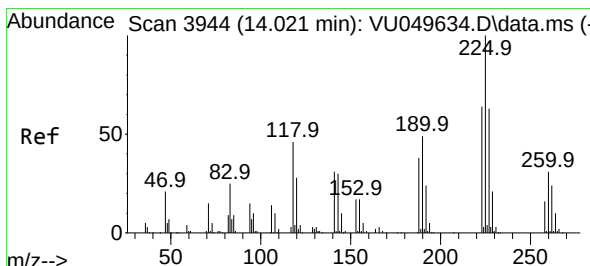
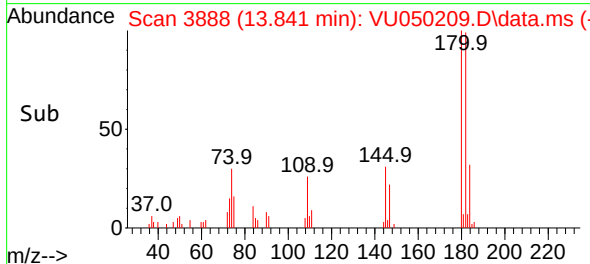
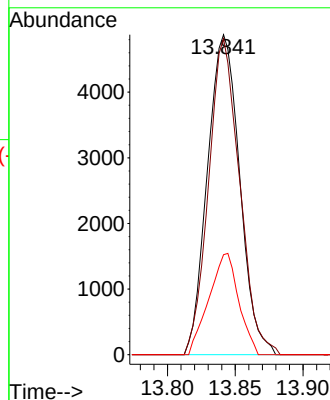
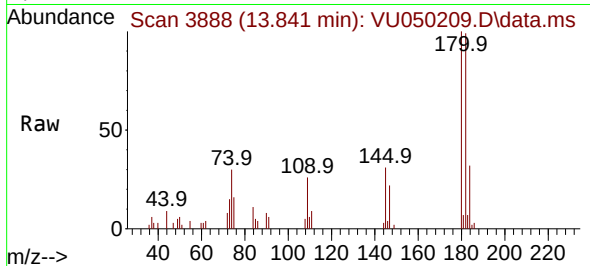
#87
1,2,4-Trichlorobenzene
Concen: 0.808 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:180 Resp: 806
Ion Ratio Lower Upper
180 100
182 94.7 77.0 115.6
145 29.2 25.7 38.5

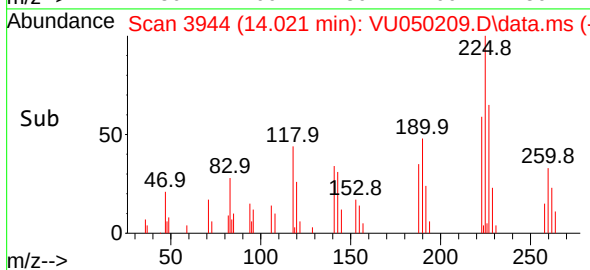
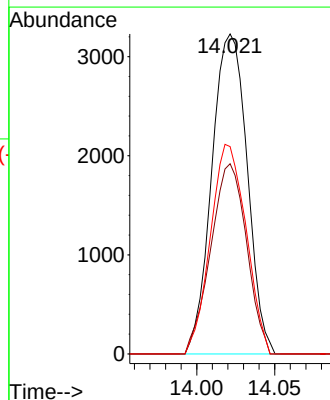
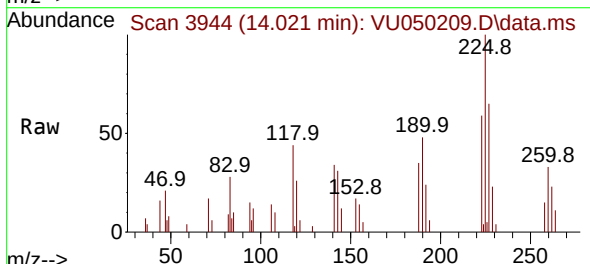
Manual Integrations
APPROVED

