

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082222\
 Data File : VU050392.D
 Acq On : 22 Aug 2022 09:52
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 09/12/2022

Quant Time: Aug 23 08:12:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 23 08:11:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	40752	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	18240	1.315	ug/l	0.00
Spiked Amount 1.000			Recovery	=	131.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	16142	0.984	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	158391	9.384	ug/l	99
3) Chloromethane	1.520	50	187511	9.134	ug/l	100
4) Vinyl Chloride	1.604	62	168954	9.630	ug/l	99
5) Bromomethane	1.851	94	60285	8.398	ug/l	99
6) Chloroethane	1.932	64	102056	9.618	ug/l	99
7) Trichlorofluoromethane	2.137	101	204006	9.319	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	114968	9.390	ug/l	97
9) 1,1-Dichloroethene	2.578	96	113973	9.496	ug/l	97
10) Iodomethane	2.719	142	82406	8.327	ug/l	96
11) Allyl Chloride	2.922	41	179654	9.711	ug/l	94
12) Acrylonitrile	3.317	53	68529	19.037	ug/l	# 95
13) Acetone	2.626	43	118660	47.133	ug/l	92
14) Carbon Disulfide	2.790	76	354311	9.530	ug/l	100
15) Methylene Chloride	3.044	84	139911	8.616	ug/l	95
16) trans-1,2-Dichloroethene	3.350	96	122525	9.878	ug/l	95
17) 1,1-Dichloroethane	3.864	63	234191	9.065	ug/l	99
18) 2-Butanone	4.719	43	170932	43.168	ug/l	100
19) Cyclohexane	5.385	56	164037m	8.749	ug/l	
20) Methylcyclohexane	6.761	83	173227	11.721	ug/l	99
21) 2,2-Dichloropropane	4.665	77	169289	8.621	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	135760	9.674	ug/l	97
23) Diethyl Ether	2.379	59	98934	9.596	ug/l	97
24) tert-Butyl Alcohol	3.195	59	116117m	106.479	ug/l	
25) Methyl tert-Butyl Ether	3.369	73	297383	9.328	ug/l	95
26) Bromochloromethane	4.973	128	61473	10.917	ug/l	95
27) Chloroform	5.089	83	239855	9.580	ug/l	98
28) 1,1,1-Trichloroethane	5.314	97	194626	9.110	ug/l	98
29) 1,1-Dichloropropene	5.523	75	164659	9.621	ug/l	99
30) Carbon Tetrachloride	5.520	117	167925	9.819	ug/l	97
31) Isopropyl Ether	4.002	45	319778	7.977	ug/l	91
32) Ethyl-t-butyl ether	4.514	59	222344	7.060	ug/l	97
33) Tert-Amyl methyl ether	5.948	73	182734	8.901	ug/l	99
34) Propionitrile	4.787	54	59014	50.455	ug/l	# 98
35) Benzene	5.774	78	508731	10.113	ug/l	99
36) 1,2-Dichloroethane	5.796	62	148136	9.645	ug/l	99
37) Trichloroethene	6.542	130	120863	10.022	ug/l	99
38) 1,2-Dichloropropane	6.793	63	140780	10.426	ug/l	100
39) Methacrylonitrile	4.983	41	39796	8.292	ug/l	# 91
40) Methyl acrylate	4.854	55	66134m	9.046	ug/l	
41) Tetrahydrofuran	5.067	42	42301	17.603	ug/l	94
42) 1-Chlorobutane	5.456	56	228143	9.362	ug/l	96
43) Dibromomethane	6.919	93	73314	10.072	ug/l	98
44) Bromodichloromethane	7.108	83	181525	10.568	ug/l	97

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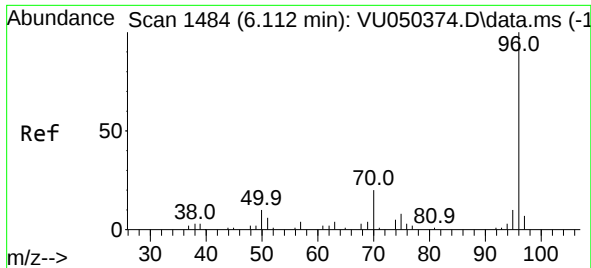
Manual Integrations
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Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 09/12/2022

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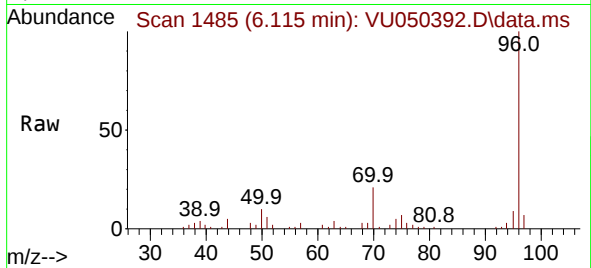
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	396735	54.300	ug/l	98
46) t-1,4-Dichloro-2-butene	10.832	75	74036m	17.047	ug/l	
47) Methyl methacrylate	6.967	69	123440	18.188	ug/l	93
48) Ethyl methacrylate	8.337	69	108304	8.842	ug/l	94
49) Toluene	7.970	92	306702	11.347	ug/l	98
50) t-1,3-Dichloropropene	8.211	75	154057	11.519	ug/l	98
51) cis-1,3-Dichloropropene	7.610	75	173132	11.308	ug/l	95
52) 1,1,2-Trichloroethane	8.401	97	106675	9.972	ug/l	99
53) 1,3-Dichloropropane	8.578	76	175488	10.417	ug/l	99
54) 2-Hexanone	8.690	43	274537	53.955	ug/l	98
55) Dibromochloromethane	8.812	129	126671	10.764	ug/l	99
56) 1,2-Dibromoethane	8.925	107	97302	10.127	ug/l	100
58) Tetrachloroethene	8.552	164	109107	9.614	ug/l	95
59) Chlorobenzene	9.449	112	319203	10.944	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	127826	10.427	ug/l	97
61) Pentachloroethane	11.430	117	110508	10.832	ug/l	96
62) Hexachloroethane	12.475	117	107682	12.689	ug/l	97
63) Ethyl Benzene	9.571	91	554172	9.425	ug/l	99
64) m/p-Xylenes	9.693	106	449884	19.247	ug/l	97
65) o-Xylene	10.102	106	207535	9.540	ug/l	97
66) Styrene	10.115	104	369872	9.544	ug/l	97
67) Bromoform	10.291	173	75011	11.224	ug/l	99
69) Isopropylbenzene	10.484	105	543440	9.458	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.783	83	146440	9.947	ug/l	99
71) 1,2,3-Trichloropropane	10.825	75	101412m	9.160	ug/l	
72) Bromobenzene	10.783	156	133794	10.625	ug/l	97
73) n-propylbenzene	10.906	120	148571	9.274	ug/l	98
74) 2-Chlorotoluene	10.986	126	136759	9.405	ug/l	98
75) 1,3,5-Trimethylbenzene	11.089	105	495257	9.626	ug/l	98
76) 4-Chlorotoluene	11.098	126	138485	9.143	ug/l	98
77) tert-Butylbenzene	11.420	119	464253	9.585	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	506453	9.426	ug/l	98
79) sec-Butylbenzene	11.645	105	622249	9.400	ug/l	99
80) Nitrobenzene	13.208	77	43905m	54.971	ug/l	
81) p-Isopropyltoluene	11.793	119	502999	9.311	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	275604	10.630	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	278646	10.810	ug/l	98
84) n-Butylbenzene	12.211	91	444086	9.003	ug/l	97
85) 1,2-Dichlorobenzene	12.211	146	270010	10.593	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.996	75	24807	10.678	ug/l	92
87) 1,2,4-Trichlorobenzene	13.841	180	150350	10.339	ug/l	99
88) Hexachlorobutadiene	14.021	225	95301	10.069	ug/l	100
89) Naphthalene	14.089	128	308149	8.024	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	156109	8.392	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. 0.003 min
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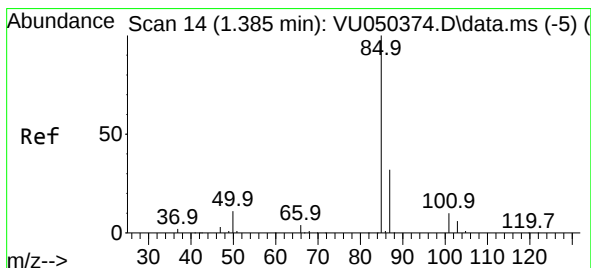
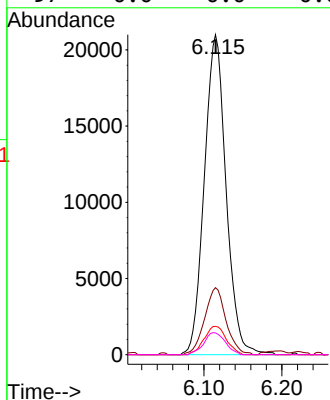
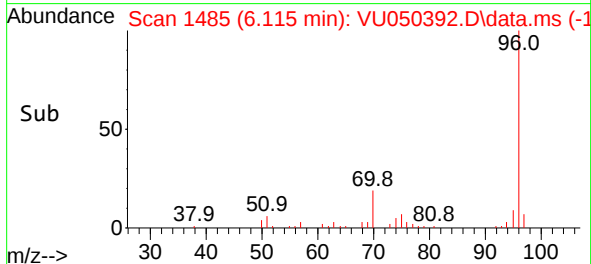
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 96 Resp: 40752
Ion Ratio Lower Upper
96 100
70 20.7 16.7 25.1
95 9.1 7.4 11.0
97 0.0 0.0 0.0

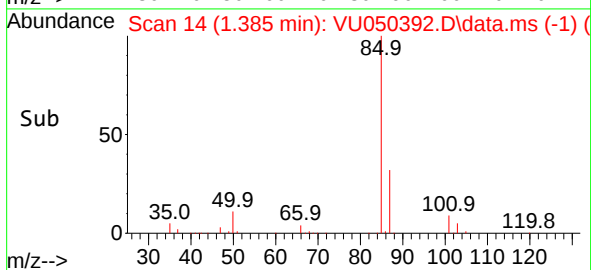
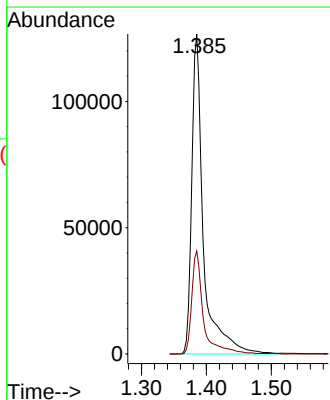
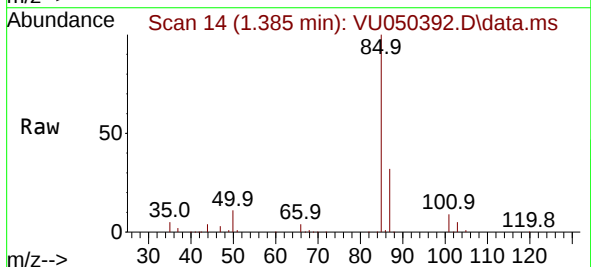
Manual Integrations
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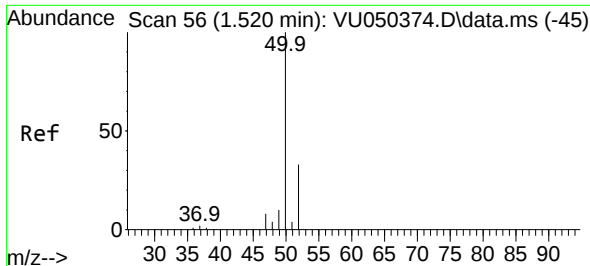
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#2
Dichlorodifluoromethane
Concen: 9.384 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

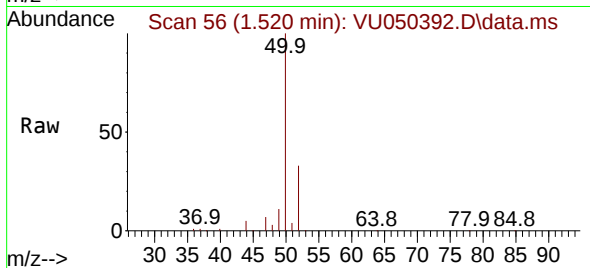
Tgt Ion: 85 Resp: 158391
Ion Ratio Lower Upper
85 100
87 32.1 16.3 48.8





#3
Chloromethane
Concen: 9.134 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

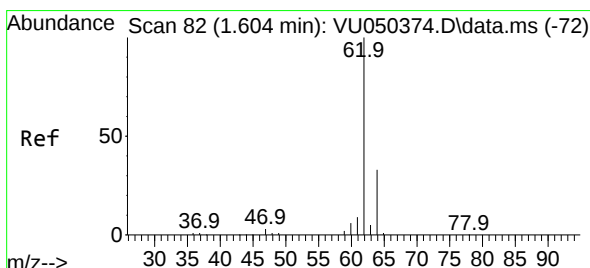
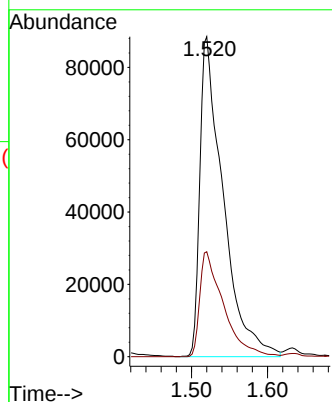
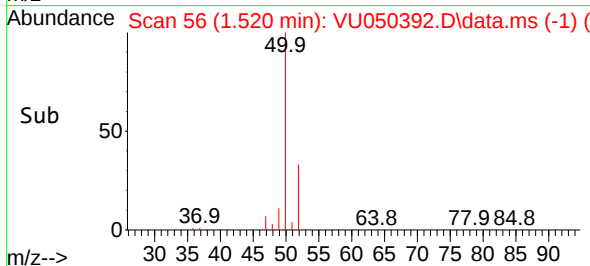
Instrument :
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Tgt Ion: 50 Resp: 18751
Ion Ratio Lower Upper
50 100
52 32.8 26.1 39.1

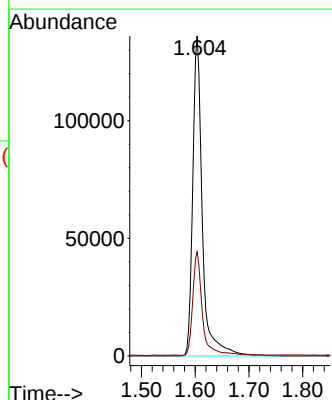
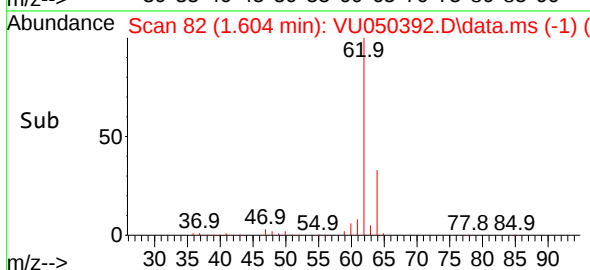
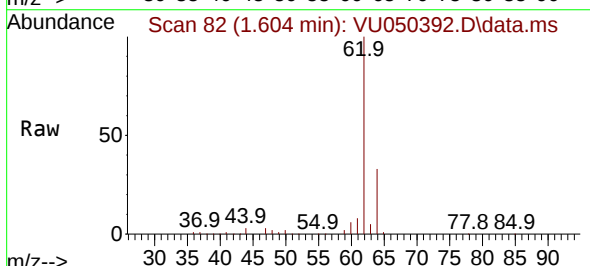
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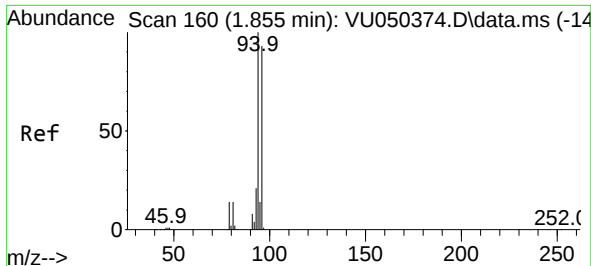
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#4
Vinyl Chloride
Concen: 9.630 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

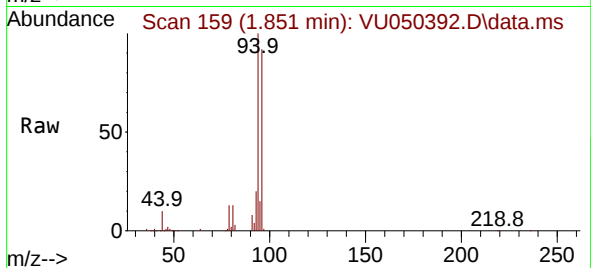
Tgt Ion: 62 Resp: 168954
Ion Ratio Lower Upper
62 100
64 32.3 25.5 38.3





#5
Bromomethane
Concen: 8.398 ug/l
RT: 1.851 min Scan# 11
Delta R.T. -0.004 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

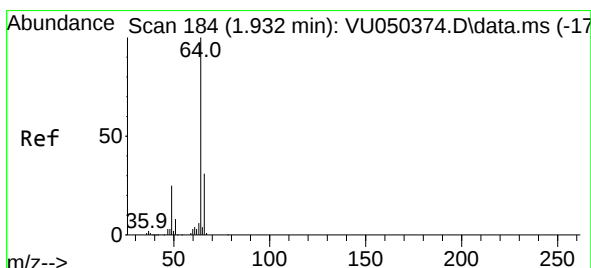
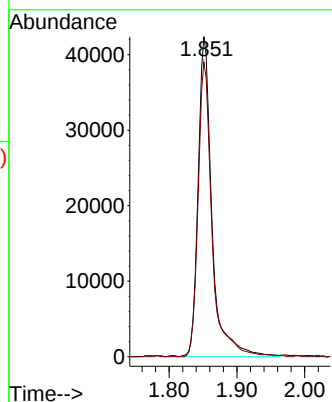
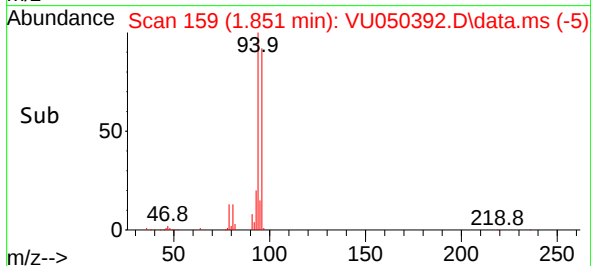
Instrument :
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Tgt Ion: 94 Resp: 60285
Ion Ratio Lower Upper
94 100
96 92.1 73.0 109.6

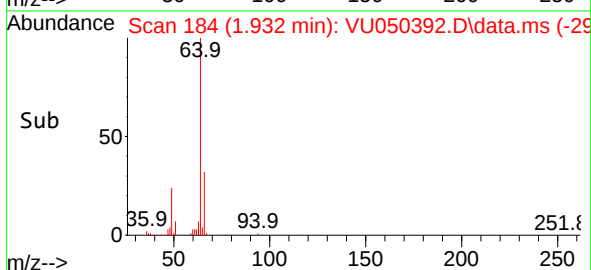
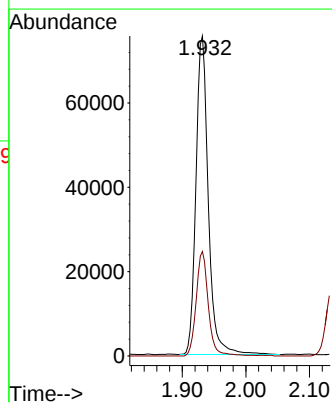
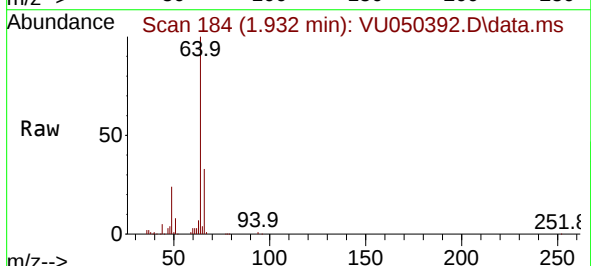
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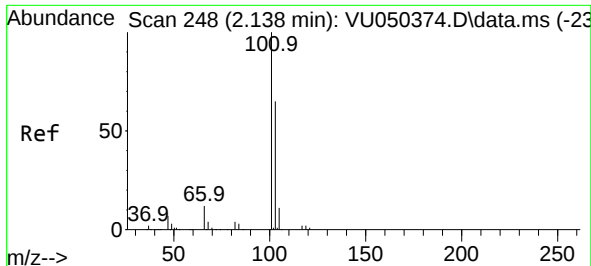
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#6
Chloroethane
Concen: 9.618 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

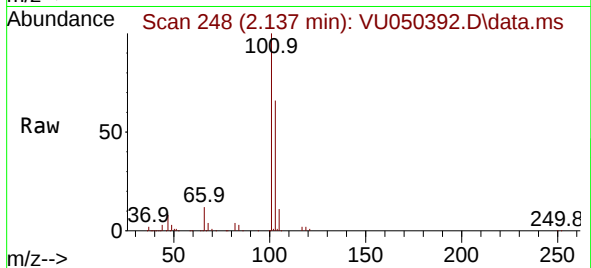
Tgt Ion: 64 Resp: 102056
Ion Ratio Lower Upper
64 100
66 32.8 25.8 38.6





#7
 Trichlorofluoromethane
 Concen: 9.319 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.001 min
 Lab File: VU050392.D
 Acq: 22 Aug 2022 09:52

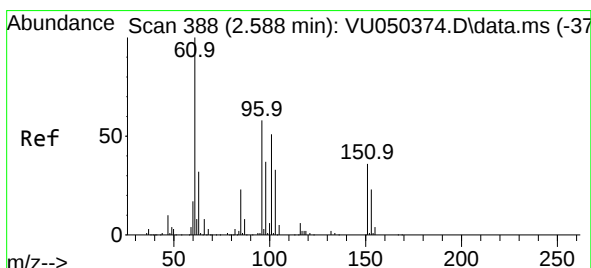
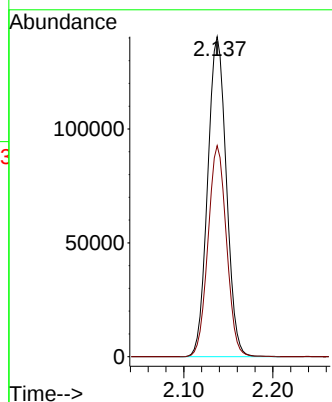
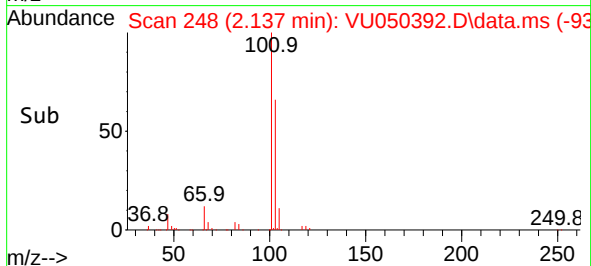
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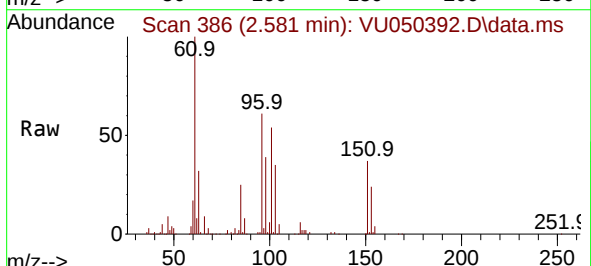
Tgt Ion:101 Resp: 204000
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.8 77.6

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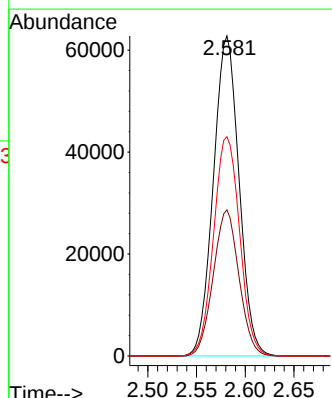
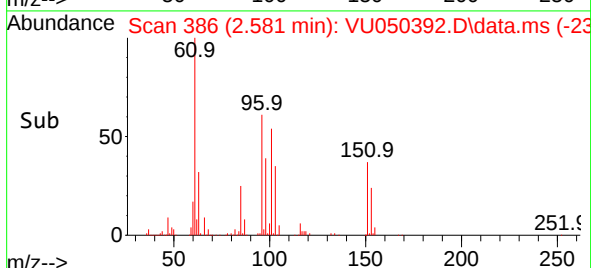
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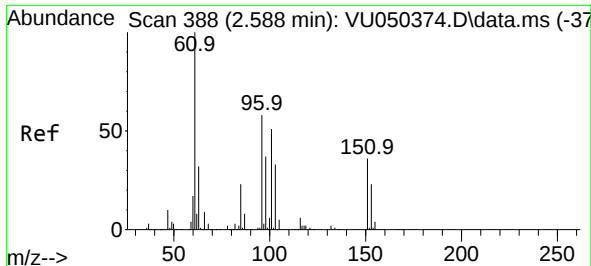


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.390 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. -0.007 min
 Lab File: VU050392.D
 Acq: 22 Aug 2022 09:52



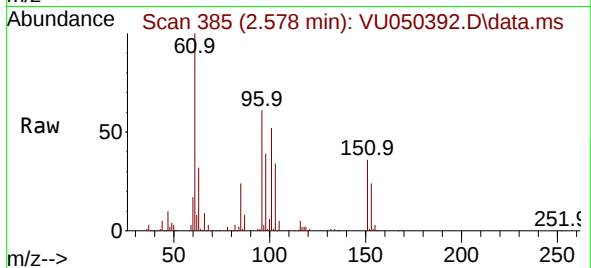
Tgt Ion:101 Resp: 114968
 Ion Ratio Lower Upper
 101 100
 85 45.7 36.4 54.6
 151 69.7 59.1 88.7





#9
1,1-Dichloroethene
Concen: 9.496 ug/l
RT: 2.578 min Scan# 388
Delta R.T. -0.010 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

