

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081922\
 Data File : VU050370.D
 Acq On : 19 Aug 2022 11:23
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/30/2022
 Supervised By :Mahesh Dadoda 09/09/2022

Quant Time: Aug 19 14:04:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Aug 19 14:03:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.150	96	32780	1.000	ug/l	# 0.04
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.645	95	9563	0.841	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	11368	0.891	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	6824	0.543	ug/l	97
3) Chloromethane	1.520	50	9207	0.598	ug/l	95
4) Vinyl Chloride	1.604	62	6457	0.478	ug/l	91
5) Bromomethane	1.854	94	3021	0.526	ug/l	92
6) Chloroethane	1.935	64	4206	0.500	ug/l	91
7) Trichlorofluoromethane	2.141	101	8232	0.520	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.597	101	5133	0.599	ug/l	92
9) 1,1-Dichloroethene	2.597	96	4503	0.500	ug/l	95
11) Allyl Chloride	2.951	41	7439	0.505	ug/l	98
12) Acrylonitrile	3.353	53	2359	0.799	ug/l	92
13) Acetone	2.655	43	5214m	2.481	ug/l	
14) Carbon Disulfide	2.813	76	15407	0.505	ug/l	97
15) Methylene Chloride	3.067	84	8496	0.687	ug/l	91
16) trans-1,2-Dichloroethene	3.378	96	4701	0.479	ug/l	93
17) 1,1-Dichloroethane	3.903	63	10287	0.519	ug/l	98
18) 2-Butanone	4.771	43	6653	2.029	ug/l	96
19) Cyclohexane	5.372	56	7256m	0.616	ug/l	
20) Methylcyclohexane	6.812	83	4968	0.441	ug/l	93
21) 2,2-Dichloropropane	4.684	77	8772	0.596	ug/l	95
22) cis-1,2-Dichloroethene	4.690	96	5392	0.502	ug/l	90
23) Diethyl Ether	2.388	59	3938	0.486	ug/l	96
25) Methyl tert-Butyl Ether	3.401	73	12659	0.498	ug/l	94
26) Bromochloromethane	4.989	128	2158	0.449	ug/l	92
27) Chloroform	5.099	83	10053	0.536	ug/l	95
28) 1,1,1-Trichloroethane	5.314	97	8629	0.575	ug/l	97
29) 1,1-Dichloropropene	5.513	75	7119	0.614	ug/l	94
30) Carbon Tetrachloride	5.510	117	6823	0.560	ug/l	97
31) Isopropyl Ether	4.047	45	16798	0.552	ug/l	96
32) Ethyl-t-butyl ether	4.549	59	11561	0.473	ug/l	100
33) Tert-Amyl methyl ether	5.989	73	6784	0.418	ug/l #	91
34) Propionitrile	4.838	54	2197m	1.985	ug/l	
35) Benzene	5.774	78	18845	0.490	ug/l	91
36) 1,2-Dichloroethane	5.809	62	6153	0.511	ug/l	100
37) Trichloroethene	6.597	130	4719	0.506	ug/l	96
38) 1,2-Dichloropropane	6.848	63	5002	0.476	ug/l	95
39) Methacrylonitrile	5.009	41	2013	0.562	ug/l #	88
40) Methyl acrylate	4.886	55	3199	0.510	ug/l #	88
41) Tetrahydrofuran	5.099	42	1837m	0.943	ug/l	
42) 1-Chlorobutane	5.452	56	9617	0.581	ug/l	92
43) Dibromomethane	6.973	93	2791	0.481	ug/l	96
44) Bromodichloromethane	7.153	83	6496	0.481	ug/l	97
45) 4-Methyl-2-Pentanone	7.841	43	11587	1.871	ug/l #	96
46) t-1,4-Dichloro-2-butene	10.841	75	1746m	0.807	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	7.025	69	3175	0.681	ug/l	97
48) Ethyl methacrylate	8.365	69	3059	0.373	ug/l	91
49) Toluene	8.002	92	8362	0.392	ug/l	98
50) t-1,3-Dichloropropene	8.243	75	4542	0.410	ug/l	94
51) cis-1,3-Dichloropropene	7.645	75	5170	0.408	ug/l	91
52) 1,1,2-Trichloroethane	8.430	97	4099	0.475	ug/l	91
53) 1,3-Dichloropropane	8.603	76	6092	0.452	ug/l	97
54) 2-Hexanone	8.719	43	8386	1.954	ug/l	87
55) Dibromochloromethane	8.835	129	4699	0.508	ug/l	90
56) 1,2-Dibromoethane	8.951	107	3487	0.461	ug/l	94
58) Tetrachloroethene	8.574	164	4200	0.481	ug/l	96
59) Chlorobenzene	9.465	112	9831	0.426	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.552	131	4712	0.494	ug/l	98
61) Pentachloroethane	11.436	117	3759	0.477	ug/l	90
62) Hexachloroethane	12.478	117	2880	0.464	ug/l	98
63) Ethyl Benzene	9.587	91	13485	0.371	ug/l	99
64) m/p-Xylenes	9.709	106	9644	0.682	ug/l	97
65) o-Xylene	10.111	106	4611	0.337	ug/l	98
66) Styrene	10.127	104	7403	0.328	ug/l	98
67) Bromoform	10.304	173	2493	0.464	ug/l #	96
69) Isopropylbenzene	10.494	105	12248	0.350	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.793	83	5648	0.480	ug/l	94
71) 1,2,3-Trichloropropane	10.835	75	4308m	0.510	ug/l	
72) Bromobenzene	10.793	156	3992	0.409	ug/l	94
73) n-propylbenzene	10.912	120	3032	0.329	ug/l	91
74) 2-Chlorotoluene	10.992	126	3168	0.351	ug/l	93
75) 1,3,5-Trimethylbenzene	11.095	105	9962	0.326	ug/l	98
76) 4-Chlorotoluene	11.108	126	3016	0.334	ug/l	87
77) tert-Butylbenzene	11.426	119	10970	0.366	ug/l	90
78) 1,2,4-Trimethylbenzene	11.475	105	9805	0.311	ug/l	93
79) sec-Butylbenzene	11.648	105	12725	0.321	ug/l	97
80) Nitrobenzene	13.221	77	1318	1.852	ug/l #	91
81) p-Isopropyltoluene	11.799	119	9709	0.306	ug/l	98
82) 1,3-Dichlorobenzene	11.754	146	7903	0.398	ug/l	98
83) 1,4-Dichlorobenzene	11.841	146	7499	0.375	ug/l	98
84) n-Butylbenzene	12.214	91	10413	0.346	ug/l	93
85) 1,2-Dichlorobenzene	12.217	146	7935	0.400	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	761	0.404	ug/l #	77
87) 1,2,4-Trichlorobenzene	13.844	180	4506	0.389	ug/l	93
88) Hexachlorobutadiene	14.021	225	3337	0.487	ug/l	96
89) Naphthalene	14.092	128	10072	0.385	ug/l	98
90) 1,2,3-Trichlorobenzene	14.333	180	4459	0.374	ug/l	95

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

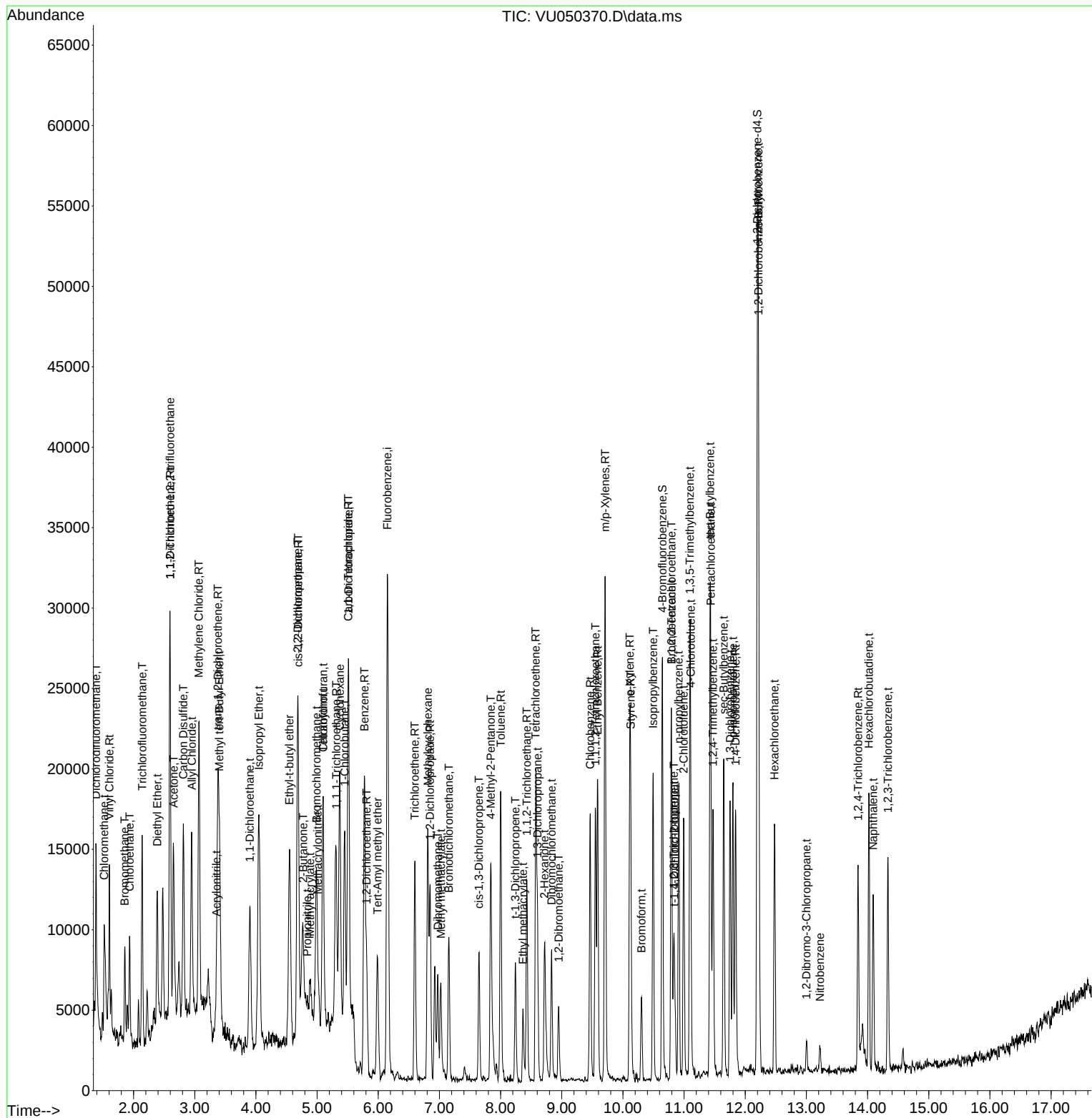
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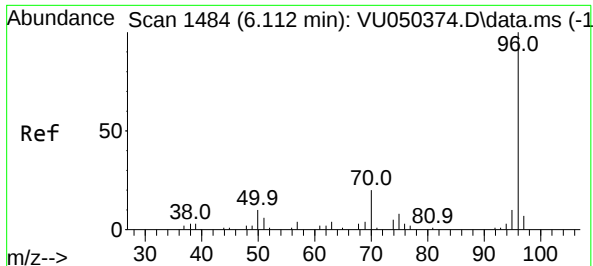
Instrument :
 MSVOA_U
 ClientSampleId :
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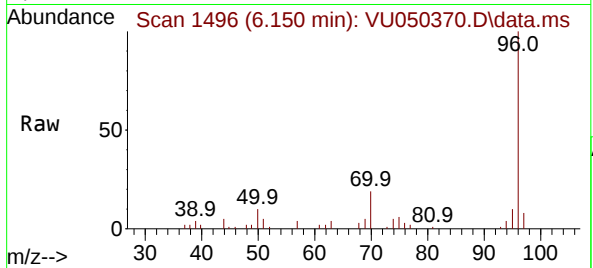
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.150 min Scan# 14
Delta R.T. 0.038 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

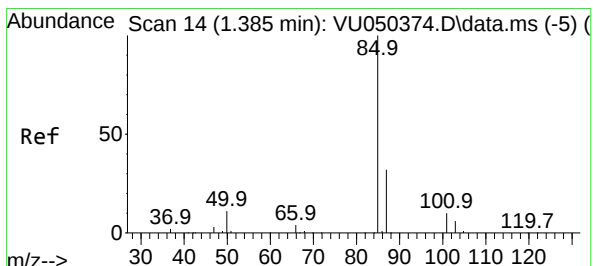
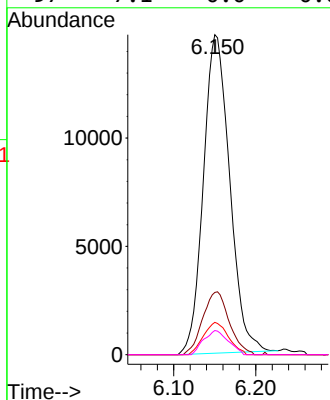
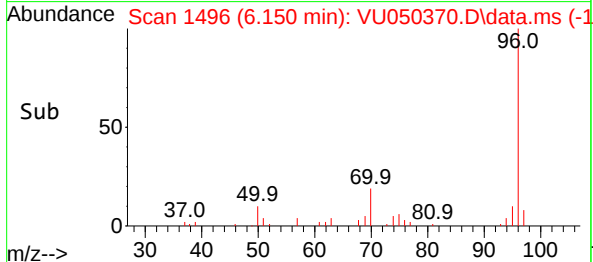
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 96 Resp: 32780
Ion Ratio Lower Upper
96 100
70 19.9 16.7 25.1
95 9.6 7.4 11.0
97 7.1 0.0 0.0#

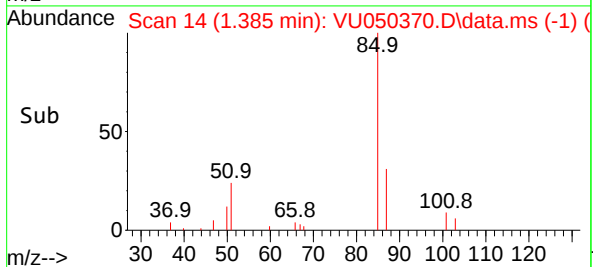
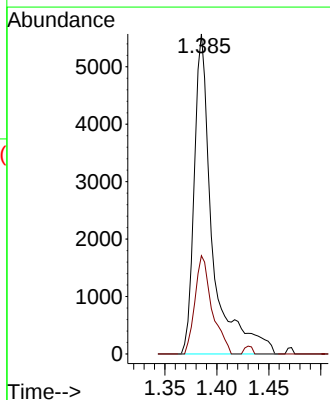
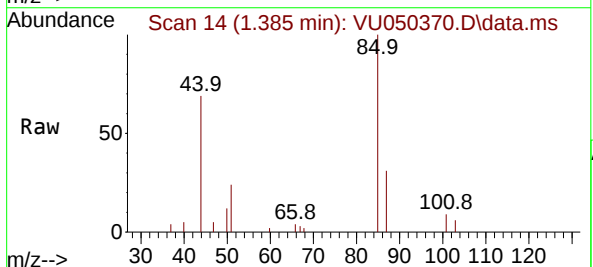
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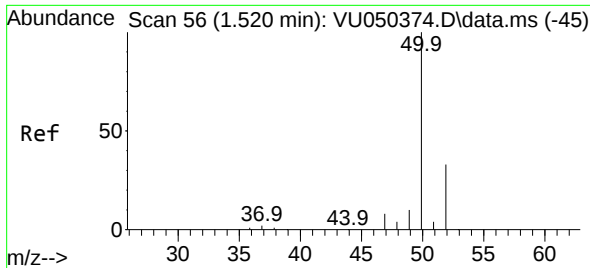
Reviewed By :Krupa Patel 08/30/2022
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#2
Dichlorodifluoromethane
Concen: 0.543 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

Tgt Ion: 85 Resp: 6824
Ion Ratio Lower Upper
85 100
87 30.7 16.3 48.8





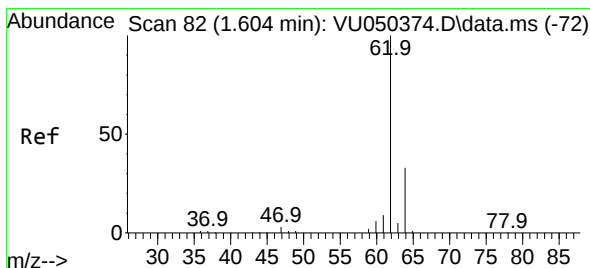
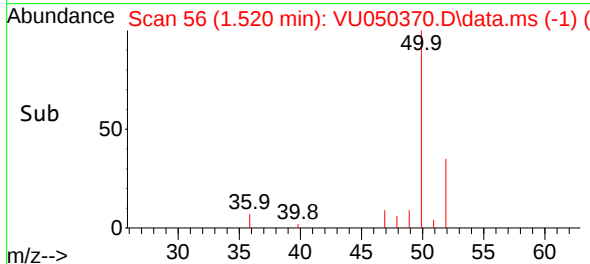
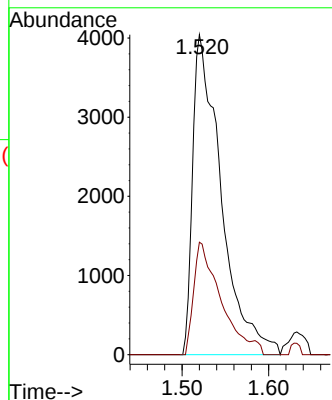
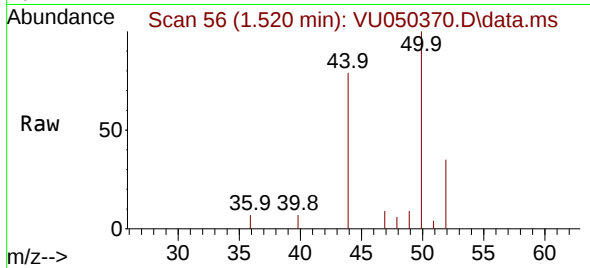
#3
Chloromethane
Concen: 0.598 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 50 Resp: 920
Ion Ratio Lower Upper
50 100
52 35.2 26.1 39.1

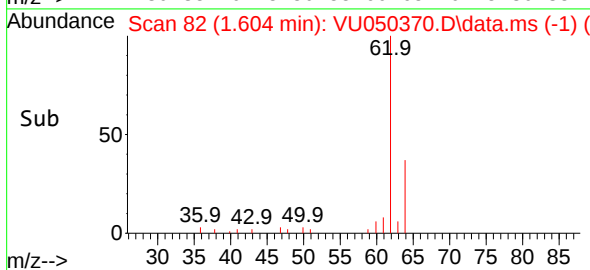
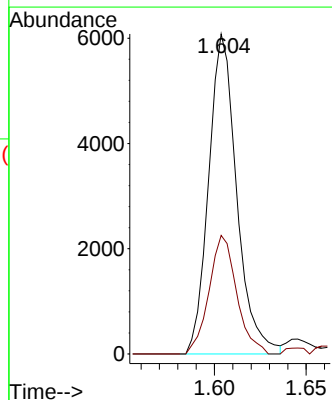
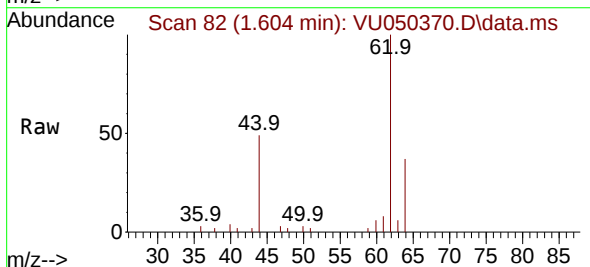
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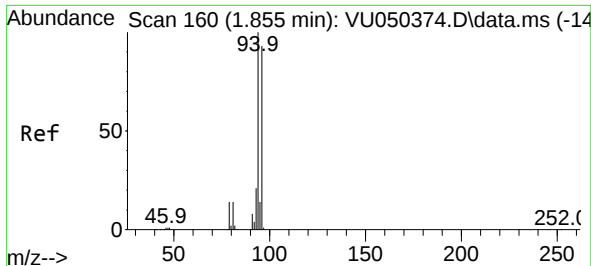
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#4
Vinyl Chloride
Concen: 0.478 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

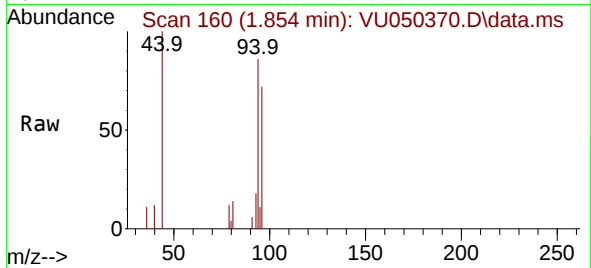
Tgt Ion: 62 Resp: 6457
Ion Ratio Lower Upper
62 100
64 37.0 25.5 38.3





#5
Bromomethane
Concen: 0.526 ug/l
RT: 1.854 min Scan# 160
Delta R.T. -0.000 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

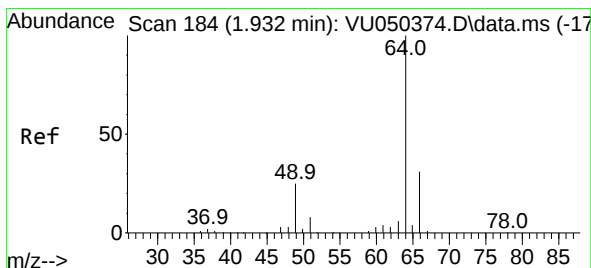
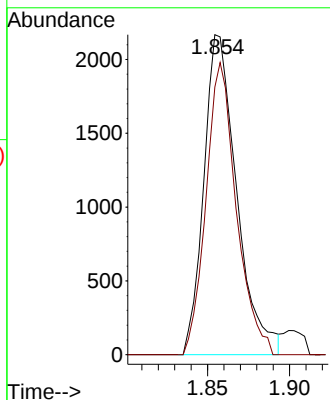
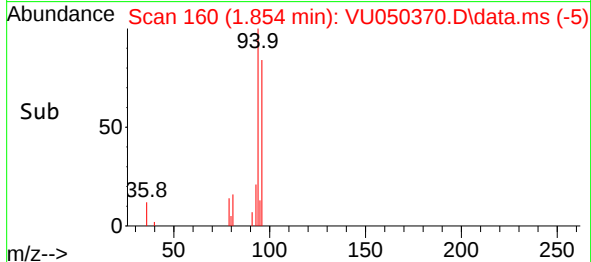
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 94 Resp: 302
Ion Ratio Lower Upper
94 100
96 83.6 73.0 109.6

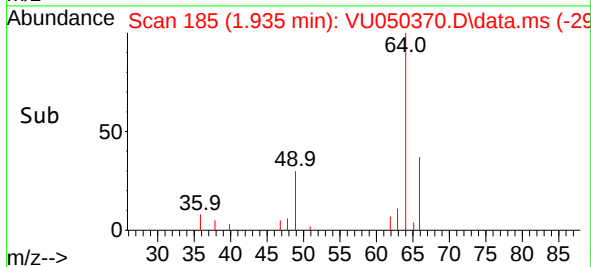
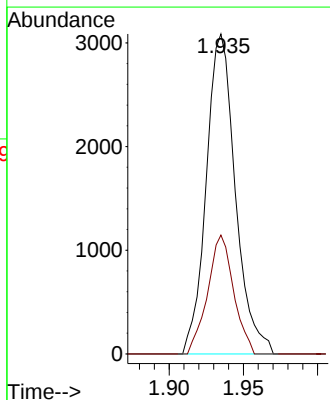
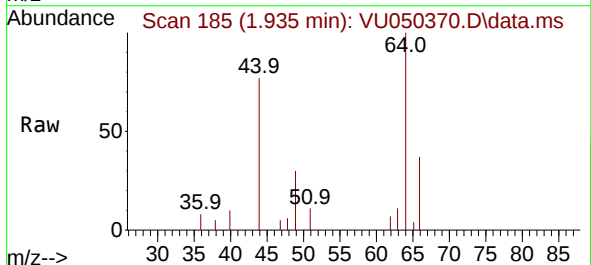
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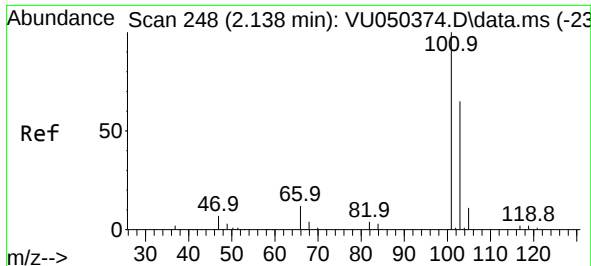
Reviewed By :Krupa Patel 08/30/2022
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#6
Chloroethane
Concen: 0.500 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

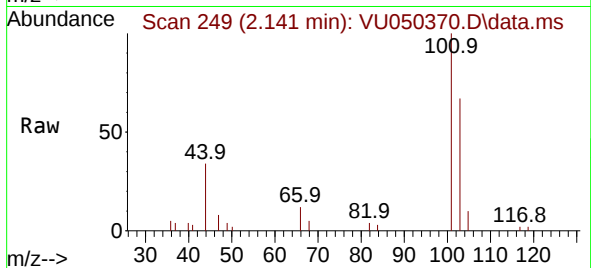
Tgt Ion: 64 Resp: 4206
Ion Ratio Lower Upper
64 100
66 37.2 25.8 38.6





#7
 Trichlorofluoromethane
 Concen: 0.520 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU050370.D
 Acq: 19 Aug 2022 11:23

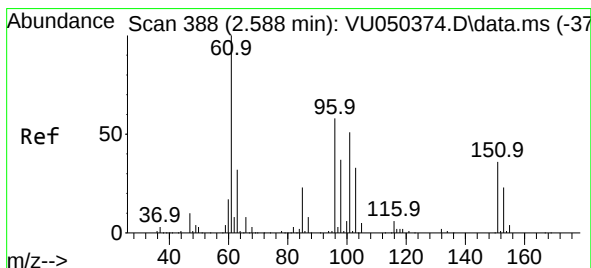
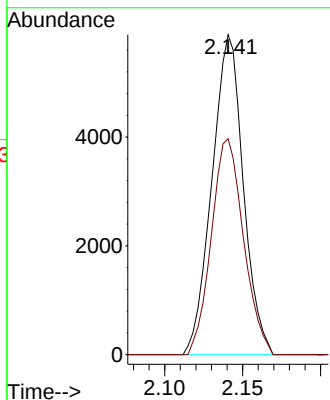
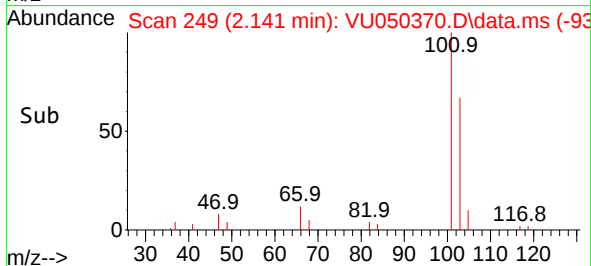
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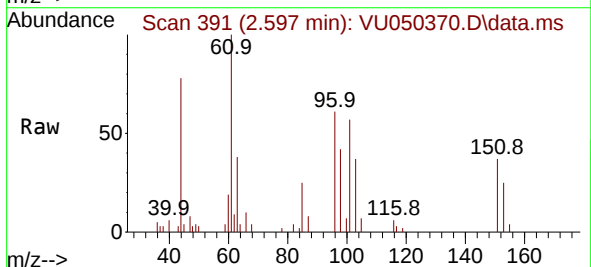
Tgt Ion:101 Resp: 823
 Ion Ratio Lower Upper
 101 100
 103 67.5 51.8 77.6

