

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100422\
 Data File : VU051101.D
 Acq On : 04 Oct 2022 11:03
 Operator : JC/MD
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/05/2022
 Supervised By :Mahesh Dadoda 10/05/2022

Quant Time: Oct 05 01:59:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U100422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 05 01:58:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	40258	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	11055	0.748	ug/l	0.00
Spiked Amount 1.000			Recovery	=	75.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	13930	1.000	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	7859	0.526	ug/l	87
3) Chloromethane	1.523	50	10426	0.652	ug/l	97
4) Vinyl Chloride	1.604	62	9164	0.623	ug/l	96
5) Bromomethane	1.861	94	7301	0.926	ug/l	86
6) Chloroethane	1.935	64	6264	0.748	ug/l	97
7) Trichlorofluoromethane	2.141	101	10869	0.625	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	6190	0.666	ug/l	97
9) 1,1-Dichloroethene	2.581	96	6484	0.688	ug/l	90
10) Iodomethane	2.726	142	6690	0.535	ug/l	93
11) Allyl Chloride	2.922	41	9214	0.582	ug/l	96
12) Acrylonitrile	3.321	53	4890	1.893	ug/l	88
13) Acetone	2.642	43	10409	5.332	ug/l	98
14) Carbon Disulfide	2.797	76	28039	0.883	ug/l	99
15) Methylene Chloride	3.044	84	17159	1.417	ug/l	93
16) trans-1,2-Dichloroethene	3.350	96	7084	0.709	ug/l	87
17) 1,1-Dichloroethane	3.871	63	11685	0.581	ug/l	96
18) 2-Butanone	4.726	43	11203	3.435	ug/l	95
19) Cyclohexane	5.391	56	7219m	0.388	ug/l	
20) Methylcyclohexane	6.761	83	7545	0.410	ug/l	97
21) 2,2-Dichloropropane	4.665	77	7674	0.480	ug/l	95
22) cis-1,2-Dichloroethene	4.671	96	6167	0.517	ug/l	98
23) Diethyl Ether	2.379	59	5532	0.682	ug/l	94
24) tert-Butyl Alcohol	3.227	59	7681m	9.345	ug/l	
25) Methyl tert-Butyl Ether	3.366	73	16977	0.650	ug/l	95
26) Bromochloromethane	4.983	128	3161	0.618	ug/l	93
27) Chloroform	5.092	83	12143	0.609	ug/l	94
28) 1,1,1-Trichloroethane	5.317	97	9912	0.575	ug/l	96
29) 1,1-Dichloropropene	5.526	75	6784	0.441	ug/l	93
30) Carbon Tetrachloride	5.523	117	8430	0.583	ug/l	98
31) Isopropyl Ether	4.002	45	13786	0.414	ug/l	81
32) Ethyl-t-butyl ether	4.510	59	12758	0.408	ug/l	95
33) Tert-Amyl methyl ether	5.941	73	11690	0.425	ug/l #	81
34) Propionitrile	4.806	54	3320m	3.532	ug/l	
35) Benzene	5.774	78	23255	0.523	ug/l	93
36) 1,2-Dichloroethane	5.800	62	8636	0.673	ug/l	97
37) Trichloroethene	6.542	130	6185	0.555	ug/l	89
38) 1,2-Dichloropropane	6.793	63	6743	0.568	ug/l	99
39) Methacrylonitrile	4.986	41	1701	0.428	ug/l #	94
40) Methyl acrylate	4.864	55	3389m	0.543	ug/l	
41) Tetrahydrofuran	5.083	42	2288	0.972	ug/l #	83
42) 1-Chlorobutane	5.465	56	9330	0.434	ug/l	96
43) Dibromomethane	6.919	93	4057	0.681	ug/l	94
44) Bromodichloromethane	7.105	83	8861	0.626	ug/l #	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	21895	2.796	ug/l	96
46) t-1,4-Dichloro-2-butene	10.838	75	2502m	0.987	ug/l	
47) Methyl methacrylate	6.967	69	5579	0.949	ug/l	96
48) Ethyl methacrylate	8.343	69	4421	0.384	ug/l	94
49) Toluene	7.970	92	11155	0.413	ug/l	92
50) t-1,3-Dichloropropene	8.214	75	6485	0.485	ug/l	93
51) cis-1,3-Dichloropropene	7.613	75	7056	0.448	ug/l	95
52) 1,1,2-Trichloroethane	8.401	97	5902	0.714	ug/l	96
53) 1,3-Dichloropropane	8.578	76	8482	0.578	ug/l	96
54) 2-Hexanone	8.694	43	17048	3.122	ug/l	93
55) Dibromochloromethane	8.812	129	6732	0.723	ug/l	91
56) 1,2-Dibromoethane	8.925	107	4966	0.624	ug/l	94
58) Tetrachloroethene	8.555	164	6306	0.654	ug/l	95
59) Chlorobenzene	9.449	112	14413	0.510	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.536	131	6368	0.632	ug/l	88
61) Pentachloroethane	11.430	117	4260	0.563	ug/l	86
62) Hexachloroethane	12.475	117	4450	0.568	ug/l	94
63) Ethyl Benzene	9.571	91	18423	0.366	ug/l	95
64) m/p-Xylenes	9.697	106	13008	0.687	ug/l	96
65) o-Xylene	10.102	106	6693	0.362	ug/l	95
66) Styrene	10.118	104	10386	0.347	ug/l	96
67) Bromoform	10.291	173	3762	0.704	ug/l	98
69) Isopropylbenzene	10.484	105	16811	0.345	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.783	83	8131	0.754	ug/l #	99
71) 1,2,3-Trichloropropane	10.822	75	6180m	0.689	ug/l	
72) Bromobenzene	10.783	156	5085	0.454	ug/l	96
73) n-propylbenzene	10.906	120	4043	0.323	ug/l	96
74) 2-Chlorotoluene	10.986	126	4473	0.399	ug/l	84
75) 1,3,5-Trimethylbenzene	11.089	105	13115	0.317	ug/l	98
76) 4-Chlorotoluene	11.099	126	3890	0.342	ug/l	94
77) tert-Butylbenzene	11.420	119	14318	0.356	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	13508	0.322	ug/l	95
79) sec-Butylbenzene	11.642	105	17659	0.331	ug/l	99
80) Nitrobenzene	13.214	77	3601m	7.928	ug/l	
81) p-Isopropyltoluene	11.793	119	13023	0.301	ug/l	96
82) 1,3-Dichlorobenzene	11.748	146	11514	0.526	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	11603m	0.522	ug/l	
84) n-Butylbenzene	12.211	91	14320	0.360	ug/l	91
85) 1,2-Dichlorobenzene	12.214	146	12262	0.573	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	12.999	75	1670	0.904	ug/l #	73
87) 1,2,4-Trichlorobenzene	13.841	180	8937	0.658	ug/l	98
88) Hexachlorobutadiene	14.018	225	4596	0.635	ug/l	94
89) Naphthalene	14.089	128	27100	0.961	ug/l	98
90) 1,2,3-Trichlorobenzene	14.333	180	10127	0.765	ug/l	97

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

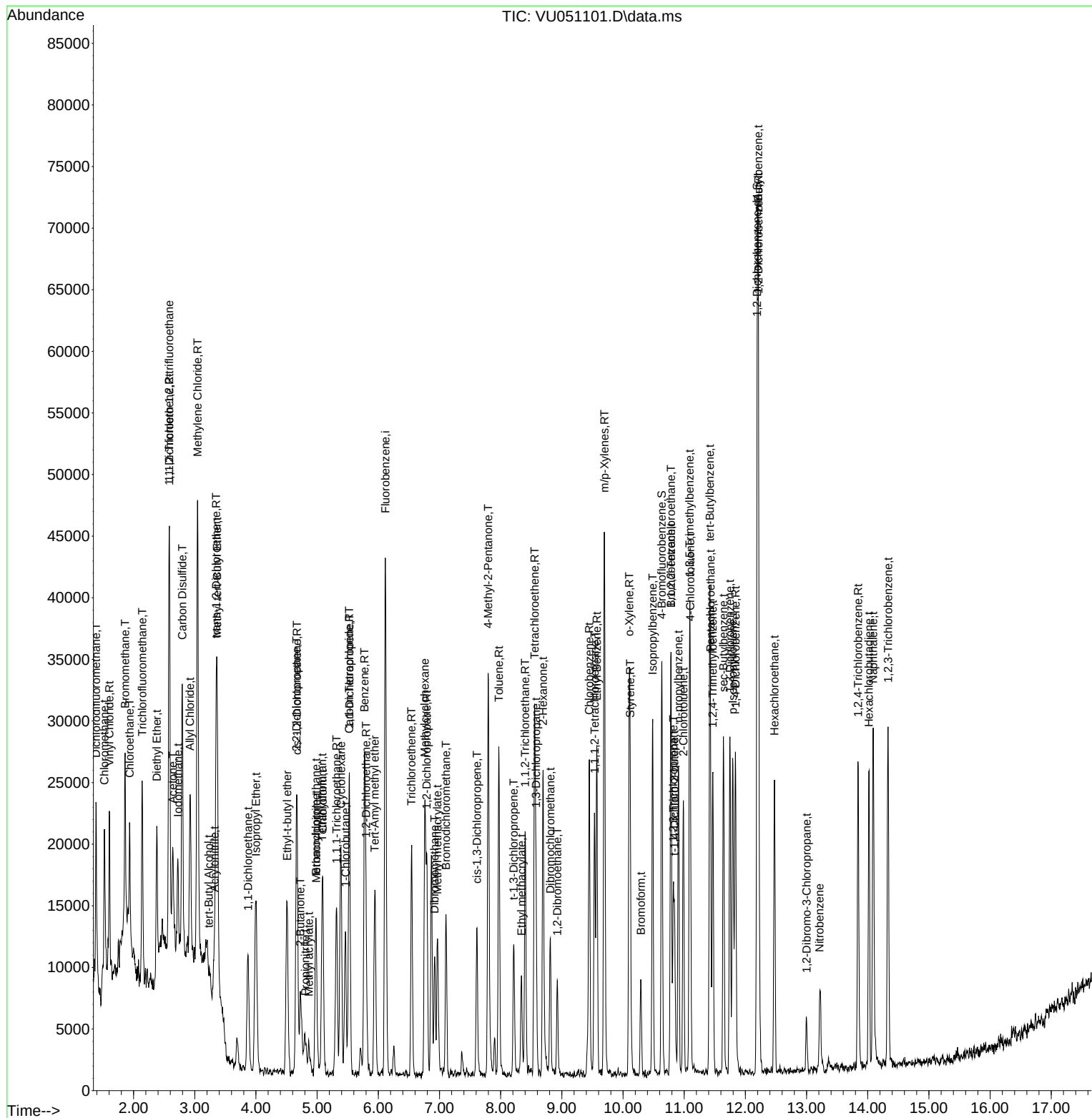
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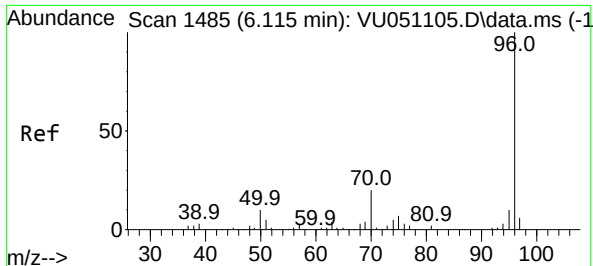
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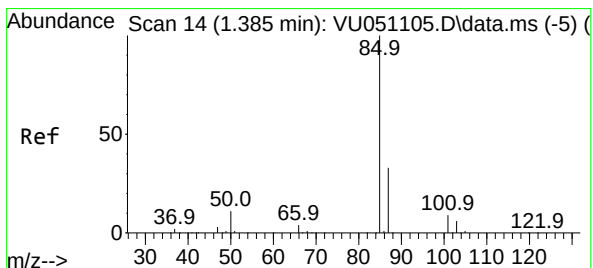
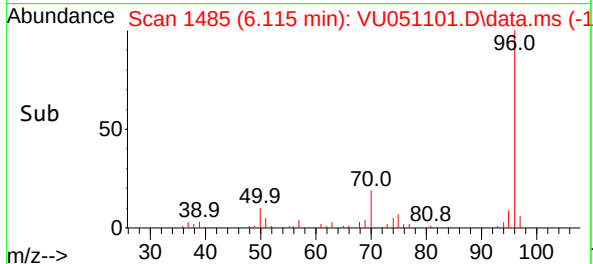
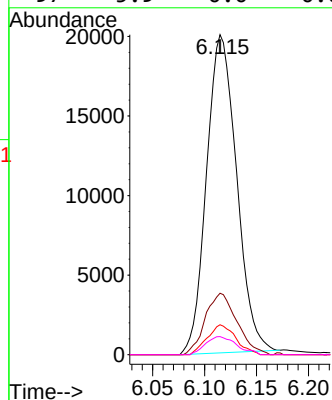
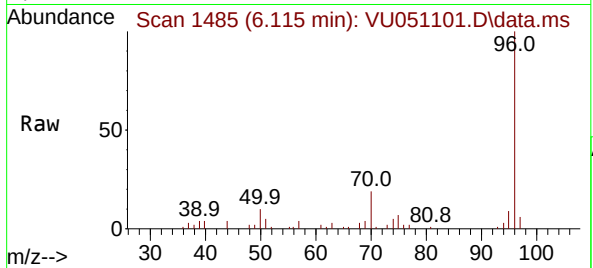
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 96 Resp: 40258
Ion Ratio Lower Upper
96 100
70 20.3 16.7 25.1
95 8.9 7.4 11.0
97 5.9 0.0 0.0#

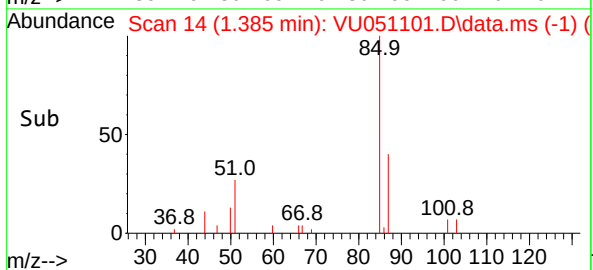
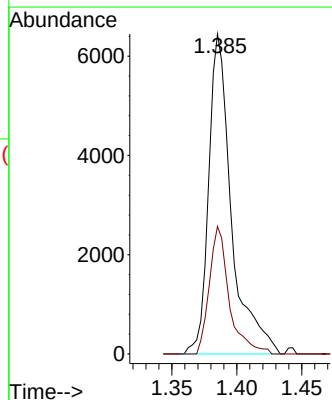
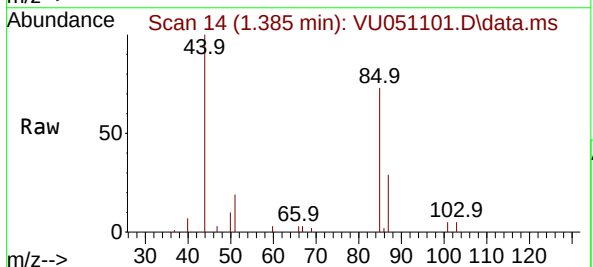
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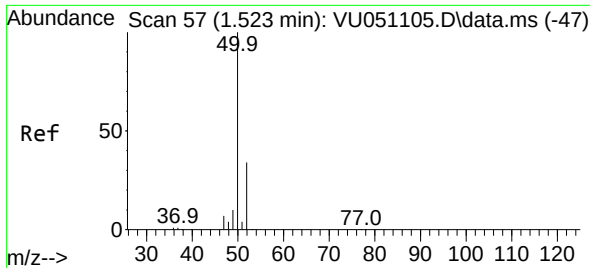
Reviewed By :Krupa Patel 10/05/2022
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#2
Dichlorodifluoromethane
Concen: 0.526 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

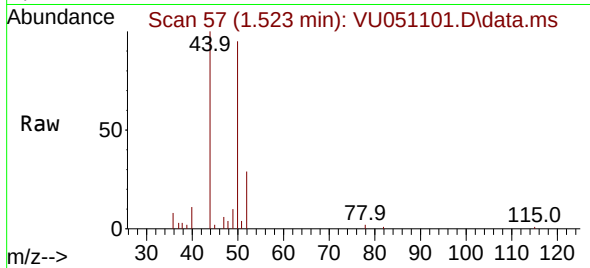
Tgt Ion: 85 Resp: 7859
Ion Ratio Lower Upper
85 100
87 39.8 16.3 48.8





#3
Chloromethane
Concen: 0.652 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

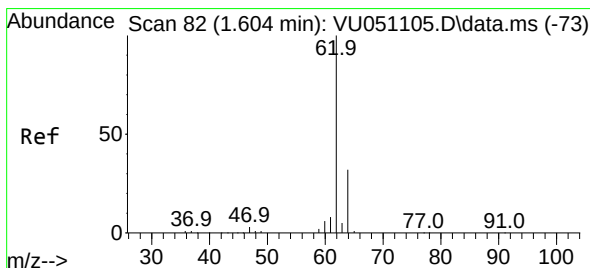
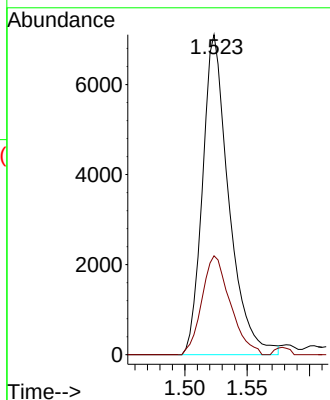
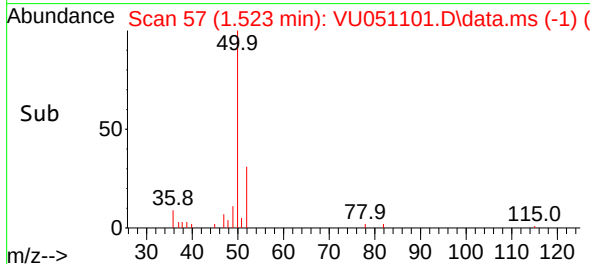
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



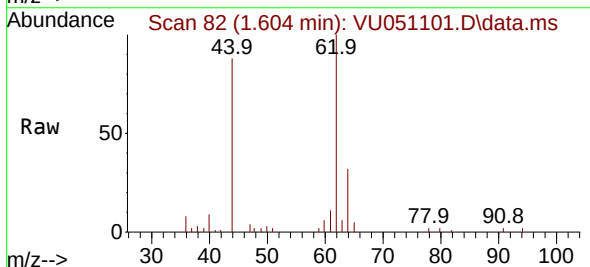
Tgt Ion: 50 Resp: 10420
Ion Ratio Lower Upper
50 100
52 30.9 26.1 39.1

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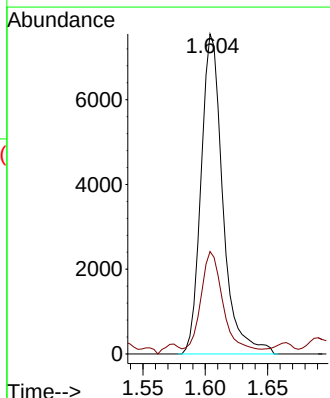
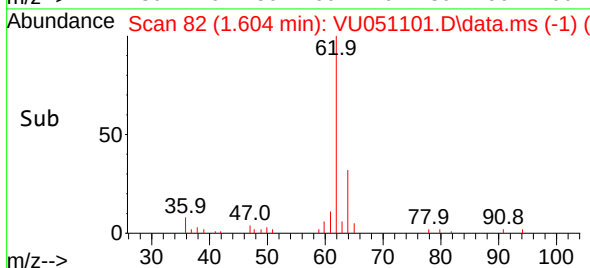
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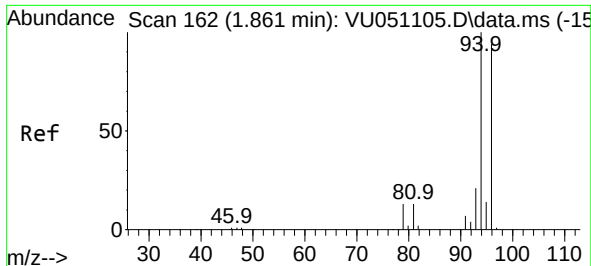


#4
Vinyl Chloride
Concen: 0.623 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03



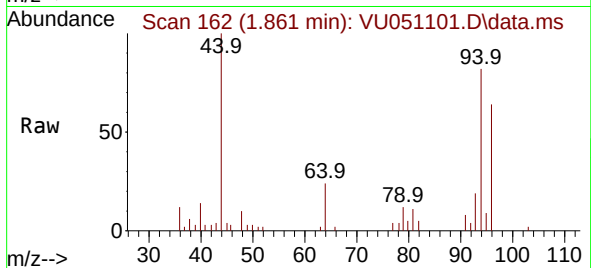
Tgt Ion: 62 Resp: 9164
Ion Ratio Lower Upper
62 100
64 29.8 25.5 38.3





#5
Bromomethane
Concen: 0.926 ug/l
RT: 1.861 min Scan# 162
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

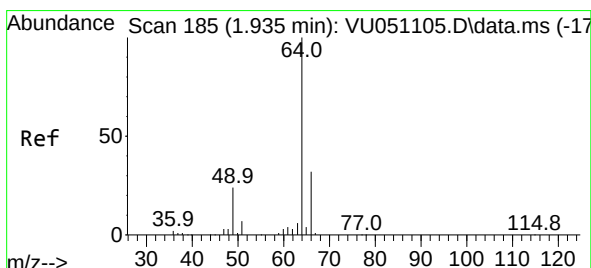
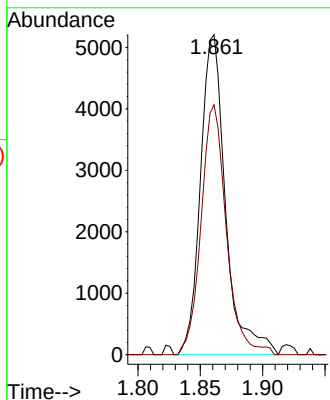
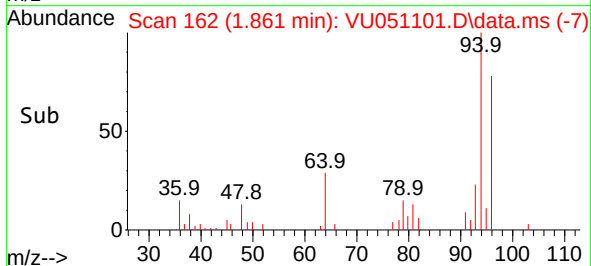
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 94 Resp: 730
Ion Ratio Lower Upper
94 100
96 78.1 73.0 109.6

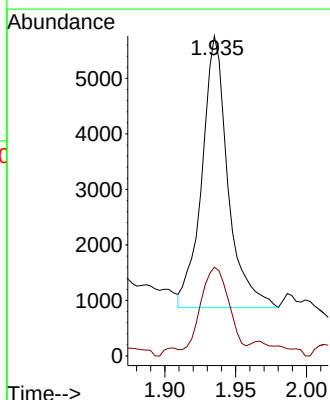
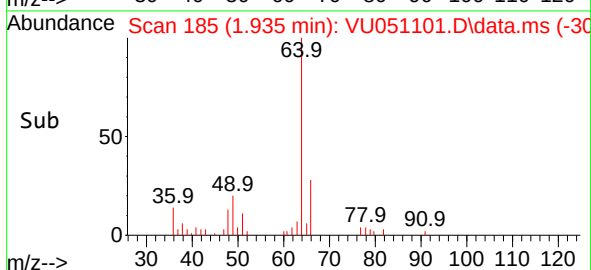
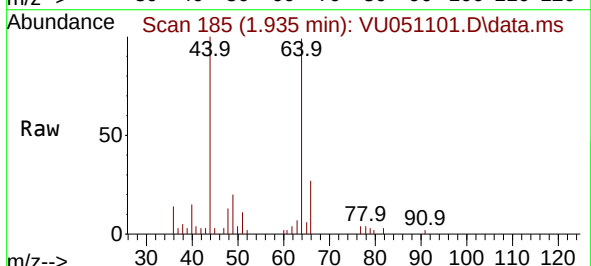
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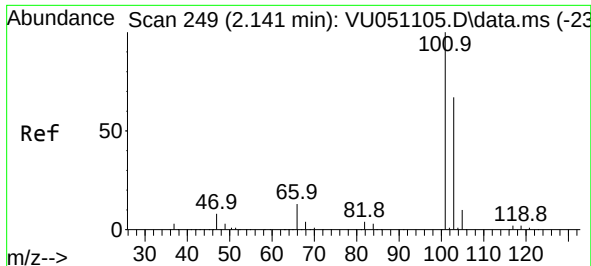
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#6
Chloroethane
Concen: 0.748 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

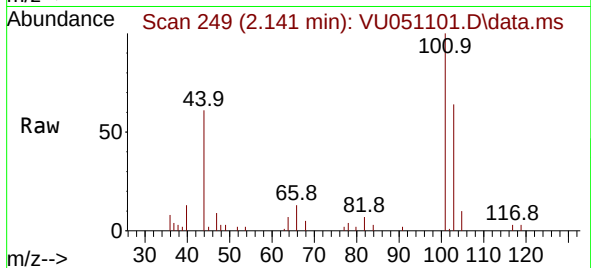
Tgt Ion: 64 Resp: 6264
Ion Ratio Lower Upper
64 100
66 30.3 25.8 38.6





#7
 Trichlorofluoromethane
 Concen: 0.625 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. -0.000 min
 Lab File: VU051101.D
 Acq: 04 Oct 2022 11:03

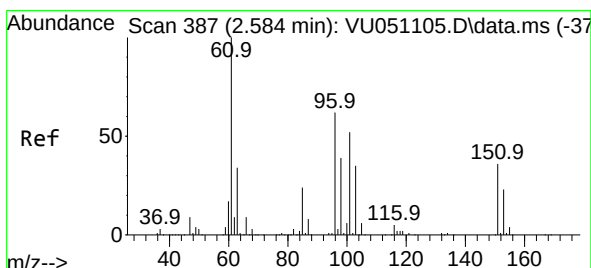
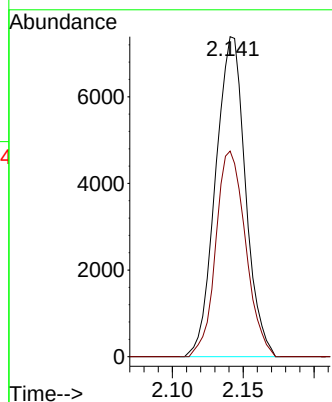
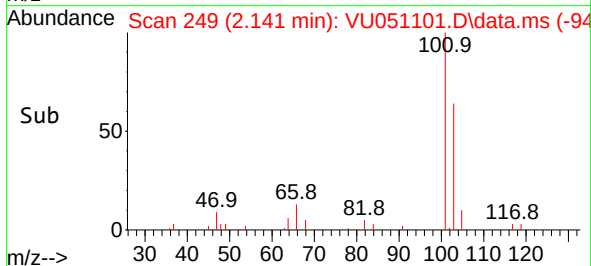
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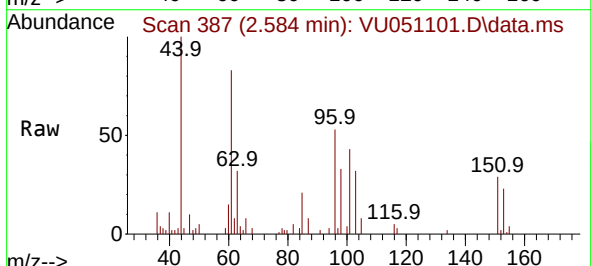
Tgt Ion:101 Resp: 1086
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.8 77.6