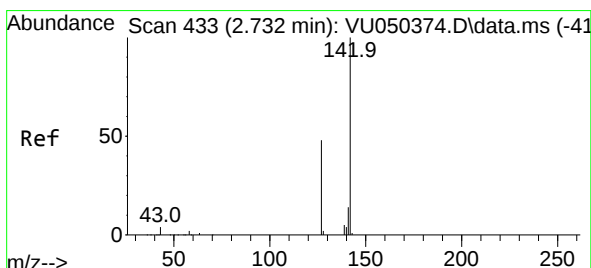
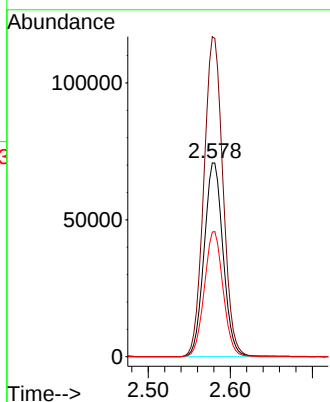
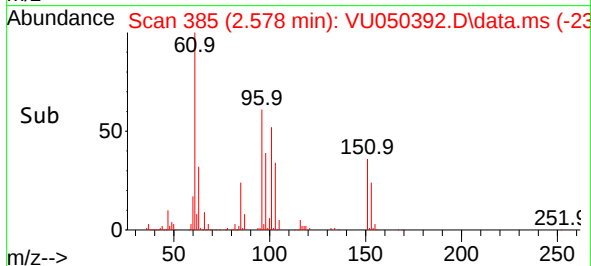
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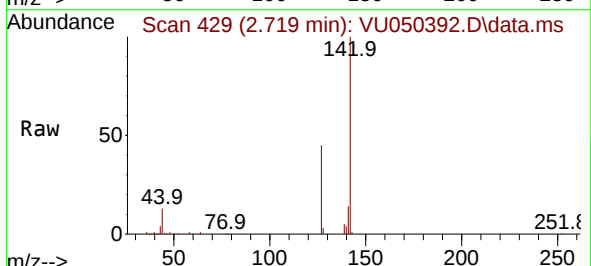
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Ion Ratio Lower Upper
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98 64.3 0.0 124.6

Manual Integrations
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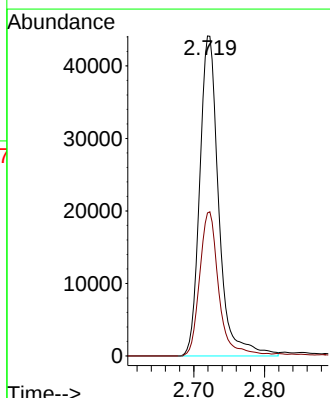
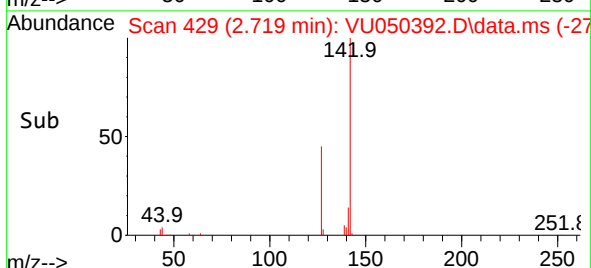
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

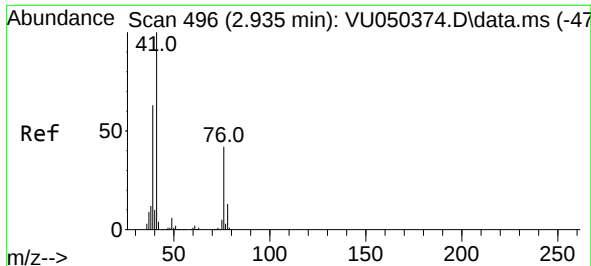


#10
Iodomethane
Concen: 8.327 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.013 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52



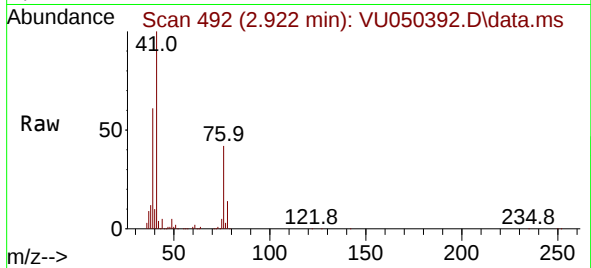
Tgt Ion:142 Resp: 82406
Ion Ratio Lower Upper
142 100
127 45.3 38.2 57.2





#11
 Allyl Chloride
 Concen: 9.711 ug/l
 RT: 2.922 min Scan# 496
 Delta R.T. -0.013 min
 Lab File: VU050392.D
 Acq: 22 Aug 2022 09:52

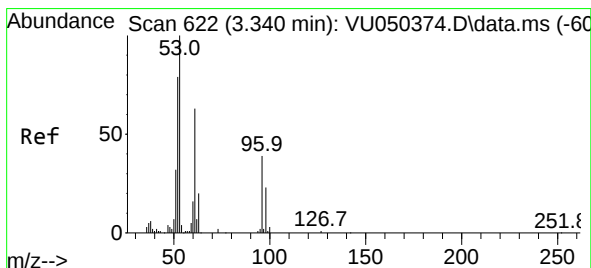
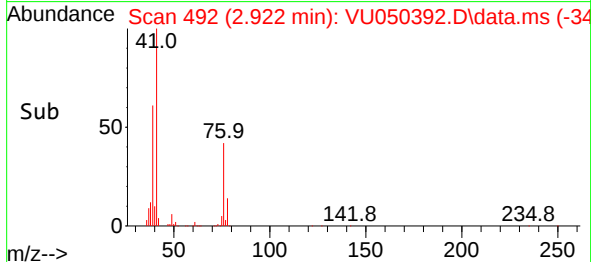
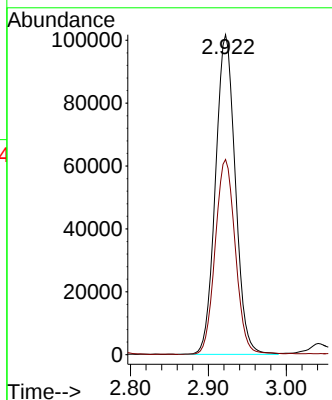
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 179654
 Ion Ratio Lower Upper
 41 100
 39 62.0 53.2 79.8

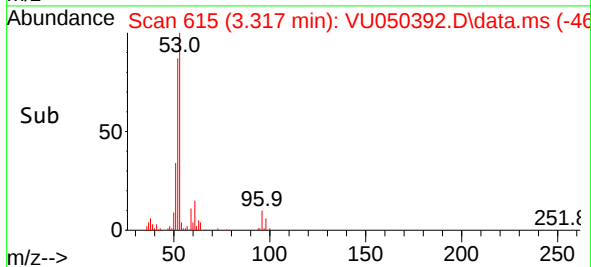
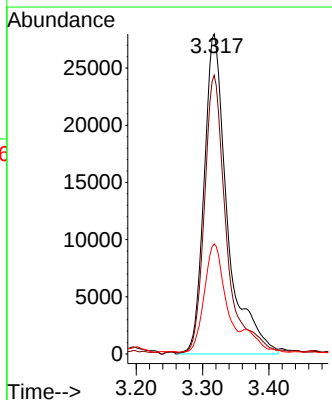
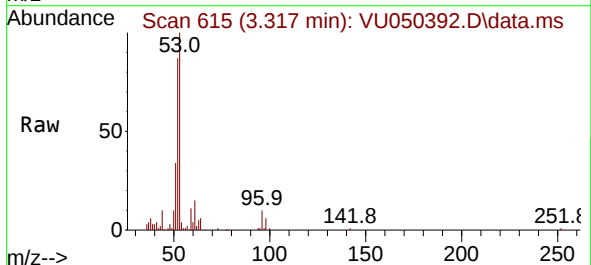
Manual Integrations
 APPROVED

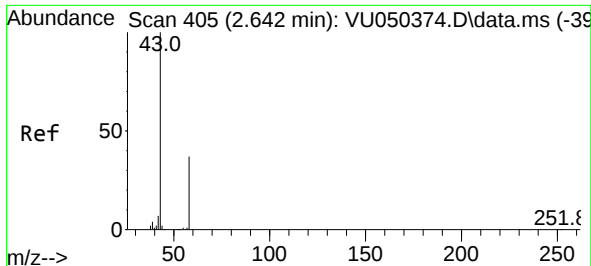
Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 09/12/2022



#12
 Acrylonitrile
 Concen: 19.037 ug/l
 RT: 3.317 min Scan# 615
 Delta R.T. -0.023 min
 Lab File: VU050392.D
 Acq: 22 Aug 2022 09:52

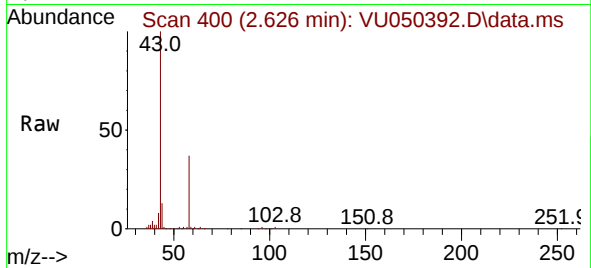
Tgt Ion: 53 Resp: 68529
 Ion Ratio Lower Upper
 53 100
 52 80.4 64.6 97.0
 51 30.5 30.7 46.1#





#13
Acetone
Concen: 47.133 ug/l
RT: 2.626 min Scan# 405
Delta R.T. -0.016 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

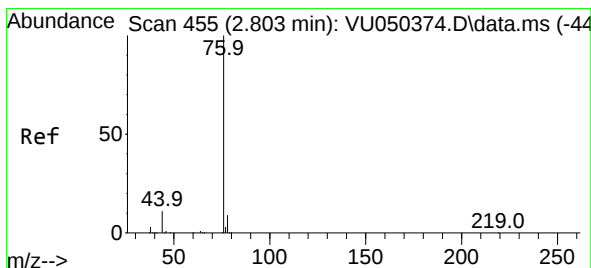
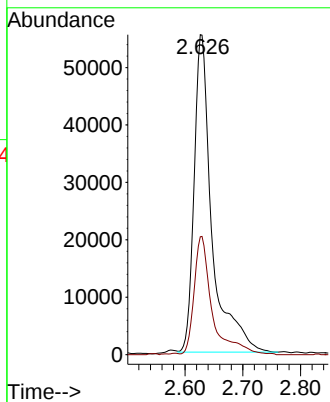
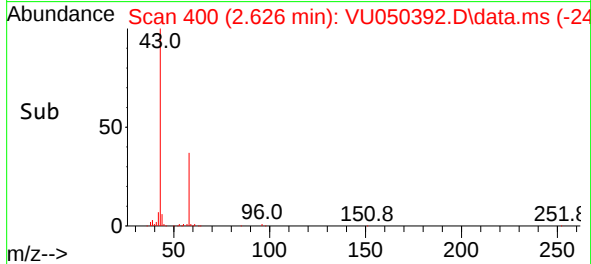
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 118660
Ion Ratio Lower Upper
43 100
58 37.2 26.2 39.2

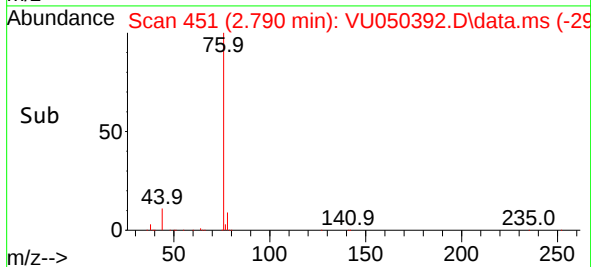
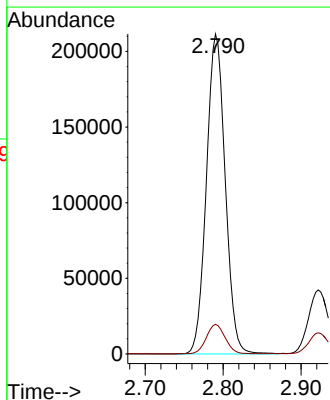
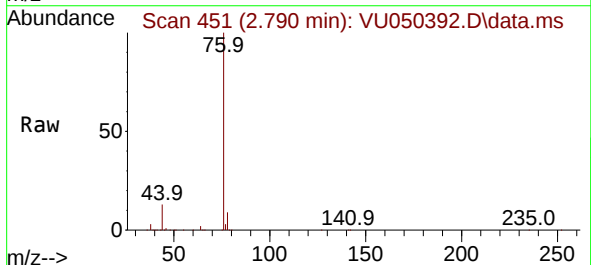
Manual Integrations
APPROVED

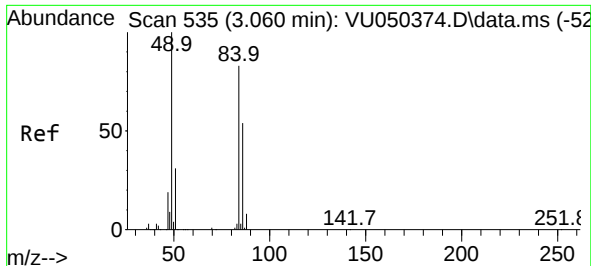
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#14
Carbon Disulfide
Concen: 9.530 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.013 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

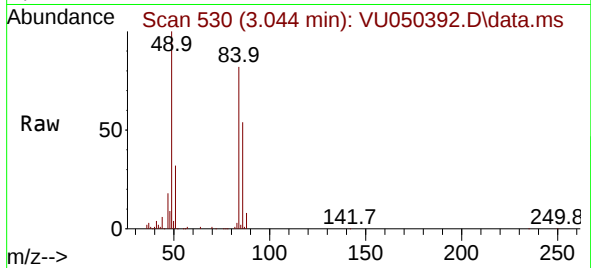
Tgt Ion: 76 Resp: 354311
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0





#15
Methylene Chloride
Concen: 8.616 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.016 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

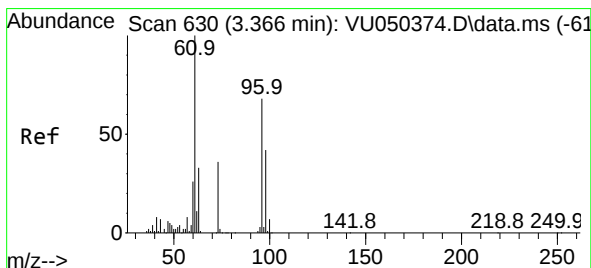
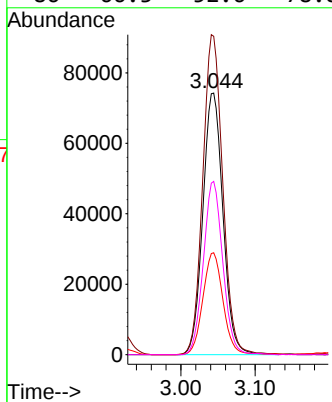
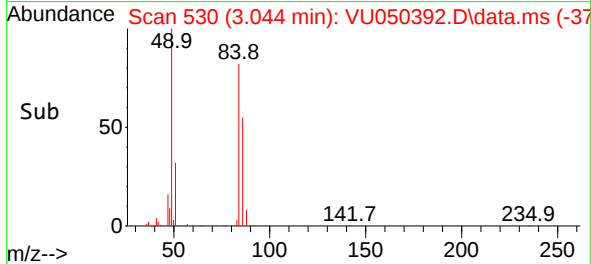
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



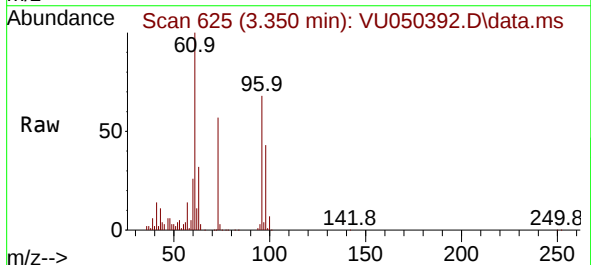
Tgt Ion: 84 Resp: 13991
Ion Ratio Lower Upper
84 100
49 121.7 104.6 157.0
51 38.8 0.0 81.4
86 66.3 52.6 78.8

Manual Integrations
APPROVED

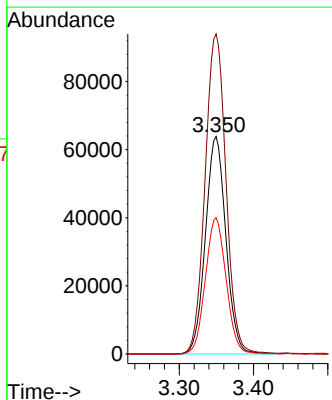
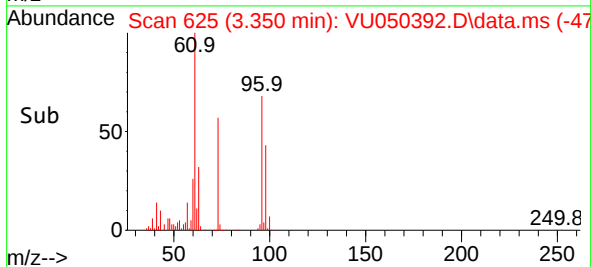
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#16
trans-1,2-Dichloroethene
Concen: 9.878 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.016 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52



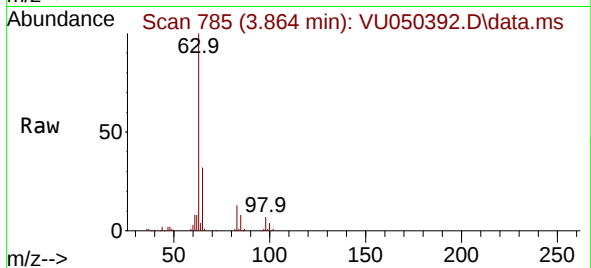
Tgt Ion: 96 Resp: 122525
Ion Ratio Lower Upper
96 100
61 147.0 123.4 185.0
98 62.7 51.6 77.4





#17
1,1-Dichloroethane
Concen: 9.065 ug/l
RT: 3.864 min Scan# 791
Delta R.T. -0.019 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

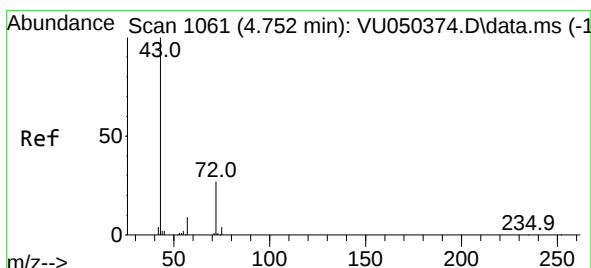
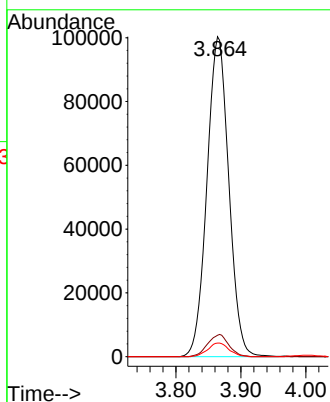
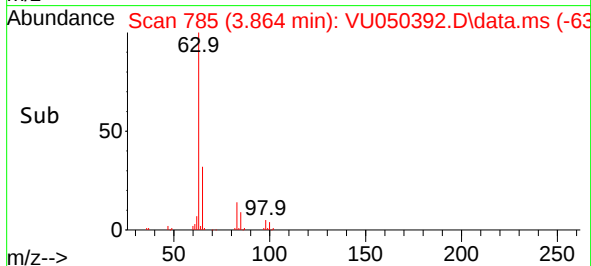
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 23419
Ion Ratio Lower Upper
63 100
98 6.7 3.4 10.2
100 4.3 2.0 6.0

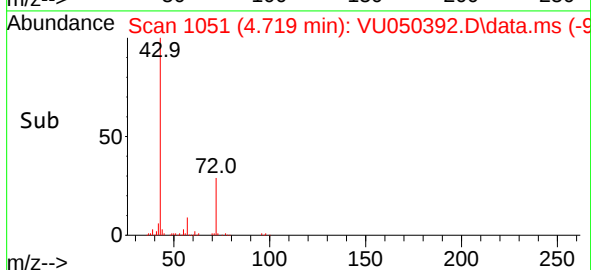
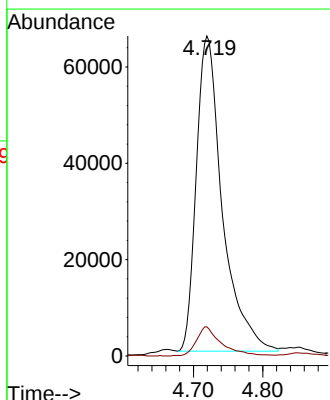
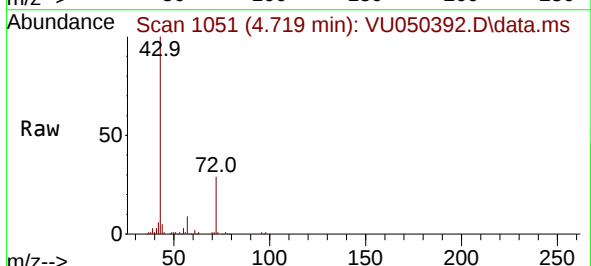
Manual Integrations
APPROVED

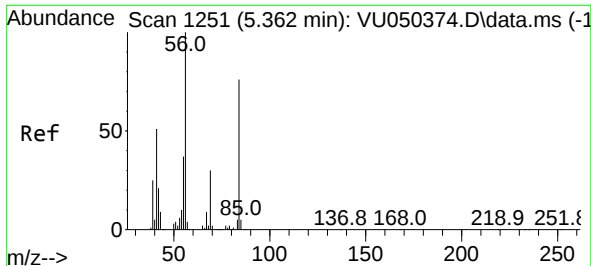
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#18
2-Butanone
Concen: 43.168 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. -0.033 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion: 43 Resp: 170932
Ion Ratio Lower Upper
43 100
57 9.1 0.0 18.0





#19

Cyclohexane

Concen: 8.749 ug/l m

RT: 5.385 min Scan# 1

Delta R.T. 0.023 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 56 Resp: 16403

Ion Ratio Lower Upper

56 100

69 30.3 24.2 36.4

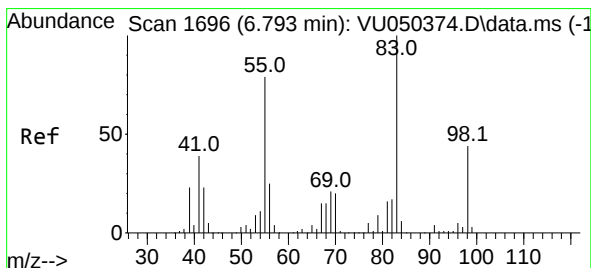
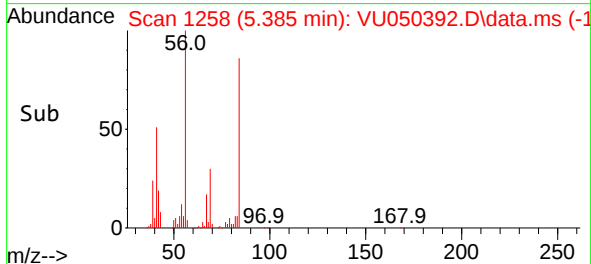
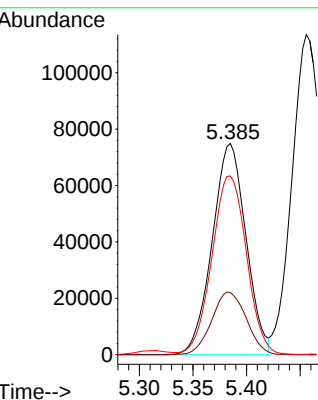
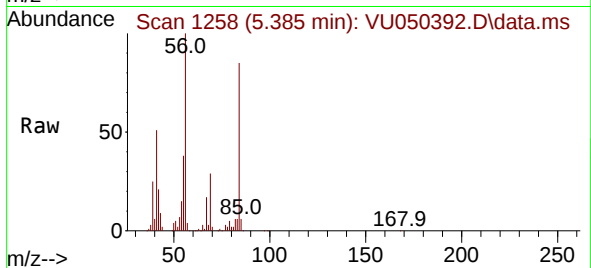
84 85.0 63.4 95.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#20

Methylcyclohexane

Concen: 11.721 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. -0.032 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

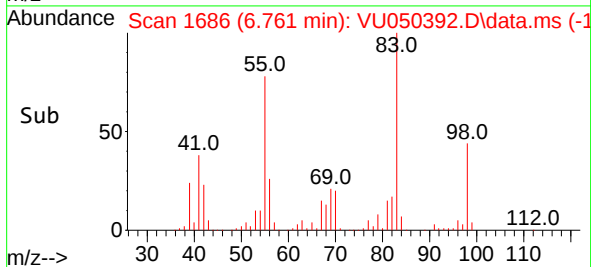
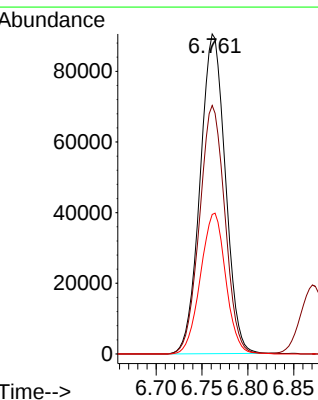
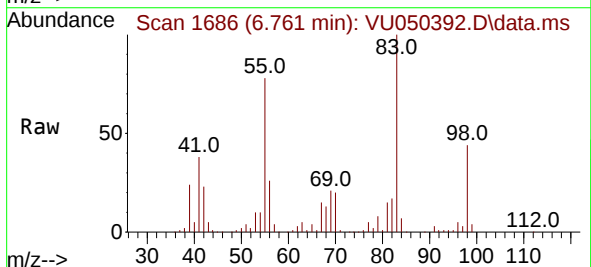
Tgt Ion: 83 Resp: 173227