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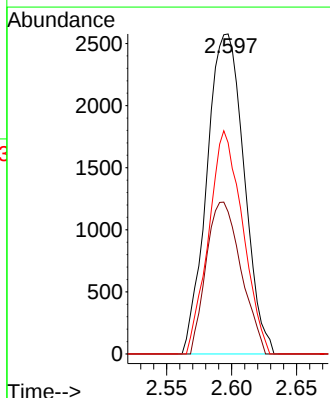
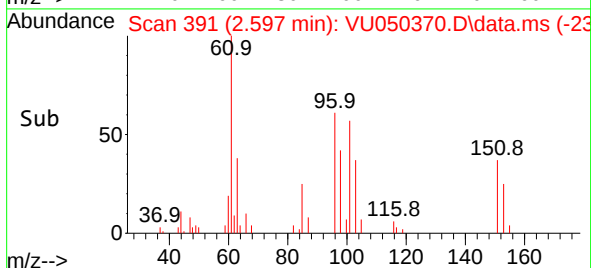
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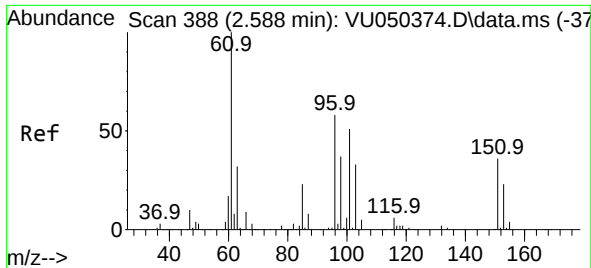


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.599 ug/l
 RT: 2.597 min Scan# 391
 Delta R.T. 0.010 min
 Lab File: VU050370.D
 Acq: 19 Aug 2022 11:23



Tgt Ion:101 Resp: 5133
 Ion Ratio Lower Upper
 101 100
 85 44.5 36.4 54.6
 151 63.7 59.1 88.7





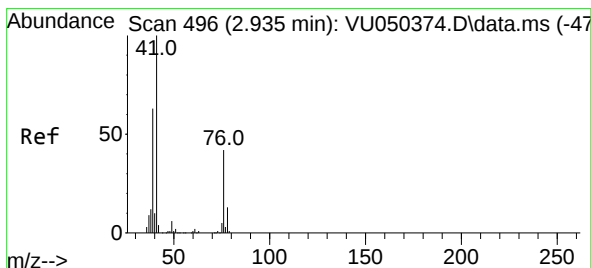
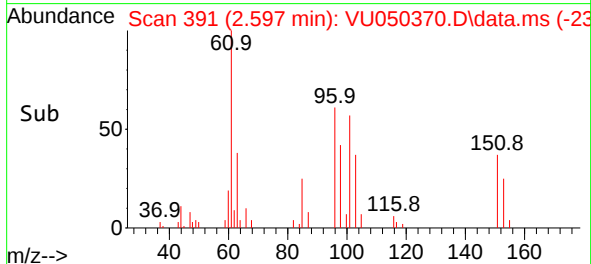
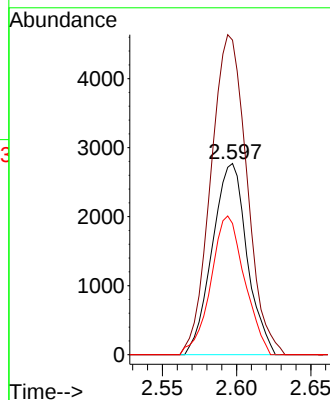
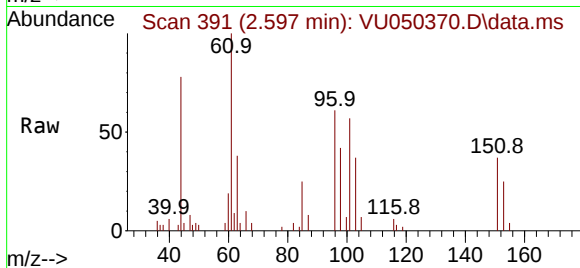
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1,1-Dichloroethene
Concen: 0.500 ug/l
RT: 2.597 min Scan# 391
Delta R.T. 0.010 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 96 Resp: 450
Ion Ratio Lower Upper
96 100
61 164.6 0.0 510.6
98 68.7 0.0 124.6

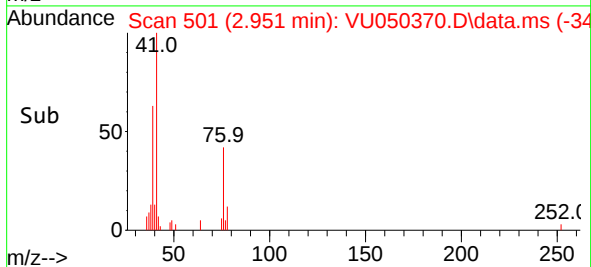
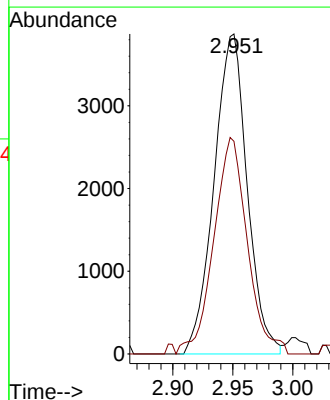
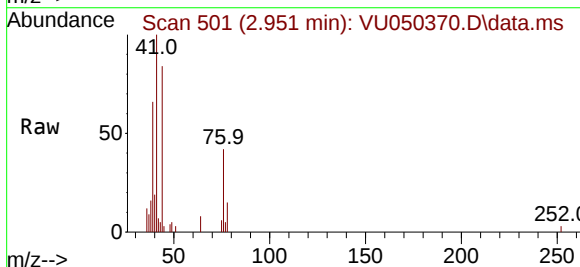
Manual Integrations
APPROVED

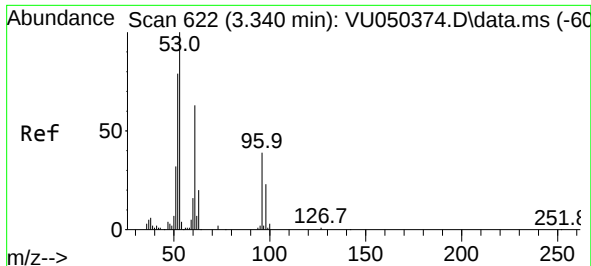
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#11
Allyl Chloride
Concen: 0.505 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.016 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

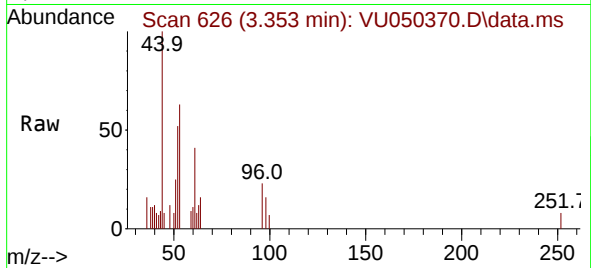
Tgt Ion: 41 Resp: 7439
Ion Ratio Lower Upper
41 100
39 68.3 53.2 79.8





#12
Acrylonitrile
Concen: 0.799 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.013 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

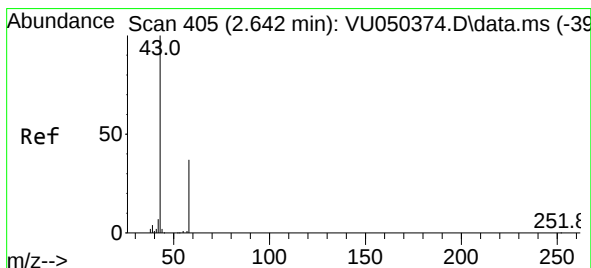
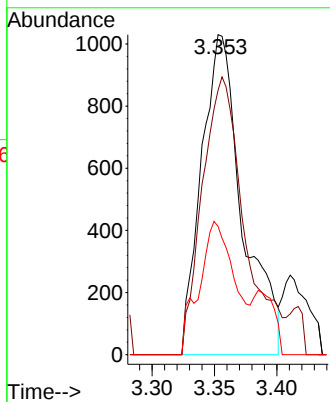
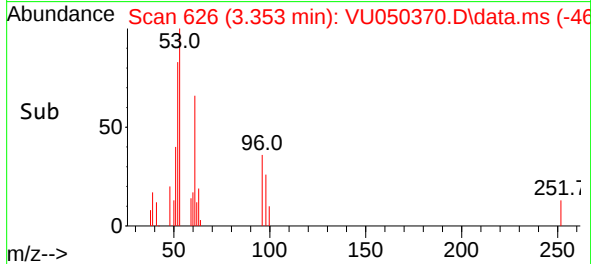
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



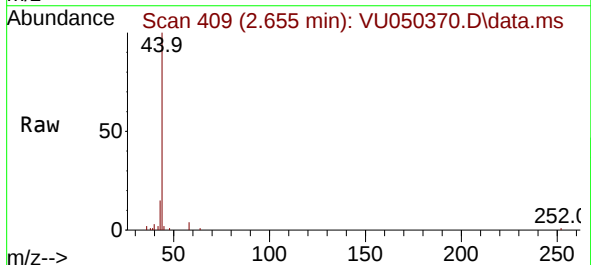
Tgt Ion: 53 Resp: 235
Ion Ratio Lower Upper
53 100
52 90.0 64.6 97.0
51 36.5 30.7 46.1

Manual Integrations
APPROVED

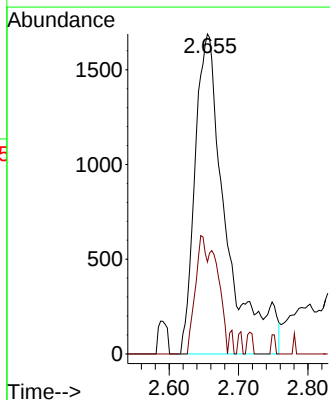
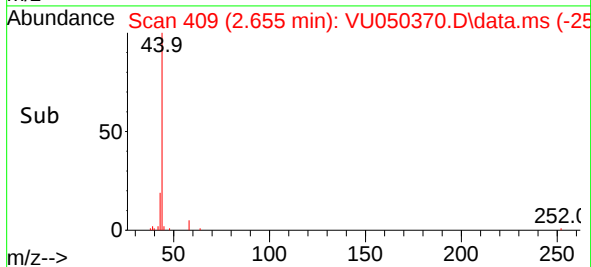
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

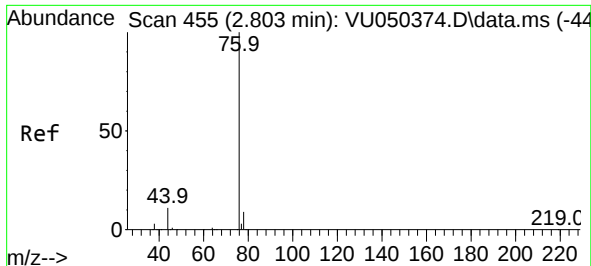


#13
Acetone
Concen: 2.481 ug/l m
RT: 2.655 min Scan# 409
Delta R.T. 0.013 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23



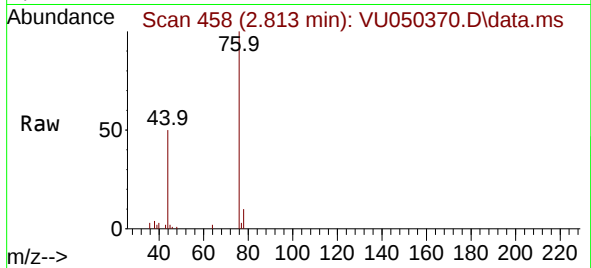
Tgt Ion: 43 Resp: 5214
Ion Ratio Lower Upper
43 100
58 28.7 26.2 39.2





#14
Carbon Disulfide
Concen: 0.505 ug/l
RT: 2.813 min Scan# 458
Delta R.T. 0.010 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

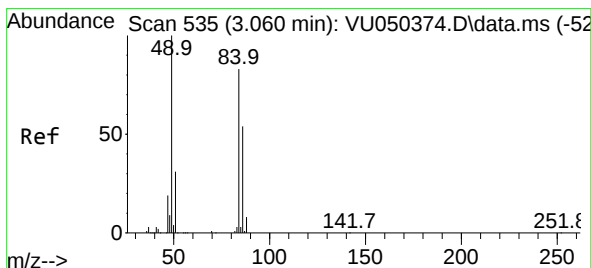
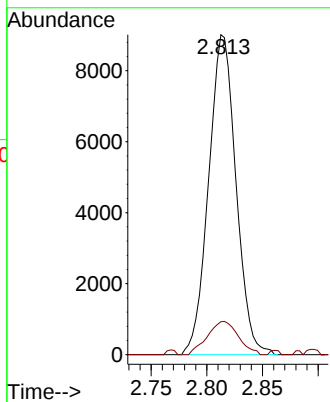
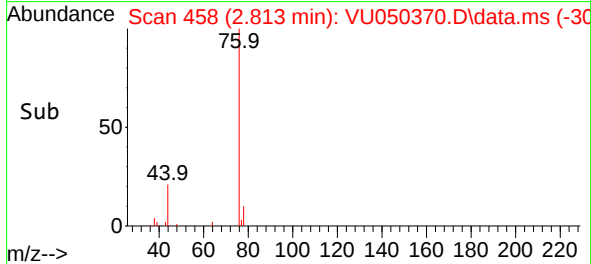
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 76 Resp: 1540
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0

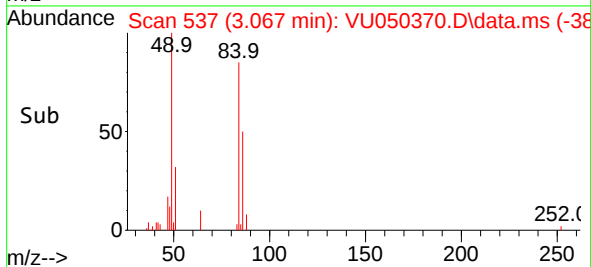
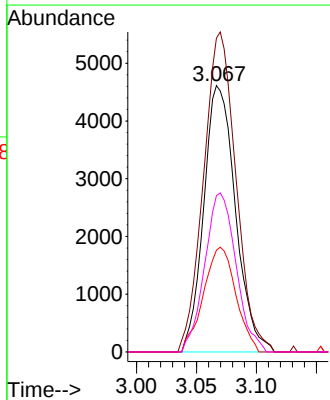
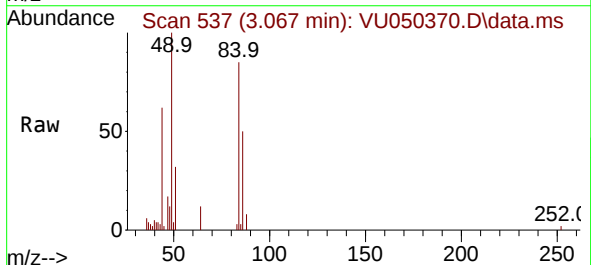
Manual Integrations
APPROVED

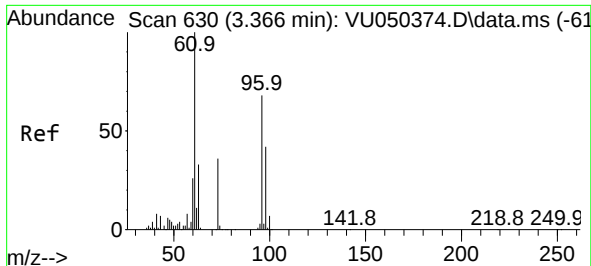
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#15
Methylene Chloride
Concen: 0.687 ug/l
RT: 3.067 min Scan# 537
Delta R.T. 0.006 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

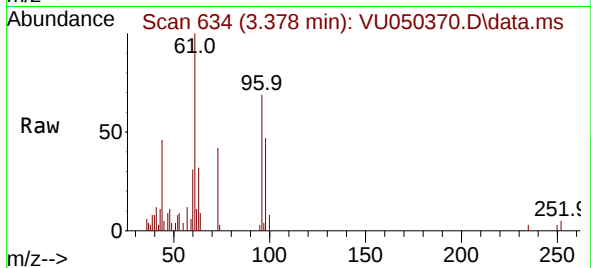
Tgt Ion: 84 Resp: 8496
Ion Ratio Lower Upper
84 100
49 117.8 104.6 157.0
51 38.2 0.0 81.4
86 58.7 52.6 78.8





#16
trans-1,2-Dichloroethene
Concen: 0.479 ug/l
RT: 3.378 min Scan# 611
Delta R.T. 0.013 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

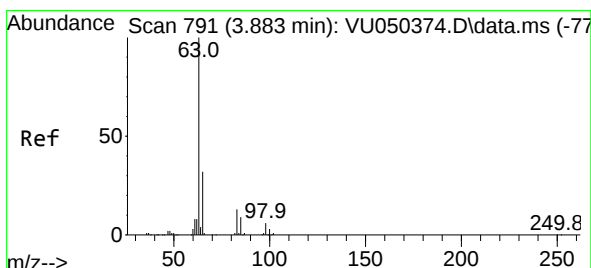
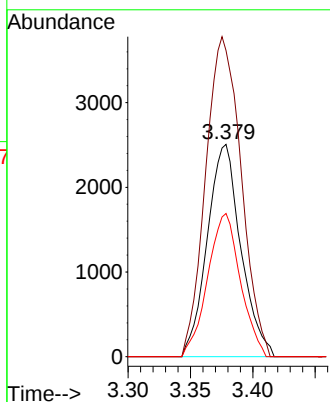
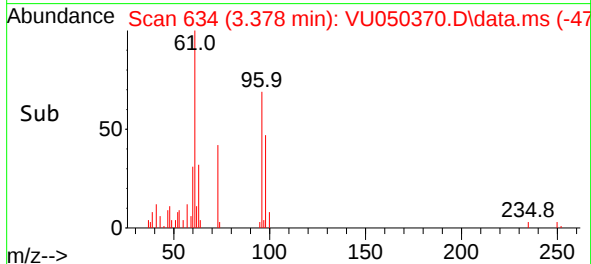
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 96 Resp: 470
Ion Ratio Lower Upper
96 100
61 144.1 123.4 185.0
98 67.4 51.6 77.4

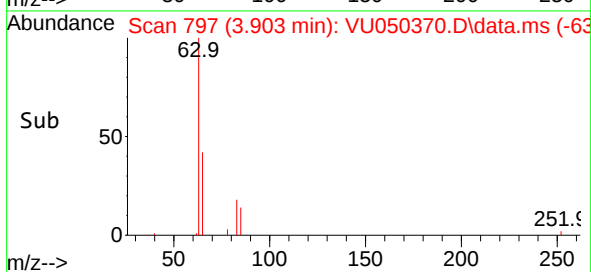
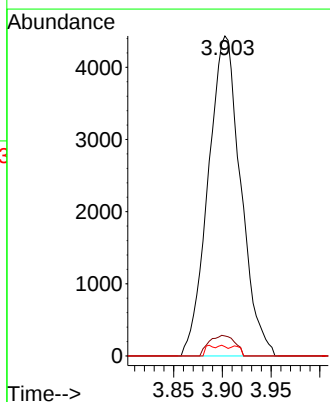
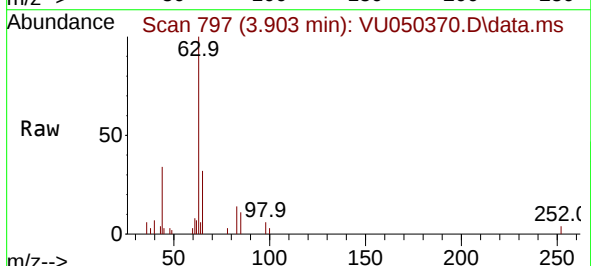
Manual Integrations
APPROVED

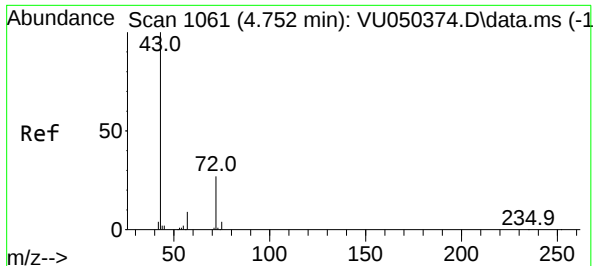
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#17
1,1-Dichloroethane
Concen: 0.519 ug/l
RT: 3.903 min Scan# 797
Delta R.T. 0.019 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

Tgt Ion: 63 Resp: 10287
Ion Ratio Lower Upper
63 100
98 6.2 3.4 10.2
100 2.9 2.0 6.0





#18

2-Butanone

Concen: 2.029 ug/l

RT: 4.771 min Scan# 1067

Delta R.T. 0.019 min

Lab File: VU050370.D

Acq: 19 Aug 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 43 Resp: 665

Ion Ratio Lower Upper

43 100

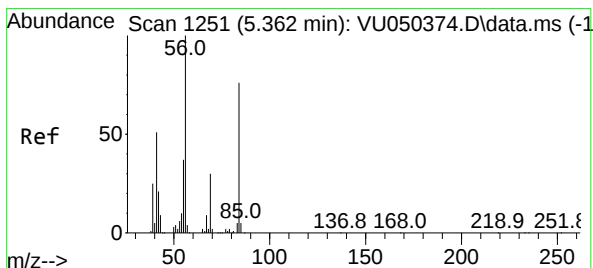
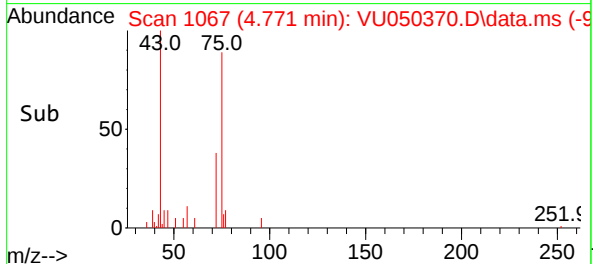
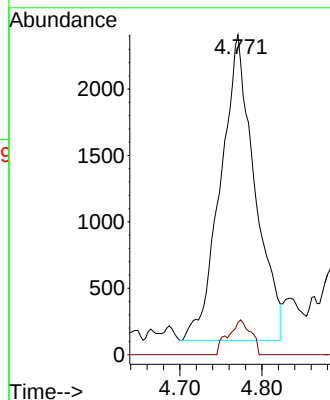
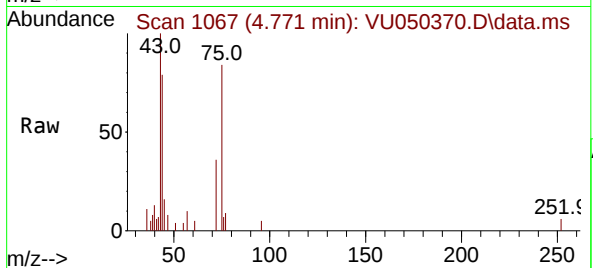
57 10.5 0.0 18.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#19

Cyclohexane

Concen: 0.616 ug/l m

RT: 5.372 min Scan# 1254

Delta R.T. 0.010 min

Lab File: VU050370.D

Acq: 19 Aug 2022 11:23

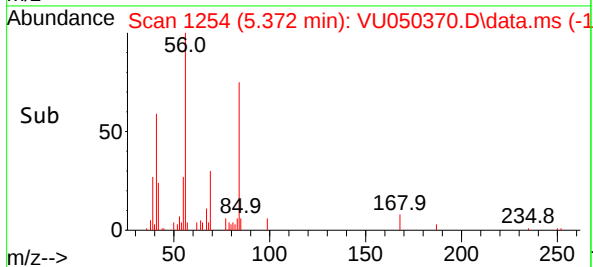
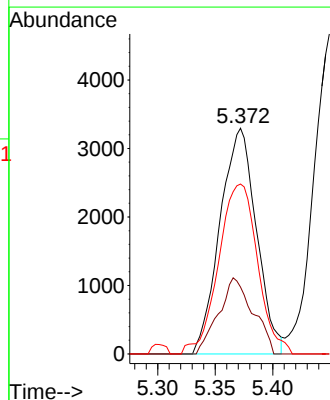
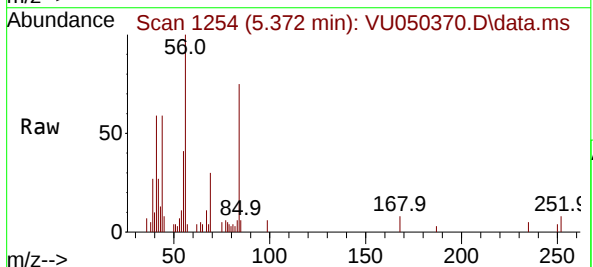
Tgt Ion: 56 Resp: 7256

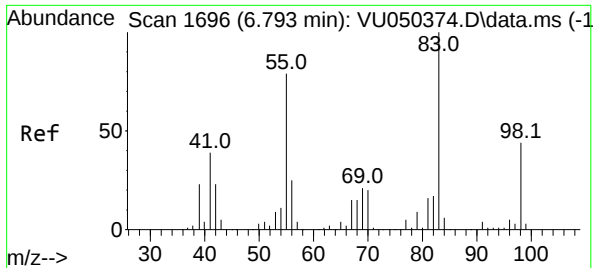
Ion Ratio Lower Upper

56 100

69 31.8 24.2 36.4

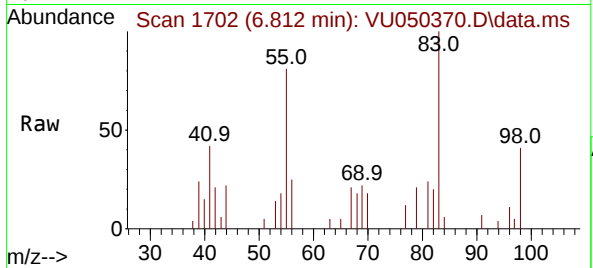
84 80.6 63.4 95.2





#20
Methylcyclohexane
Concen: 0.441 ug/l
RT: 6.812 min Scan# 11
Delta R.T. 0.019 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