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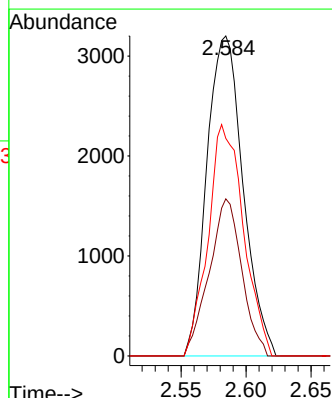
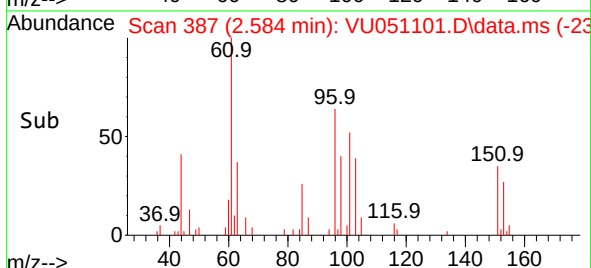
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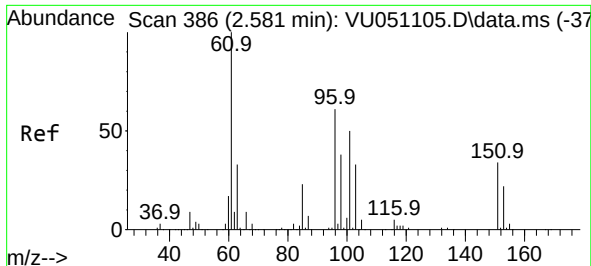


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.666 ug/l
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU051101.D
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Tgt Ion:101 Resp: 6190
 Ion Ratio Lower Upper
 101 100
 85 44.3 36.4 54.6
 151 70.9 59.1 88.7





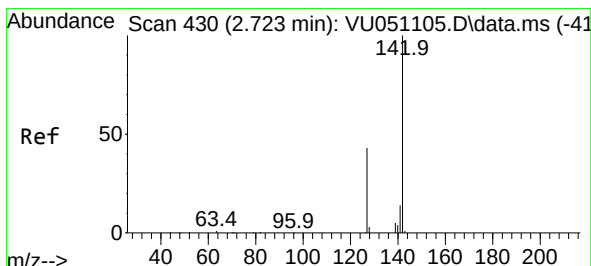
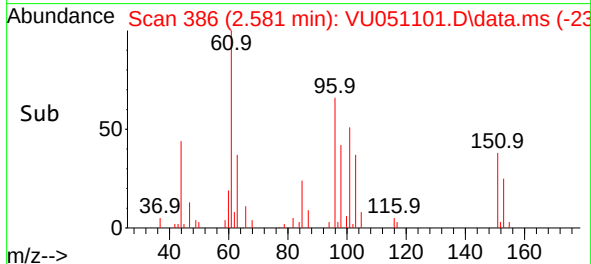
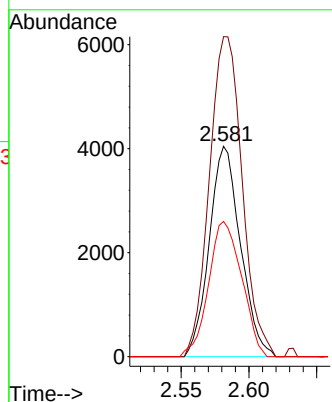
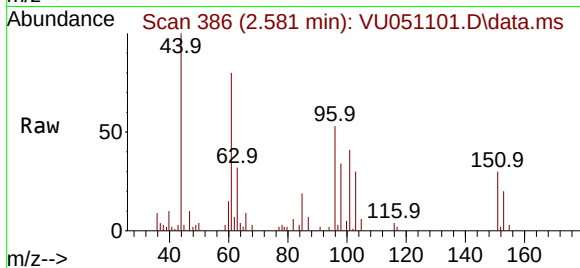
#9
1,1-Dichloroethene
Concen: 0.688 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 96 Resp: 6484
Ion Ratio Lower Upper
96 100
61 152.1 0.0 510.6
98 64.2 0.0 124.6

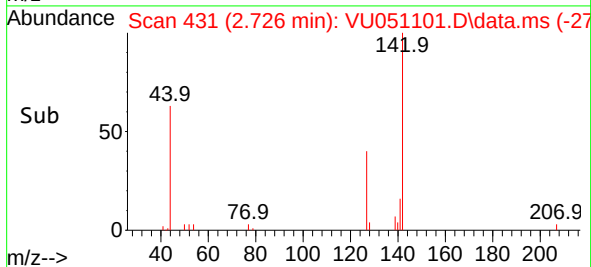
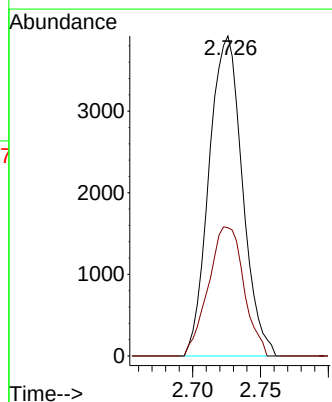
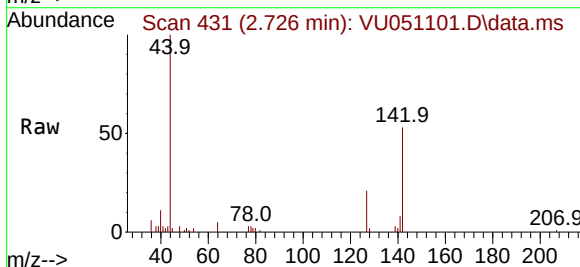
Manual Integrations
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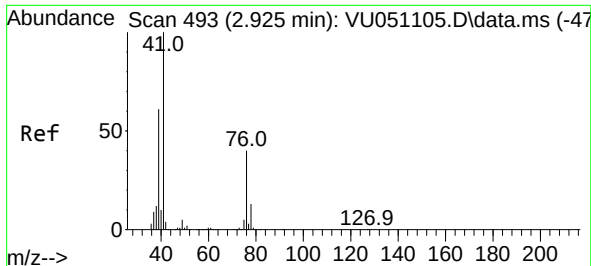
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#10
Iodomethane
Concen: 0.535 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

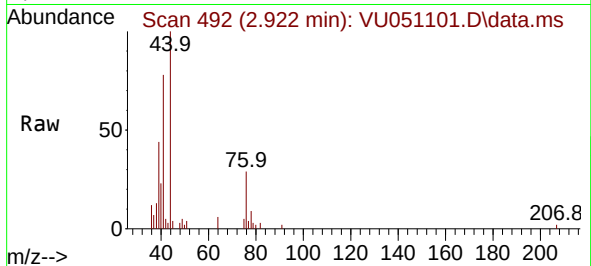
Tgt Ion:142 Resp: 6690
Ion Ratio Lower Upper
142 100
127 42.9 38.2 57.2





#11
 Allyl Chloride
 Concen: 0.582 ug/l
 RT: 2.922 min Scan# 493
 Delta R.T. -0.003 min
 Lab File: VU051101.D
 Acq: 04 Oct 2022 11:03

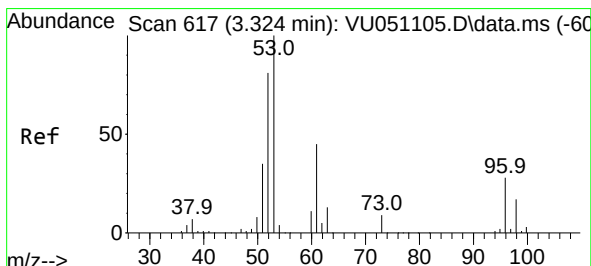
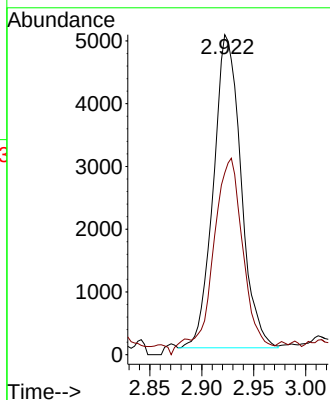
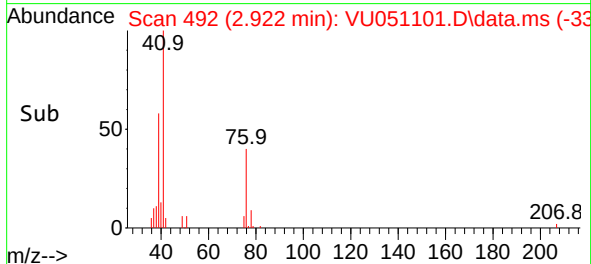
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



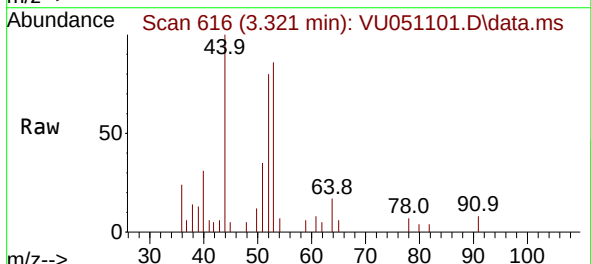
Tgt Ion: 41 Resp: 9214
 Ion Ratio Lower Upper
 41 100
 39 69.6 53.2 79.8

Manual Integrations
 APPROVED

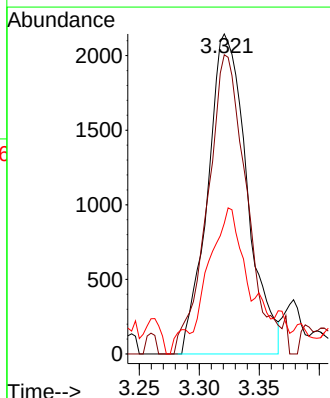
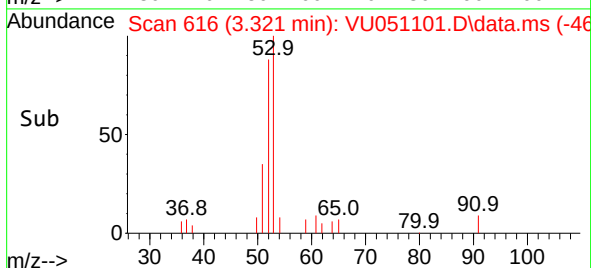
Reviewed By :Krupa Patel 10/05/2022
 Supervised By :Mahesh Dadoda 10/05/2022

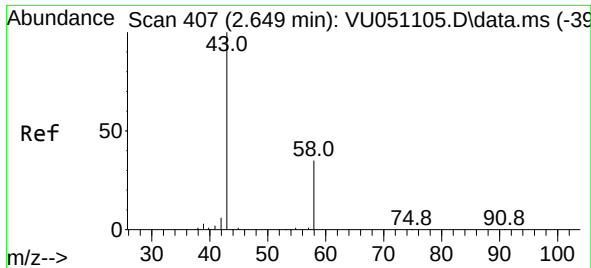


#12
 Acrylonitrile
 Concen: 1.893 ug/l
 RT: 3.321 min Scan# 616
 Delta R.T. -0.003 min
 Lab File: VU051101.D
 Acq: 04 Oct 2022 11:03



Tgt Ion: 53 Resp: 4890
 Ion Ratio Lower Upper
 53 100
 52 94.3 64.6 97.0
 51 35.4 30.7 46.1





#13

Acetone

Concen: 5.332 ug/l

RT: 2.642 min Scan# 407

Delta R.T. -0.006 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 43 Resp: 10409

Ion Ratio Lower Upper

43 100

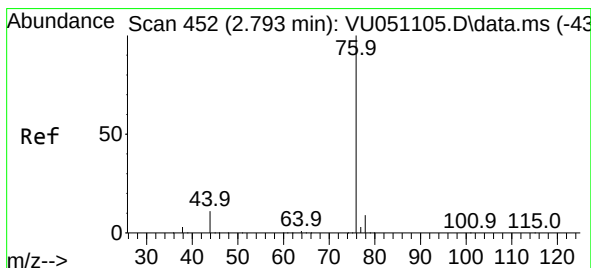
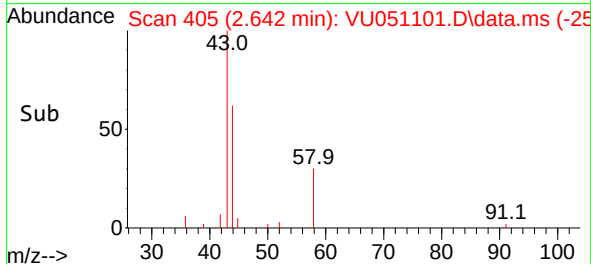
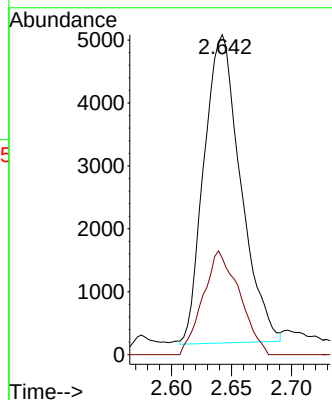
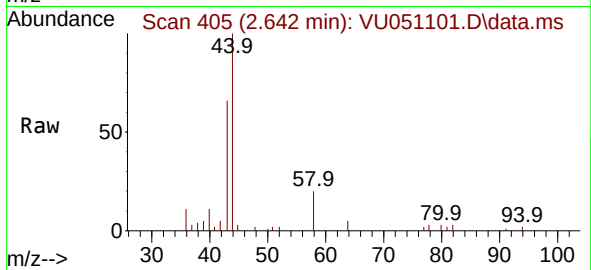
58 31.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#14

Carbon Disulfide

Concen: 0.883 ug/l

RT: 2.797 min Scan# 453

Delta R.T. 0.003 min

Lab File: VU051101.D

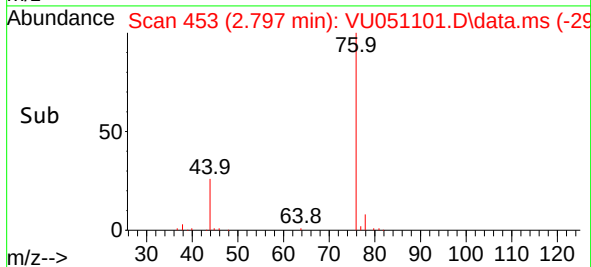
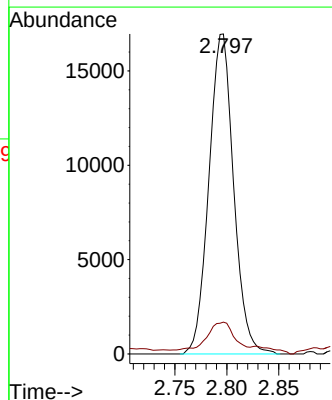
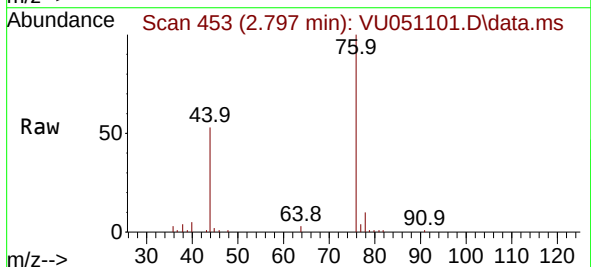
Acq: 04 Oct 2022 11:03

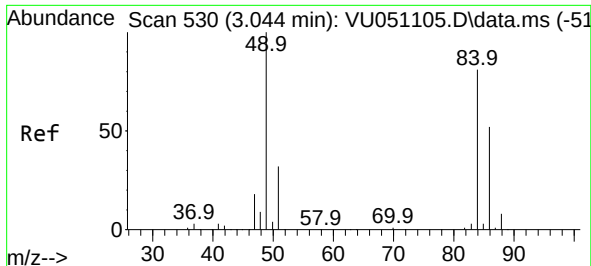
Tgt Ion: 76 Resp: 28039

Ion Ratio Lower Upper

76 100

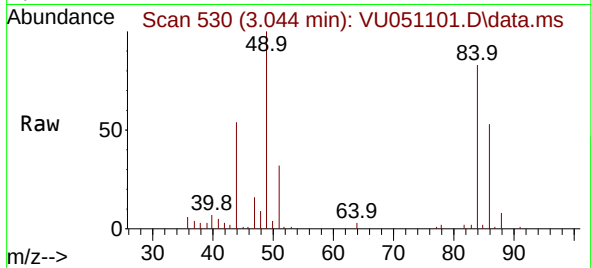
78 8.7 7.4 11.0





#15
Methylene Chloride
Concen: 1.417 ug/l
RT: 3.044 min Scan# 511
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

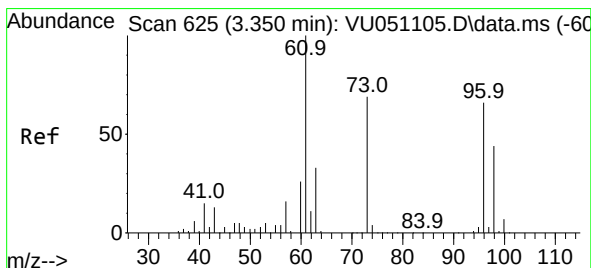
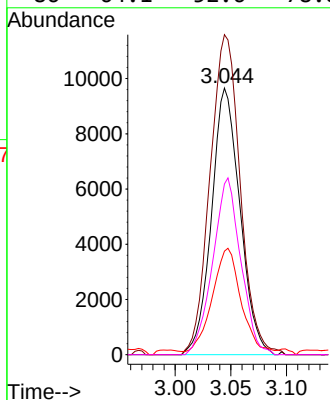
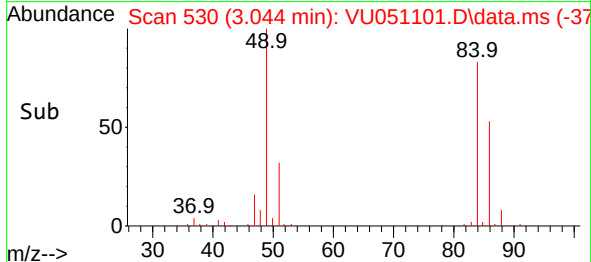
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



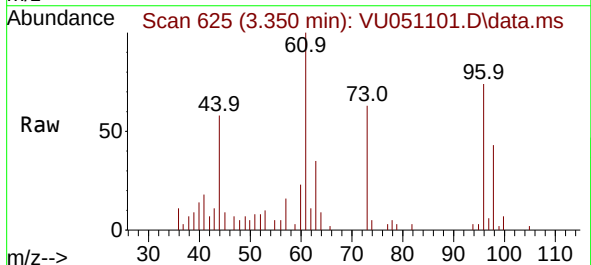
Tgt Ion: 84 Resp: 1715
Ion Ratio Lower Upper
84 100
49 120.1 104.6 157.0
51 37.5 0.0 81.4
86 64.1 52.6 78.8

Manual Integrations
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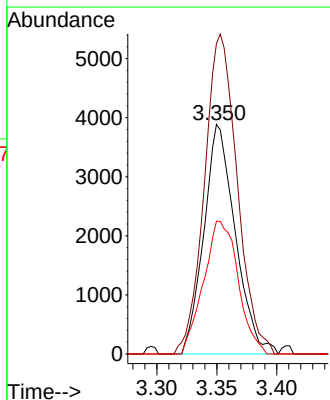
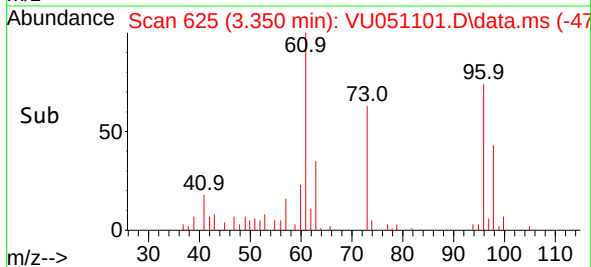
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

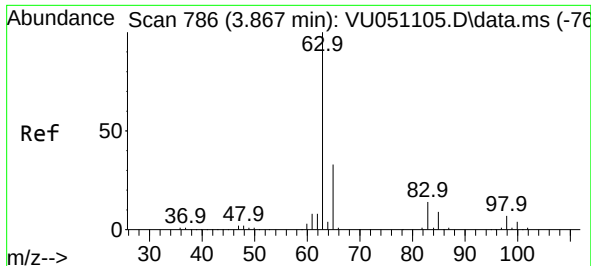


#16
trans-1,2-Dichloroethene
Concen: 0.709 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03



Tgt Ion: 96 Resp: 7084
Ion Ratio Lower Upper
96 100
61 135.3 123.4 185.0
98 57.8 51.6 77.4





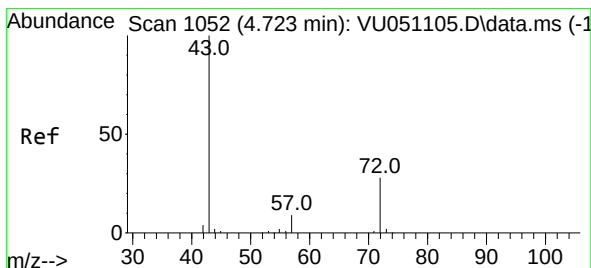
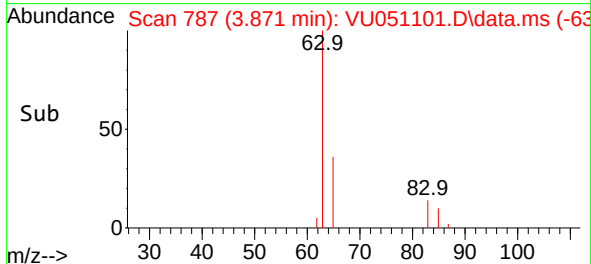
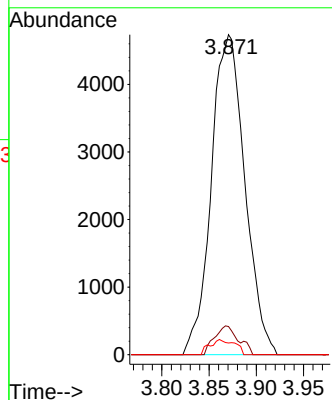
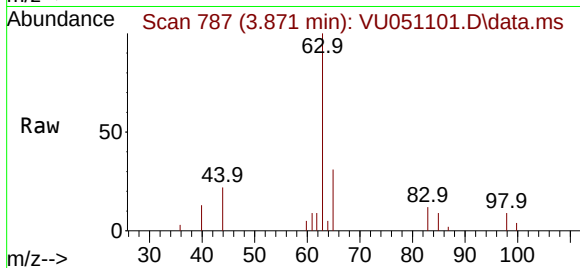
#17
1,1-Dichloroethane
Concen: 0.581 ug/l
RT: 3.871 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 63 Resp: 1168
Ion Ratio Lower Upper
63 100
98 8.8 3.4 10.2
100 3.7 2.0 6.0

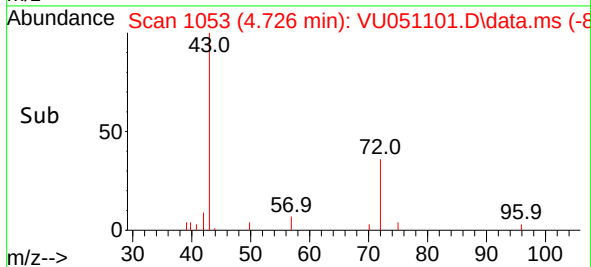
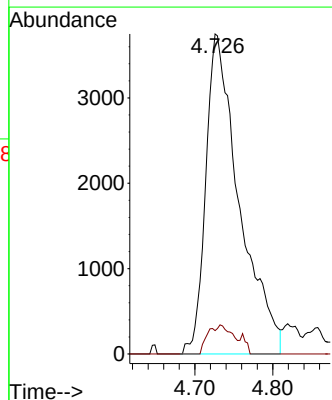
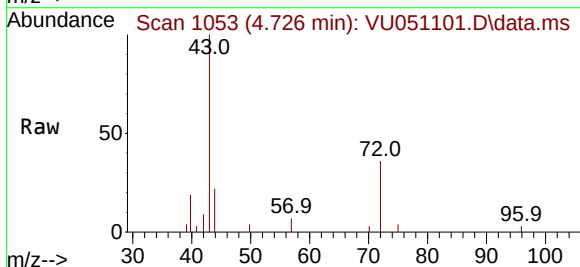
Manual Integrations
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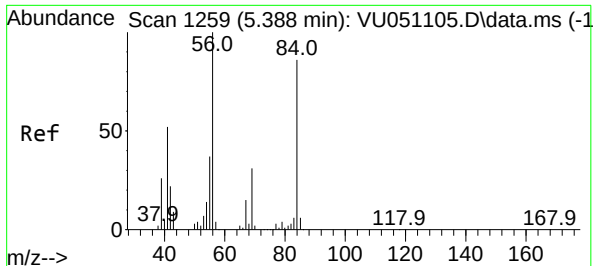
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#18
2-Butanone
Concen: 3.435 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion: 43 Resp: 11203
Ion Ratio Lower Upper
43 100
57 7.3 0.0 18.0





#19

Cyclohexane

Concen: 0.388 ug/l m

RT: 5.391 min Scan# 1259

Delta R.T. 0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

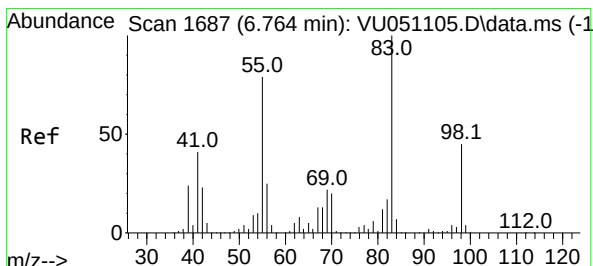
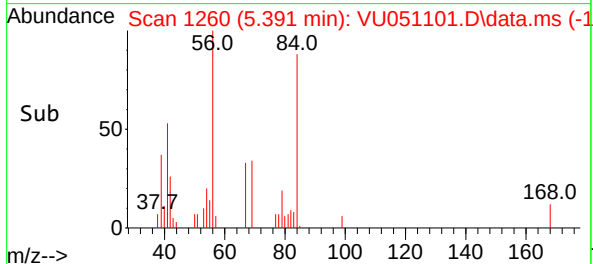
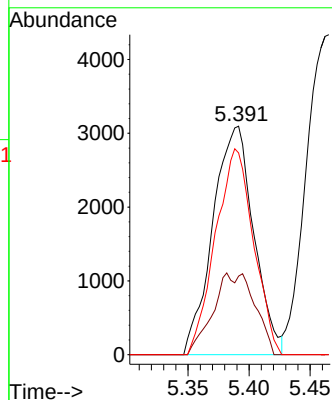
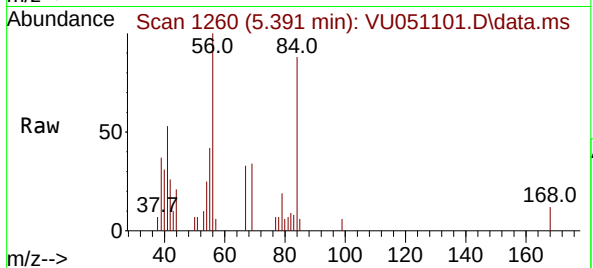
Tgt Ion:	56	Resp:	7219
Ion	Ratio	Lower	Upper
56	100		
69	19.8	24.2	36.4
84	83.7	63.4	95.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#20