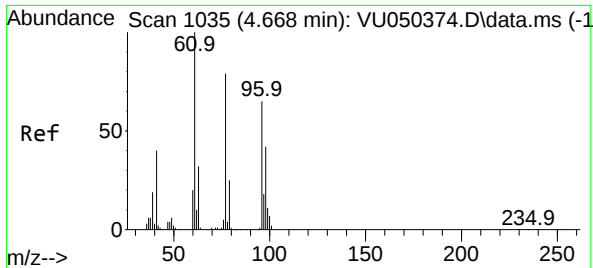
Ion Ratio Lower Upper

83 100

55 77.9 63.0 94.4

98 44.2 35.7 53.5





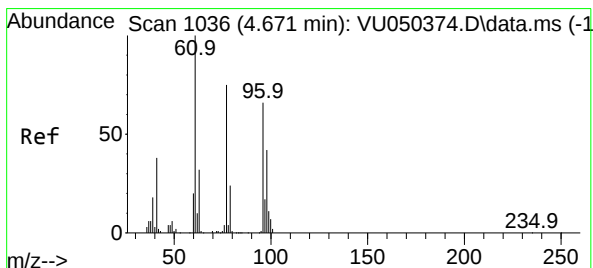
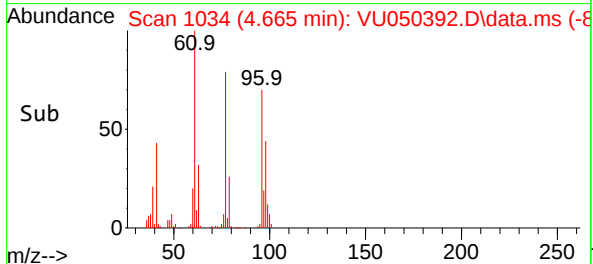
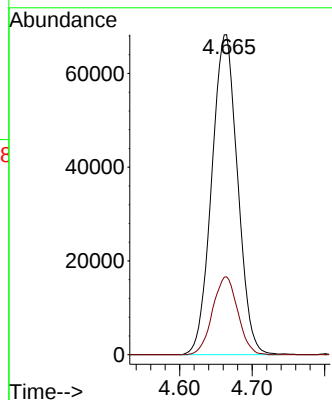
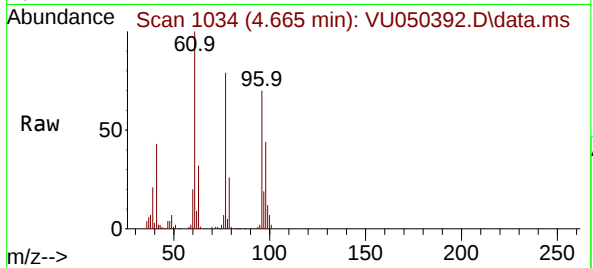
#21
2,2-Dichloropropane
Concen: 8.621 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 77 Resp: 169289
Ion Ratio Lower Upper
77 100
97 23.7 18.5 27.7

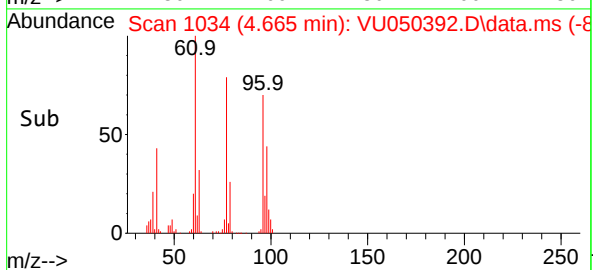
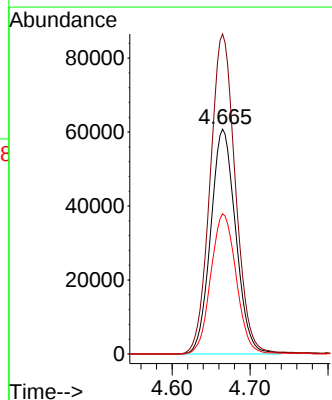
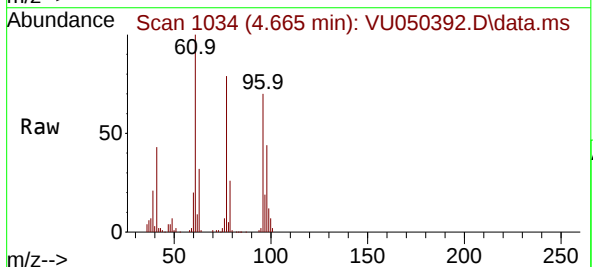
Manual Integrations
APPROVED

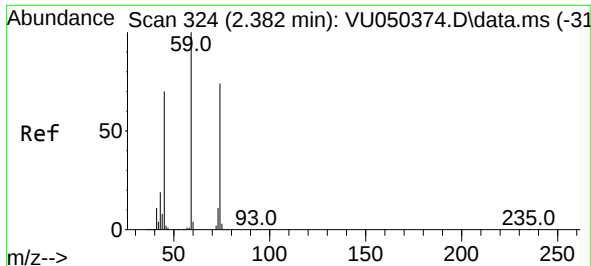
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#22
cis-1,2-Dichloroethene
Concen: 9.674 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

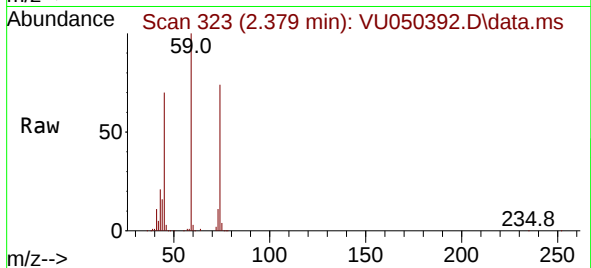
Tgt Ion: 96 Resp: 135760
Ion Ratio Lower Upper
96 100
61 144.0 0.0 375.8
98 63.2 31.6 95.0





#23
Diethyl Ether
Concen: 9.596 ug/l
RT: 2.379 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

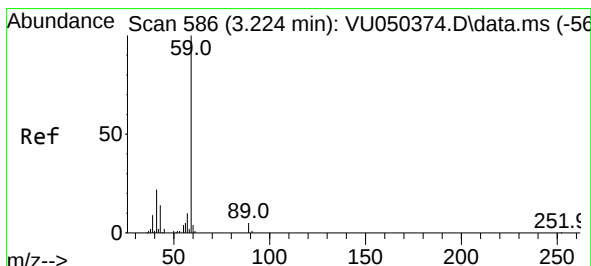
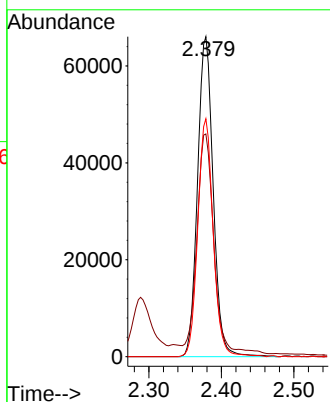
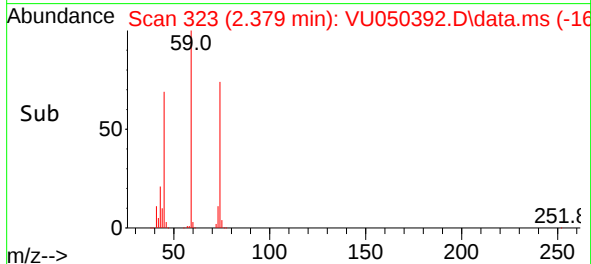
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 59 Resp: 98934
Ion Ratio Lower Upper
59 100
45 74.0 56.0 84.0
74 73.5 57.6 86.4

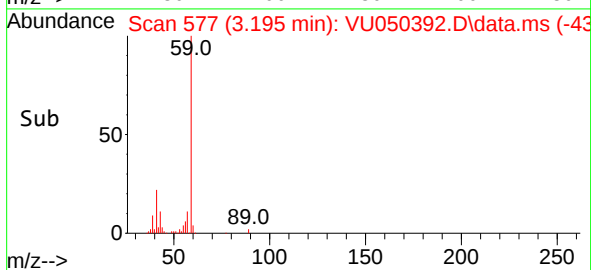
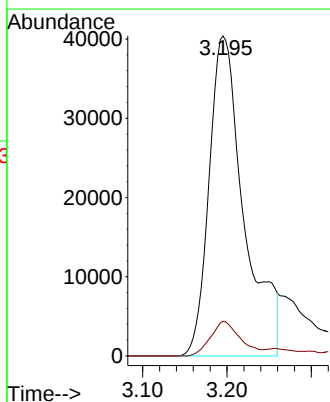
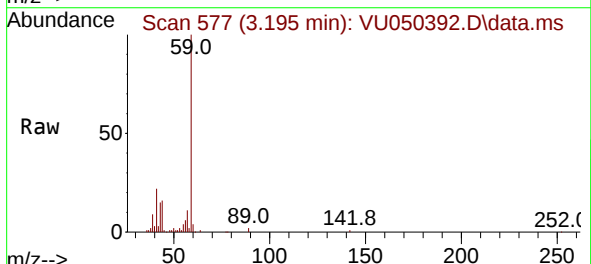
Manual Integrations
APPROVED

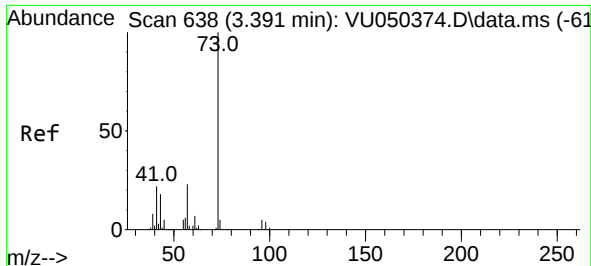
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#24
tert-Butyl Alcohol
Concen: 106.479 ug/l m
RT: 3.195 min Scan# 577
Delta R.T. -0.029 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion: 59 Resp: 116117
Ion Ratio Lower Upper
59 100
57 9.2 8.2 12.2





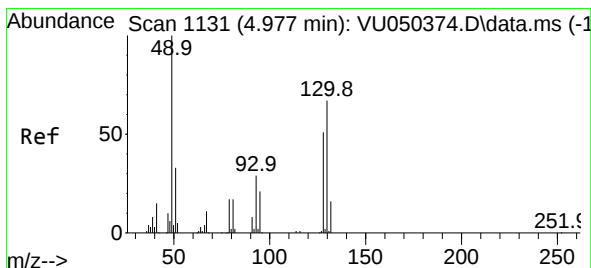
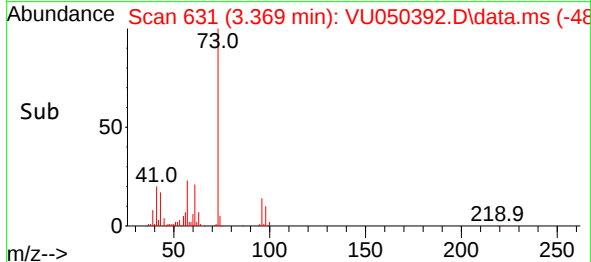
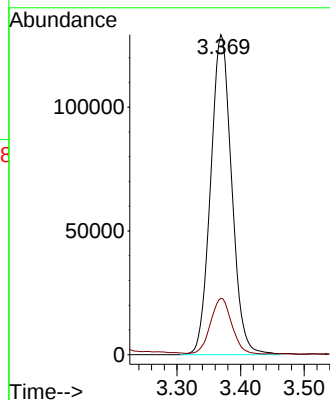
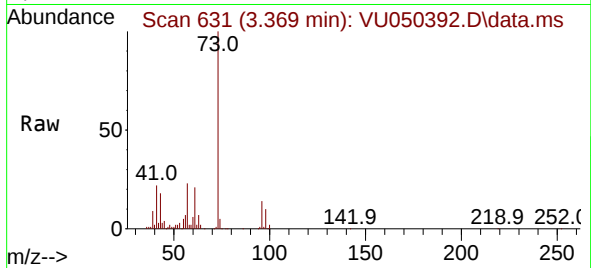
#25
Methyl tert-Butyl Ether
Concen: 9.328 ug/l
RT: 3.369 min Scan# 61
Delta R.T. -0.022 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 73 Resp: 29738
Ion Ratio Lower Upper
73 100
43 17.5 15.9 23.9

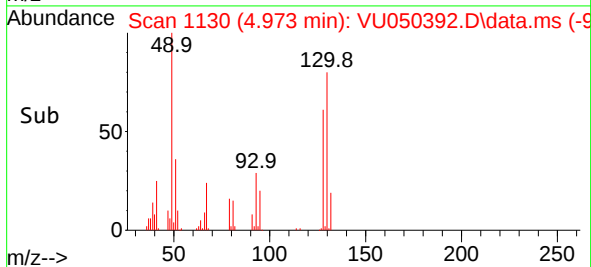
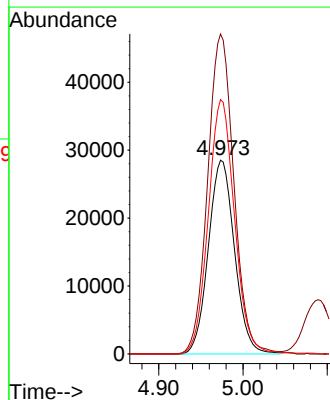
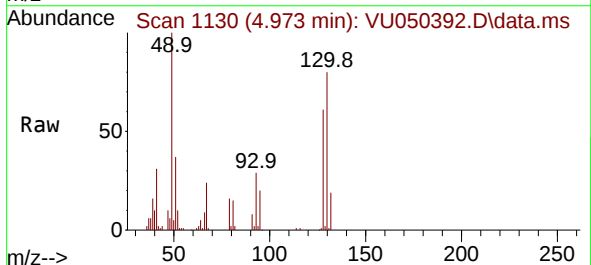
Manual Integrations
APPROVED

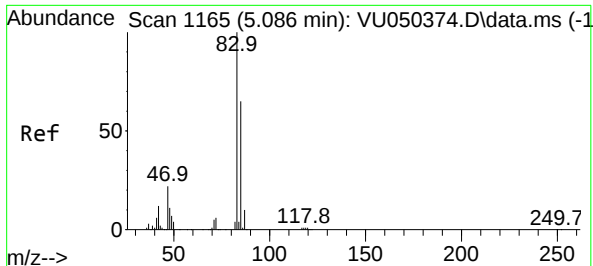
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#26
Bromochloromethane
Concen: 10.917 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.004 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion:128 Resp: 61473
Ion Ratio Lower Upper
128 100
49 165.5 0.0 349.2
130 132.3 103.0 154.6





#27

Chloroform

Concen: 9.580 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 23985

Ion Ratio Lower Upper

83 100

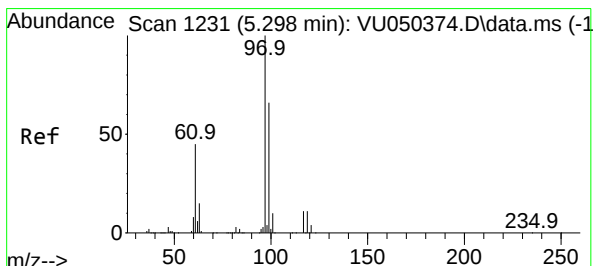
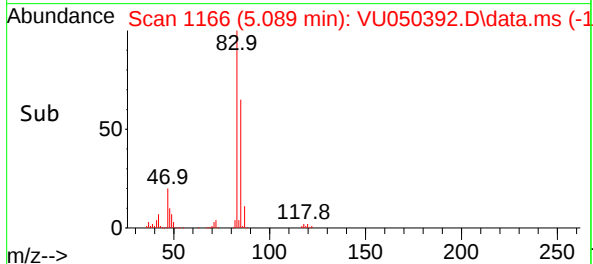
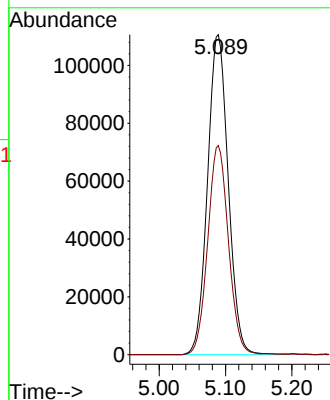
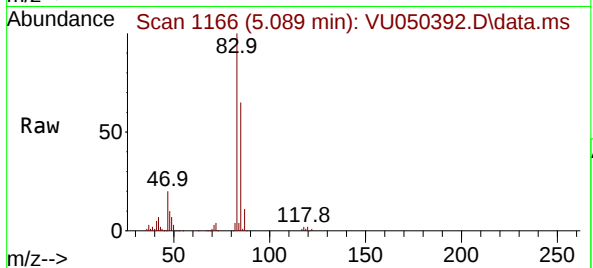
85 65.3 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#28

1,1,1-Trichloroethane

Concen: 9.110 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.016 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

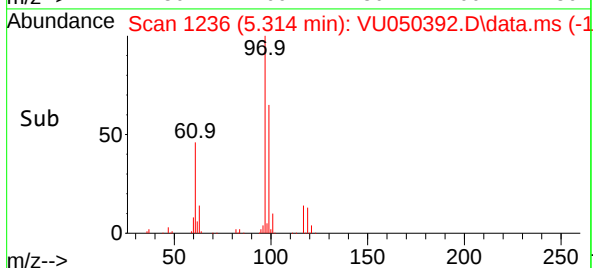
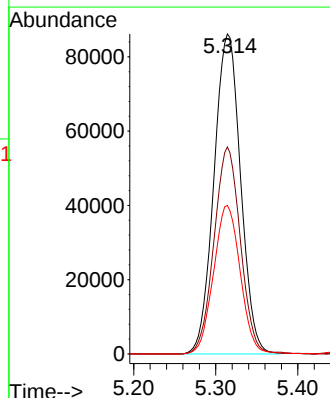
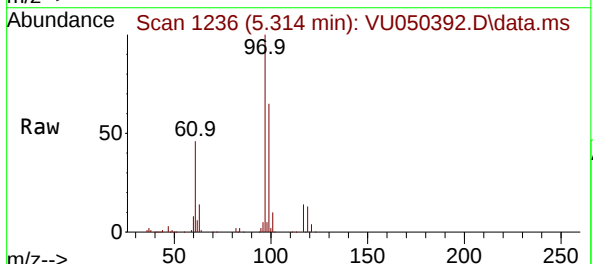
Tgt Ion: 97 Resp: 194626

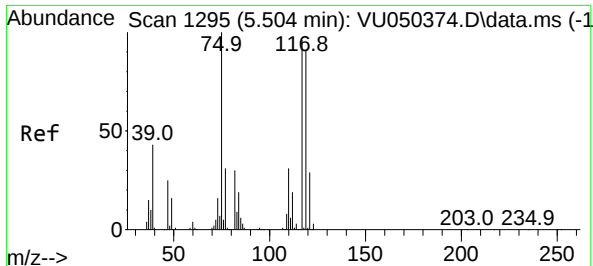
Ion Ratio Lower Upper

97 100

99 63.9 32.1 96.5

61 46.6 21.8 65.4





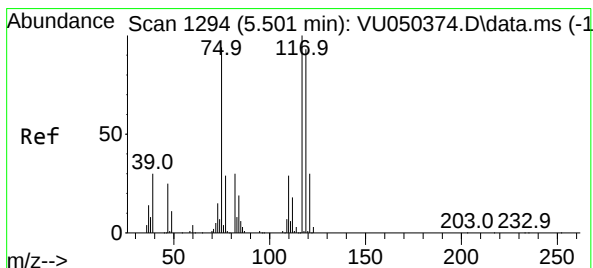
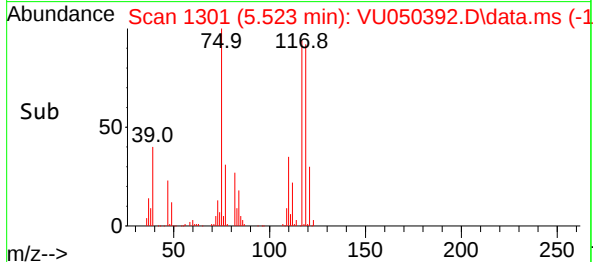
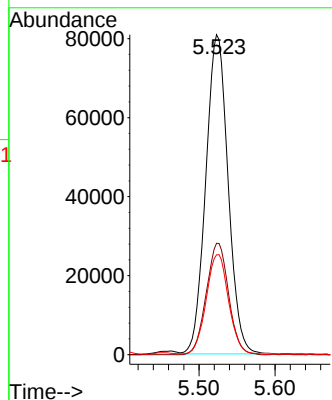
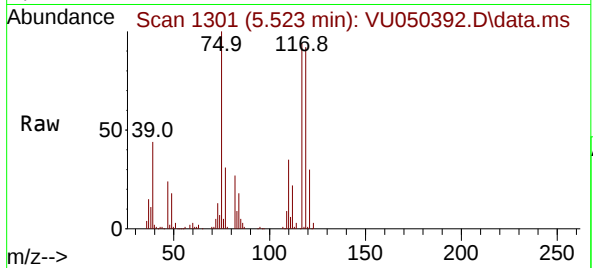
#29
1,1-Dichloropropene
Concen: 9.621 ug/l
RT: 5.523 min Scan# 1100
Delta R.T. 0.019 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 164659
Ion Ratio Lower Upper
75 100
110 34.9 17.3 52.0
77 31.8 24.6 37.0

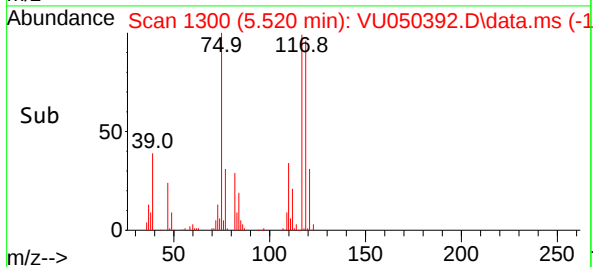
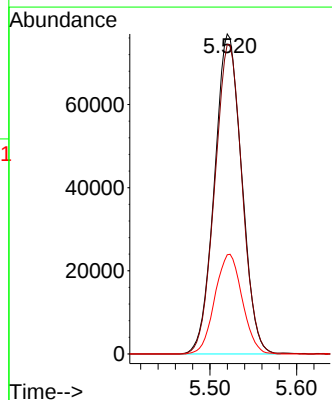
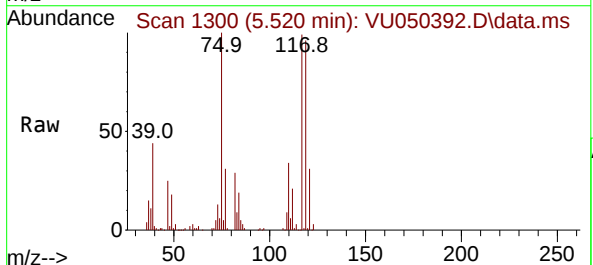
Manual Integrations
APPROVED

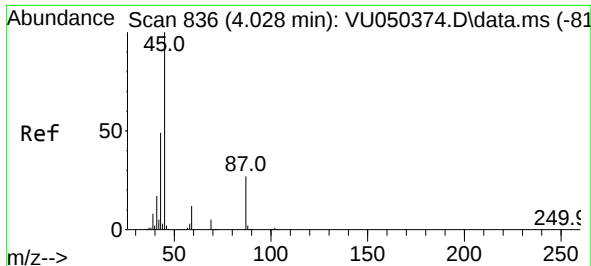
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#30
Carbon Tetrachloride
Concen: 9.819 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.019 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

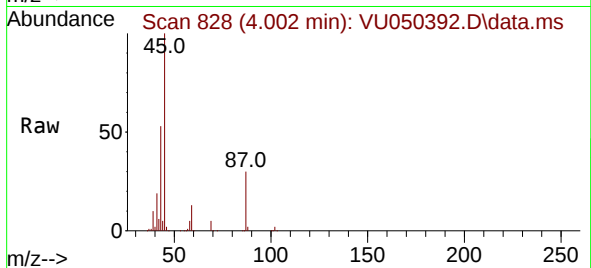
Tgt Ion:117 Resp: 167925
Ion Ratio Lower Upper
117 100
119 96.8 74.6 112.0
121 31.0 24.2 36.4





#31
Isopropyl Ether
Concen: 7.977 ug/l
RT: 4.002 min Scan# 81
Delta R.T. -0.026 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

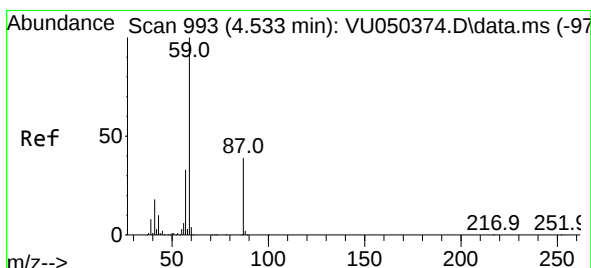
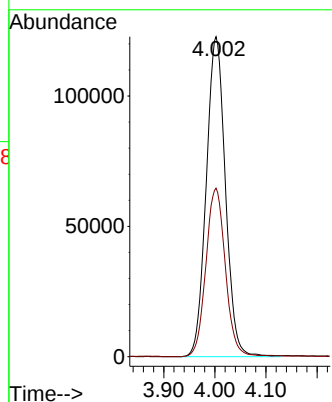
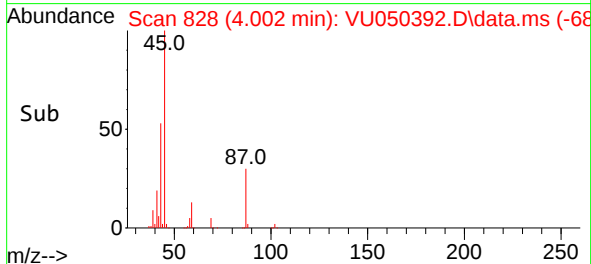
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



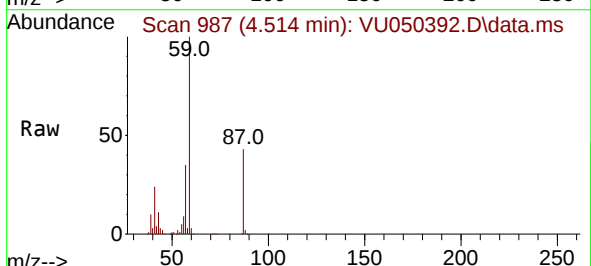
Tgt Ion: 45 Resp: 319778
Ion Ratio Lower Upper
45 100
43 53.4 23.8 71.2

Manual Integrations
APPROVED

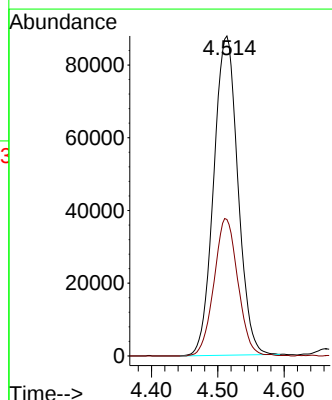
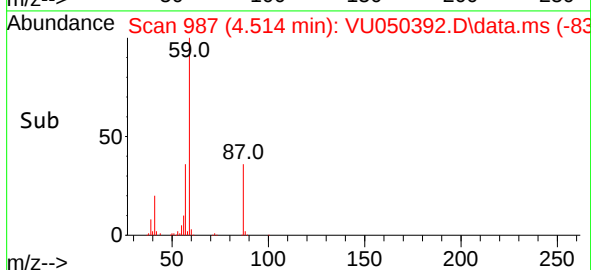
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