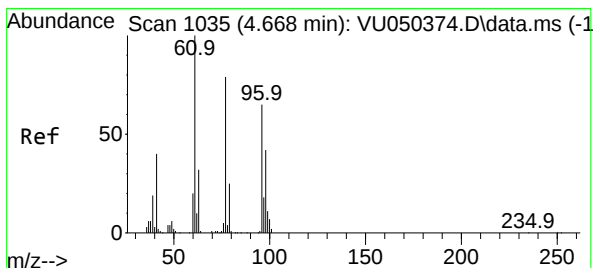
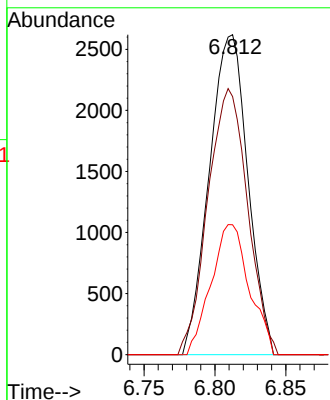
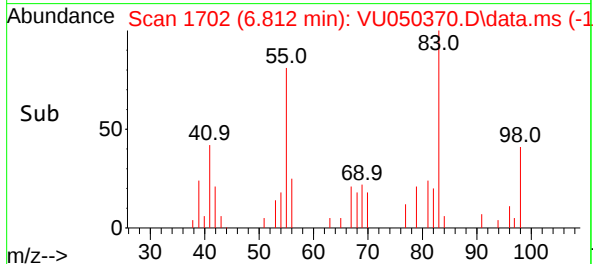
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 83 Resp: 4968
Ion Ratio Lower Upper
83 100
55 85.5 63.0 94.4
98 40.2 35.7 53.5

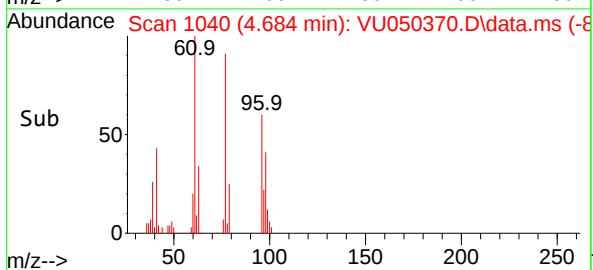
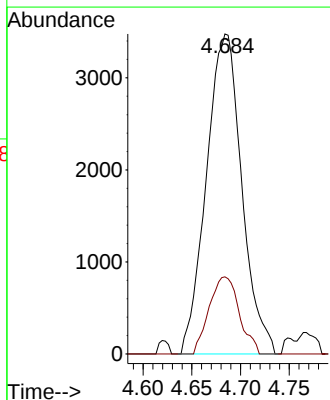
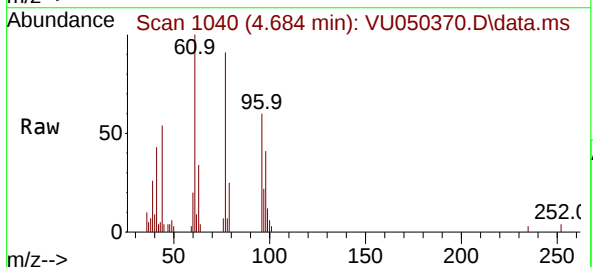
Manual Integrations
APPROVED

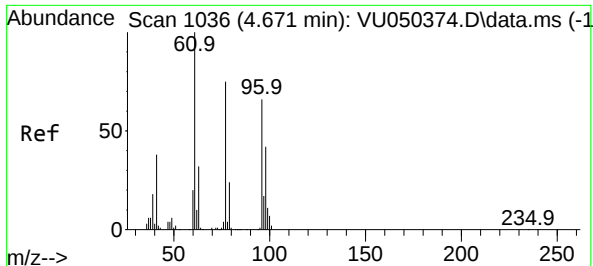
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#21
2,2-Dichloropropane
Concen: 0.596 ug/l
RT: 4.684 min Scan# 1040
Delta R.T. 0.016 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

Tgt Ion: 77 Resp: 8772
Ion Ratio Lower Upper
77 100
97 20.5 18.5 27.7





#22

cis-1,2-Dichloroethene

Concen: 0.502 ug/l

RT: 4.690 min Scan# 1042

Delta R.T. 0.019 min

Lab File: VU050370.D

Acq: 19 Aug 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

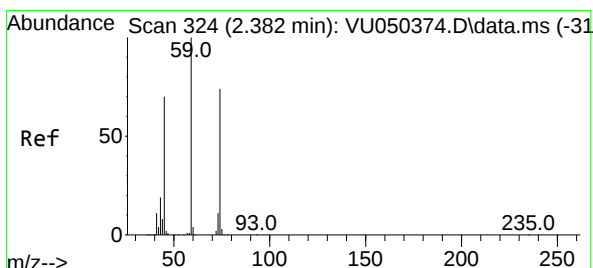
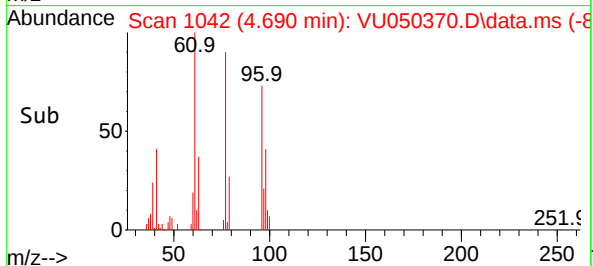
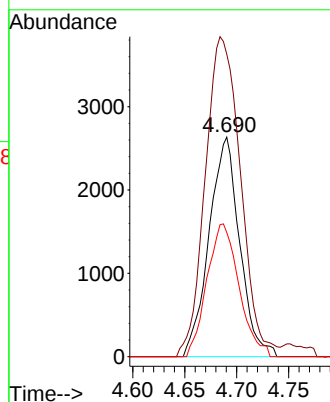
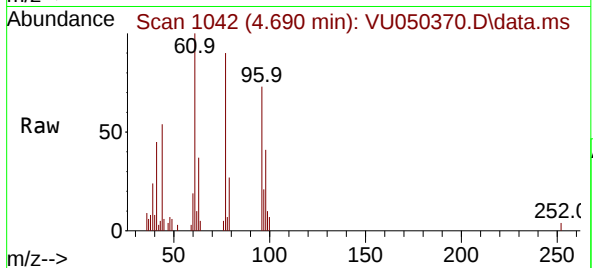
Tgt Ion:	96	Resp:	5392
Ion	Ratio	Lower	Upper
96	100		
61	168.2	0.0	375.8
98	63.3	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#23

Diethyl Ether

Concen: 0.486 ug/l

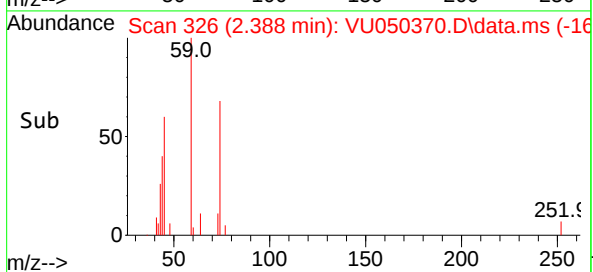
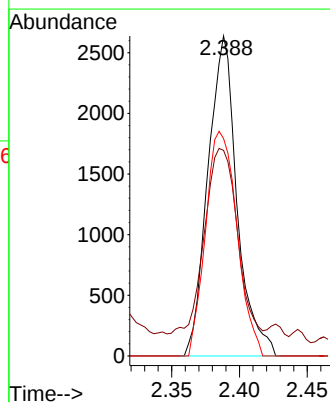
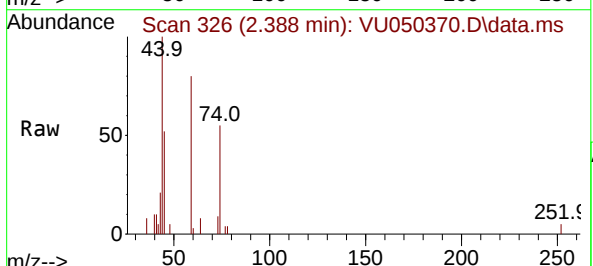
RT: 2.388 min Scan# 326

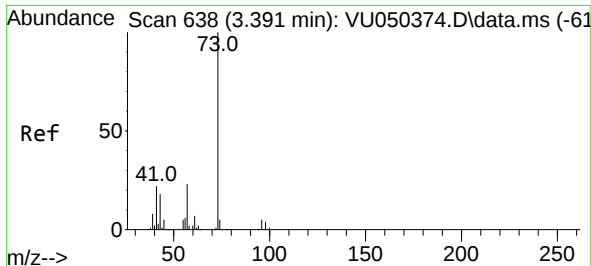
Delta R.T. 0.006 min

Lab File: VU050370.D

Acq: 19 Aug 2022 11:23

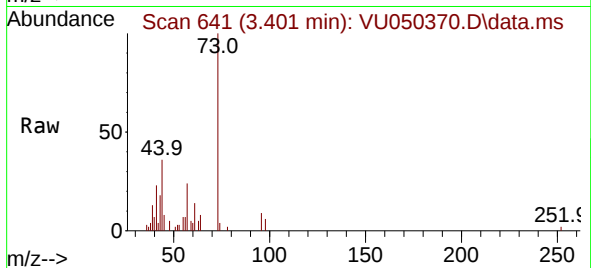
Tgt Ion:	59	Resp:	3938
Ion	Ratio	Lower	Upper
59	100		
45	66.3	56.0	84.0
74	75.6	57.6	86.4





#25
Methyl tert-Butyl Ether
Concen: 0.498 ug/l
RT: 3.401 min Scan# 641
Delta R.T. 0.010 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

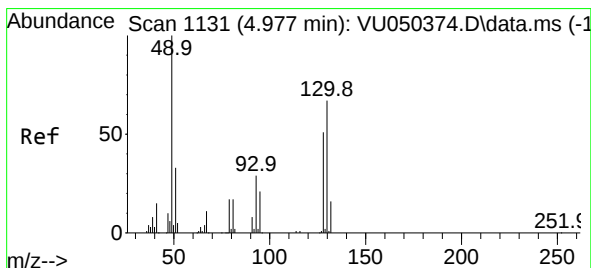
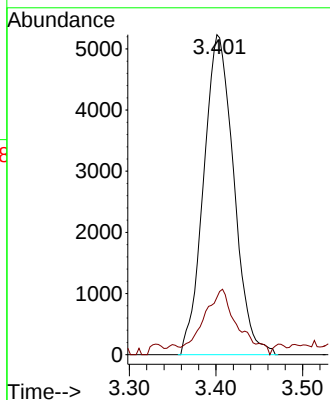
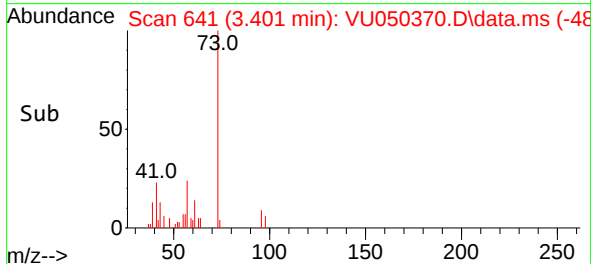
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 73 Resp: 1265
Ion Ratio Lower Upper
73 100
43 22.9 15.9 23.9

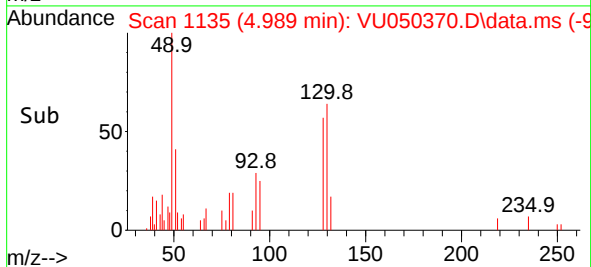
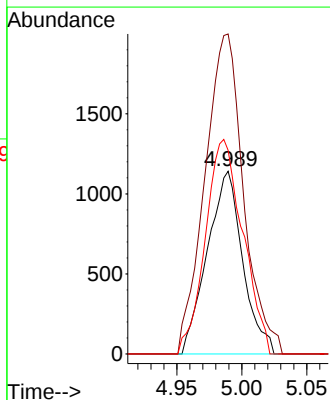
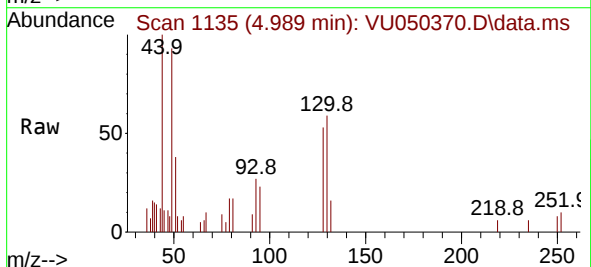
Manual Integrations
APPROVED

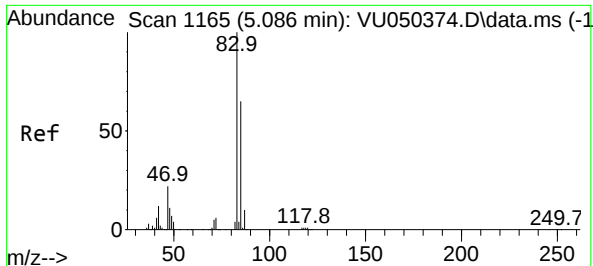
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#26
Bromochloromethane
Concen: 0.449 ug/l
RT: 4.989 min Scan# 1135
Delta R.T. 0.013 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

Tgt Ion:128 Resp: 2158
Ion Ratio Lower Upper
128 100
49 191.5 0.0 349.2
130 124.8 103.0 154.6





#27

Chloroform

Concen: 0.536 ug/l

RT: 5.099 min Scan# 1169

Delta R.T. 0.013 min

Lab File: VU050370.D

Acq: 19 Aug 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 83 Resp: 1005

Ion Ratio Lower Upper

83 100

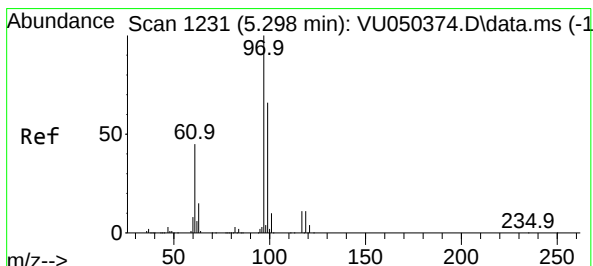
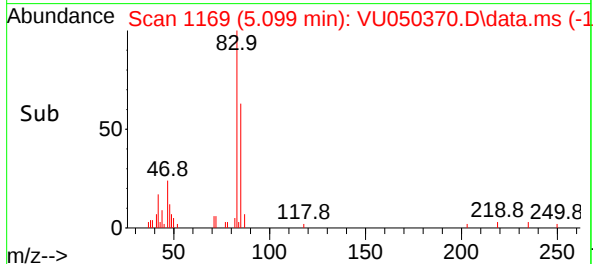
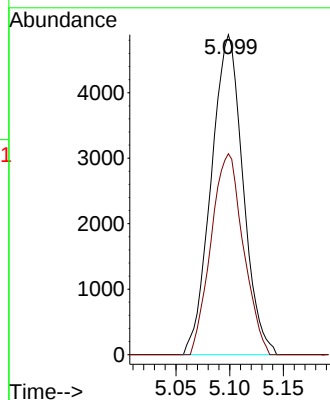
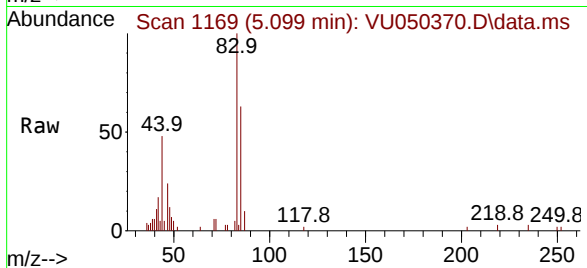
85 62.8 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#28

1,1,1-Trichloroethane

Concen: 0.575 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.016 min

Lab File: VU050370.D

Acq: 19 Aug 2022 11:23

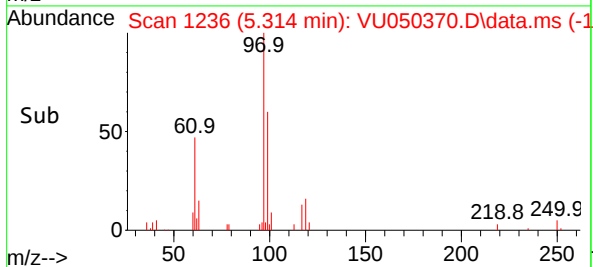
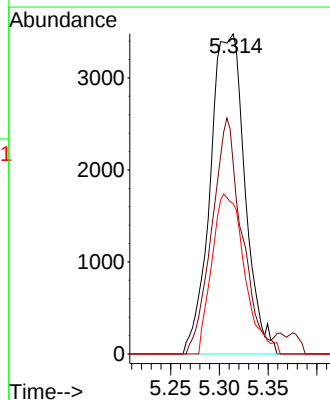
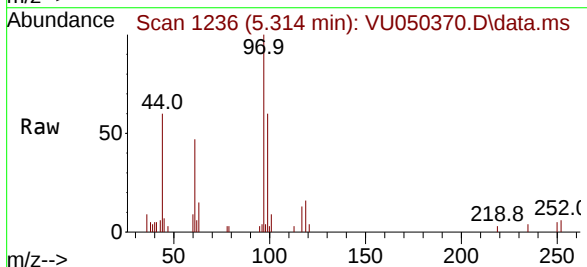
Tgt Ion: 97 Resp: 8629

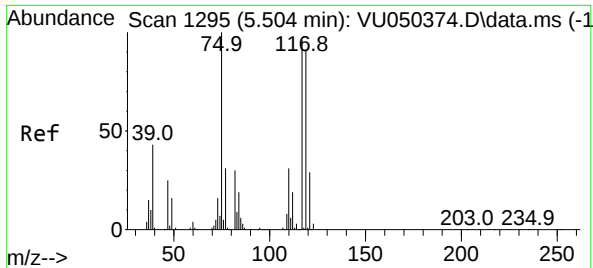
Ion Ratio Lower Upper

97 100

99 63.5 32.1 96.5

61 47.0 21.8 65.4





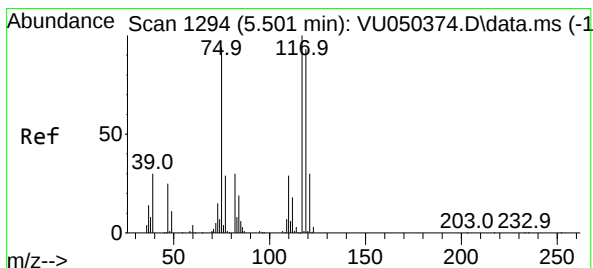
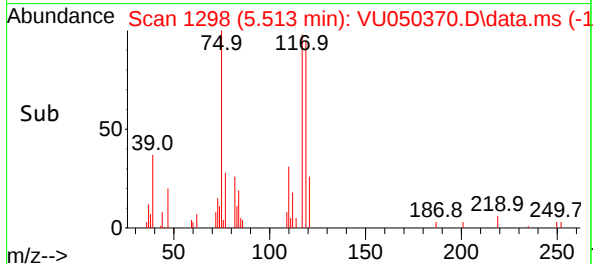
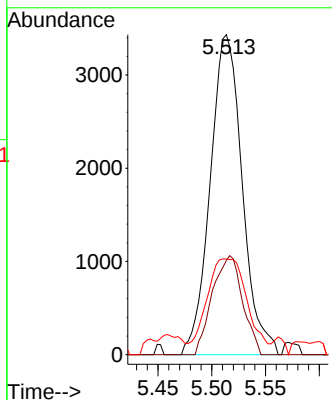
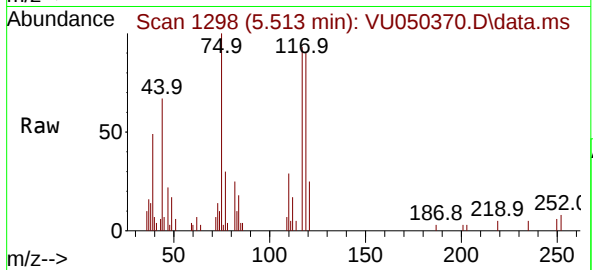
#29
1,1-Dichloropropene
Concen: 0.614 ug/l
RT: 5.513 min Scan# 1298
Delta R.T. 0.010 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 7119
Ion Ratio Lower Upper
75 100
110 29.1 17.3 52.0
77 32.2 24.6 37.0

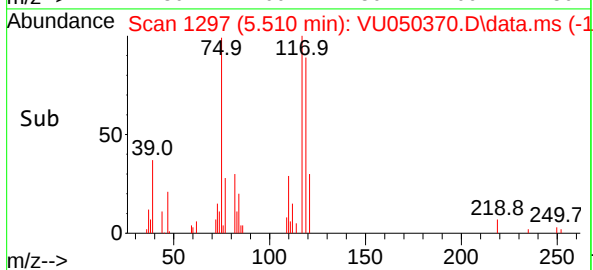
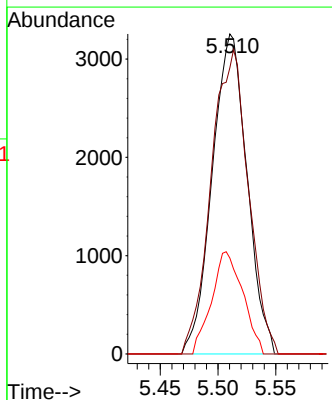
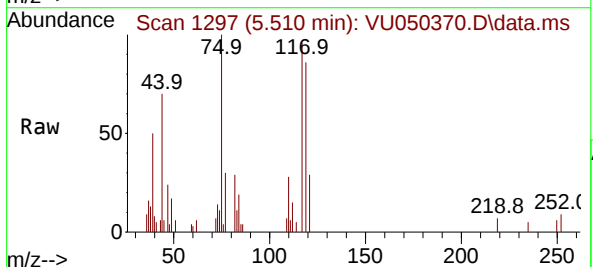
Manual Integrations
APPROVED

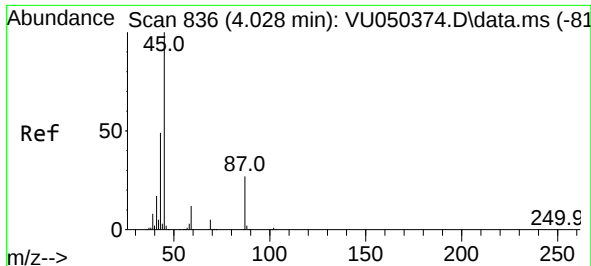
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#30
Carbon Tetrachloride
Concen: 0.560 ug/l
RT: 5.510 min Scan# 1297
Delta R.T. 0.010 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

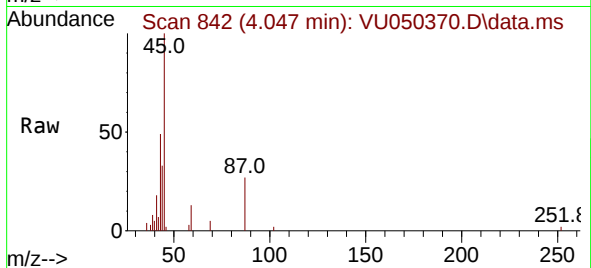
Tgt Ion:117 Resp: 6823
Ion Ratio Lower Upper
117 100
119 89.4 74.6 112.0
121 29.9 24.2 36.4





#31
Isopropyl Ether
Concen: 0.552 ug/l
RT: 4.047 min Scan# 842
Delta R.T. 0.019 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

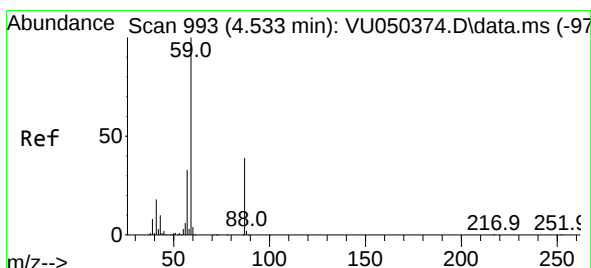
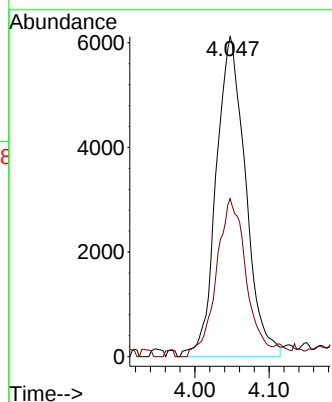
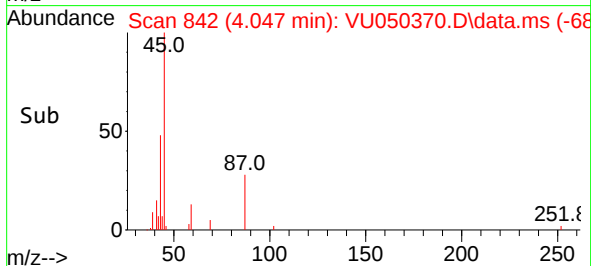
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



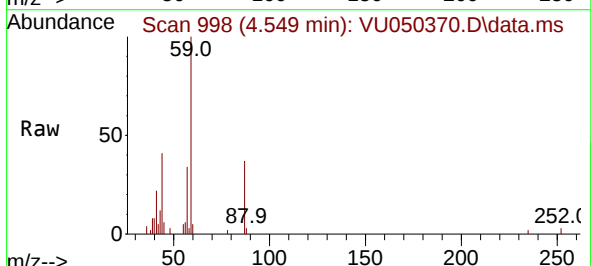
Tgt Ion: 45 Resp: 16798
Ion Ratio Lower Upper
45 100
43 49.9 23.8 71.2

Manual Integrations
APPROVED

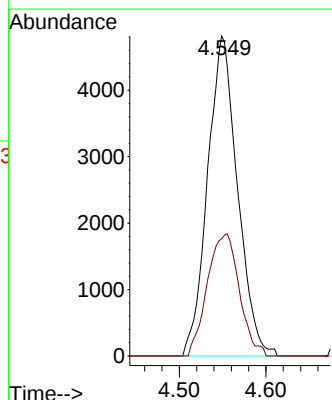
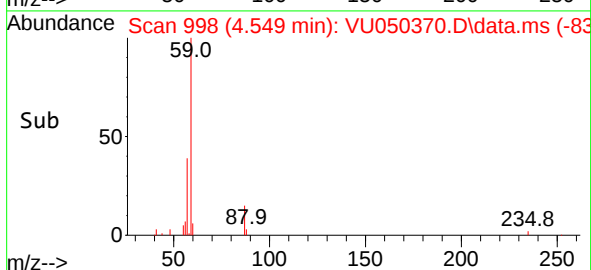
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