Methylcyclohexane

Concen: 0.410 ug/l

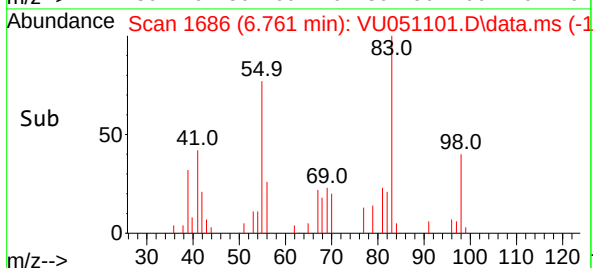
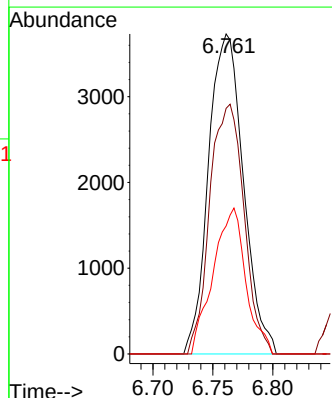
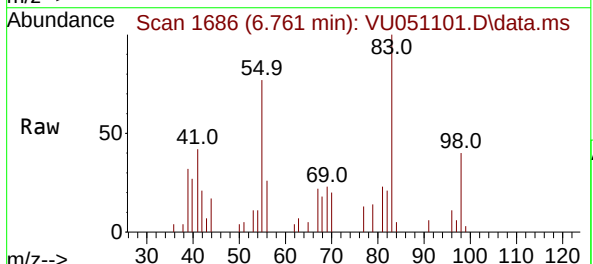
RT: 6.761 min Scan# 1686

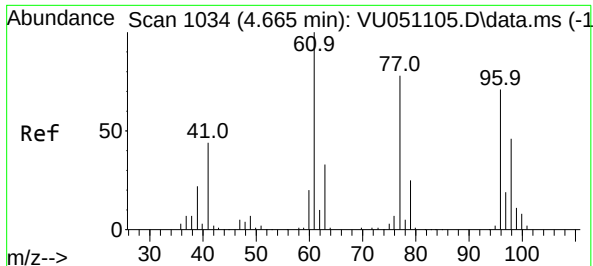
Delta R.T. -0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Tgt Ion:	83	Resp:	7545
Ion	Ratio	Lower	Upper
83	100		
55	76.5	63.0	94.4
98	42.8	35.7	53.5





#21

2,2-Dichloropropane

Concen: 0.480 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 77 Resp: 7674

Ion Ratio Lower Upper

77 100

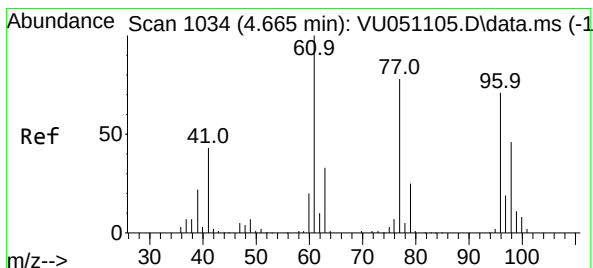
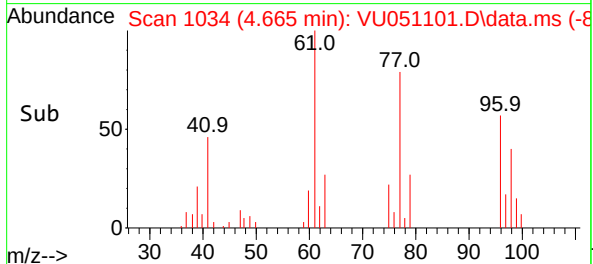
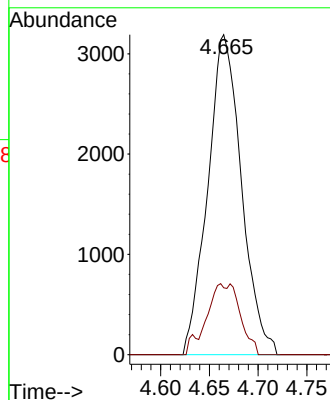
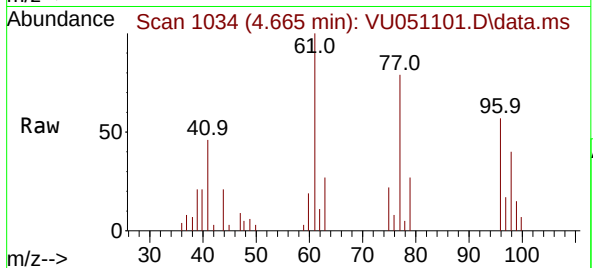
97 20.5 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#22

cis-1,2-Dichloroethene

Concen: 0.517 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

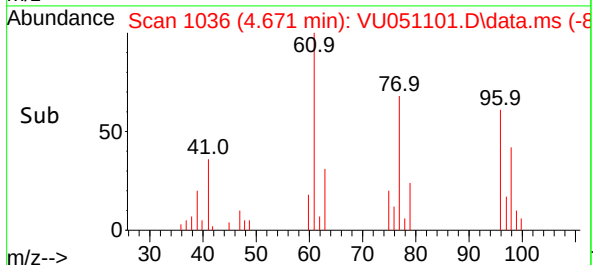
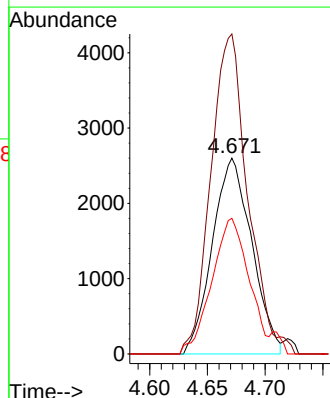
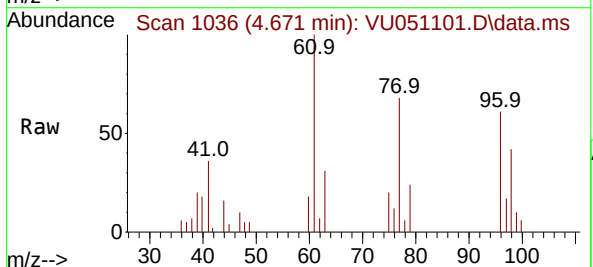
Tgt Ion: 96 Resp: 6167

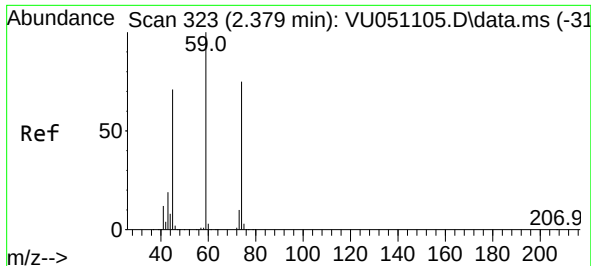
Ion Ratio Lower Upper

96 100

61 153.3 0.0 375.8

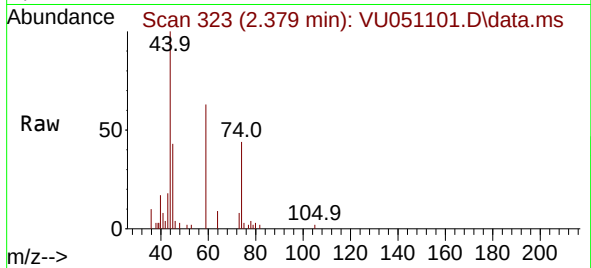
98 65.2 31.6 95.0





#23
Diethyl Ether
Concen: 0.682 ug/l
RT: 2.379 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

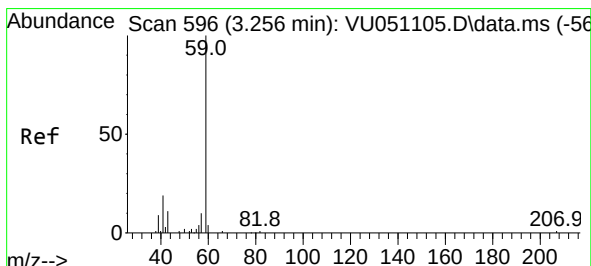
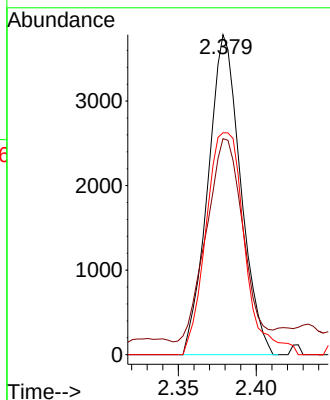
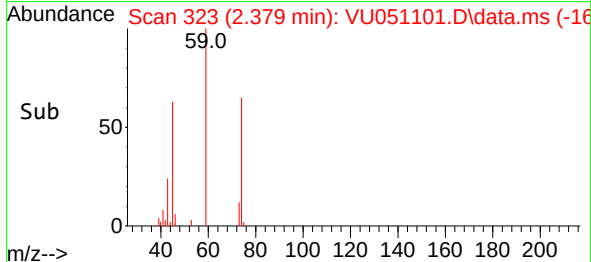
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



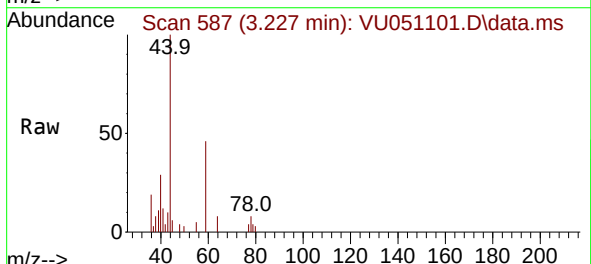
Tgt Ion: 59 Resp: 553
Ion Ratio Lower Upper
59 100
45 70.5 56.0 84.0
74 81.5 57.6 86.4

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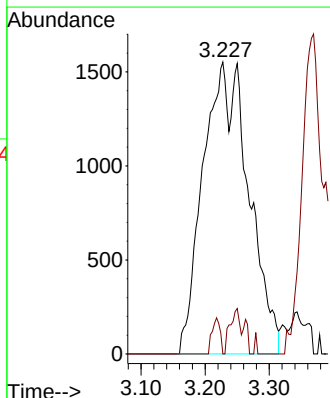
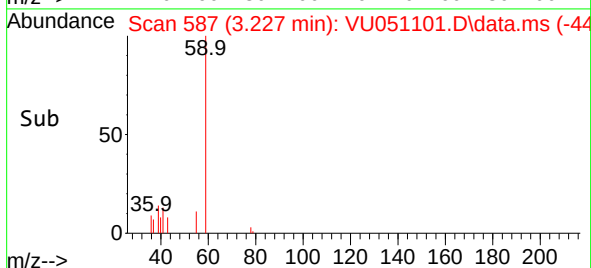
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

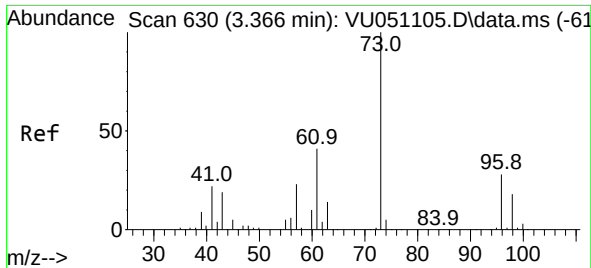


#24
tert-Butyl Alcohol
Concen: 9.345 ug/l m
RT: 3.227 min Scan# 587
Delta R.T. -0.029 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03



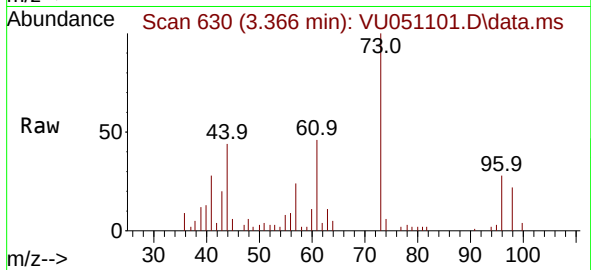
Tgt Ion: 59 Resp: 7681
Ion Ratio Lower Upper
59 100
57 3.4 8.2 12.2#





#25
Methyl tert-Butyl Ether
Concen: 0.650 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

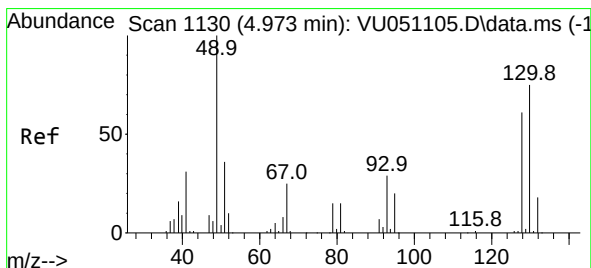
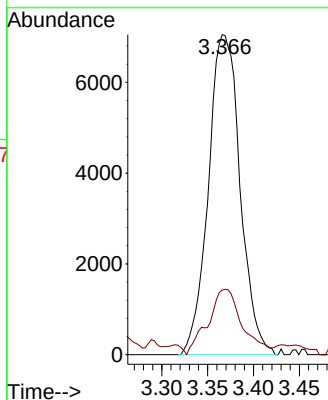
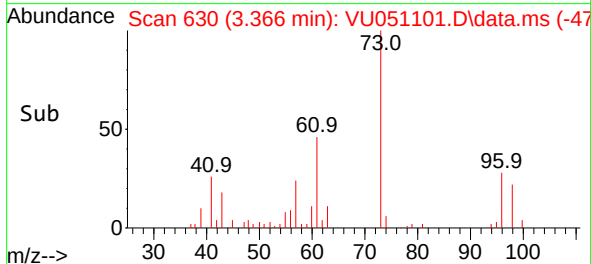
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 73 Resp: 1697
Ion Ratio Lower Upper
73 100
43 22.1 15.9 23.9

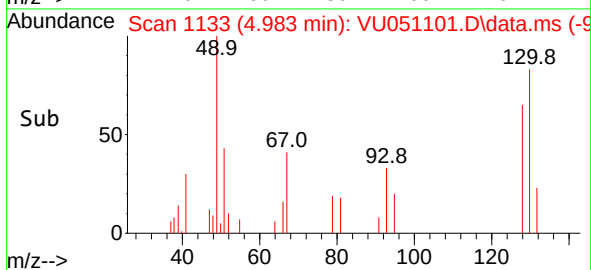
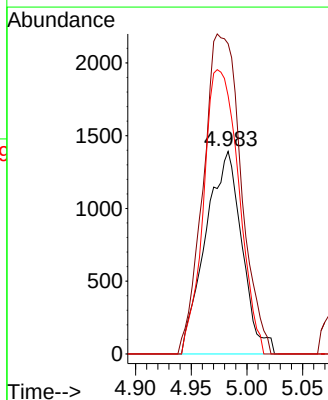
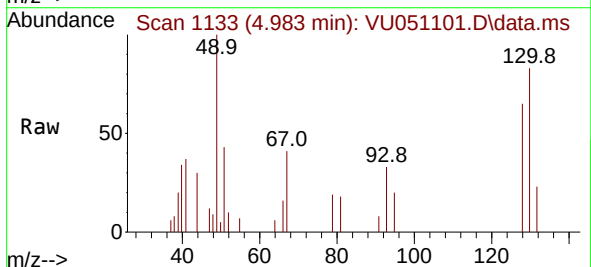
Manual Integrations
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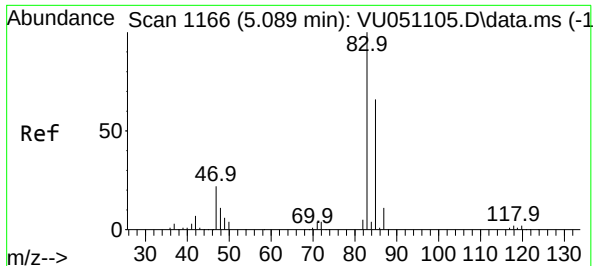
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#26
Bromochloromethane
Concen: 0.618 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.010 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion:128 Resp: 3161
Ion Ratio Lower Upper
128 100
49 164.6 0.0 349.2
130 136.1 103.0 154.6





#27

Chloroform

Concen: 0.609 ug/l

RT: 5.092 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 83 Resp: 1214

Ion Ratio Lower Upper

83 100

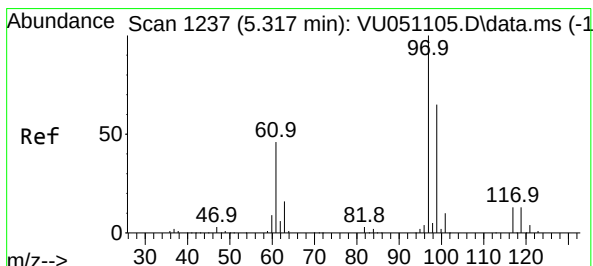
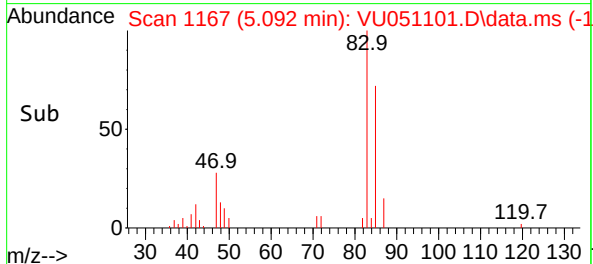
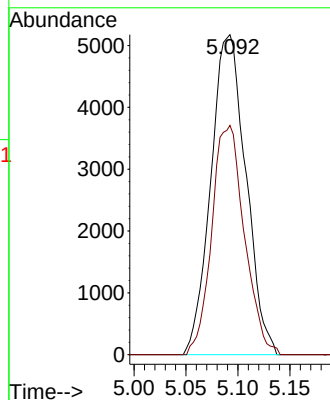
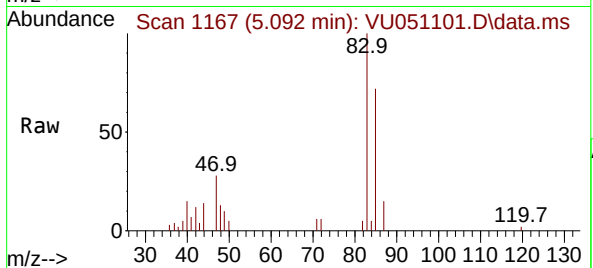
85 71.6 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#28

1,1,1-Trichloroethane

Concen: 0.575 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

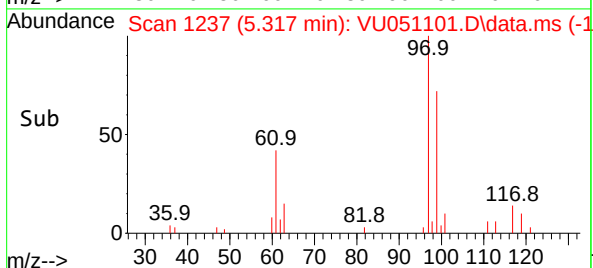
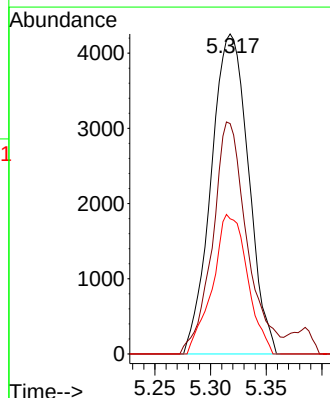
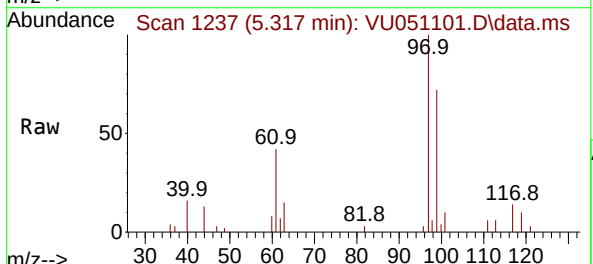
Tgt Ion: 97 Resp: 9912

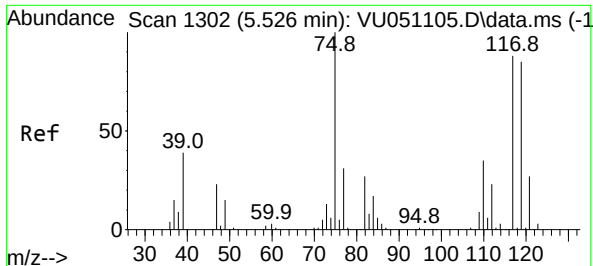
Ion Ratio Lower Upper

97 100

99 67.2 32.1 96.5

61 40.7 21.8 65.4





#29

1,1-Dichloropropene

Concen: 0.441 ug/l

RT: 5.526 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 75 Resp: 6784

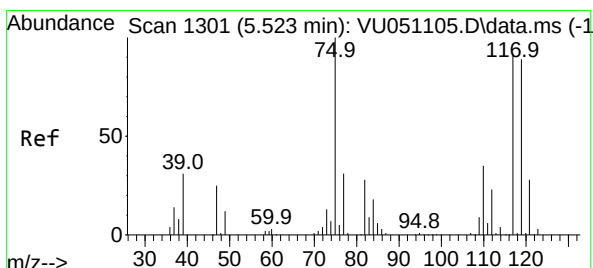
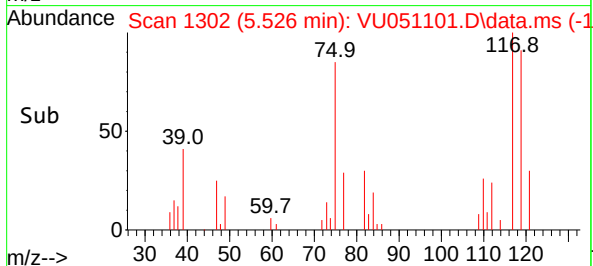
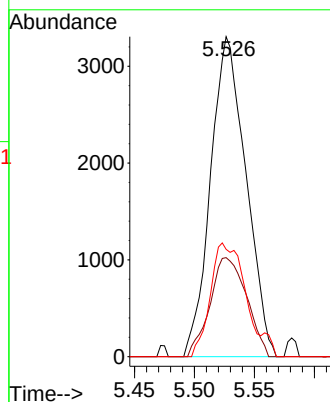
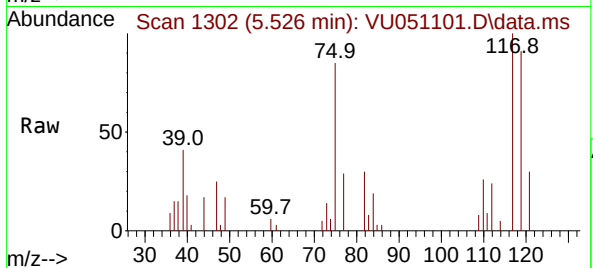
Ion	Ratio	Lower	Upper
75	100		
110	32.0	17.3	52.0
77	35.9	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#30

Carbon Tetrachloride

Concen: 0.583 ug/l

RT: 5.523 min Scan# 1301

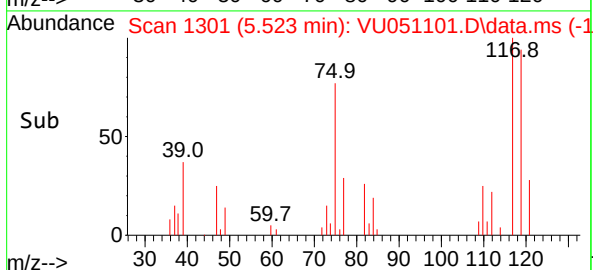
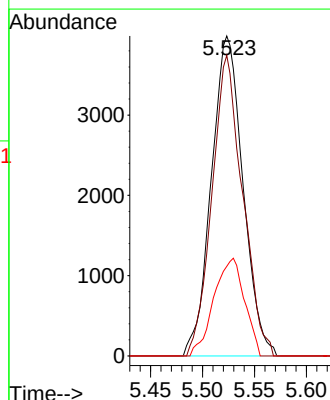
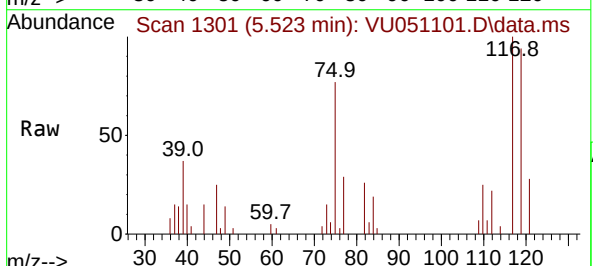
Delta R.T. -0.000 min

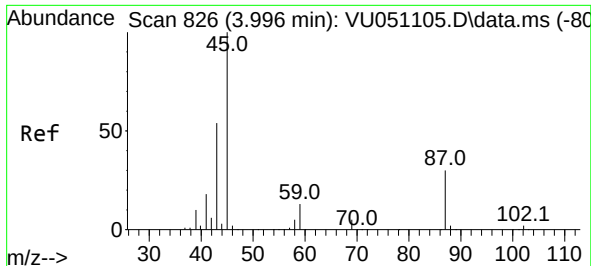
Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Tgt Ion:117 Resp: 8430