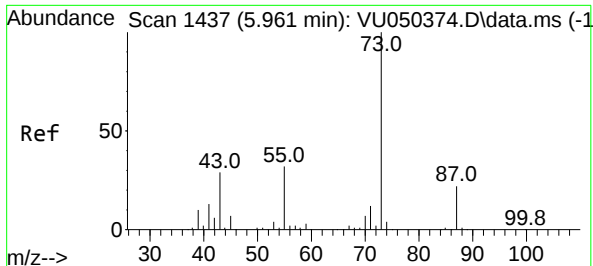


#32
Ethyl-t-butyl ether
Concen: 7.060 ug/l
RT: 4.514 min Scan# 987
Delta R.T. -0.019 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52



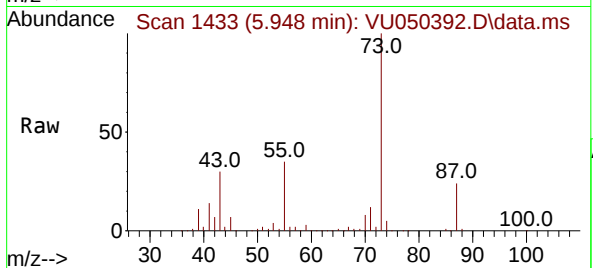
Tgt Ion: 59 Resp: 222344
Ion Ratio Lower Upper
59 100
87 42.4 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 8.901 ug/l
RT: 5.948 min Scan# 1437
Delta R.T. -0.013 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

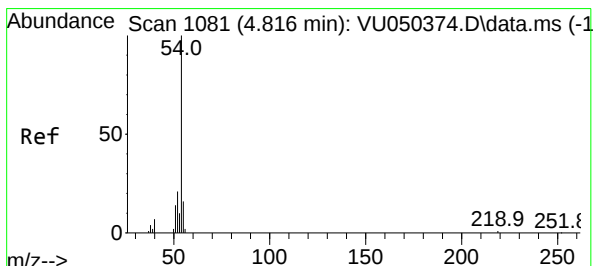
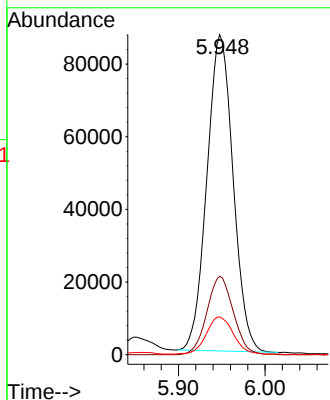
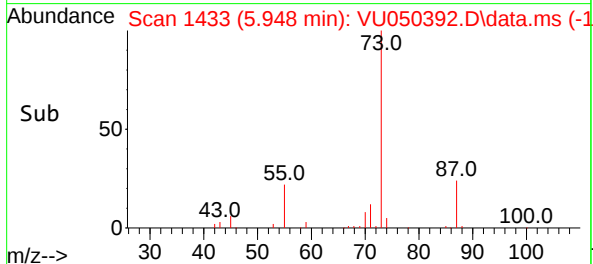
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



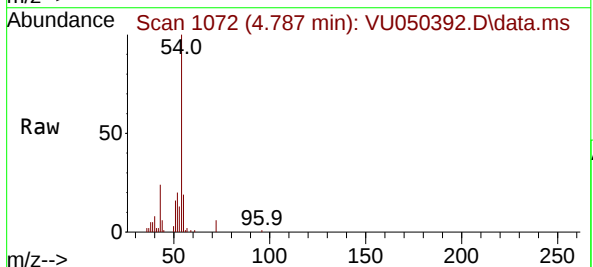
Tgt Ion: 73 Resp: 182734
Ion Ratio Lower Upper
73 100
87 25.0 19.7 29.5
71 12.0 9.0 13.4

Manual Integrations
APPROVED

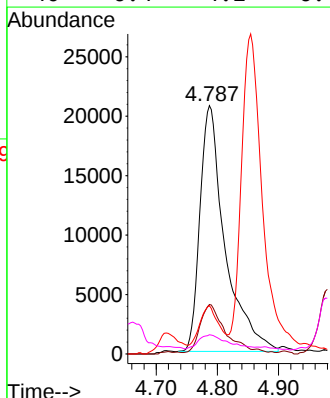
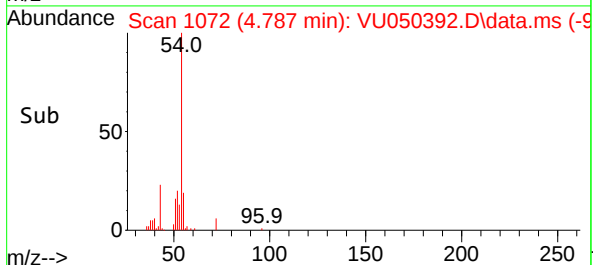
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

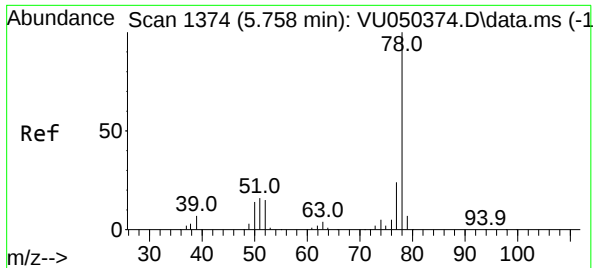


#34
Propionitrile
Concen: 50.455 ug/l
RT: 4.787 min Scan# 1072
Delta R.T. -0.029 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52



Tgt Ion: 54 Resp: 59014
Ion Ratio Lower Upper
54 100
52 19.0 15.0 22.6
55 14.1 12.6 19.0
40 6.4 4.2 6.4





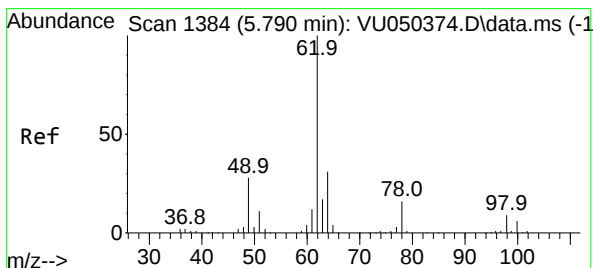
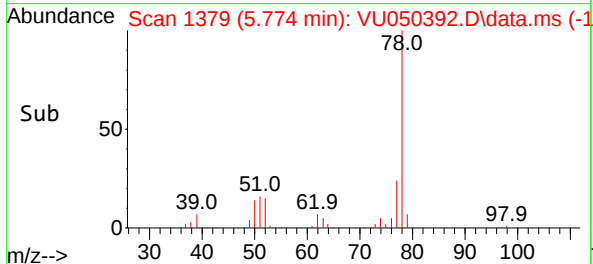
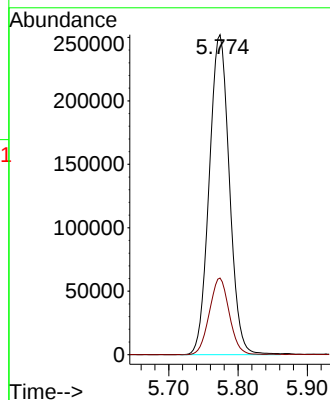
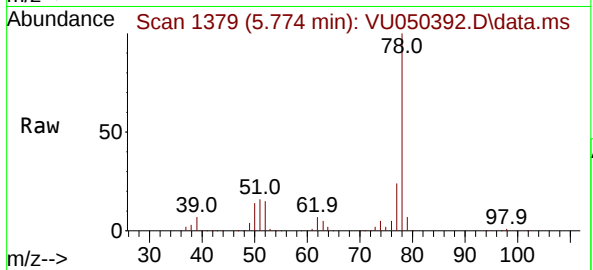
#35
Benzene
Concen: 10.113 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. 0.016 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 78 Resp: 50873
Ion Ratio Lower Upper
78 100
77 23.9 18.6 28.0

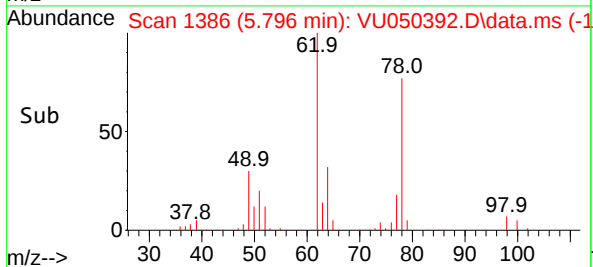
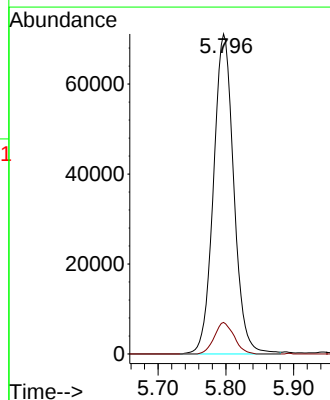
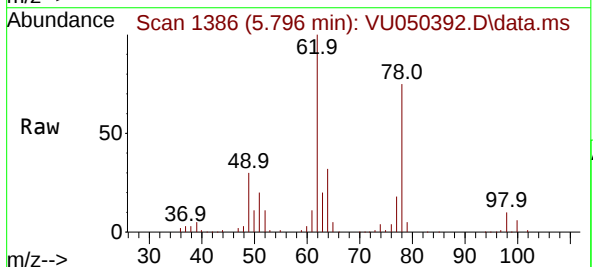
Manual Integrations
APPROVED

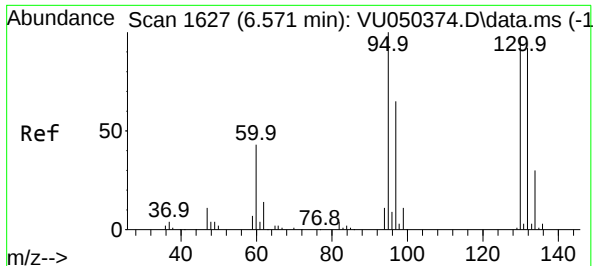
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#36
1,2-Dichloroethane
Concen: 9.645 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion: 62 Resp: 148136
Ion Ratio Lower Upper
62 100
98 9.6 7.4 11.0





#37

Trichloroethene

Concen: 10.022 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. -0.029 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:130 Resp: 12086

Ion Ratio Lower Upper

130 100

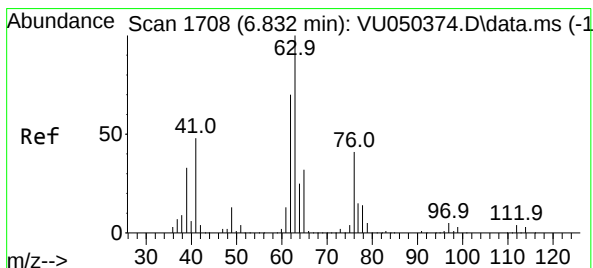
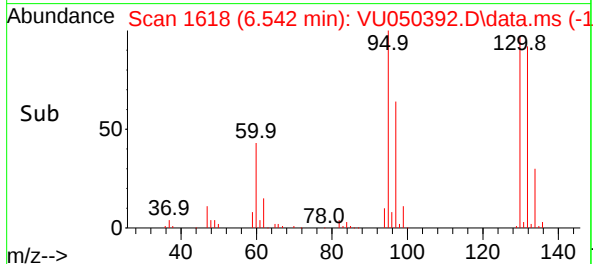
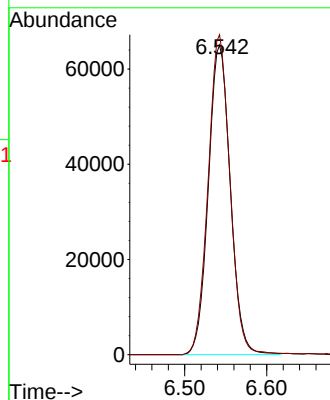
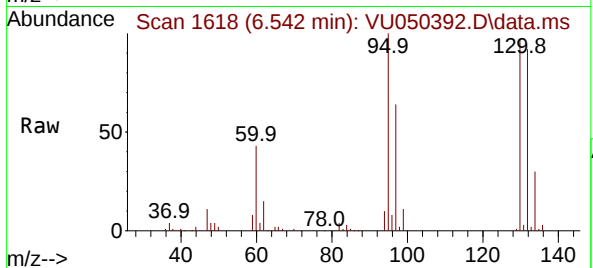
95 103.3 83.8 125.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#38

1,2-Dichloropropane

Concen: 10.426 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. -0.039 min

Lab File: VU050392.D

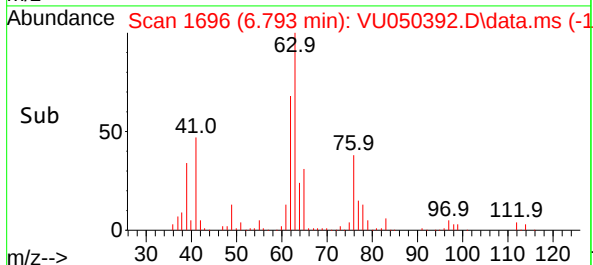
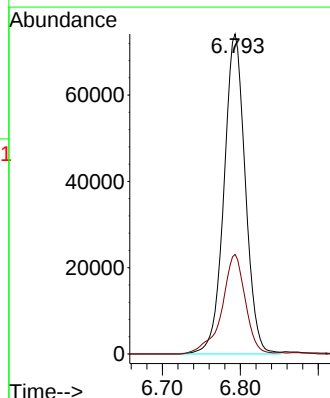
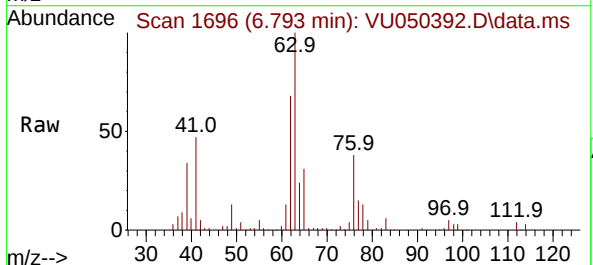
Acq: 22 Aug 2022 09:52

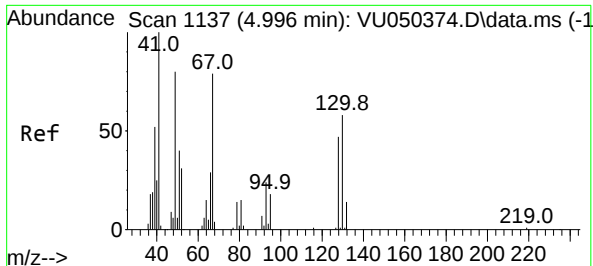
Tgt Ion: 63 Resp: 140780

Ion Ratio Lower Upper

63 100

65 31.1 25.0 37.4





#39

Methacrylonitrile

Concen: 8.292 ug/l

RT: 4.983 min Scan# 1133

Delta R.T. -0.013 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 39790

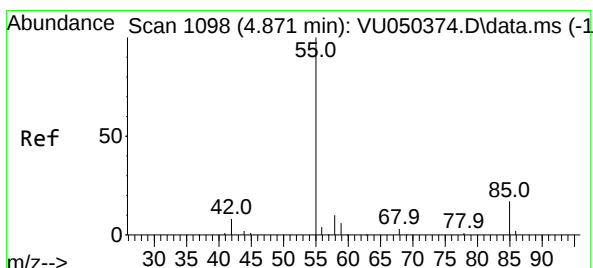
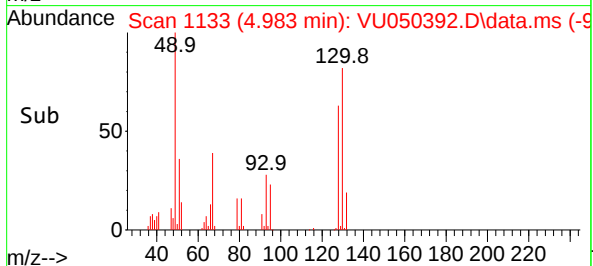
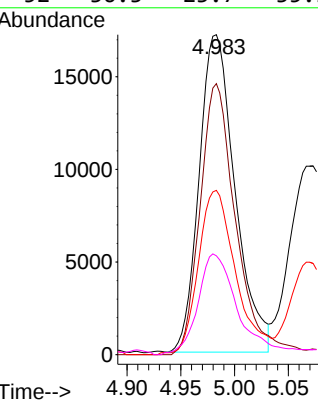
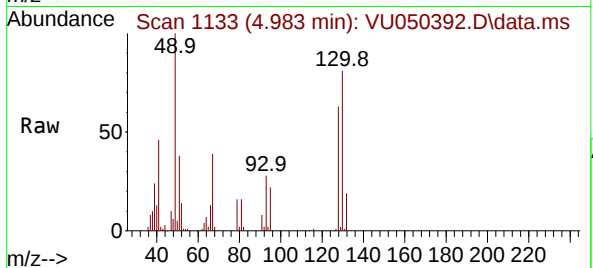
Ion	Ratio	Lower	Upper
41	100		
67	85.2	59.4	89.0
39	53.9	42.2	63.2
52	36.3	23.7	35.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#40

Methyl acrylate

Concen: 9.046 ug/l m

RT: 4.854 min Scan# 1093

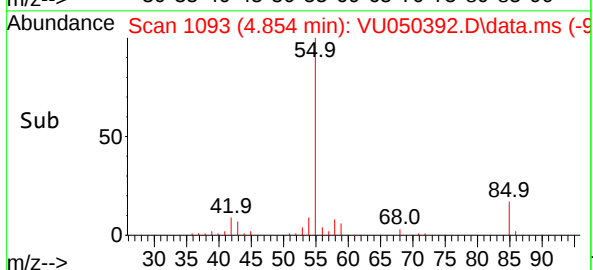
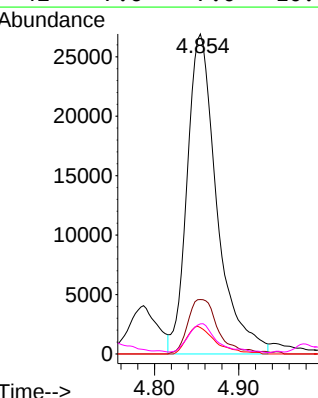
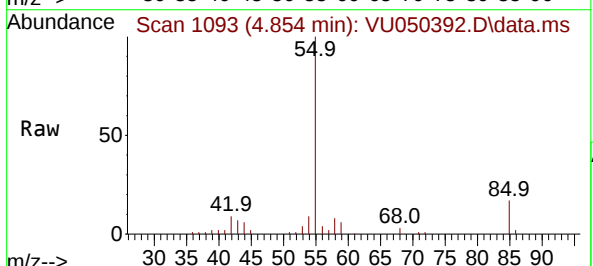
Delta R.T. -0.016 min

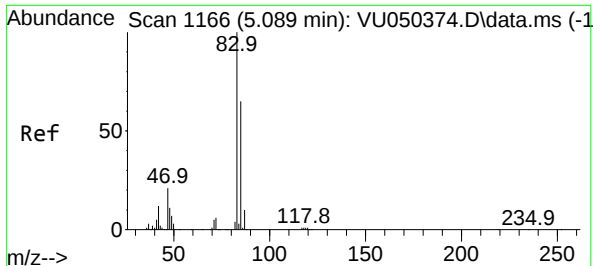
Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Tgt Ion: 55 Resp: 66134

Ion	Ratio	Lower	Upper
55	100		
85	16.8	13.5	20.3
58	8.3	7.0	10.4
42	7.6	7.0	10.6





#41

Tetrahydrofuran

Concen: 17.603 ug/l

RT: 5.067 min Scan# 1166

Delta R.T. -0.023 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 42 Resp: 4230

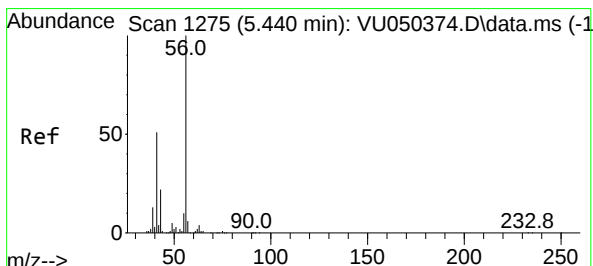
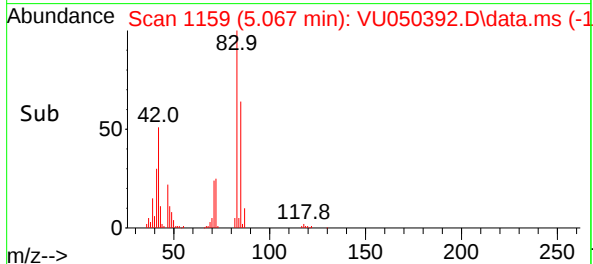
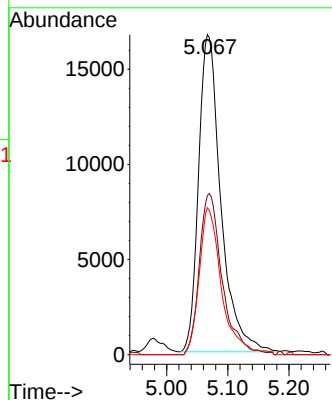
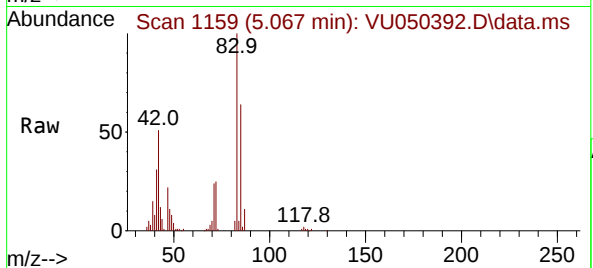
Ion	Ratio	Lower	Upper
42	100		
72	52.1	38.9	58.3
71	46.3	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#42

1-Chlorobutane

Concen: 9.362 ug/l

RT: 5.456 min Scan# 1280

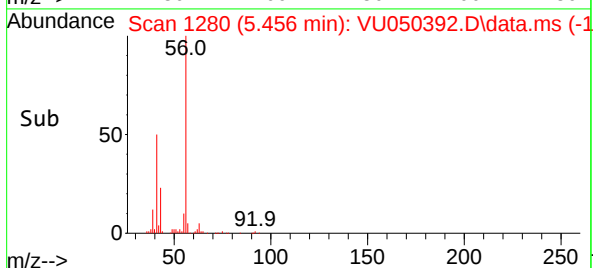
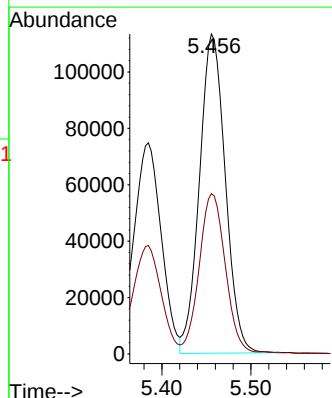
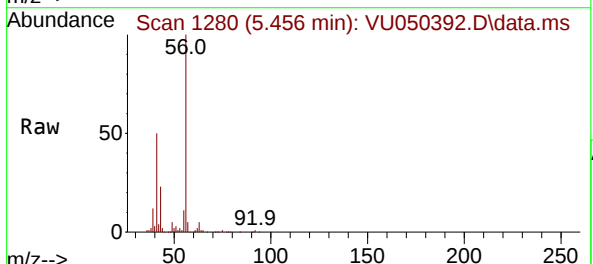
Delta R.T. 0.016 min

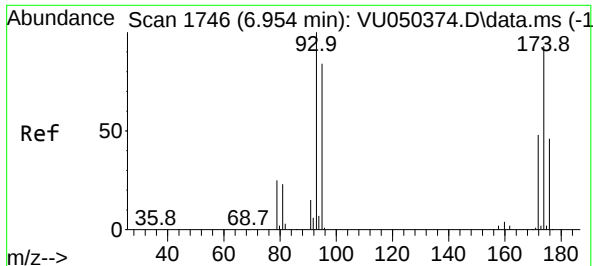
Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Tgt Ion: 56 Resp: 228143

Ion	Ratio	Lower	Upper
56	100		
41	49.7	26.4	79.2





#43

Dibromomethane

Concen: 10.072 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.035 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 93 Resp: 73314

Ion Ratio Lower Upper

93 100

95 82.7 65.0 97.6

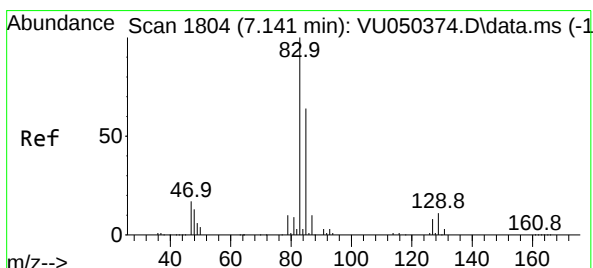
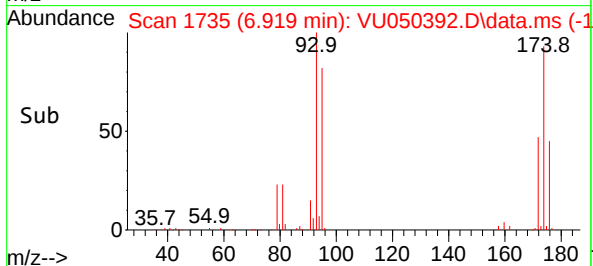
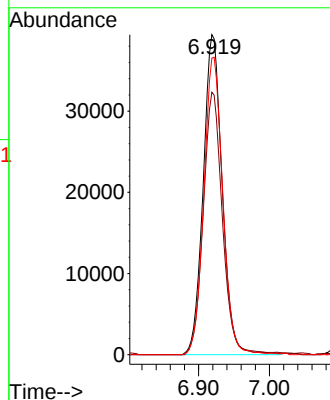
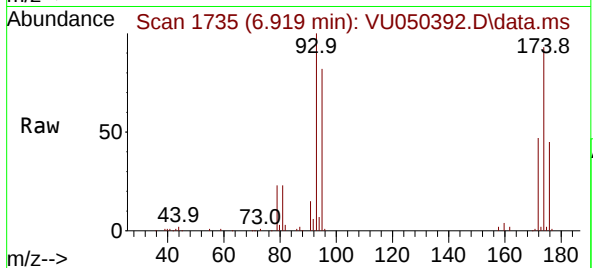
174 92.7 76.3 114.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#44