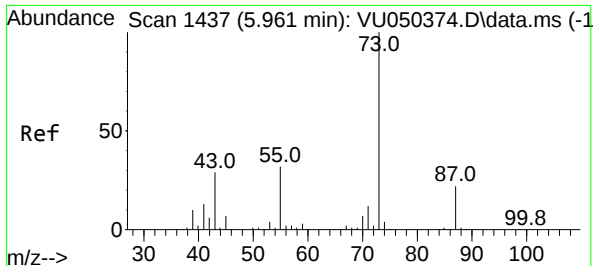


#32
Ethyl-t-butyl ether
Concen: 0.473 ug/l
RT: 4.549 min Scan# 998
Delta R.T. 0.016 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23



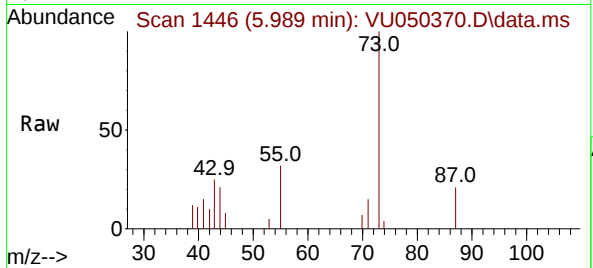
Tgt Ion: 59 Resp: 11561
Ion Ratio Lower Upper
59 100
87 40.7 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 0.418 ug/l
RT: 5.989 min Scan# 1437
Delta R.T. 0.029 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

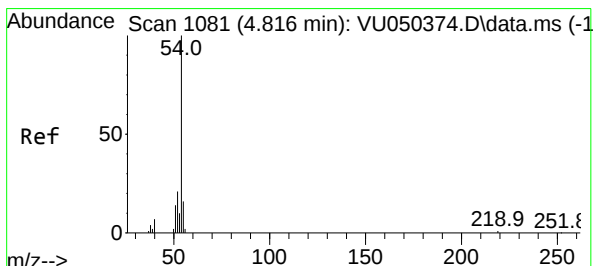
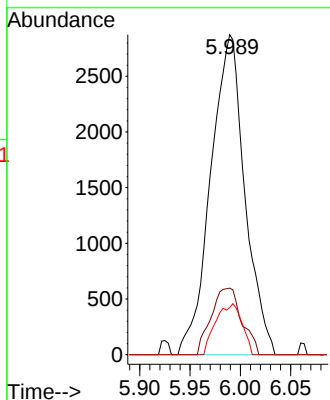
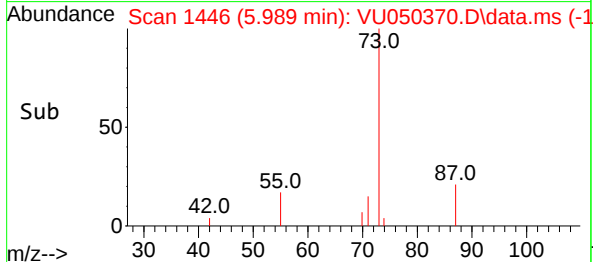
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 73 Resp: 6784
Ion Ratio Lower Upper
73 100
87 18.6 19.7 29.5#
71 12.3 9.0 13.4

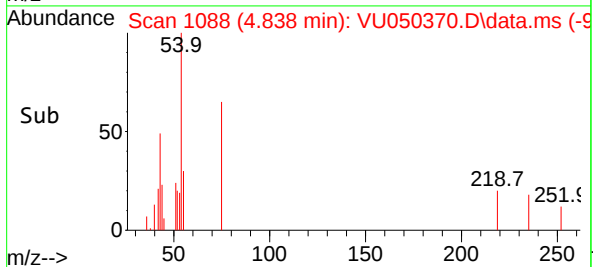
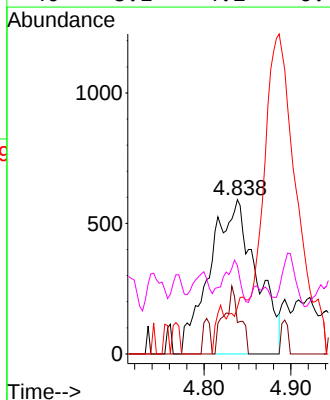
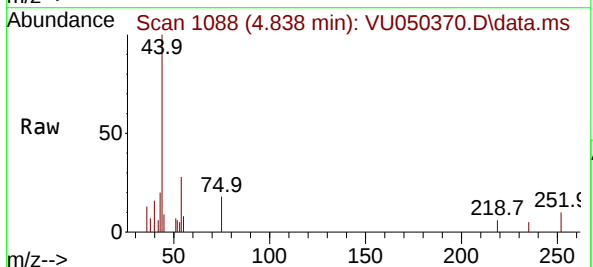
Manual Integrations
APPROVED

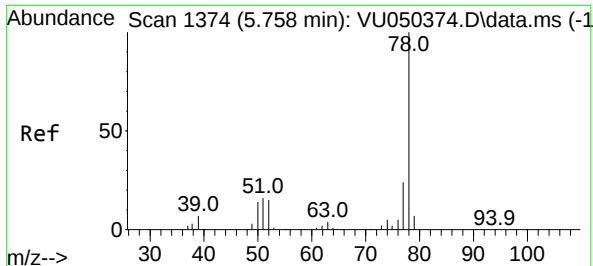
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#34
Propionitrile
Concen: 1.985 ug/l m
RT: 4.838 min Scan# 1088
Delta R.T. 0.022 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

Tgt Ion: 54 Resp: 2197
Ion Ratio Lower Upper
54 100
52 3.2 15.0 22.6#
55 6.4 12.6 19.0#
40 8.1 4.2 6.4#





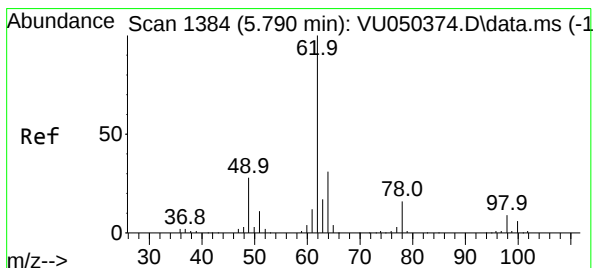
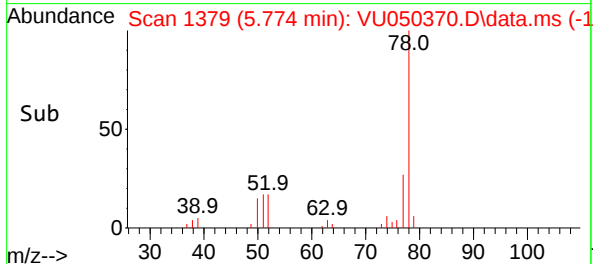
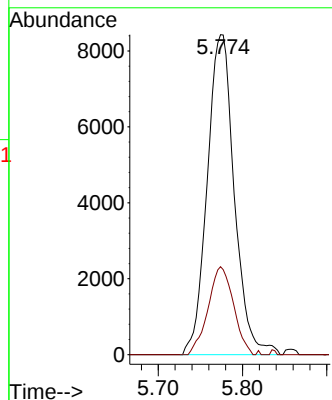
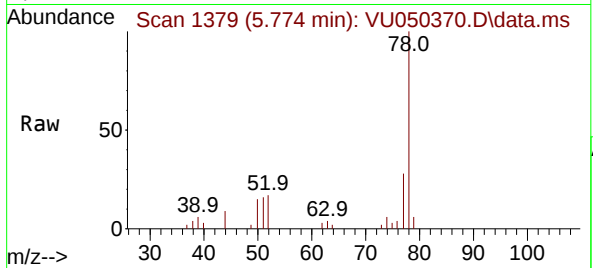
#35
Benzene
Concen: 0.490 ug/l
RT: 5.774 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 78 Resp: 1884
Ion Ratio Lower Upper
78 100
77 27.5 18.6 28.0

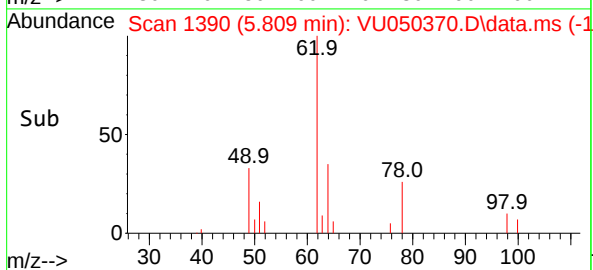
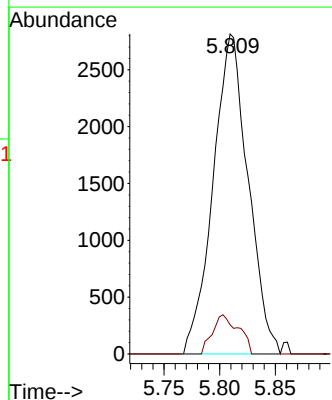
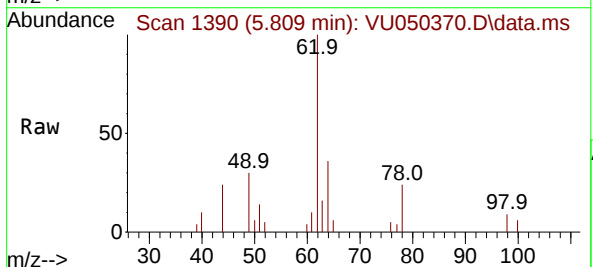
Manual Integrations
APPROVED

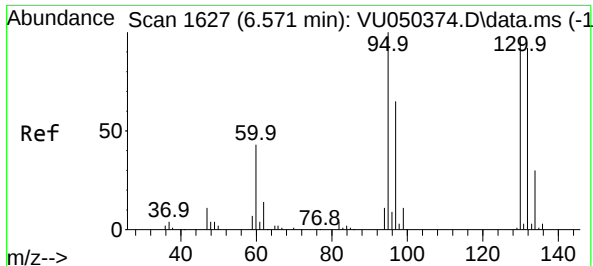
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#36
1,2-Dichloroethane
Concen: 0.511 ug/l
RT: 5.809 min Scan# 1390
Delta R.T. 0.019 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

Tgt Ion: 62 Resp: 6153
Ion Ratio Lower Upper
62 100
98 9.1 7.4 11.0





#37

Trichloroethene

Concen: 0.506 ug/l

RT: 6.597 min Scan# 1712

Delta R.T. 0.026 min

Lab File: VU050370.D

Acq: 19 Aug 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion:130 Resp: 4719

Ion Ratio Lower Upper

130 100

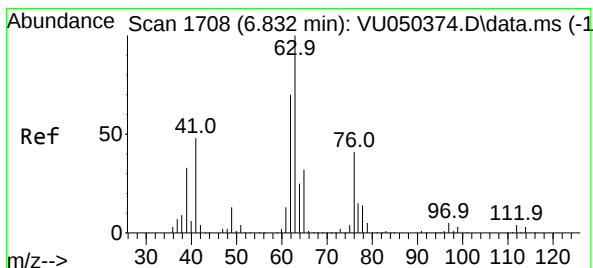
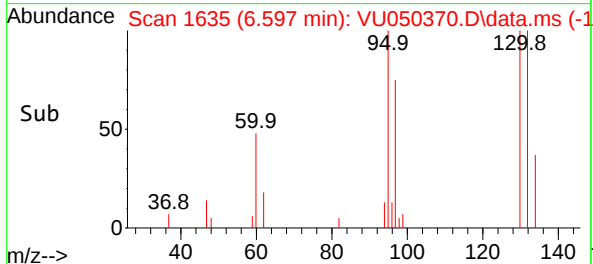
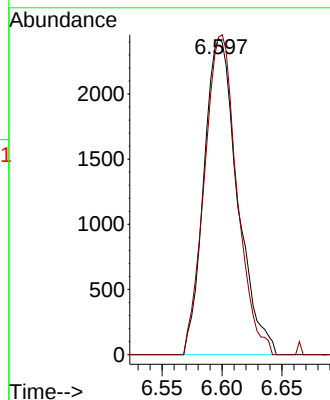
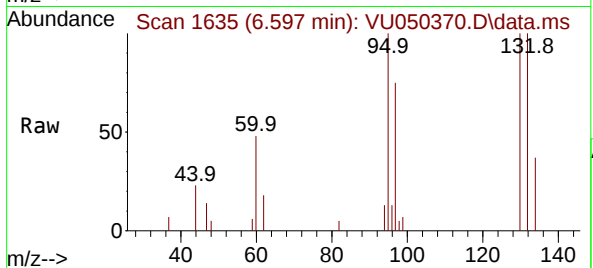
95 100.5 83.8 125.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#38

1,2-Dichloropropane

Concen: 0.476 ug/l

RT: 6.848 min Scan# 1713

Delta R.T. 0.016 min

Lab File: VU050370.D

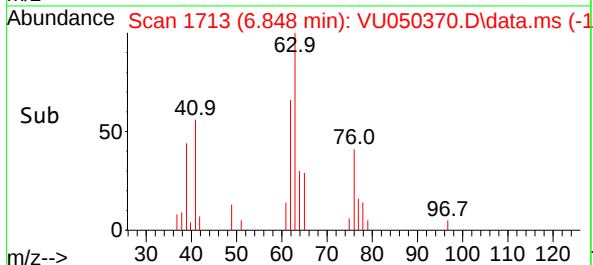
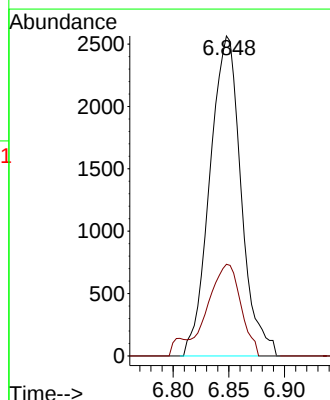
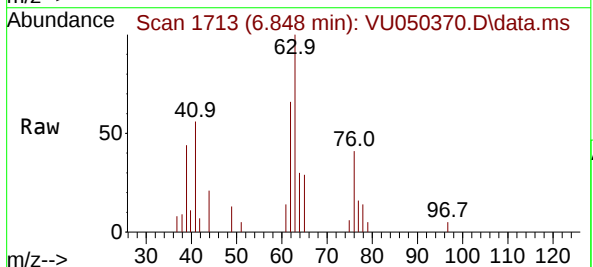
Acq: 19 Aug 2022 11:23

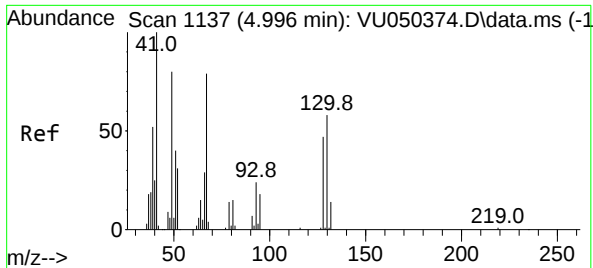
Tgt Ion: 63 Resp: 5002

Ion Ratio Lower Upper

63 100

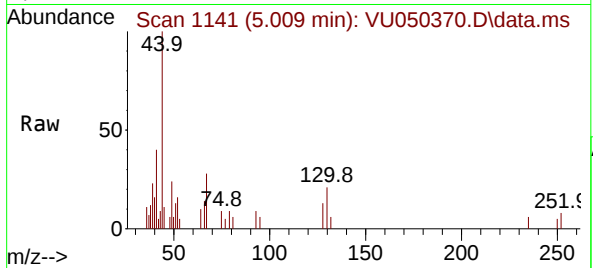
65 28.7 25.0 37.4





#39
Methacrylonitrile
Concen: 0.562 ug/l
RT: 5.009 min Scan# 1137
Delta R.T. 0.013 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

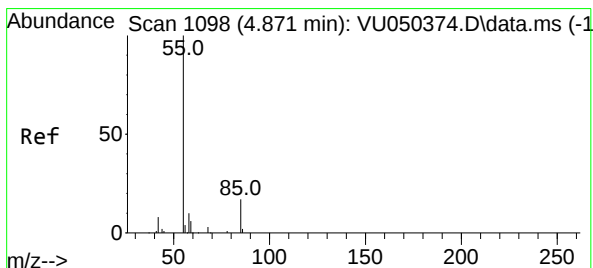
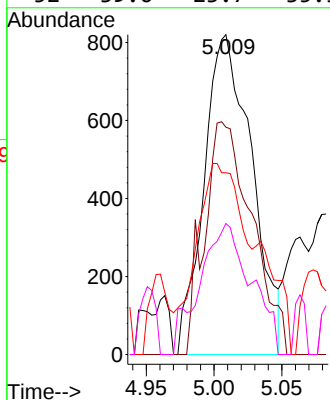
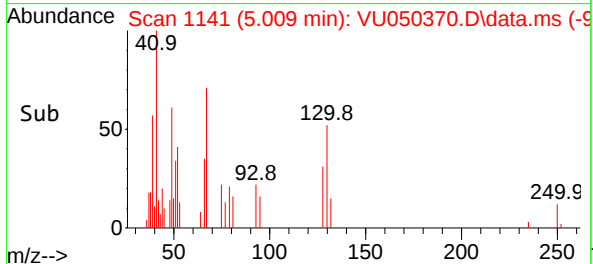
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion	Ratio	Lower	Upper
41	100		
67	72.2	59.4	89.0
39	37.5	42.2	63.2
52	39.6	23.7	35.5

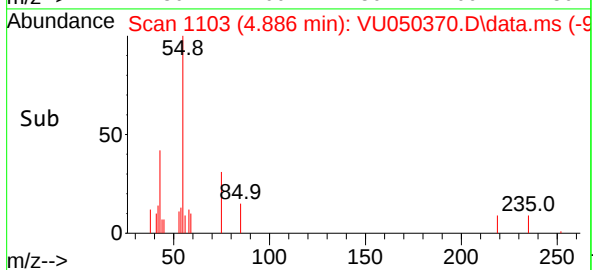
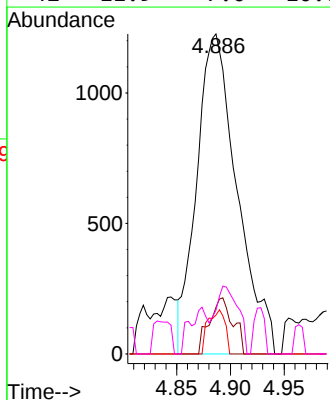
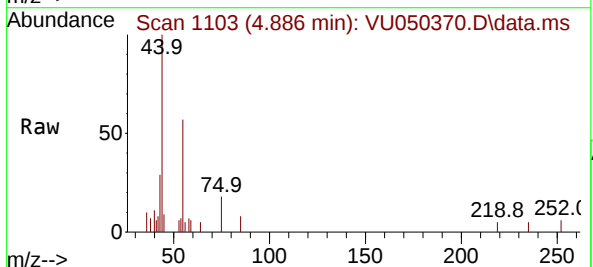
Manual Integrations
APPROVED

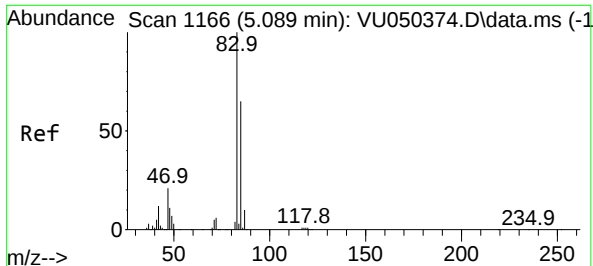
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#40
Methyl acrylate
Concen: 0.510 ug/l
RT: 4.886 min Scan# 1103
Delta R.T. 0.016 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

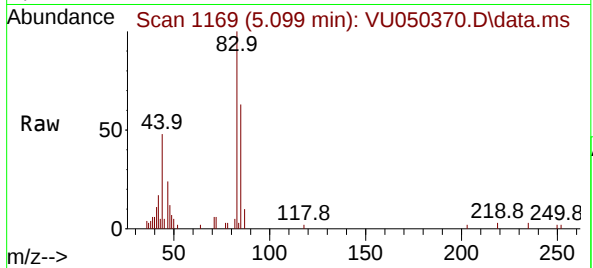
Tgt Ion	Ratio	Lower	Upper
55	100		
85	10.3	13.5	20.3
58	5.8	7.0	10.4
42	11.9	7.0	10.6





#41
Tetrahydrofuran
Concen: 0.943 ug/l m
RT: 5.099 min Scan# 1169
Delta R.T. 0.010 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

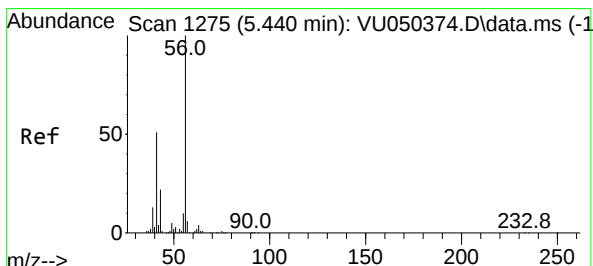
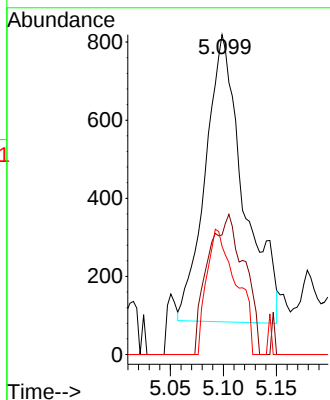
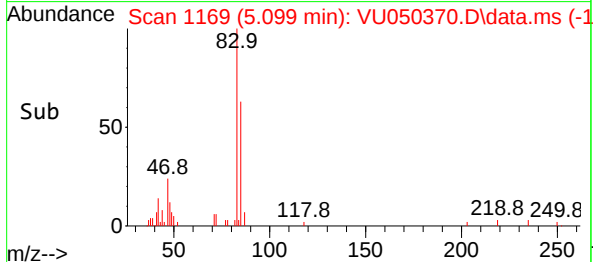
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 42 Resp: 183
Ion Ratio Lower Upper
42 100
72 46.7 38.9 58.3
71 33.8 33.7 50.5

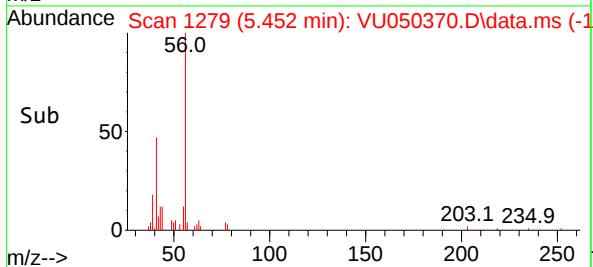
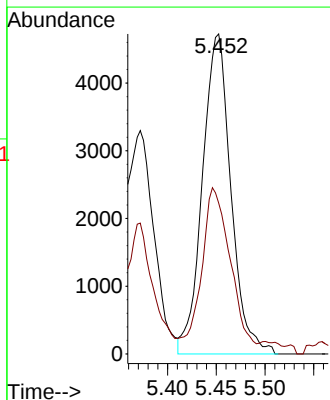
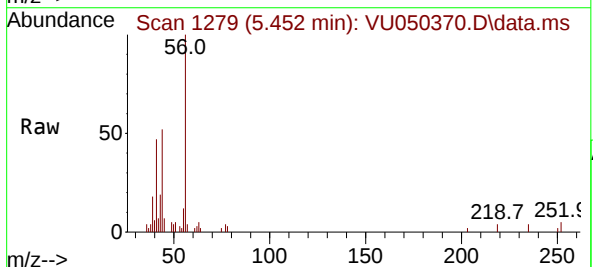
Manual Integrations
APPROVED

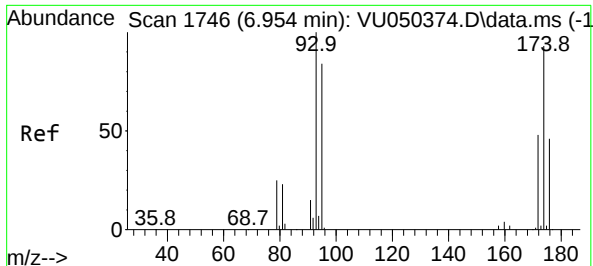
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#42
1-Chlorobutane
Concen: 0.581 ug/l
RT: 5.452 min Scan# 1279
Delta R.T. 0.013 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

Tgt Ion: 56 Resp: 9617
Ion Ratio Lower Upper
56 100
41 47.1 26.4 79.2





#43

Dibromomethane

Concen: 0.481 ug/l

RT: 6.973 min Scan# 1752

Delta R.T. 0.019 min

Lab File: VU050370.D

Acq: 19 Aug 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

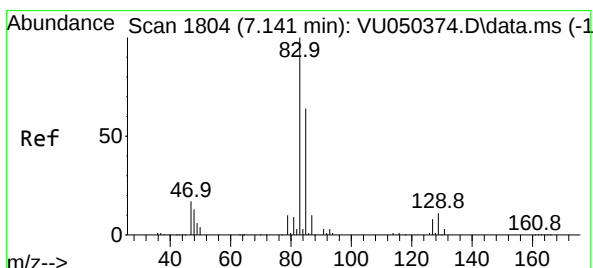
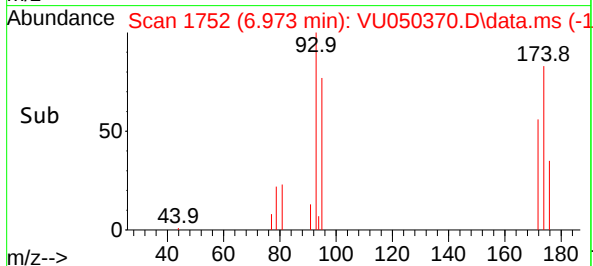
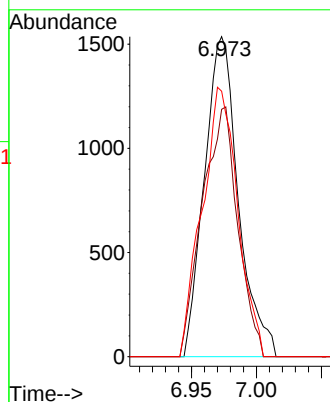
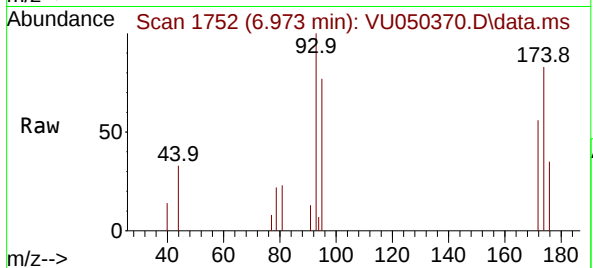
Tgt Ion: 93	Resp: 279
Ion Ratio	Lower Upper
93 100	
95 81.5	65.0 97.6
174 88.1	76.3 114.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#44