Ion	Ratio	Lower	Upper
117	100		
119	94.0	74.6	112.0
121	28.0	24.2	36.4





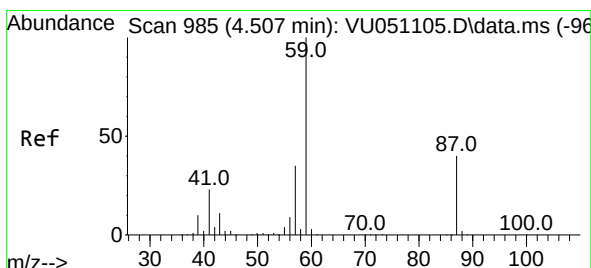
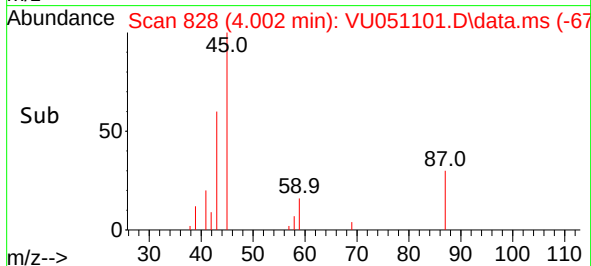
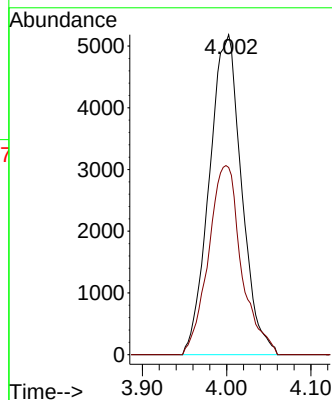
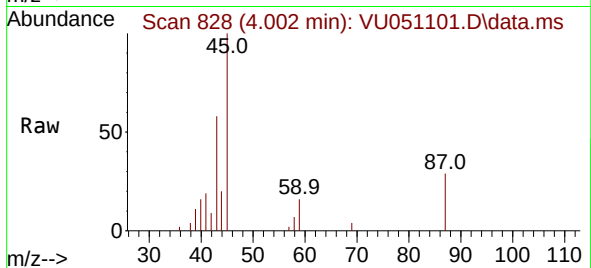
#31
Isopropyl Ether
Concen: 0.414 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.006 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 13780
Ion Ratio Lower Upper
45 100
43 60.5 23.8 71.2

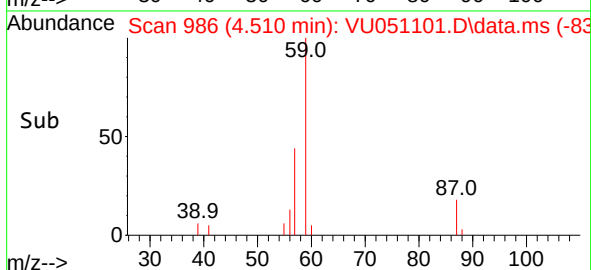
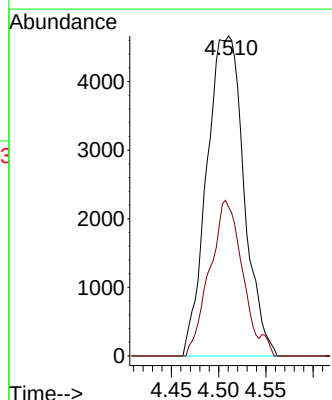
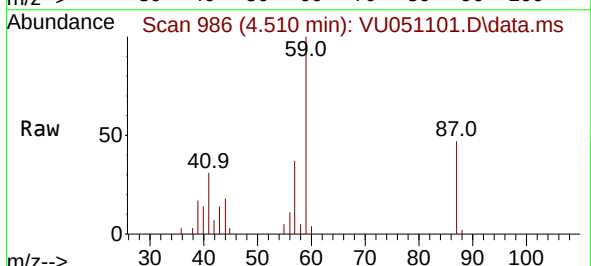
Manual Integrations
APPROVED

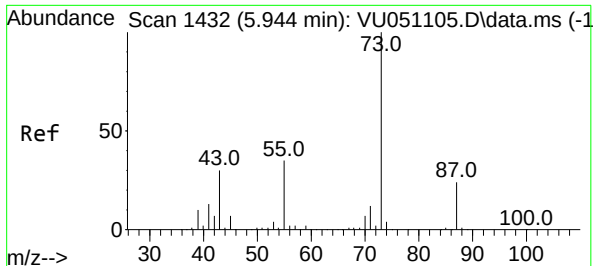
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#32
Ethyl-t-butyl ether
Concen: 0.408 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion: 59 Resp: 12758
Ion Ratio Lower Upper
59 100
87 37.2 32.5 48.7





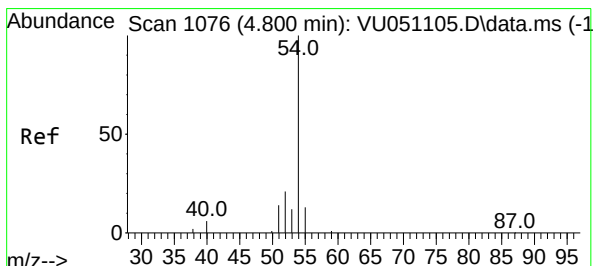
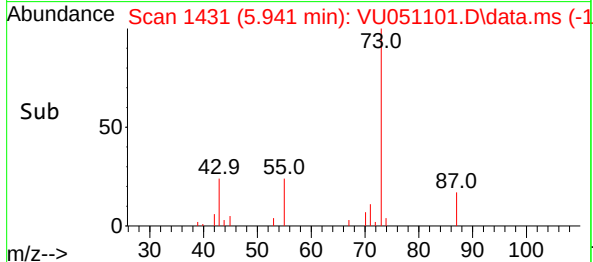
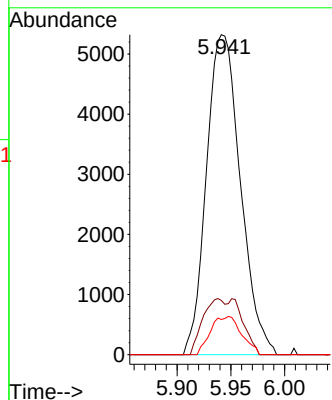
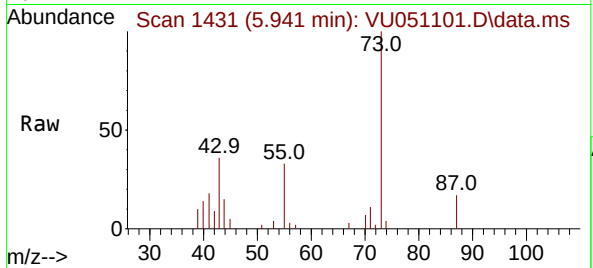
#33
Tert-Amyl methyl ether
Concen: 0.425 ug/l
RT: 5.941 min Scan# 1432
Delta R.T. -0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 73 Resp: 11690
Ion Ratio Lower Upper
73 100
87 11.4 19.7 29.5
71 10.9 9.0 13.4

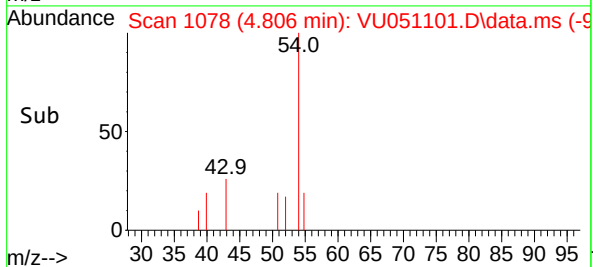
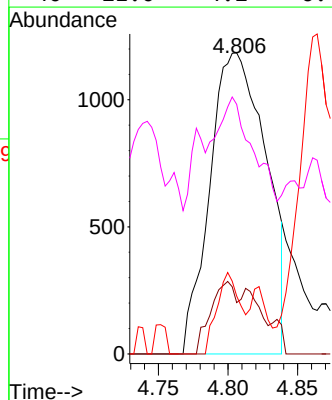
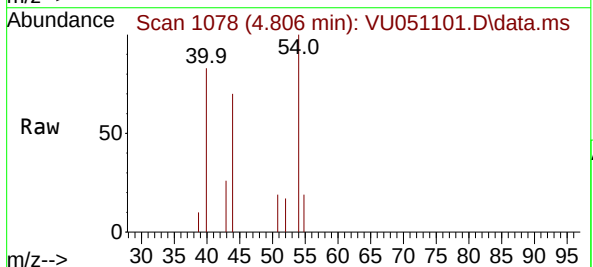
Manual Integrations
APPROVED

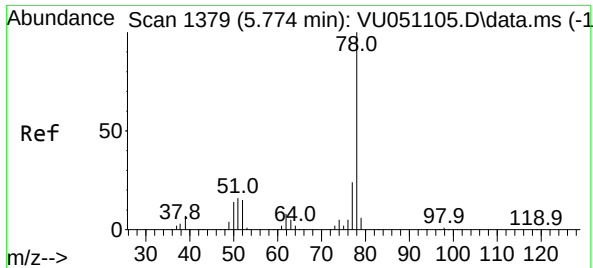
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#34
Propionitrile
Concen: 3.532 ug/l m
RT: 4.806 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion: 54 Resp: 3320
Ion Ratio Lower Upper
54 100
52 10.7 15.0 22.6#
55 11.1 12.6 19.0#
40 21.0 4.2 6.4#





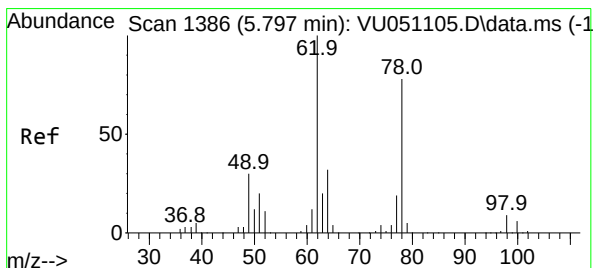
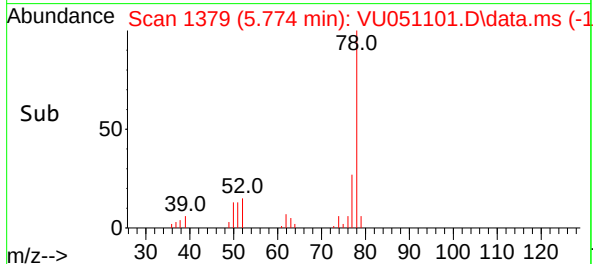
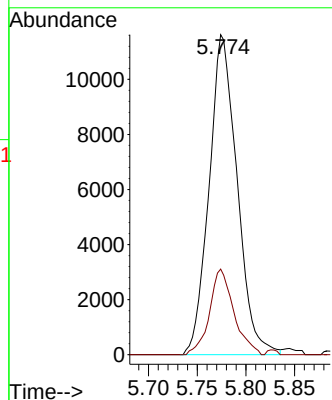
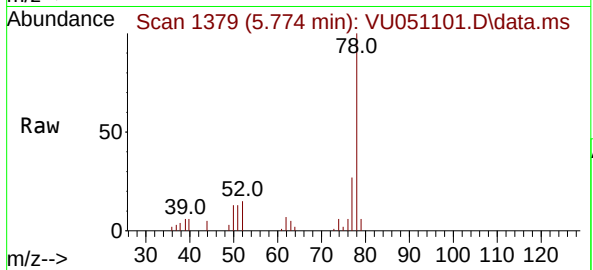
#35
Benzene
Concen: 0.523 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 78 Resp: 2325
Ion Ratio Lower Upper
78 100
77 26.8 18.6 28.0

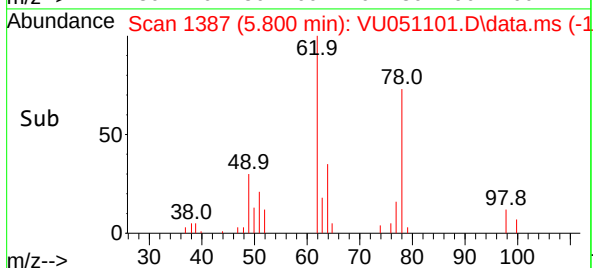
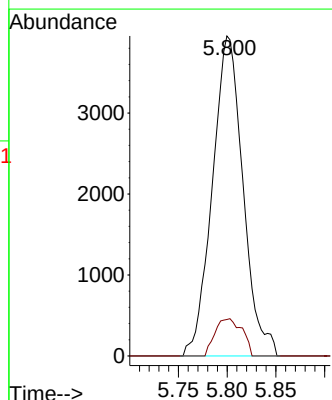
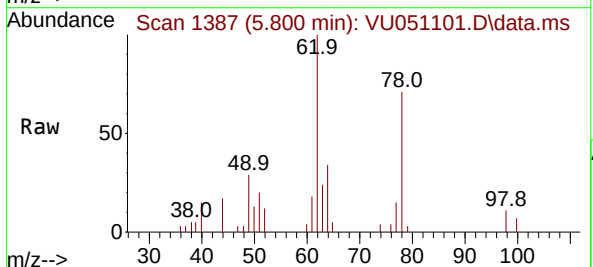
Manual Integrations
APPROVED

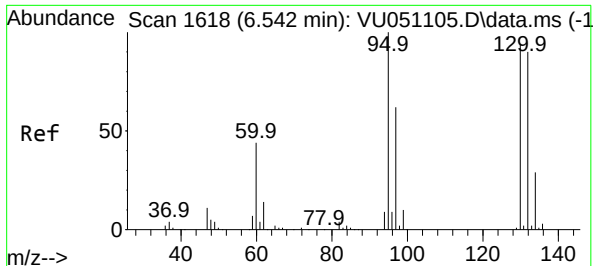
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#36
1,2-Dichloroethane
Concen: 0.673 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion: 62 Resp: 8636
Ion Ratio Lower Upper
62 100
98 10.3 7.4 11.0





#37

Trichloroethene

Concen: 0.555 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion:130 Resp: 618

Ion Ratio Lower Upper

130 100

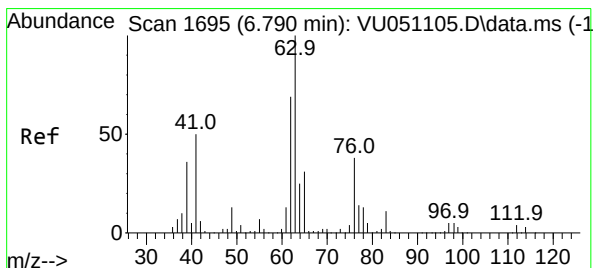
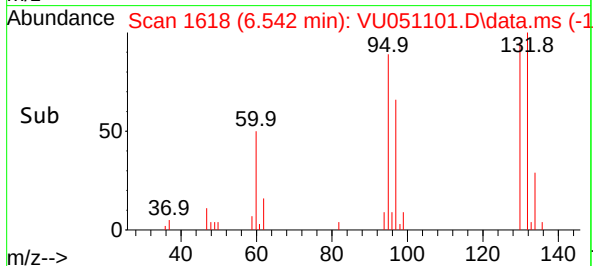
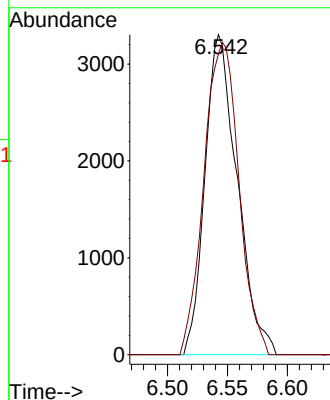
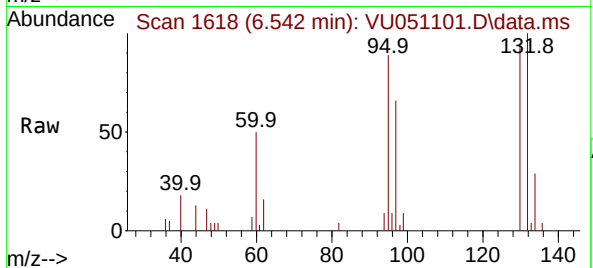
95 93.9 83.8 125.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#38

1,2-Dichloropropane

Concen: 0.568 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU051101.D

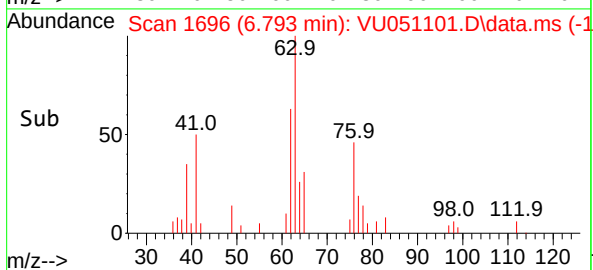
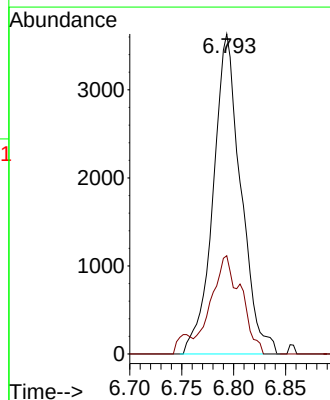
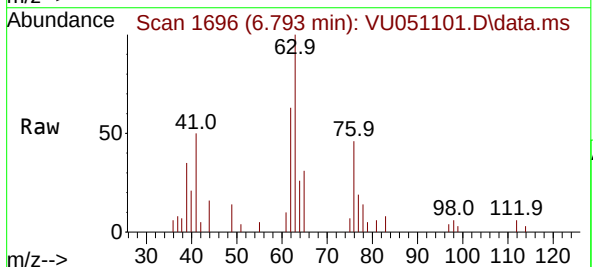
Acq: 04 Oct 2022 11:03

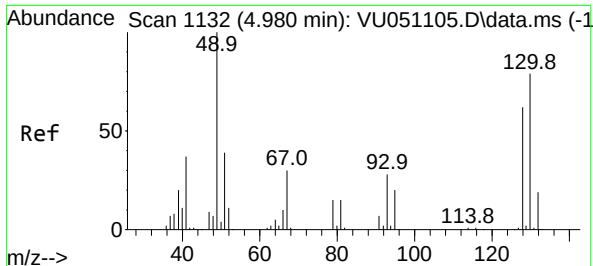
Tgt Ion: 63 Resp: 6743

Ion Ratio Lower Upper

63 100

65 30.7 25.0 37.4





#39

Methacrylonitrile

Concen: 0.428 ug/l

RT: 4.986 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 41 Resp: 170

Ion Ratio Lower Upper

41 100

67 74.2 59.4 89.0

39 64.1 42.2 63.2

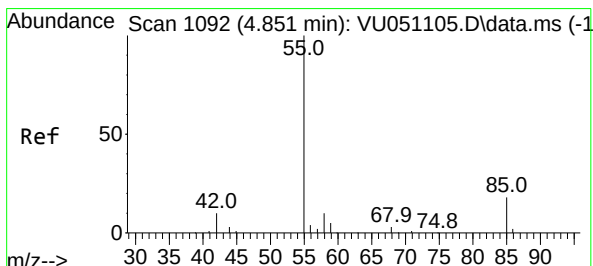
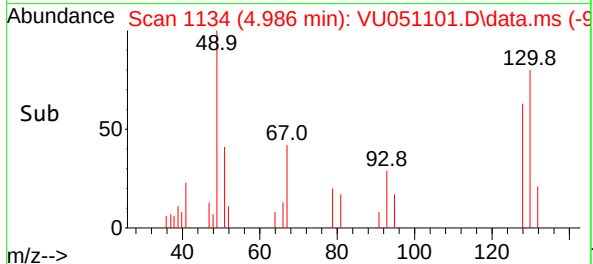
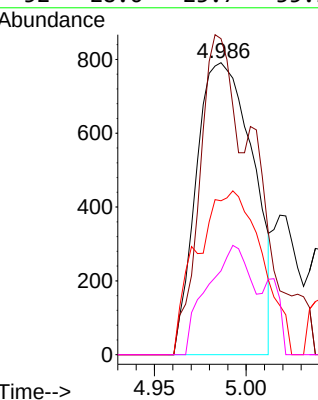
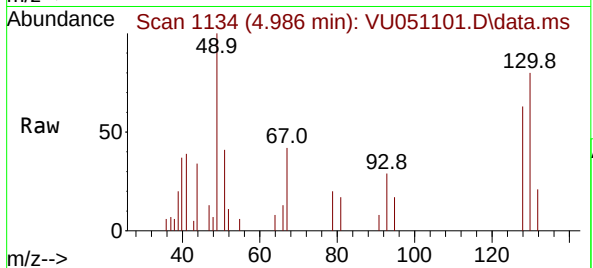
52 28.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#40

Methyl acrylate

Concen: 0.543 ug/l m

RT: 4.864 min Scan# 1096

Delta R.T. 0.013 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Tgt Ion: 55 Resp: 3389

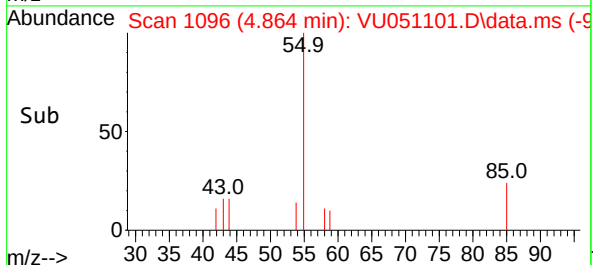
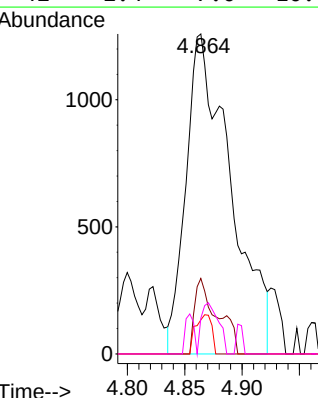
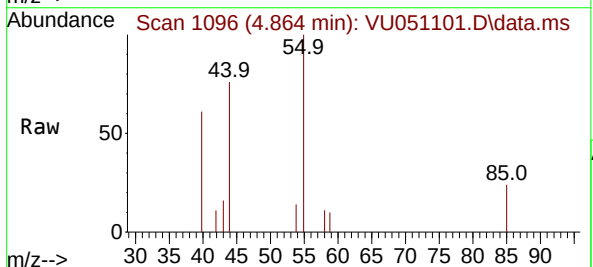
Ion Ratio Lower Upper

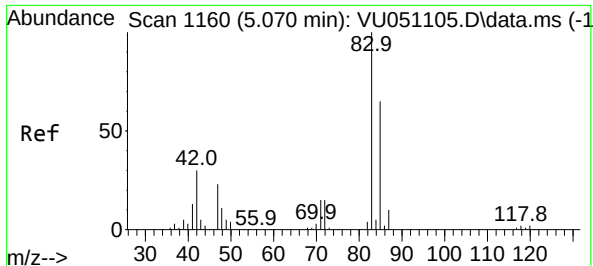
55 100

85 0.0 13.5 20.3#

58 0.0 7.0 10.4#

42 2.4 7.0 10.6#





#41

Tetrahydrofuran

Concen: 0.972 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.013 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

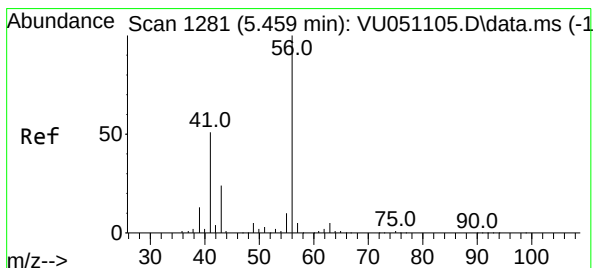
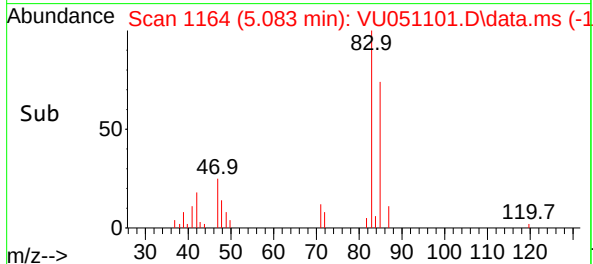
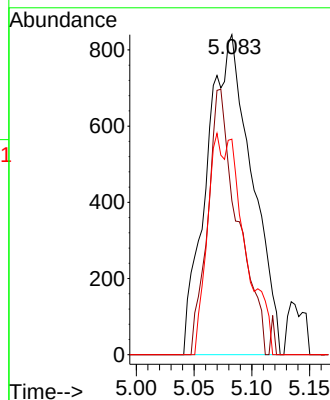
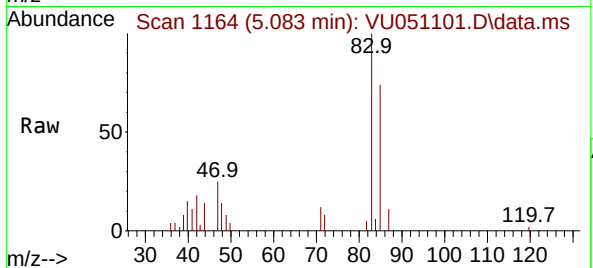
Tgt Ion:	42	Resp:	228
Ion Ratio	Lower	Upper	
42	100		
72	55.2	38.9	58.3
71	26.4	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#42

1-Chlorobutane

Concen: 0.434 ug/l

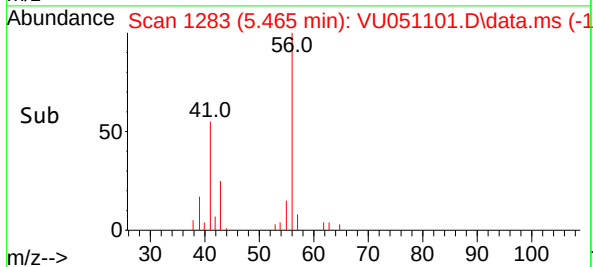
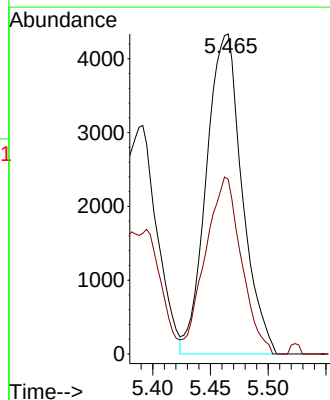
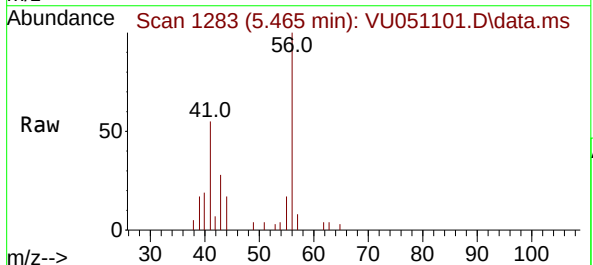
RT: 5.465 min Scan# 1283

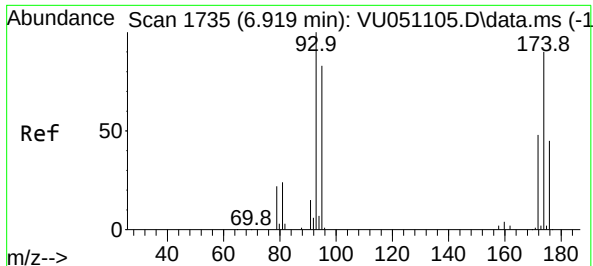
Delta R.T. 0.006 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

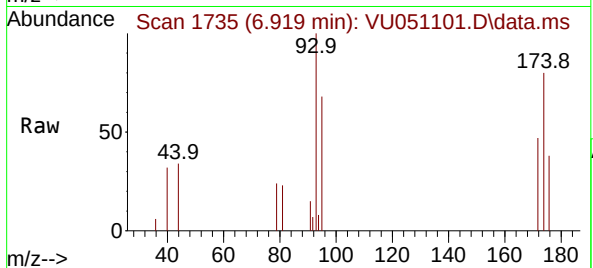
Tgt Ion:	56	Resp:	9330
Ion Ratio	Lower	Upper	
56	100		
41	55.8	26.4	79.2