Bromodichloromethane

Concen: 10.568 ug/l

RT: 7.108 min Scan# 1794

Delta R.T. -0.032 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

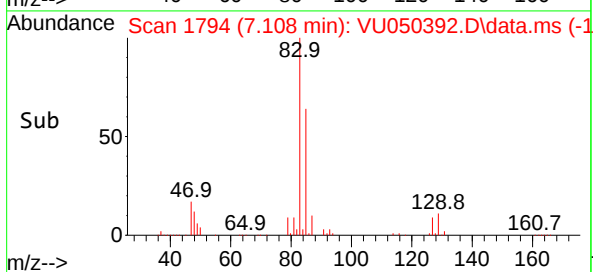
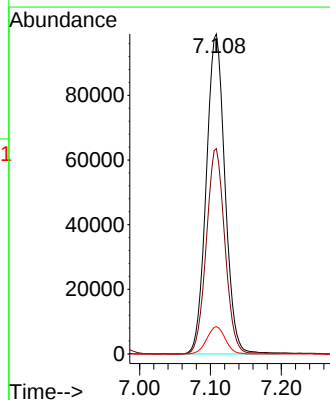
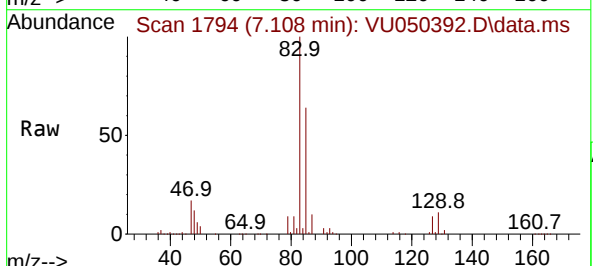
Tgt Ion: 83 Resp: 181525

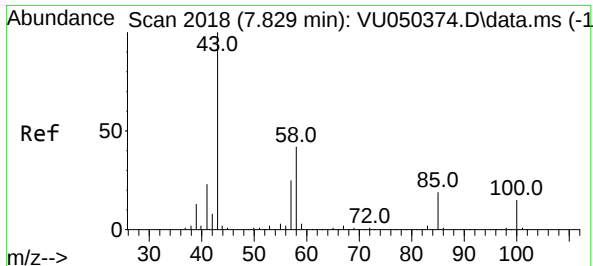
Ion Ratio Lower Upper

83 100

85 64.2 49.4 74.0

127 8.5 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 54.300 ug/l

RT: 7.796 min Scan# 2018

Delta R.T. -0.032 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

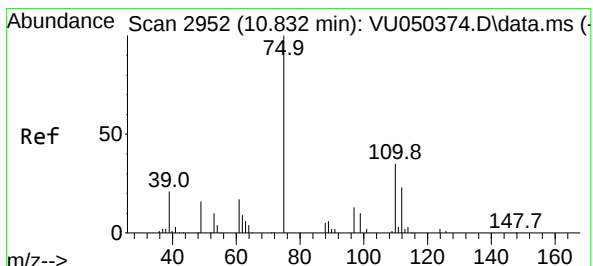
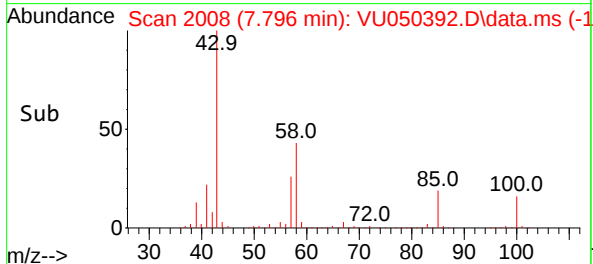
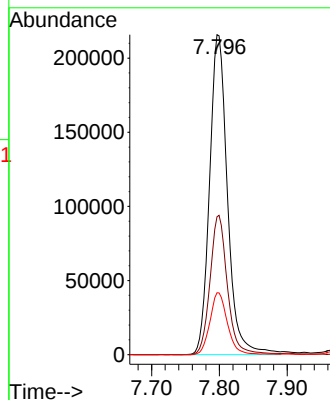
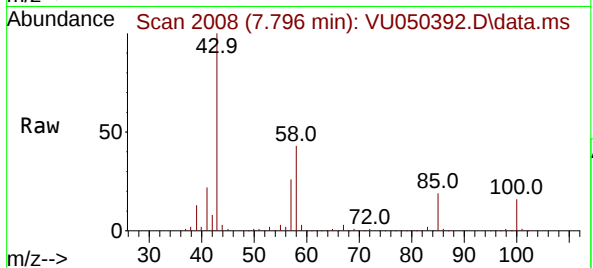
Tgt Ion: 43 Resp: 396735
 Ion Ratio Lower Upper
 43 100
 58 42.2 20.3 61.0
 85 18.9 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#46

t-1,4-Dichloro-2-butene

Concen: 17.047 ug/l m

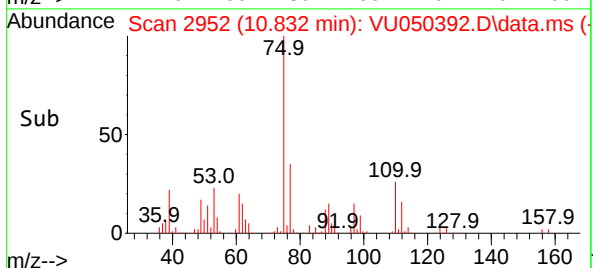
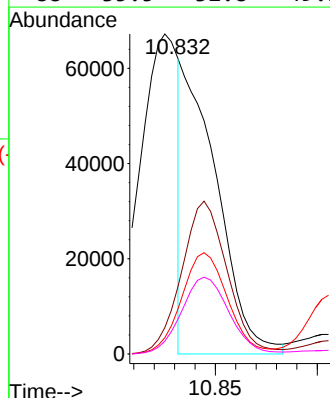
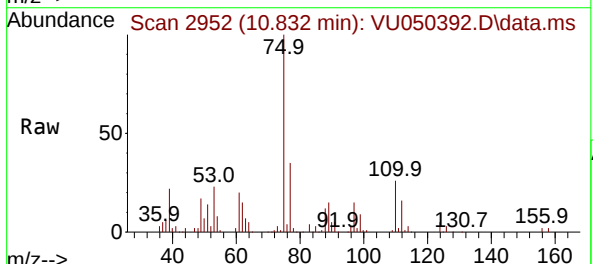
RT: 10.832 min Scan# 2952

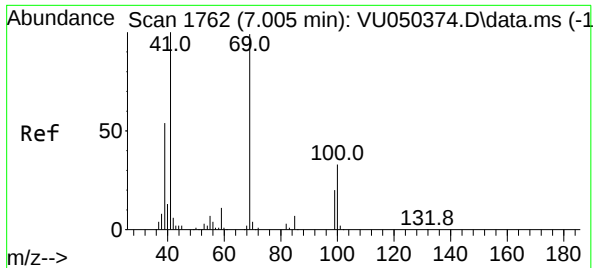
Delta R.T. -0.000 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Tgt Ion: 75 Resp: 74036
 Ion Ratio Lower Upper
 75 100
 53 67.8 64.4 96.6
 89 45.4 44.2 66.2
 88 35.5 32.8 49.2





#47

Methyl methacrylate

Concen: 18.188 ug/l

RT: 6.967 min Scan# 11

Delta R.T. -0.038 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 123440

Ion Ratio Lower Upper

69 100

41 103.4 0.0 225.4

39 53.4 45.8 68.8

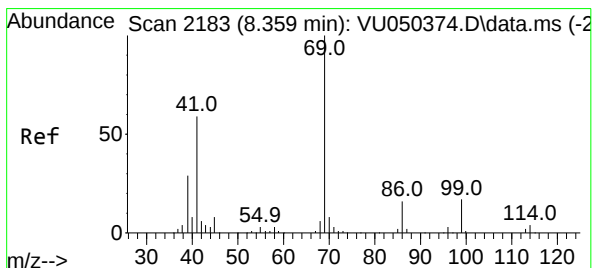
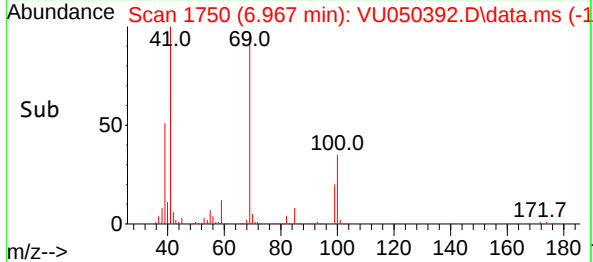
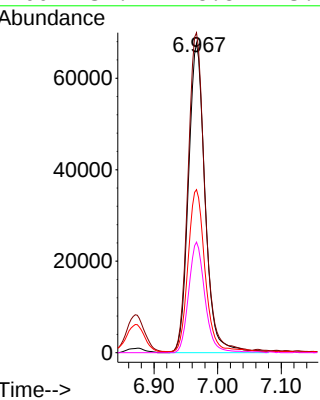
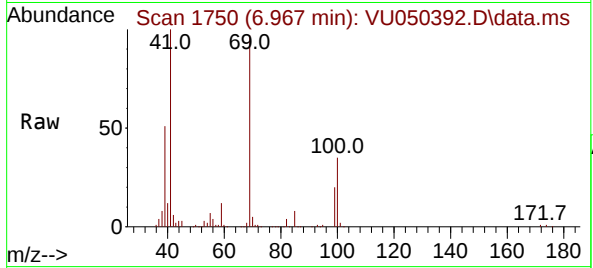
100 34.7 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#48

Ethyl methacrylate

Concen: 8.842 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. -0.022 min

Lab File: VU050392.D

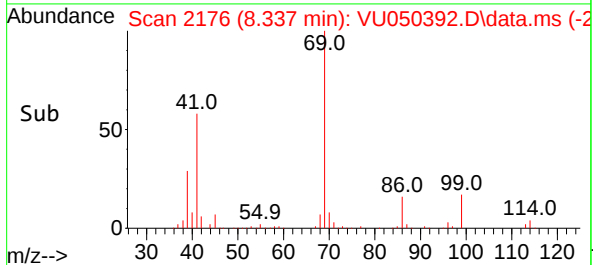
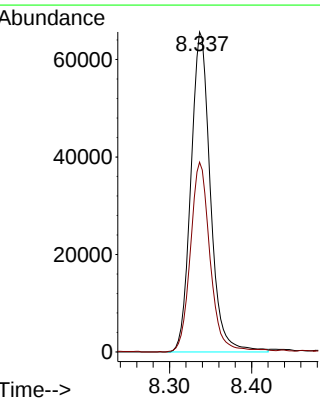
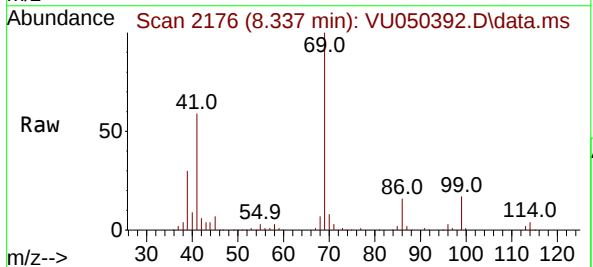
Acq: 22 Aug 2022 09:52

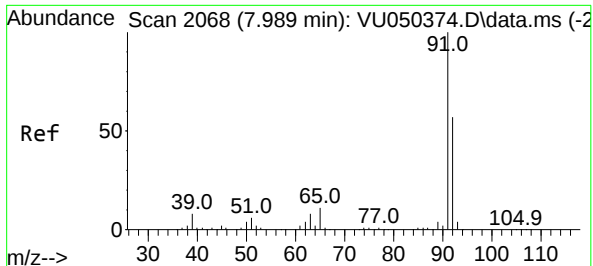
Tgt Ion: 69 Resp: 108304

Ion Ratio Lower Upper

69 100

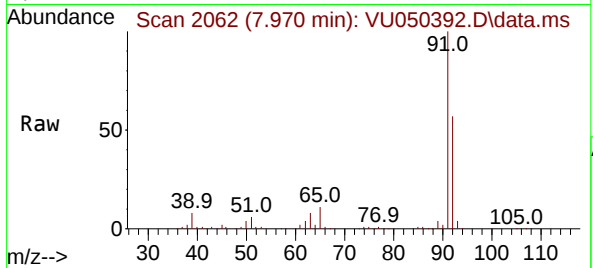
41 59.5 32.3 96.9





#49
Toluene
Concen: 11.347 ug/l
RT: 7.970 min Scan# 2068
Delta R.T. -0.019 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

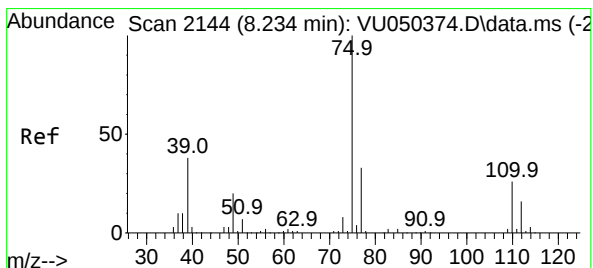
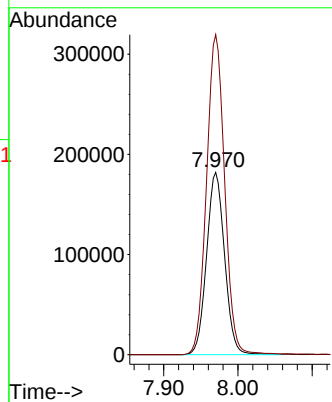
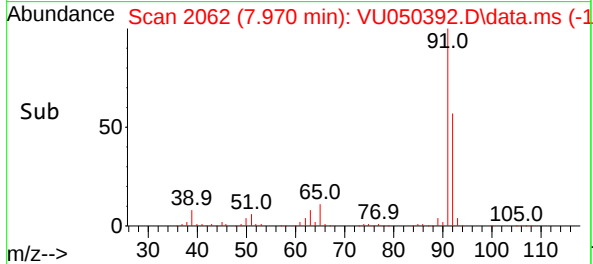
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 92 Resp: 306702
Ion Ratio Lower Upper
92 100
91 176.2 138.6 207.8

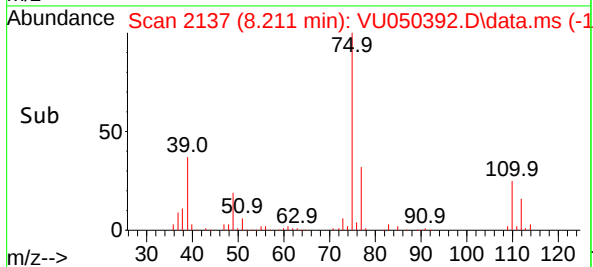
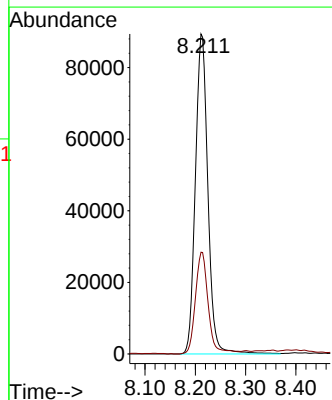
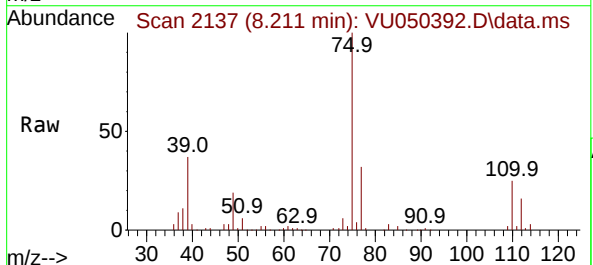
Manual Integrations
APPROVED

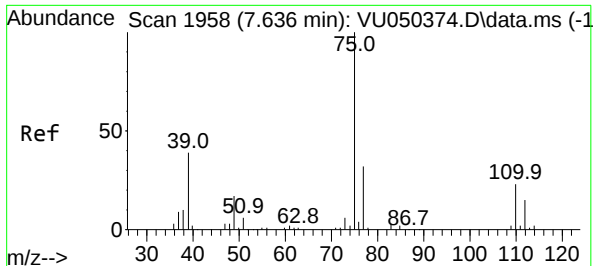
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#50
t-1,3-Dichloropropene
Concen: 11.519 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. -0.023 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

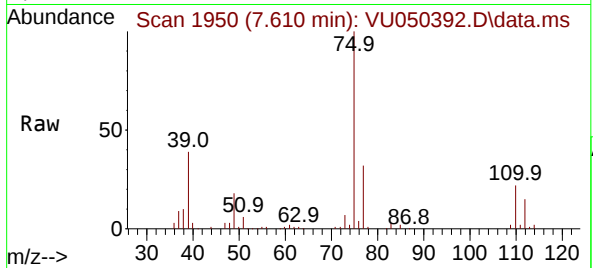
Tgt Ion: 75 Resp: 154057
Ion Ratio Lower Upper
75 100
77 31.8 24.7 37.1





#51
 cis-1,3-Dichloropropene
 Concen: 11.308 ug/l
 RT: 7.610 min Scan# 1958
 Delta R.T. -0.026 min
 Lab File: VU050392.D
 Acq: 22 Aug 2022 09:52

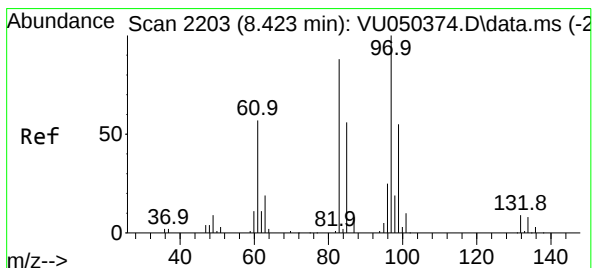
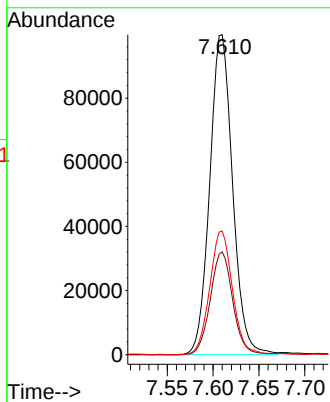
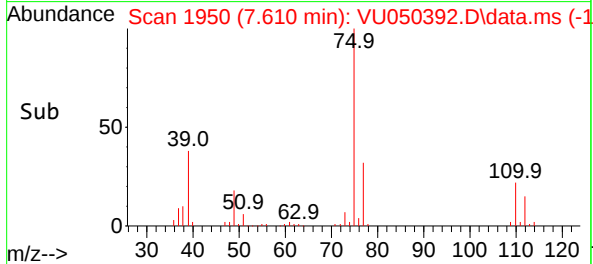
Instrument : MSVOA_U
 ClientSampleId : VSTDCCC010



Tgt Ion: 75 Resp: 17313
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0
 39 38.5 35.1 52.7

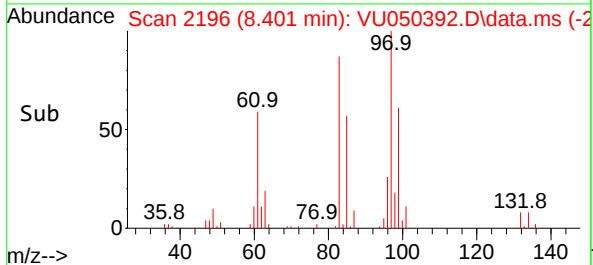
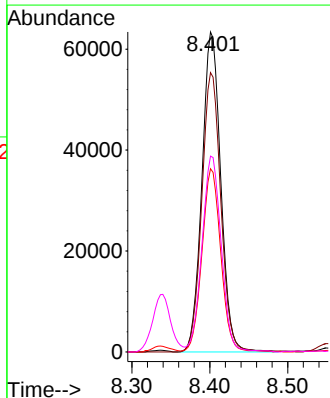
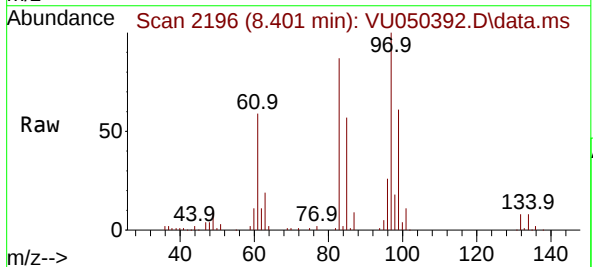
Manual Integrations
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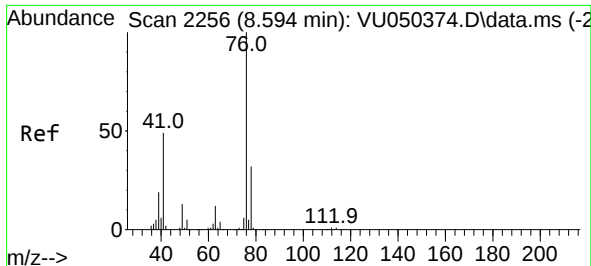
Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 09/12/2022



#52
 1,1,2-Trichloroethane
 Concen: 9.972 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. -0.022 min
 Lab File: VU050392.D
 Acq: 22 Aug 2022 09:52

Tgt Ion: 97 Resp: 106675
 Ion Ratio Lower Upper
 97 100
 83 87.3 70.6 106.0
 85 57.1 46.2 69.4
 99 61.2 50.0 75.0





#53

1,3-Dichloropropane

Concen: 10.417 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.016 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 17548

Ion Ratio Lower Upper

76 100

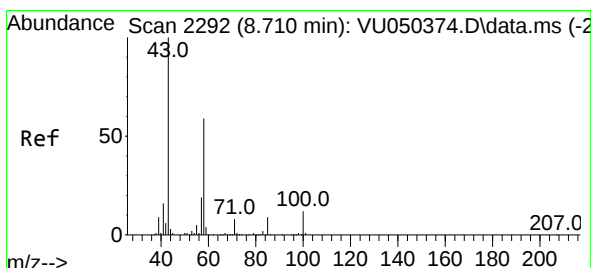
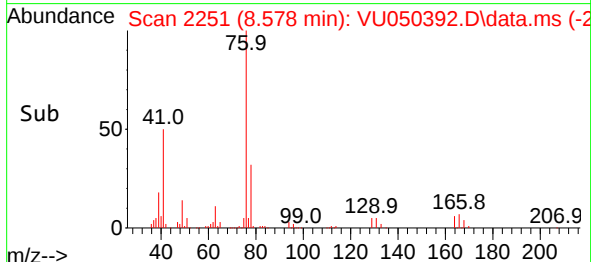
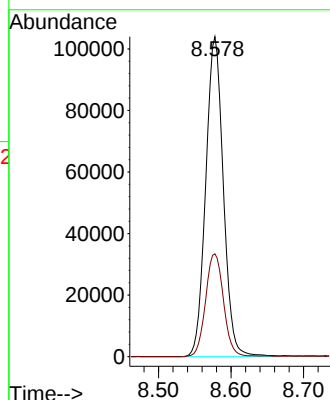
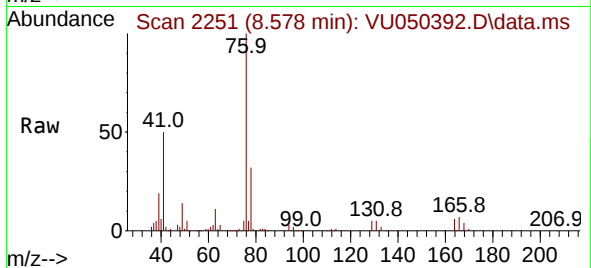
78 32.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#54

2-Hexanone

Concen: 53.955 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. -0.019 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

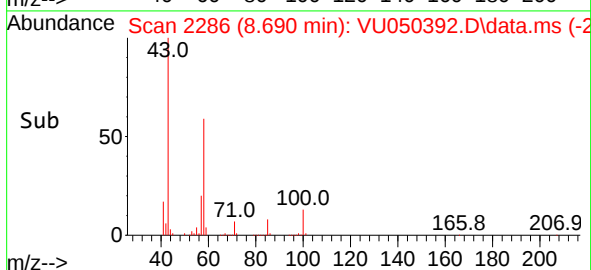
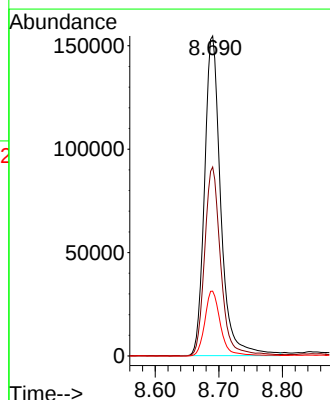
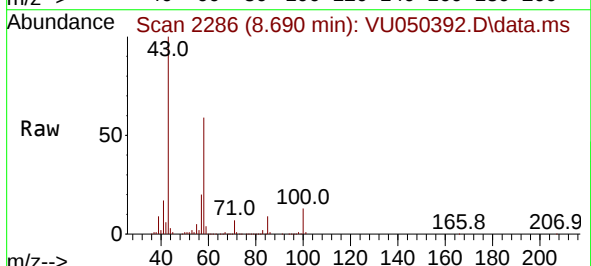
Tgt Ion: 43 Resp: 274537

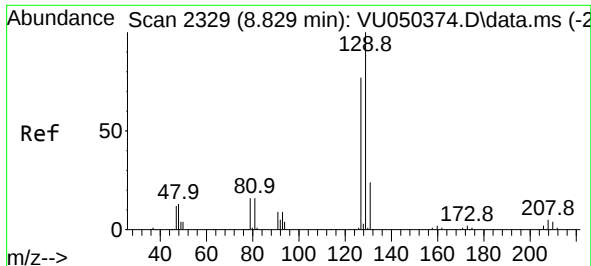
Ion Ratio Lower Upper

43 100

58 58.8 37.1 77.1

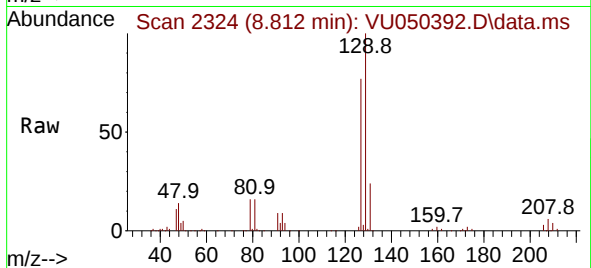
57 19.6 0.0 39.5





#55
Dibromochloromethane
Concen: 10.764 ug/l
RT: 8.812 min Scan# 21
Delta R.T. -0.016 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