Bromodichloromethane

Concen: 0.481 ug/l

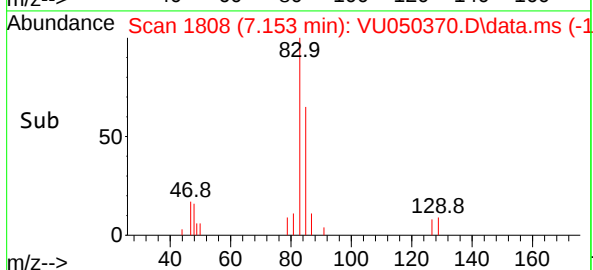
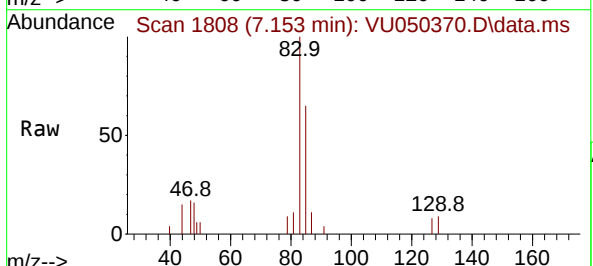
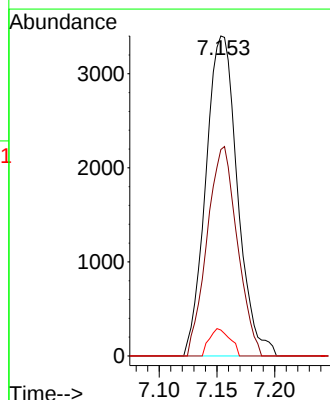
RT: 7.153 min Scan# 1808

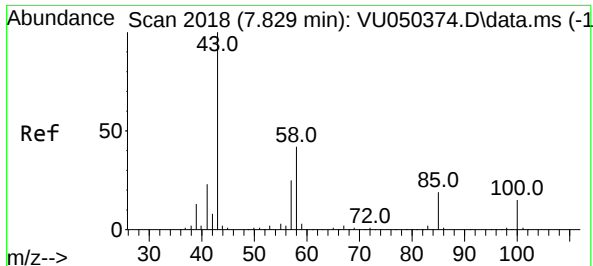
Delta R.T. 0.013 min

Lab File: VU050370.D

Acq: 19 Aug 2022 11:23

Tgt Ion: 83	Resp: 6496
Ion Ratio	Lower Upper
83 100	
85 64.5	49.4 74.0
127 8.1	6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 1.871 ug/l

RT: 7.841 min Scan# 2018

Delta R.T. 0.013 min

Lab File: VU050370.D

Acq: 19 Aug 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

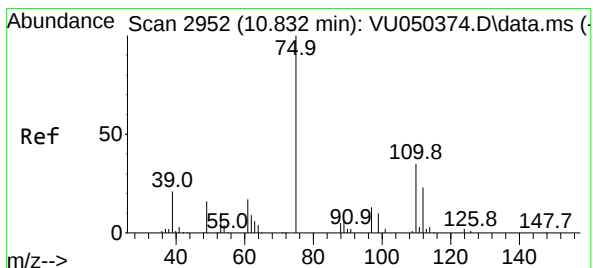
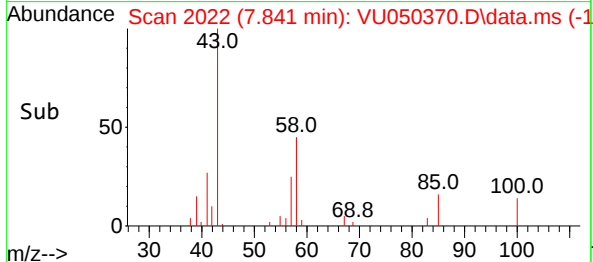
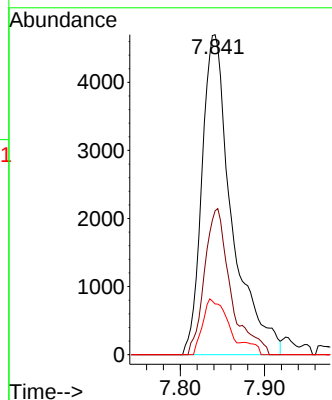
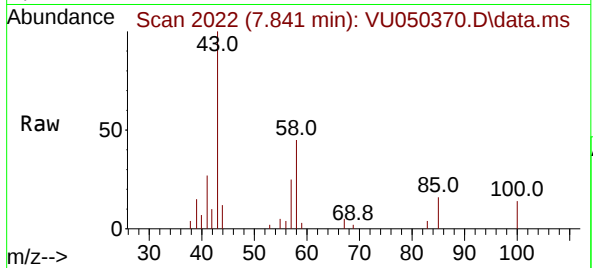
Tgt Ion:	43	Resp:	1158
Ion	Ratio	Lower	Upper
43	100		
58	40.0	20.3	61.0
85	14.1	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#46

t-1,4-Dichloro-2-butene

Concen: 0.807 ug/l m

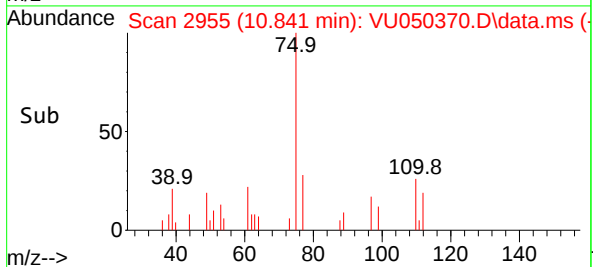
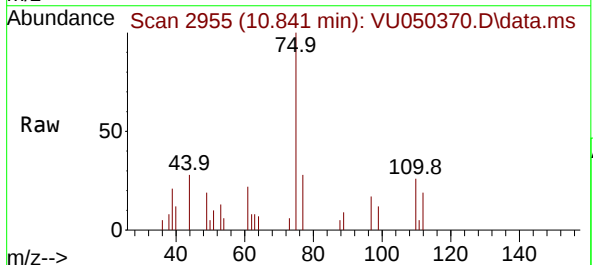
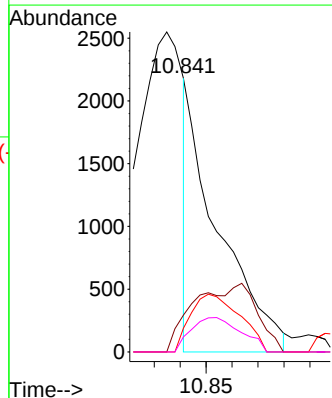
RT: 10.841 min Scan# 2955

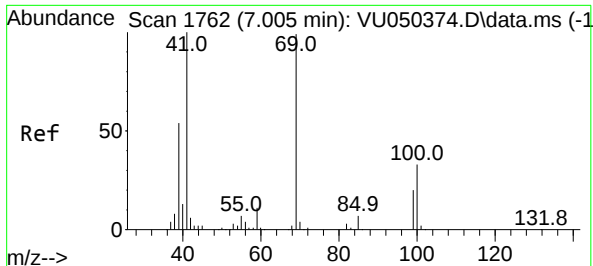
Delta R.T. 0.010 min

Lab File: VU050370.D

Acq: 19 Aug 2022 11:23

Tgt Ion:	75	Resp:	1746
Ion	Ratio	Lower	Upper
75	100		
53	29.6	64.4	96.6#
89	34.9	44.2	66.2#
88	21.0	32.8	49.2#





#47

Methyl methacrylate

Concen: 0.681 ug/l

RT: 7.025 min Scan# 1768

Delta R.T. 0.019 min

Lab File: VU050370.D

Acq: 19 Aug 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 69 Resp: 317

Ion Ratio Lower Upper

69 100

41 108.7 0.0 225.4

39 54.4 45.8 68.8

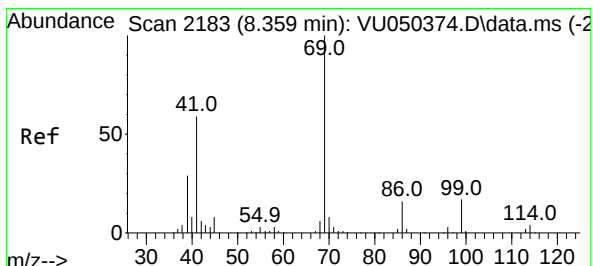
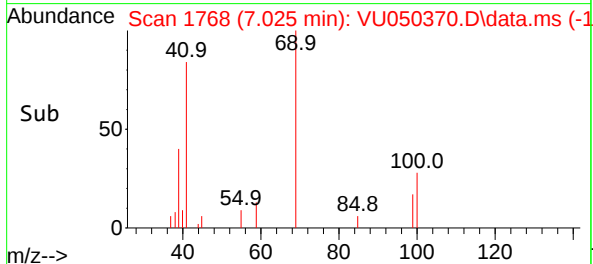
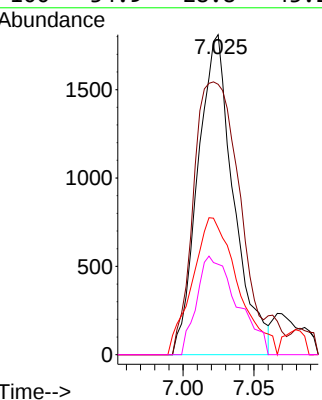
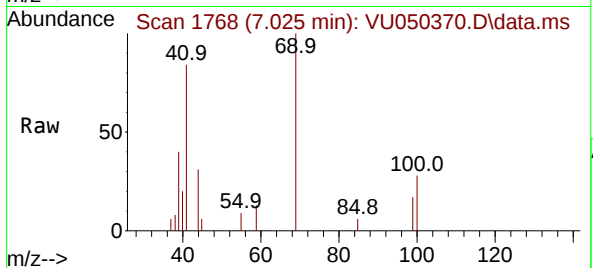
100 34.9 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#48

Ethyl methacrylate

Concen: 0.373 ug/l

RT: 8.365 min Scan# 2185

Delta R.T. 0.006 min

Lab File: VU050370.D

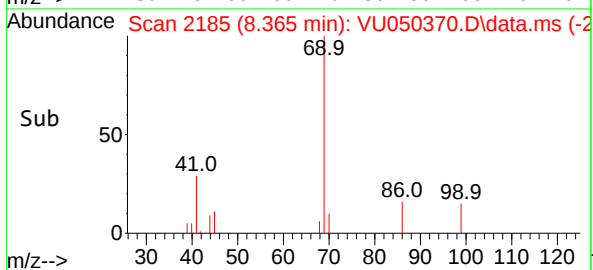
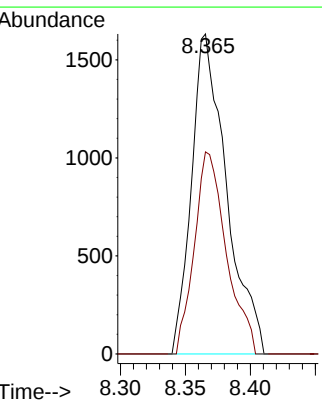
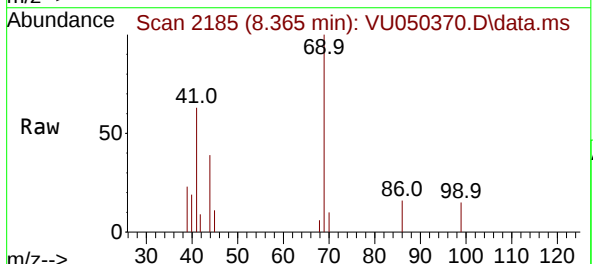
Acq: 19 Aug 2022 11:23

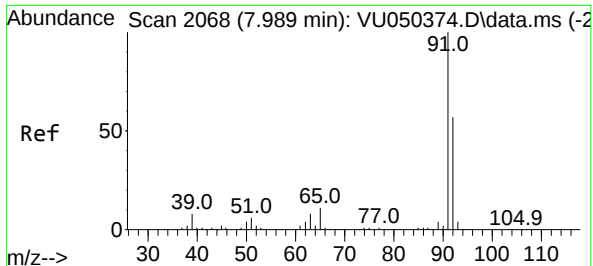
Tgt Ion: 69 Resp: 3059

Ion Ratio Lower Upper

69 100

41 57.7 32.3 96.9





#49

Toluene

Concen: 0.392 ug/l

RT: 8.002 min Scan# 2068

Delta R.T. 0.013 min

Lab File: VU050370.D

Acq: 19 Aug 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 92 Resp: 836

Ion Ratio Lower Upper

92 100

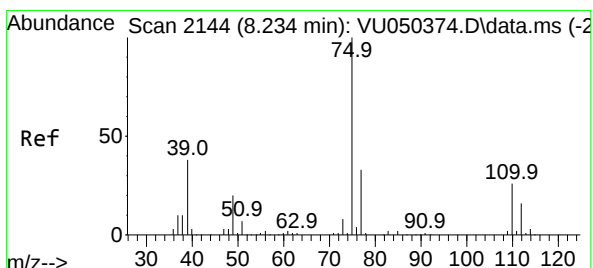
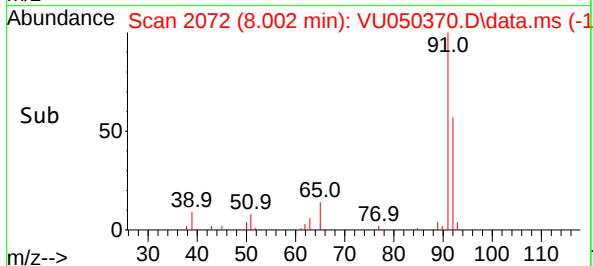
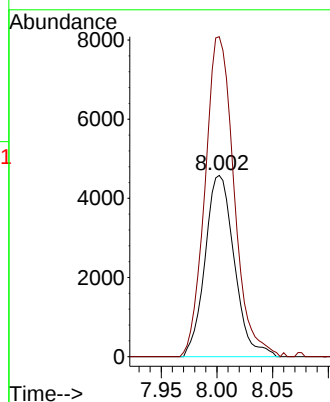
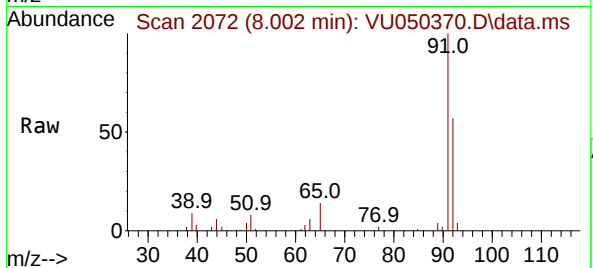
91 175.6 138.6 207.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#50

t-1,3-Dichloropropene

Concen: 0.410 ug/l

RT: 8.243 min Scan# 2147

Delta R.T. 0.010 min

Lab File: VU050370.D

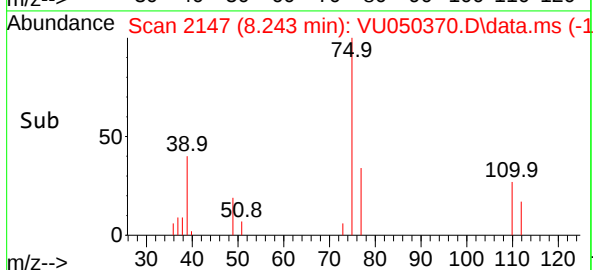
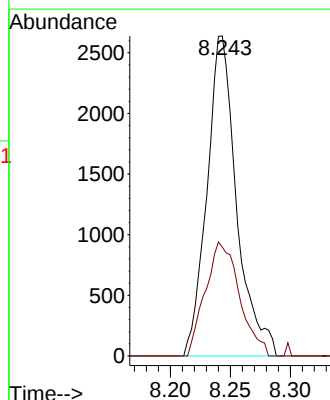
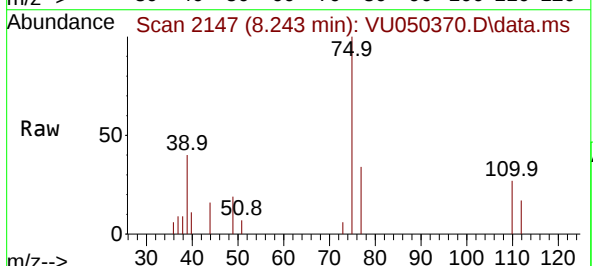
Acq: 19 Aug 2022 11:23

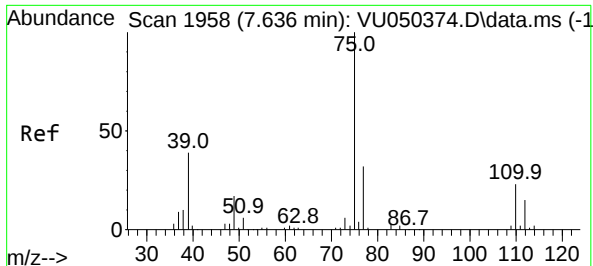
Tgt Ion: 75 Resp: 4542

Ion Ratio Lower Upper

75 100

77 34.0 24.7 37.1





#51

cis-1,3-Dichloropropene

Concen: 0.408 ug/l

RT: 7.645 min Scan# 1958

Delta R.T. 0.010 min

Lab File: VU050370.D

Acq: 19 Aug 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

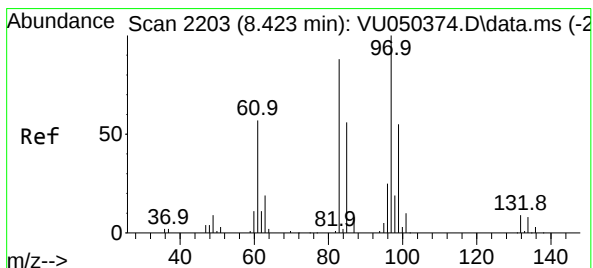
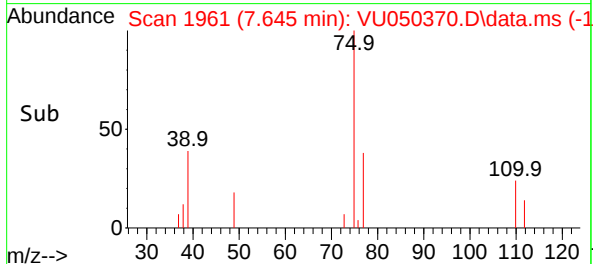
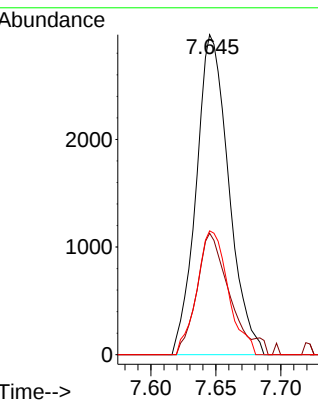
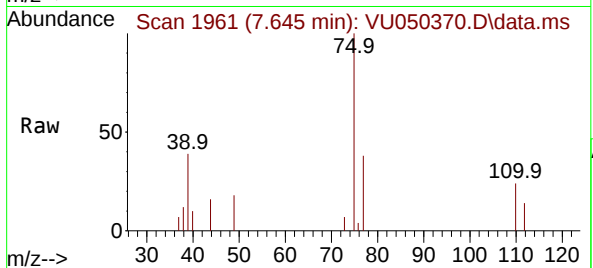
Tgt Ion: 75	Resp: 5170
Ion Ratio	Lower Upper
75 100	
77 38.0	25.4 38.0
39 38.7	35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#52

1,1,2-Trichloroethane

Concen: 0.475 ug/l

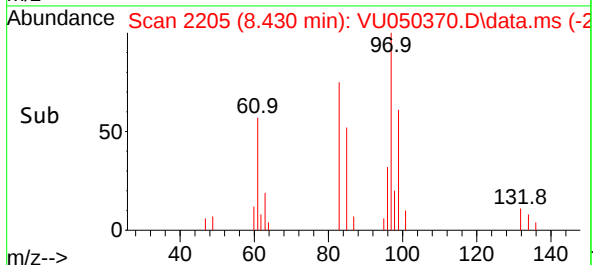
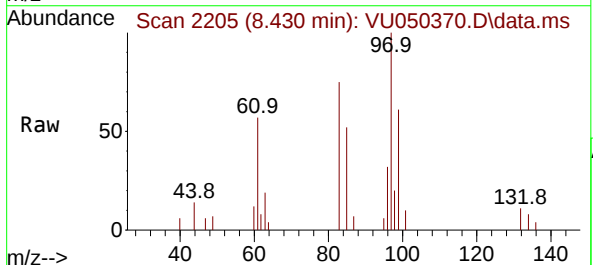
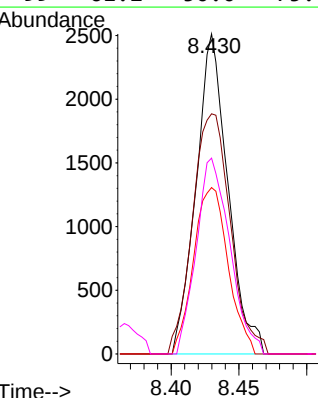
RT: 8.430 min Scan# 2205

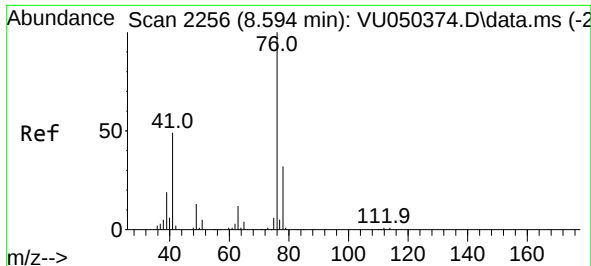
Delta R.T. 0.006 min

Lab File: VU050370.D

Acq: 19 Aug 2022 11:23

Tgt Ion: 97	Resp: 4099
Ion Ratio	Lower Upper
97 100	
83 75.0	70.6 106.0
85 52.0	46.2 69.4
99 61.2	50.0 75.0





#53

1,3-Dichloropropane

Concen: 0.452 ug/l

RT: 8.603 min Scan# 2256

Delta R.T. 0.010 min

Lab File: VU050370.D

Acq: 19 Aug 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 76 Resp: 6092

Ion Ratio Lower Upper

76 100

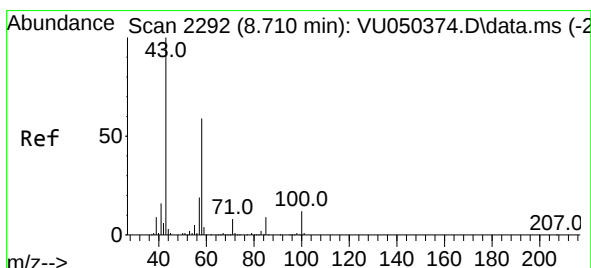
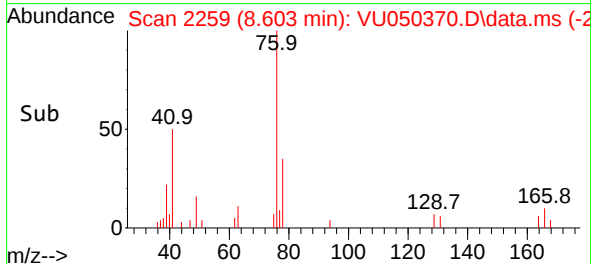
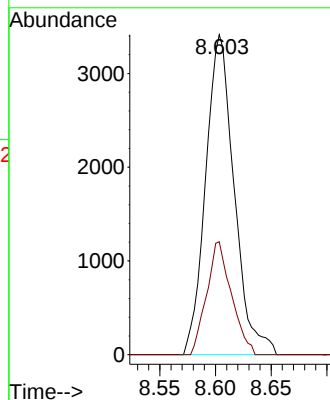
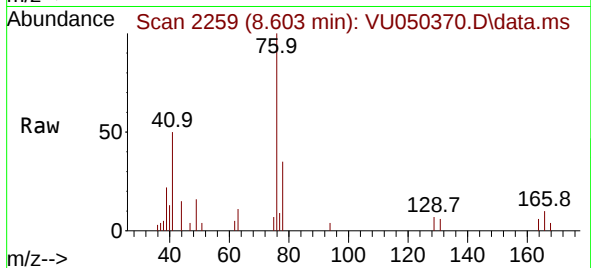
78 30.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#54

2-Hexanone

Concen: 1.954 ug/l

RT: 8.719 min Scan# 2295

Delta R.T. 0.010 min

Lab File: VU050370.D

Acq: 19 Aug 2022 11:23

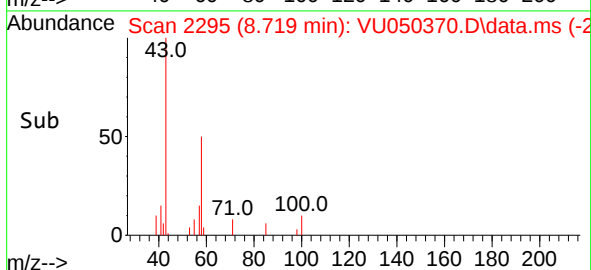
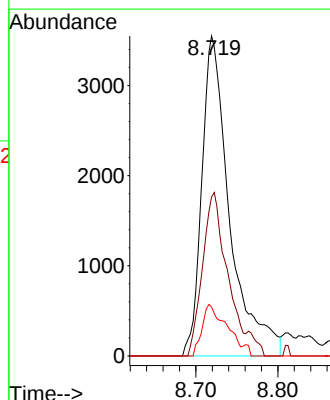
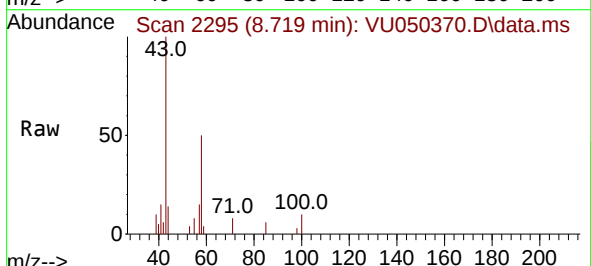
Tgt Ion: 43 Resp: 8386

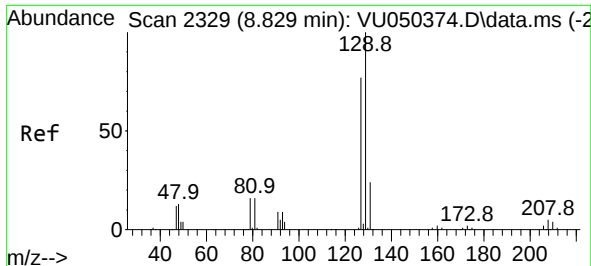
Ion Ratio Lower Upper

43 100

58 47.2 37.1 77.1

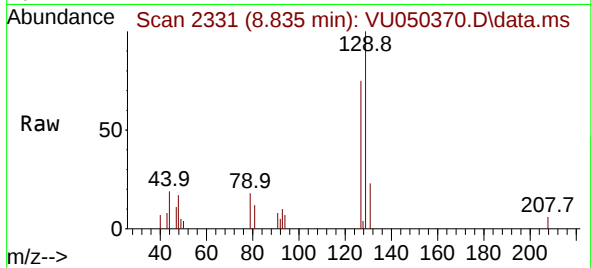
57 14.6 0.0 39.5





#55
Dibromochloromethane
Concen: 0.508 ug/l
RT: 8.835 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