#43
Dibromomethane
Concen: 0.681 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

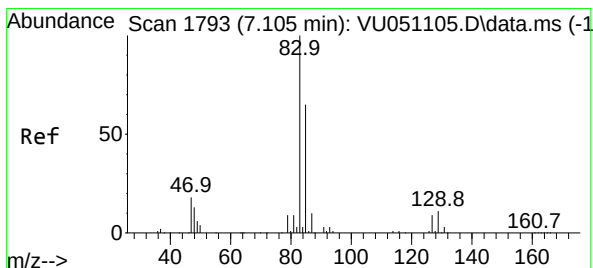
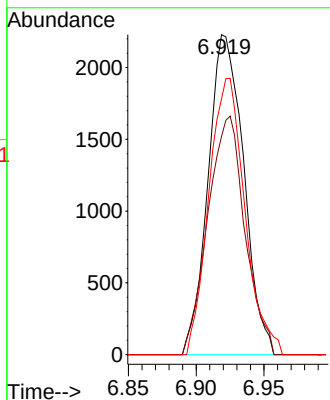
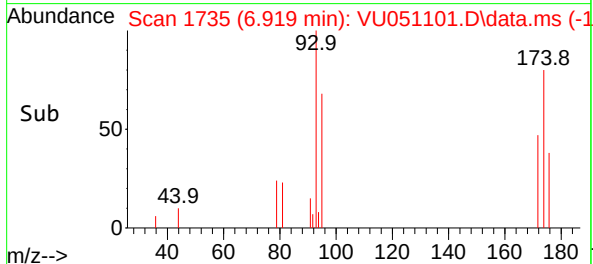
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 93 Resp: 405
Ion Ratio Lower Upper
93 100
95 78.0 65.0 97.6
174 87.5 76.3 114.5

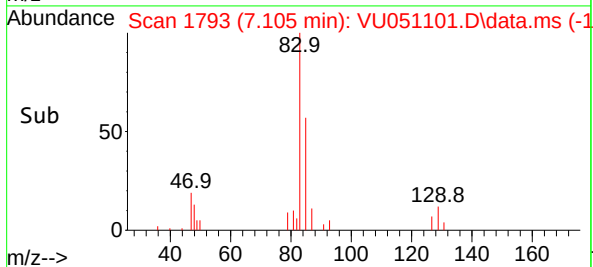
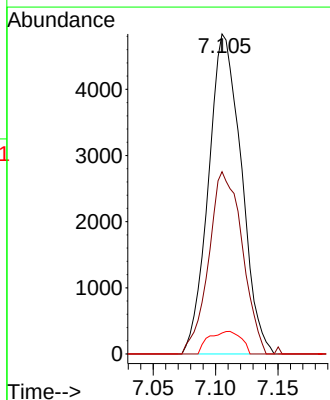
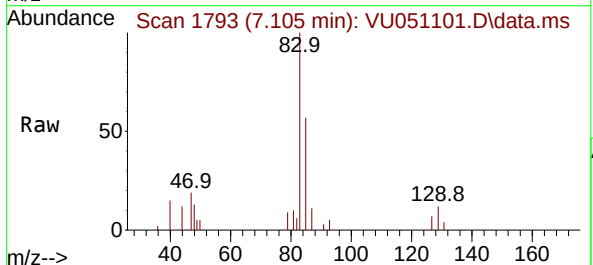
Manual Integrations
APPROVED

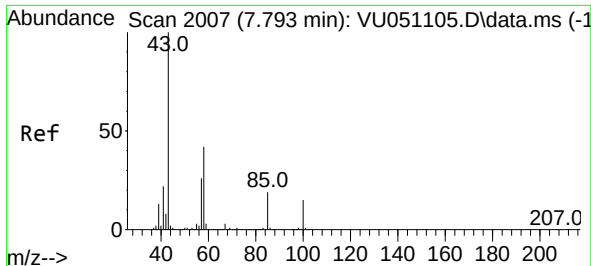
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#44
Bromodichloromethane
Concen: 0.626 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion: 83 Resp: 8861
Ion Ratio Lower Upper
83 100
85 57.0 49.4 74.0
127 6.6 6.6 10.0#





#45

4-Methyl-2-Pentanone

Concen: 2.796 ug/l

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

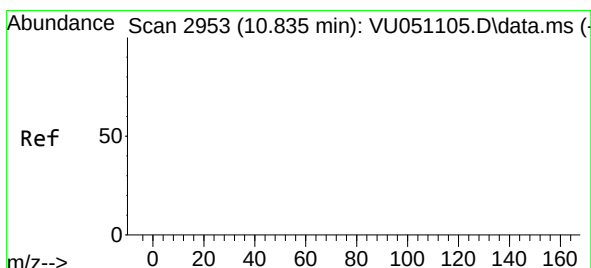
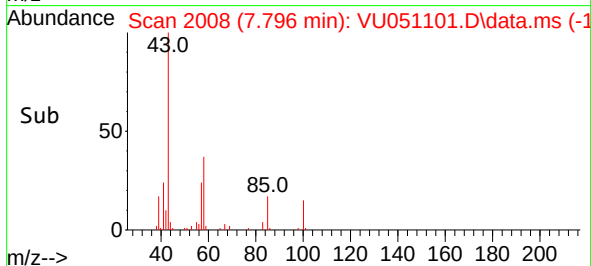
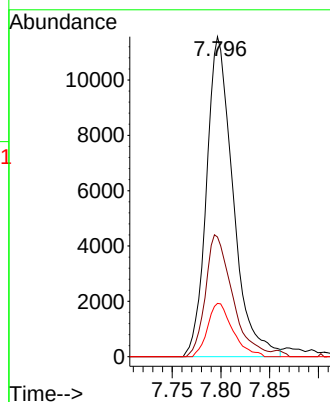
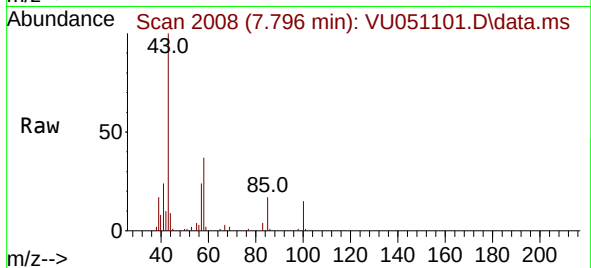
Tgt Ion: 43	Resp: 2189
Ion Ratio	Lower Upper
43 100	
58 38.7	20.3 61.0
85 15.8	14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#46

t-1,4-Dichloro-2-butene

Concen: 0.987 ug/l m

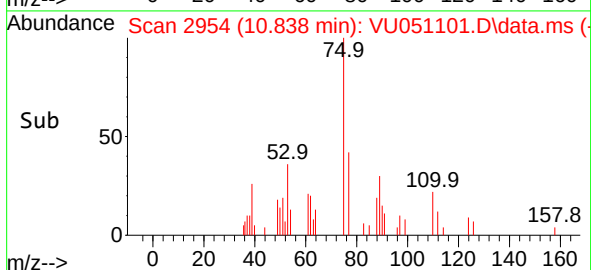
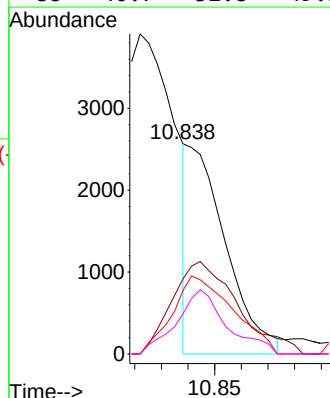
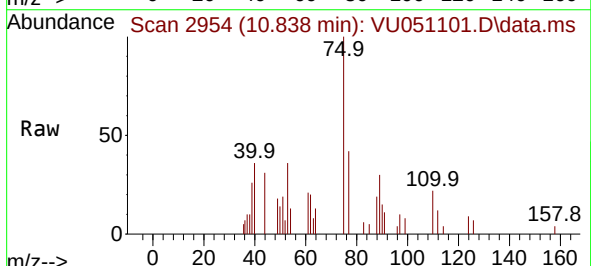
RT: 10.838 min Scan# 2954

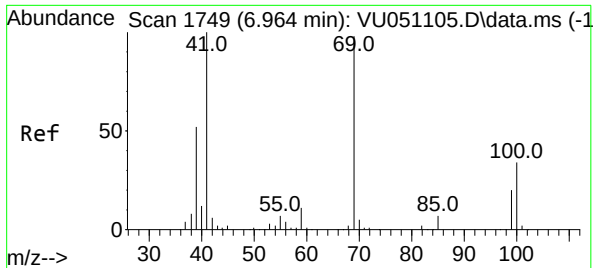
Delta R.T. 0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Tgt Ion: 75	Resp: 2502
Ion Ratio	Lower Upper
75 100	
53 77.2	64.4 96.6
89 60.1	44.2 66.2
88 40.7	32.8 49.2





#47

Methyl methacrylate

Concen: 0.949 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 69 Resp: 5579

Ion Ratio Lower Upper

69 100

41 109.4 0.0 225.4

39 59.3 45.8 68.8

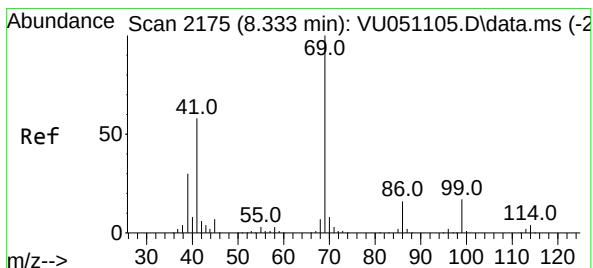
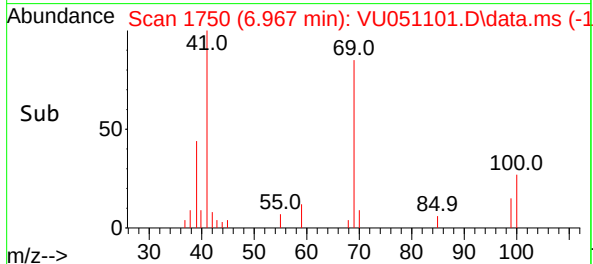
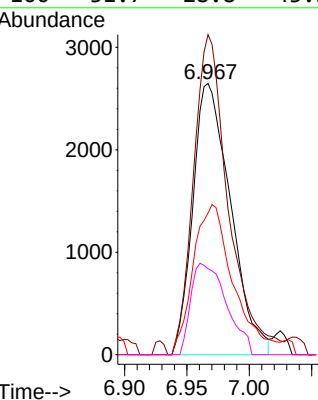
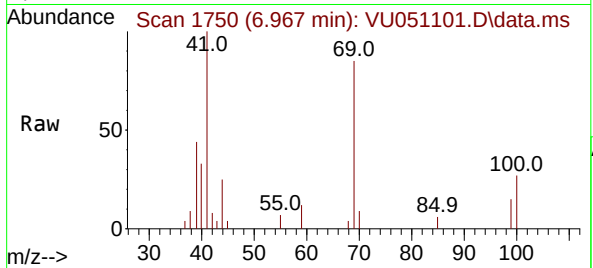
100 31.7 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#48

Ethyl methacrylate

Concen: 0.384 ug/l

RT: 8.343 min Scan# 2178

Delta R.T. 0.010 min

Lab File: VU051101.D

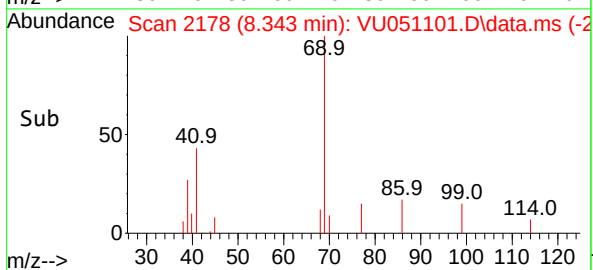
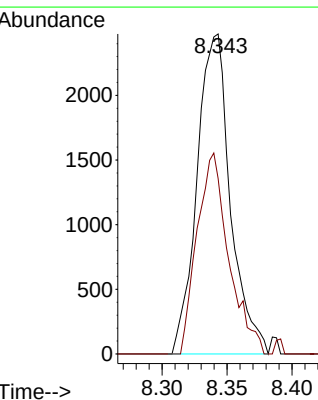
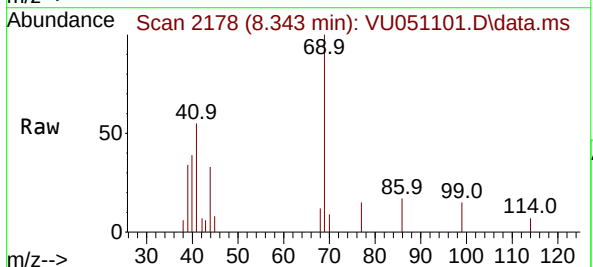
Acq: 04 Oct 2022 11:03

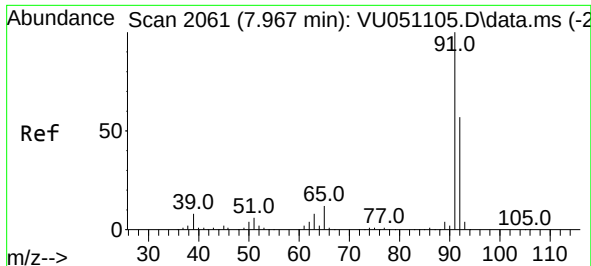
Tgt Ion: 69 Resp: 4421

Ion Ratio Lower Upper

69 100

41 59.6 32.3 96.9





#49

Toluene

Concen: 0.413 ug/l

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 92 Resp: 1115

Ion Ratio Lower Upper

92 100

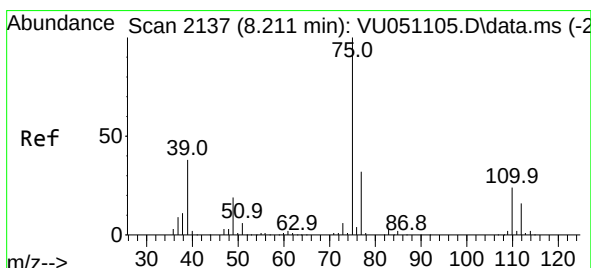
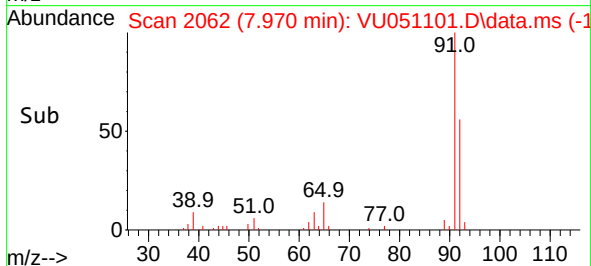
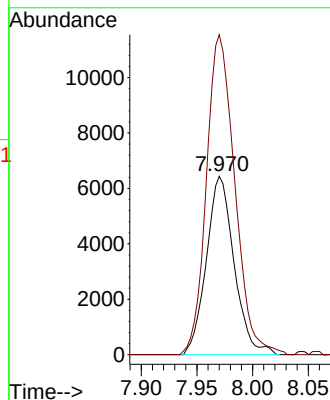
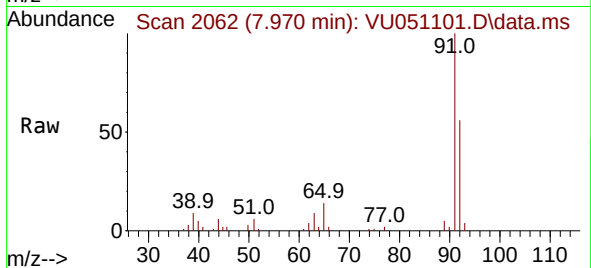
91 183.7 138.6 207.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#50

t-1,3-Dichloropropene

Concen: 0.485 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU051101.D

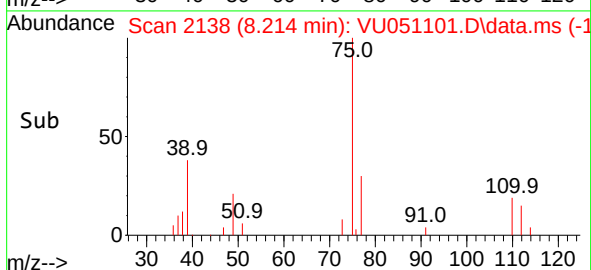
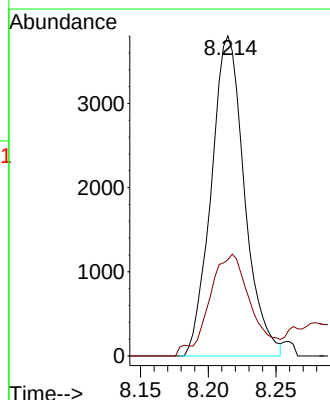
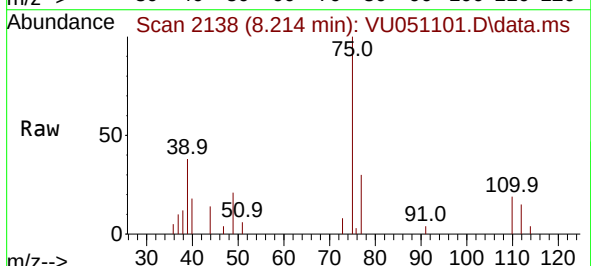
Acq: 04 Oct 2022 11:03

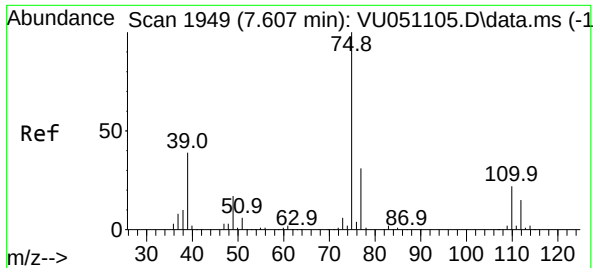
Tgt Ion: 75 Resp: 6485

Ion Ratio Lower Upper

75 100

77 27.2 24.7 37.1





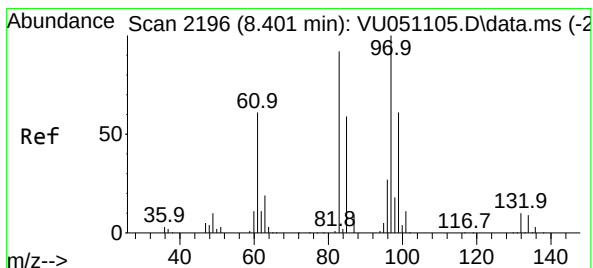
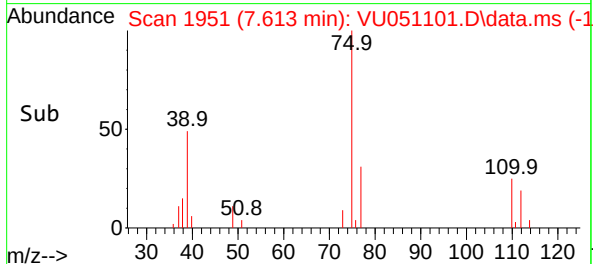
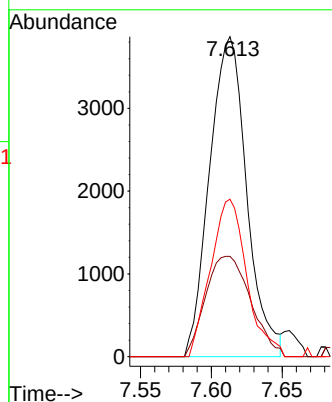
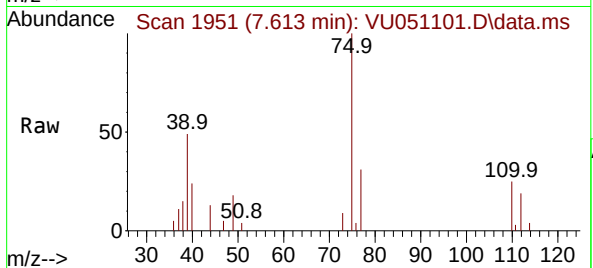
#51
 cis-1,3-Dichloropropene
 Concen: 0.448 ug/l
 RT: 7.613 min Scan# 1949
 Delta R.T. 0.006 min
 Lab File: VU051101.D
 Acq: 04 Oct 2022 11:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 75 Resp: 7050
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0
 39 49.2 35.1 52.7

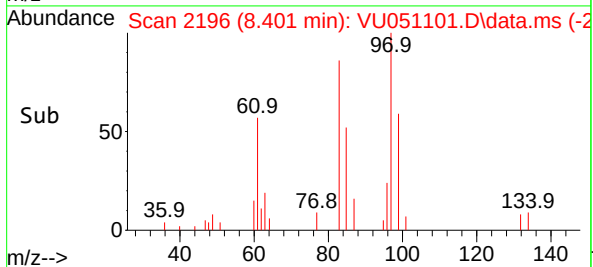
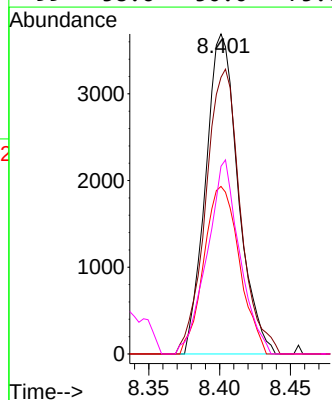
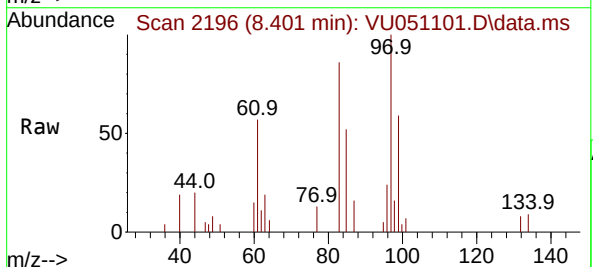
Manual Integrations
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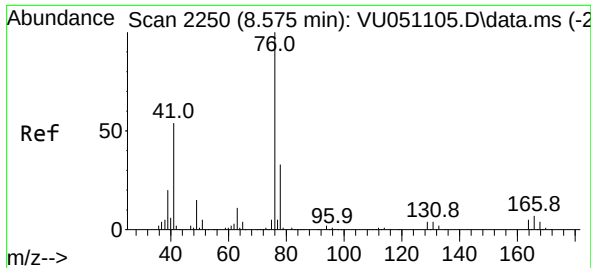
Reviewed By :Krupa Patel 10/05/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#52
 1,1,2-Trichloroethane
 Concen: 0.714 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. -0.000 min
 Lab File: VU051101.D
 Acq: 04 Oct 2022 11:03

Tgt Ion: 97 Resp: 5902
 Ion Ratio Lower Upper
 97 100
 83 86.5 70.6 106.0
 85 52.3 46.2 69.4
 99 58.6 50.0 75.0





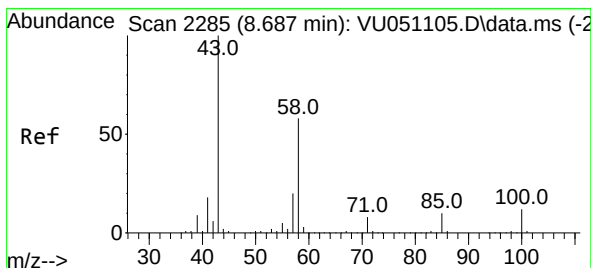
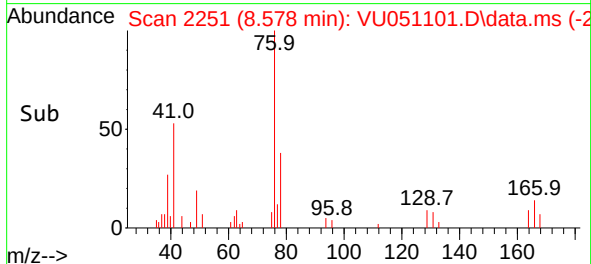
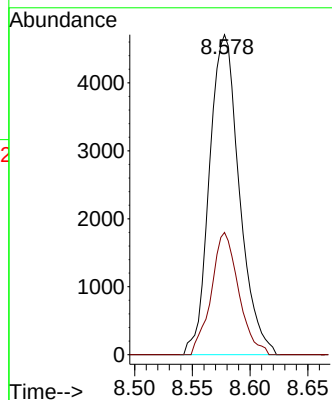
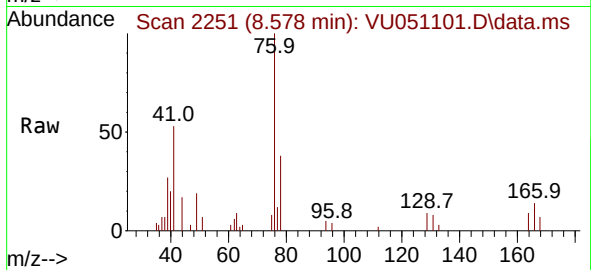
#53
1,3-Dichloropropane
Concen: 0.578 ug/l
RT: 8.578 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 76 Resp: 848
Ion Ratio Lower Upper
76 100
78 35.0 26.0 39.0

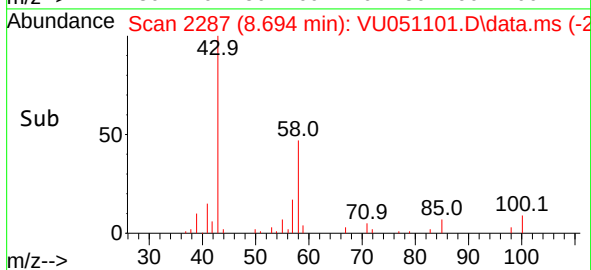
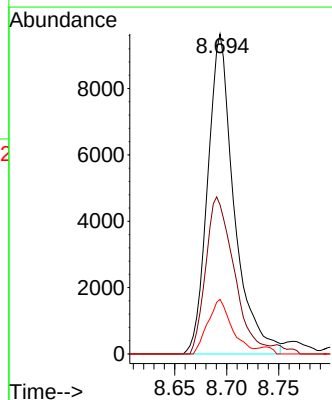
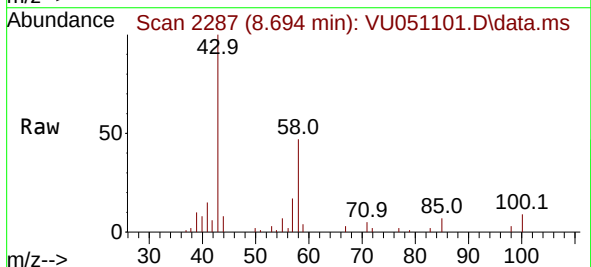
Manual Integrations
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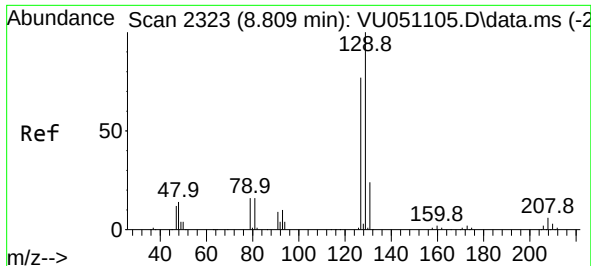
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#54
2-Hexanone
Concen: 3.122 ug/l
RT: 8.694 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion: 43 Resp: 17048
Ion Ratio Lower Upper
43 100
58 52.6 37.1 77.1
57 15.6 0.0 39.5