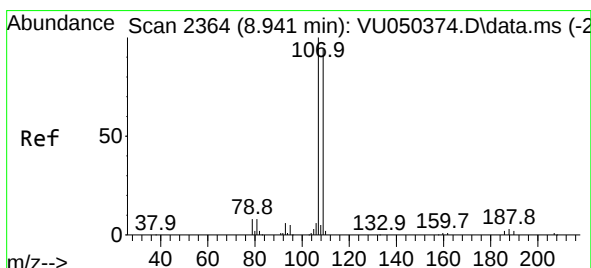
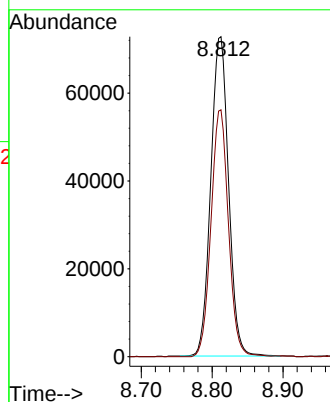
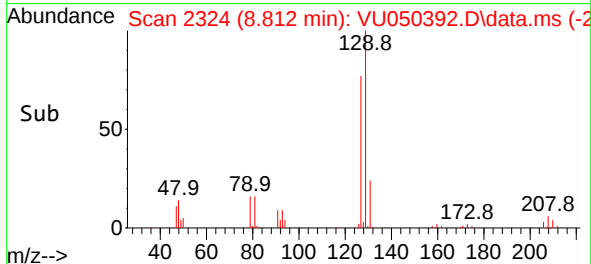
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:129 Resp: 12667
Ion Ratio Lower Upper
129 100
127 75.8 61.2 91.8

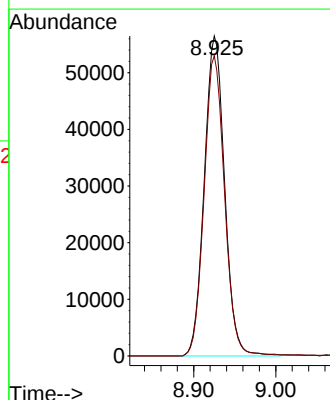
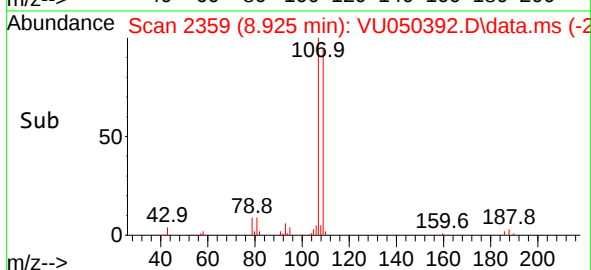
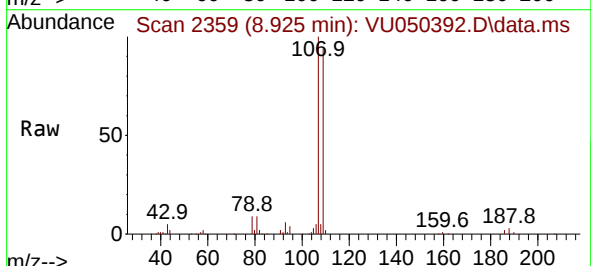
Manual Integrations
APPROVED

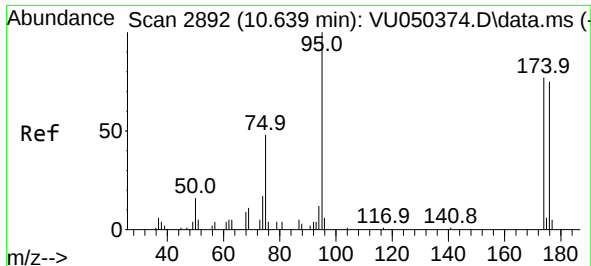
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#56
1,2-Dibromoethane
Concen: 10.127 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. -0.016 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

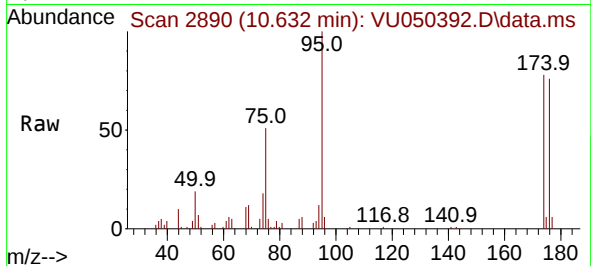
Tgt Ion:107 Resp: 97302
Ion Ratio Lower Upper
107 100
109 93.8 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 1.315 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.007 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

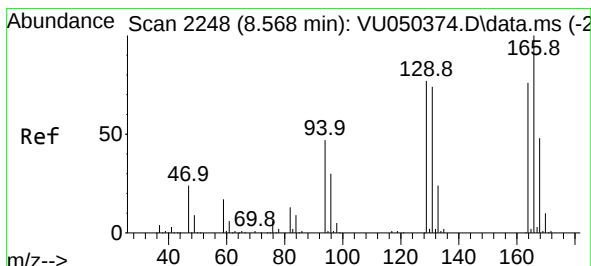
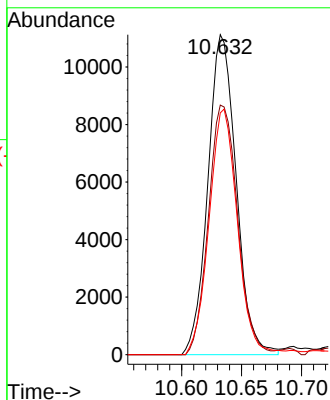
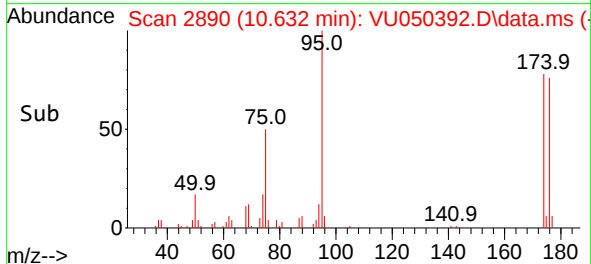
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 95 Resp: 18240
Ion Ratio Lower Upper
95 100
174 80.6 62.4 93.6
176 76.9 56.2 84.2

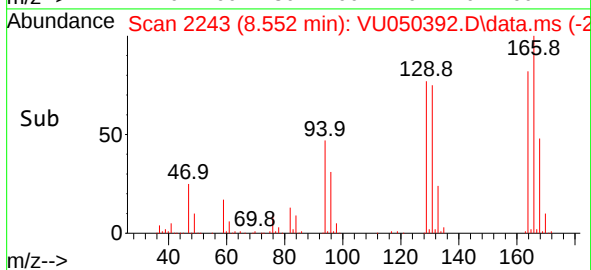
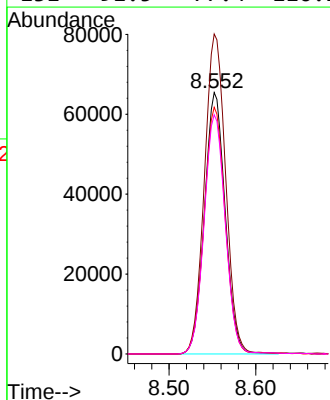
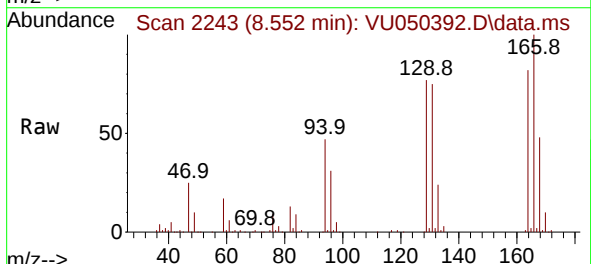
Manual Integrations
APPROVED

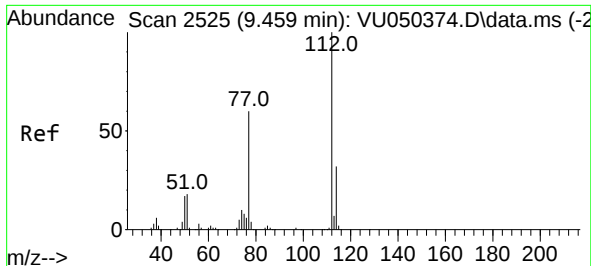
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#58
Tetrachloroethene
Concen: 9.614 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.016 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion:164 Resp: 109107
Ion Ratio Lower Upper
164 100
166 122.4 102.4 153.6
129 94.4 79.5 119.3
131 91.5 77.4 116.2





#59

Chlorobenzene

Concen: 10.944 ug/l

RT: 9.449 min Scan# 2525

Delta R.T. -0.010 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:112 Resp: 31920

Ion Ratio Lower Upper

112 100

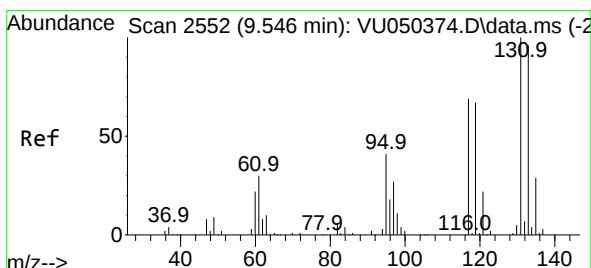
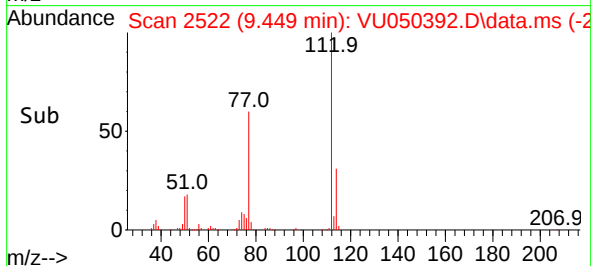
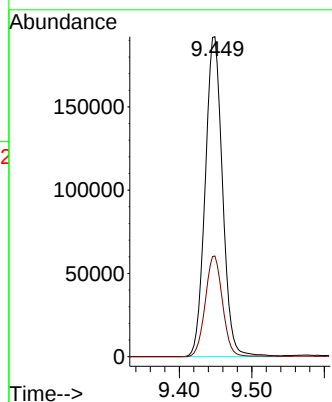
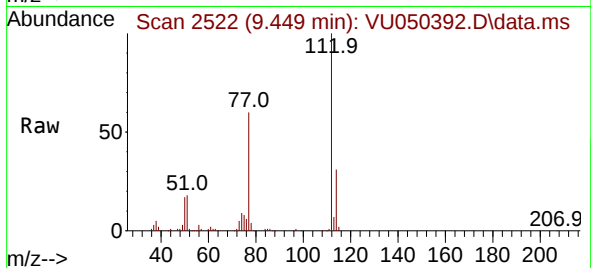
114 31.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 10.427 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. -0.010 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

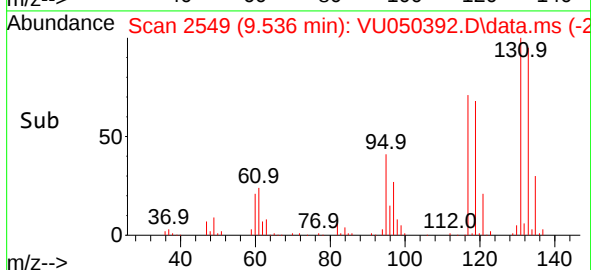
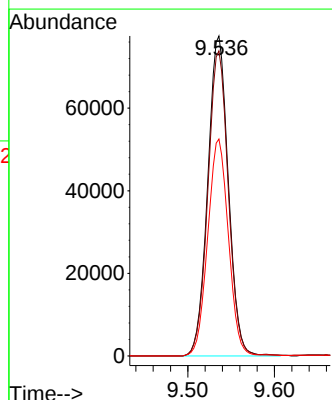
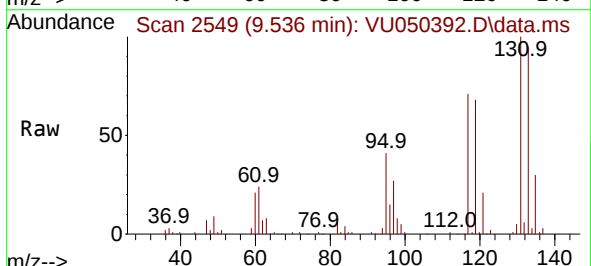
Tgt Ion:131 Resp: 127826

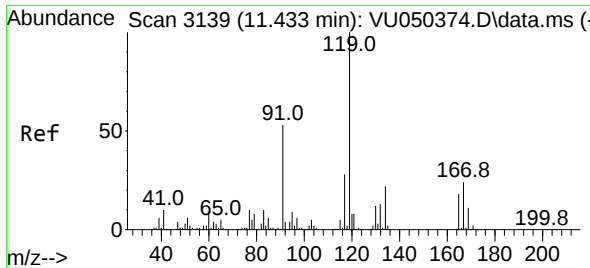
Ion Ratio Lower Upper

131 100

133 94.7 78.3 117.5

119 68.3 53.2 79.8





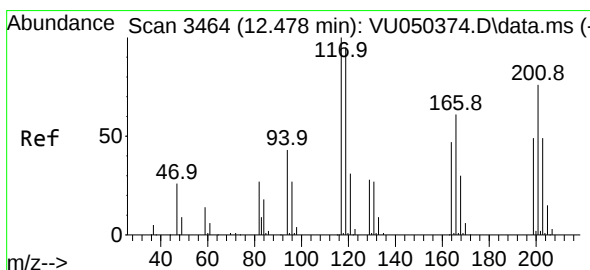
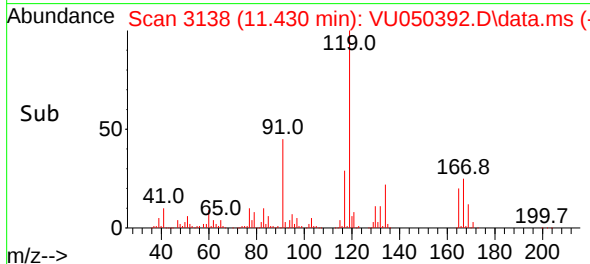
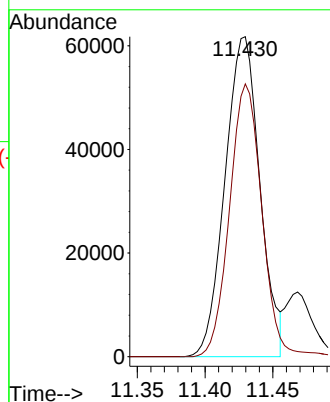
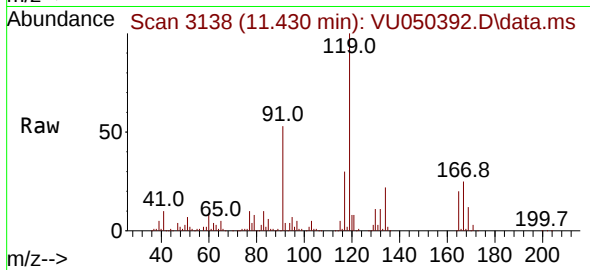
#61
Pentachloroethane
Concen: 10.832 ug/l
RT: 11.430 min Scan# 3139
Delta R.T. -0.003 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 110508
Ion Ratio Lower Upper
117 100
167 79.2 66.2 99.4

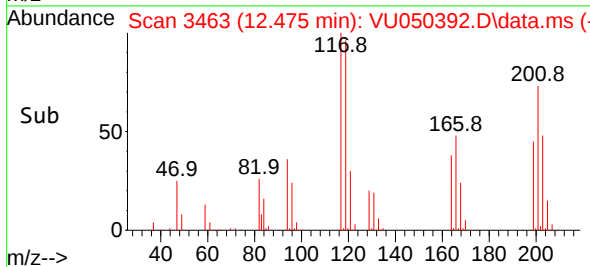
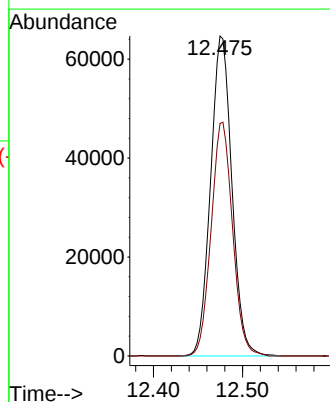
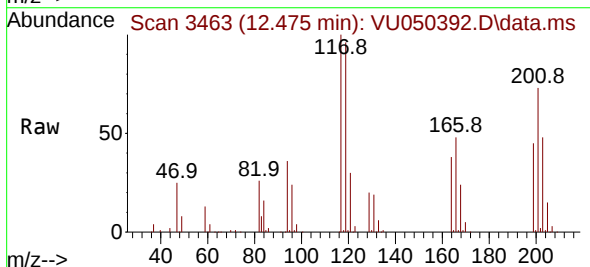
Manual Integrations
APPROVED

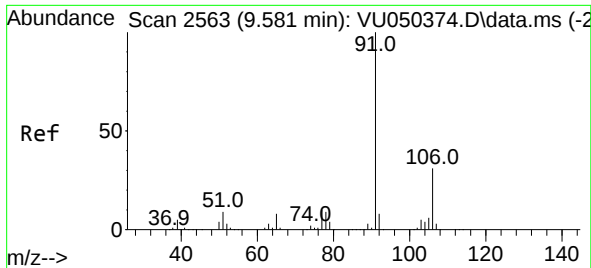
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#62
Hexachloroethane
Concen: 12.689 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion:117 Resp: 107682
Ion Ratio Lower Upper
117 100
201 73.4 61.0 91.4





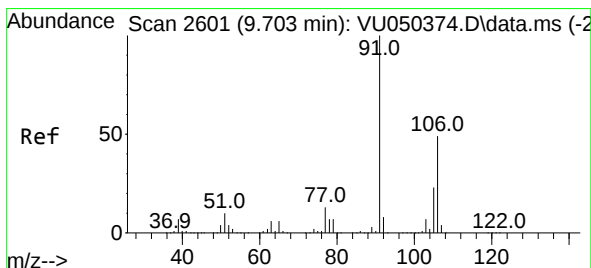
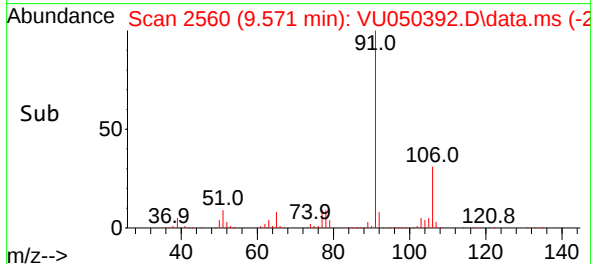
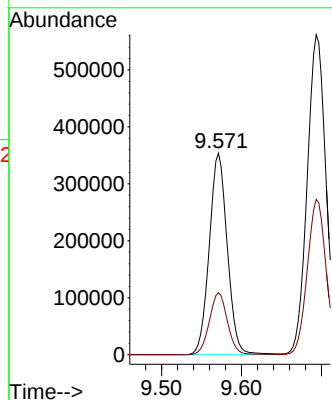
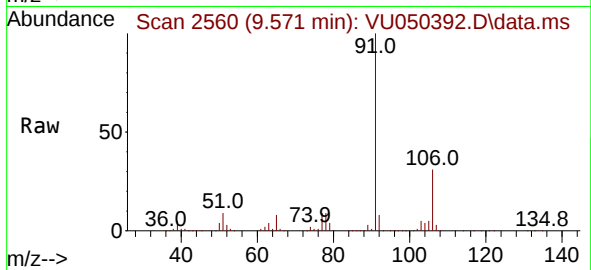
#63
Ethyl Benzene
Concen: 9.425 ug/l
RT: 9.571 min Scan# 2563
Delta R.T. -0.010 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 554172
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6

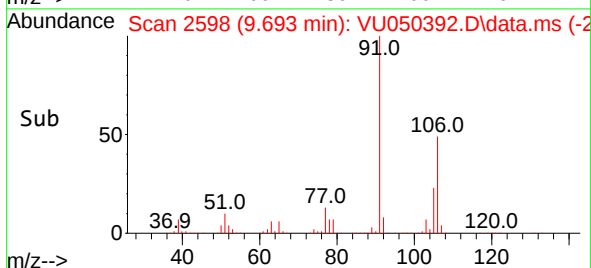
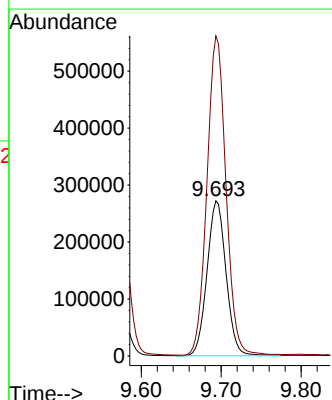
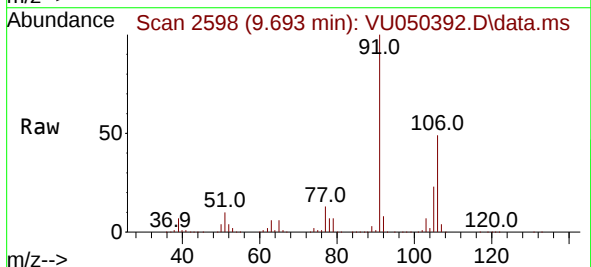
Manual Integrations
APPROVED

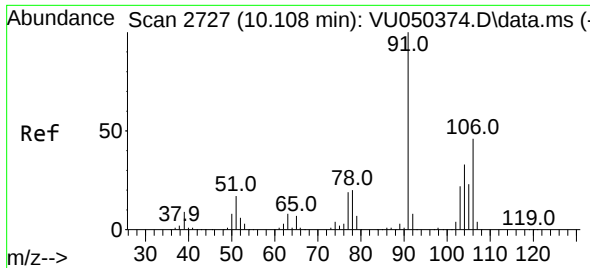
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#64
m/p-Xylenes
Concen: 19.247 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. -0.010 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion:106 Resp: 449884
Ion Ratio Lower Upper
106 100
91 205.7 167.8 251.6





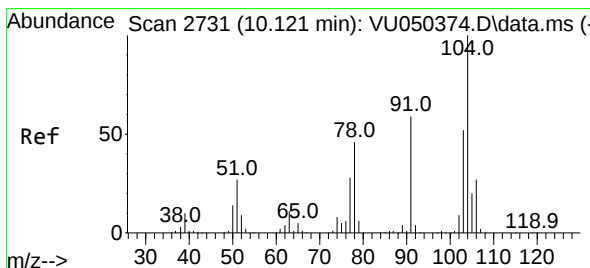
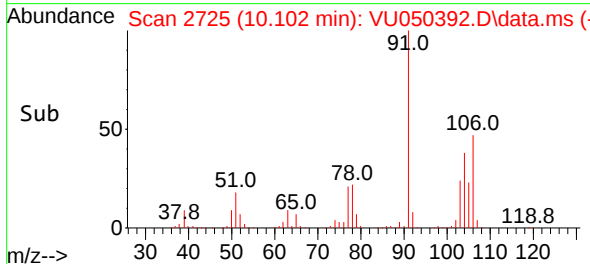
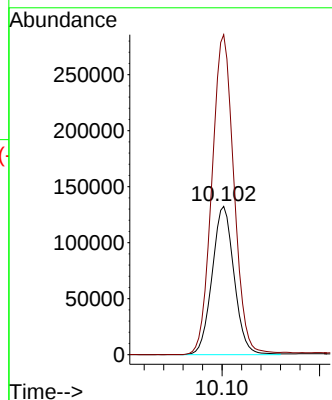
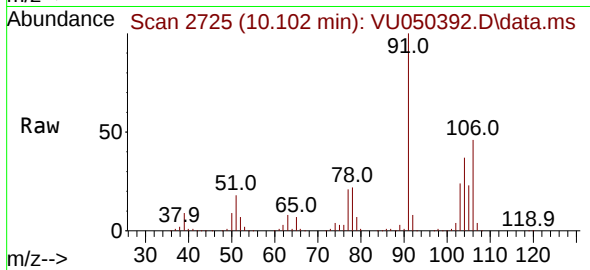
#65
o-Xylene
Concen: 9.540 ug/l
RT: 10.102 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 20753
Ion Ratio Lower Upper
106 100
91 216.5 111.1 333.2

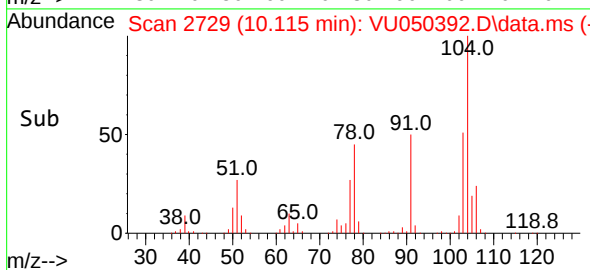
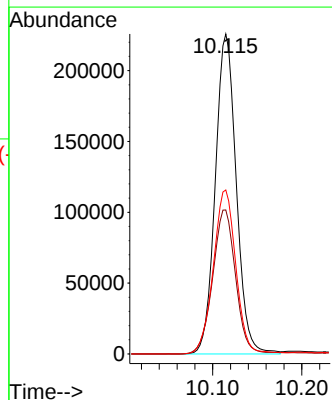
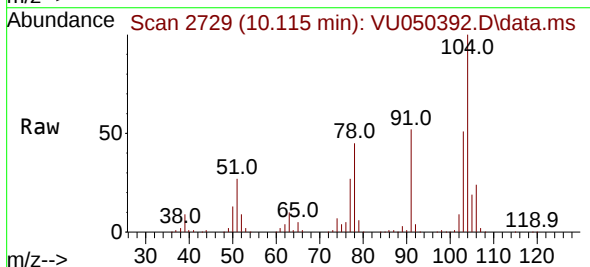
Manual Integrations
APPROVED

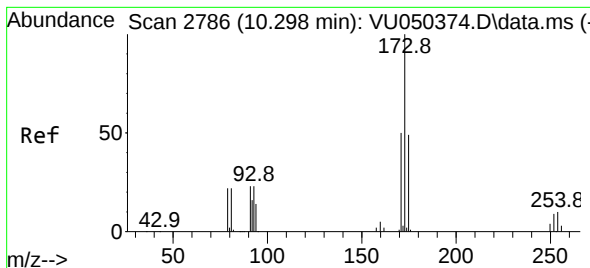
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#66
Styrene
Concen: 9.544 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.006 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion:104 Resp: 369872
Ion Ratio Lower Upper
104 100
78 49.3 42.1 63.1
103 55.3 44.5 66.7