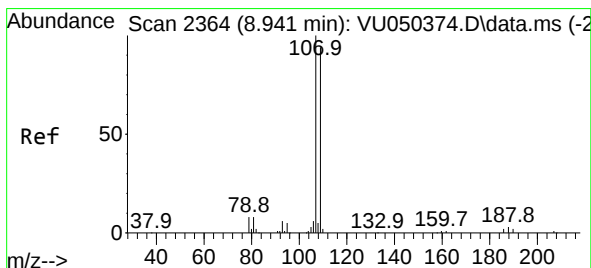
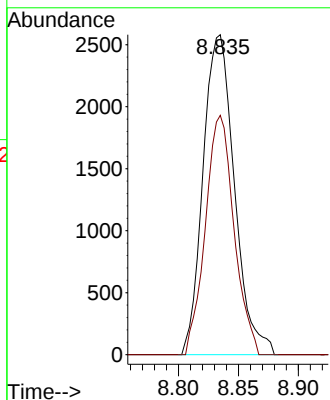
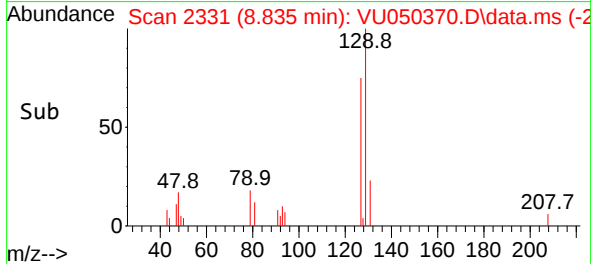
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



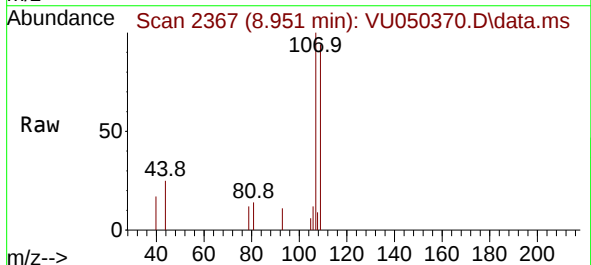
Tgt Ion:129 Resp: 469
Ion Ratio Lower Upper
129 100
127 68.2 61.2 91.8

Manual Integrations
APPROVED

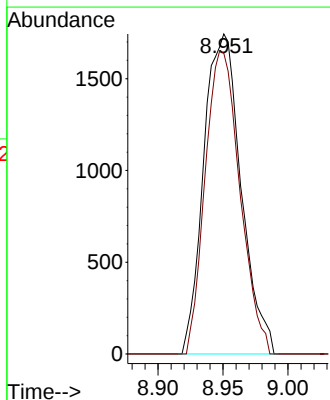
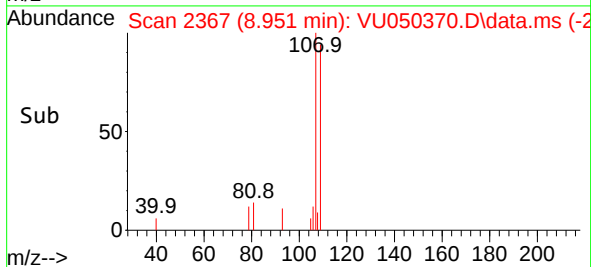
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

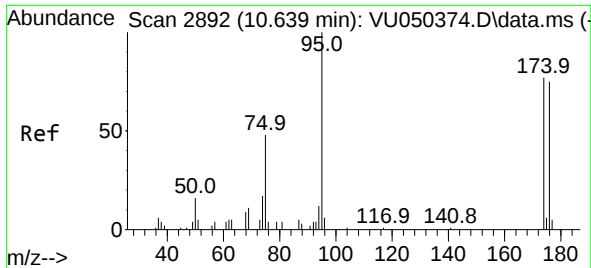


#56
1,2-Dibromoethane
Concen: 0.461 ug/l
RT: 8.951 min Scan# 2367
Delta R.T. 0.010 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23



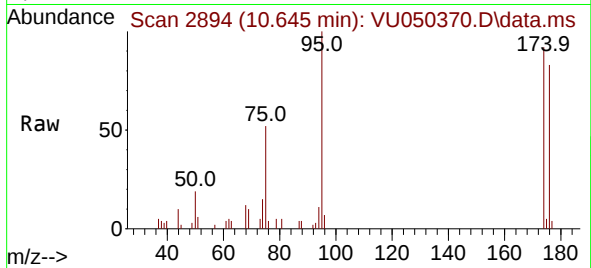
Tgt Ion:107 Resp: 3487
Ion Ratio Lower Upper
107 100
109 87.9 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 0.841 ug/l
RT: 10.645 min Scan# 2150
Delta R.T. 0.006 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

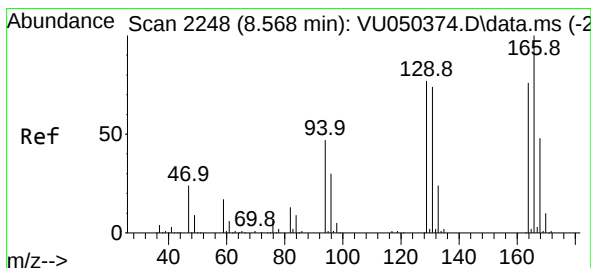
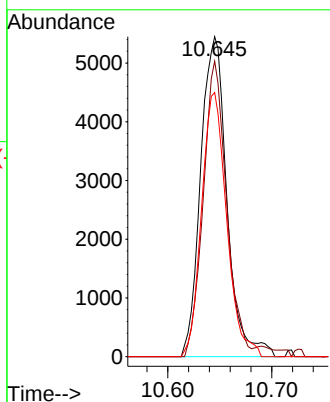
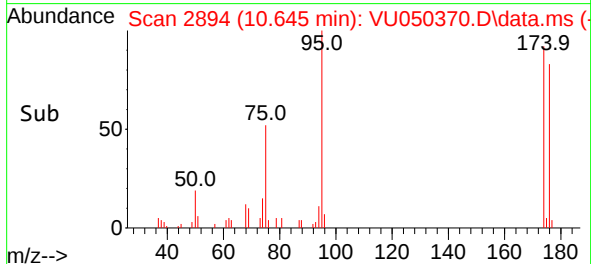
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



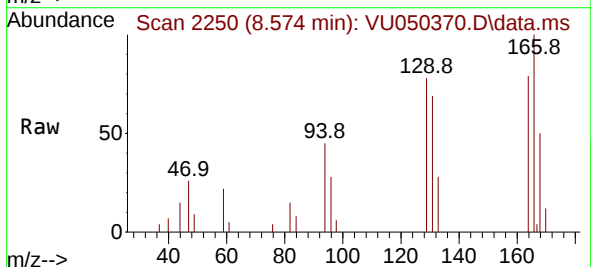
Tgt Ion: 95 Resp: 956
Ion Ratio Lower Upper
95 100
174 82.1 62.4 93.6
176 78.8 56.2 84.2

Manual Integrations
APPROVED

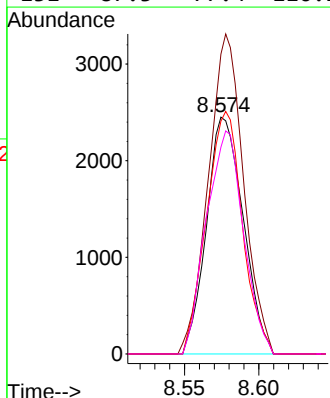
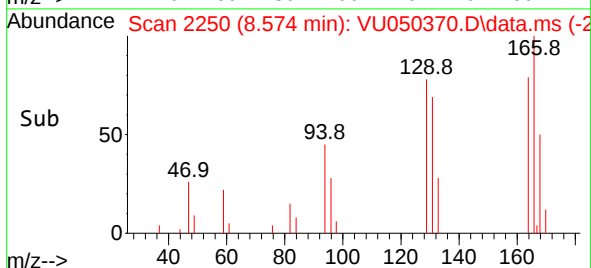
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

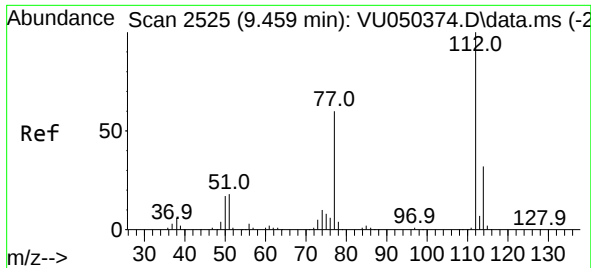


#58
Tetrachloroethene
Concen: 0.481 ug/l
RT: 8.574 min Scan# 2250
Delta R.T. 0.006 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23



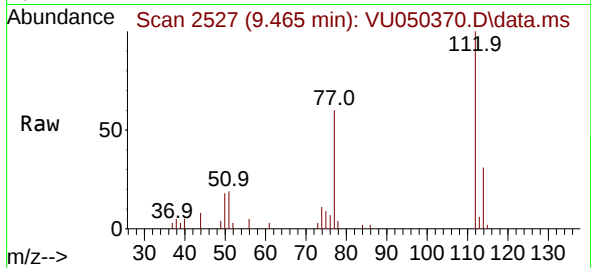
Tgt Ion:164 Resp: 4200
Ion Ratio Lower Upper
164 100
166 126.6 102.4 153.6
129 98.3 79.5 119.3
131 87.3 77.4 116.2





#59
Chlorobenzene
Concen: 0.426 ug/l
RT: 9.465 min Scan# 2527
Delta R.T. 0.006 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

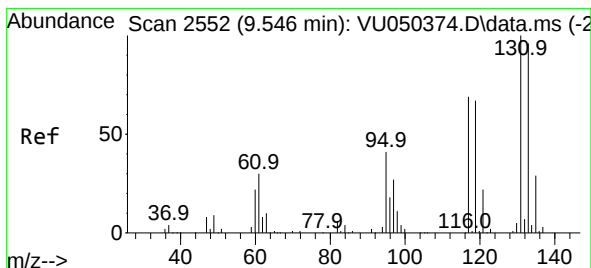
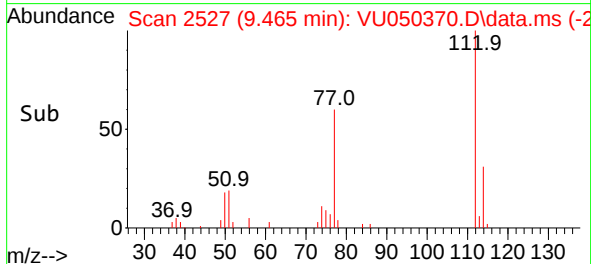
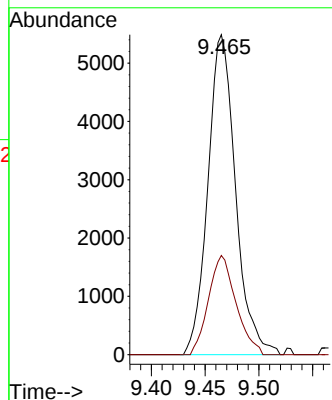
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion:112 Resp: 983
Ion Ratio Lower Upper
112 100
114 31.0 24.9 37.3

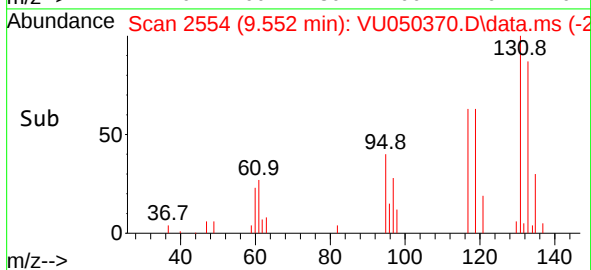
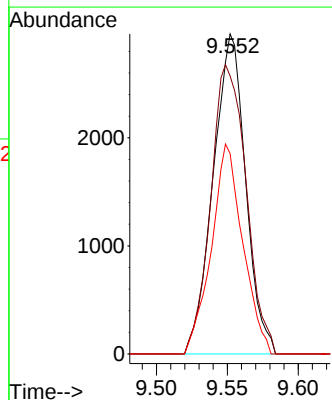
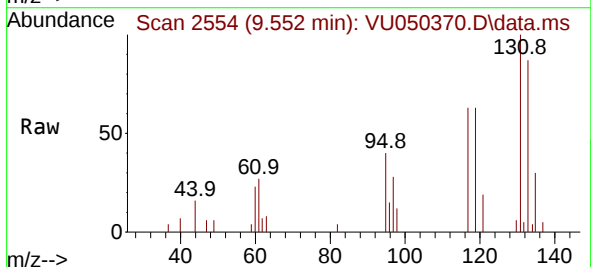
Manual Integrations
APPROVED

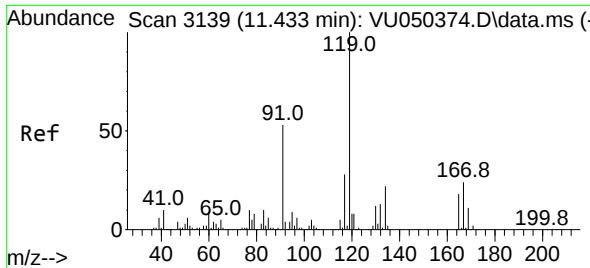
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#60
1,1,1,2-Tetrachloroethane
Concen: 0.494 ug/l
RT: 9.552 min Scan# 2554
Delta R.T. 0.006 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

Tgt Ion:131 Resp: 4712
Ion Ratio Lower Upper
131 100
133 98.6 78.3 117.5
119 63.6 53.2 79.8





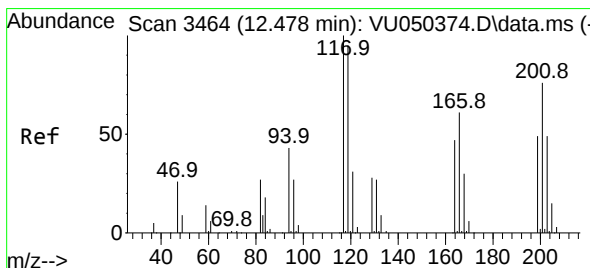
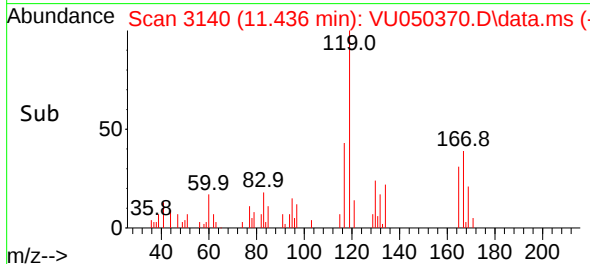
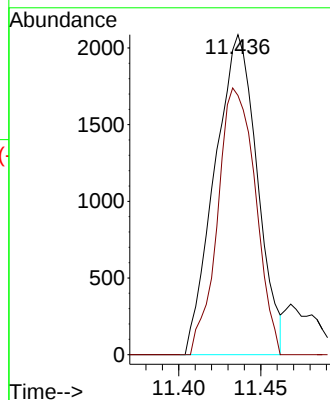
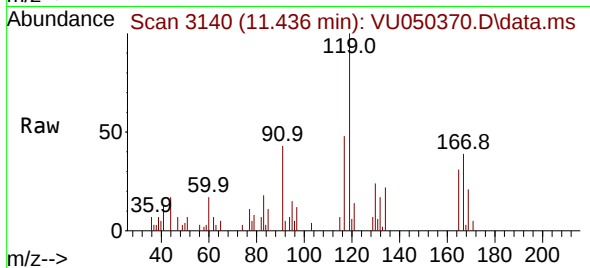
#61
Pentachloroethane
Concen: 0.477 ug/l
RT: 11.436 min Scan# 3139
Delta R.T. 0.003 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:117 Resp: 3759
Ion Ratio Lower Upper
117 100
167 74.1 66.2 99.4

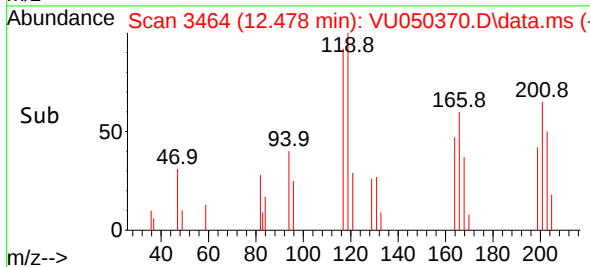
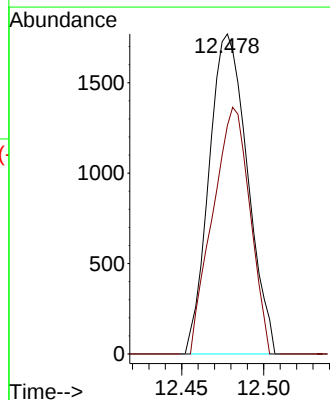
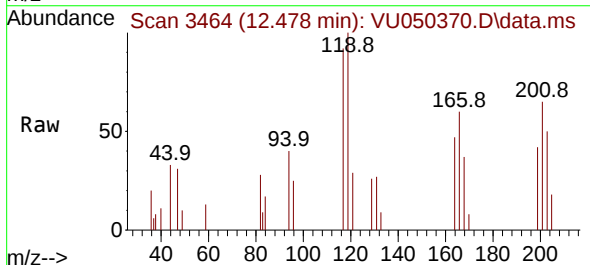
Manual Integrations
APPROVED

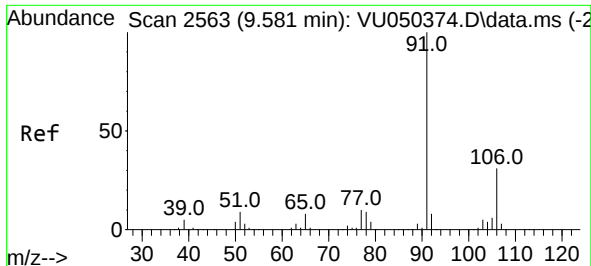
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#62
Hexachloroethane
Concen: 0.464 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

Tgt Ion:117 Resp: 2880
Ion Ratio Lower Upper
117 100
201 74.5 61.0 91.4





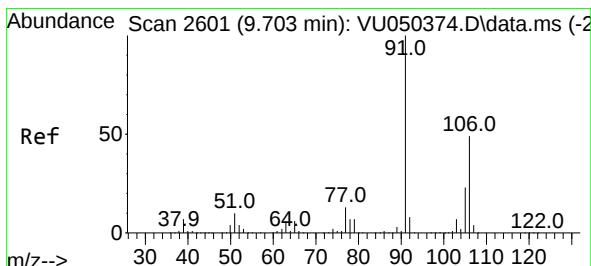
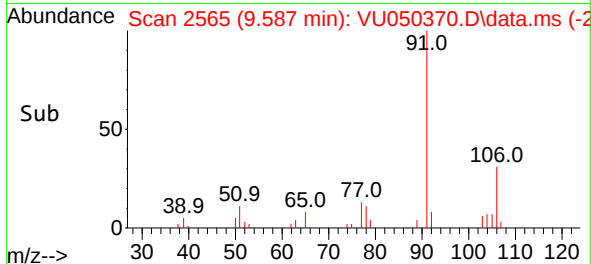
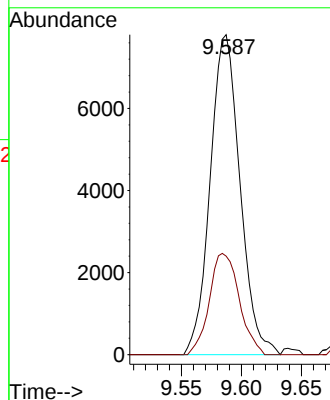
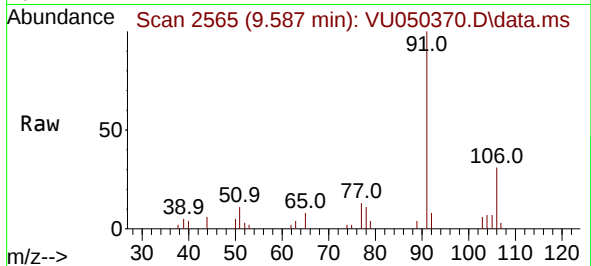
#63
Ethyl Benzene
Concen: 0.371 ug/l
RT: 9.587 min Scan# 2563
Delta R.T. 0.006 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 1348
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6

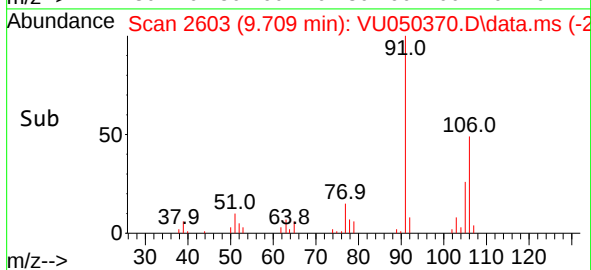
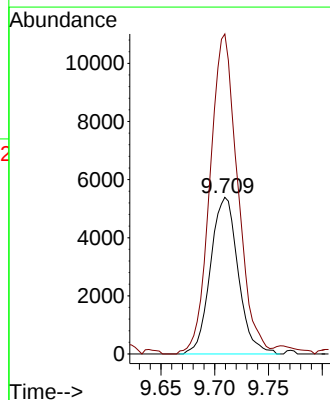
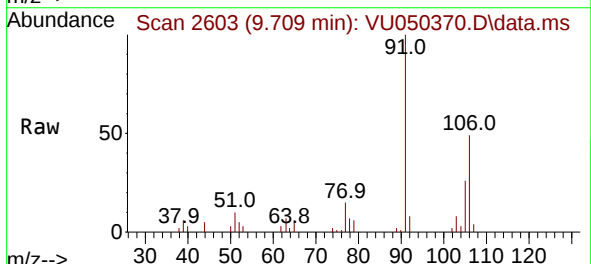
Manual Integrations
APPROVED

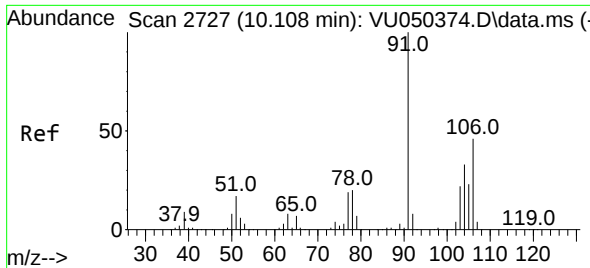
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#64
m/p-Xylenes
Concen: 0.682 ug/l
RT: 9.709 min Scan# 2603
Delta R.T. 0.006 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

Tgt Ion:106 Resp: 9644
Ion Ratio Lower Upper
106 100
91 204.6 167.8 251.6





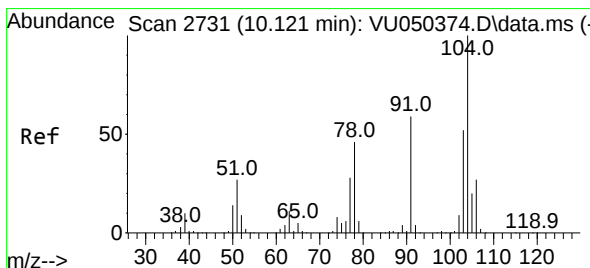
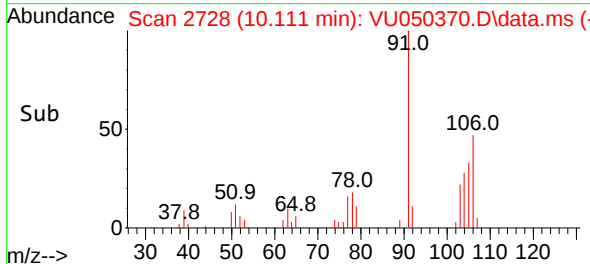
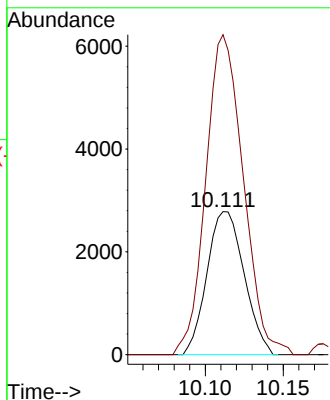
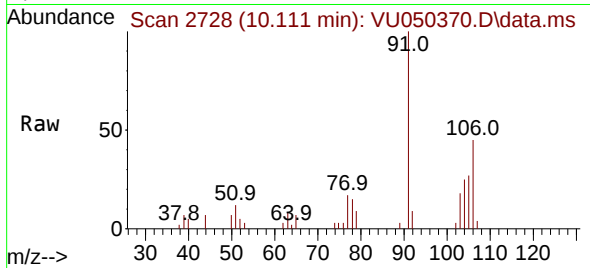
#65
o-Xylene
Concen: 0.337 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion:106 Resp: 461
Ion Ratio Lower Upper
106 100
91 225.6 111.1 333.2

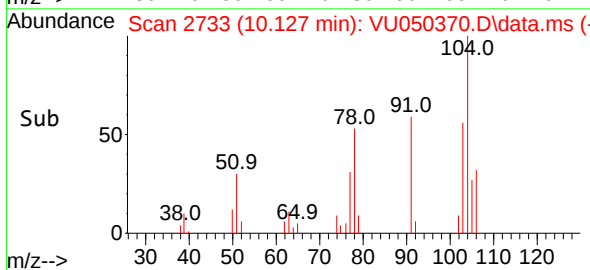
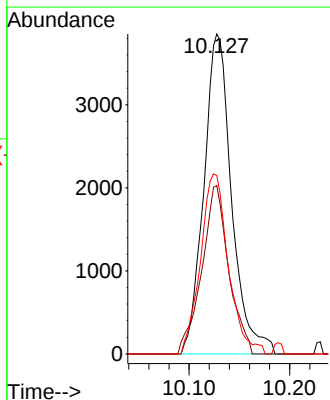
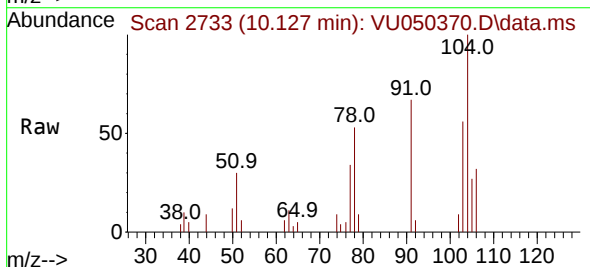
Manual Integrations
APPROVED

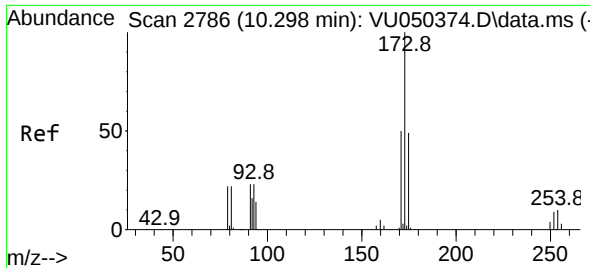
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#66
Styrene
Concen: 0.328 ug/l
RT: 10.127 min Scan# 2733
Delta R.T. 0.006 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