#55

Dibromochloromethane

Concen: 0.723 ug/l

RT: 8.812 min Scan# 2323

Delta R.T. 0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion:129 Resp: 6732

Ion Ratio Lower Upper

129 100

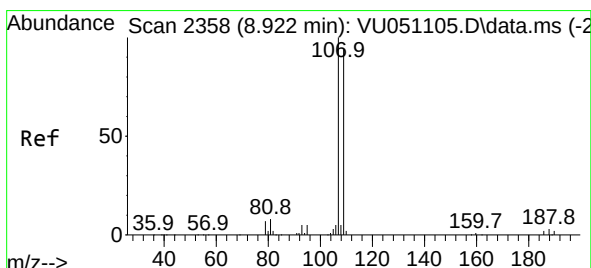
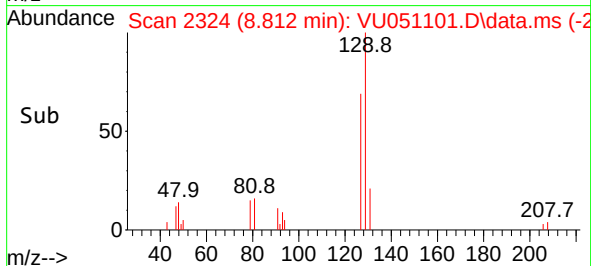
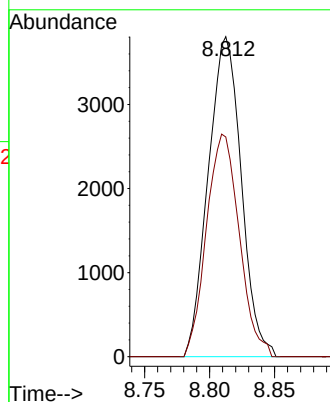
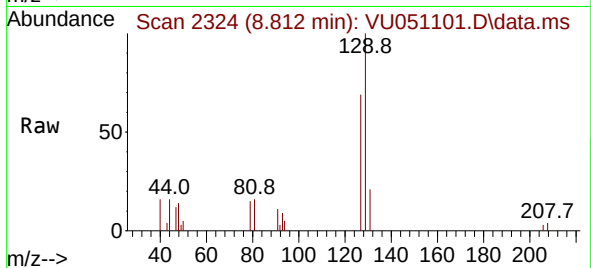
127 69.1 61.2 91.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#56

1,2-Dibromoethane

Concen: 0.624 ug/l

RT: 8.925 min Scan# 2359

Delta R.T. 0.003 min

Lab File: VU051101.D

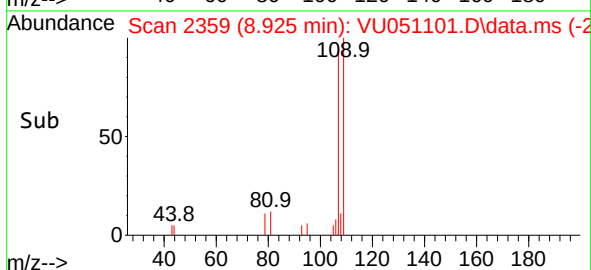
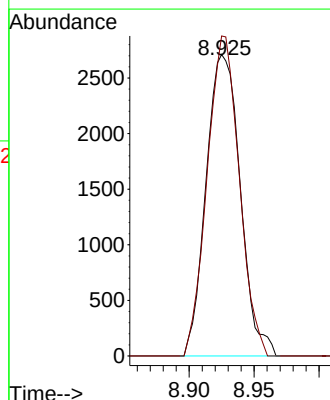
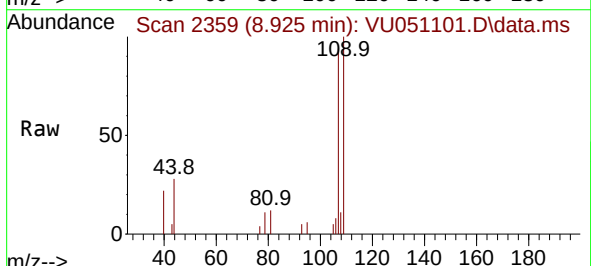
Acq: 04 Oct 2022 11:03

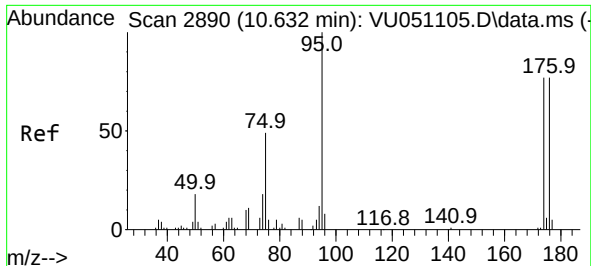
Tgt Ion:107 Resp: 4966

Ion Ratio Lower Upper

107 100

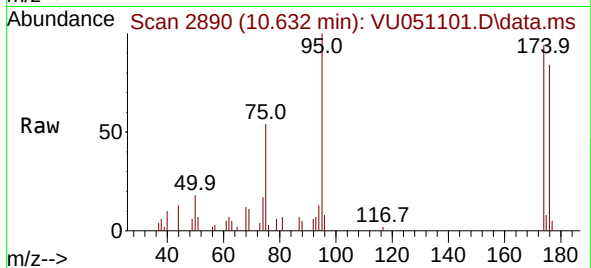
109 99.4 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 0.748 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

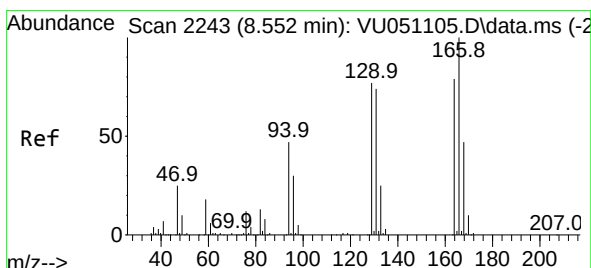
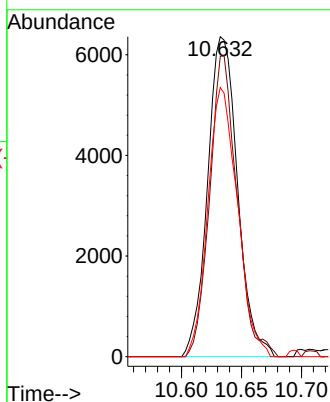
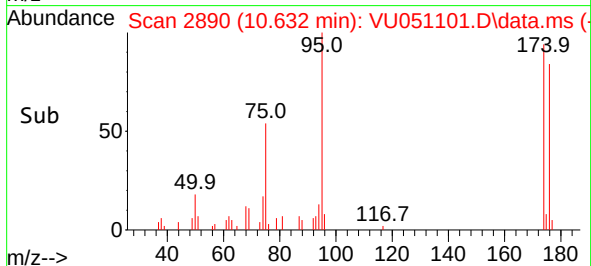
Instrument : MSVOA_U
ClientSampleId : VSTDIC0.5



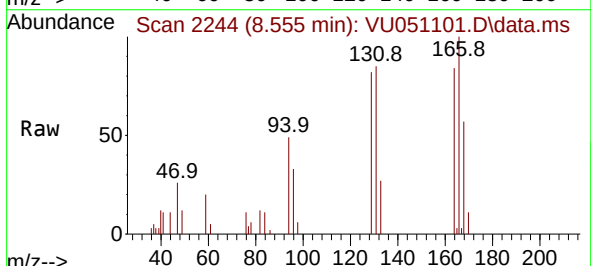
Tgt Ion: 95 Resp: 1105
Ion Ratio Lower Upper
95 100
174 86.2 62.4 93.6
176 83.1 56.2 84.2

Manual Integrations
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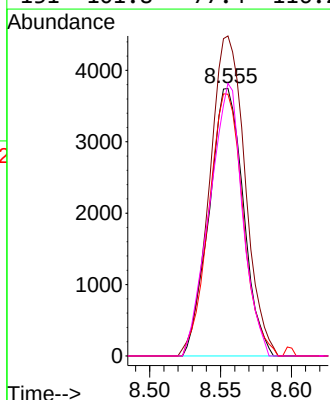
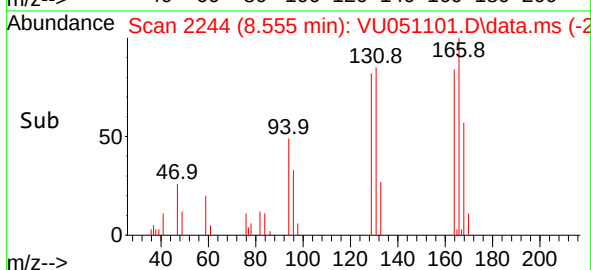
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

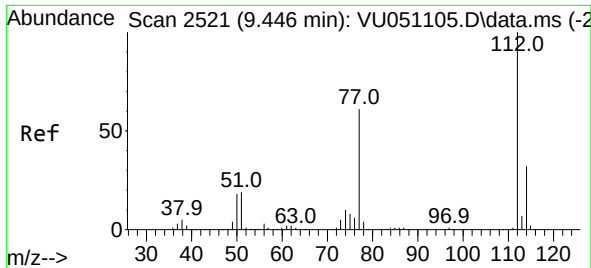


#58
Tetrachloroethene
Concen: 0.654 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03



Tgt Ion:164 Resp: 6306
Ion Ratio Lower Upper
164 100
166 119.6 102.4 153.6
129 97.8 79.5 119.3
131 101.8 77.4 116.2





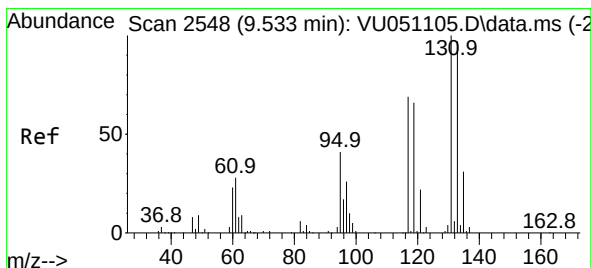
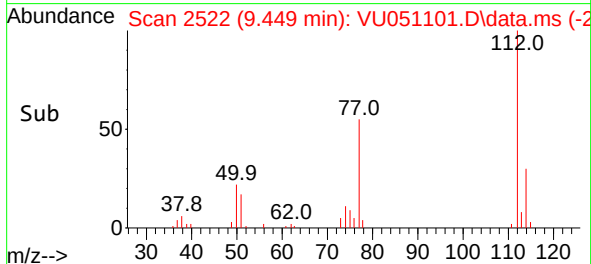
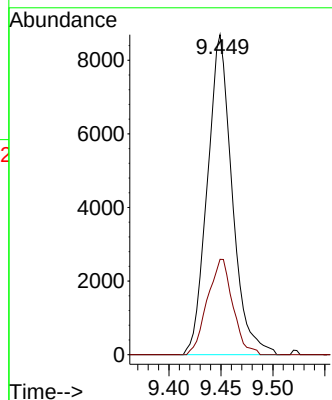
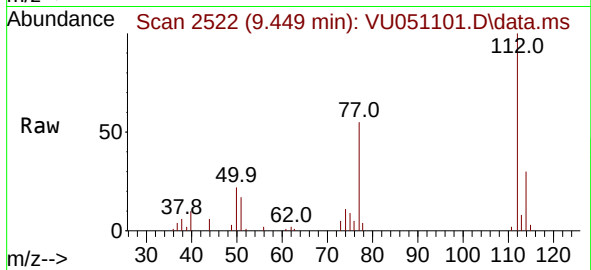
#59
Chlorobenzene
Concen: 0.510 ug/l
RT: 9.449 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion:112 Resp: 1441
Ion Ratio Lower Upper
112 100
114 29.8 24.9 37.3

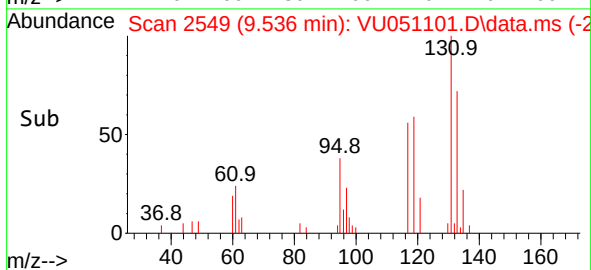
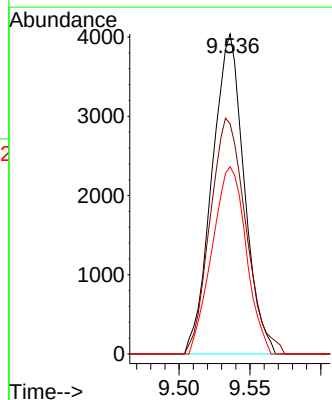
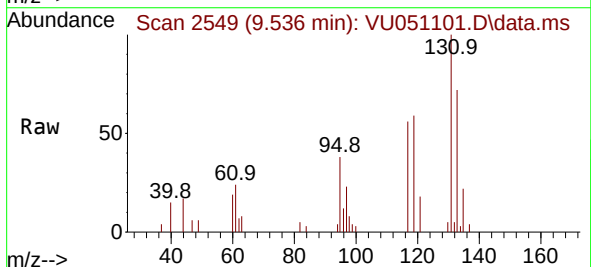
Manual Integrations
APPROVED

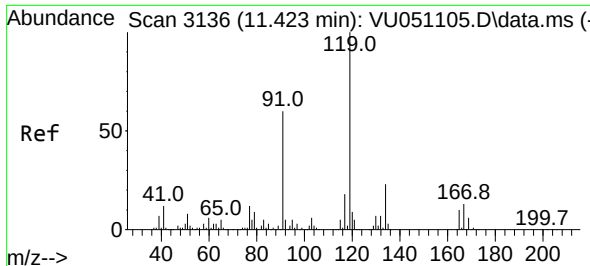
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#60
1,1,1,2-Tetrachloroethane
Concen: 0.632 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion:131 Resp: 6368
Ion Ratio Lower Upper
131 100
133 81.9 78.3 117.5
119 62.1 53.2 79.8





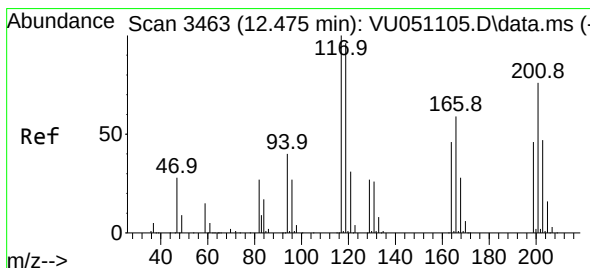
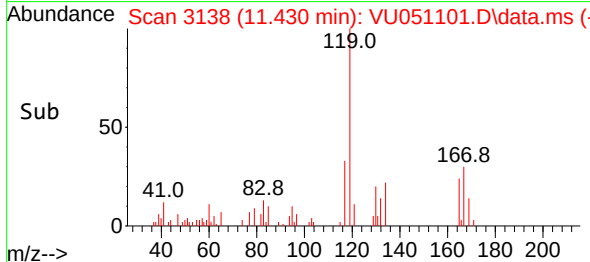
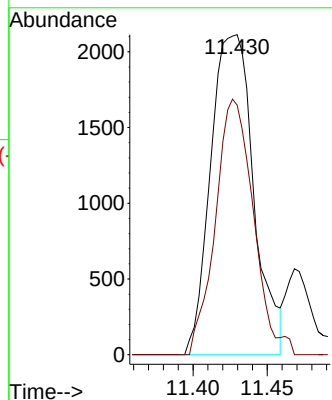
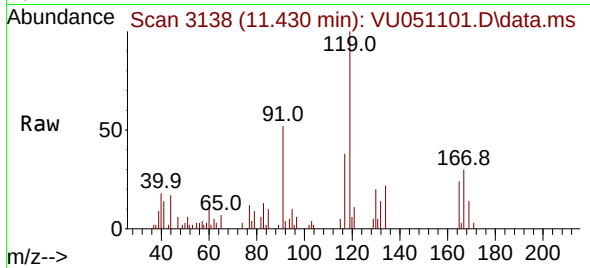
#61
Pentachloroethane
Concen: 0.563 ug/l
RT: 11.430 min Scan# 3136
Delta R.T. 0.006 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 4260
Ion Ratio Lower Upper
117 100
167 70.4 66.2 99.4

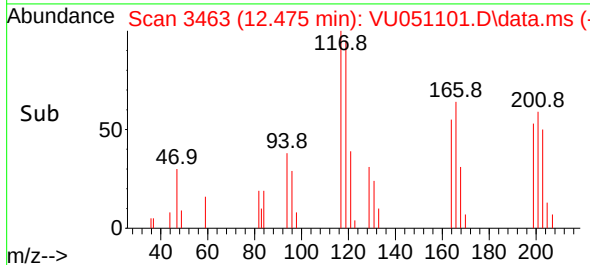
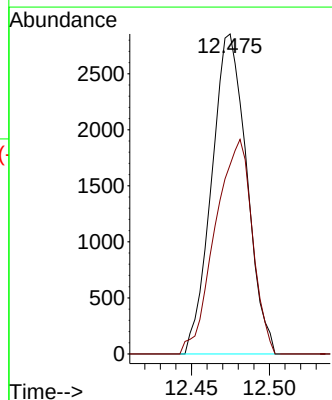
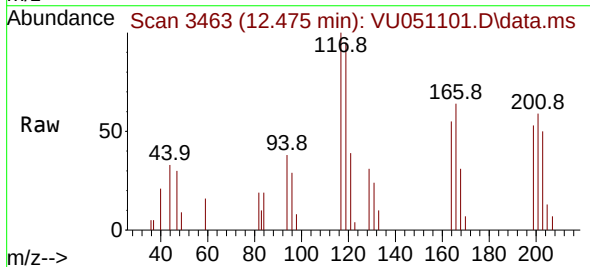
Manual Integrations
APPROVED

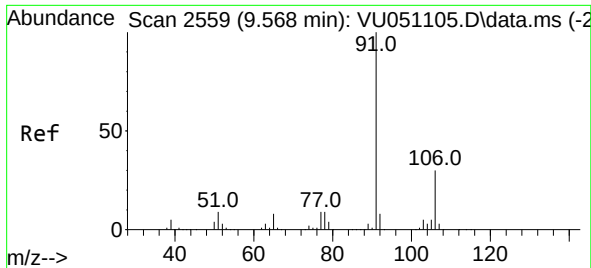
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#62
Hexachloroethane
Concen: 0.568 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion:117 Resp: 4450
Ion Ratio Lower Upper
117 100
201 71.0 61.0 91.4





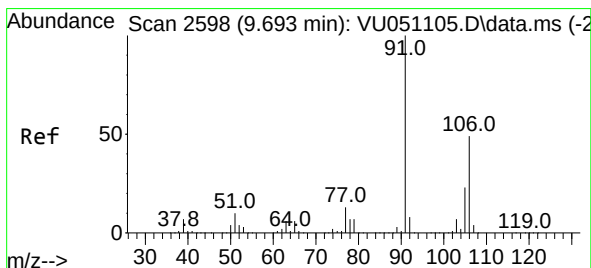
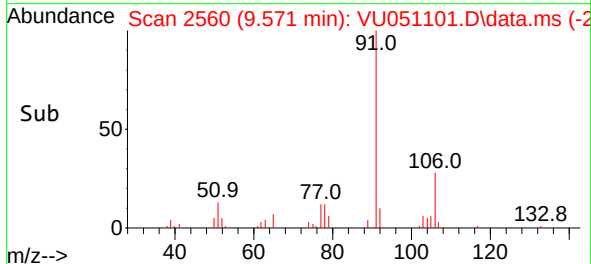
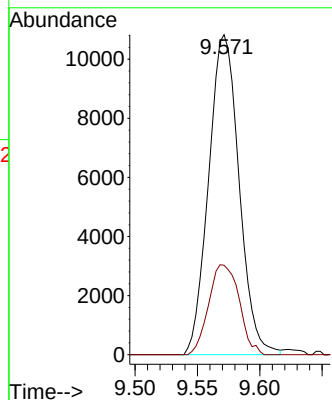
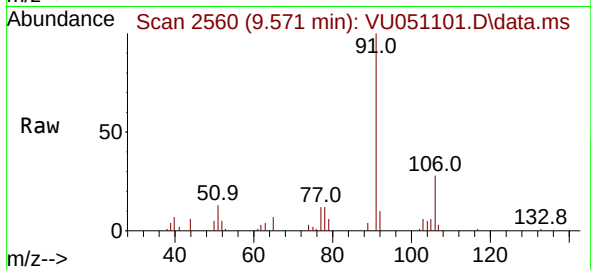
#63
Ethyl Benzene
Concen: 0.366 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 1842
Ion Ratio Lower Upper
91 100
106 27.9 24.4 36.6

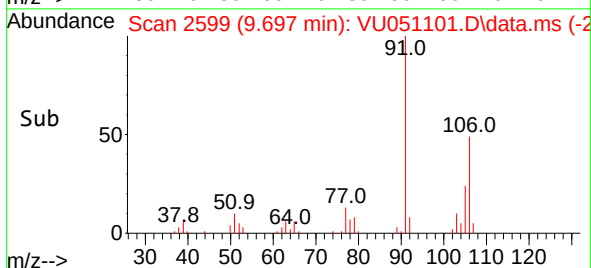
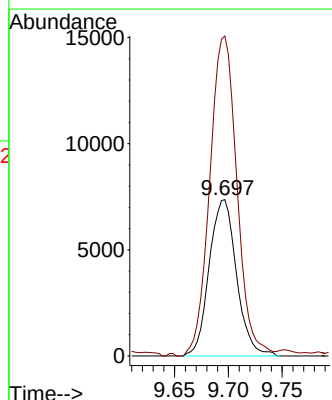
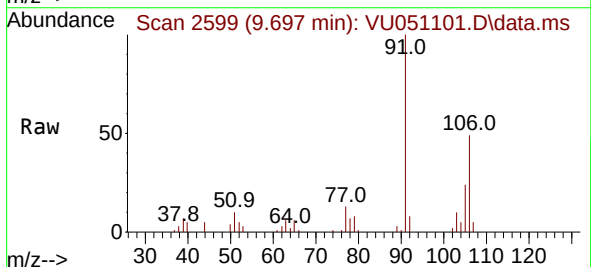
Manual Integrations
APPROVED

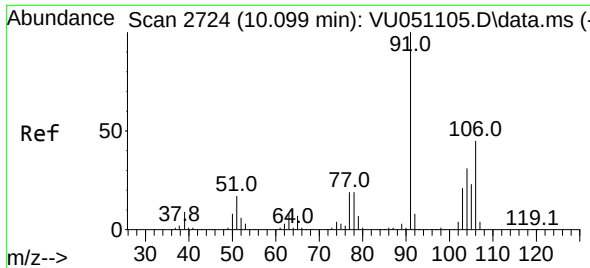
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#64
m/p-Xylenes
Concen: 0.687 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion:106 Resp: 13008
Ion Ratio Lower Upper
106 100
91 203.6 167.8 251.6





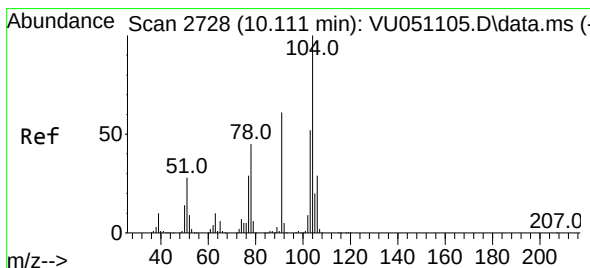
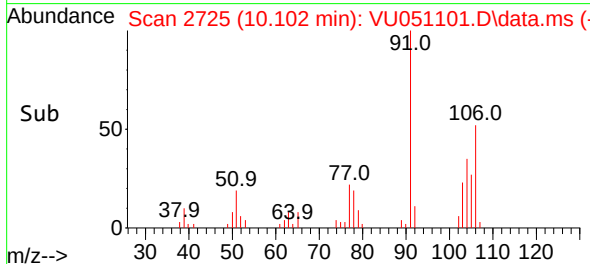
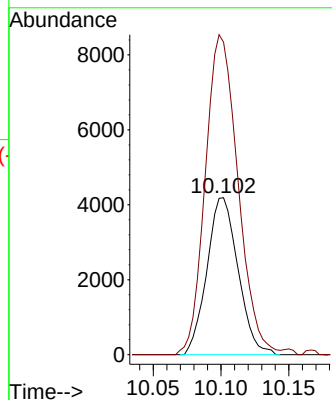
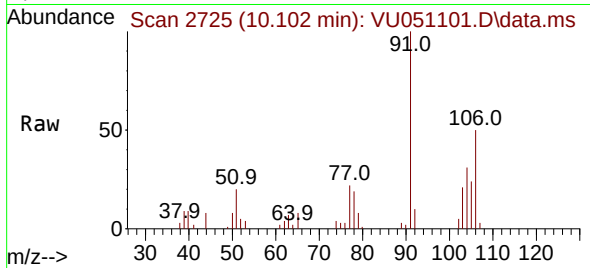
#65
o-Xylene
Concen: 0.362 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:106 Resp: 669
Ion Ratio Lower Upper
106 100
91 214.0 111.1 333.2

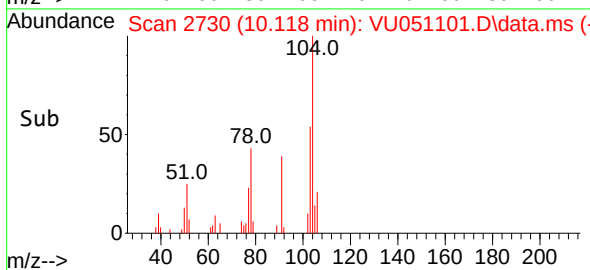
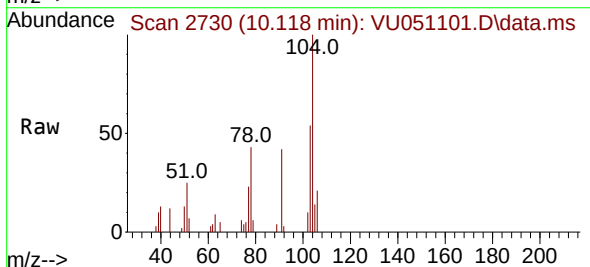
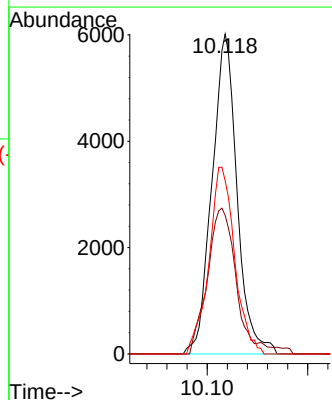
Manual Integrations
APPROVED