#67

Bromoform

Concen: 11.224 ug/l

RT: 10.291 min Scan# 2784

Delta R.T. -0.007 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

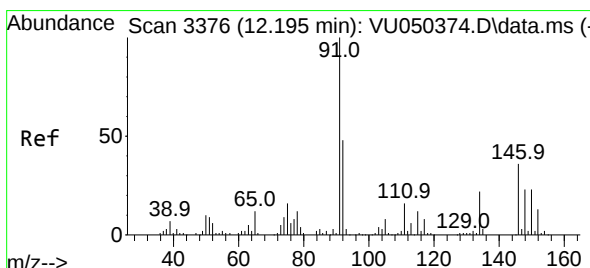
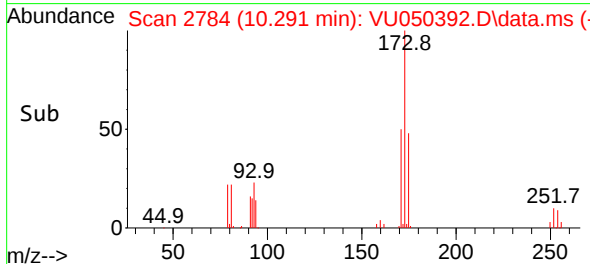
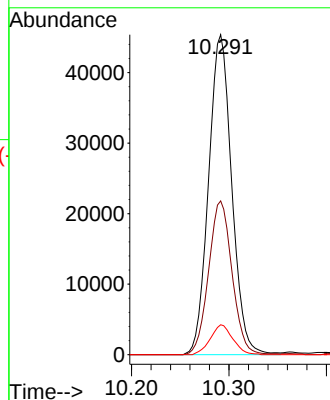
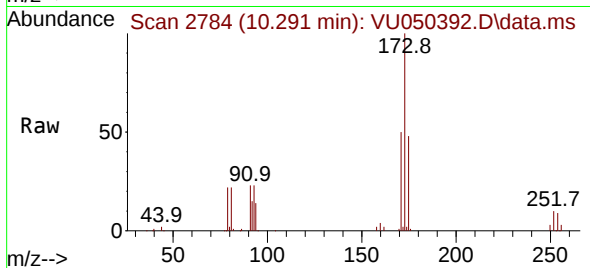
Tgt Ion:	173	Resp:	7501
Ion Ratio	Lower	Upper	
173	100		
175	48.6	38.4	57.6
254	9.1	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#68

1,2-Dichlorobenzene-d4

Concen: 0.984 ug/l

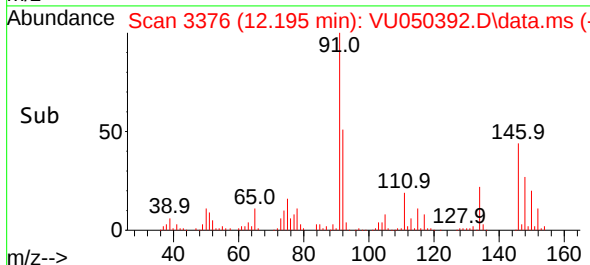
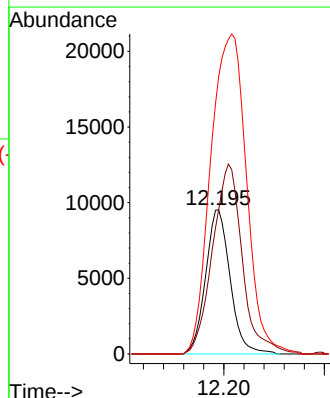
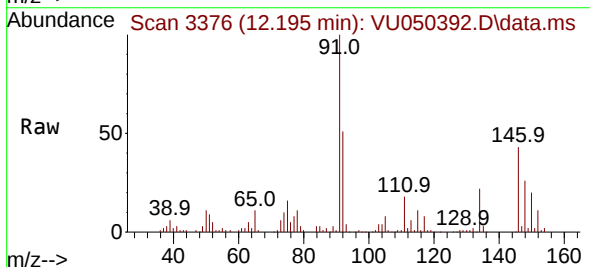
RT: 12.195 min Scan# 3376

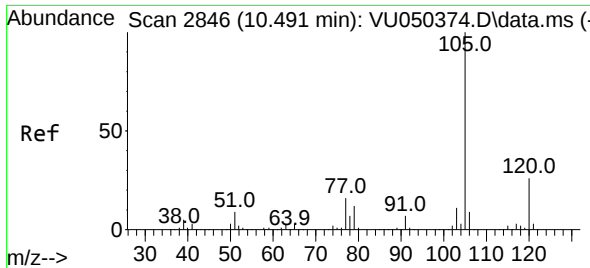
Delta R.T. -0.000 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Tgt Ion:	152	Resp:	16142
Ion Ratio	Lower	Upper	
152	100		
115	159.5	0.0	254.6
150	322.8	0.0	623.6





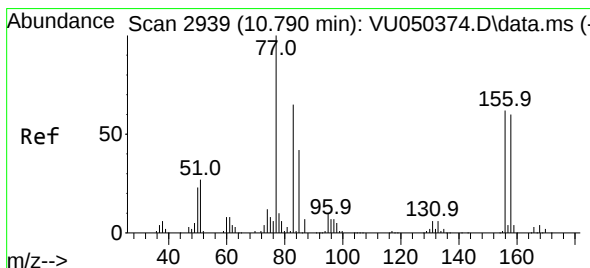
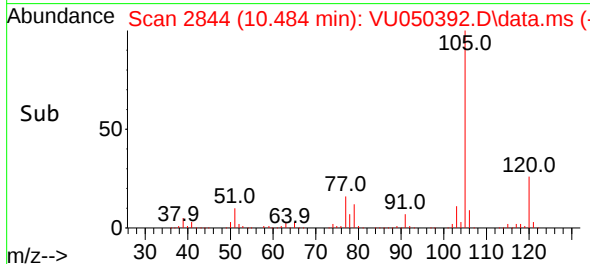
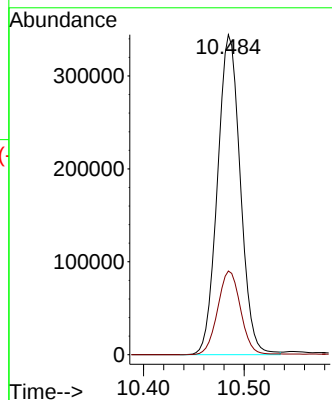
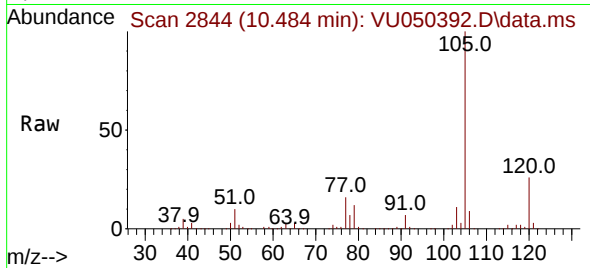
#69
Isopropylbenzene
Concen: 9.458 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.007 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 543440
Ion Ratio Lower Upper
105 100
120 26.4 12.6 37.8

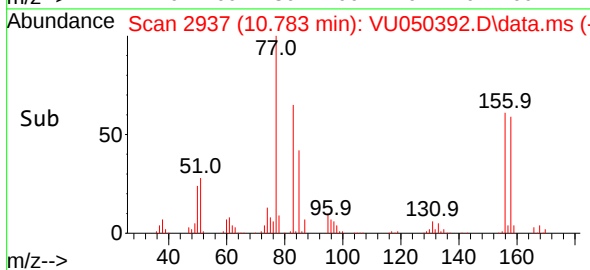
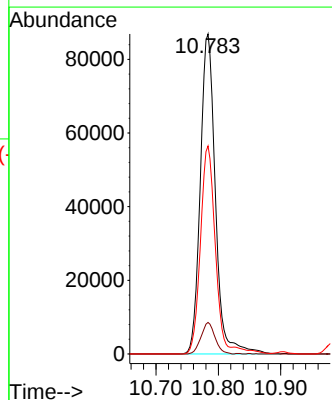
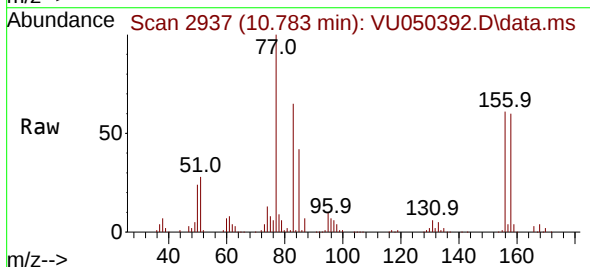
Manual Integrations
APPROVED

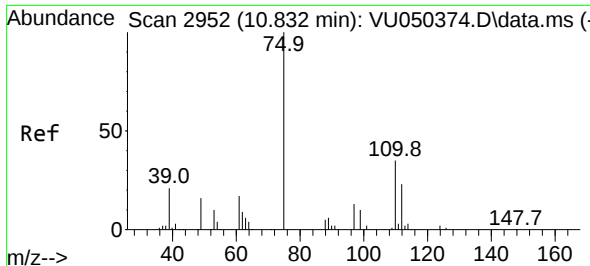
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 9.947 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.007 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

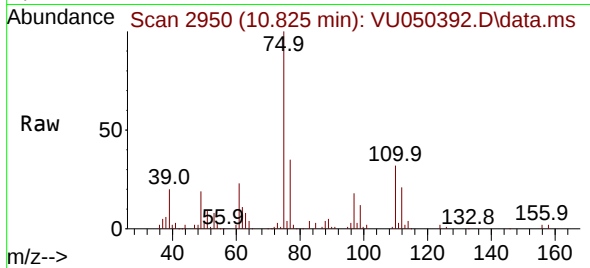
Tgt Ion: 83 Resp: 146440
Ion Ratio Lower Upper
83 100
131 9.1 7.7 11.5
85 65.1 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 9.160 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. -0.007 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

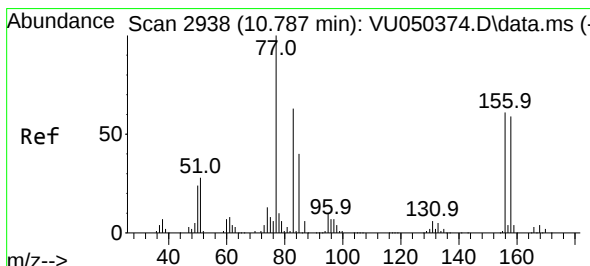
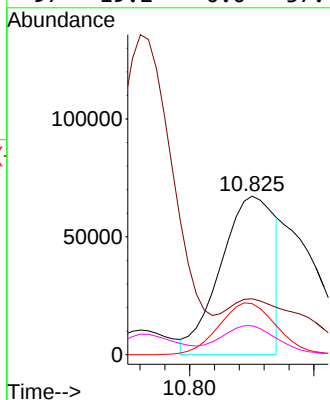
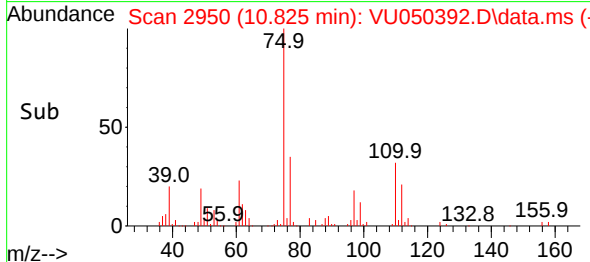
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



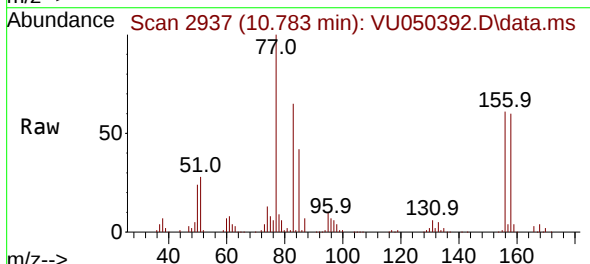
Tgt Ion: 75 Resp: 101412
Ion Ratio Lower Upper
75 100
77 52.2 0.0 112.4
110 35.3 0.0 70.6
97 19.2 0.0 37.4

Manual Integrations
APPROVED

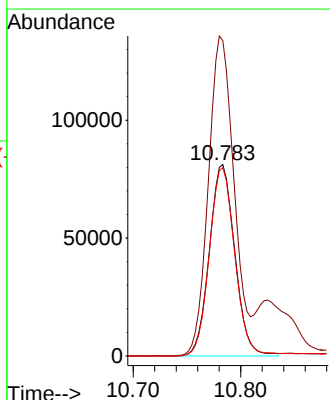
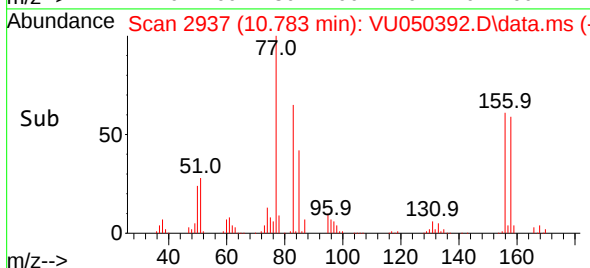
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

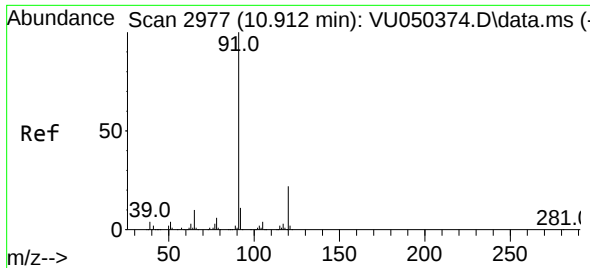


#72
Bromobenzene
Concen: 10.625 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52



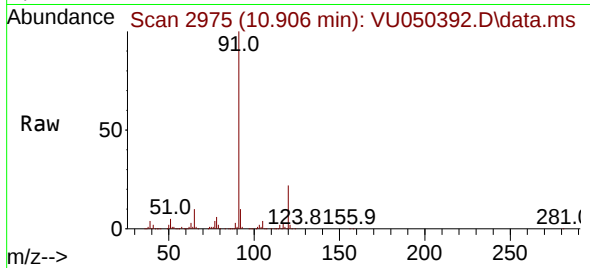
Tgt Ion:156 Resp: 133794
Ion Ratio Lower Upper
156 100
77 167.7 0.0 344.4
158 98.7 0.0 192.2





#73
n-propylbenzene
Concen: 9.274 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.006 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

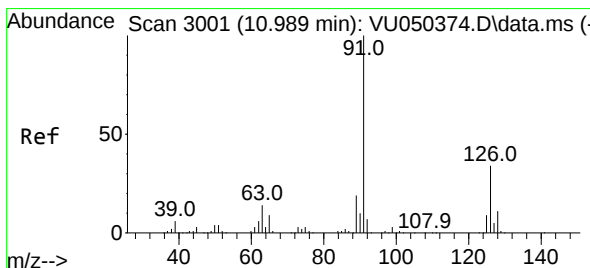
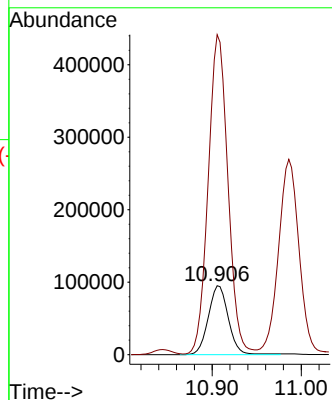
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:120 Resp: 14857
Ion Ratio Lower Upper
120 100
91 455.0 367.8 551.6

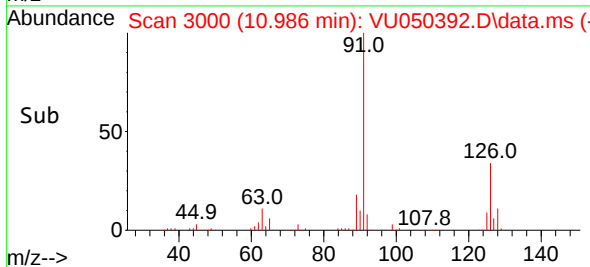
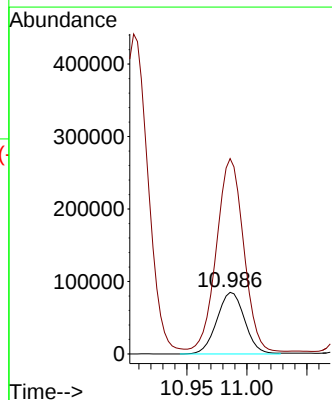
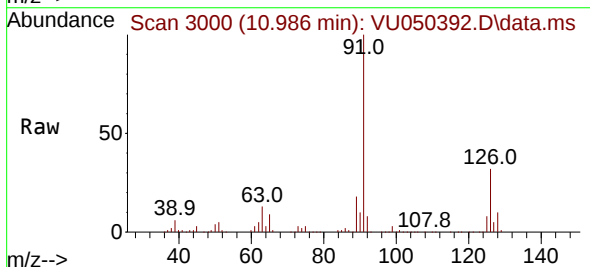
Manual Integrations
APPROVED

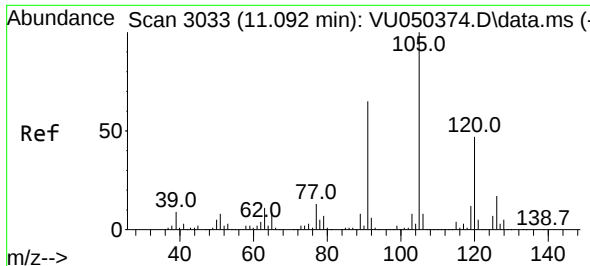
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#74
2-Chlorotoluene
Concen: 9.405 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.003 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

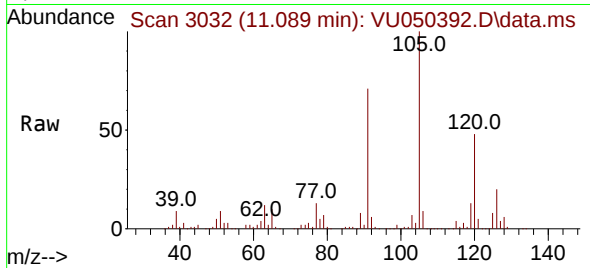
Tgt Ion:126 Resp: 136759
Ion Ratio Lower Upper
126 100
91 306.6 0.0 620.6





#75
1,3,5-Trimethylbenzene
Concen: 9.626 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

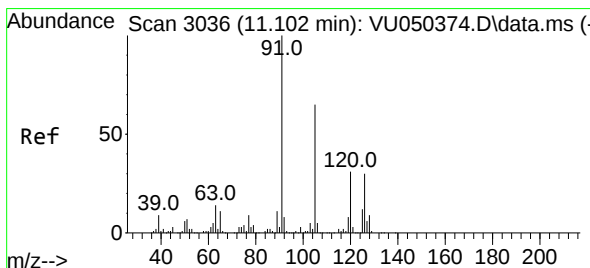
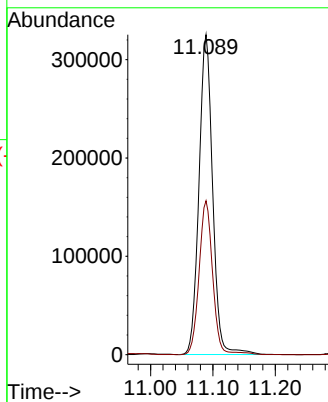
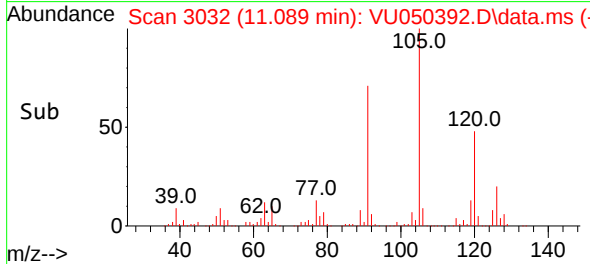
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



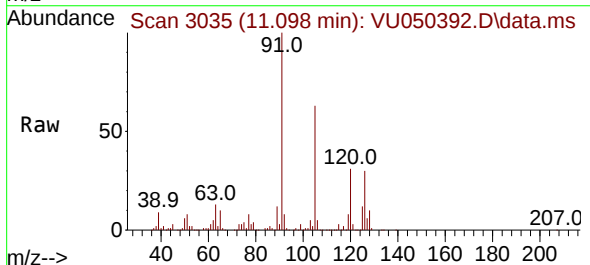
Tgt Ion:105 Resp: 49525
Ion Ratio Lower Upper
105 100
120 48.1 37.6 56.4

Manual Integrations
APPROVED

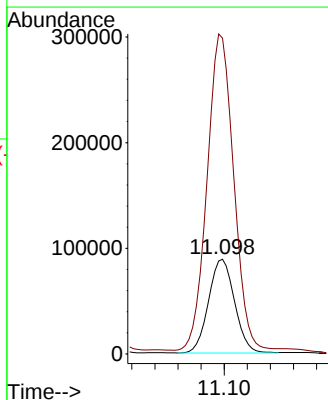
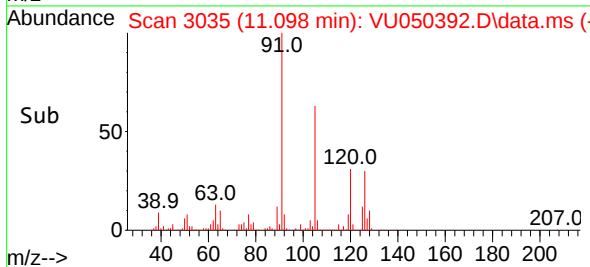
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

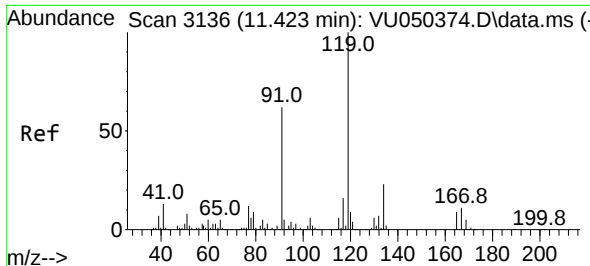


#76
4-Chlorotoluene
Concen: 9.143 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.004 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52



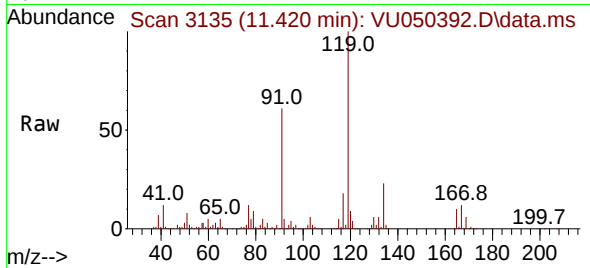
Tgt Ion:126 Resp: 138485
Ion Ratio Lower Upper
126 100
91 364.7 0.0 738.8





#77
tert-Butylbenzene
Concen: 9.585 ug/l
RT: 11.420 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

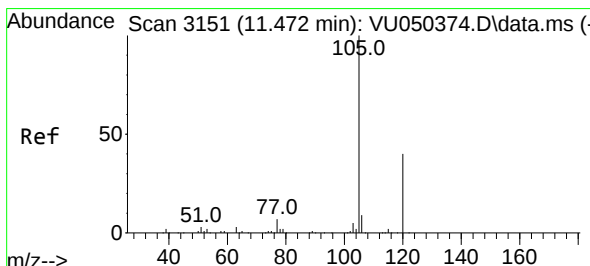
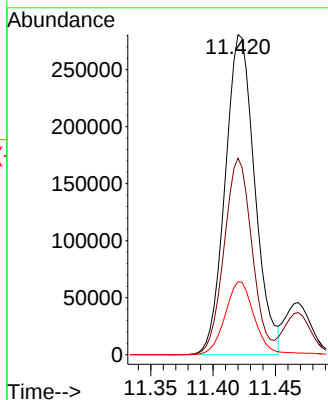
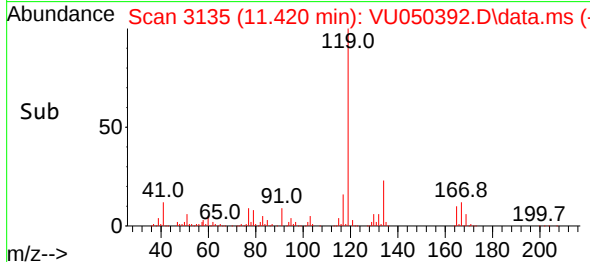
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



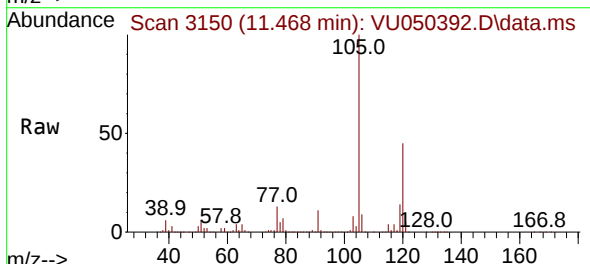
Tgt Ion:119 Resp: 46425
Ion Ratio Lower Upper
119 100
91 58.0 30.4 91.3
134 22.7 17.8 26.6

Manual Integrations
APPROVED

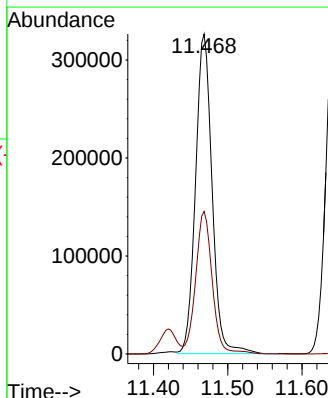
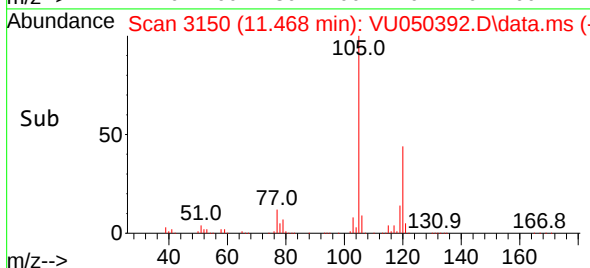
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