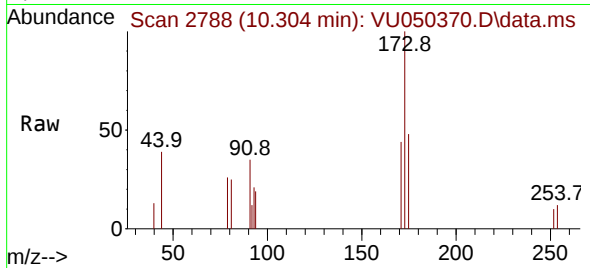
Tgt Ion:104 Resp: 7403
Ion Ratio Lower Upper
104 100
78 50.7 42.1 63.1
103 56.3 44.5 66.7





#67
Bromoform
Concen: 0.464 ug/l
RT: 10.304 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

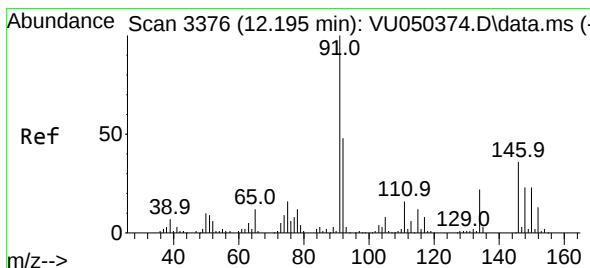
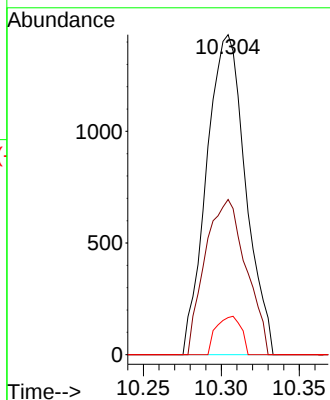
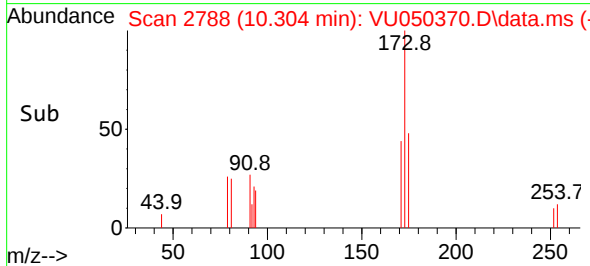
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



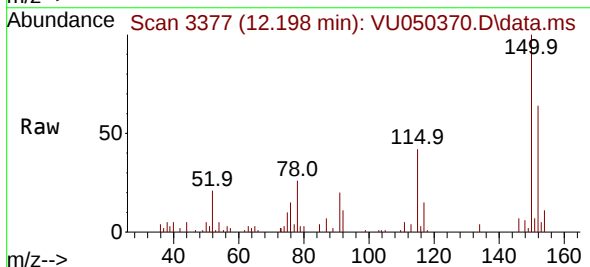
Tgt Ion:173 Resp: 249
Ion Ratio Lower Upper
173 100
175 50.8 38.4 57.6
254 7.6 7.7 11.5

Manual Integrations
APPROVED

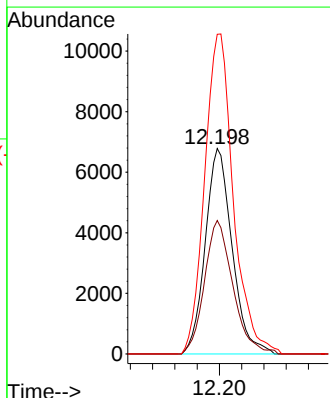
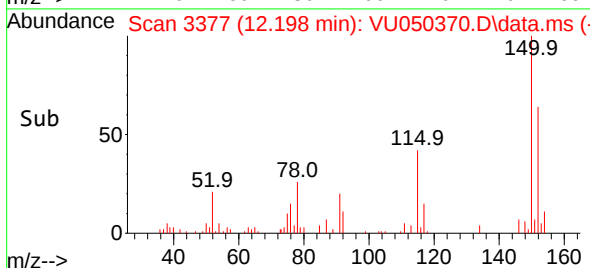
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

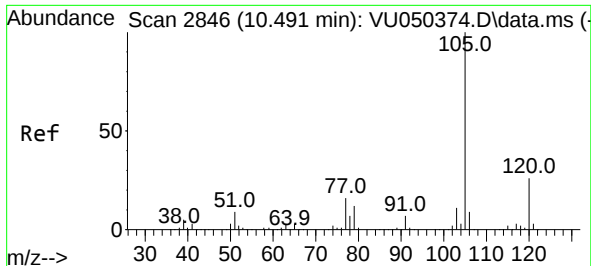


#68
1,2-Dichlorobenzene-d4
Concen: 0.891 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. 0.003 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23



Tgt Ion:152 Resp: 11368
Ion Ratio Lower Upper
152 100
115 68.4 0.0 254.6
150 166.3 0.0 623.6





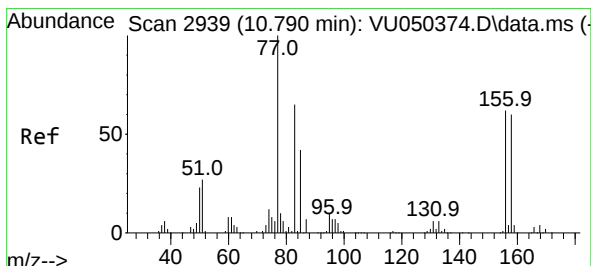
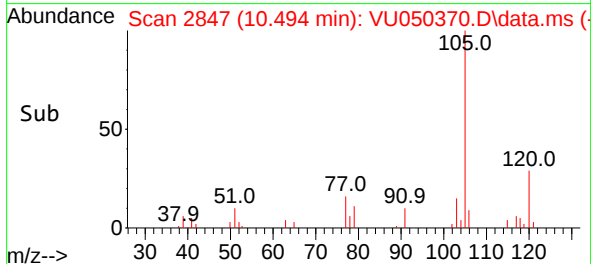
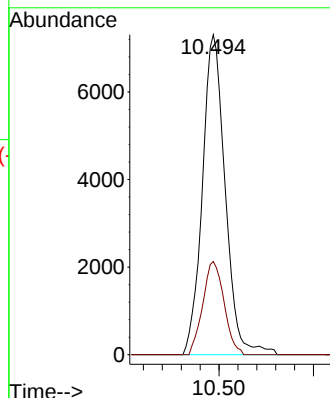
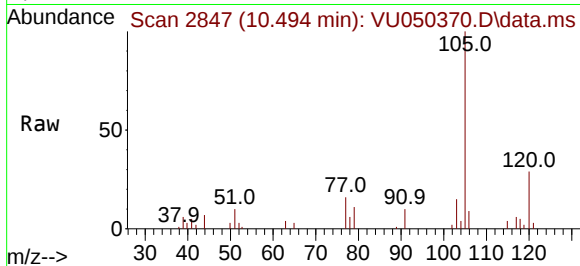
#69
Isopropylbenzene
Concen: 0.350 ug/l
RT: 10.494 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:105 Resp: 1224
Ion Ratio Lower Upper
105 100
120 27.1 12.6 37.8

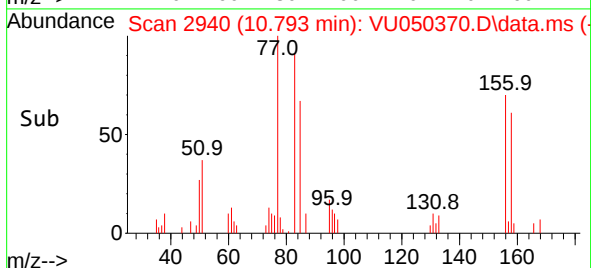
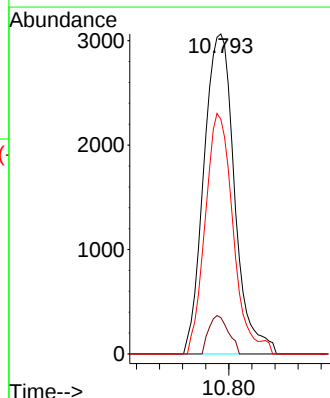
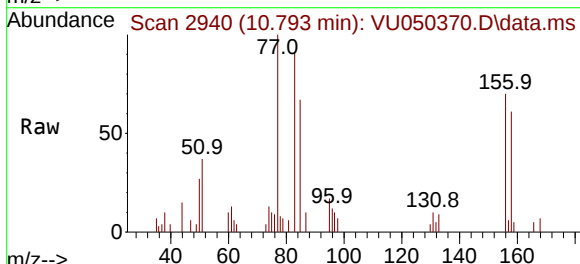
Manual Integrations
APPROVED

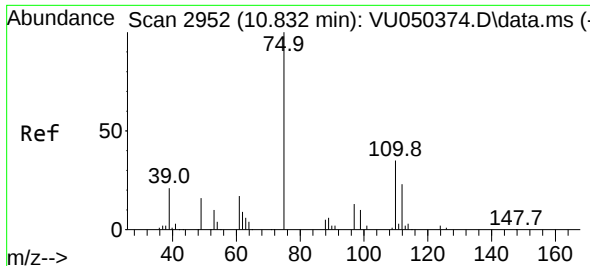
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 0.480 ug/l
RT: 10.793 min Scan# 2940
Delta R.T. 0.003 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

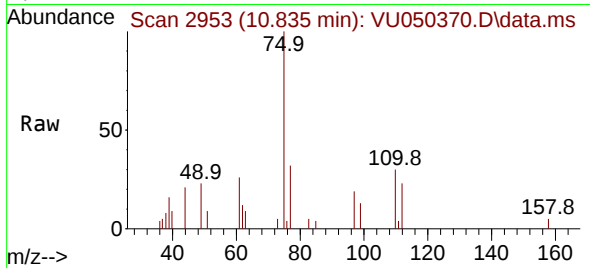
Tgt Ion: 83 Resp: 5648
Ion Ratio Lower Upper
83 100
131 7.7 7.7 11.5
85 68.4 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 0.510 ug/l m
RT: 10.835 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

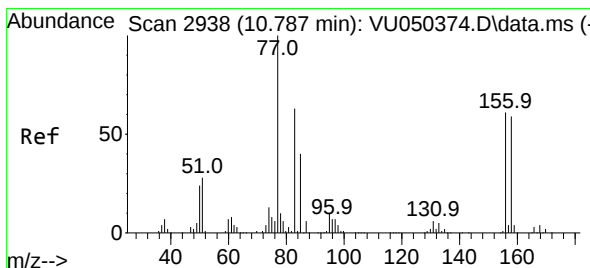
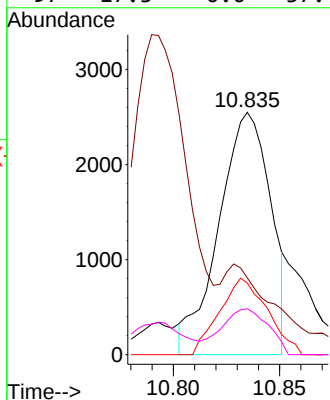
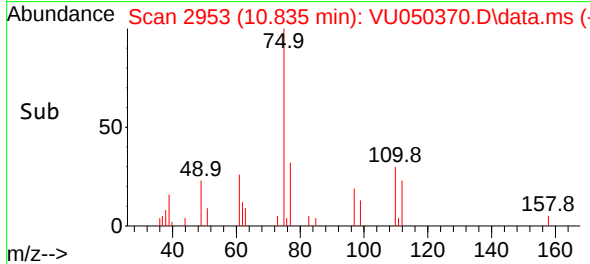
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 75 Resp: 4308
Ion Ratio Lower Upper
75 100
77 39.3 0.0 112.4
110 29.3 0.0 70.6
97 17.3 0.0 37.4

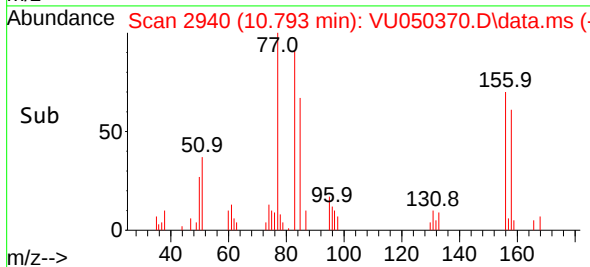
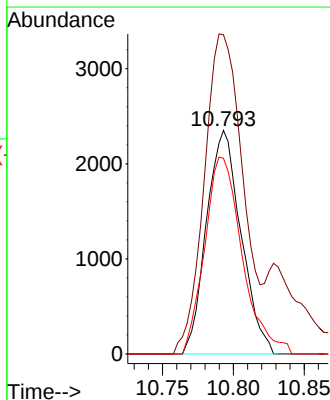
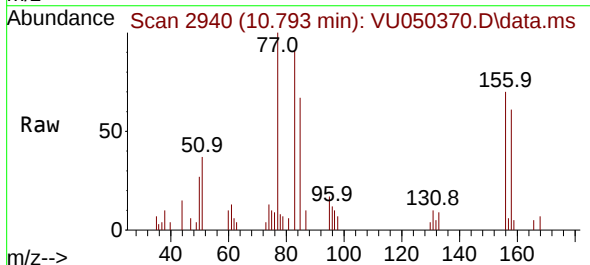
Manual Integrations
APPROVED

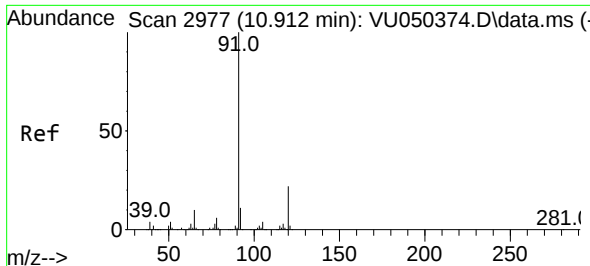
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#72
Bromobenzene
Concen: 0.409 ug/l
RT: 10.793 min Scan# 2940
Delta R.T. 0.006 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

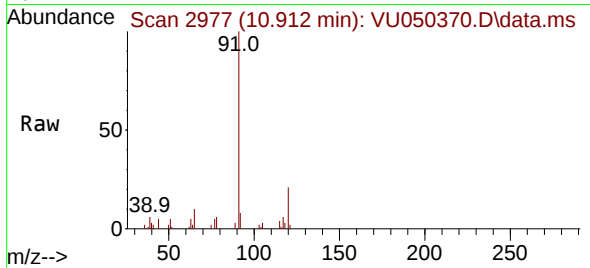
Tgt Ion:156 Resp: 3992
Ion Ratio Lower Upper
156 100
77 158.7 0.0 344.4
158 95.6 0.0 192.2





#73
n-propylbenzene
Concen: 0.329 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.000 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

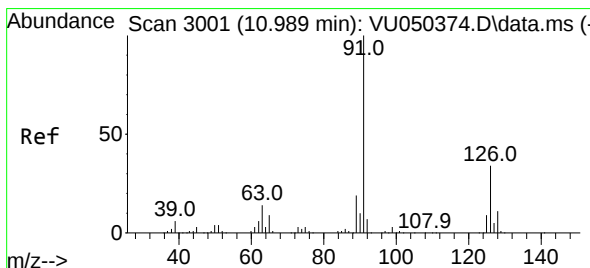
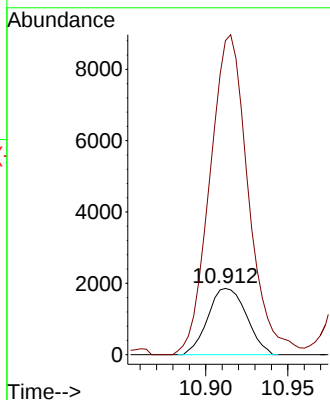
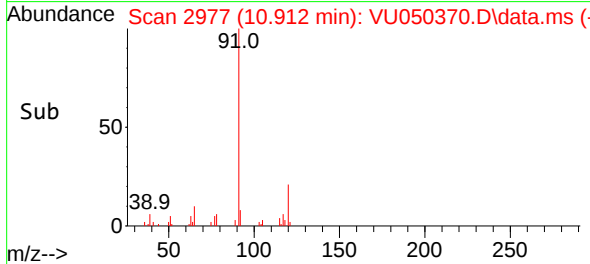
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



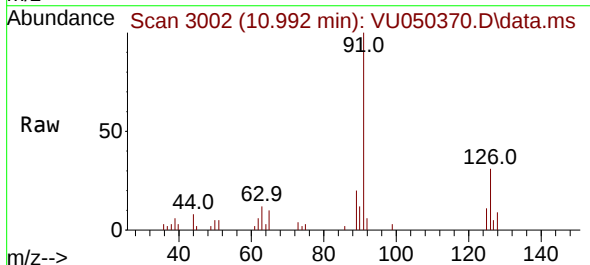
Tgt Ion:120 Resp: 3032
Ion Ratio Lower Upper
120 100
91 483.2 367.8 551.6

Manual Integrations
APPROVED

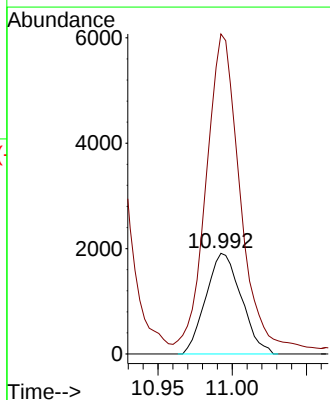
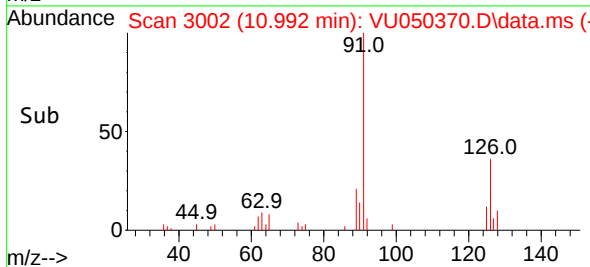
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

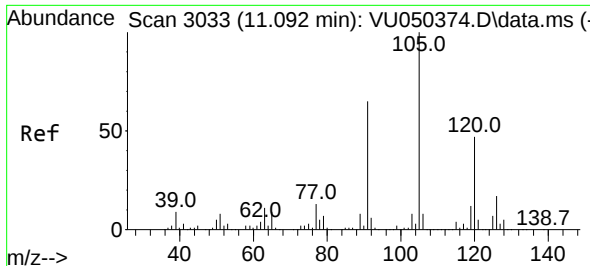


#74
2-Chlorotoluene
Concen: 0.351 ug/l
RT: 10.992 min Scan# 3002
Delta R.T. 0.003 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23



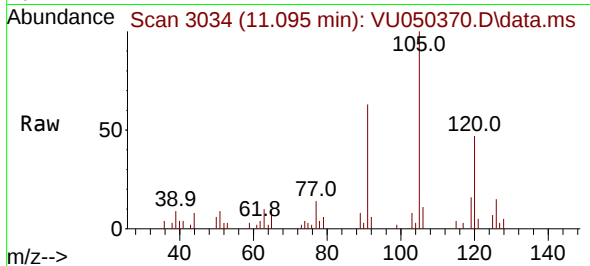
Tgt Ion:126 Resp: 3168
Ion Ratio Lower Upper
126 100
91 297.1 0.0 620.6





#75
1,3,5-Trimethylbenzene
Concen: 0.326 ug/l
RT: 11.095 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

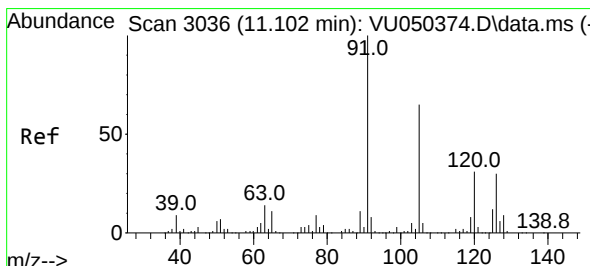
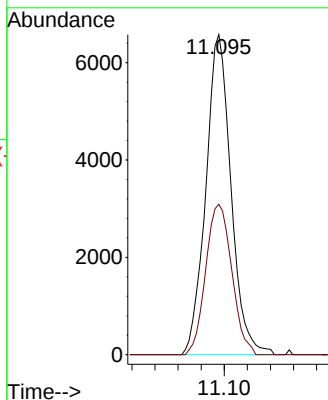
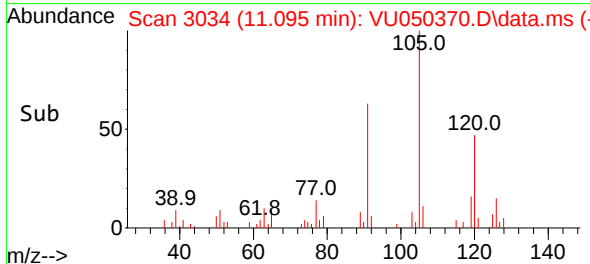
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



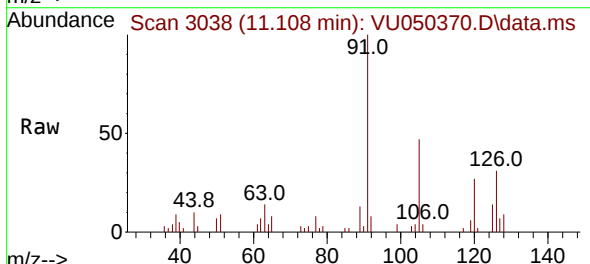
Tgt Ion:105 Resp: 996
Ion Ratio Lower Upper
105 100
120 48.6 37.6 56.4

Manual Integrations
APPROVED

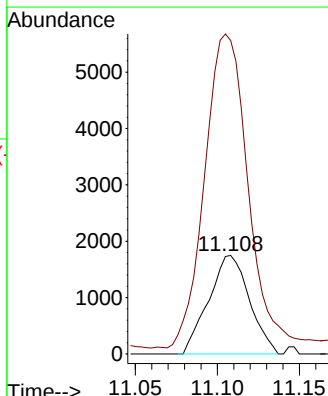
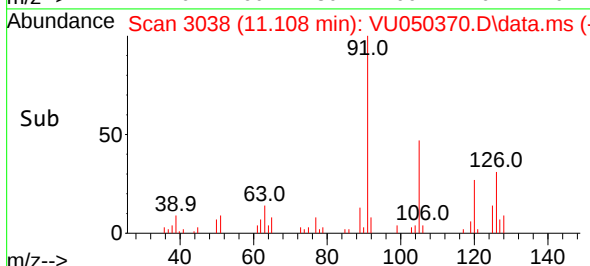
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

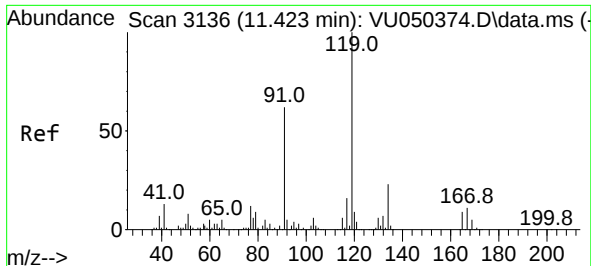


#76
4-Chlorotoluene
Concen: 0.334 ug/l
RT: 11.108 min Scan# 3038
Delta R.T. 0.006 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23



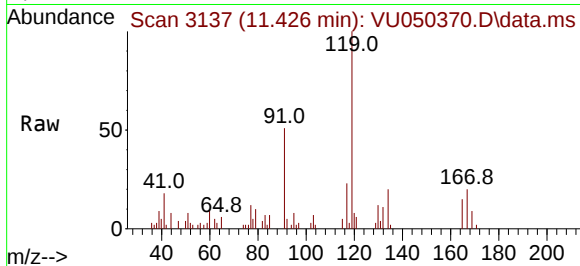
Tgt Ion:126 Resp: 3016
Ion Ratio Lower Upper
126 100
91 340.8 0.0 738.8





#77
tert-Butylbenzene
Concen: 0.366 ug/l
RT: 11.426 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

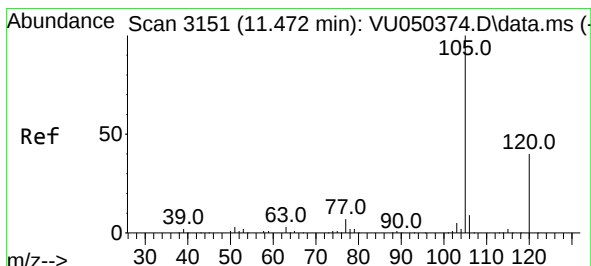
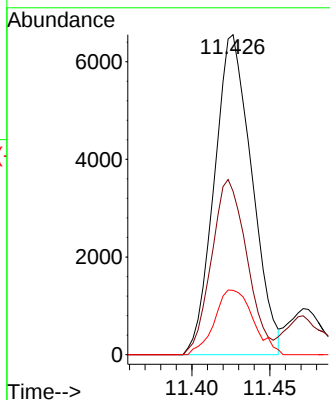
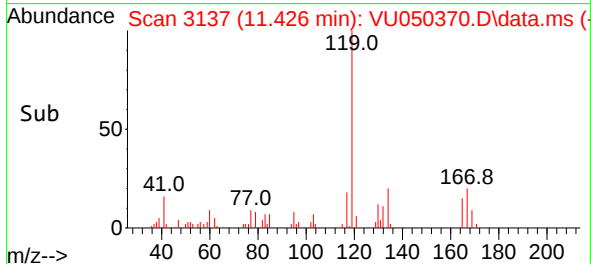
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



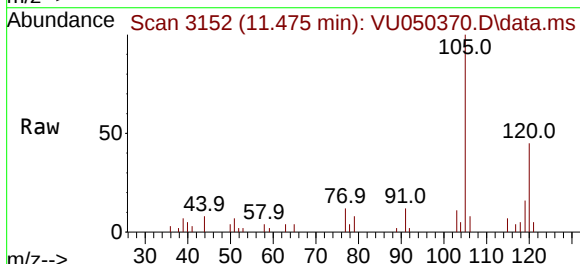
Tgt Ion:119 Resp: 10970
Ion Ratio Lower Upper
119 100
91 51.8 30.4 91.3
134 20.8 17.8 26.6

Manual Integrations
APPROVED

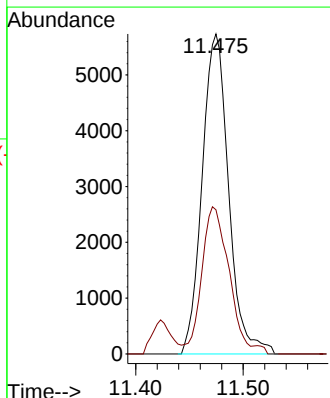
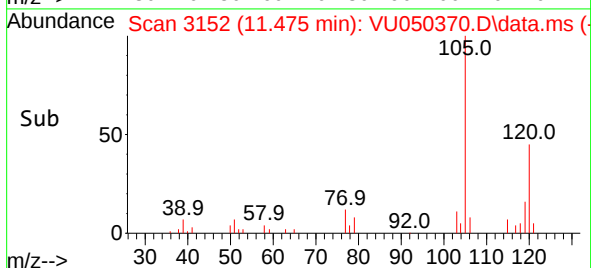
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