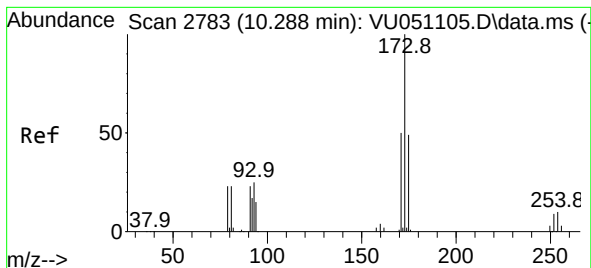
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#66
Styrene
Concen: 0.347 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.006 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion:104 Resp: 10386
Ion Ratio Lower Upper
104 100
78 53.2 42.1 63.1
103 60.0 44.5 66.7





#67

Bromoform

Concen: 0.704 ug/l

RT: 10.291 min Scan# 2784

Delta R.T. 0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

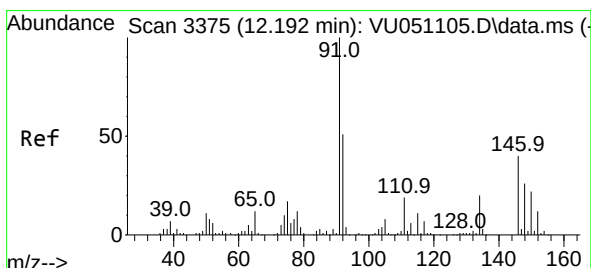
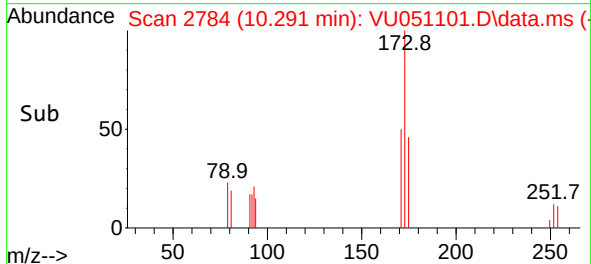
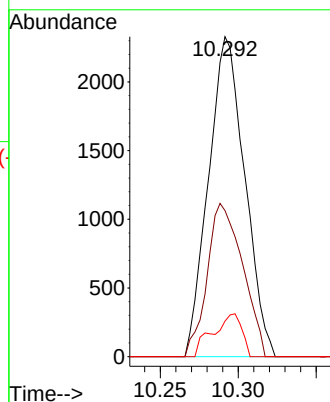
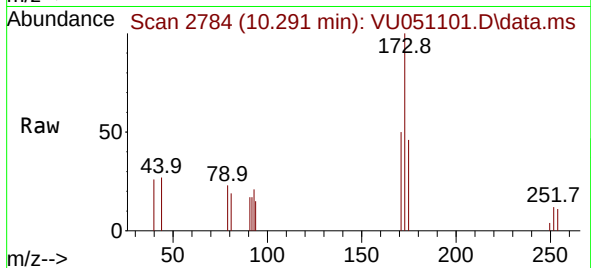
Tgt Ion:173	Resp:	376
Ion Ratio	Lower	Upper
173	100	
175	46.8	38.4 57.6
254	10.7	7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#68

1,2-Dichlorobenzene-d4

Concen: 1.000 ug/l

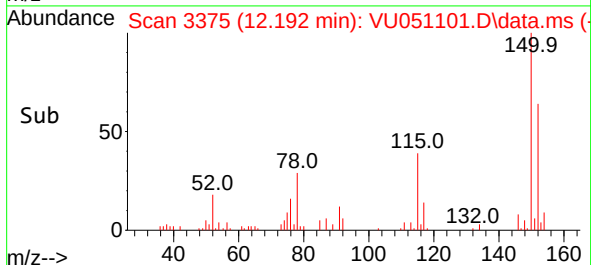
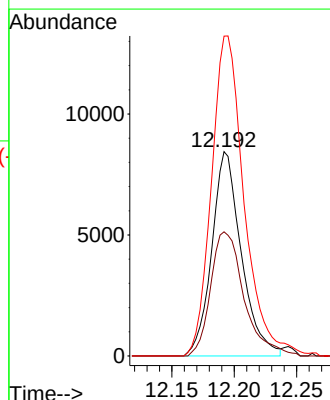
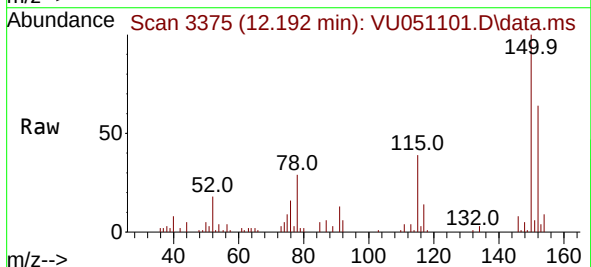
RT: 12.192 min Scan# 3375

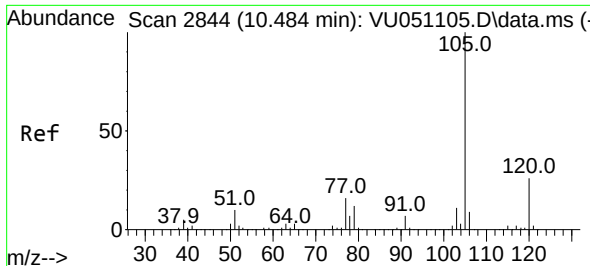
Delta R.T. -0.000 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Tgt Ion:152	Resp:	13930
Ion Ratio	Lower	Upper
152	100	
115	68.6	0.0 254.6
150	173.8	0.0 623.6





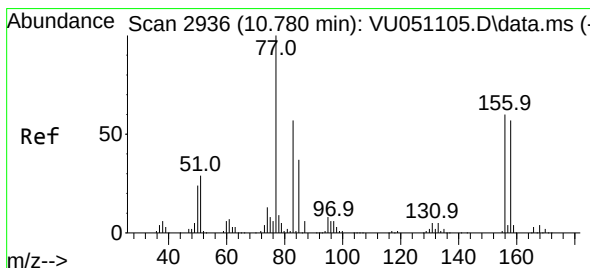
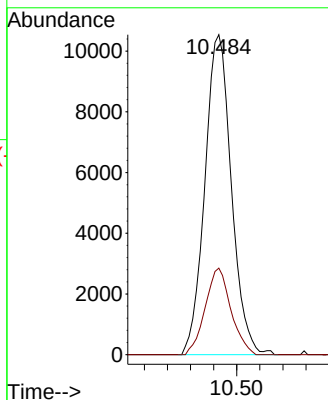
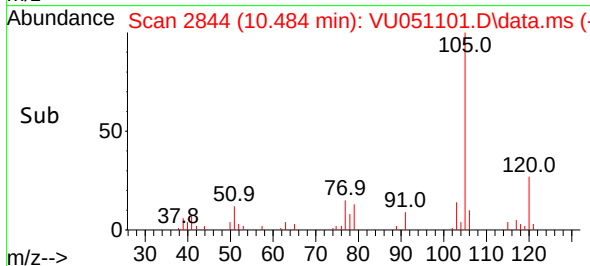
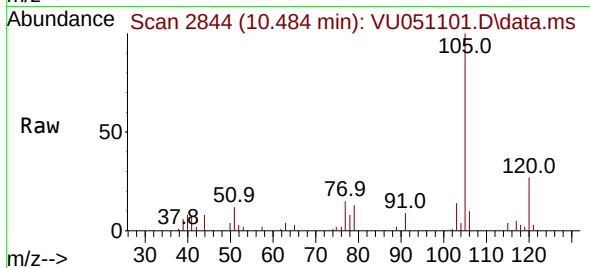
#69
Isopropylbenzene
Concen: 0.345 ug/l
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 1681
Ion Ratio Lower Upper
105 100
120 26.2 12.6 37.8

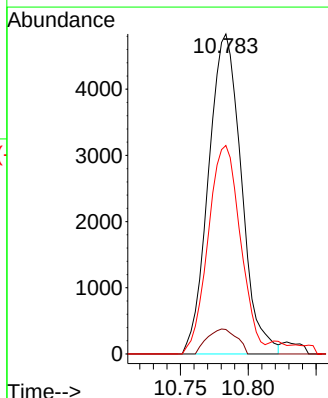
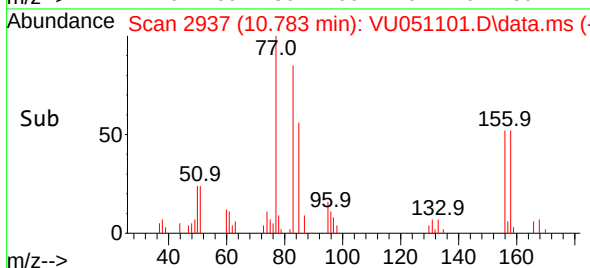
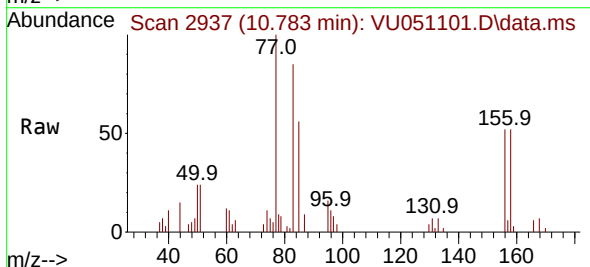
Manual Integrations
APPROVED

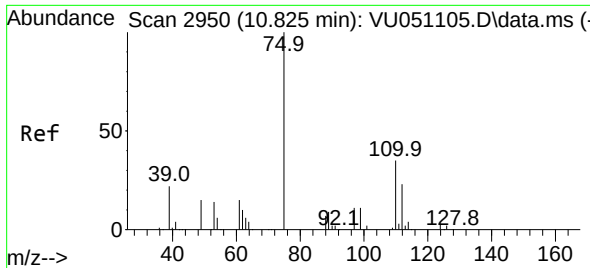
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 0.754 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion: 83 Resp: 8131
Ion Ratio Lower Upper
83 100
131 7.0 7.7 11.5#
85 64.3 51.2 76.8





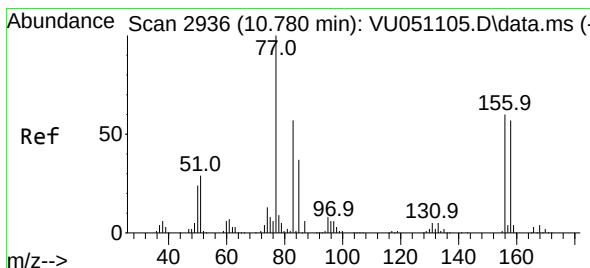
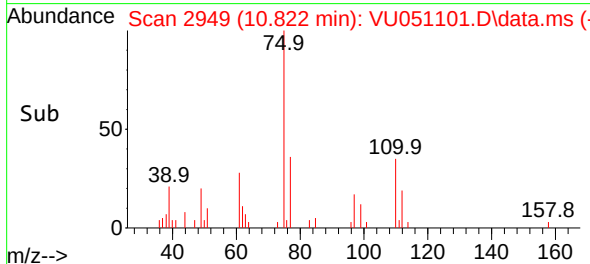
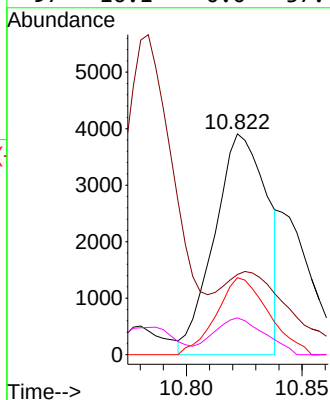
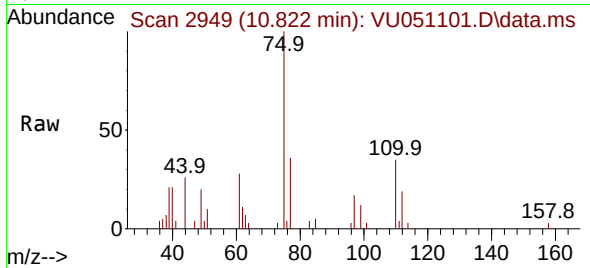
#71
1,2,3-Trichloropropane
Concen: 0.689 ug/l m
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 6180
Ion Ratio Lower Upper
75 100
77 47.0 0.0 112.4
110 34.6 0.0 70.6
97 16.1 0.0 37.4

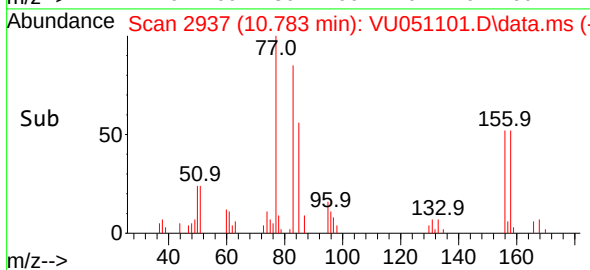
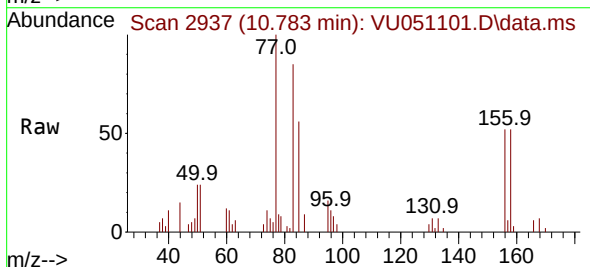
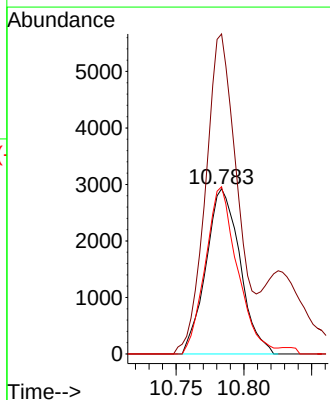
Manual Integrations
APPROVED

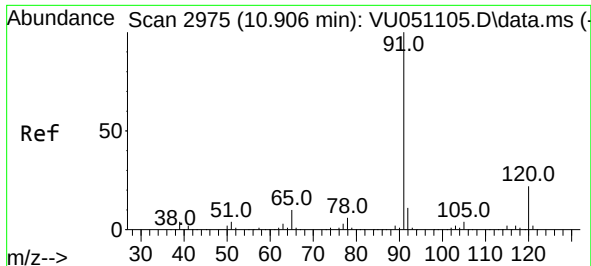
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#72
Bromobenzene
Concen: 0.454 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion:156 Resp: 5085
Ion Ratio Lower Upper
156 100
77 180.8 0.0 344.4
158 96.0 0.0 192.2





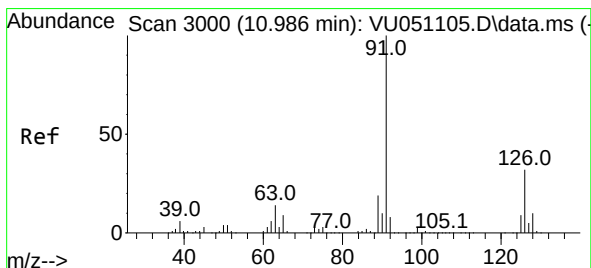
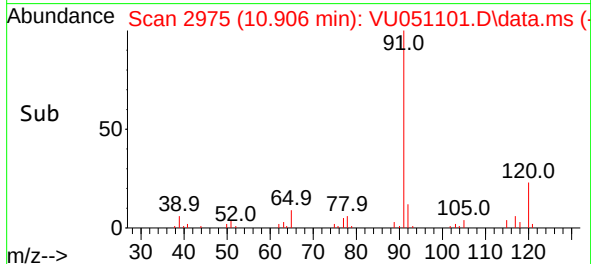
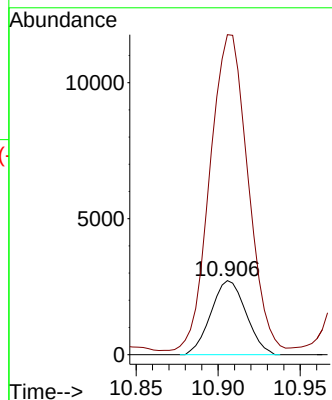
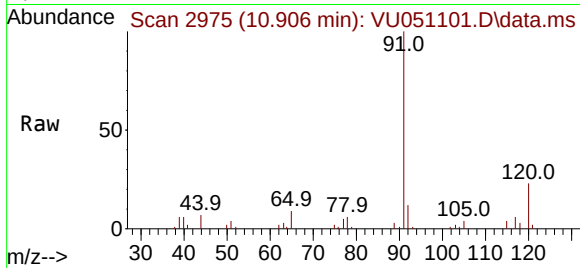
#73
n-propylbenzene
Concen: 0.323 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion:120 Resp: 404
Ion Ratio Lower Upper
120 100
91 470.8 367.8 551.6

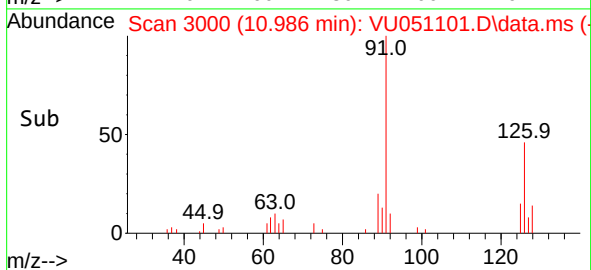
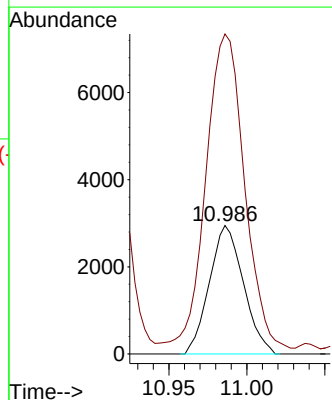
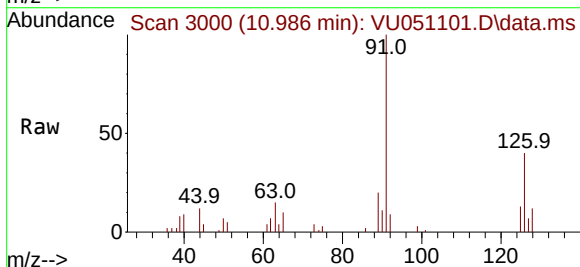
Manual Integrations
APPROVED

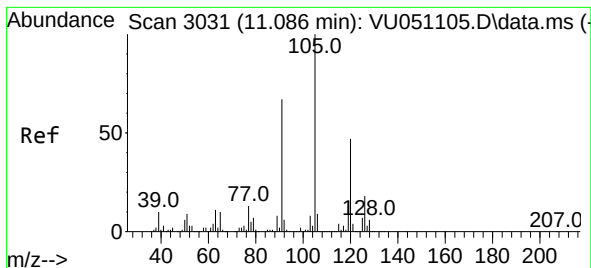
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#74
2-Chlorotoluene
Concen: 0.399 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion:126 Resp: 4473
Ion Ratio Lower Upper
126 100
91 277.7 0.0 620.6





#75

1,3,5-Trimethylbenzene

Concen: 0.317 ug/l

RT: 11.089 min Scan# 3031

Delta R.T. 0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion:105 Resp: 1311

Ion Ratio Lower Upper

105 100

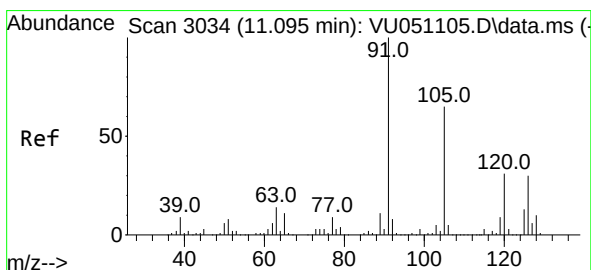
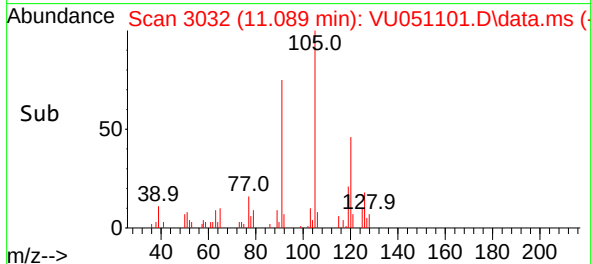
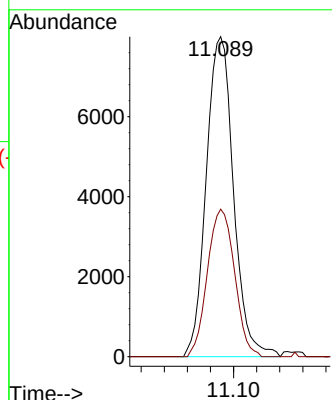
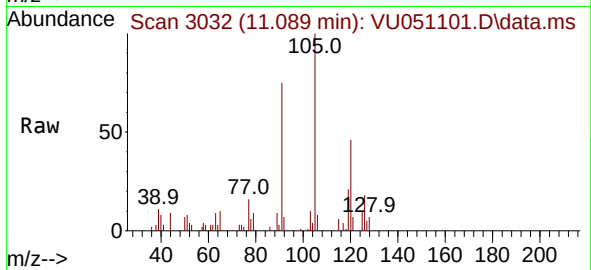
120 45.9 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#76

4-Chlorotoluene

Concen: 0.342 ug/l

RT: 11.099 min Scan# 3035

Delta R.T. 0.003 min

Lab File: VU051101.D

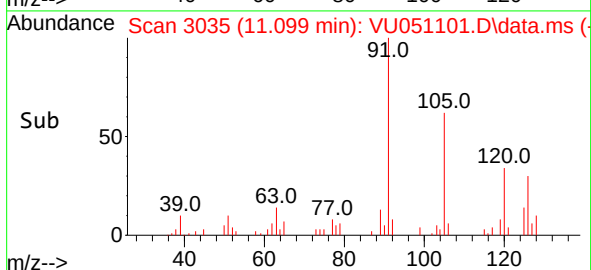
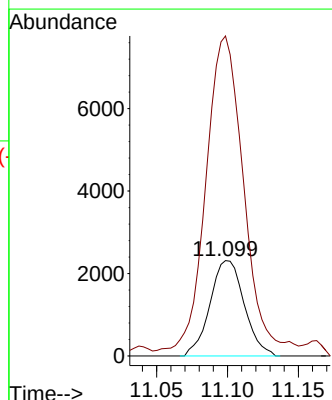
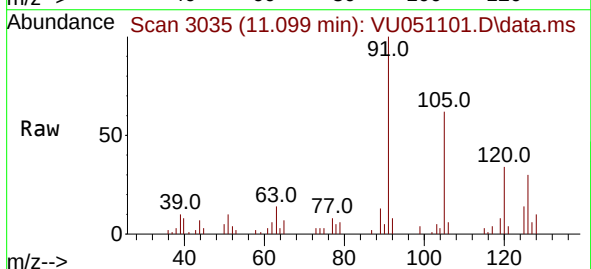
Acq: 04 Oct 2022 11:03

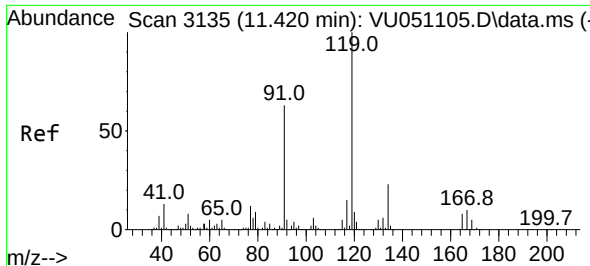
Tgt Ion:126 Resp: 3890

Ion Ratio Lower Upper

126 100

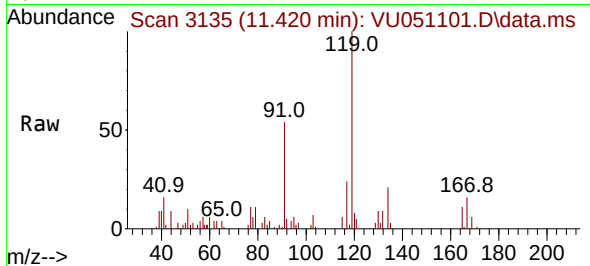
91 355.4 0.0 738.8





#77
tert-Butylbenzene
Concen: 0.356 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

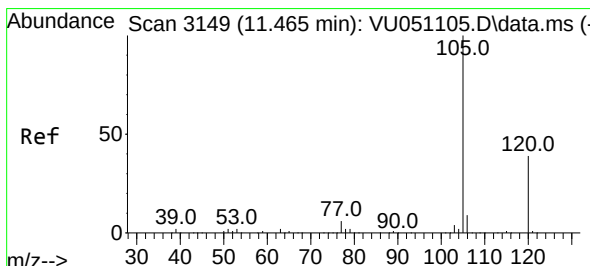
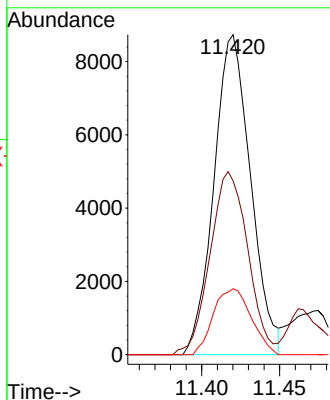
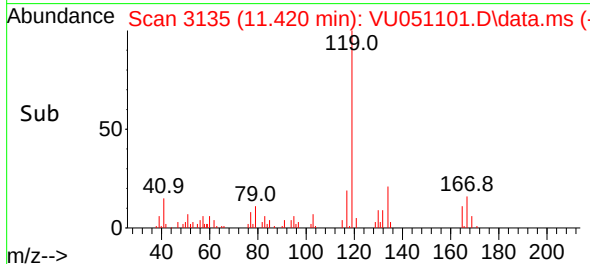
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



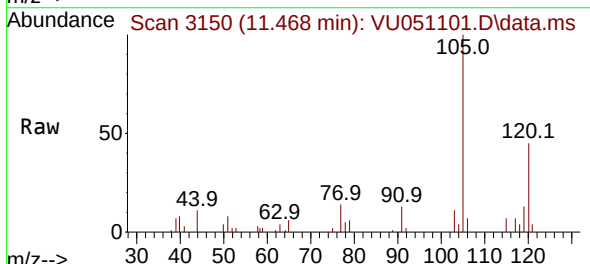
Tgt Ion:119 Resp: 14318
Ion Ratio Lower Upper
119 100
91 58.7 30.4 91.3
134 21.2 17.8 26.6