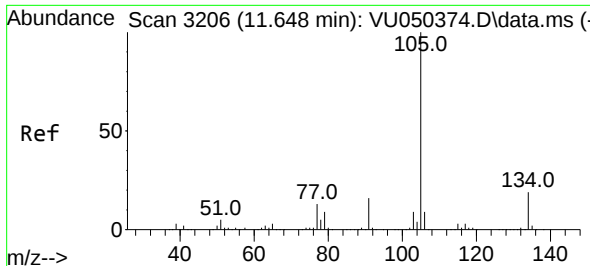


#78
1,2,4-Trimethylbenzene
Concen: 9.426 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.004 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52



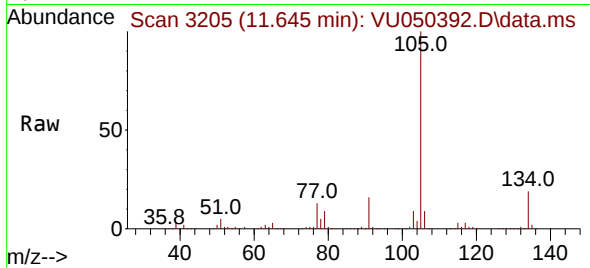
Tgt Ion:105 Resp: 506453
Ion Ratio Lower Upper
105 100
120 44.7 21.6 65.0





#79
 sec-Butylbenzene
 Concen: 9.400 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU050392.D
 Acq: 22 Aug 2022 09:52

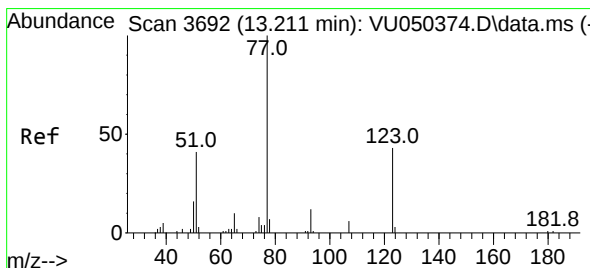
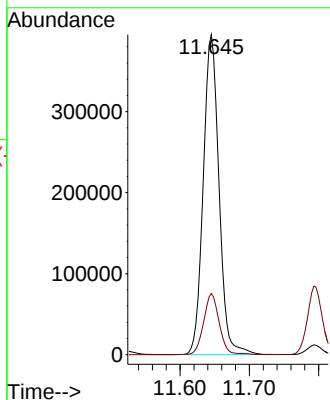
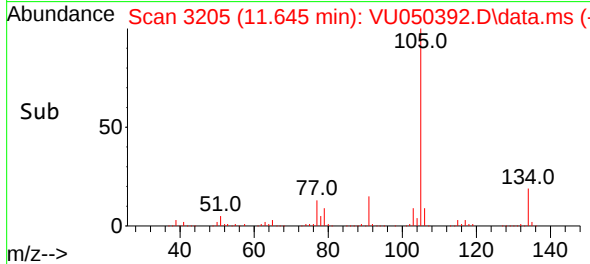
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



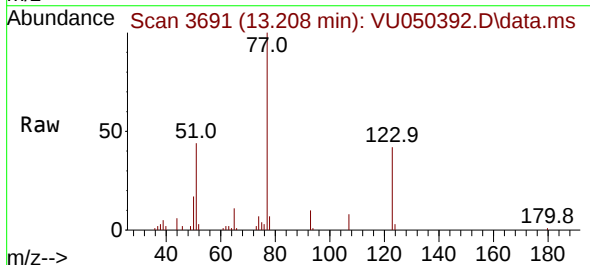
Tgt Ion:105 Resp: 622249
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.4 23.0

Manual Integrations
 APPROVED

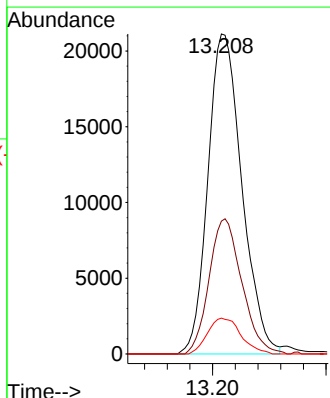
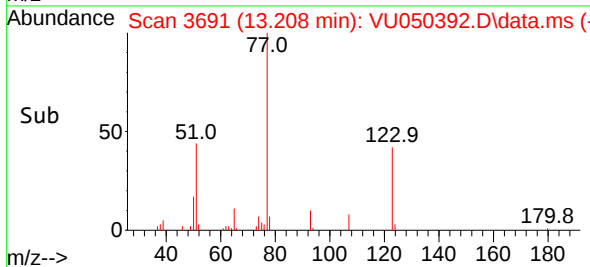
Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 09/12/2022

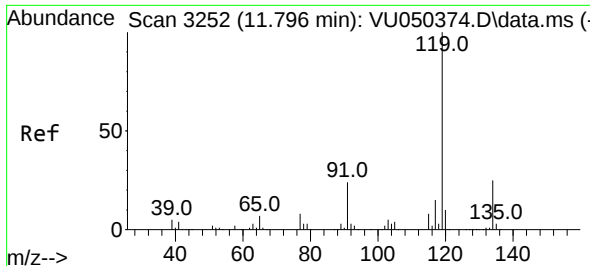


#80
 Nitrobenzene
 Concen: 54.971 ug/l m
 RT: 13.208 min Scan# 3691
 Delta R.T. -0.003 min
 Lab File: VU050392.D
 Acq: 22 Aug 2022 09:52



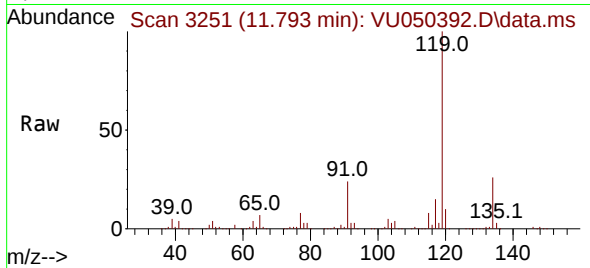
Tgt Ion: 77 Resp: 43905
 Ion Ratio Lower Upper
 77 100
 123 40.7 18.1 64.3
 65 11.0 10.8 13.8





#81
p-Isopropyltoluene
Concen: 9.311 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. -0.003 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

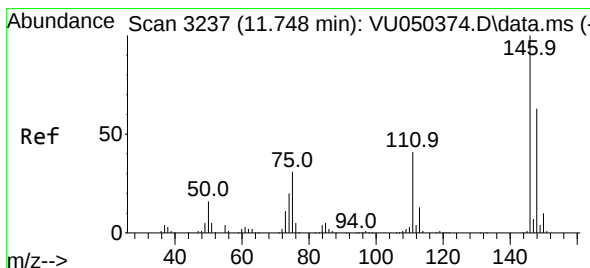
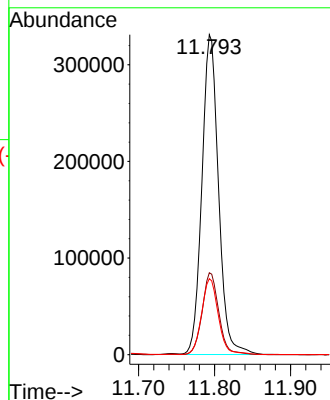
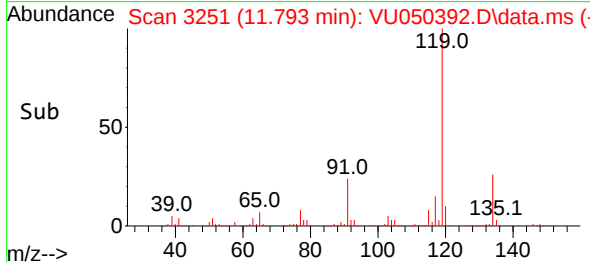
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



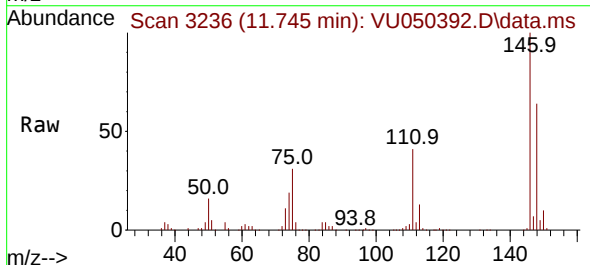
Tgt Ion:119 Resp: 502999
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 23.8 19.8 29.6

Manual Integrations
APPROVED

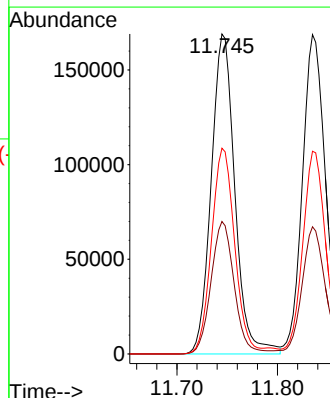
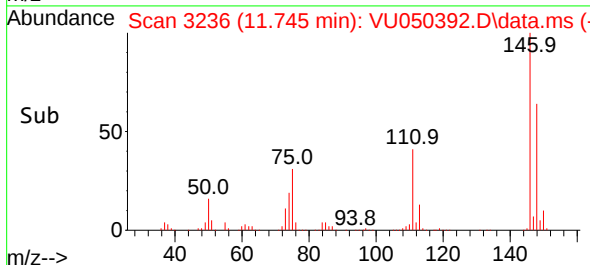
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

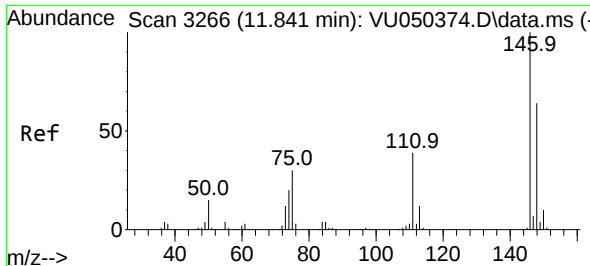


#82
1,3-Dichlorobenzene
Concen: 10.630 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52



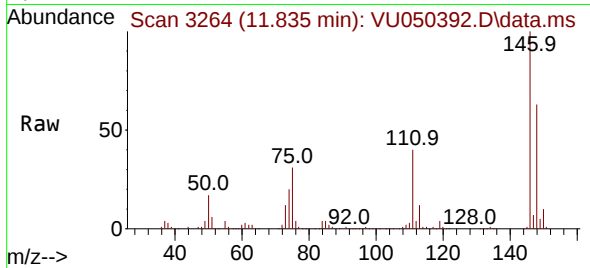
Tgt Ion:146 Resp: 275604
Ion Ratio Lower Upper
146 100
111 40.7 33.4 50.2
148 63.4 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 10.810 ug/l
RT: 11.835 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

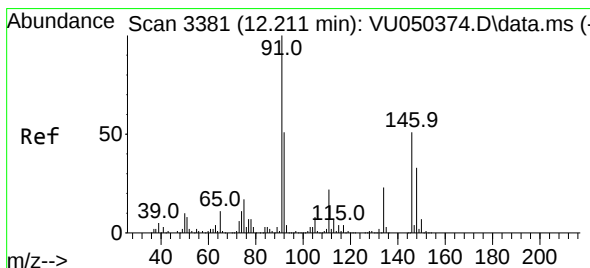
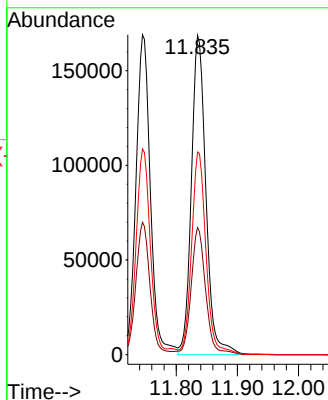
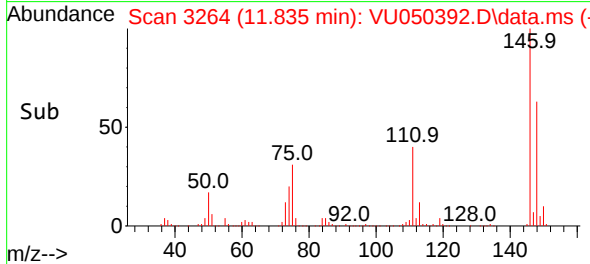
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 278640
Ion Ratio Lower Upper
146 100
111 39.4 32.6 49.0
148 62.8 51.6 77.4

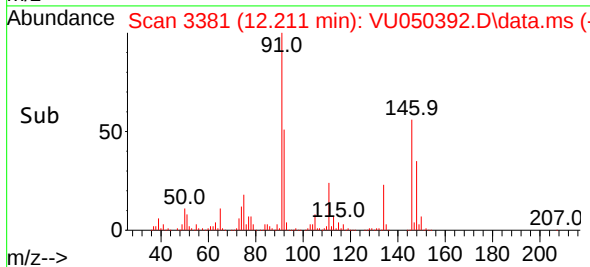
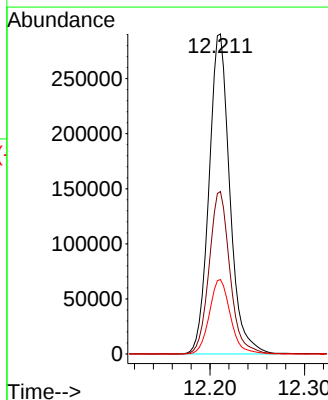
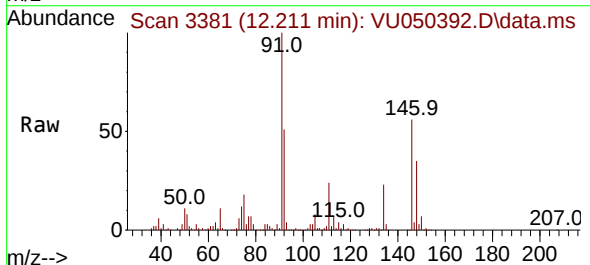
Manual Integrations
APPROVED

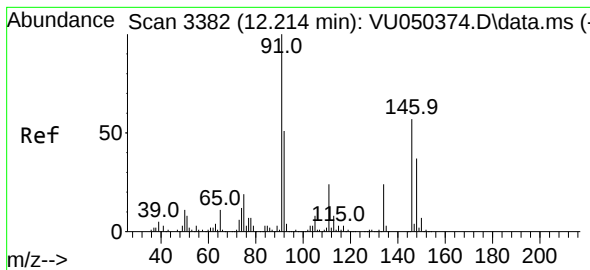
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#84
n-Butylbenzene
Concen: 9.003 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion: 91 Resp: 444086
Ion Ratio Lower Upper
91 100
92 50.9 42.3 63.5
134 23.5 19.6 29.4





#85

1,2-Dichlorobenzene

Concen: 10.593 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. -0.003 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 270010

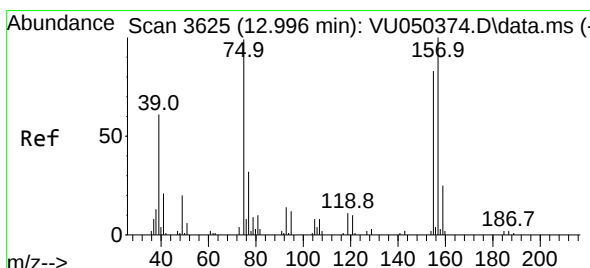
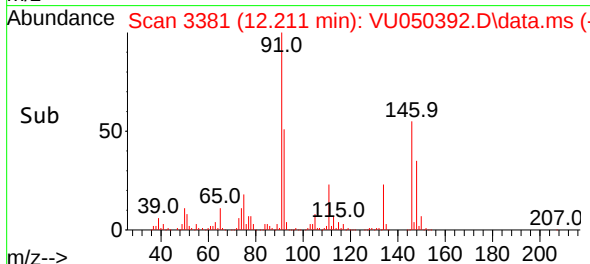
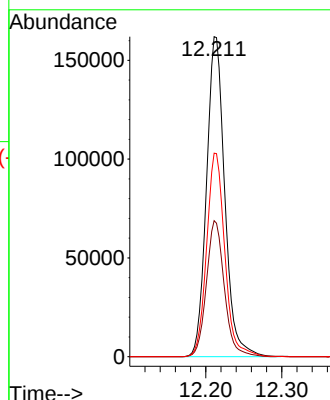
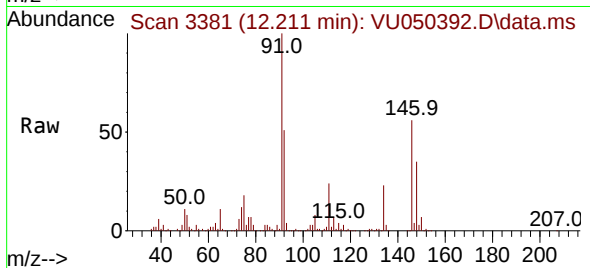
Ion	Ratio	Lower	Upper
146	100		
111	41.8	22.1	66.1
148	63.6	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#86

1,2-Dibromo-3-Chloropropane

Concen: 10.678 ug/l

RT: 12.996 min Scan# 3625

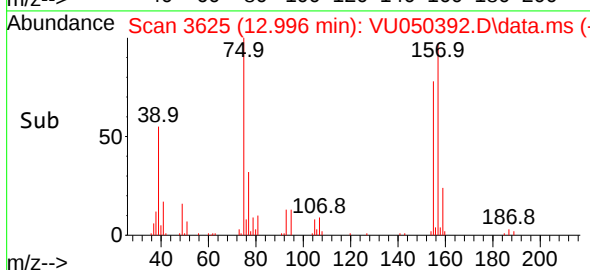
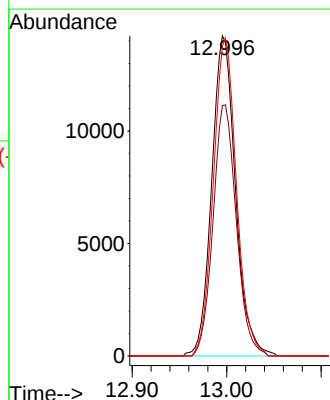
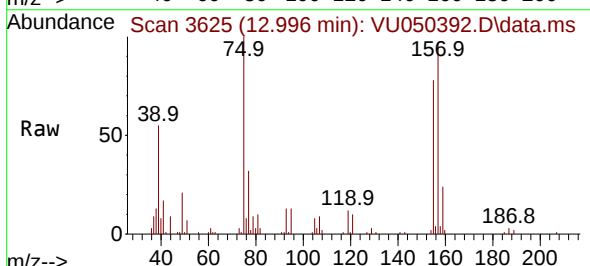
Delta R.T. -0.000 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Tgt Ion: 75 Resp: 24807

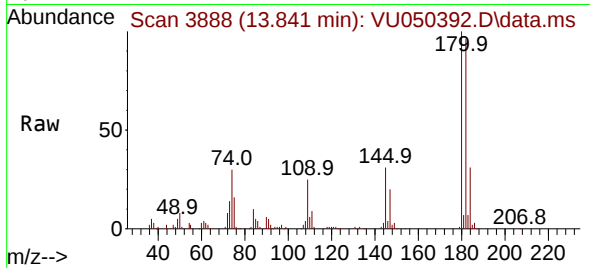
Ion	Ratio	Lower	Upper
75	100		
155	76.9	66.8	100.2
157	96.7	83.8	125.8





#87
1,2,4-Trichlorobenzene
Concen: 10.339 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

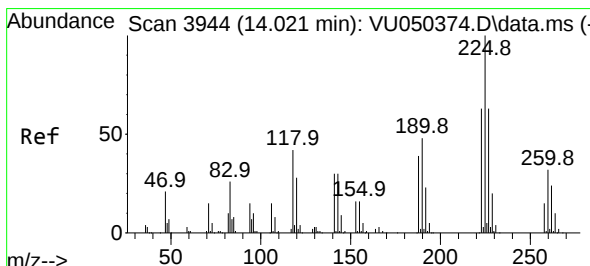
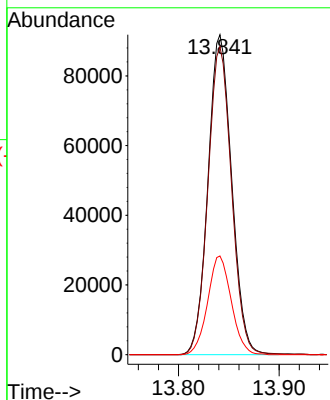
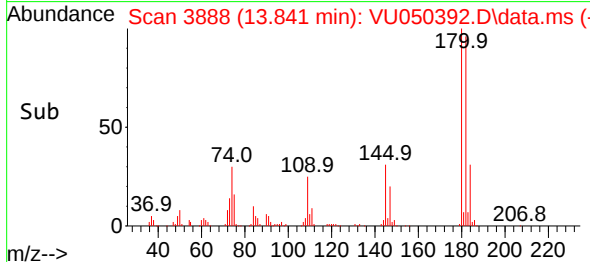
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



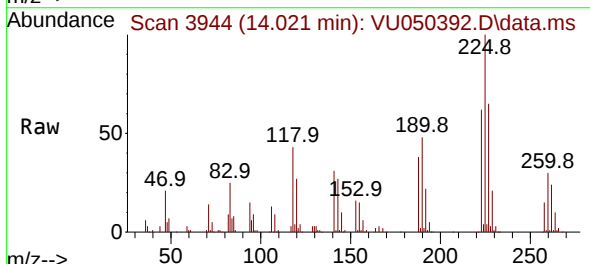
Tgt Ion:180 Resp: 150350
Ion Ratio Lower Upper
180 100
182 95.8 77.0 115.6
145 30.7 25.7 38.5

Manual Integrations
APPROVED

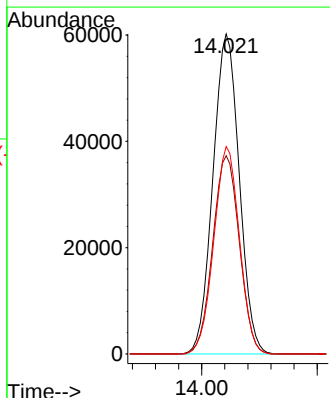
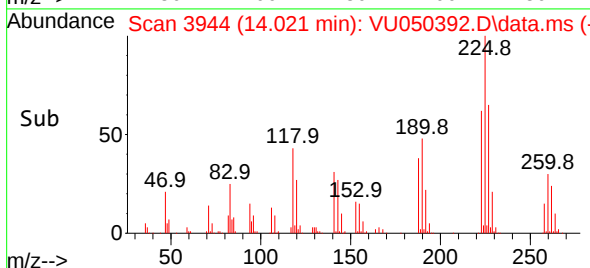
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

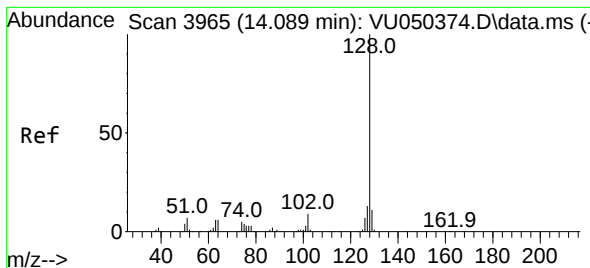


#88
Hexachlorobutadiene
Concen: 10.069 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. -0.000 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52



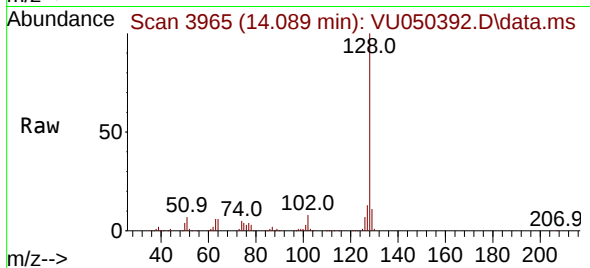
Tgt Ion:225 Resp: 95301
Ion Ratio Lower Upper
225 100
223 62.7 50.6 76.0
227 63.2 50.7 76.1





#89
Naphthalene
Concen: 8.024 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

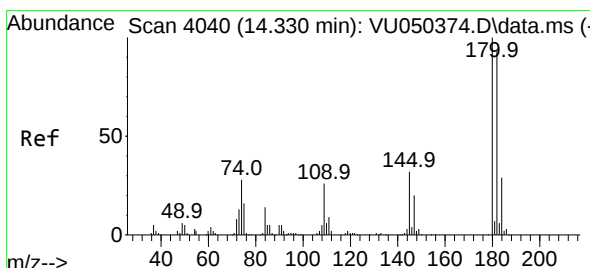
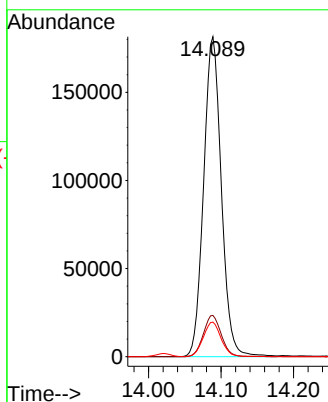
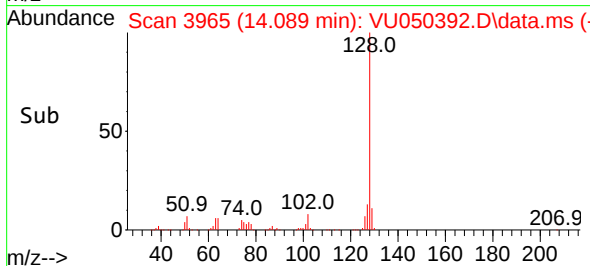
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



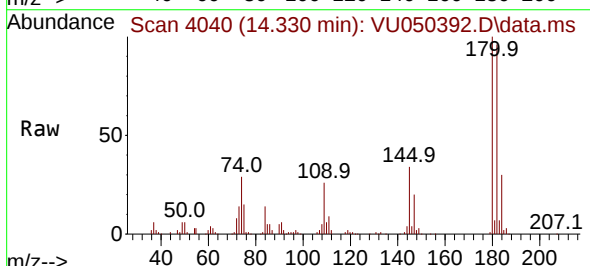
Tgt Ion:128 Resp: 308149
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#90
1,2,3-Trichlorobenzene
Concen: 8.392 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52



Tgt Ion:180 Resp: 156109
Ion Ratio Lower Upper
180 100
182 95.2 76.6 114.8
145 33.3 27.3 40.9