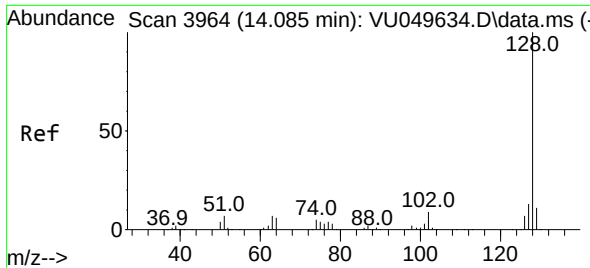
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#88
Hexachlorobutadiene
Concen: 1.001 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

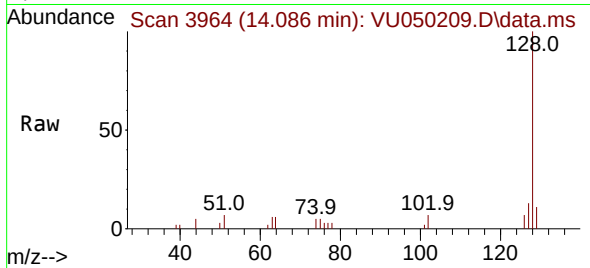
Tgt Ion:225 Resp: 5093
Ion Ratio Lower Upper
225 100
223 60.1 50.6 76.0
227 65.9 50.7 76.1





#89
Naphthalene
Concen: 0.711 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48

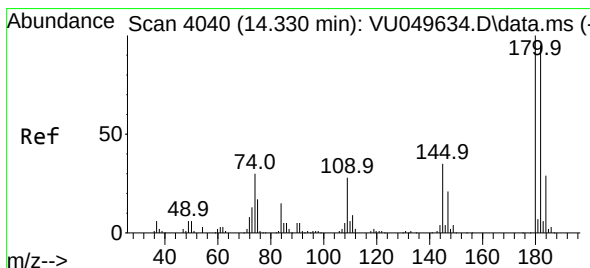
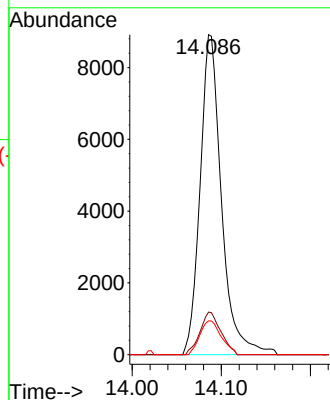
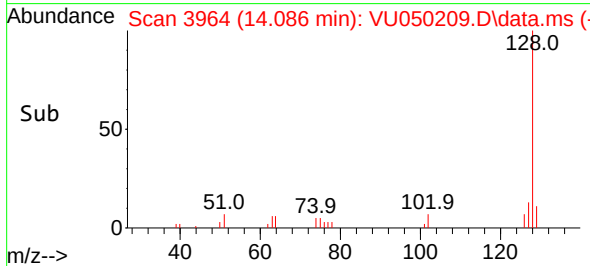
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



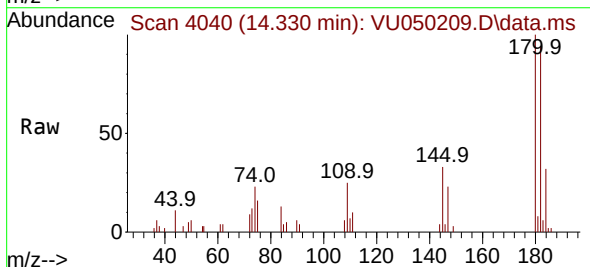
Tgt Ion:128 Resp: 14870
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.6 8.6 12.8

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 0.836 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050209.D
Acq: 10 Aug 2022 09:48



Tgt Ion:180 Resp: 7974
Ion Ratio Lower Upper
180 100
182 97.9 76.6 114.8
145 31.8 27.3 40.9