Manual Integrations
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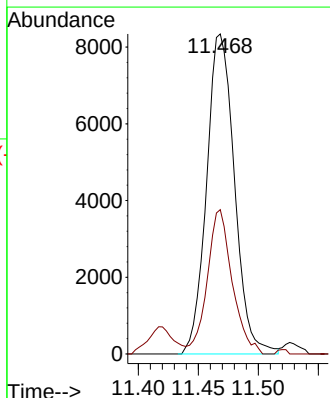
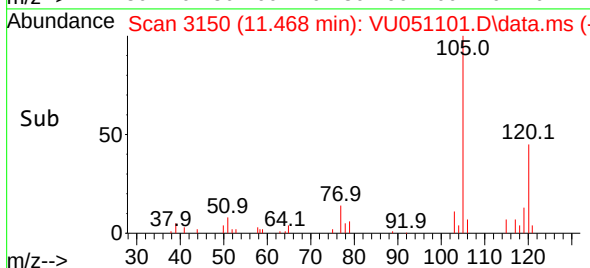
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

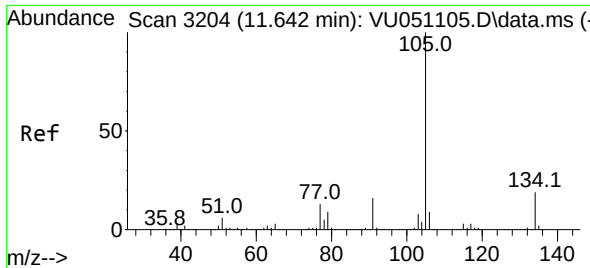


#78
1,2,4-Trimethylbenzene
Concen: 0.322 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03



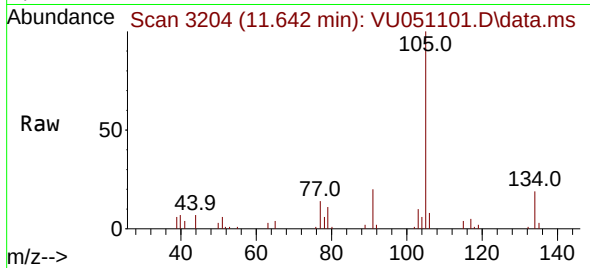
Tgt Ion:105 Resp: 13508
Ion Ratio Lower Upper
105 100
120 40.3 21.6 65.0





#79
 sec-Butylbenzene
 Concen: 0.331 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU051101.D
 Acq: 04 Oct 2022 11:03

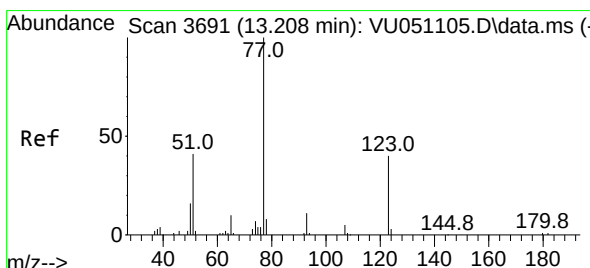
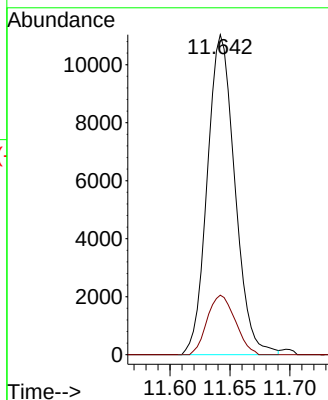
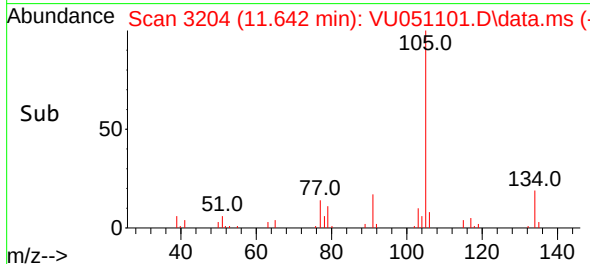
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



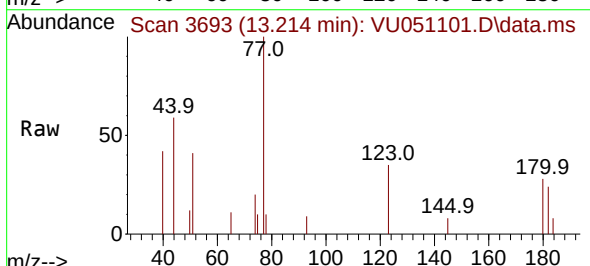
Tgt Ion:105 Resp: 1765
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.4 23.0

Manual Integrations
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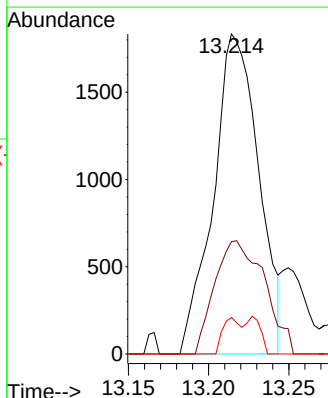
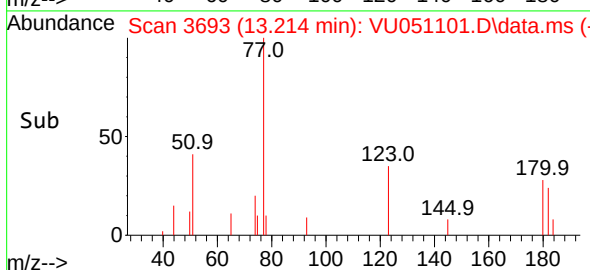
Reviewed By :Krupa Patel 10/05/2022
 Supervised By :Mahesh Dadoda 10/05/2022

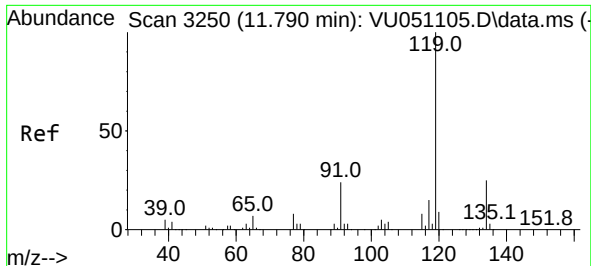


#80
 Nitrobenzene
 Concen: 7.928 ug/l m
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.006 min
 Lab File: VU051101.D
 Acq: 04 Oct 2022 11:03



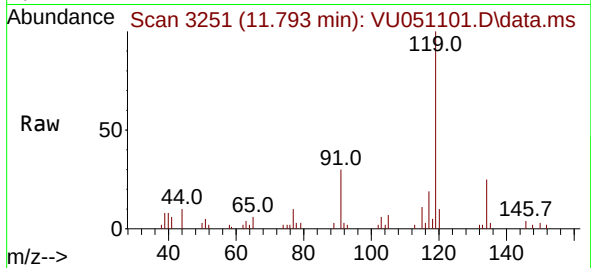
Tgt Ion: 77 Resp: 3601
 Ion Ratio Lower Upper
 77 100
 123 38.9 18.1 64.3
 65 4.6 10.8 13.8#





#81
p-Isopropyltoluene
Concen: 0.301 ug/l
RT: 11.793 min Scan# 3122
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

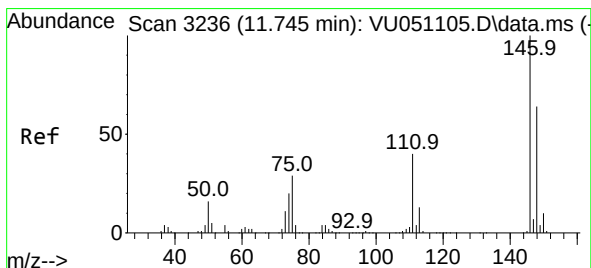
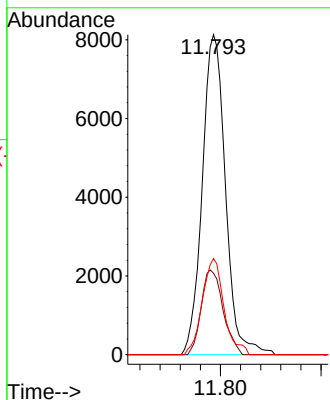
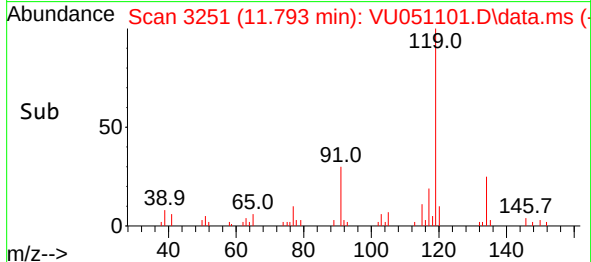
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



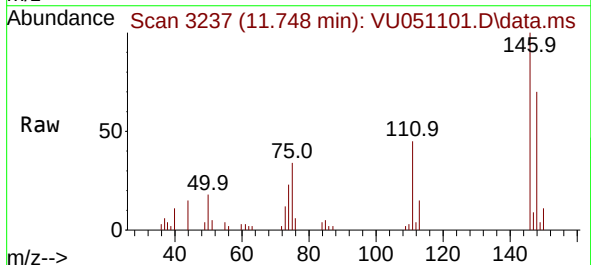
Tgt Ion:119 Resp: 1302
Ion Ratio Lower Upper
119 100
134 24.9 20.5 30.7
91 28.1 19.8 29.6

Manual Integrations
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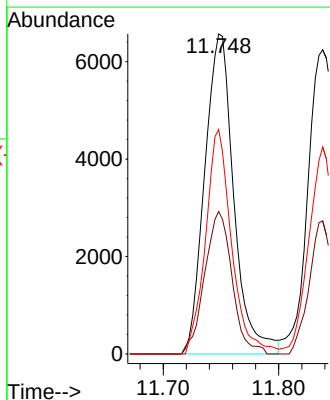
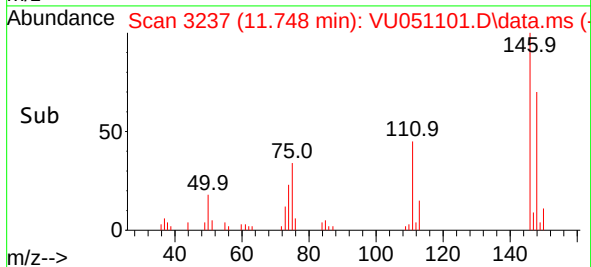
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

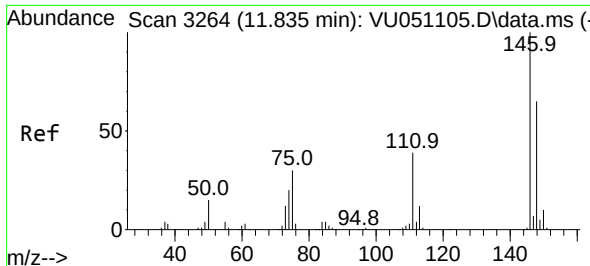


#82
1,3-Dichlorobenzene
Concen: 0.526 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03



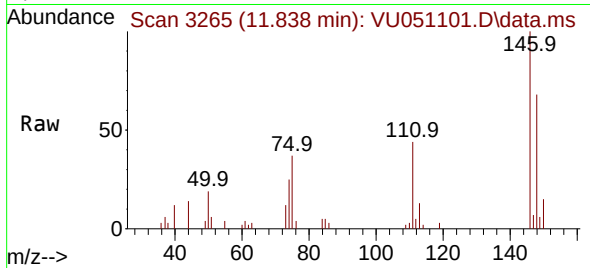
Tgt Ion:146 Resp: 11514
Ion Ratio Lower Upper
146 100
111 41.9 33.4 50.2
148 62.8 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 0.522 ug/l m
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

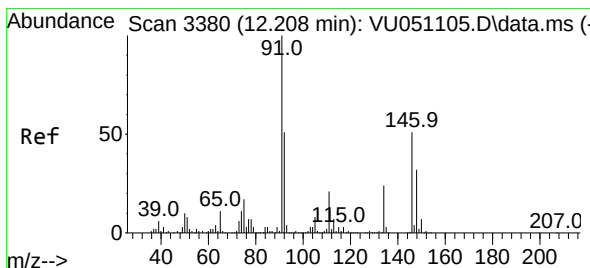
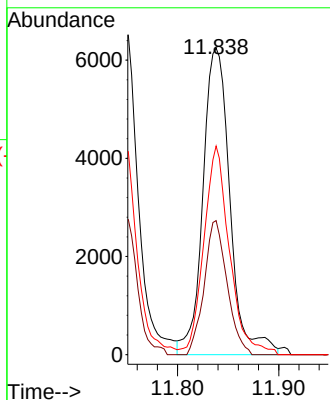
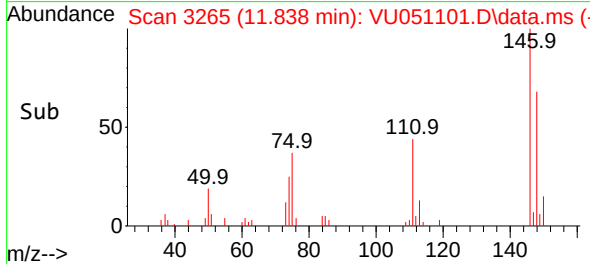
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



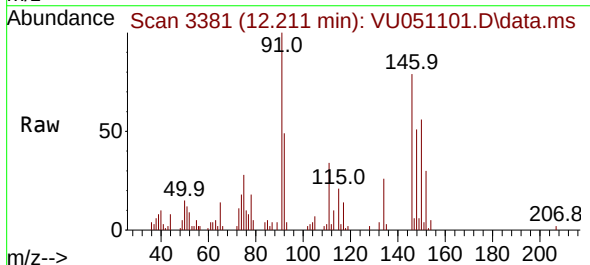
Tgt Ion:146 Resp: 1160
Ion Ratio Lower Upper
146 100
111 37.0 32.6 49.0
148 64.6 51.6 77.4

Manual Integrations
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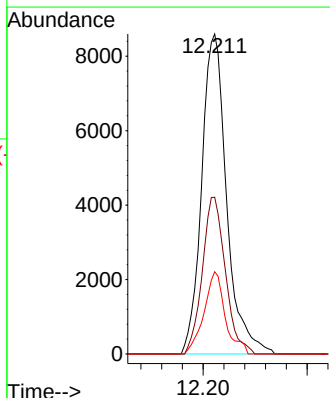
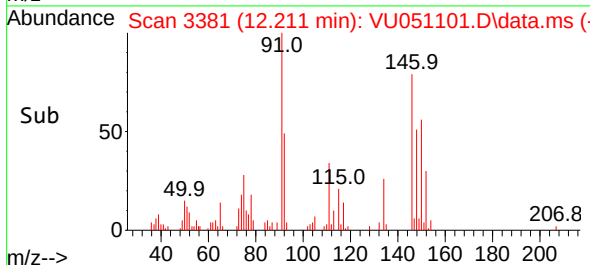
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

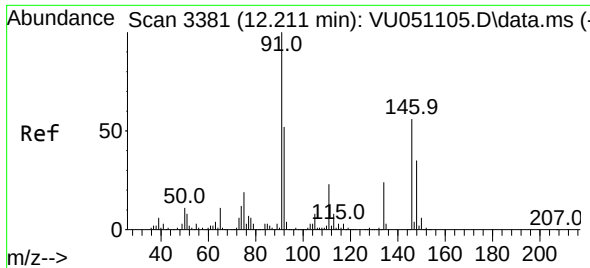


#84
n-Butylbenzene
Concen: 0.360 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03



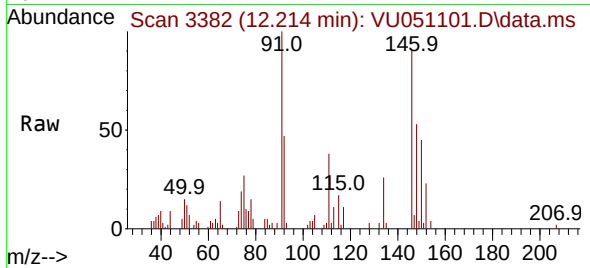
Tgt Ion: 91 Resp: 14320
Ion Ratio Lower Upper
91 100
92 45.2 42.3 63.5
134 21.8 19.6 29.4





#85
1,2-Dichlorobenzene
Concen: 0.573 ug/l
RT: 12.214 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

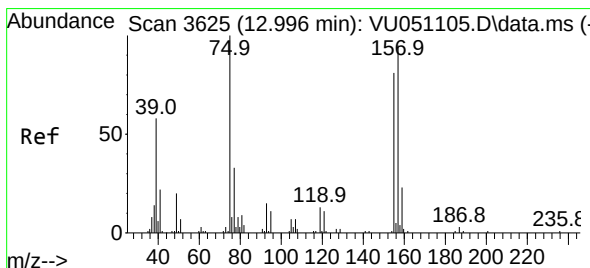
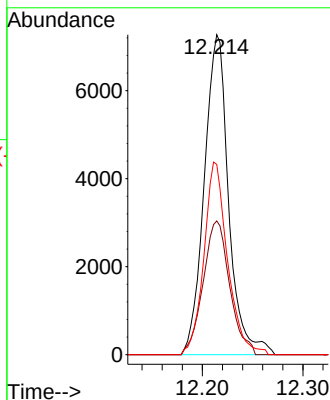
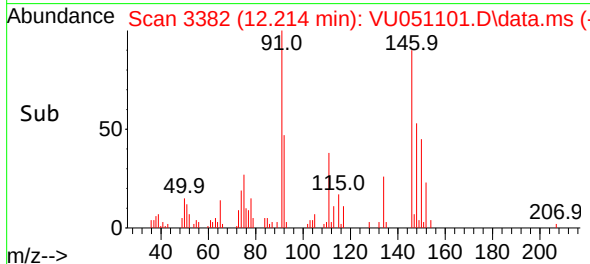
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



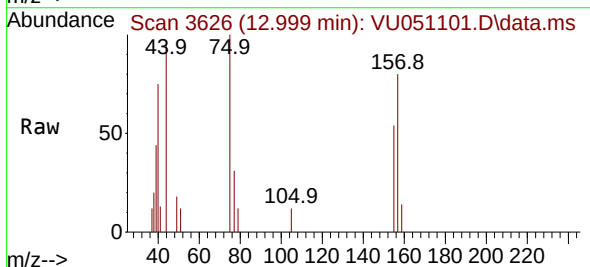
Tgt Ion: 146 Resp: 1226
Ion Ratio Lower Upper
146 100
111 45.6 22.1 66.1
148 58.4 32.1 96.3

Manual Integrations
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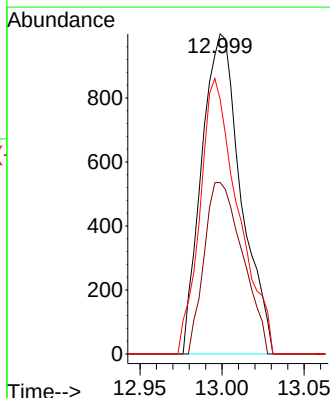
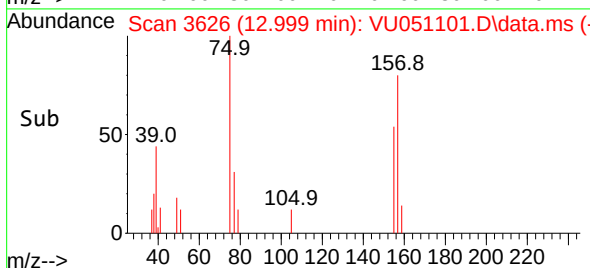
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

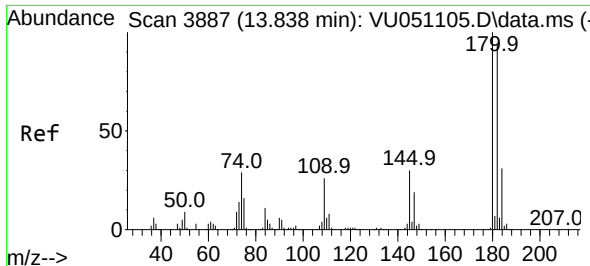


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.904 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03



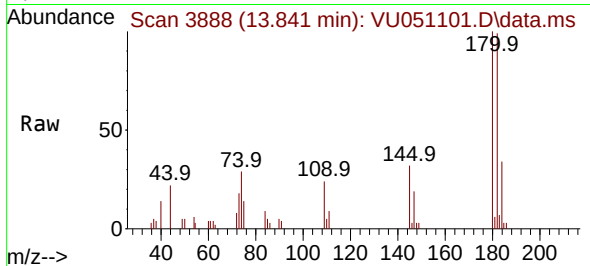
Tgt Ion: 75 Resp: 1670
Ion Ratio Lower Upper
75 100
155 52.2 66.8 100.2#
157 83.6 83.8 125.8#





#87
1,2,4-Trichlorobenzene
Concen: 0.658 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

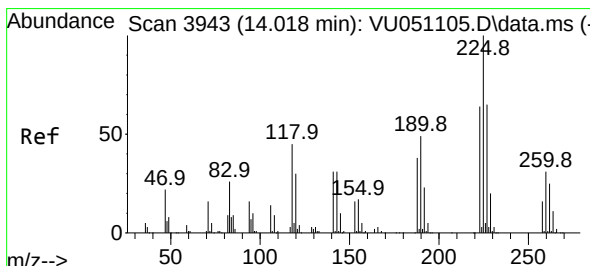
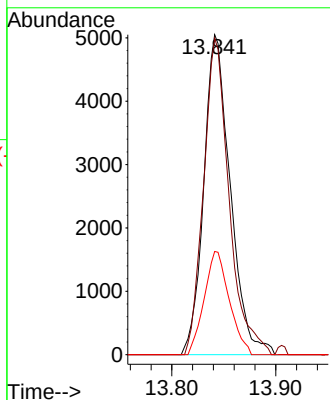
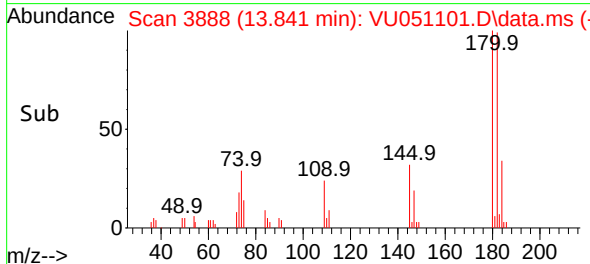
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion:180 Resp: 893
Ion Ratio Lower Upper
180 100
182 95.2 77.0 115.6
145 30.4 25.7 38.5

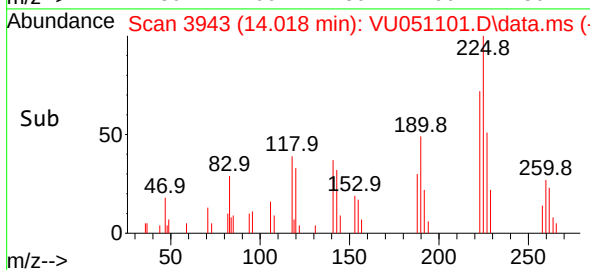
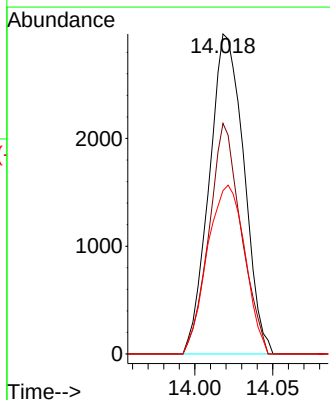
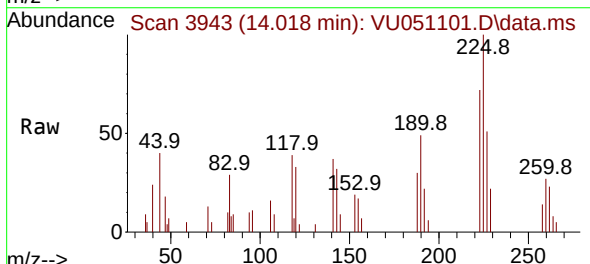
Manual Integrations
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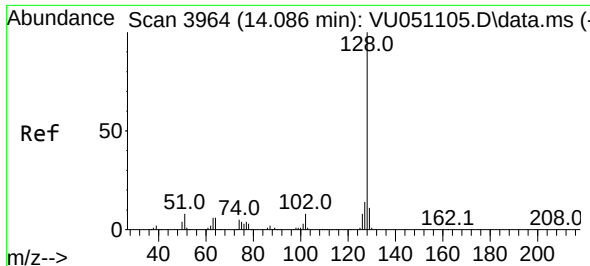
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#88
Hexachlorobutadiene
Concen: 0.635 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion:225 Resp: 4596
Ion Ratio Lower Upper
225 100
223 66.7 50.6 76.0
227 57.3 50.7 76.1





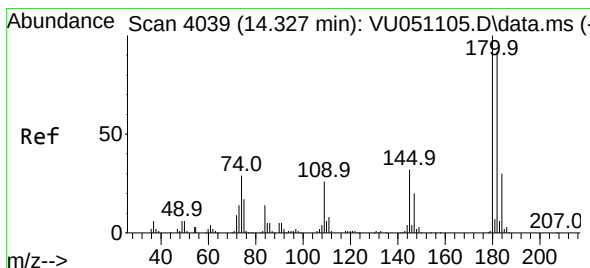
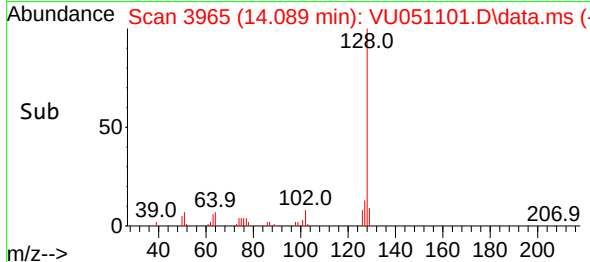
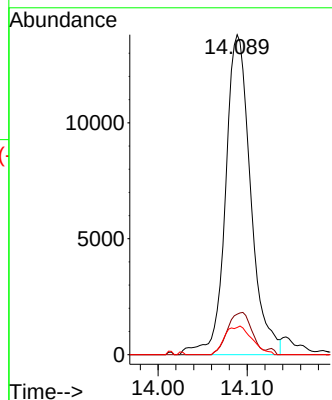
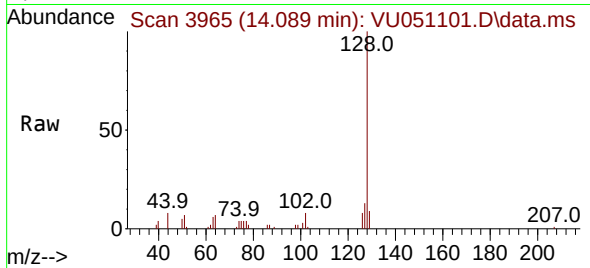
#89
Naphthalene
Concen: 0.961 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion:128 Resp: 27100
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 9.7 8.6 12.8

Manual Integrations
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Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#90
1,2,3-Trichlorobenzene
Concen: 0.765 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.006 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion:180 Resp: 10127
Ion Ratio Lower Upper
180 100
182 99.5 76.6 114.8
145 33.7 27.3 40.9