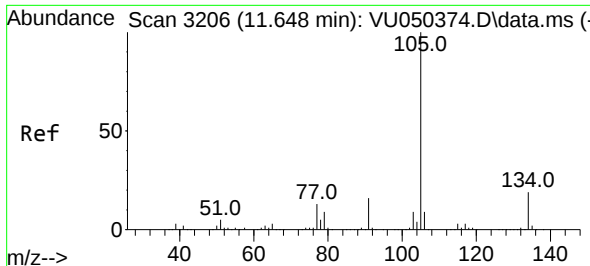


#78
1,2,4-Trimethylbenzene
Concen: 0.311 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23



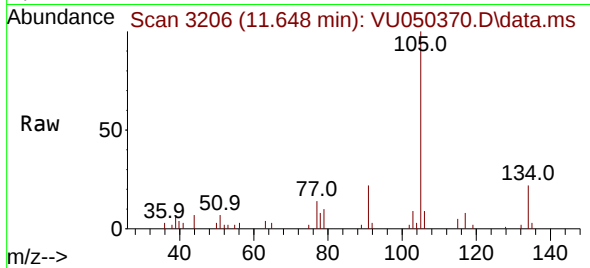
Tgt Ion:105 Resp: 9805
Ion Ratio Lower Upper
105 100
120 48.0 21.6 65.0





#79
 sec-Butylbenzene
 Concen: 0.321 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU050370.D
 Acq: 19 Aug 2022 11:23

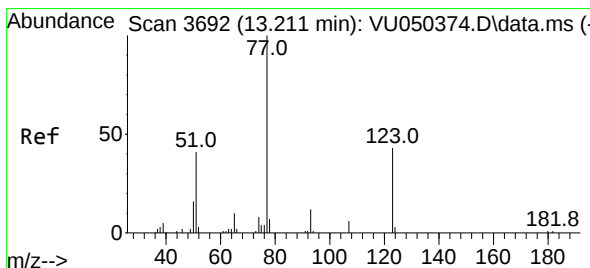
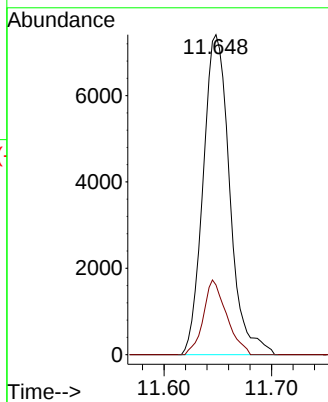
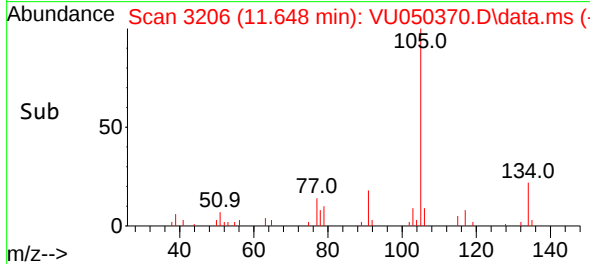
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



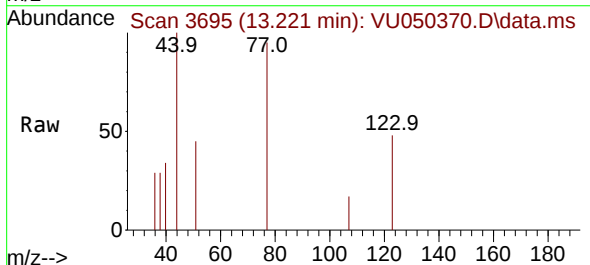
Tgt Ion:105 Resp: 1272
 Ion Ratio Lower Upper
 105 100
 134 20.4 15.4 23.0

Manual Integrations
 APPROVED

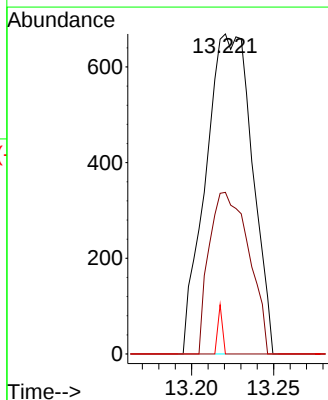
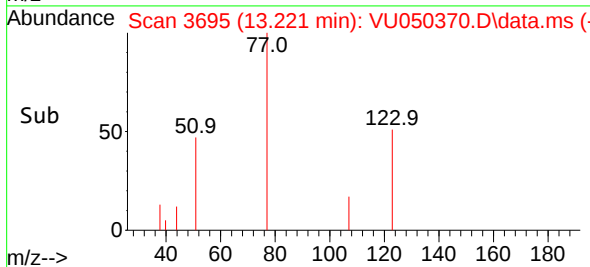
Reviewed By :Krupa Patel 08/30/2022
 Supervised By :Mahesh Dadoda 09/09/2022

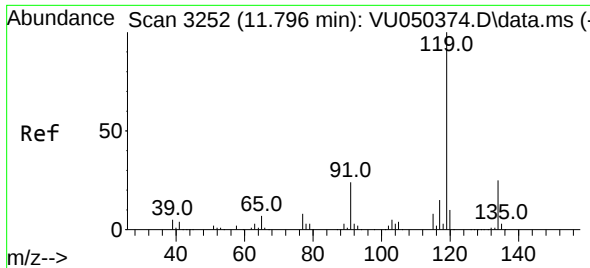


#80
 Nitrobenzene
 Concen: 1.852 ug/l
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.010 min
 Lab File: VU050370.D
 Acq: 19 Aug 2022 11:23



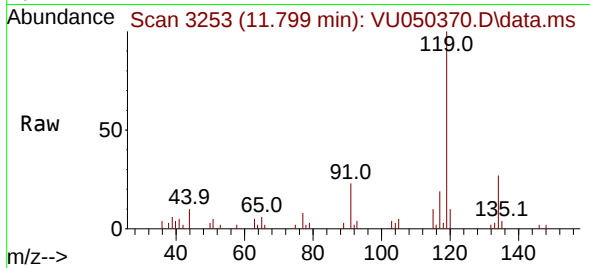
Tgt Ion: 77 Resp: 1318
 Ion Ratio Lower Upper
 77 100
 123 43.0 18.1 64.3
 65 1.5 10.8 13.8#





#81
p-Isopropyltoluene
Concen: 0.306 ug/l
RT: 11.799 min Scan# 3253
Delta R.T. 0.003 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

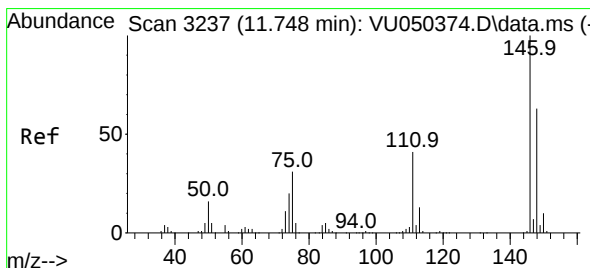
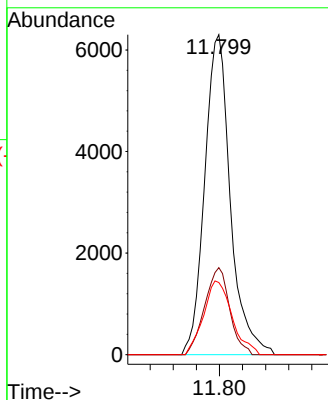
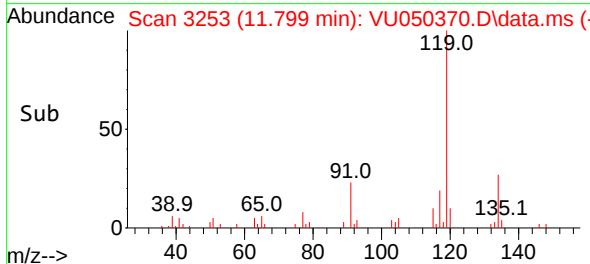
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



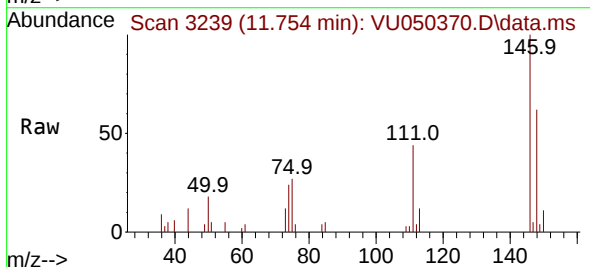
Tgt Ion:119 Resp: 9709
Ion Ratio Lower Upper
119 100
134 26.5 20.5 30.7
91 25.6 19.8 29.6

Manual Integrations
APPROVED

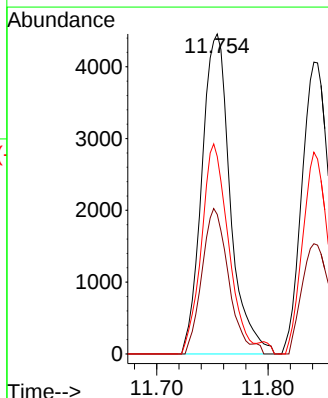
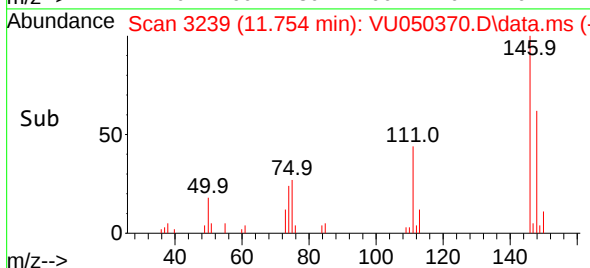
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

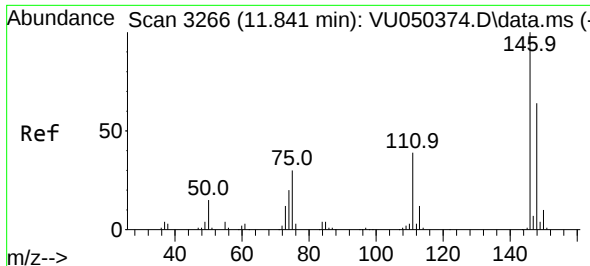


#82
1,3-Dichlorobenzene
Concen: 0.398 ug/l
RT: 11.754 min Scan# 3239
Delta R.T. 0.006 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23



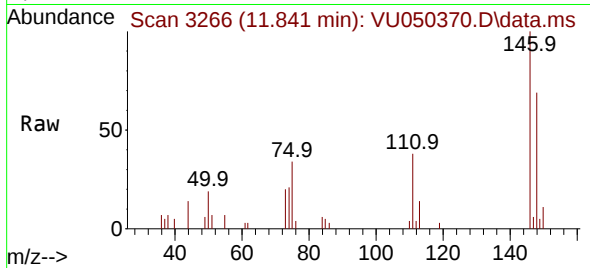
Tgt Ion:146 Resp: 7903
Ion Ratio Lower Upper
146 100
111 43.1 33.4 50.2
148 62.4 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 0.375 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

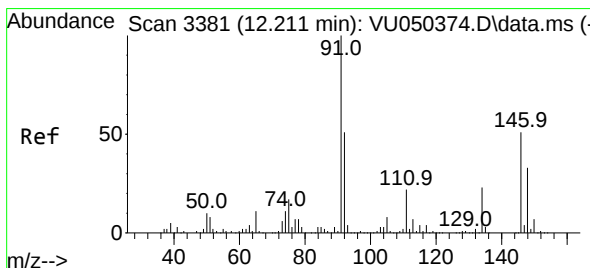
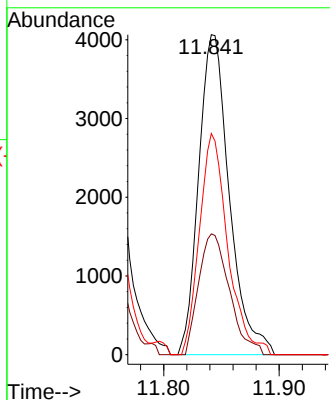
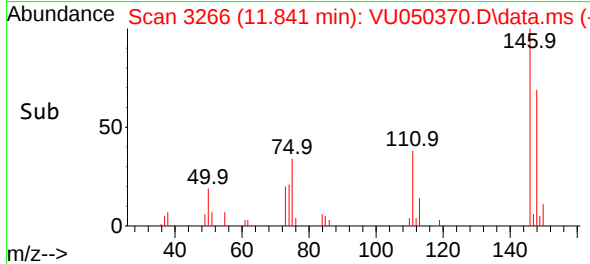
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



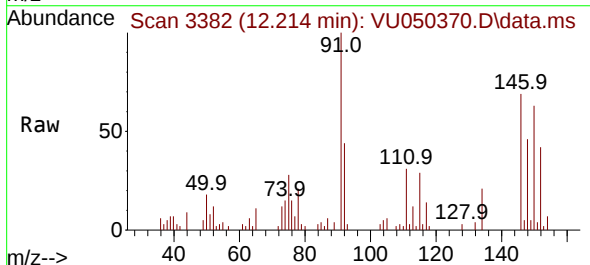
Tgt Ion:146 Resp: 7499
Ion Ratio Lower Upper
146 100
111 37.9 32.6 49.0
148 64.0 51.6 77.4

Manual Integrations
APPROVED

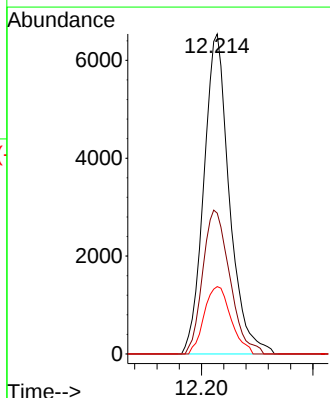
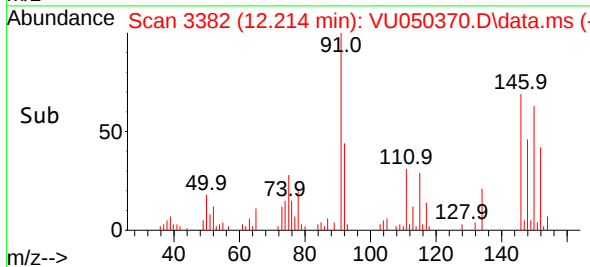
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

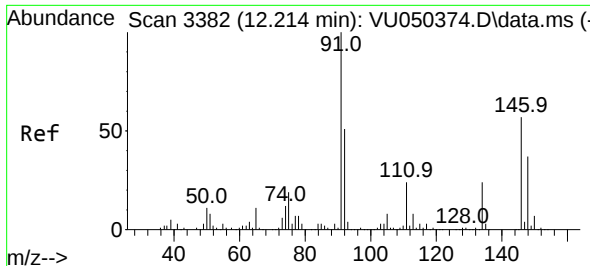


#84
n-Butylbenzene
Concen: 0.346 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23



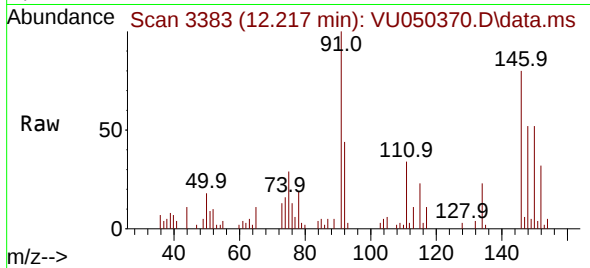
Tgt Ion: 91 Resp: 10413
Ion Ratio Lower Upper
91 100
92 47.7 42.3 63.5
134 22.0 19.6 29.4





#85
1,2-Dichlorobenzene
Concen: 0.400 ug/l
RT: 12.217 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23

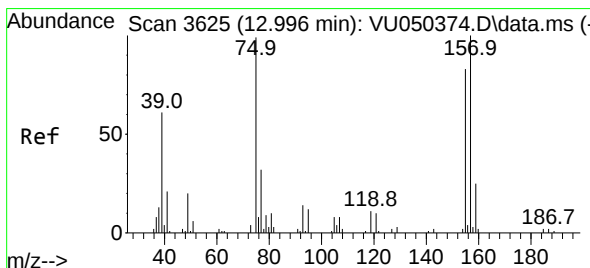
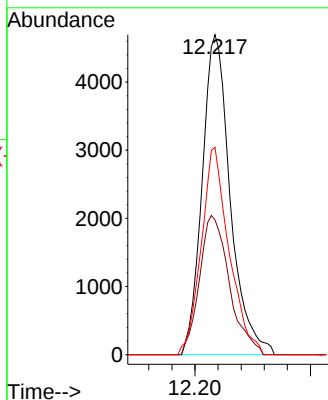
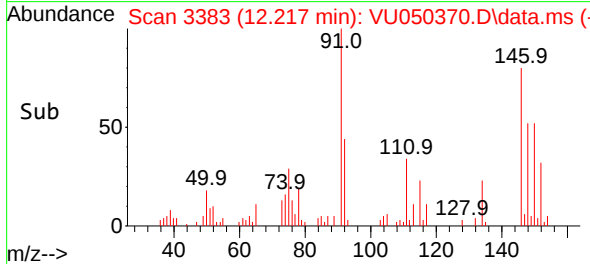
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



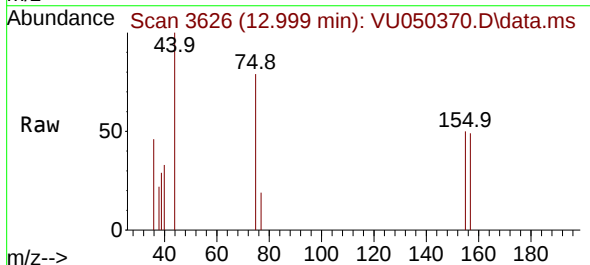
Tgt Ion:146 Resp: 7938
Ion Ratio Lower Upper
146 100
111 46.2 22.1 66.1
148 64.2 32.1 96.3

Manual Integrations
APPROVED

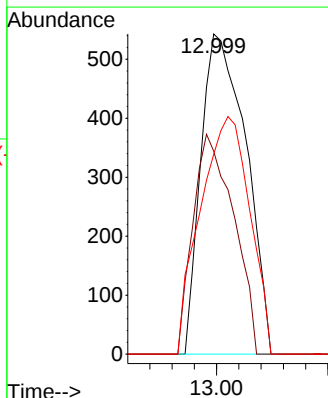
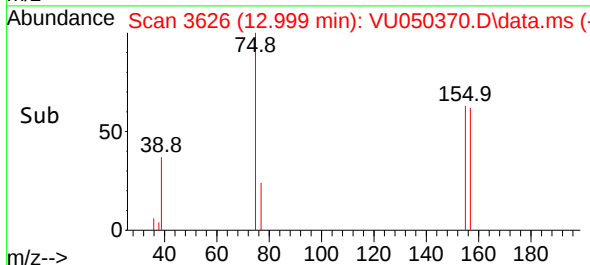
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

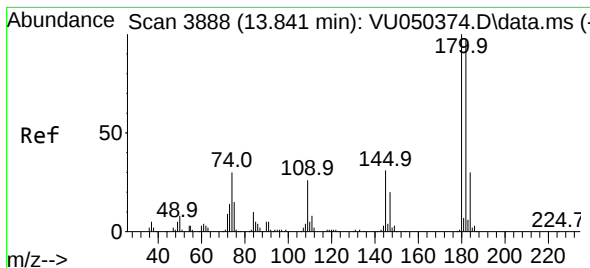


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.404 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU050370.D
Acq: 19 Aug 2022 11:23



Tgt Ion: 75 Resp: 761
Ion Ratio Lower Upper
75 100
155 62.3 66.8 100.2#
157 81.6 83.8 125.8#





#87

1,2,4-Trichlorobenzene

Concen: 0.389 ug/l

RT: 13.844 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU050370.D

Acq: 19 Aug 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

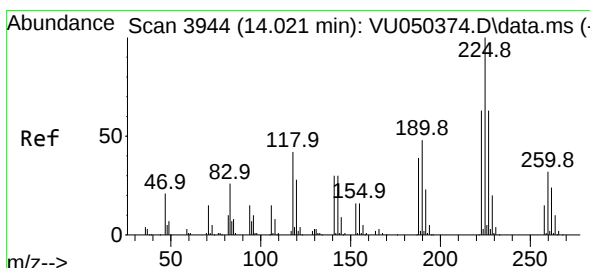
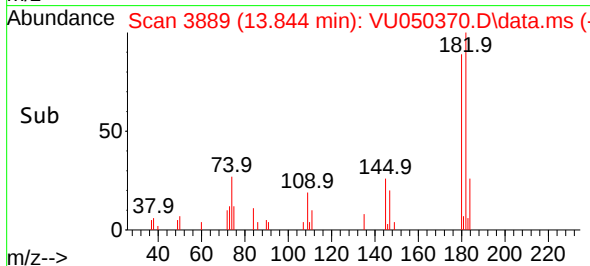
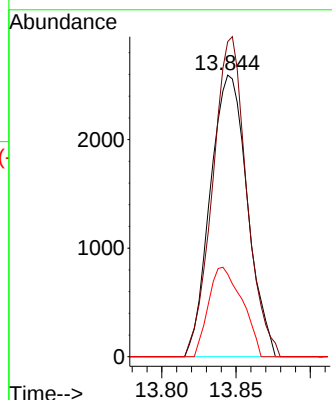
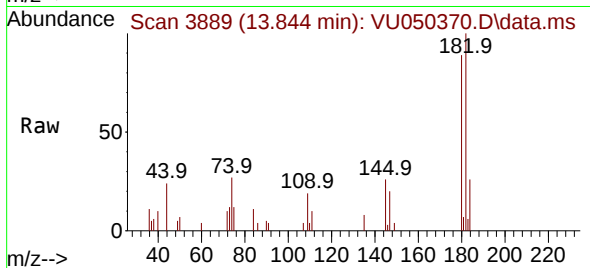
Tgt Ion:	180	Resp:	4500
Ion Ratio	Lower	Upper	
180	100		
182	103.8	77.0	115.6
145	28.8	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#88

Hexachlorobutadiene

Concen: 0.487 ug/l

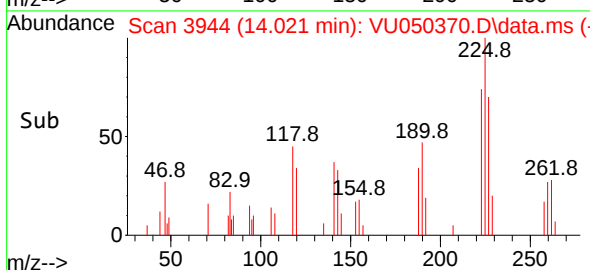
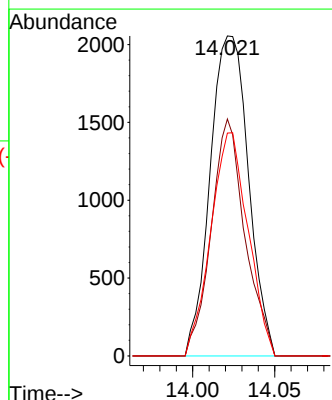
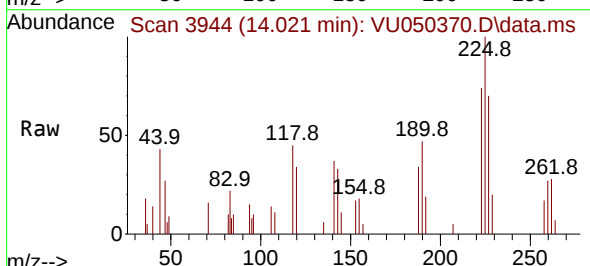
RT: 14.021 min Scan# 3944

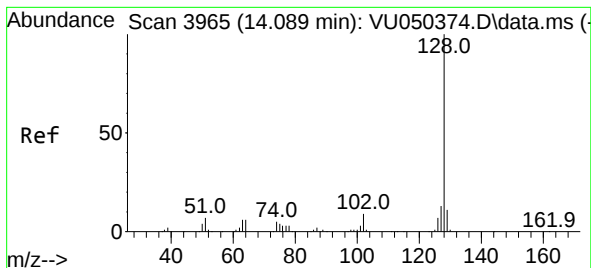
Delta R.T. -0.000 min

Lab File: VU050370.D

Acq: 19 Aug 2022 11:23

Tgt Ion:	225	Resp:	3337
Ion Ratio	Lower	Upper	
225	100		
223	65.3	50.6	76.0
227	67.6	50.7	76.1





#89

Naphthalene

Concen: 0.385 ug/l

RT: 14.092 min Scan# 3966

Delta R.T. 0.003 min

Lab File: VU050370.D

Acq: 19 Aug 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

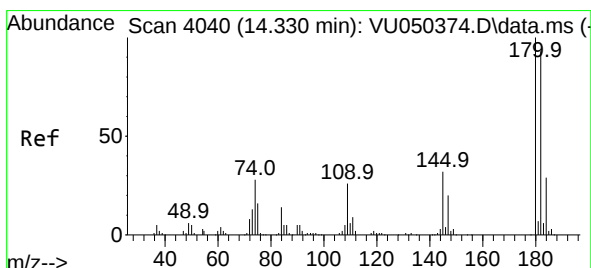
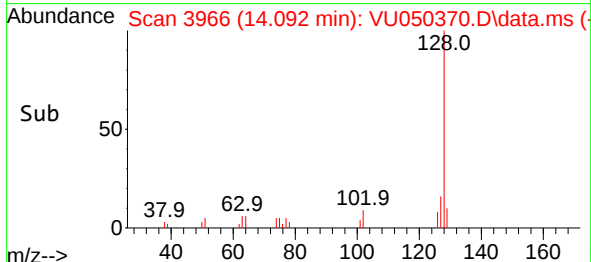
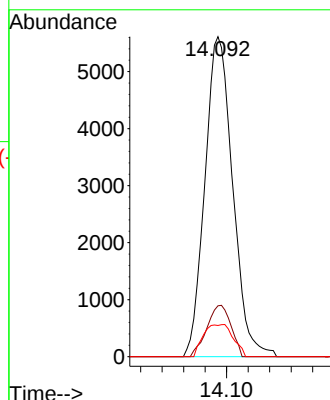
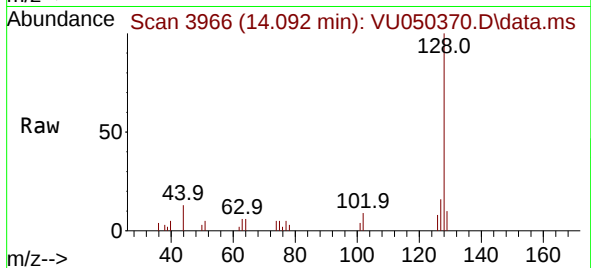
Tgt Ion:	128	Resp:	1007
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.1	15.1
129	10.7	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#90

1,2,3-Trichlorobenzene

Concen: 0.374 ug/l

RT: 14.333 min Scan# 4041

Delta R.T. 0.003 min

Lab File: VU050370.D

Acq: 19 Aug 2022 11:23

Tgt Ion:	180	Resp:	4459
Ion Ratio	Lower	Upper	
180	100		
182	101.5	76.6	114.8
145	33.4	27.3	40.9

